

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112423\
 Data File : VU056601.D
 Acq On : 24 Nov 2023 09:22
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 25 01:35:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 22 00:29:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	293569	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	287433	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	134458	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	98025	4.464	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.200%
7) Chloroethane-d5	1.907	69	64718	3.844	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.800%
11) 1,1-Dichloroethene-d2	2.563	65	44362	4.578	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.600%
20) 2-Butanone-d5	4.618	46	206920	47.259	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.520%
24) Chloroform-d	5.058	84	195872	4.612	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.695	65	98384	5.013	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.721	84	380676	4.445	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.685	67	115728	4.484	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.894	98	337734	4.466	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	8.177	79	45064	4.552	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.631	63	188641	48.493	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.980%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	86850	4.709	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	108517	4.369	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	100527	4.322	ug/L	98
3) Chloromethane	1.518	50	95688	4.026	ug/L	95
5) Vinyl chloride	1.602	62	98609	4.306	ug/L	93
6) Bromomethane	1.853	94	41990	3.622	ug/L	95
8) Chloroethane	1.927	64	57793	4.131	ug/L	96
9) Trichlorofluoromethane	2.133	101	161140	4.883	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	96817	4.941	ug/L	99
12) 1,1-Dichloroethene	2.576	96	84706	4.714	ug/L	93
13) Acetone	2.628	43	158014	42.373	ug/L	98
14) Carbon disulfide	2.788	76	220753	3.775	ug/L	100
15) Methyl Acetate	2.946	43	31345	4.723	ug/L	98
16) Methylene chloride	3.039	84	102473	4.309	ug/L	97
17) Methyl tert-butyl Ether	3.358	73	206075	4.720	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	85072	4.601	ug/L	98
19) 1,1-Dichloroethane	3.862	63	181329	4.951	ug/L	99
21) 2-Butanone	4.698	43	212029	43.817	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	100071	4.772	ug/L	99
23) Bromochloromethane	4.968	128	43384	5.027	ug/L	94
25) Chloroform	5.081	83	191170	4.818	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112423\
 Data File : VU056601.D
 Acq On : 24 Nov 2023 09:22
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

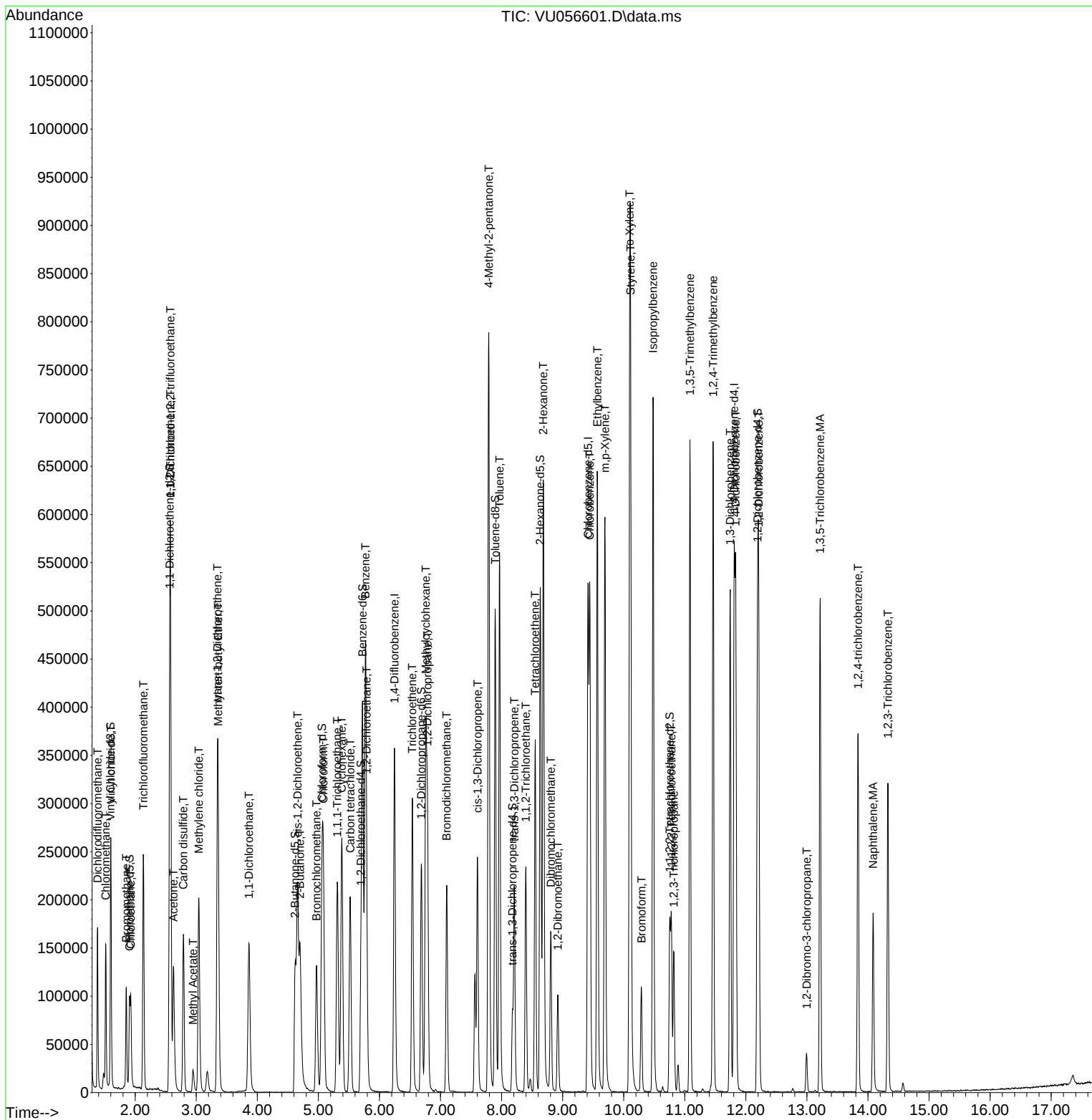
Instrument :
 MSVOA_U
 ClientSampleId :

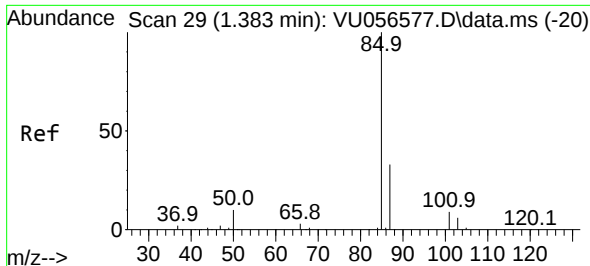
Quant Time: Nov 25 01:35:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 22 00:29:26 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	117151	5.200	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	166238	5.038	ug/L	100
30) Cyclohexane	5.383	56	128519	4.104	ug/L	100
31) Carbon tetrachloride	5.521	117	142060	5.013	ug/L	98
33) Benzene	5.769	78	409192	4.989	ug/L	100
34) Trichloroethene	6.538	95	106777	4.778	ug/L	97
35) Methylcyclohexane	6.759	83	140570	4.357	ug/L	98
37) 1,2-Dichloropropane	6.785	63	108822	5.088	ug/L	100
38) Bromodichloromethane	7.100	83	142005	5.143	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	148763	4.734	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	516231	48.691	ug/L	99
42) Toluene	7.965	91	419016	4.935	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	125658	5.016	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	73009	5.126	ug/L	97
47) Tetrachloroethene	8.550	164	77618	5.151	ug/L	99
48) 2-Hexanone	8.682	43	398638	48.264	ug/L	99
49) Dibromochloromethane	8.804	129	85215	5.261	ug/L	96
50) 1,2-Dibromoethane	8.920	107	66378	4.936	ug/L	92
51) Chlorobenzene	9.444	112	277799	5.092	ug/L	99
52) Ethylbenzene	9.566	91	471636	5.002	ug/L	100
53) m,p-Xylene	9.692	106	174283	5.028	ug/L	98
54) o-Xylene	10.097	106	171573	5.096	ug/L	99
55) Styrene	10.113	104	296741	5.298	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	90618	5.210	ug/L	99
59) Bromoform	10.290	173	48808	5.828	ug/L	100
60) Isopropylbenzene	10.479	105	477423	5.506	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	63266	5.484	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	367898	5.167	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	367700	5.232	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	208916	5.296	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	201906	5.103	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	185646	5.130	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	11303	4.587	ug/L	99
69) 1,3,5-Trichlorobenzene	13.216	180	153656	5.174	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	113508	4.693	ug/L	99
71) Naphthalene	14.084	128	149974	4.104	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	94396	4.737	ug/L	97

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

Quant Time: Nov 25 01:35:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 22 00:29:26 2023
Response via : Initial Calibration

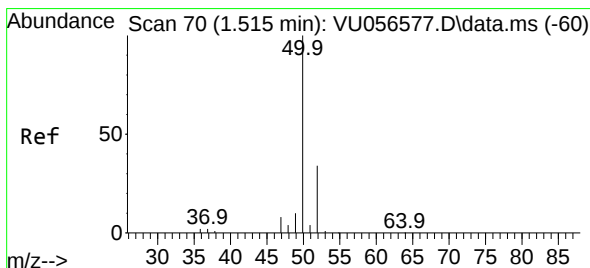
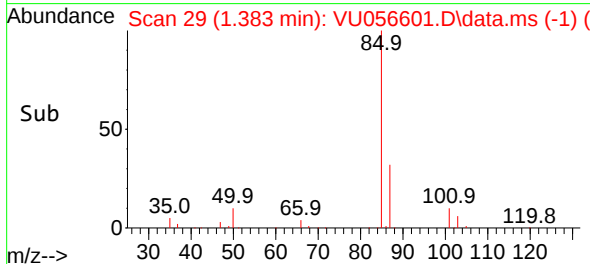
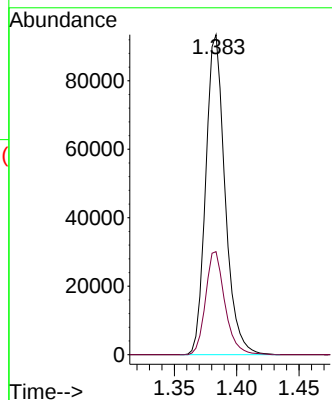
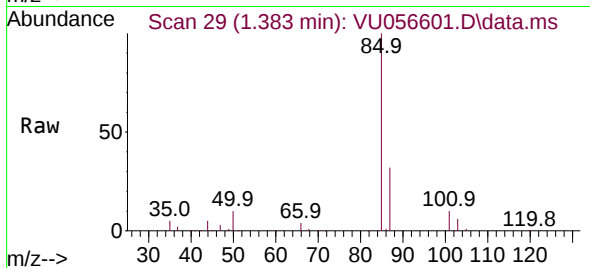




#2
 Dichlorodifluoromethane
 Concen: 4.322 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU056601.D
 Acq: 24 Nov 2023 09:22

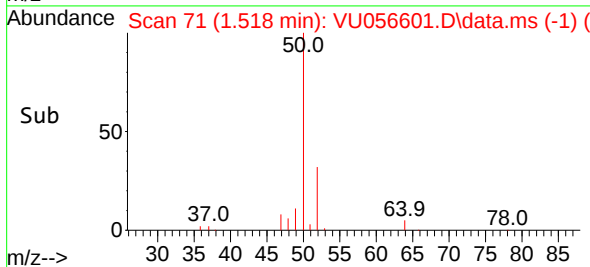
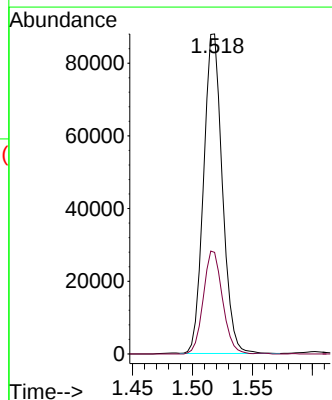
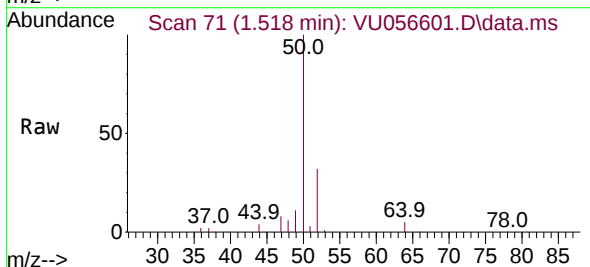
Instrument :
 MSVOA_U
 ClientSampleId :

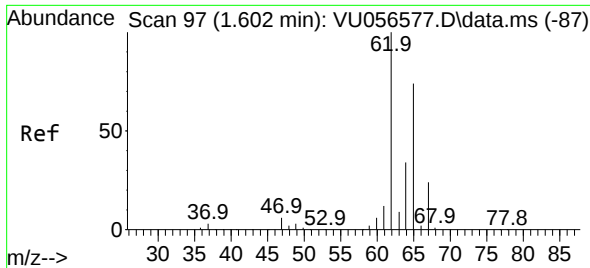
Tgt Ion: 85 Resp: 100527
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.0 37.4



#3
 Chloromethane
 Concen: 4.026 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU056601.D
 Acq: 24 Nov 2023 09:22

Tgt Ion: 50 Resp: 95688
 Ion Ratio Lower Upper
 50 100
 52 31.8 24.3 45.1

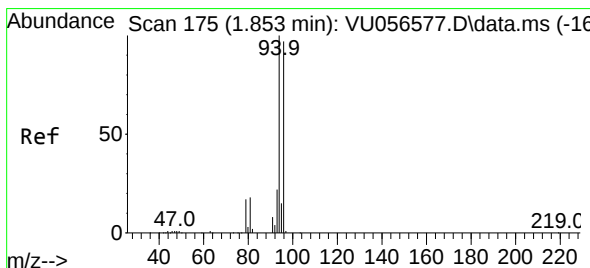
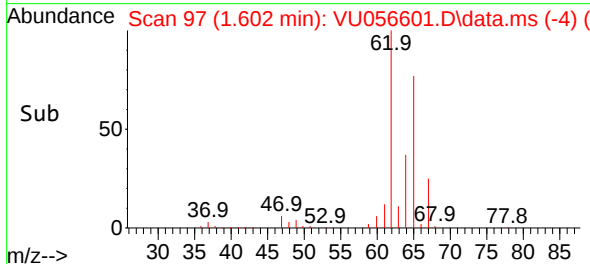
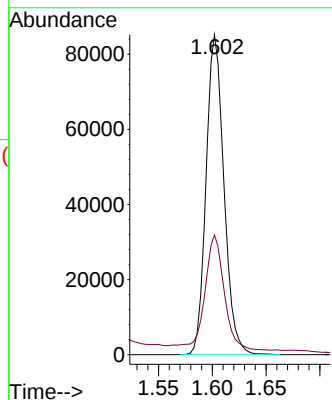
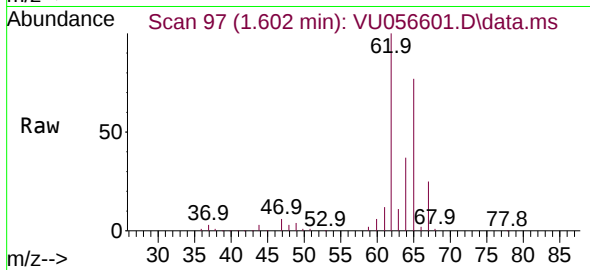




#5
 Vinyl chloride
 Concen: 4.306 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU056601.D
 Acq: 24 Nov 2023 09:22

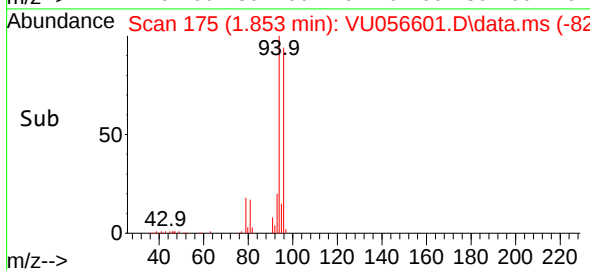
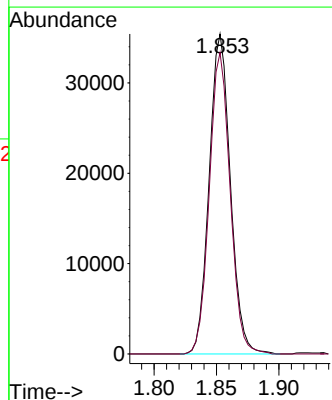
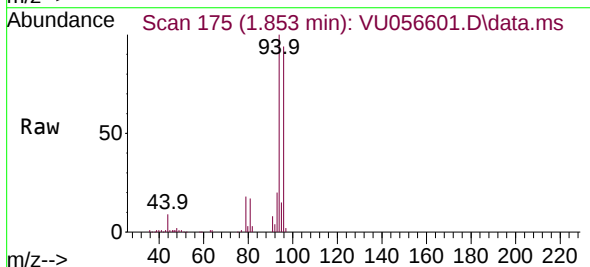
Instrument :
 MSVOA_U
 ClientSampleId :

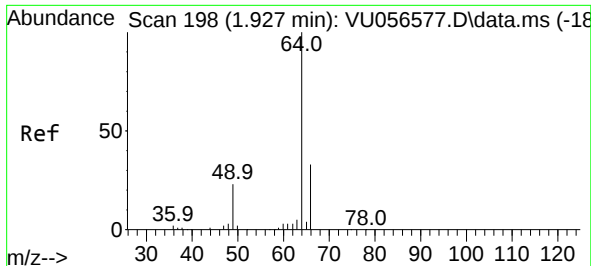
Tgt Ion: 62 Resp: 98609
 Ion Ratio Lower Upper
 62 100
 64 37.4 23.3 43.3



