

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU113023\
 Data File : VU056641.D
 Acq On : 30 Nov 2023 09:30
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 30 22:23:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 29 23:29:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	263283	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	263653	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	126970	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	92540	4.699	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.000%
7) Chloroethane-d5	1.911	69	71573	4.740	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.560	65	41724	4.801	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.000%
20) 2-Butanone-d5	4.624	46	246613	62.803	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.600%
24) Chloroform-d	5.055	84	208914	5.485	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.600%
26) 1,2-Dichloroethane-d4	5.695	65	98738	5.610	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.200%
32) Benzene-d6	5.721	84	380741	4.847	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	6.685	67	119675	5.055	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	7.894	98	333117	4.802	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	8.177	79	46206	5.089	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.800%
46) 2-Hexanone-d5	8.634	63	200360	56.152	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.300%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	93224	5.511	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	117219	4.997	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	97779	4.687	ug/L	99
3) Chloromethane	1.515	50	96747	4.538	ug/L	96
5) Vinyl chloride	1.602	62	102127	4.972	ug/L	92
6) Bromomethane	1.856	94	57361	5.518	ug/L	95
8) Chloroethane	1.930	64	61186	4.877	ug/L	95
9) Trichlorofluoromethane	2.132	101	160281	5.415	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	101985	5.804	ug/L	97
12) 1,1-Dichloroethene	2.576	96	86968	5.396	ug/L	94
13) Acetone	2.637	43	169711	50.744	ug/L	100
14) Carbon disulfide	2.788	76	214011	4.081	ug/L	100
15) Methyl Acetate	2.952	43	34794	5.846	ug/L	97
16) Methylene chloride	3.039	84	110624	5.187	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	227731	5.816	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	89378	5.390	ug/L	98
19) 1,1-Dichloroethane	3.862	63	192496	5.860	ug/L	98
21) 2-Butanone	4.708	43	232156	53.496	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	103971	5.529	ug/L	97
23) Bromochloromethane	4.968	128	44620	5.764	ug/L	94
25) Chloroform	5.081	83	208232	5.851	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU113023\
 Data File : VU056641.D
 Acq On : 30 Nov 2023 09:30
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

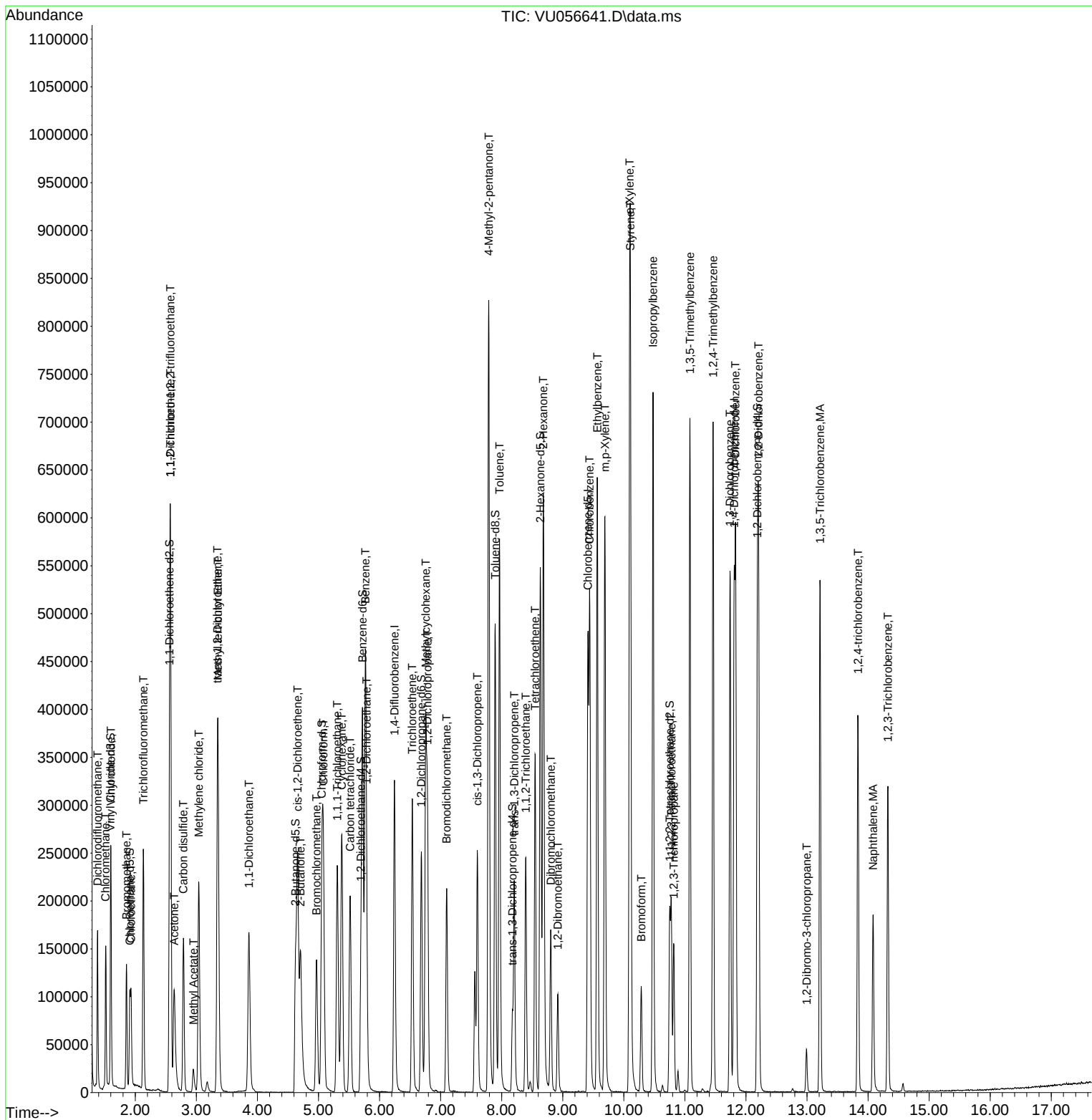
Instrument :
 MSVOA_U
 ClientSampleId :

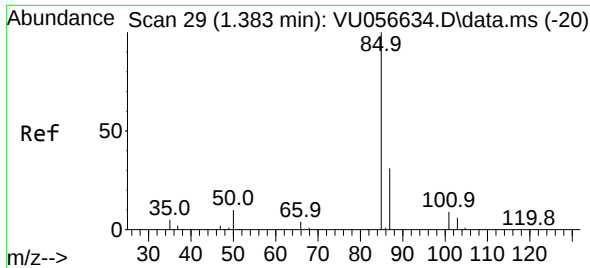
Quant Time: Nov 30 22:23:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 29 23:29:11 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	118291	5.854	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	174371	5.762	ug/L	100
30) Cyclohexane	5.383	56	134971	4.699	ug/L	99
31) Carbon tetrachloride	5.518	117	143590	5.524	ug/L	98
33) Benzene	5.769	78	408038	5.424	ug/L	100
34) Trichloroethene	6.537	95	108645	5.301	ug/L	97
35) Methylcyclohexane	6.759	83	140983	4.764	ug/L	97
37) 1,2-Dichloropropane	6.785	63	109460	5.579	ug/L	100
38) Bromodichloromethane	7.100	83	143611	5.670	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	154739	5.368	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	552935	56.857	ug/L	99
42) Toluene	7.965	91	434880	5.584	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	128995	5.613	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	78672	6.021	ug/L	94
47) Tetrachloroethene	8.550	164	74594	5.397	ug/L	95
48) 2-Hexanone	8.682	43	409388	54.036	ug/L	99
49) Dibromochloromethane	8.804	129	85802	5.775	ug/L	99
50) 1,2-Dibromoethane	8.920	107	67880	5.503	ug/L	97
51) Chlorobenzene	9.441	112	279972	5.594	ug/L	99
52) Ethylbenzene	9.566	91	472308	5.461	ug/L	99
53) m,p-Xylene	9.692	106	177732	5.590	ug/L	100
54) o-Xylene	10.097	106	171199	5.543	ug/L	100
55) Styrene	10.110	104	296652	5.774	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	96042	6.020	ug/L	98
59) Bromoform	10.287	173	49714	6.286	ug/L	99
60) Isopropylbenzene	10.479	105	475472	5.807	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	66383	6.093	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	382522	5.689	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	390069	5.878	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	221170	5.938	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	215292	5.762	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	199162	5.828	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	12746	5.477	ug/L	91
69) 1,3,5-Trichlorobenzene	13.216	180	160127	5.710	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	118469	5.187	ug/L	99
71) Naphthalene	14.084	128	152768	4.427	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	94372	5.016	ug/L	98

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

Quant Time: Nov 30 22:23:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 29 23:29:11 2023
Response via : Initial Calibration

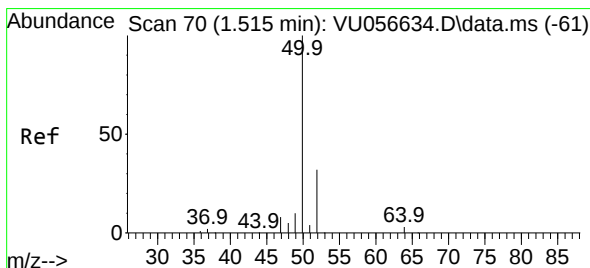
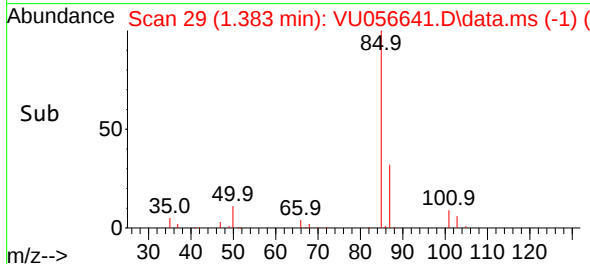
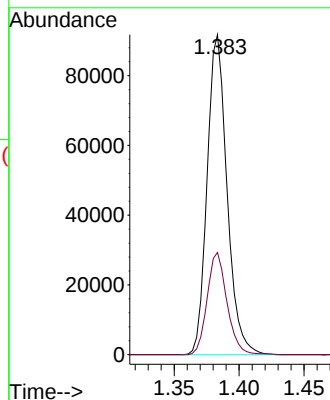
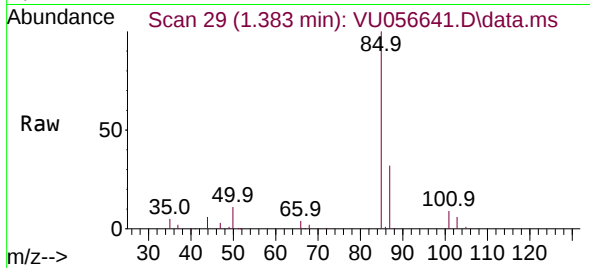




#2
 Dichlorodifluoromethane
 Concen: 4.687 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU056641.D
 Acq: 30 Nov 2023 09:30

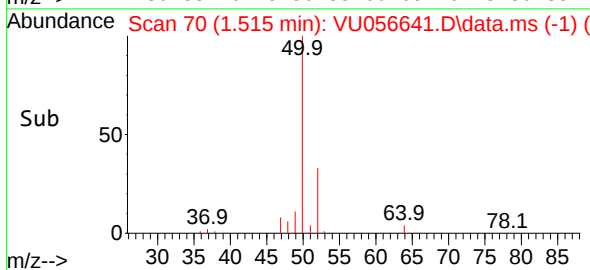
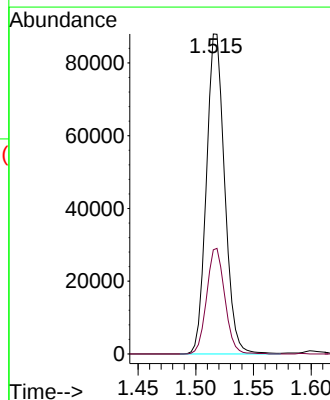
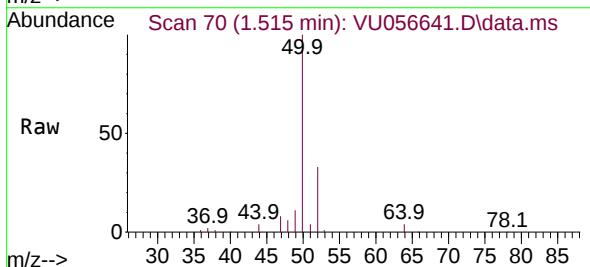
Instrument :
 MSVOA_U
 ClientSampleId :