#6
 Bromomethane
 Concen: 3.622 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU056601.D
 Acq: 24 Nov 2023 09:22

Tgt Ion: 94 Resp: 41990
 Ion Ratio Lower Upper
 94 100
 96 94.1 62.6 116.2

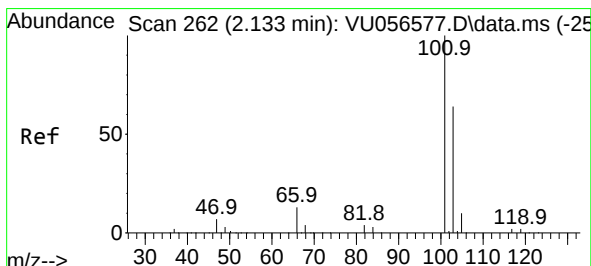
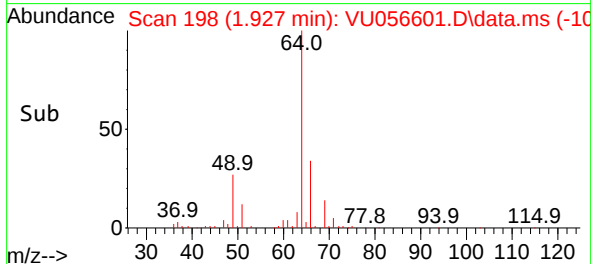
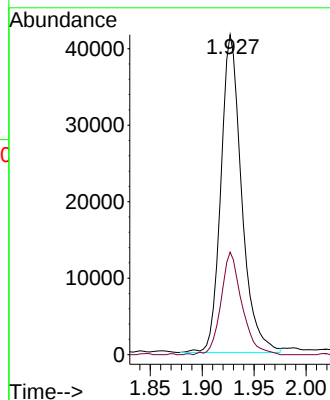
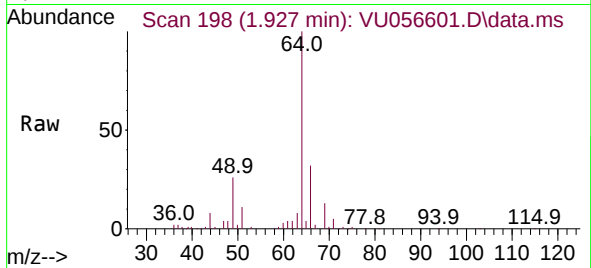




#8
Chloroethane
Concen: 4.131 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.003 min
Lab File: VU056601.D
Acq: 24 Nov 2023 09:22

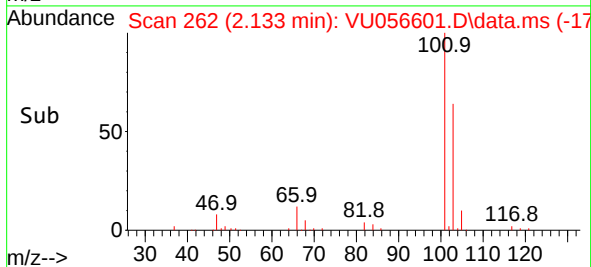
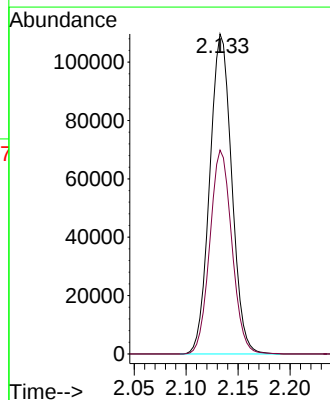
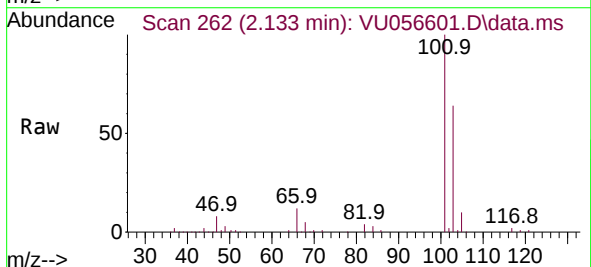
Instrument :
MSVOA_U
ClientSampleId :

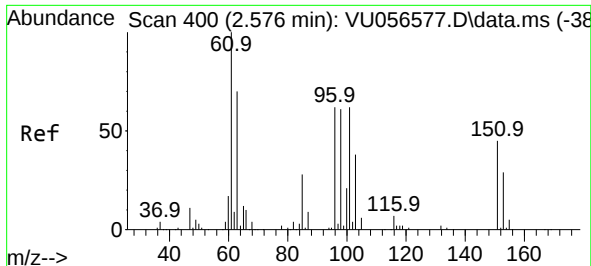
Tgt Ion: 64 Resp: 57793
Ion Ratio Lower Upper
64 100
66 32.0 23.9 44.5



#9
Trichlorofluoromethane
Concen: 4.883 ug/L
RT: 2.133 min Scan# 262
Delta R.T. -0.003 min
Lab File: VU056601.D
Acq: 24 Nov 2023 09:22

Tgt Ion:101 Resp: 161140
Ion Ratio Lower Upper
101 100
103 63.7 52.0 78.0

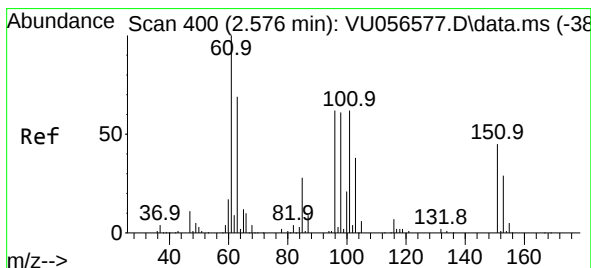
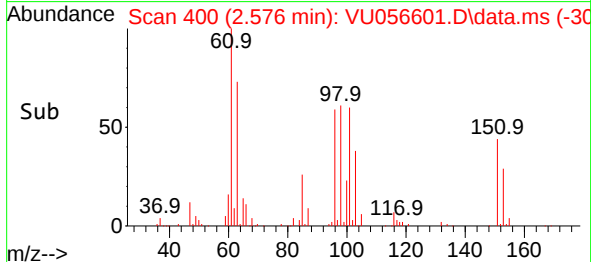
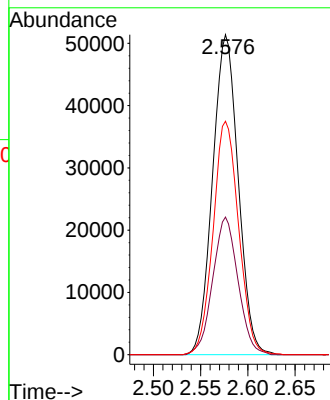
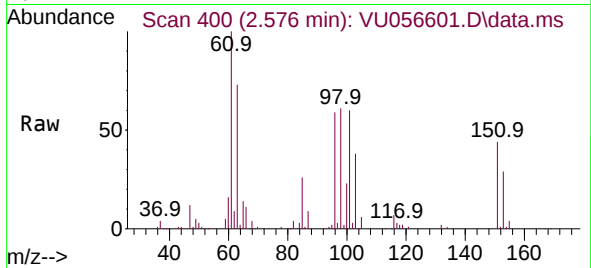




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.941 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU056601.D
 Acq: 24 Nov 2023 09:22

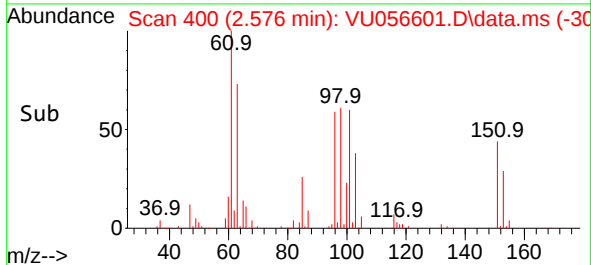
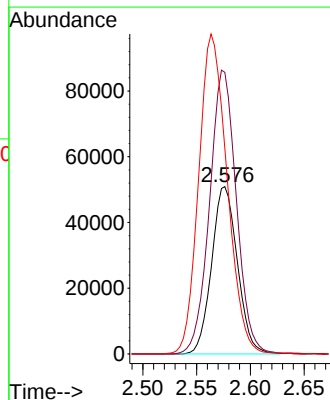
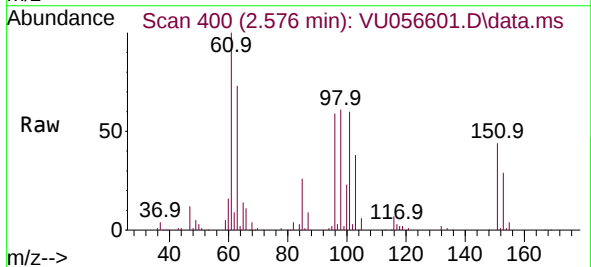
Instrument :
 MSVOA_U
 ClientSampleId :

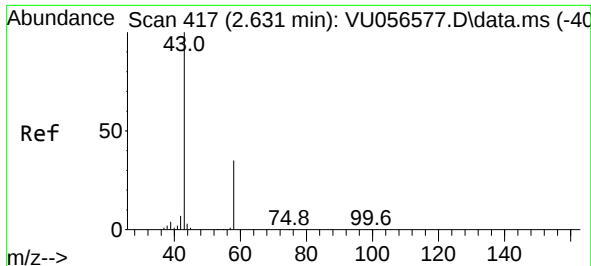
Tgt Ion:101 Resp: 96817
 Ion Ratio Lower Upper
 101 100
 85 42.4 35.4 53.0
 151 72.6 58.0 87.0



#12
 1,1-Dichloroethene
 Concen: 4.714 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU056601.D
 Acq: 24 Nov 2023 09:22

Tgt Ion: 96 Resp: 84706
 Ion Ratio Lower Upper
 96 100
 61 168.2 123.1 228.7
 63 122.8 93.3 173.3





#13

Acetone

Concen: 42.373 ug/L

RT: 2.628 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU056601.D

Acq: 24 Nov 2023 09:22

Instrument :

MSVOA_U

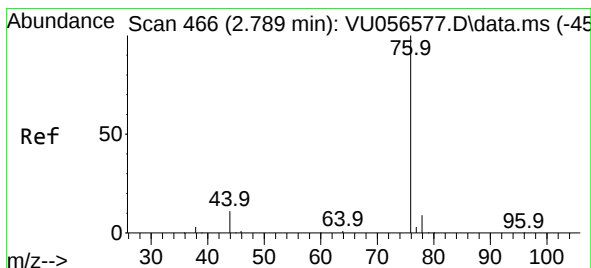
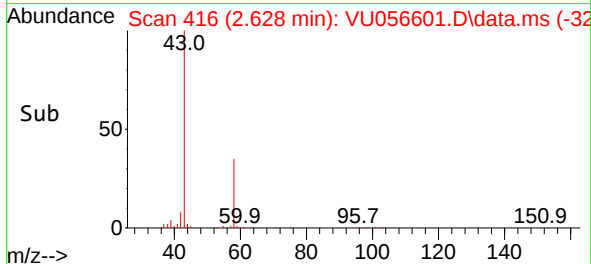
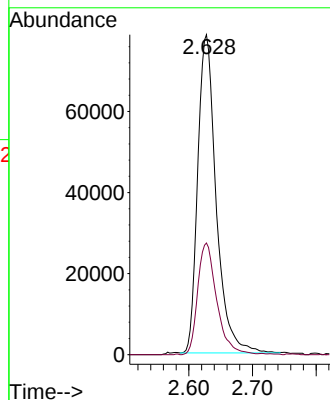
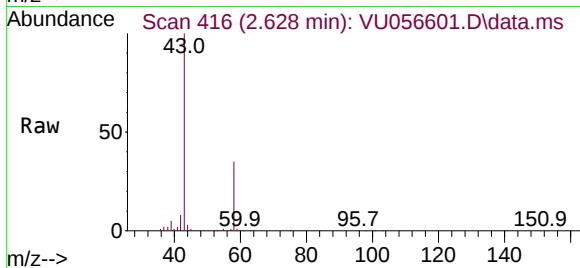
ClientSampleId :

Tgt Ion: 43 Resp: 158014

Ion Ratio Lower Upper

43 100

58 36.3 0.0 70.0



#14

Carbon disulfide

Concen: 3.775 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU056601.D

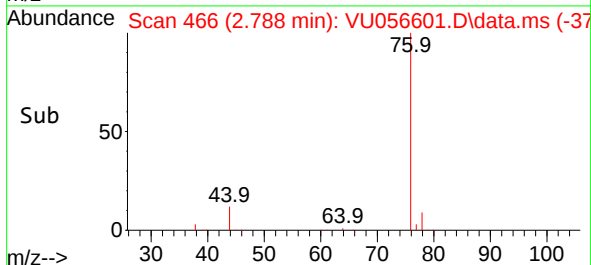
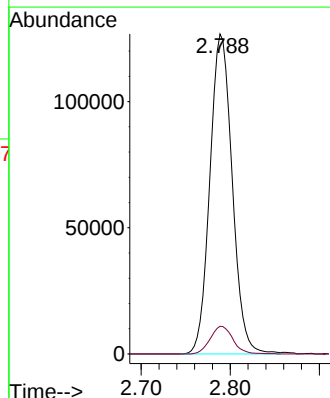
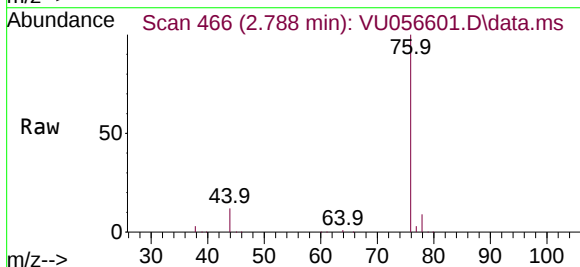
Acq: 24 Nov 2023 09:22

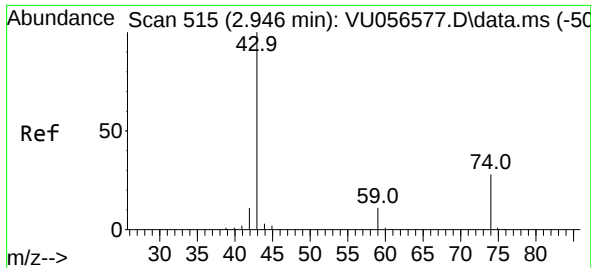
Tgt Ion: 76 Resp: 220753

Ion Ratio Lower Upper

76 100

78 8.6 6.8 10.2

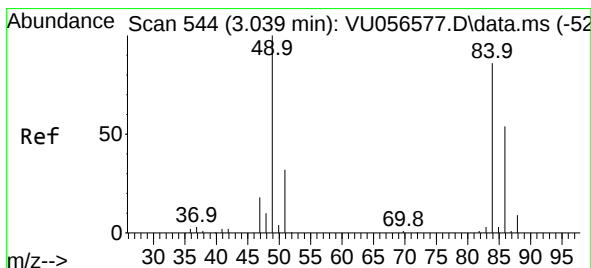
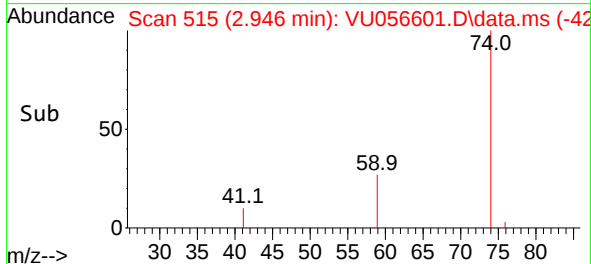
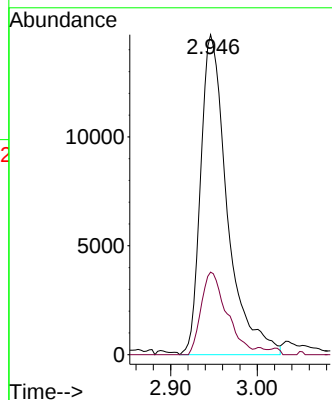
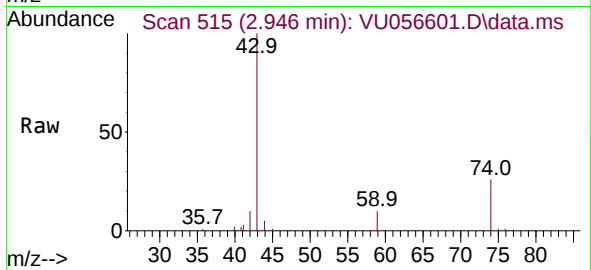




#15
Methyl Acetate
Concen: 4.723 ug/L
RT: 2.946 min Scan# 515
Delta R.T. -0.000 min
Lab File: VU056601.D
Acq: 24 Nov 2023 09:22

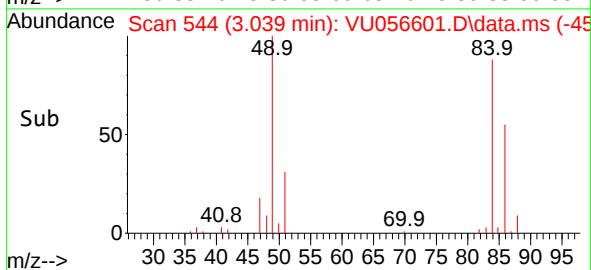
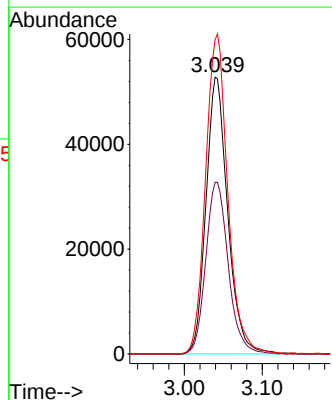
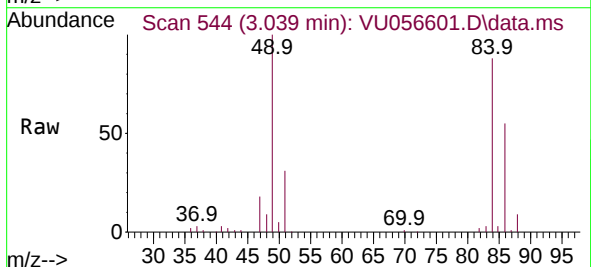
Instrument :
MSVOA_U
ClientSampleId :

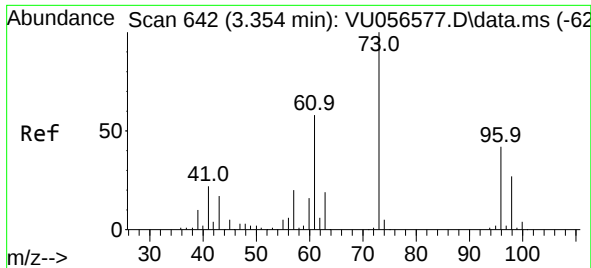
Tgt Ion: 43 Resp: 31345
Ion Ratio Lower Upper
43 100
74 24.8 20.6 31.0



#16
Methylene chloride
Concen: 4.309 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU056601.D
Acq: 24 Nov 2023 09:22

Tgt Ion: 84 Resp: 102473
Ion Ratio Lower Upper
84 100
86 62.0 44.7 83.1
49 113.5 81.8 152.0

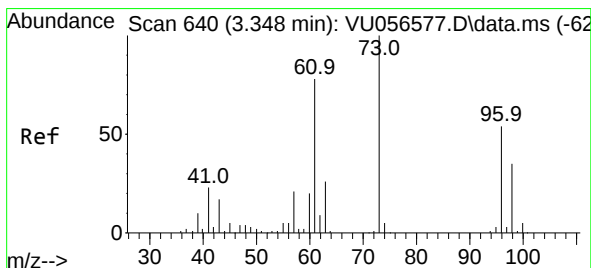
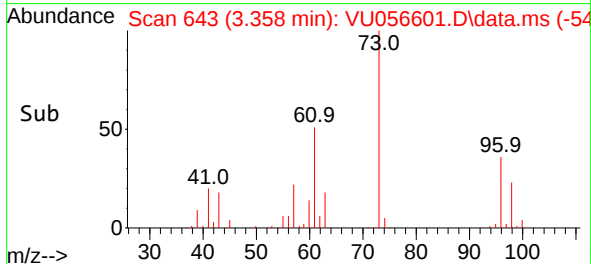
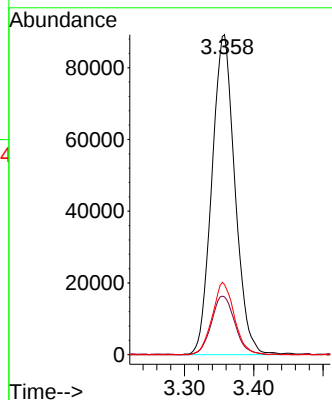
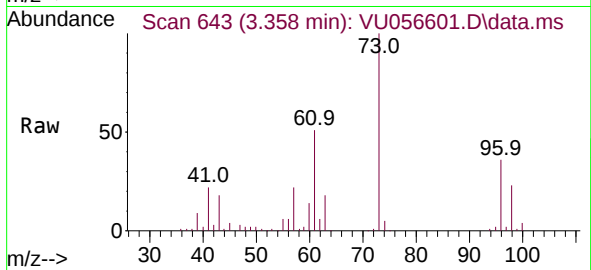




#17
Methyl tert-butyl Ether
Concen: 4.720 ug/L
RT: 3.358 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU056601.D
Acq: 24 Nov 2023 09:22

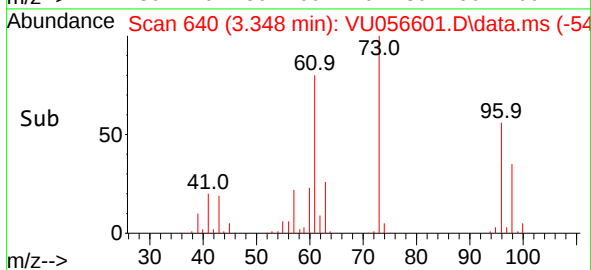
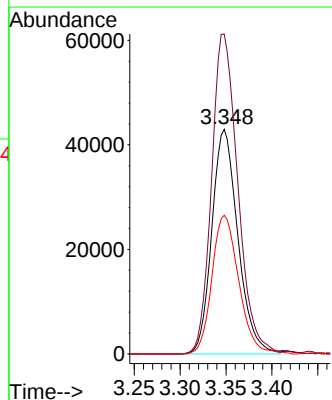
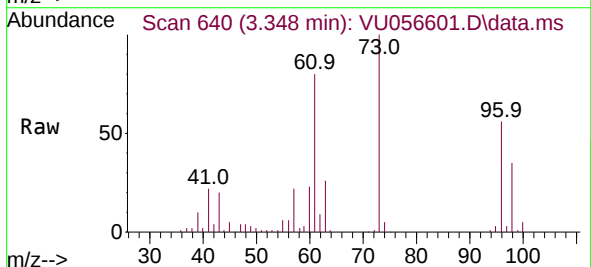
Instrument :
MSVOA_U
ClientSampleId :

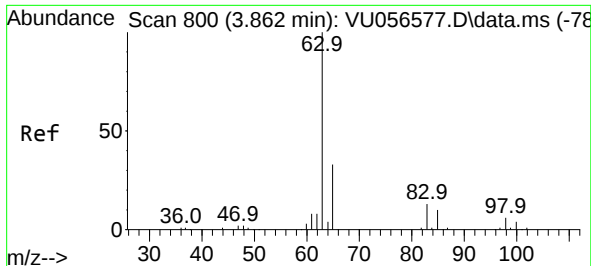
Tgt Ion: 73 Resp: 206075
Ion Ratio Lower Upper
73 100
43 18.6 15.1 22.7
57 21.6 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 4.601 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU056601.D
Acq: 24 Nov 2023 09:22

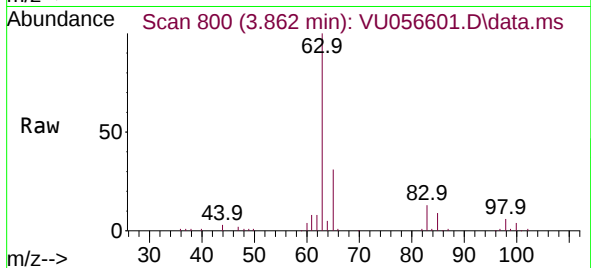
Tgt Ion: 96 Resp: 85072
Ion Ratio Lower Upper
96 100
61 142.4 101.7 188.9
98 61.7 43.0 80.0



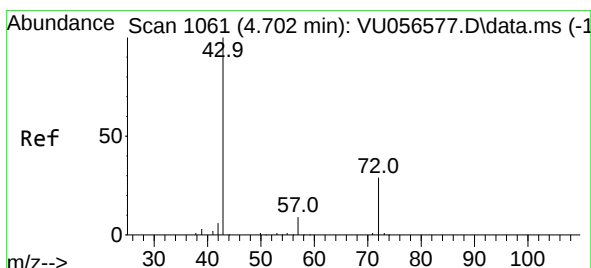
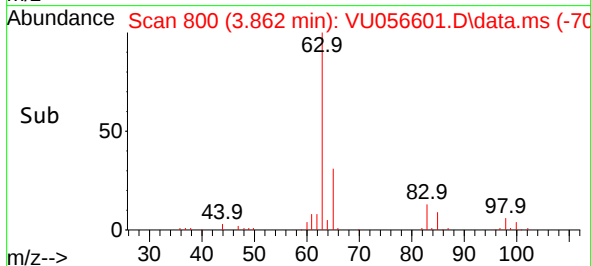
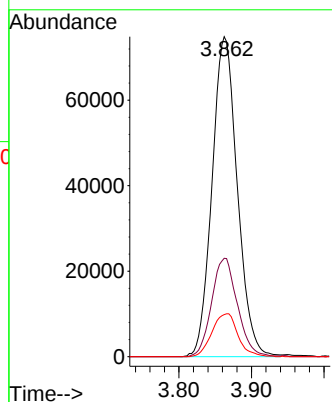


#19
1,1-Dichloroethane
Concen: 4.951 ug/L
RT: 3.862 min Scan# 80
Delta R.T. -0.000 min
Lab File: VU056601.D
Acq: 24 Nov 2023 09:22

Instrument :
MSVOA_U
ClientSampleId :

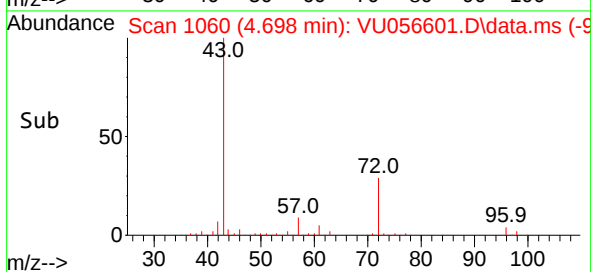
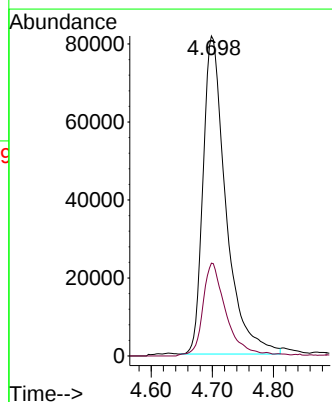
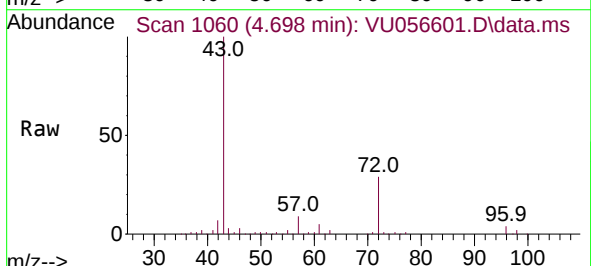


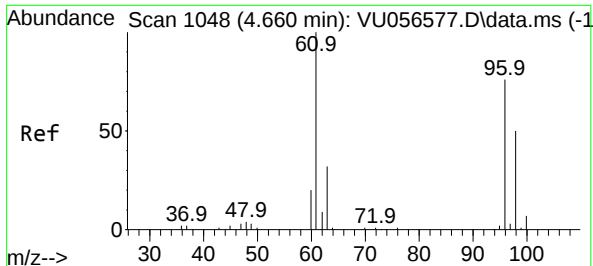
Tgt Ion: 63 Resp: 181329
Ion Ratio Lower Upper
63 100
65 30.7 21.8 40.6
83 13.1 9.7 17.9



#21
2-Butanone
Concen: 43.817 ug/L
RT: 4.698 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VU056601.D
Acq: 24 Nov 2023 09:22

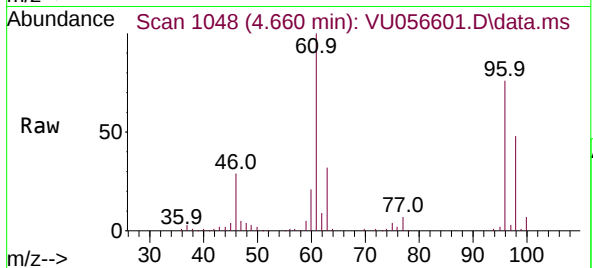
Tgt Ion: 43 Resp: 212029
Ion Ratio Lower Upper
43 100
72 29.2 14.2 42.6



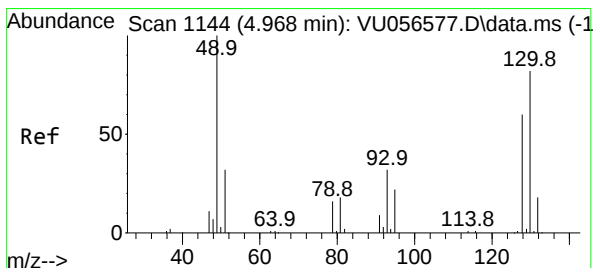
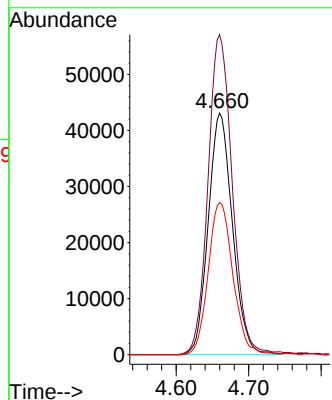
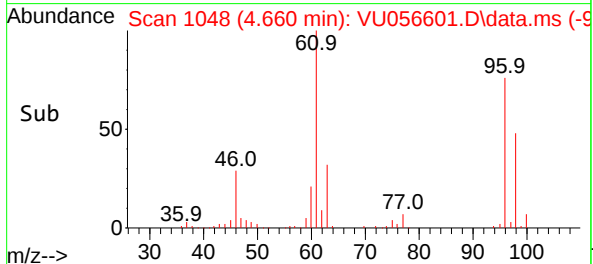


#22
 cis-1,2-Dichloroethene
 Concen: 4.772 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU056601.D
 Acq: 24 Nov 2023 09:22

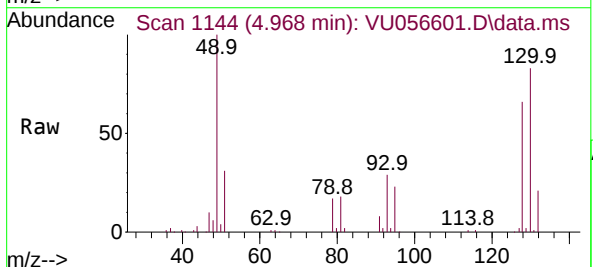
Instrument :
 MSVOA_U
 ClientSampleId :



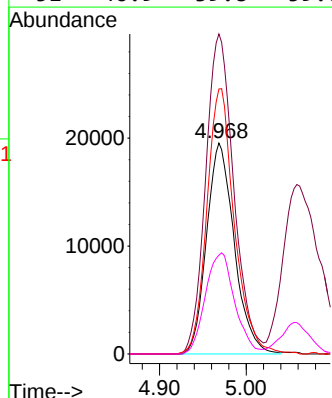
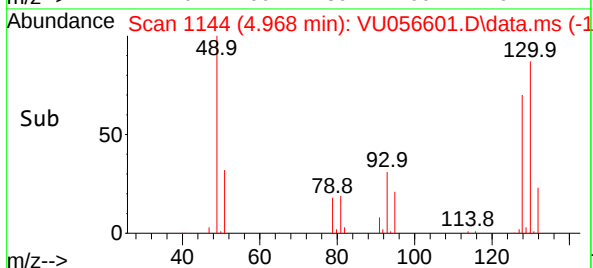
Tgt Ion: 96 Resp: 100071
 Ion Ratio Lower Upper
 96 100
 61 132.4 93.2 173.2
 98 63.0 44.8 83.2

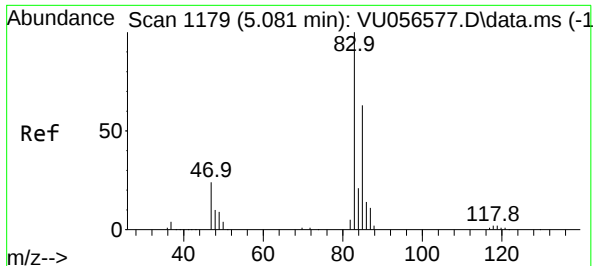


#23
 Bromochloromethane
 Concen: 5.027 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.000 min
 Lab File: VU056601.D
 Acq: 24 Nov 2023 09:22



Tgt Ion: 128 Resp: 43384
 Ion Ratio Lower Upper
 128 100
 49 151.7 113.4 210.6
 130 125.6 84.8 157.6
 51 46.9 39.8 59.6





#25

Chloroform

Concen: 4.818 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VU056601.D

Acq: 24 Nov 2023 09:22

Instrument :