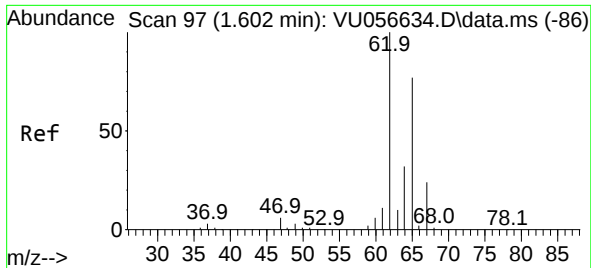
Tgt Ion: 85 Resp: 97779
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.0 37.4



#3
 Chloromethane
 Concen: 4.538 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU056641.D
 Acq: 30 Nov 2023 09:30

Tgt Ion: 50 Resp: 96747
 Ion Ratio Lower Upper
 50 100
 52 32.6 24.3 45.1

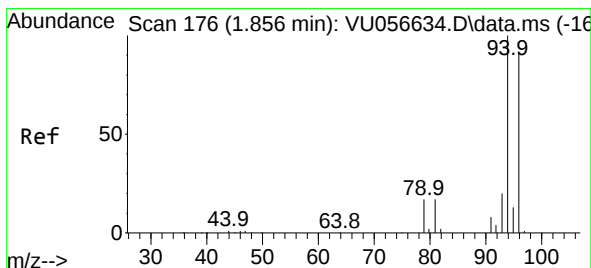
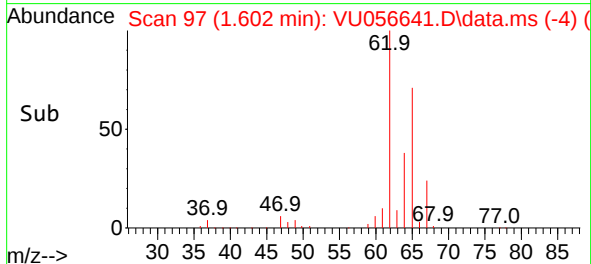
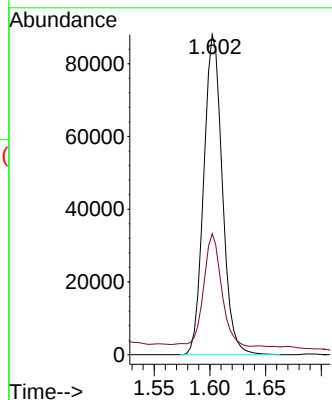
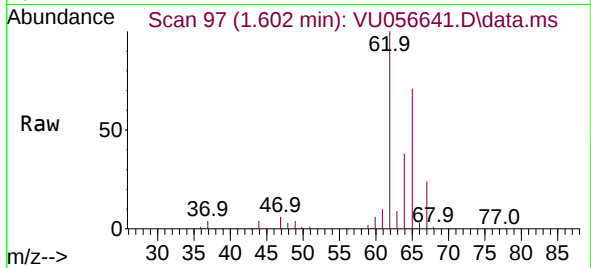




#5
 Vinyl chloride
 Concen: 4.972 ug/L
 RT: 1.602 min Scan# 97
 Delta R.T. 0.000 min
 Lab File: VU056641.D
 Acq: 30 Nov 2023 09:30

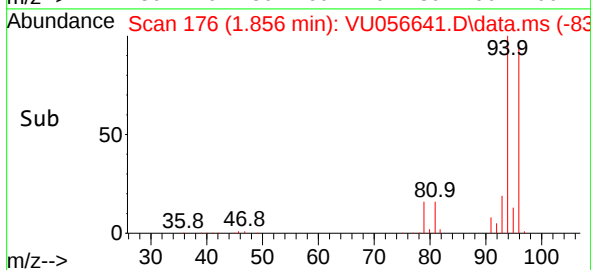
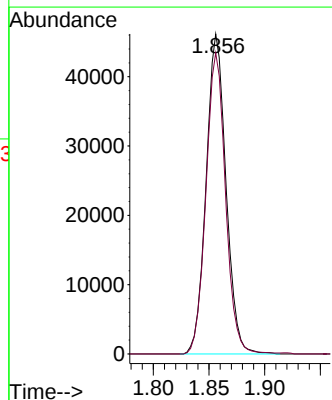
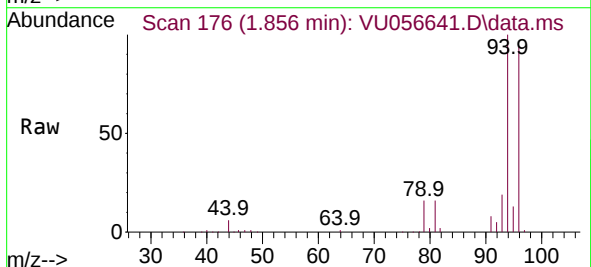
Instrument :
 MSVOA_U
 ClientSampleId :

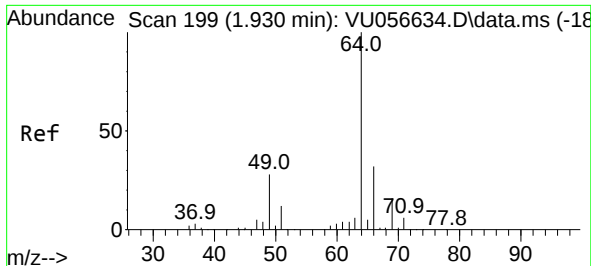
Tgt Ion: 62 Resp: 102127
 Ion Ratio Lower Upper
 62 100
 64 37.8 23.3 43.3



#6
 Bromomethane
 Concen: 5.518 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.000 min
 Lab File: VU056641.D
 Acq: 30 Nov 2023 09:30

Tgt Ion: 94 Resp: 57361
 Ion Ratio Lower Upper
 94 100
 96 94.1 62.6 116.2





#8

Chloroethane

Concen: 4.877 ug/L

RT: 1.930 min Scan# 199

Delta R.T. 0.000 min

Lab File: VU056641.D

Acq: 30 Nov 2023 09:30

Instrument :

MSVOA_U

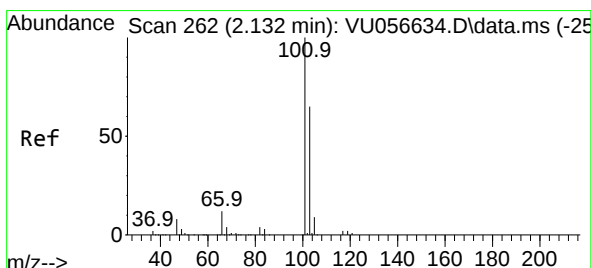
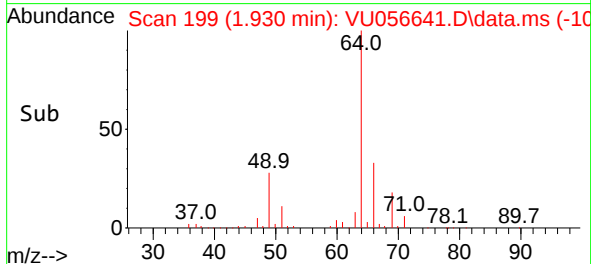
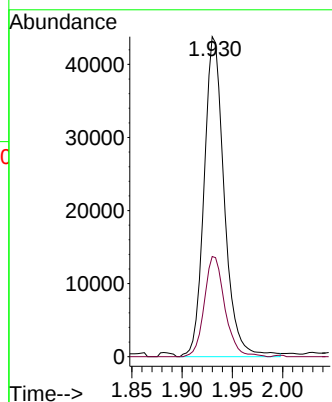
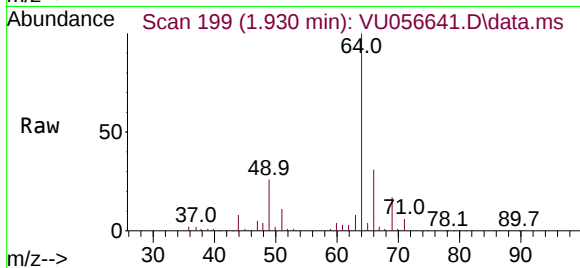
ClientSampleId :

Tgt Ion: 64 Resp: 61186

Ion Ratio Lower Upper

64 100

66 31.3 23.9 44.5



#9

Trichlorofluoromethane

Concen: 5.415 ug/L

RT: 2.132 min Scan# 262

Delta R.T. 0.000 min

Lab File: VU056641.D

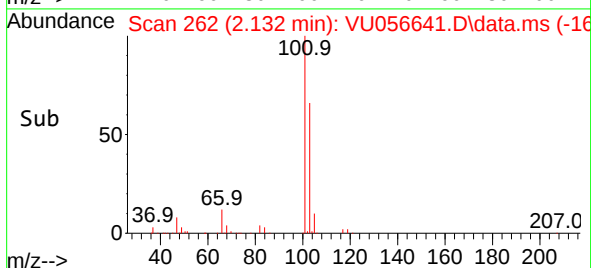
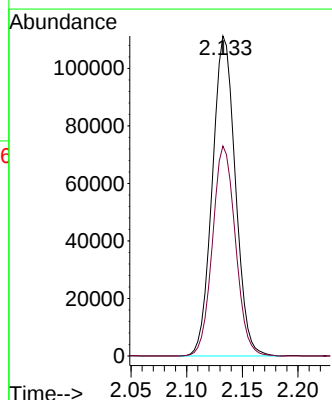
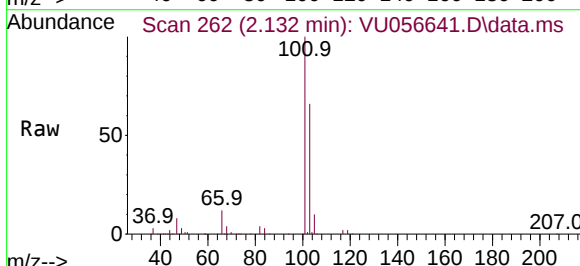
Acq: 30 Nov 2023 09:30

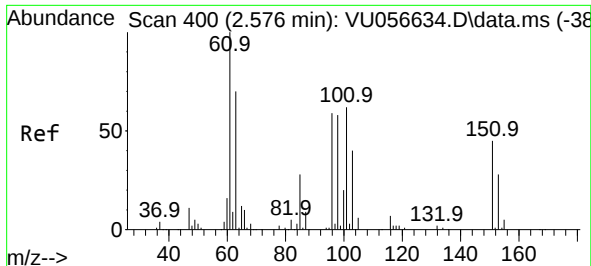
Tgt Ion:101 Resp: 160281

Ion Ratio Lower Upper

101 100

103 65.3 52.0 78.0

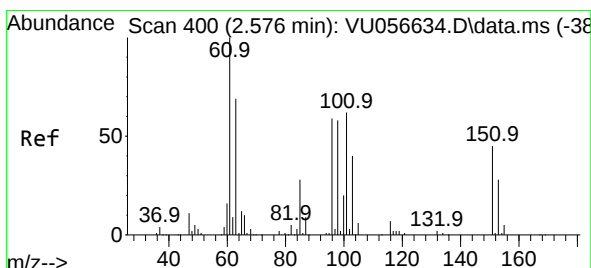
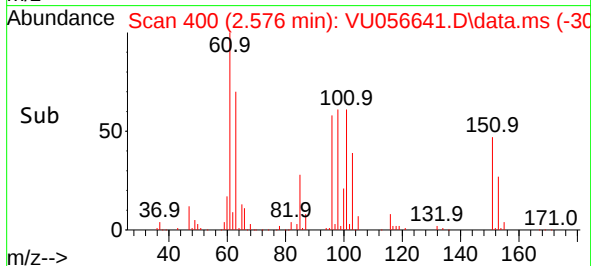
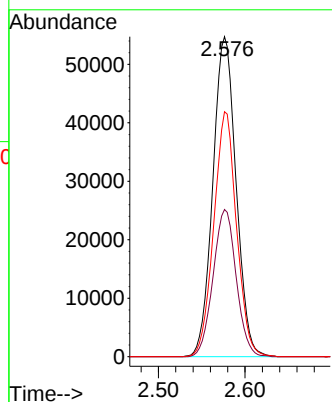
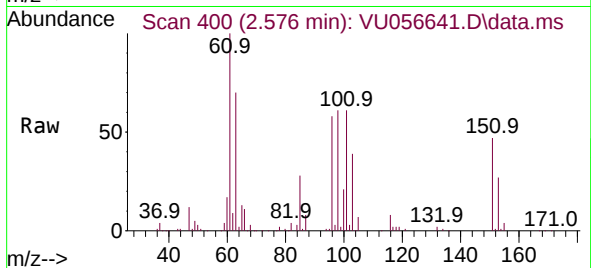




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.804 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU056641.D
 Acq: 30 Nov 2023 09:30

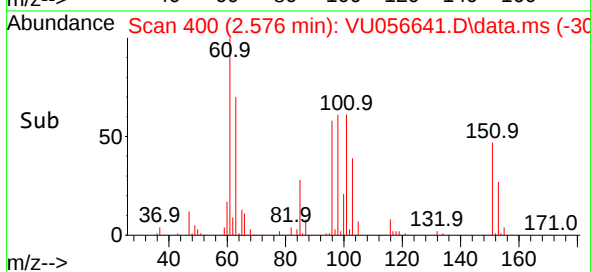
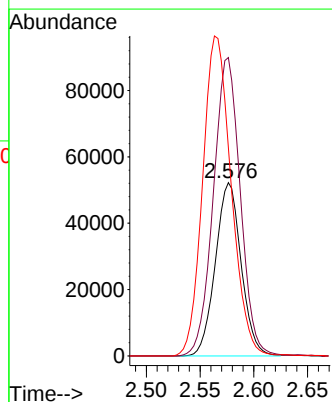
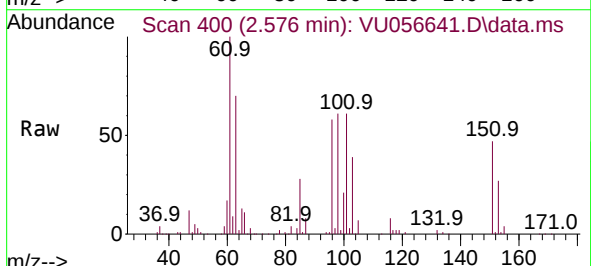
Instrument :
 MSVOA_U
 ClientSampleId :

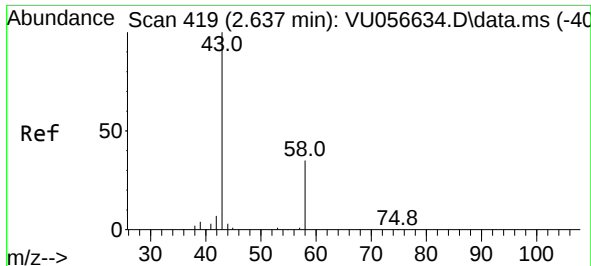
Tgt Ion:101 Resp: 101985
 Ion Ratio Lower Upper
 101 100
 85 45.7 35.4 53.0
 151 75.0 58.0 87.0



#12
 1,1-Dichloroethene
 Concen: 5.396 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU056641.D
 Acq: 30 Nov 2023 09:30

Tgt Ion: 96 Resp: 86968
 Ion Ratio Lower Upper
 96 100
 61 172.2 123.1 228.7
 63 120.4 93.3 173.3





#13

Acetone

Concen: 50.744 ug/L

RT: 2.637 min Scan# 419

Delta R.T. 0.000 min

Lab File: VU056641.D

Acq: 30 Nov 2023 09:30

Instrument :

MSVOA_U

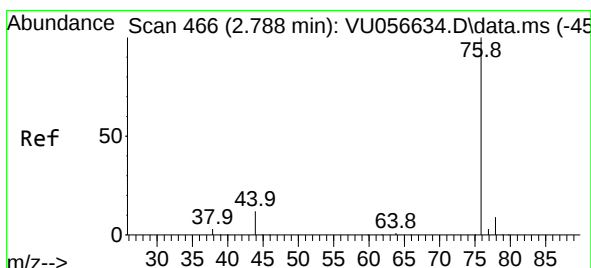
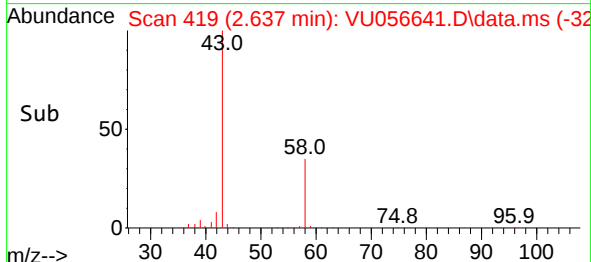
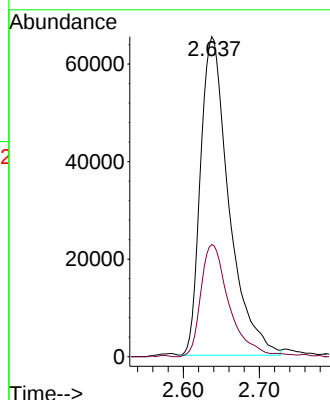
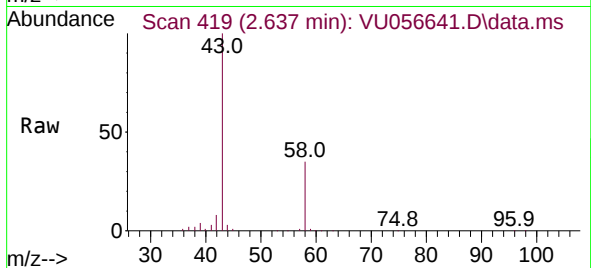
ClientSampleId :

Tgt Ion: 43 Resp: 169711

Ion Ratio Lower Upper

43 100

58 34.8 0.0 70.0



#14

Carbon disulfide

Concen: 4.081 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU056641.D

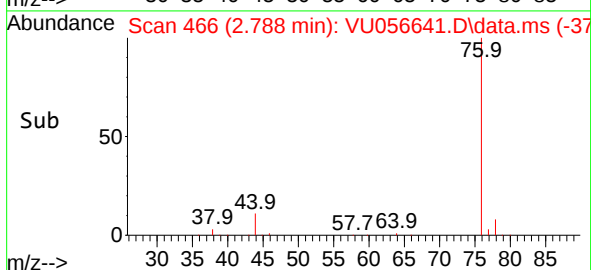
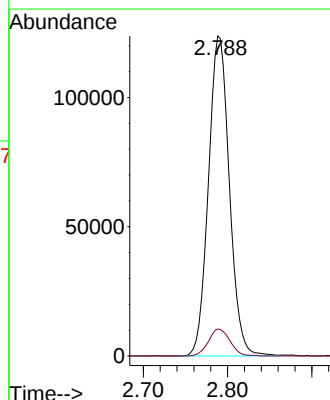
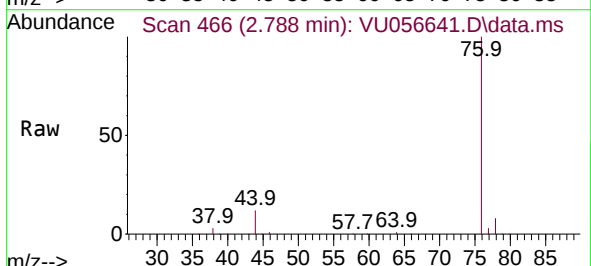
Acq: 30 Nov 2023 09:30

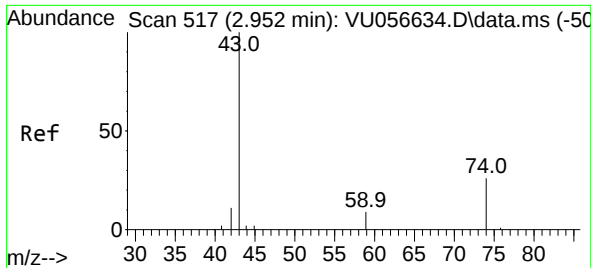
Tgt Ion: 76 Resp: 214011

Ion Ratio Lower Upper

76 100

78 8.4 6.8 10.2

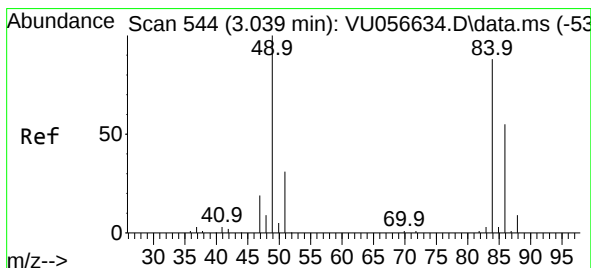
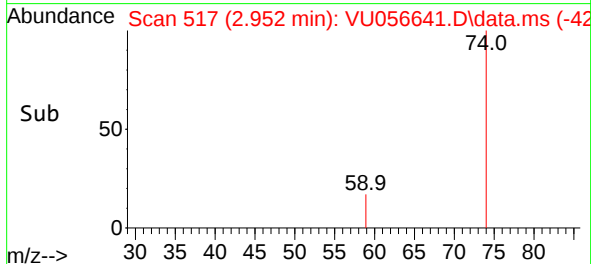
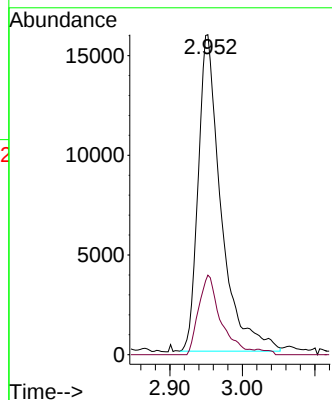
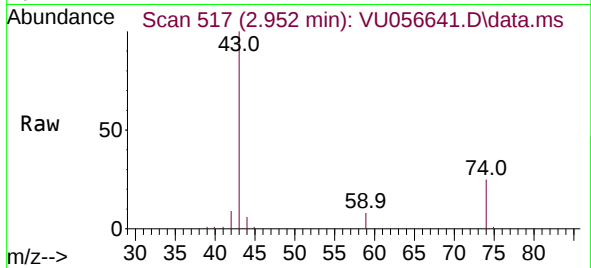




#15
Methyl Acetate
Concen: 5.846 ug/L
RT: 2.952 min Scan# 517
Delta R.T. 0.000 min
Lab File: VU056641.D
Acq: 30 Nov 2023 09:30

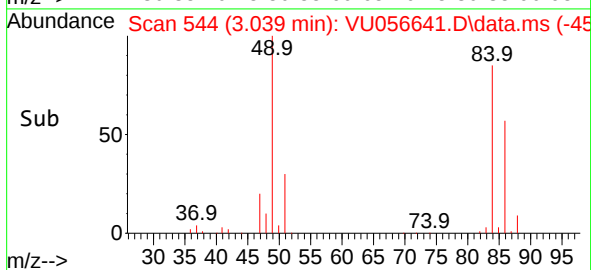
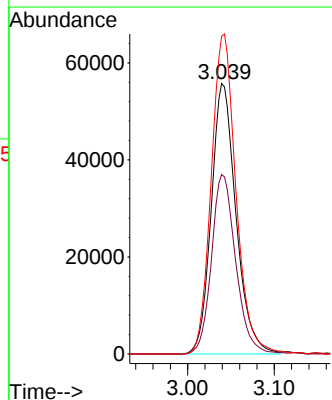
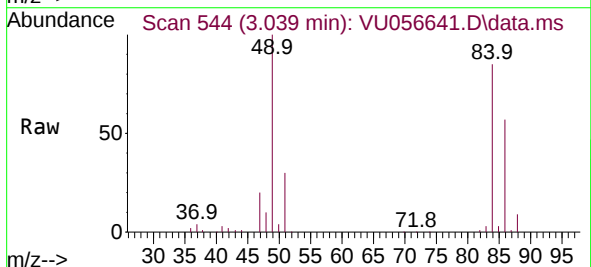
Instrument :
MSVOA_U
ClientSampleId :