MSVOA_U

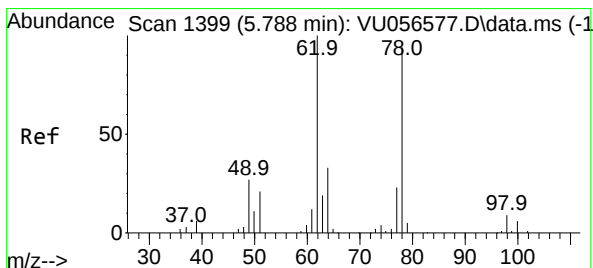
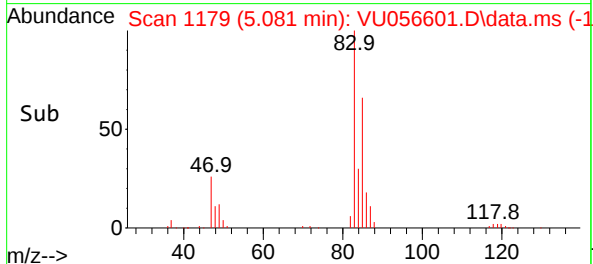
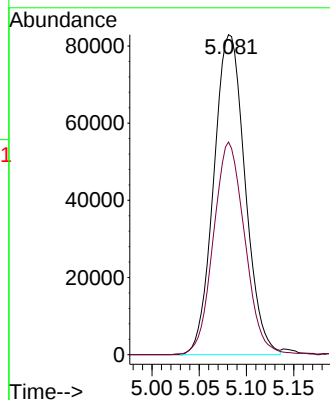
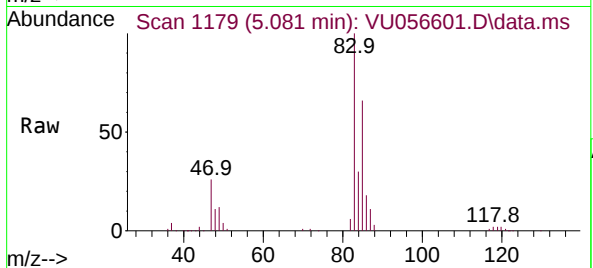
ClientSampleId :

Tgt Ion: 83 Resp: 191170

Ion Ratio Lower Upper

83 100

85 66.4 47.0 87.2



#27

1,2-Dichloroethane

Concen: 5.200 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.003 min

Lab File: VU056601.D

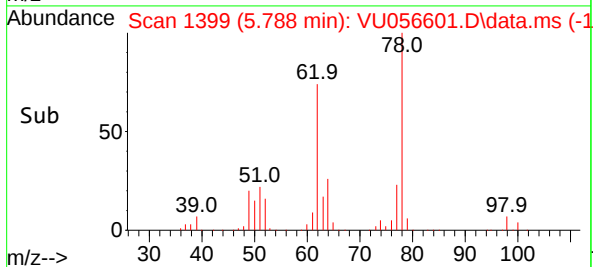
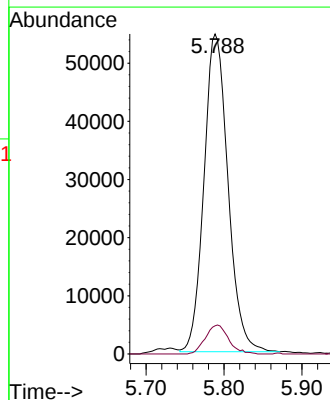
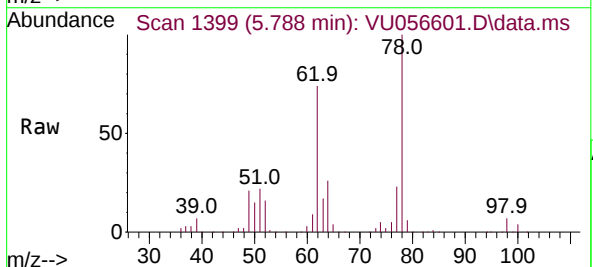
Acq: 24 Nov 2023 09:22

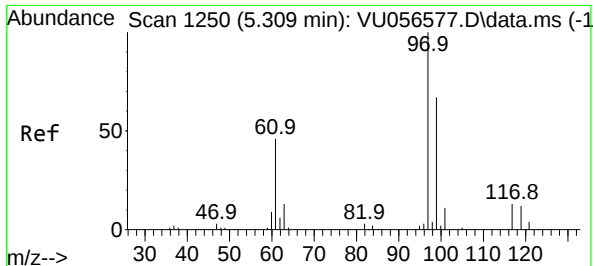
Tgt Ion: 62 Resp: 117151

Ion Ratio Lower Upper

62 100

98 8.8 6.6 10.0





#29

1,1,1-Trichloroethane

Concen: 5.038 ug/L

RT: 5.309 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU056601.D

Acq: 24 Nov 2023 09:22

Instrument :

MSVOA_U

ClientSampleId :

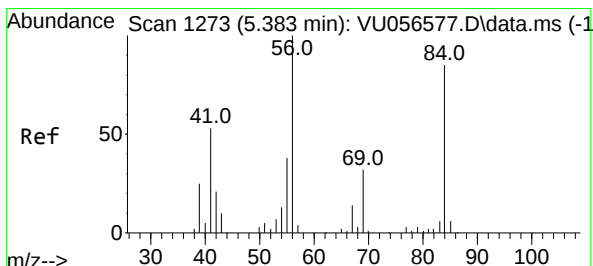
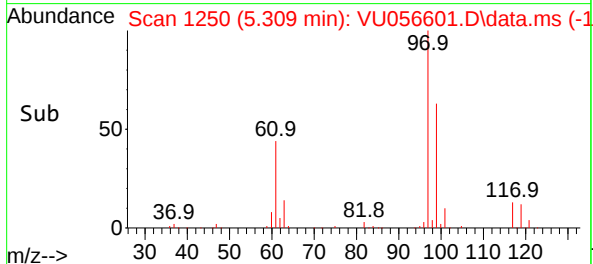
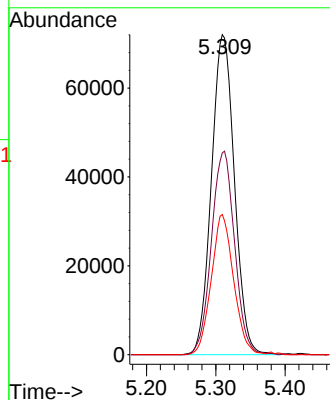
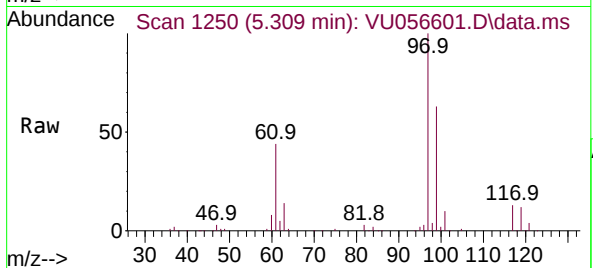
Tgt Ion: 97 Resp: 166238

Ion Ratio Lower Upper

97 100

99 64.3 51.6 77.4

61 42.6 34.3 51.5



#30

Cyclohexane

Concen: 4.104 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. 0.003 min

Lab File: VU056601.D

Acq: 24 Nov 2023 09:22

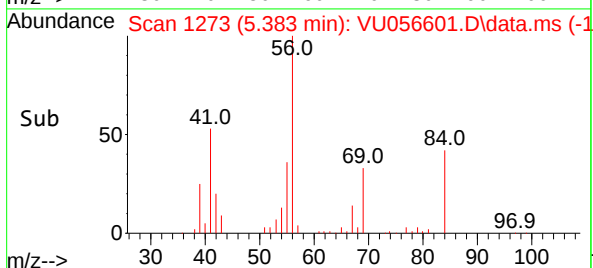
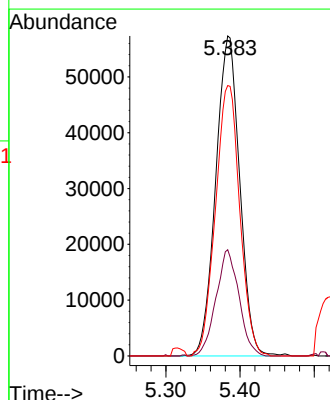
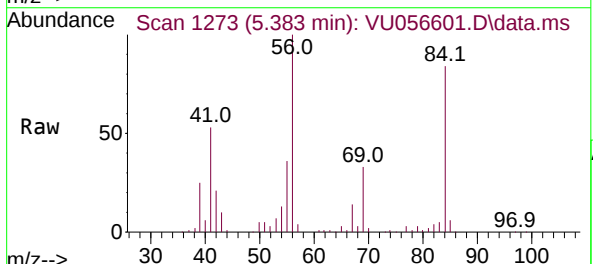
Tgt Ion: 56 Resp: 128519

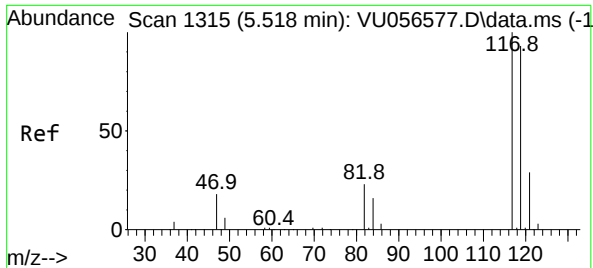
Ion Ratio Lower Upper

56 100

69 31.9 25.4 38.2

84 85.7 68.6 103.0

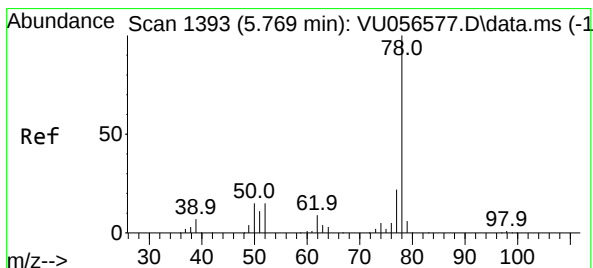
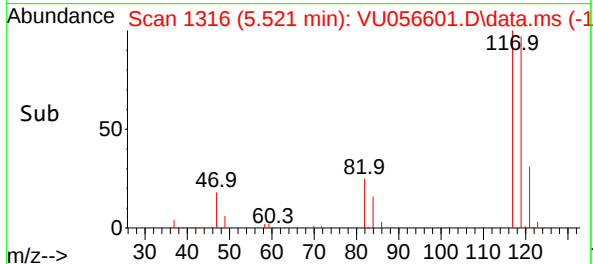
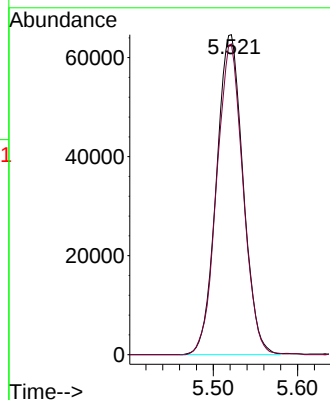
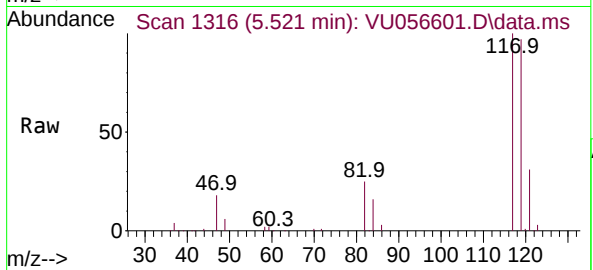




#31
Carbon tetrachloride
Concen: 5.013 ug/L
RT: 5.521 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU056601.D
Acq: 24 Nov 2023 09:22

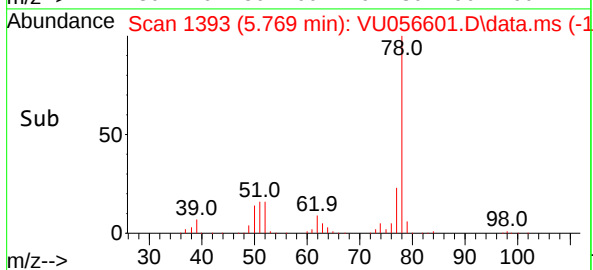
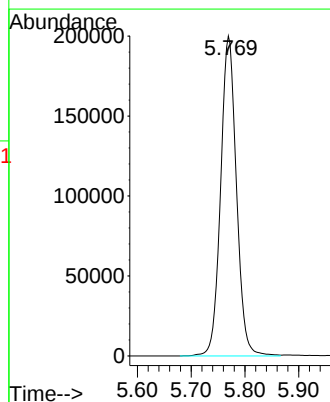
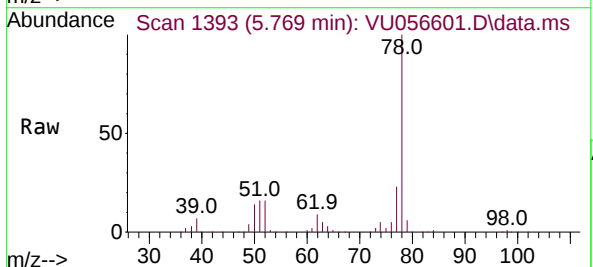
Instrument :
MSVOA_U
ClientSampleId :

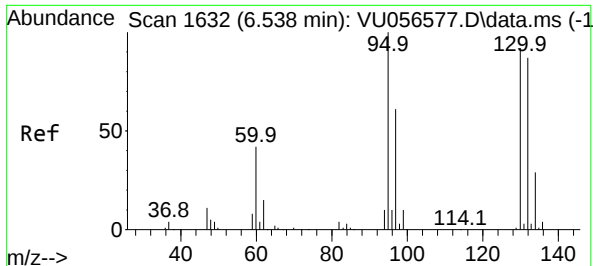
Tgt Ion:117 Resp: 142060
Ion Ratio Lower Upper
117 100
119 95.9 78.1 117.1



#33
Benzene
Concen: 4.989 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU056601.D
Acq: 24 Nov 2023 09:22

Tgt Ion: 78 Resp: 409192

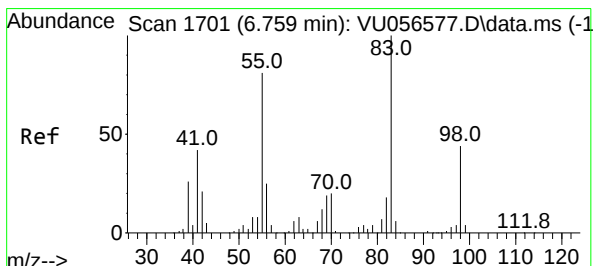
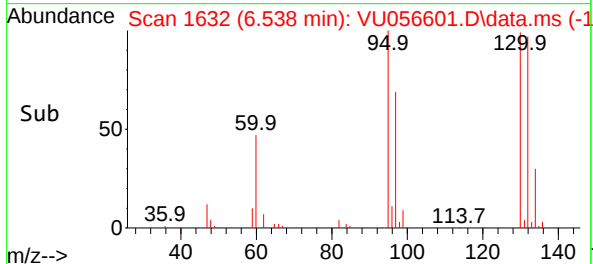
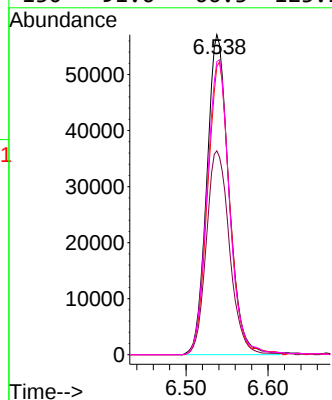
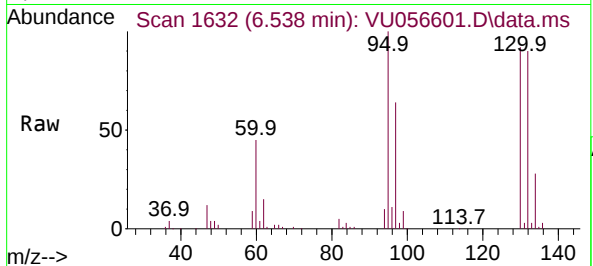




#34
Trichloroethene
Concen: 4.778 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU056601.D
Acq: 24 Nov 2023 09:22

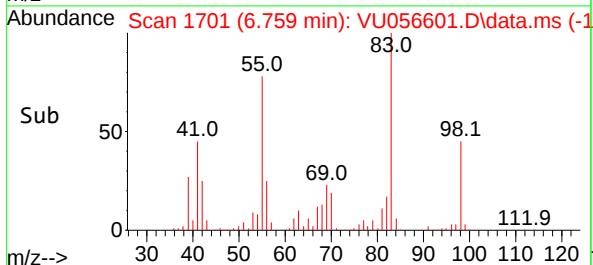
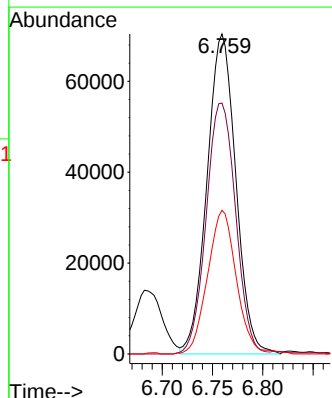
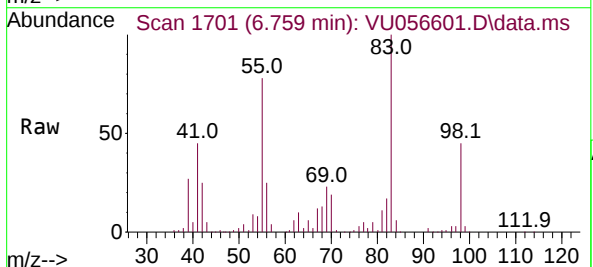
Instrument :
MSVOA_U
ClientSampleId :