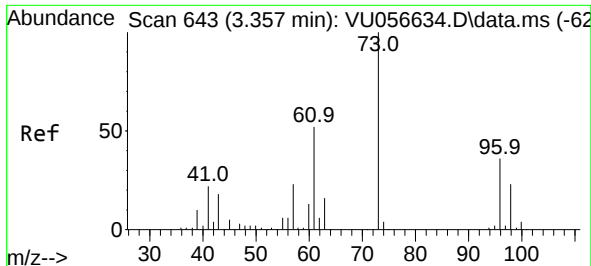
Tgt Ion: 43 Resp: 34794
Ion Ratio Lower Upper
43 100
74 24.4 20.6 31.0



#16
Methylene chloride
Concen: 5.187 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU056641.D
Acq: 30 Nov 2023 09:30

Tgt Ion: 84 Resp: 110624
Ion Ratio Lower Upper
84 100
86 66.4 44.7 83.1
49 117.5 81.8 152.0

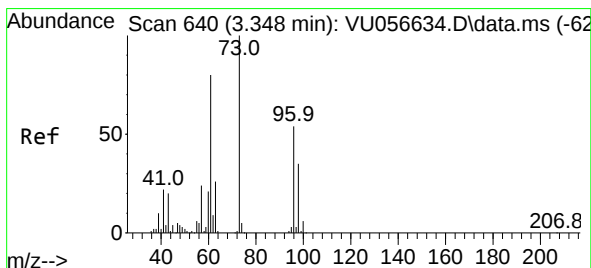
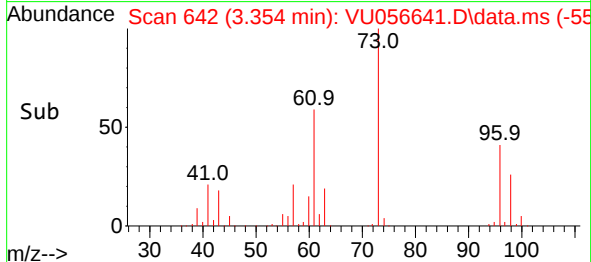
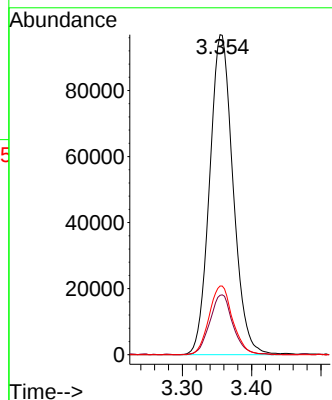
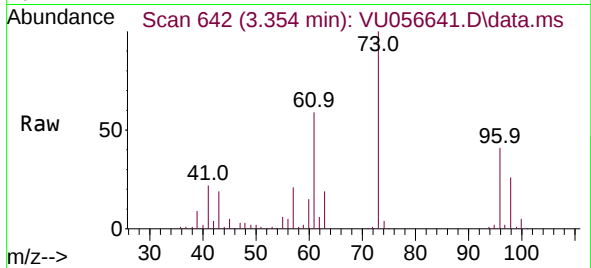




#17
Methyl tert-butyl Ether
Concen: 5.816 ug/L
RT: 3.354 min Scan# 643
Delta R.T. -0.003 min
Lab File: VU056641.D
Acq: 30 Nov 2023 09:30

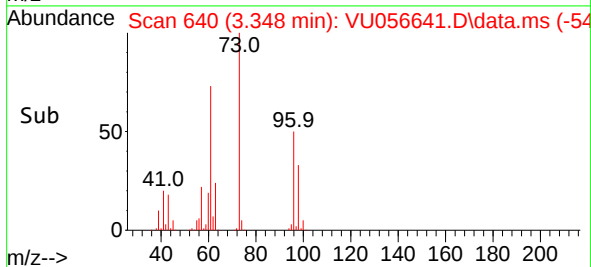
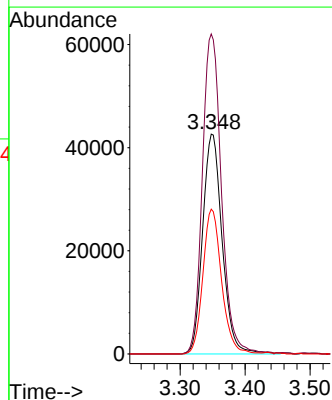
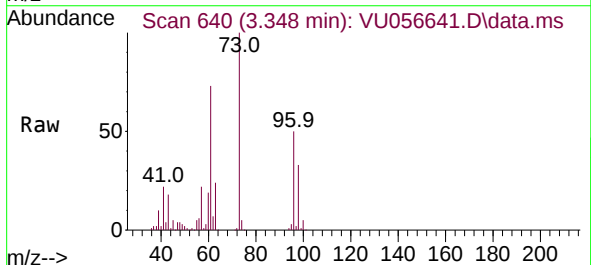
Instrument :
MSVOA_U
ClientSampleId :

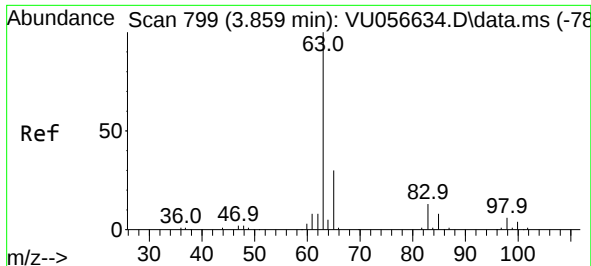
Tgt Ion: 73 Resp: 227731
Ion Ratio Lower Upper
73 100
43 18.4 15.1 22.7
57 21.5 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 5.390 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU056641.D
Acq: 30 Nov 2023 09:30

Tgt Ion: 96 Resp: 89378
Ion Ratio Lower Upper
96 100
61 145.5 101.7 188.9
98 65.8 43.0 80.0





#19

1,1-Dichloroethane

Concen: 5.860 ug/L

RT: 3.862 min Scan# 80

Delta R.T. 0.003 min

Lab File: VU056641.D

Acq: 30 Nov 2023 09:30

Instrument :

MSVOA_U

ClientSampleId :

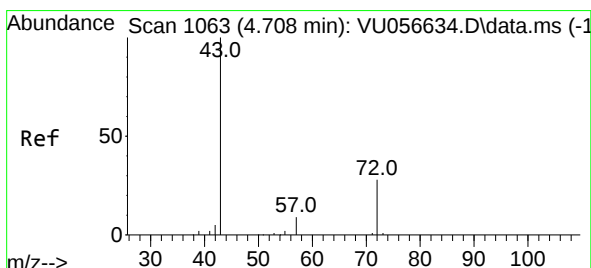
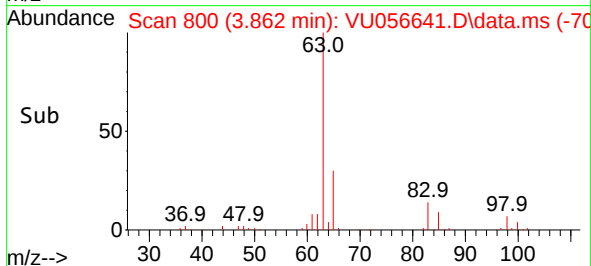
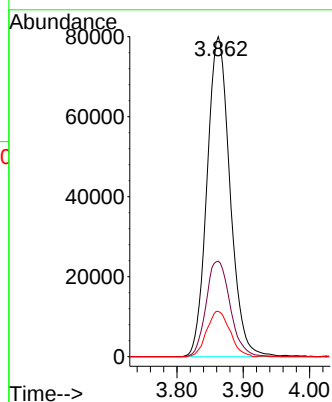
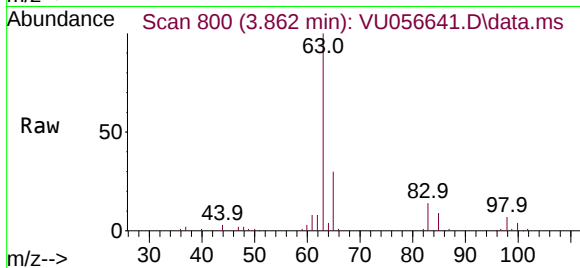
Tgt Ion: 63 Resp: 192496

Ion Ratio Lower Upper

63 100

65 29.9 21.8 40.6

83 14.1 9.7 17.9



#21

2-Butanone

Concen: 53.496 ug/L

RT: 4.708 min Scan# 1063

Delta R.T. 0.000 min

Lab File: VU056641.D

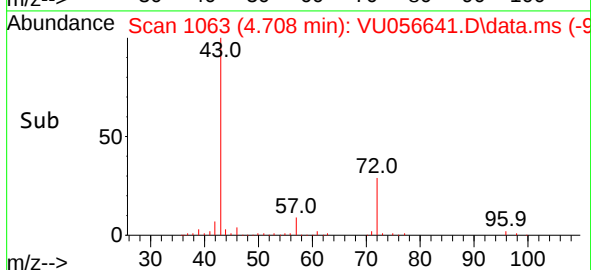
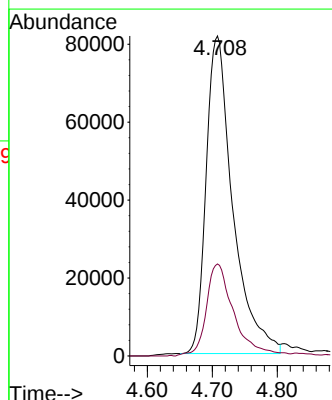
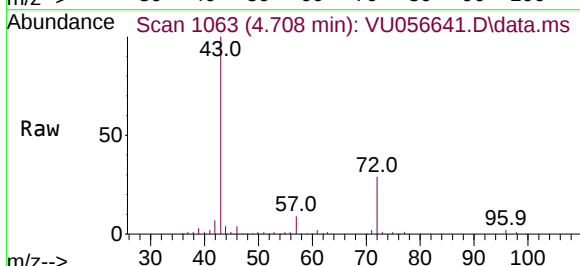
Acq: 30 Nov 2023 09:30

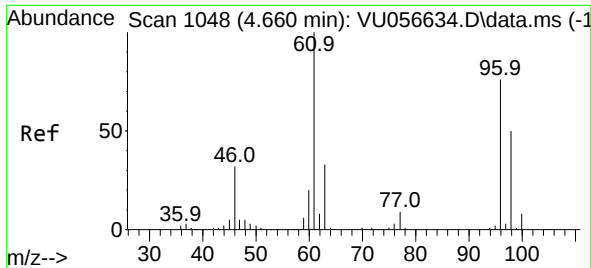
Tgt Ion: 43 Resp: 232156

Ion Ratio Lower Upper

43 100

72 30.0 14.2 42.6

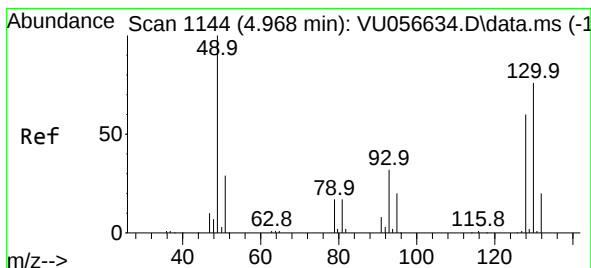
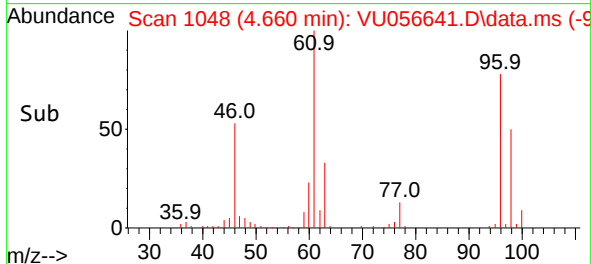
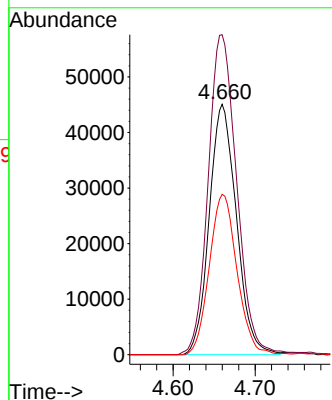
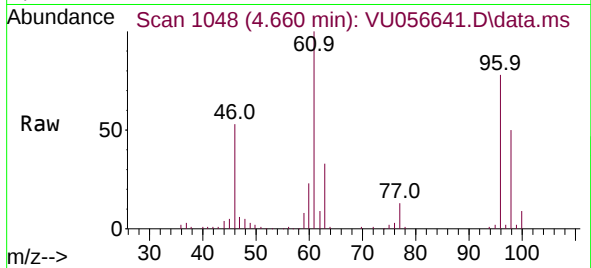




#22
 cis-1,2-Dichloroethene
 Concen: 5.529 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU056641.D
 Acq: 30 Nov 2023 09:30

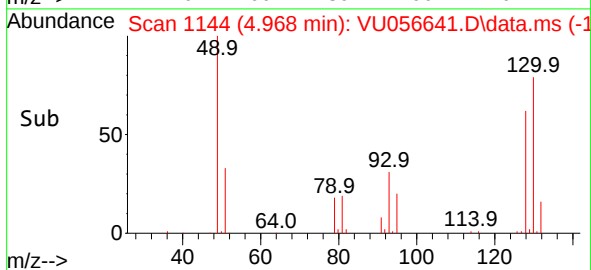
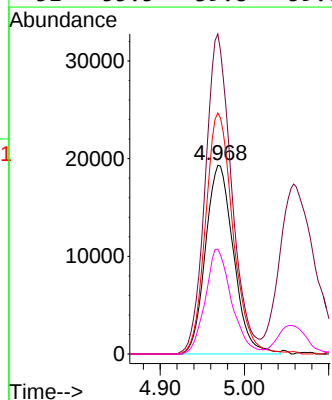
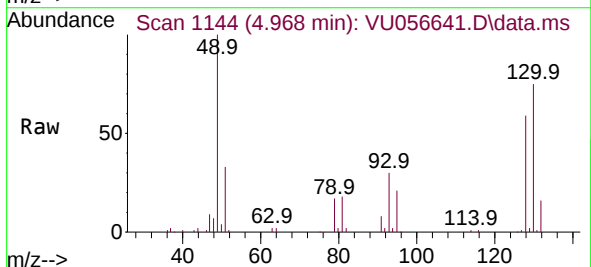
Instrument :
 MSVOA_U
 ClientSampleId :

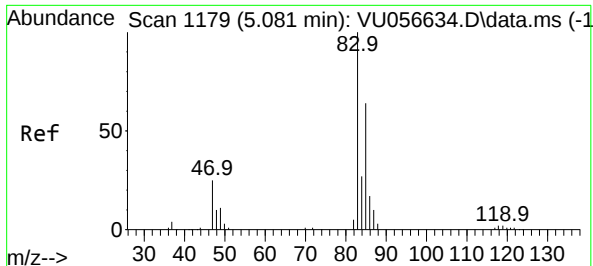
Tgt Ion: 96 Resp: 103971
 Ion Ratio Lower Upper
 96 100
 61 127.8 93.2 173.2
 98 64.0 44.8 83.2



#23
 Bromochloromethane
 Concen: 5.764 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU056641.D
 Acq: 30 Nov 2023 09:30

Tgt Ion: 128 Resp: 44620
 Ion Ratio Lower Upper
 128 100
 49 169.6 113.4 210.6
 130 127.7 84.8 157.6
 51 55.5 39.8 59.6





#25

Chloroform

Concen: 5.851 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU056641.D

Acq: 30 Nov 2023 09:30

Instrument :

MSVOA_U

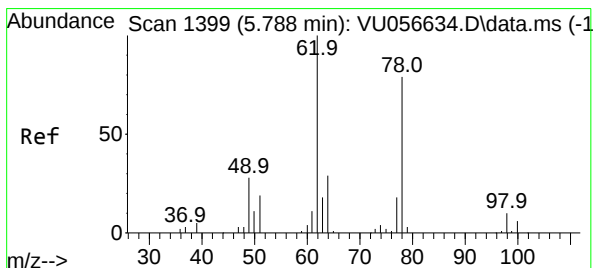
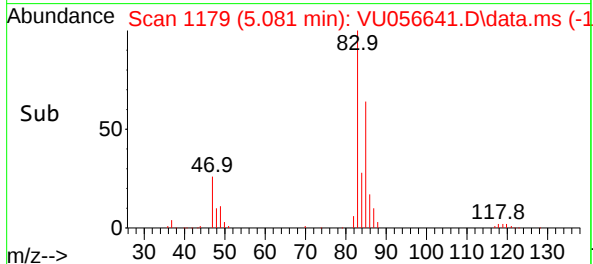
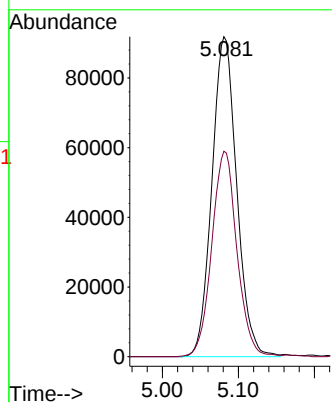
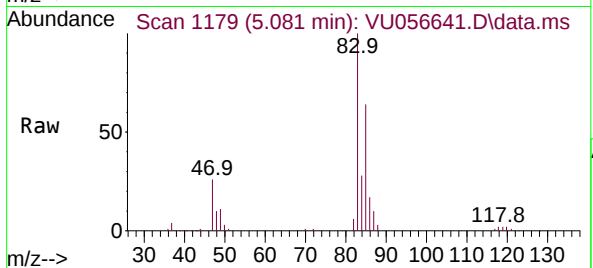
ClientSampleId :

Tgt Ion: 83 Resp: 208232

Ion Ratio Lower Upper

83 100

85 64.2 47.0 87.2



#27

1,2-Dichloroethane

Concen: 5.854 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU056641.D

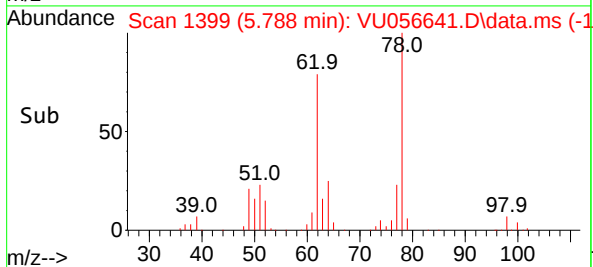
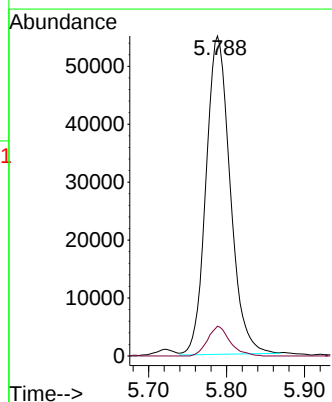
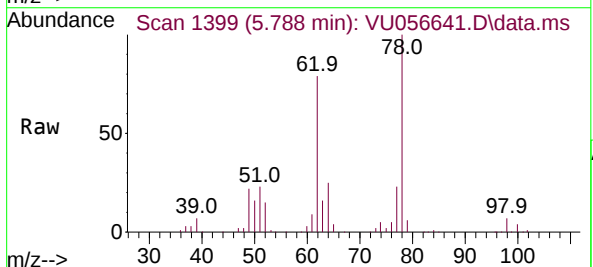
Acq: 30 Nov 2023 09:30

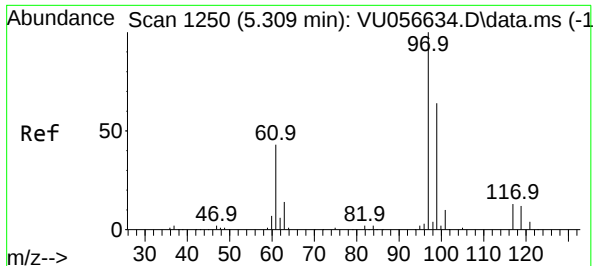
Tgt Ion: 62 Resp: 118291

Ion Ratio Lower Upper

62 100

98 9.3 6.6 10.0





#29

1,1,1-Trichloroethane

Concen: 5.762 ug/L

RT: 5.309 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU056641.D

Acq: 30 Nov 2023 09:30

Instrument :

MSVOA_U

ClientSampleId :

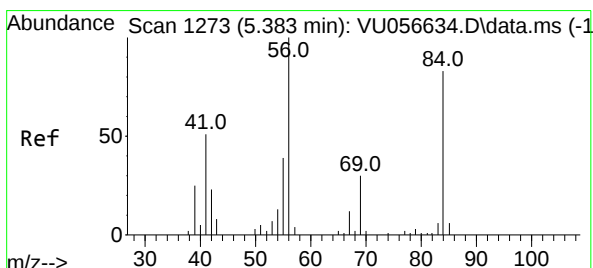
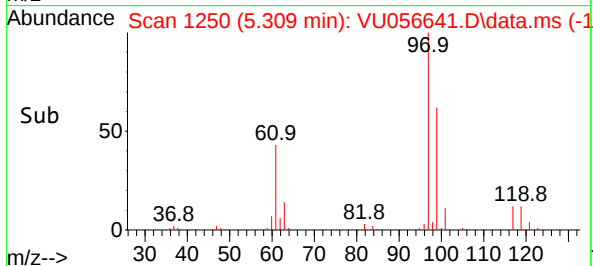
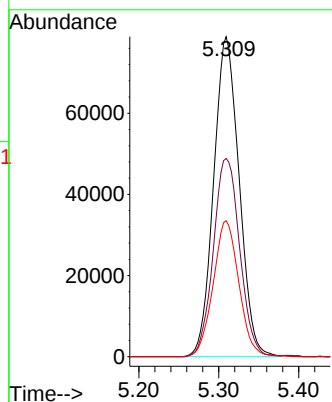
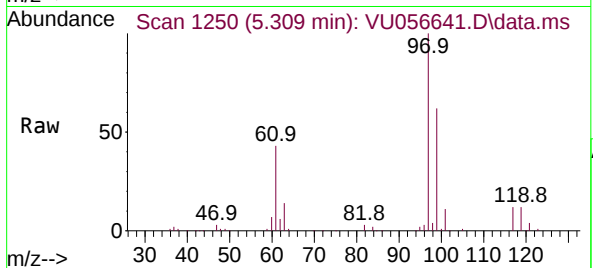
Tgt Ion: 97 Resp: 174371

Ion Ratio Lower Upper

97 100

99 64.3 51.6 77.4

61 43.0 34.3 51.5



#30

Cyclohexane

Concen: 4.699 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VU056641.D

Acq: 30 Nov 2023 09:30

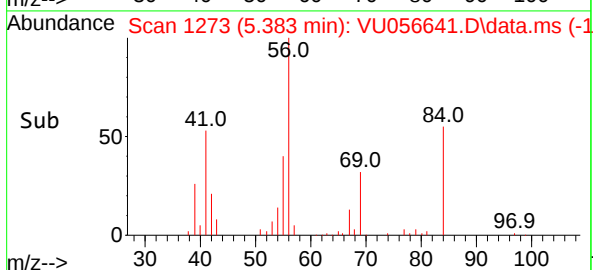
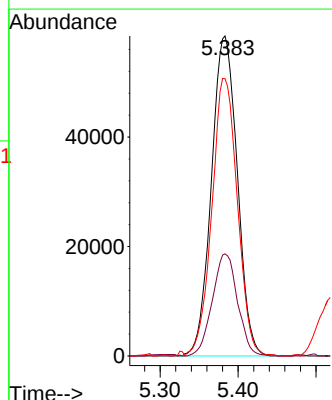
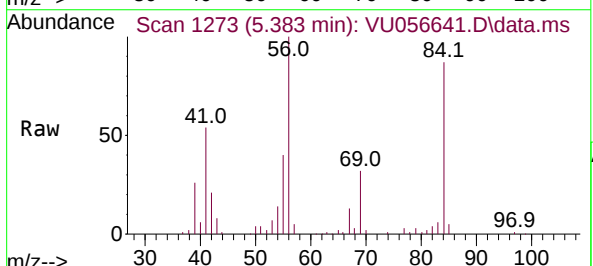
Tgt Ion: 56 Resp: 134971