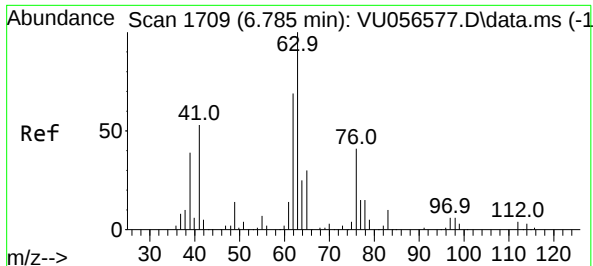
Tgt Ion: 95 Resp: 106777
Ion Ratio Lower Upper
95 100
97 63.7 46.5 86.3
132 90.0 62.0 115.2
130 91.6 66.3 123.1



#35
Methylcyclohexane
Concen: 4.357 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VU056601.D
Acq: 24 Nov 2023 09:22

Tgt Ion: 83 Resp: 140570
Ion Ratio Lower Upper
83 100
55 80.6 62.9 94.3
98 44.4 35.3 52.9





#37

1,2-Dichloropropane

Concen: 5.088 ug/L

RT: 6.785 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU056601.D

Acq: 24 Nov 2023 09:22

Instrument :

MSVOA_U

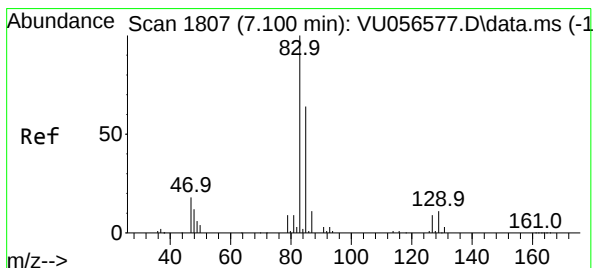
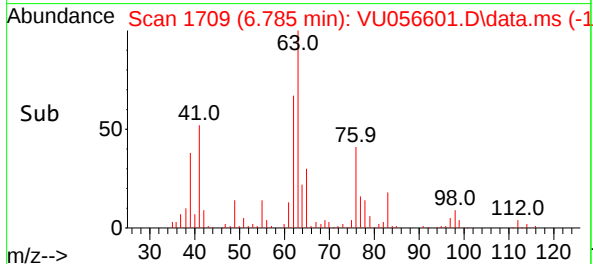
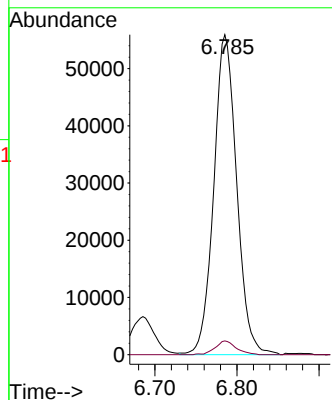
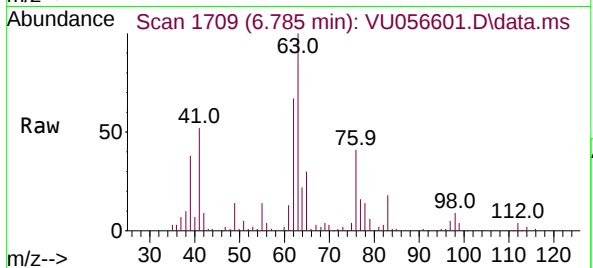
ClientSampleId :

Tgt Ion: 63 Resp: 108822

Ion Ratio Lower Upper

63 100

112 3.9 3.2 4.8



#38

Bromodichloromethane

Concen: 5.143 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VU056601.D

Acq: 24 Nov 2023 09:22

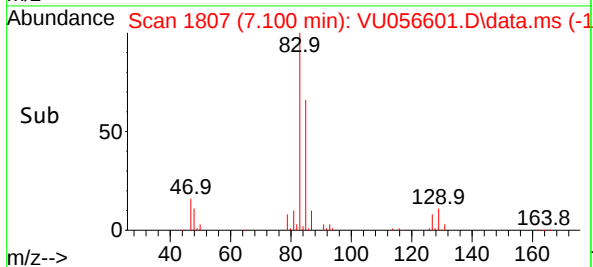
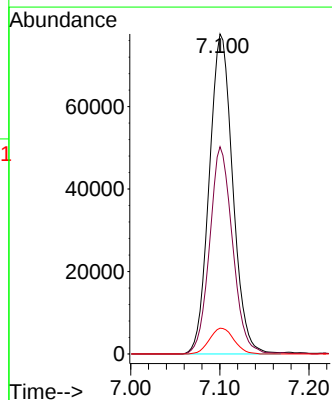
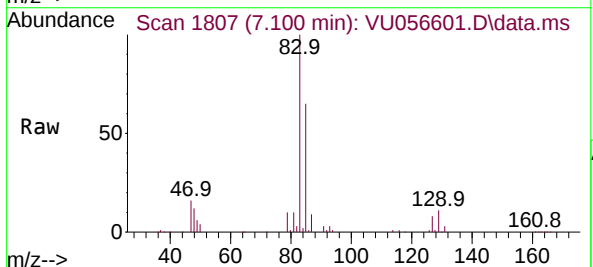
Tgt Ion: 83 Resp: 142005

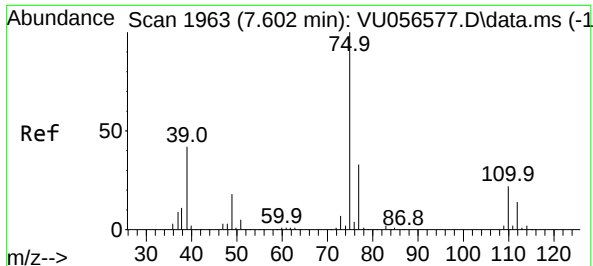
Ion Ratio Lower Upper

83 100

85 64.8 44.9 83.5

127 8.0 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.734 ug/L

RT: 7.605 min Scan# 1963

Delta R.T. 0.003 min

Lab File: VU056601.D

Acq: 24 Nov 2023 09:22

Instrument :

MSVOA_U

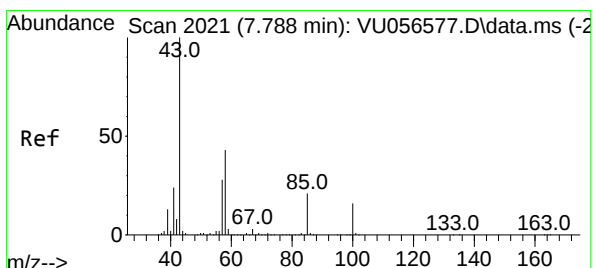
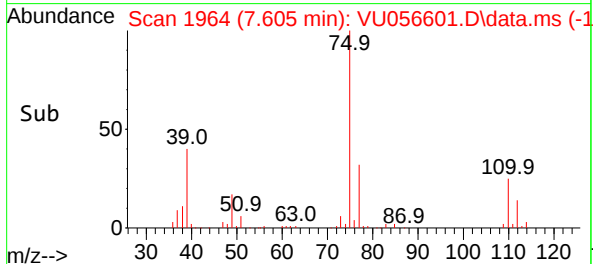
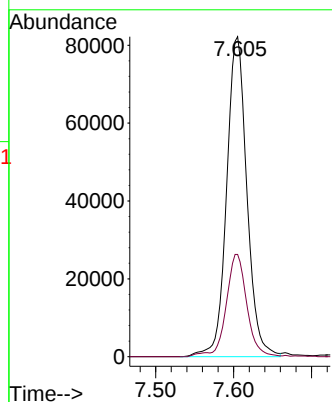
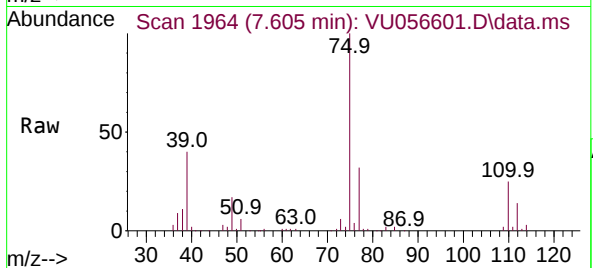
ClientSampleId :

Tgt Ion: 75 Resp: 148763

Ion Ratio Lower Upper

75 100

77 32.0 21.5 39.9



#40

4-Methyl-2-pentanone

Concen: 48.691 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. 0.003 min

Lab File: VU056601.D

Acq: 24 Nov 2023 09:22

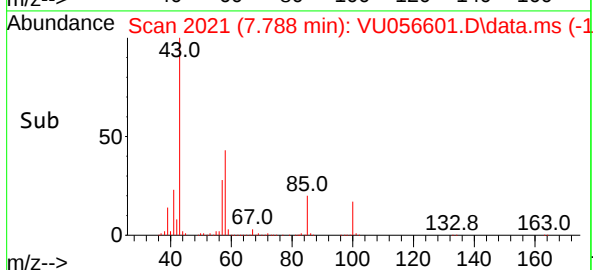
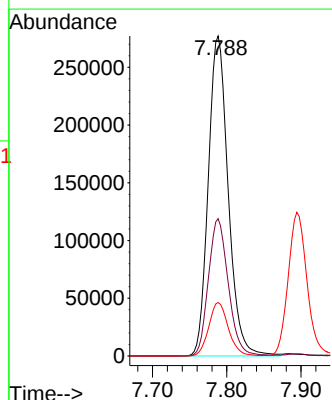
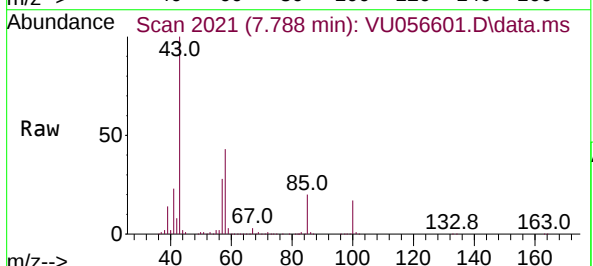
Tgt Ion: 43 Resp: 516231

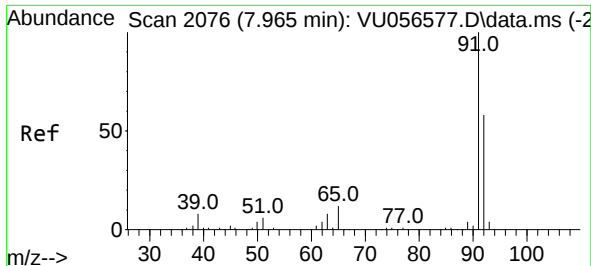
Ion Ratio Lower Upper

43 100

58 42.8 33.8 50.8

100 16.5 13.0 19.4





#42

Toluene

Concen: 4.935 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU056601.D

Acq: 24 Nov 2023 09:22

Instrument :

MSVOA_U

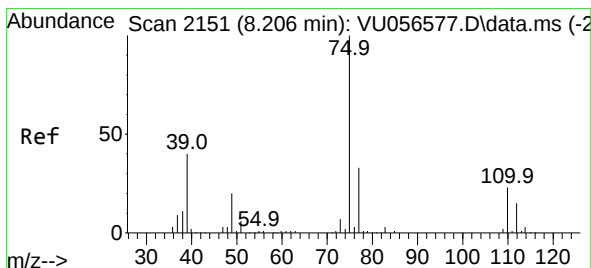
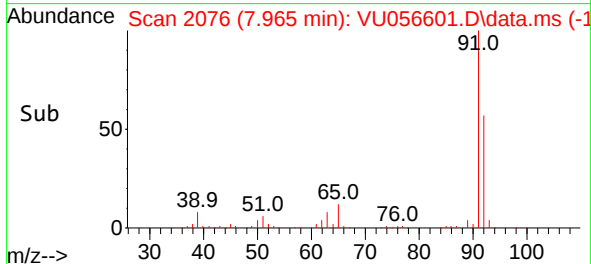
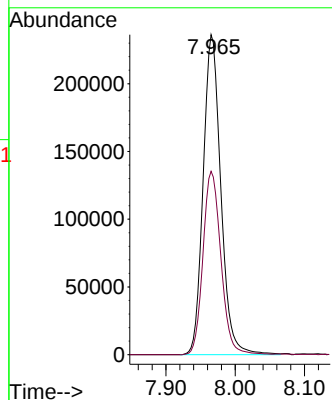
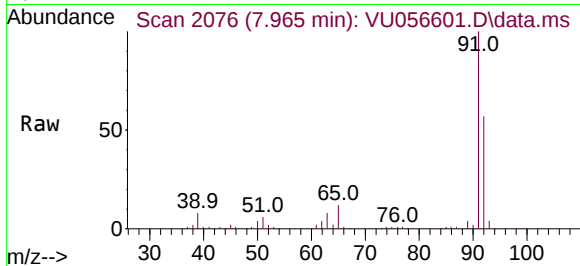
ClientSampleId :

Tgt Ion: 91 Resp: 419016

Ion Ratio Lower Upper

91 100

92 57.3 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.016 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU056601.D

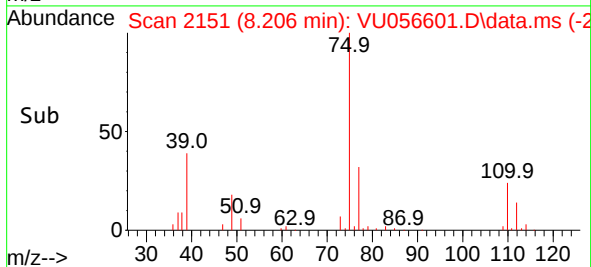
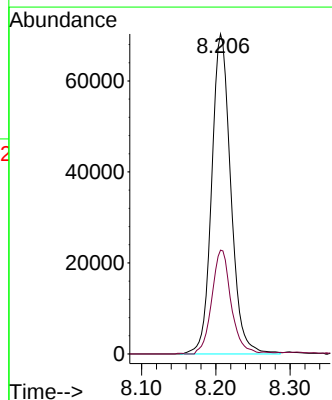
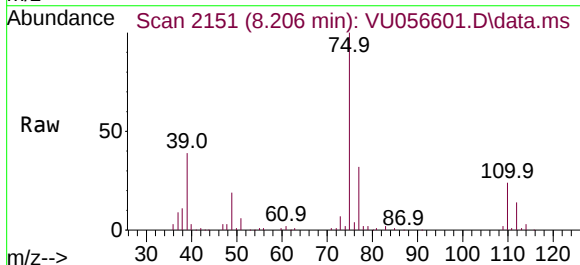
Acq: 24 Nov 2023 09:22

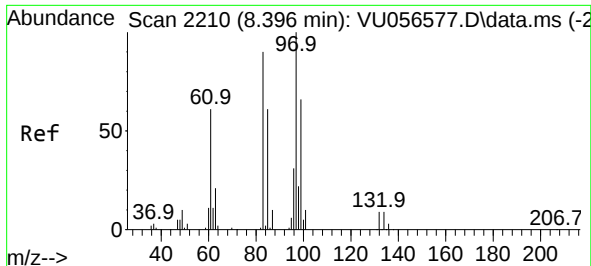
Tgt Ion: 75 Resp: 125658

Ion Ratio Lower Upper

75 100

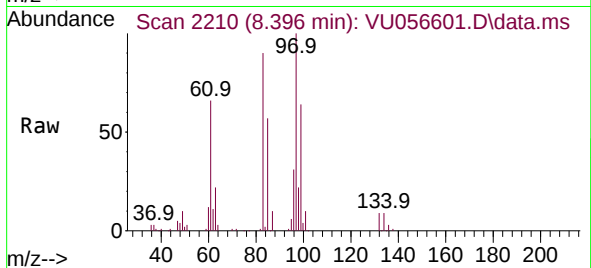
77 32.4 22.8 42.4



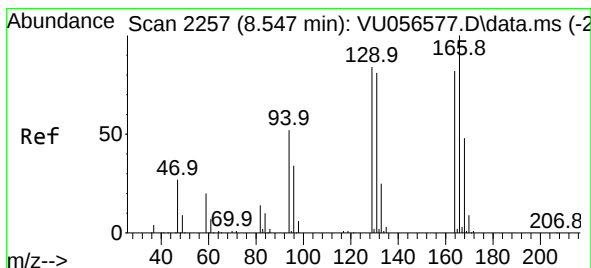
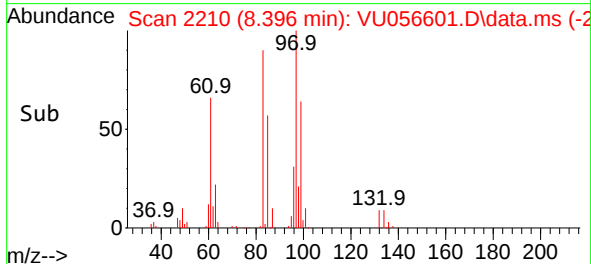
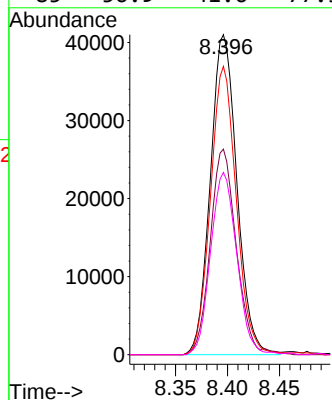


#45
1,1,2-Trichloroethane
Concen: 5.126 ug/L
RT: 8.396 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056601.D
Acq: 24 Nov 2023 09:22

Instrument :
MSVOA_U
ClientSampleId :