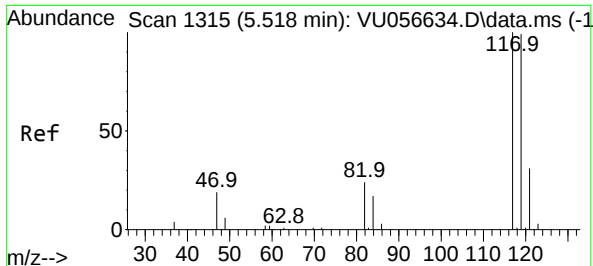
Ion Ratio Lower Upper

56 100

69 31.0 25.4 38.2

84 85.5 68.6 103.0

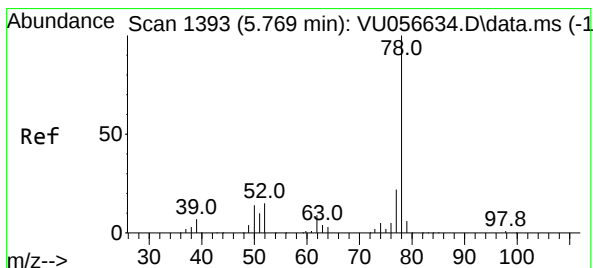
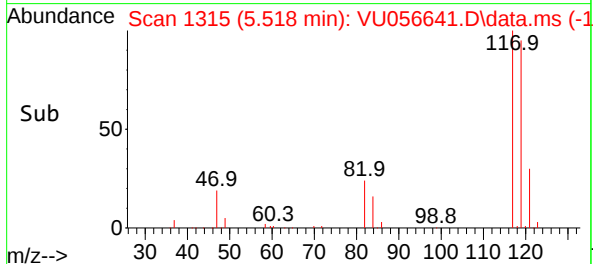
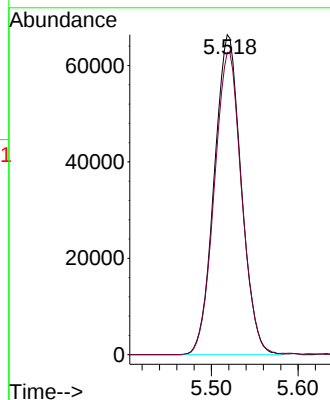
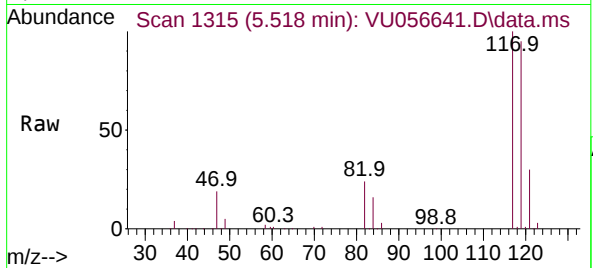




#31
Carbon tetrachloride
Concen: 5.524 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU056641.D
Acq: 30 Nov 2023 09:30

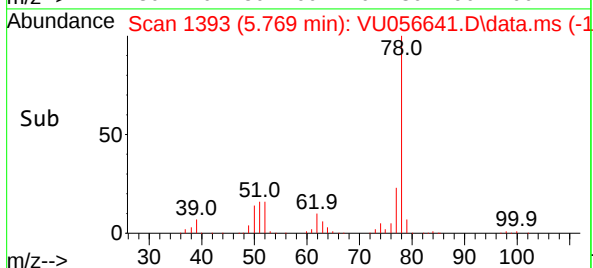
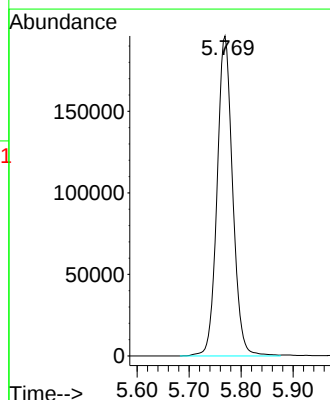
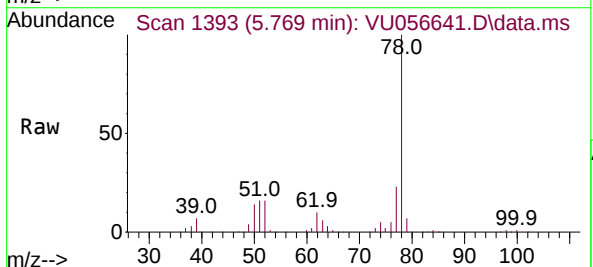
Instrument :
MSVOA_U
ClientSampleId :

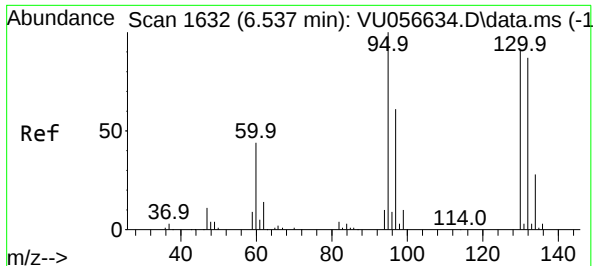
Tgt Ion:117 Resp: 143590
Ion Ratio Lower Upper
117 100
119 96.0 78.1 117.1



#33
Benzene
Concen: 5.424 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU056641.D
Acq: 30 Nov 2023 09:30

Tgt Ion: 78 Resp: 408038

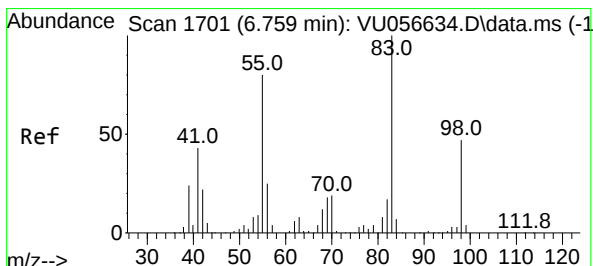
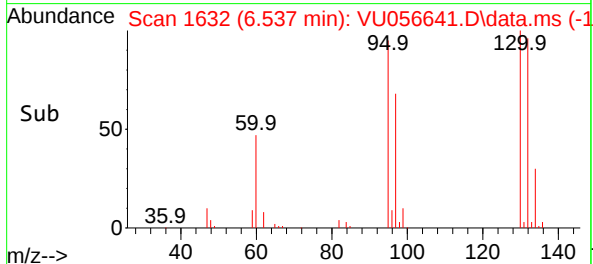
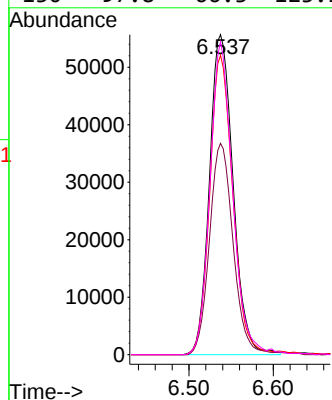
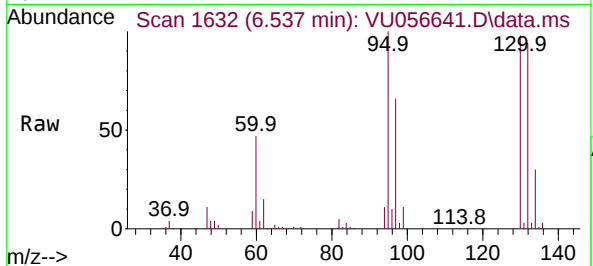




#34
Trichloroethene
Concen: 5.301 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU056641.D
Acq: 30 Nov 2023 09:30

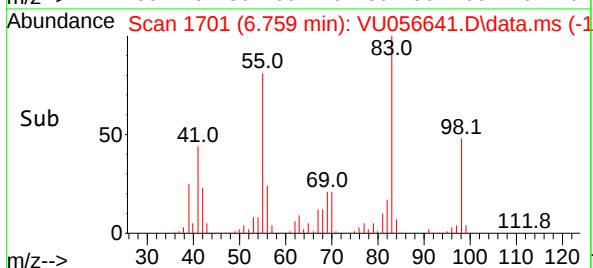
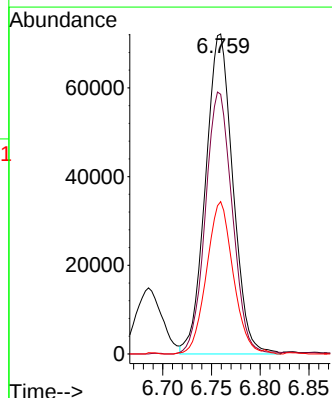
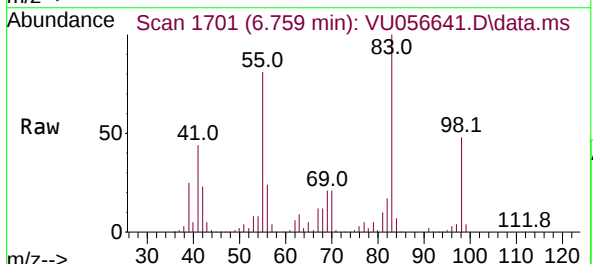
Instrument :
MSVOA_U
ClientSampleId :

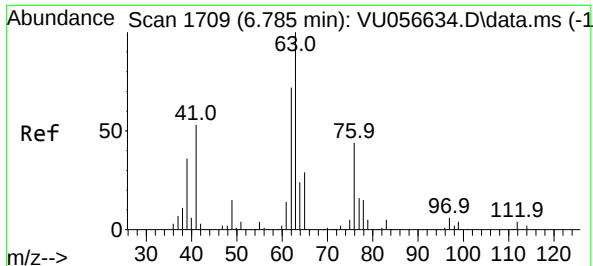
Tgt Ion: 95 Resp: 108645
Ion Ratio Lower Upper
95 100
97 66.0 46.5 86.3
132 93.5 62.0 115.2
130 97.8 66.3 123.1



#35
Methylcyclohexane
Concen: 4.764 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU056641.D
Acq: 30 Nov 2023 09:30

Tgt Ion: 83 Resp: 140983
Ion Ratio Lower Upper
83 100
55 80.6 62.9 94.3
98 46.4 35.3 52.9





#37

1,2-Dichloropropane

Concen: 5.579 ug/L

RT: 6.785 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU056641.D

Acq: 30 Nov 2023 09:30

Instrument :

MSVOA_U

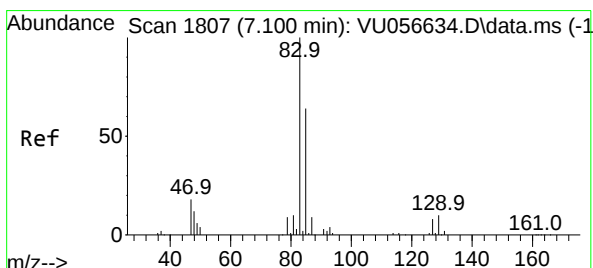
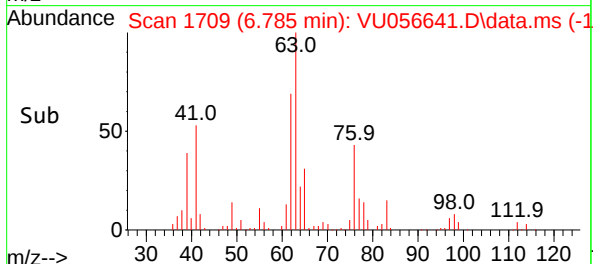
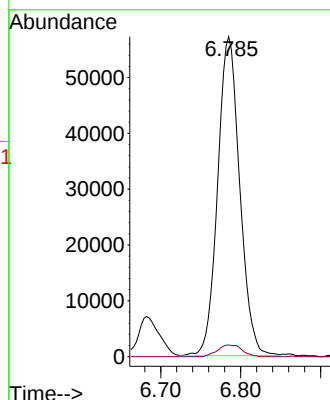
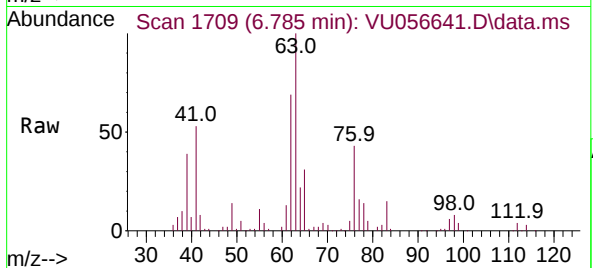
ClientSampleId :