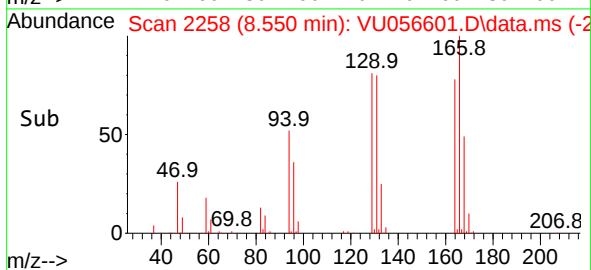
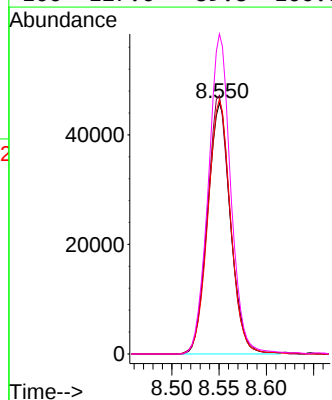
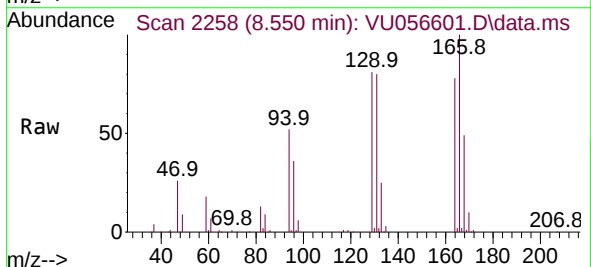


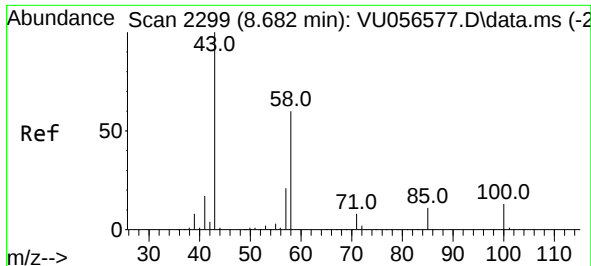
Tgt Ion:	97	Resp:	73009
Ion	Ratio	Lower	Upper
97	100		
99	64.2	44.3	82.3
83	90.1	65.4	121.4
85	56.9	41.6	77.3



#47
Tetrachloroethene
Concen: 5.151 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU056601.D
Acq: 24 Nov 2023 09:22

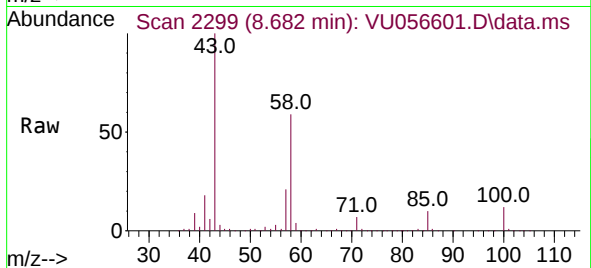
Tgt Ion:	164	Resp:	77618
Ion	Ratio	Lower	Upper
164	100		
129	103.1	71.0	131.9
131	101.6	70.3	130.7
166	127.6	89.8	166.8



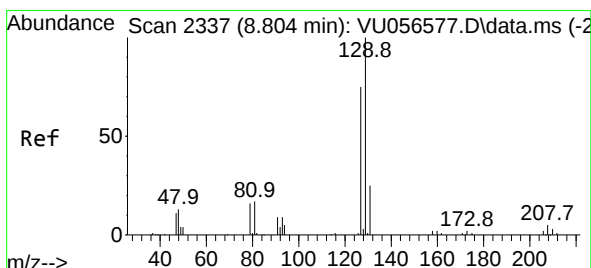
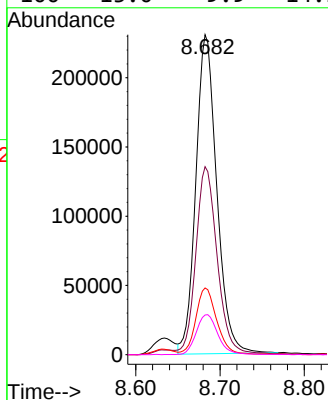
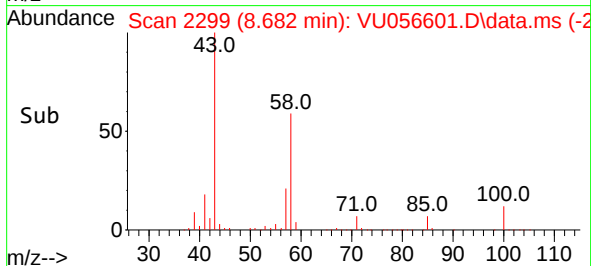


#48
2-Hexanone
Concen: 48.264 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.003 min
Lab File: VU056601.D
Acq: 24 Nov 2023 09:22

Instrument :
MSVOA_U
ClientSampleId :

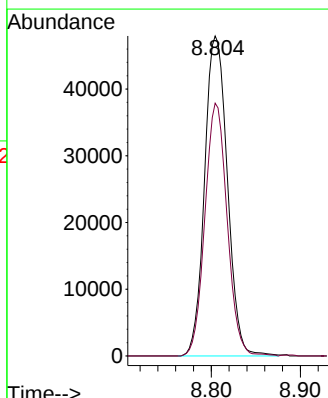
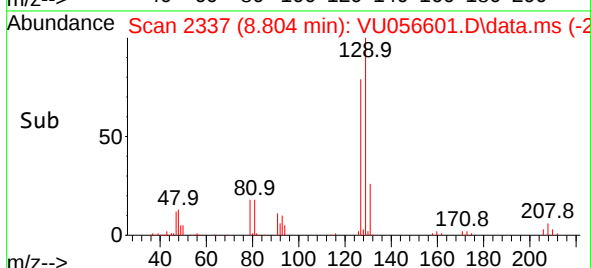
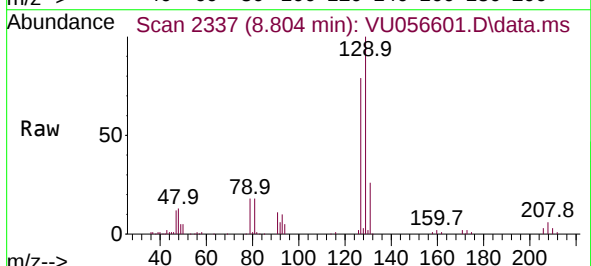


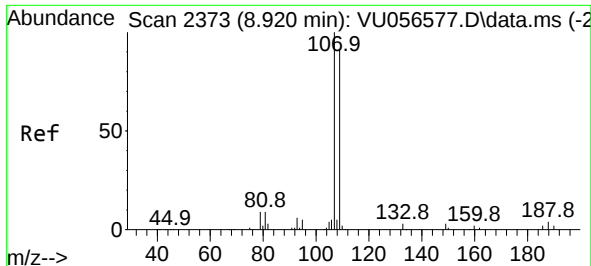
Tgt Ion:	43	Resp:	398638
Ion	Ratio	Lower	Upper
43	100		
58	59.7	48.7	73.1
57	20.6	16.8	25.2
100	13.0	9.9	14.9



#49
Dibromochloromethane
Concen: 5.261 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU056601.D
Acq: 24 Nov 2023 09:22

Tgt Ion:	129	Resp:	85215
Ion	Ratio	Lower	Upper
129	100		
127	79.0	52.9	98.3





#50

1,2-Dibromoethane

Concen: 4.936 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU056601.D

Acq: 24 Nov 2023 09:22

Instrument :

MSVOA_U

ClientSampleId :

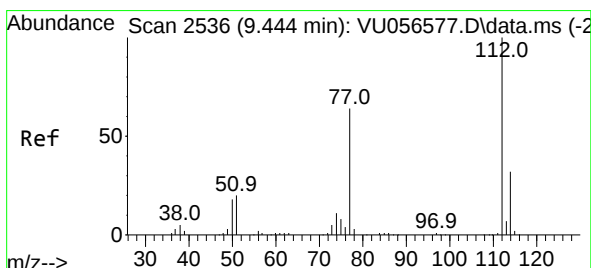
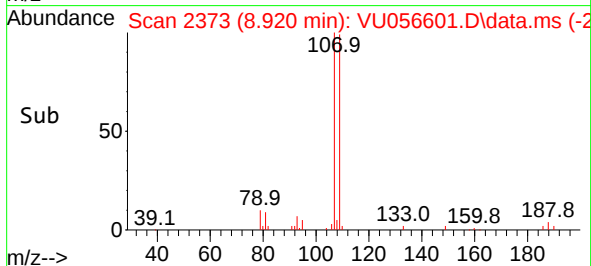
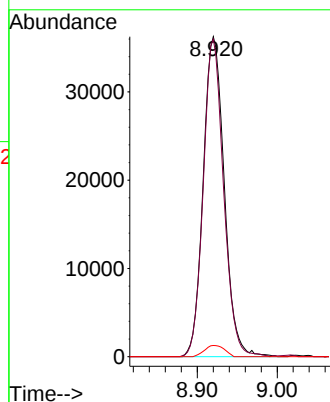
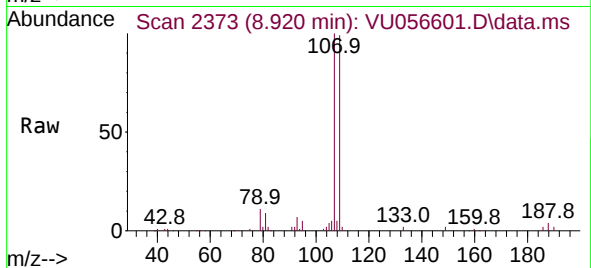
Tgt Ion:107 Resp: 66378

Ion Ratio Lower Upper

107 100

109 99.2 64.2 119.2

188 3.5 2.6 4.0



#51

Chlorobenzene

Concen: 5.092 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. 0.003 min

Lab File: VU056601.D

Acq: 24 Nov 2023 09:22

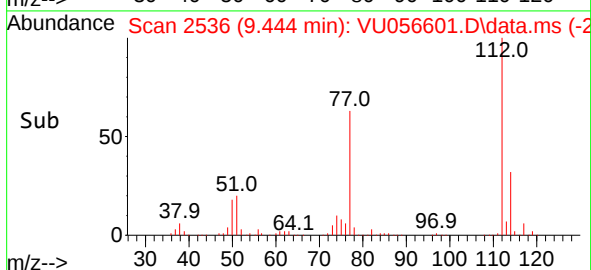
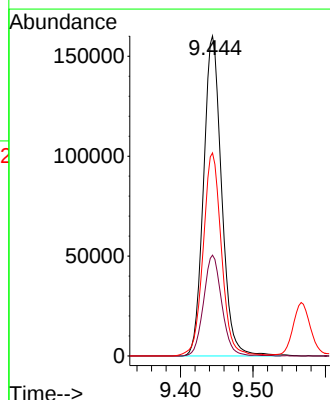
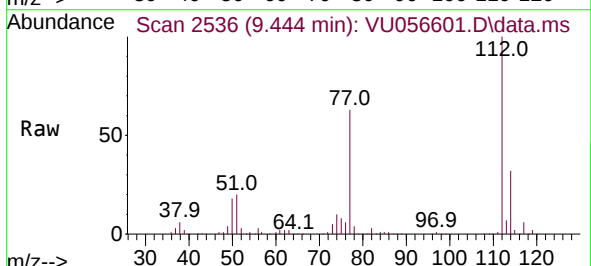
Tgt Ion:112 Resp: 277799

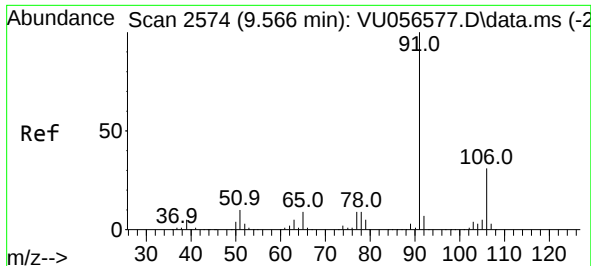
Ion Ratio Lower Upper

112 100

114 31.5 22.5 41.7

77 63.4 51.7 77.5

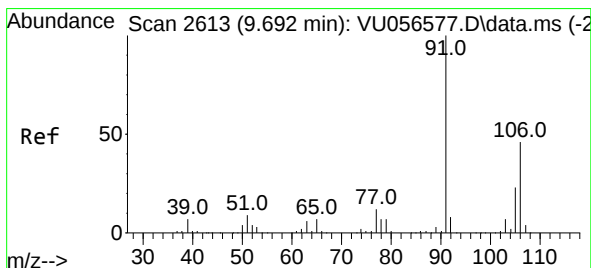
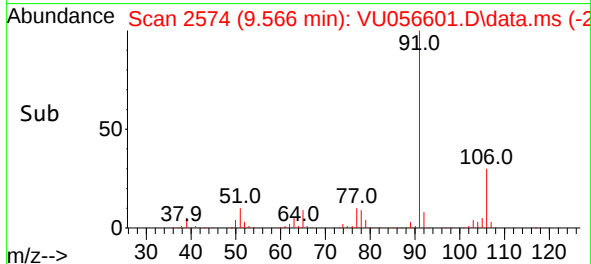
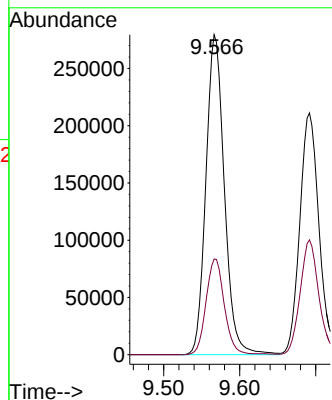
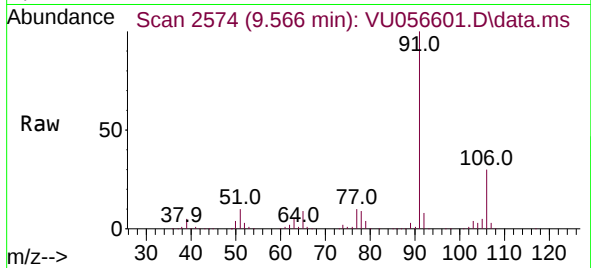




#52
Ethylbenzene
Concen: 5.002 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056601.D
Acq: 24 Nov 2023 09:22

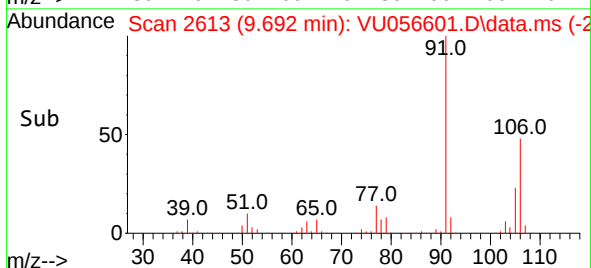
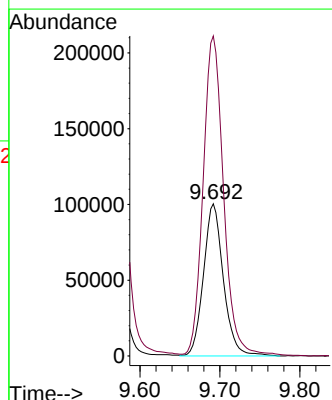
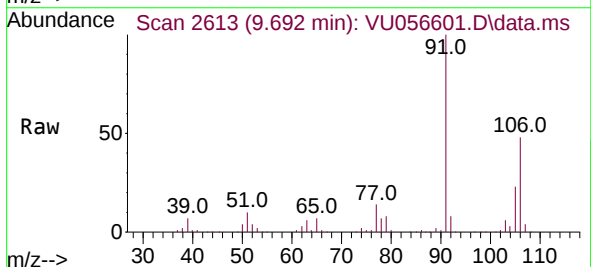
Instrument :
MSVOA_U
ClientSampleId :

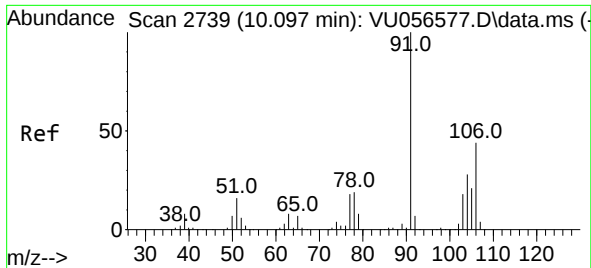
Tgt Ion: 91 Resp: 471636
Ion Ratio Lower Upper
91 100
106 29.9 21.1 39.1



#53
m,p-Xylene
Concen: 5.028 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU056601.D
Acq: 24 Nov 2023 09:22

Tgt Ion: 106 Resp: 174283
Ion Ratio Lower Upper
106 100
91 210.3 149.6 277.8

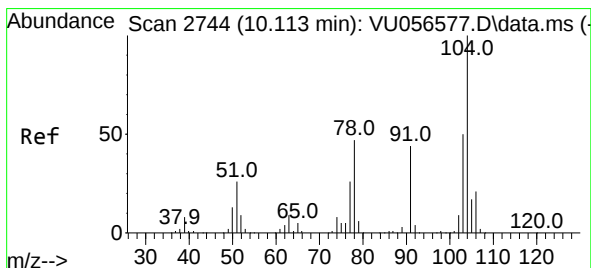
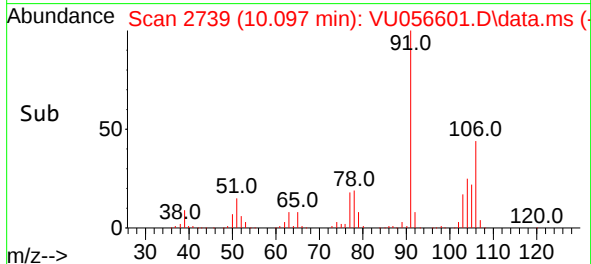
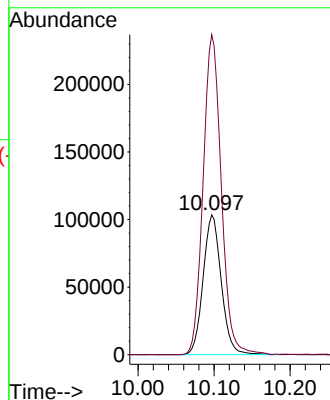
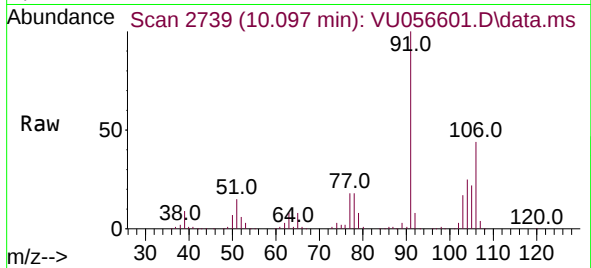




#54
o-Xylene
Concen: 5.096 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056601.D
Acq: 24 Nov 2023 09:22

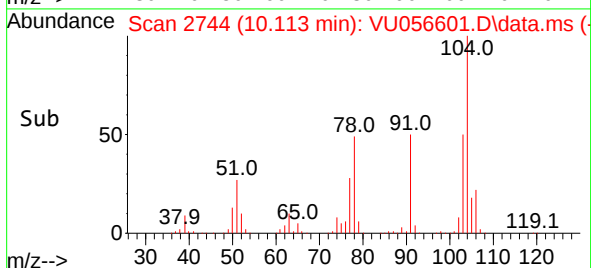
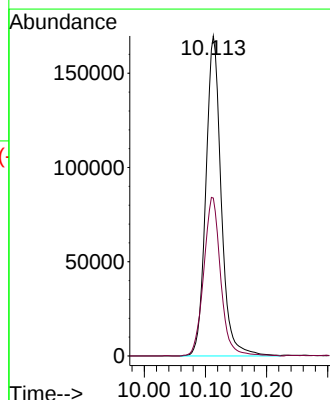
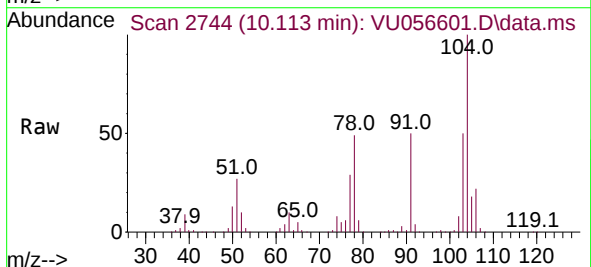
Instrument :
MSVOA_U
ClientSampleId :

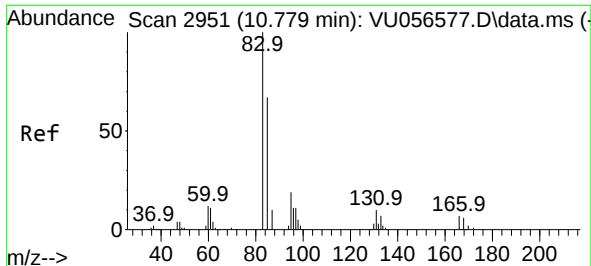
Tgt Ion:106 Resp: 171573
Ion Ratio Lower Upper
106 100
91 228.7 159.3 295.9



#55
Styrene
Concen: 5.298 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.003 min
Lab File: VU056601.D
Acq: 24 Nov 2023 09:22

Tgt Ion:104 Resp: 296741
Ion Ratio Lower Upper
104 100
78 49.3 34.2 63.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.210 ug/L

RT: 10.778 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VU056601.D

Acq: 24 Nov 2023 09:22

Instrument :

MSVOA_U

ClientSampleId :

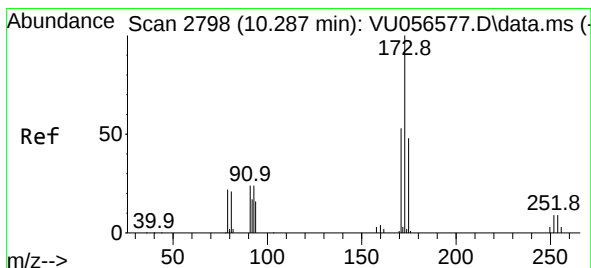
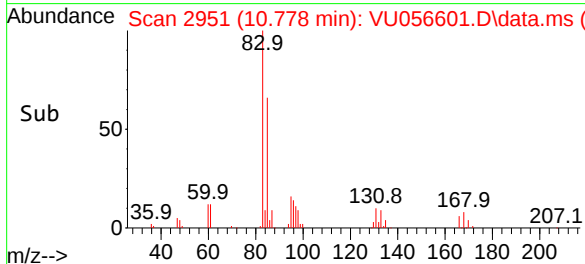
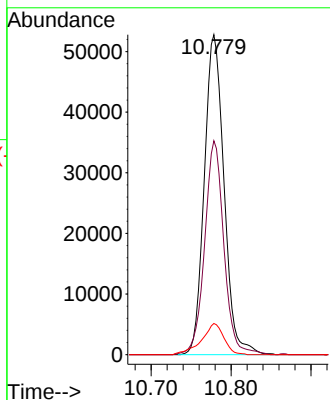
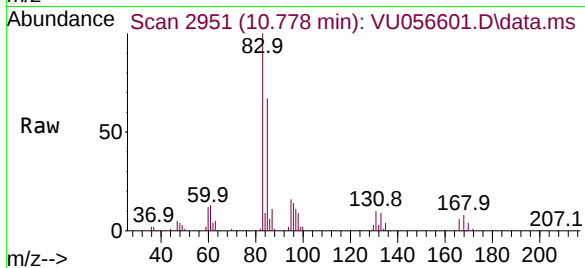
Tgt Ion: 83 Resp: 90618

Ion Ratio Lower Upper

83 100

85 66.9 46.3 86.1

131 9.7 6.7 10.1



#59

Bromoform

Concen: 5.828 ug/L

RT: 10.290 min Scan# 2799

Delta R.T. 0.006 min

Lab File: VU056601.D

Acq: 24 Nov 2023 09:22

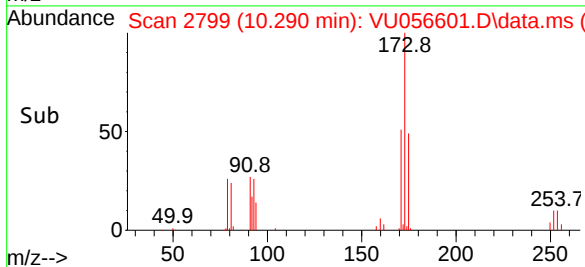
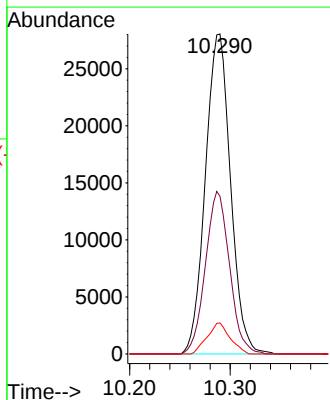
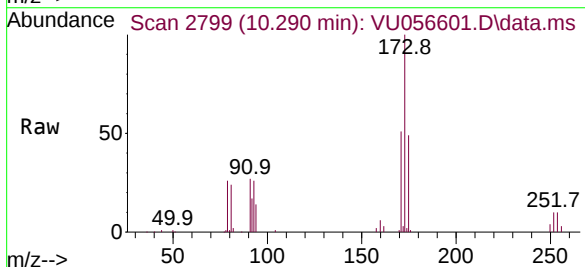
Tgt Ion:173 Resp: 48808

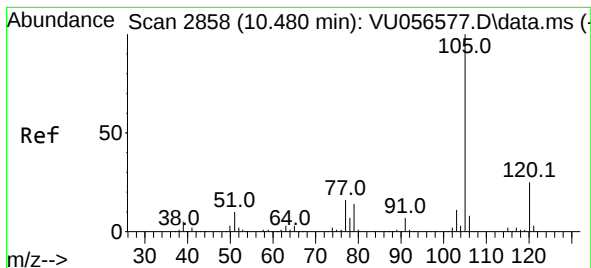
Ion Ratio Lower Upper

173 100

175 48.6 38.9 58.3

254 8.8 6.7 10.1





#60

Isopropylbenzene

Concen: 5.506 ug/L

RT: 10.479 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU056601.D

Acq: 24 Nov 2023 09:22

Instrument :

MSVOA_U

ClientSampleId :

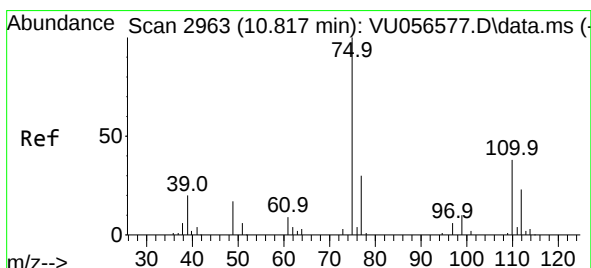
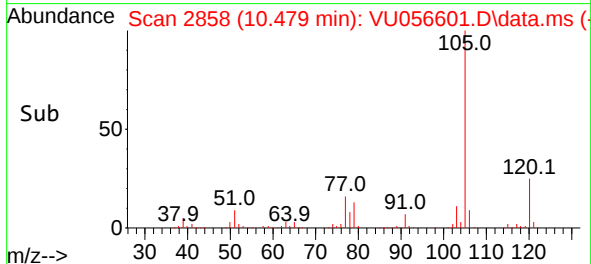
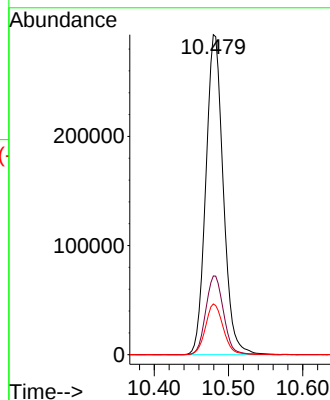
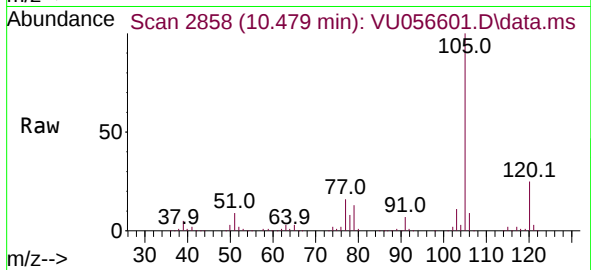
Tgt Ion:105 Resp: 477423

Ion Ratio Lower Upper

105 100

120 25.2 20.4 30.6

77 16.2 13.3 19.9



#61

1,2,3-Trichloropropane

Concen: 5.484 ug/L

RT: 10.820 min Scan# 2964

Delta R.T. 0.003 min

Lab File: VU056601.D

Acq: 24 Nov 2023 09:22

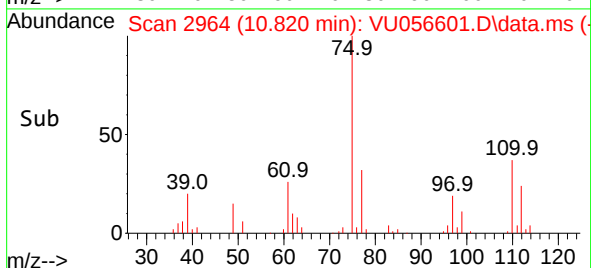
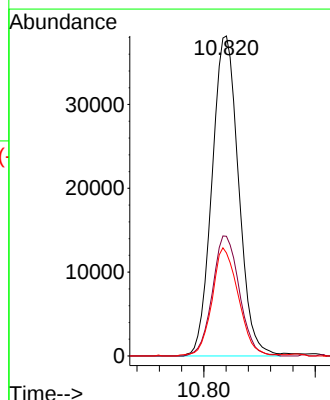
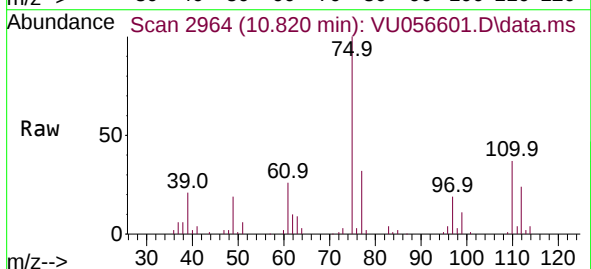
Tgt Ion: 75 Resp: 63266

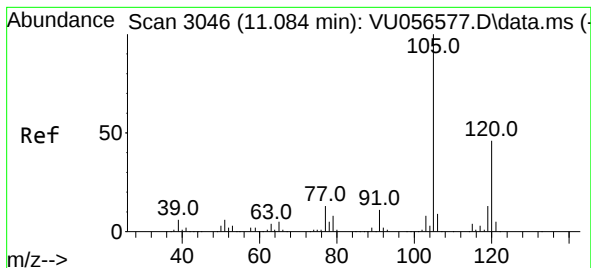
Ion Ratio Lower Upper

75 100

110 38.1 30.4 45.6

77 33.5 27.0 40.6





#62

1,3,5-Trimethylbenzene

Concen: 5.167 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.003 min

Lab File: VU056601.D

Acq: 24 Nov 2023 09:22

Instrument :

MSVOA_U

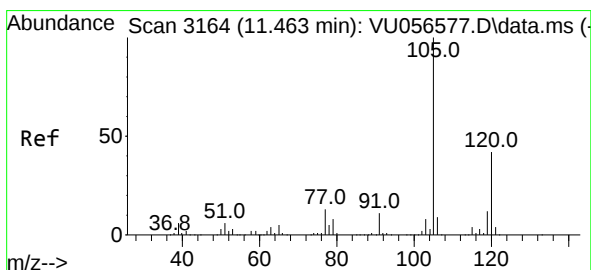
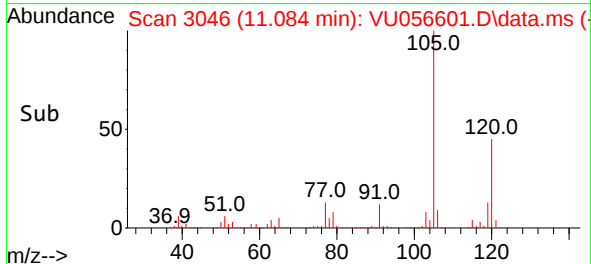
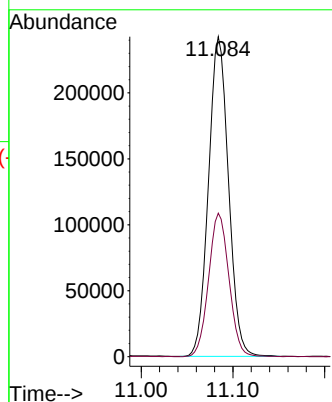
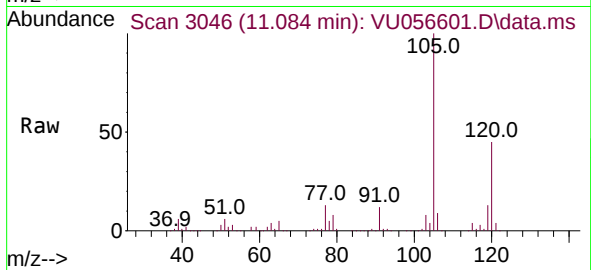
ClientSampleId :

Tgt Ion:105 Resp: 367898

Ion Ratio Lower Upper

105 100

120 45.6 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 5.232 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU056601.D

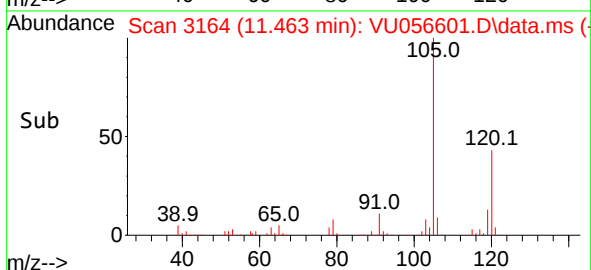
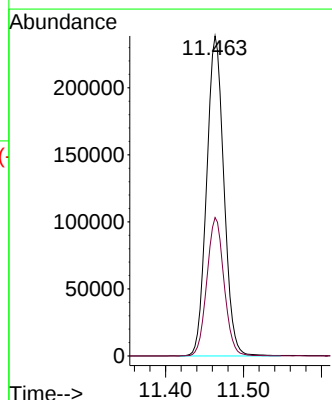
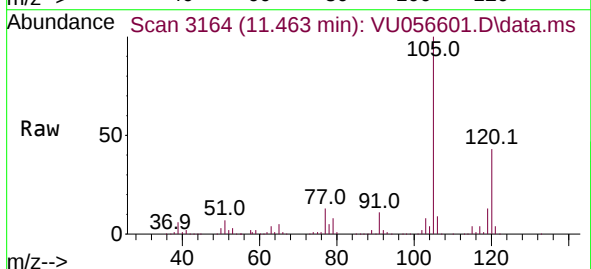
Acq: 24 Nov 2023 09:22