Tgt Ion: 63 Resp: 109460

Ion Ratio Lower Upper

63 100

112 4.1 3.2 4.8



#38

Bromodichloromethane

Concen: 5.670 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VU056641.D

Acq: 30 Nov 2023 09:30

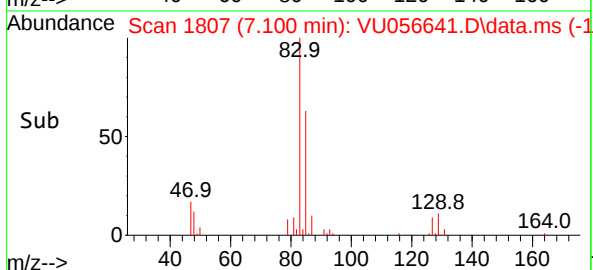
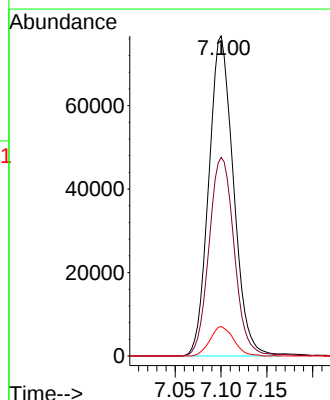
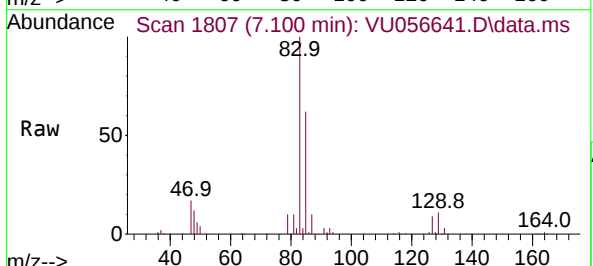
Tgt Ion: 83 Resp: 143611

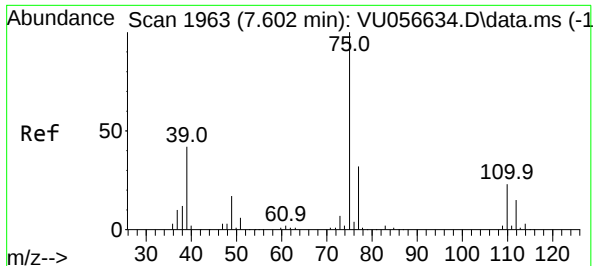
Ion Ratio Lower Upper

83 100

85 62.1 44.9 83.5

127 9.2 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 5.368 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU056641.D

Acq: 30 Nov 2023 09:30

Instrument :

MSVOA_U

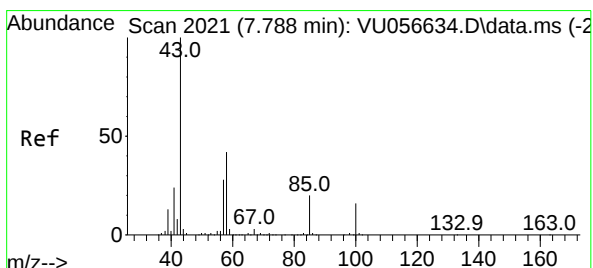
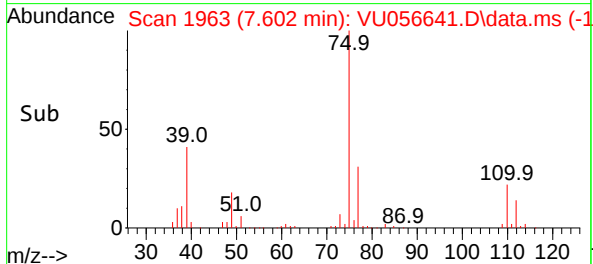
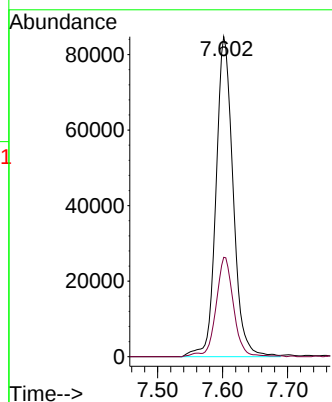
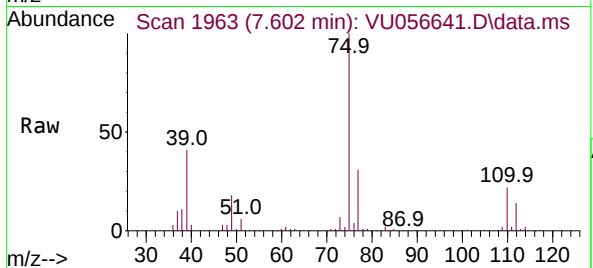
ClientSampleId :

Tgt Ion: 75 Resp: 154739

Ion Ratio Lower Upper

75 100

77 31.0 21.5 39.9



#40

4-Methyl-2-pentanone

Concen: 56.857 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. 0.000 min

Lab File: VU056641.D

Acq: 30 Nov 2023 09:30

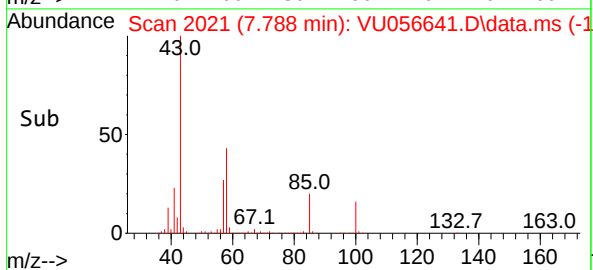
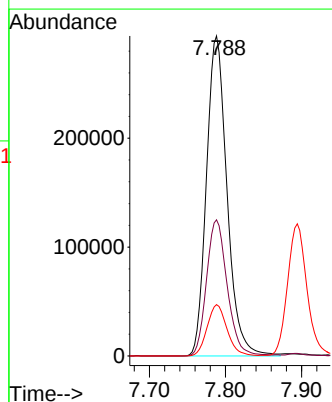
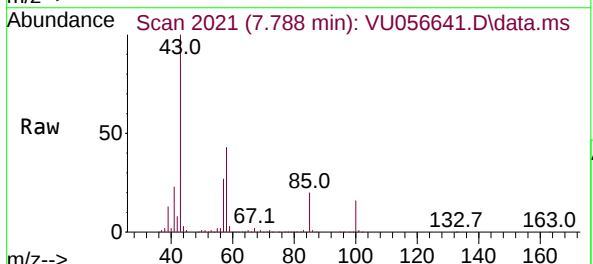
Tgt Ion: 43 Resp: 552935

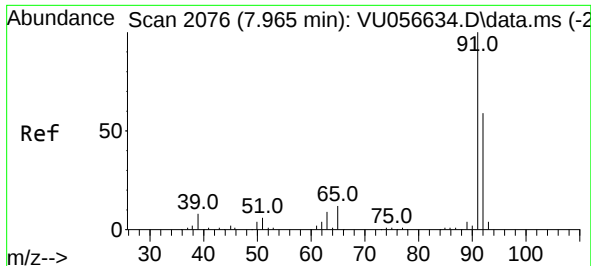
Ion Ratio Lower Upper

43 100

58 42.8 33.8 50.8

100 15.5 13.0 19.4





#42

Toluene

Concen: 5.584 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU056641.D

Acq: 30 Nov 2023 09:30

Instrument :

MSVOA_U

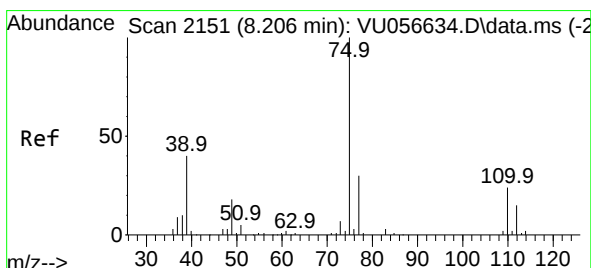
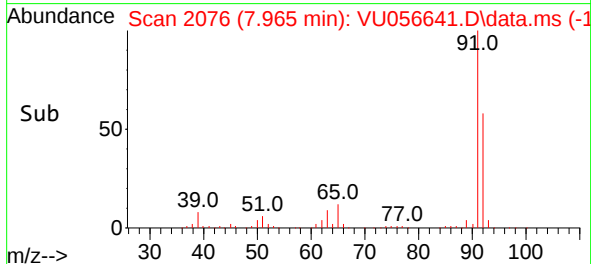
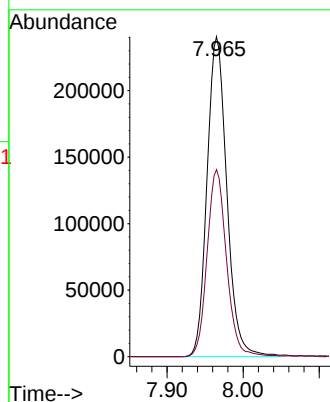
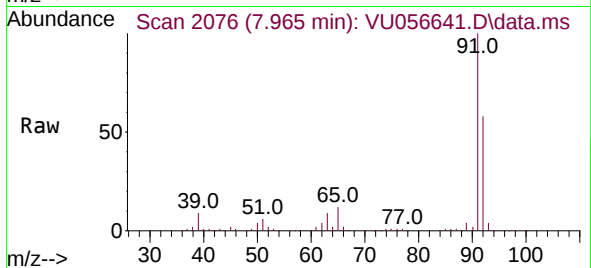
ClientSampleId :

Tgt Ion: 91 Resp: 434880

Ion Ratio Lower Upper

91 100

92 58.5 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.613 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU056641.D

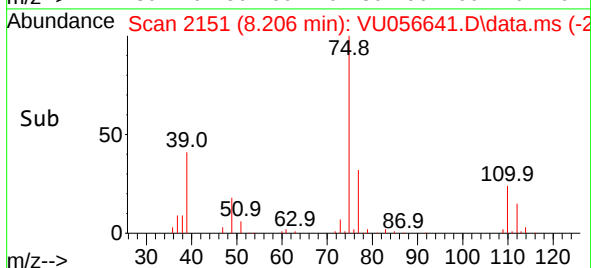
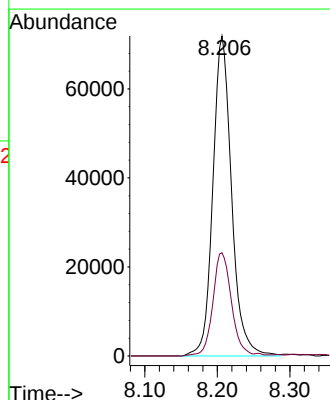
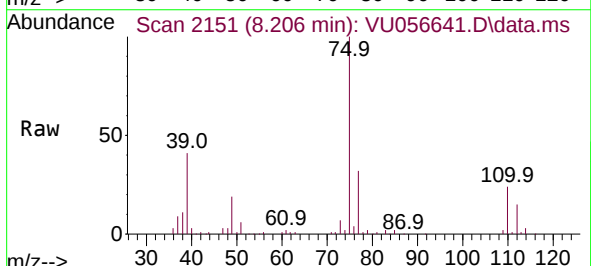
Acq: 30 Nov 2023 09:30