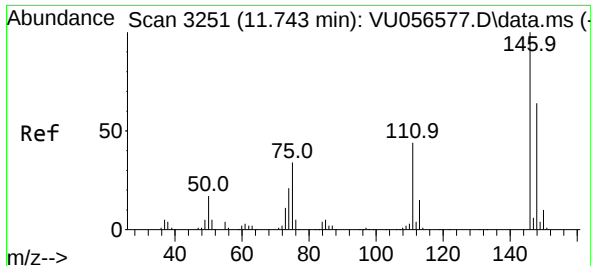
Tgt Ion:105 Resp: 367700

Ion Ratio Lower Upper

105 100

120 43.1 34.0 51.0

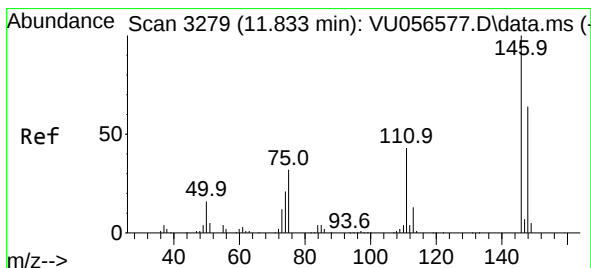
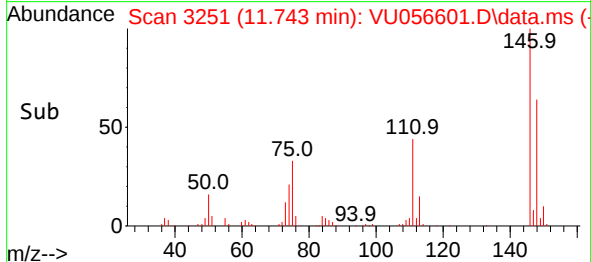
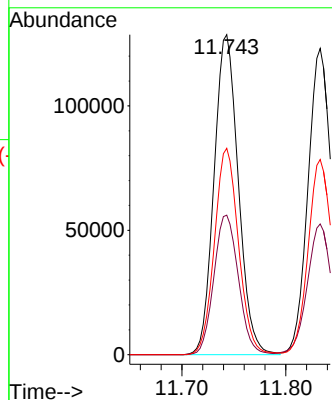
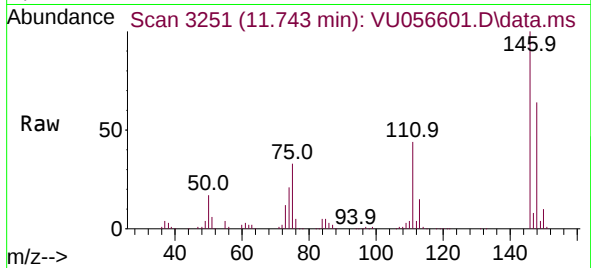




#64
1,3-Dichlorobenzene
Concen: 5.296 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU056601.D
Acq: 24 Nov 2023 09:22

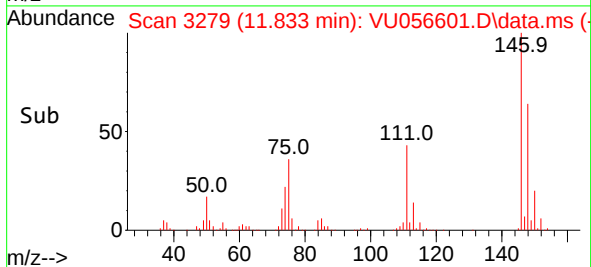
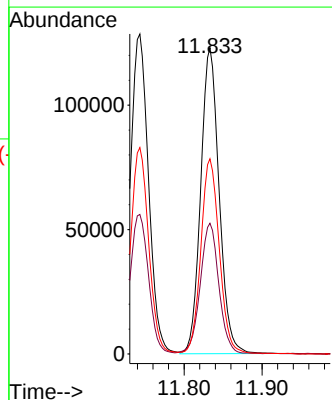
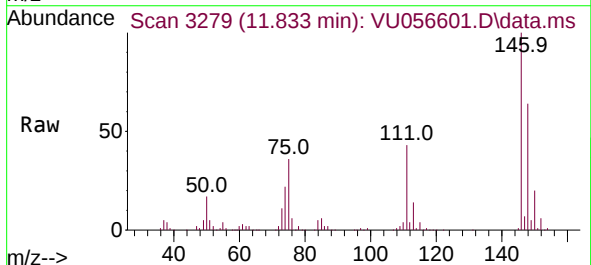
Instrument :
MSVOA_U
ClientSampleId :

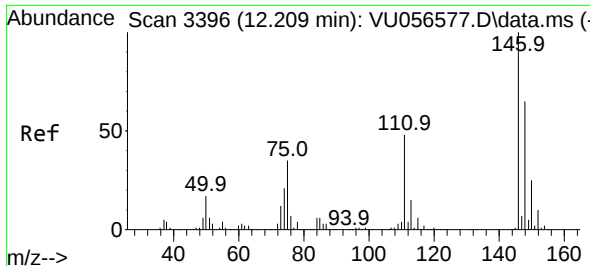
Tgt Ion:146 Resp: 208916
Ion Ratio Lower Upper
146 100
111 43.6 31.1 57.7
148 64.5 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 5.103 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU056601.D
Acq: 24 Nov 2023 09:22

Tgt Ion:146 Resp: 201906
Ion Ratio Lower Upper
146 100
111 42.7 30.5 56.7
148 63.7 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.130 ug/L

RT: 12.209 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU056601.D

Acq: 24 Nov 2023 09:22

Instrument :

MSVOA_U

ClientSampleId :

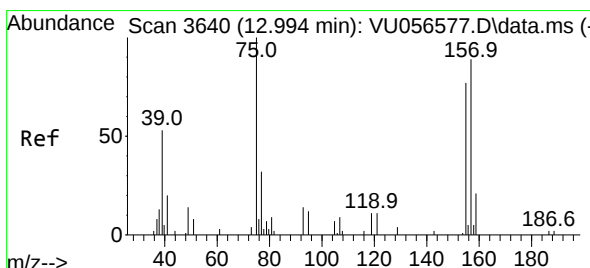
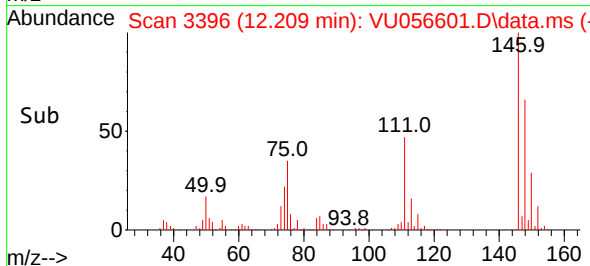
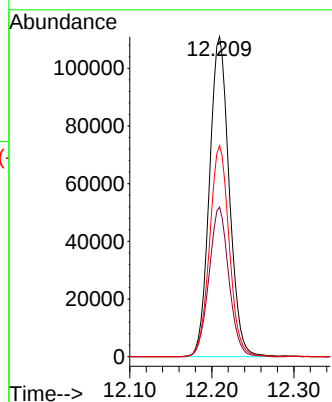
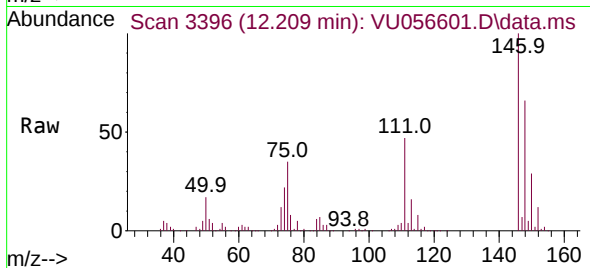
Tgt Ion:146 Resp: 185646

Ion Ratio Lower Upper

146 100

111 46.7 38.3 57.5

148 66.0 52.2 78.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.587 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.003 min

Lab File: VU056601.D

Acq: 24 Nov 2023 09:22

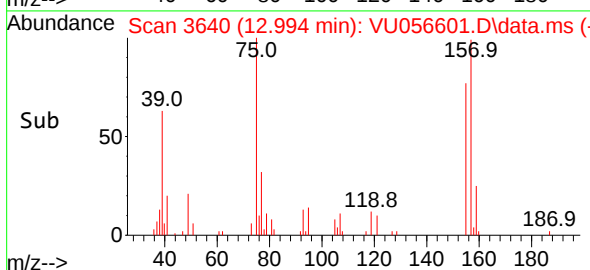
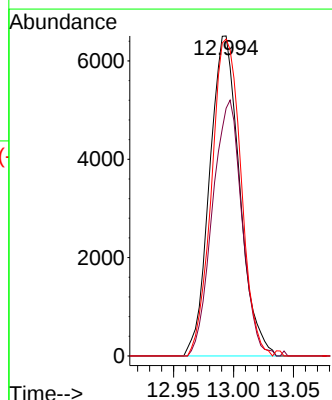
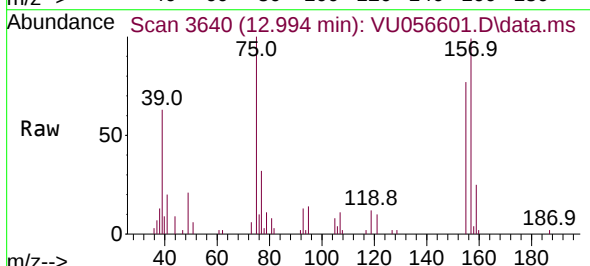
Tgt Ion: 75 Resp: 11303

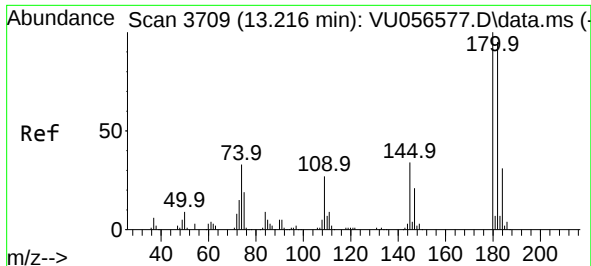
Ion Ratio Lower Upper

75 100

155 77.4 62.4 93.6

157 99.1 80.2 120.2





#69

1,3,5-Trichlorobenzene

Concen: 5.174 ug/L

RT: 13.216 min Scan# 31

Delta R.T. 0.003 min

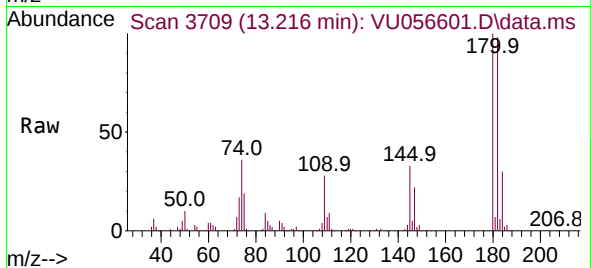
Lab File: VU056601.D

Acq: 24 Nov 2023 09:22

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 153656

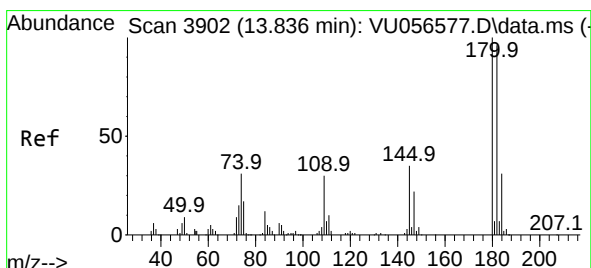
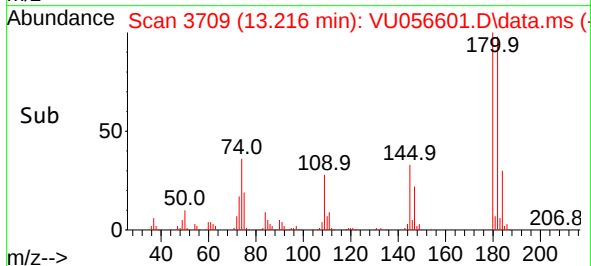
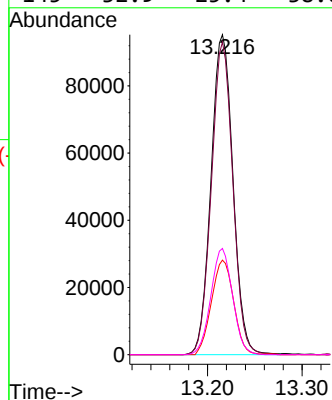
Ion Ratio Lower Upper

180 100

182 95.3 75.1 112.7

184 29.8 23.5 35.3

145 32.9 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 4.693 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.003 min

Lab File: VU056601.D

Acq: 24 Nov 2023 09:22

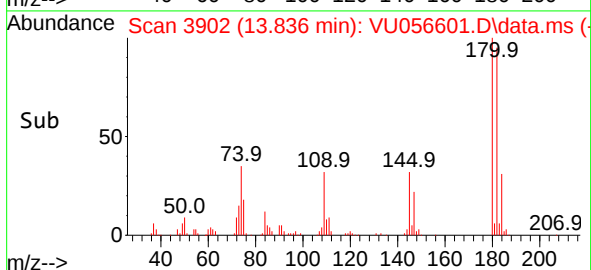
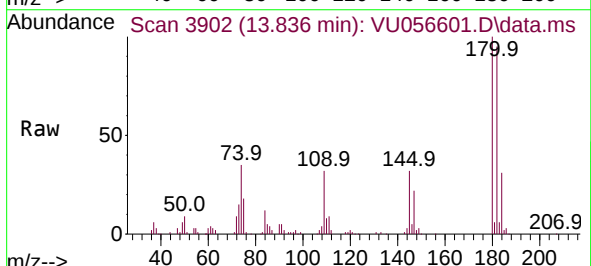
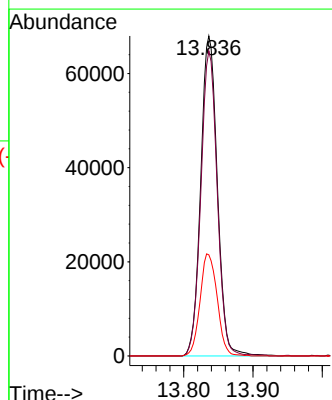
Tgt Ion:180 Resp: 113508

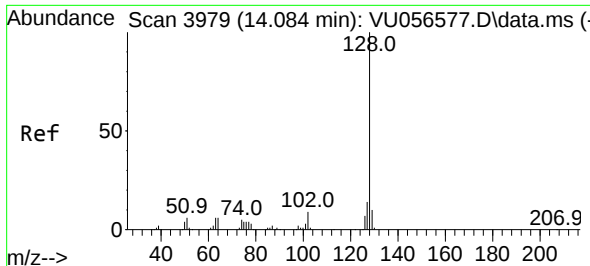
Ion Ratio Lower Upper

180 100

182 93.5 75.4 113.2

145 32.8 26.8 40.2

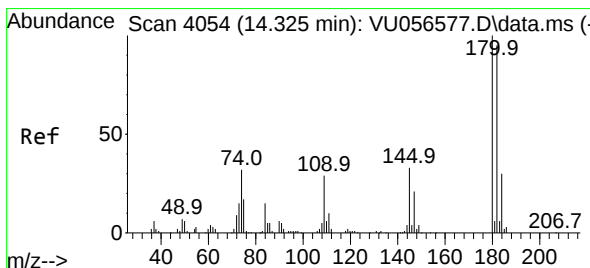
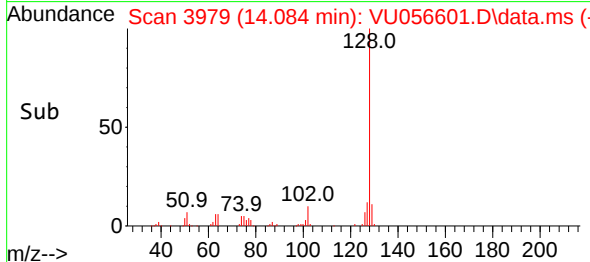
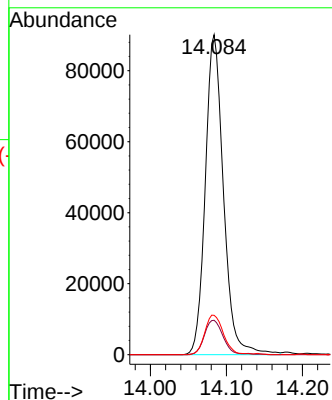
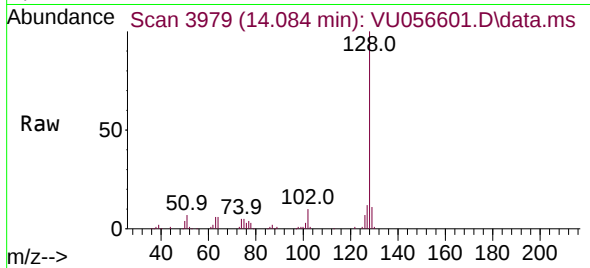




#71
Naphthalene
Concen: 4.104 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.003 min
Lab File: VU056601.D
Acq: 24 Nov 2023 09:22

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 149974
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 12.7 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 4.737 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU056601.D
Acq: 24 Nov 2023 09:22

Tgt Ion:180 Resp: 94396
Ion Ratio Lower Upper
180 100
182 94.7 78.6 117.8
145 34.9 29.0 43.6