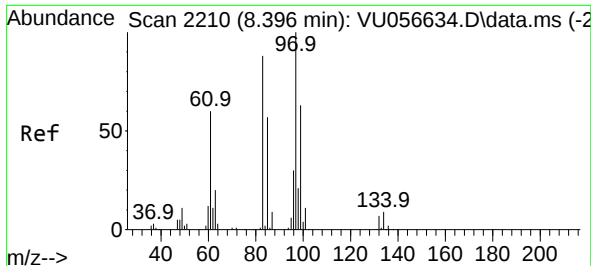
Tgt Ion: 75 Resp: 128995

Ion Ratio Lower Upper

75 100

77 32.3 22.8 42.4

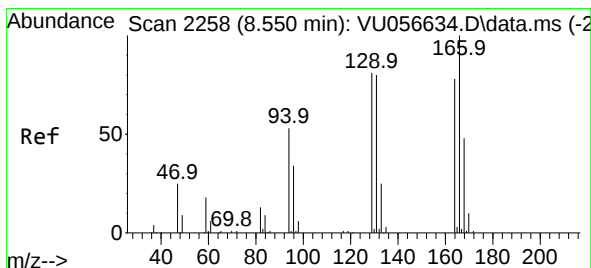
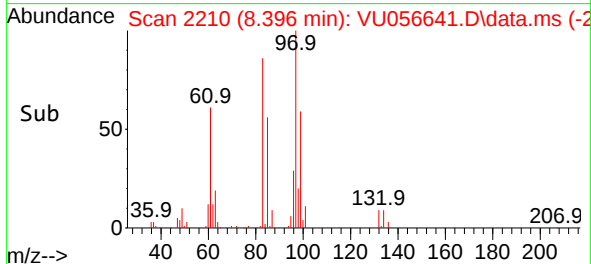
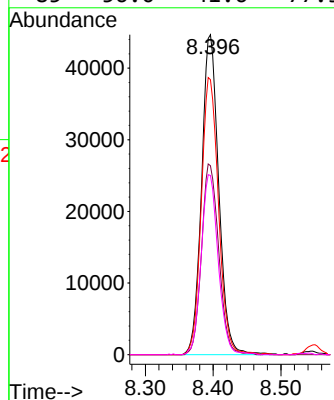
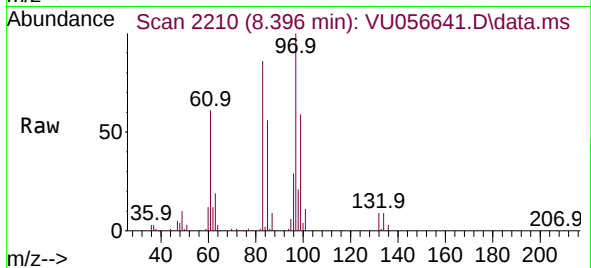




#45
1,1,2-Trichloroethane
Concen: 6.021 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VU056641.D
Acq: 30 Nov 2023 09:30

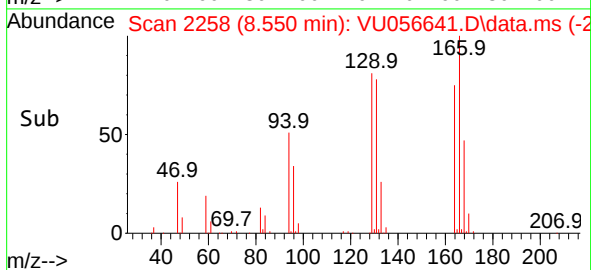
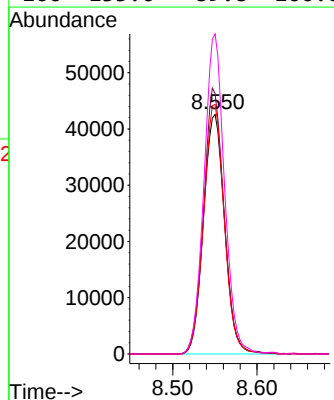
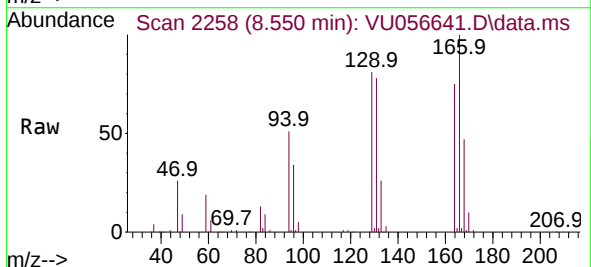
Instrument :
MSVOA_U
ClientSampleId :

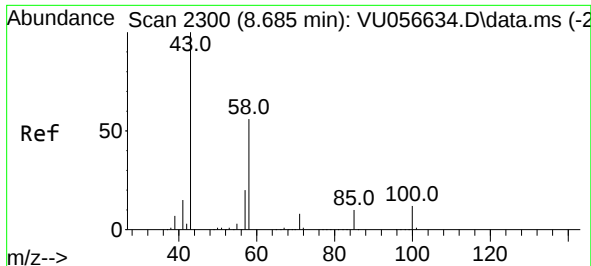
Tgt Ion:	97	Resp:	78672
Ion	Ratio	Lower	Upper
97	100		
99	59.0	44.3	82.3
83	86.0	65.4	121.4
85	56.0	41.6	77.3



#47
Tetrachloroethene
Concen: 5.397 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU056641.D
Acq: 30 Nov 2023 09:30

Tgt Ion:	164	Resp:	74594
Ion	Ratio	Lower	Upper
164	100		
129	108.8	71.0	131.9
131	104.1	70.3	130.7
166	133.6	89.8	166.8



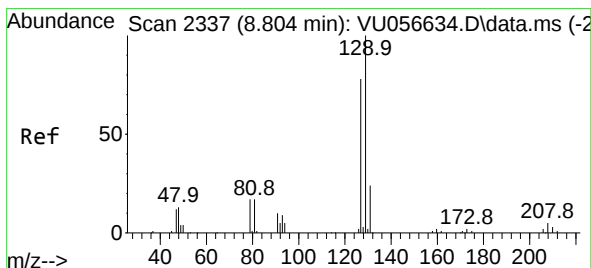
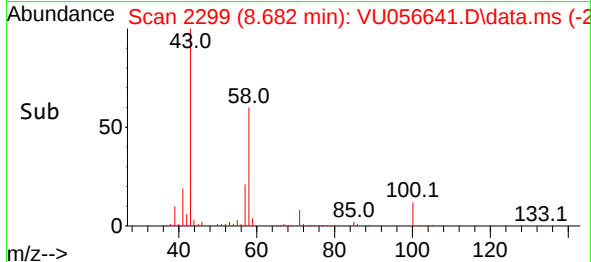
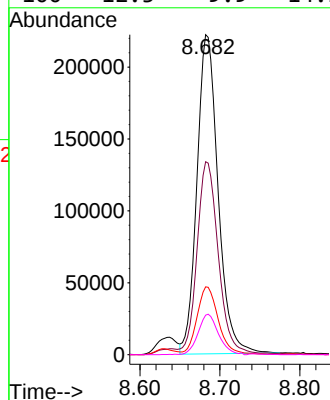
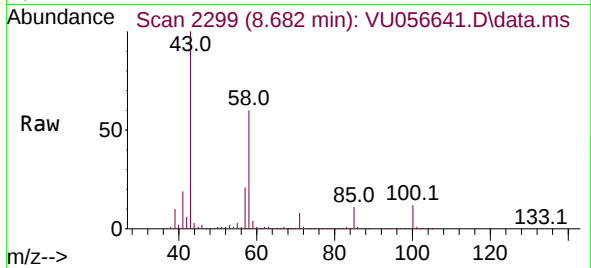


#48
2-Hexanone
Concen: 54.036 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU056641.D
Acq: 30 Nov 2023 09:30

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 409388

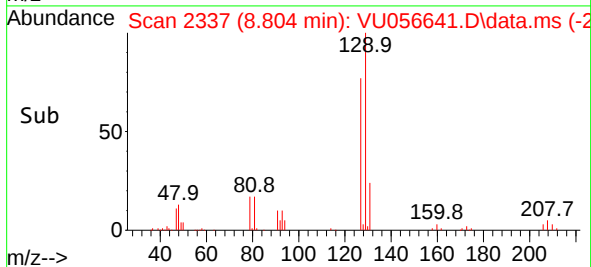
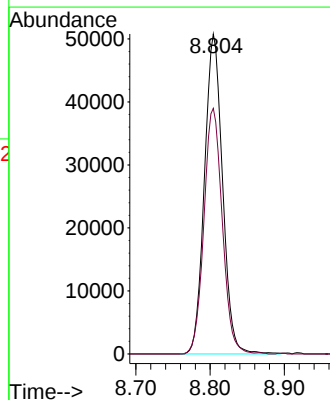
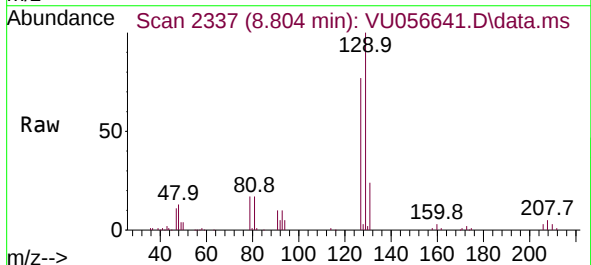
Ion	Ratio	Lower	Upper
43	100		
58	59.8	48.7	73.1
57	21.3	16.8	25.2
100	12.3	9.9	14.9

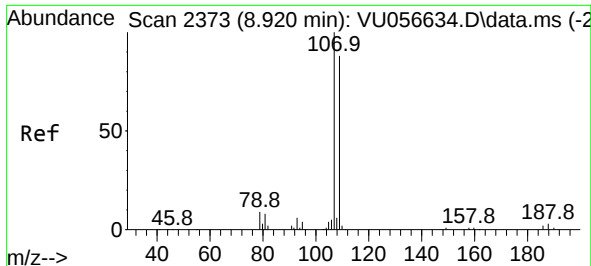


#49
Dibromochloromethane
Concen: 5.775 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU056641.D
Acq: 30 Nov 2023 09:30

Tgt Ion: 129 Resp: 85802

Ion	Ratio	Lower	Upper
129	100		
127	76.7	52.9	98.3

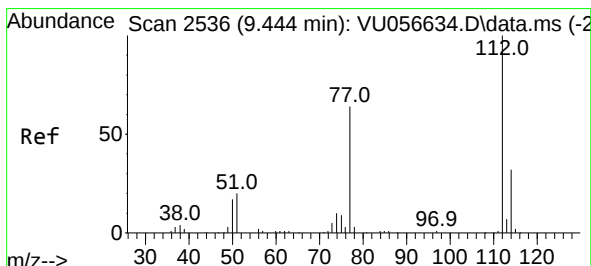
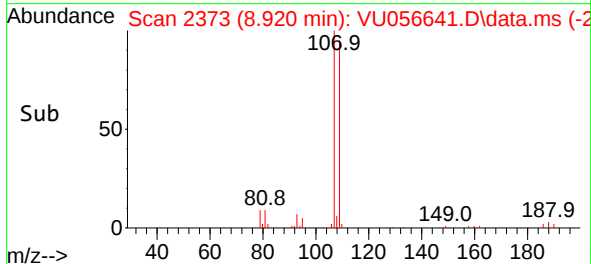
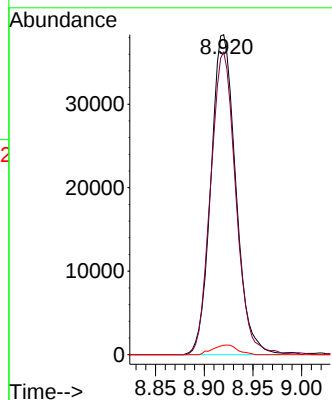
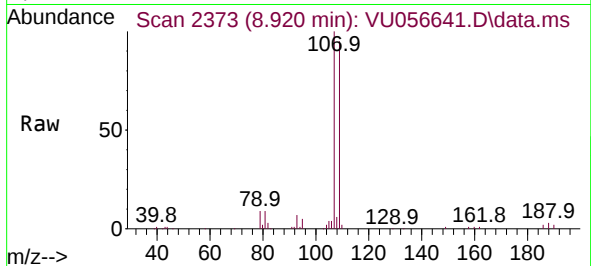




#50
1,2-Dibromoethane
Concen: 5.503 ug/L
RT: 8.920 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056641.D
Acq: 30 Nov 2023 09:30

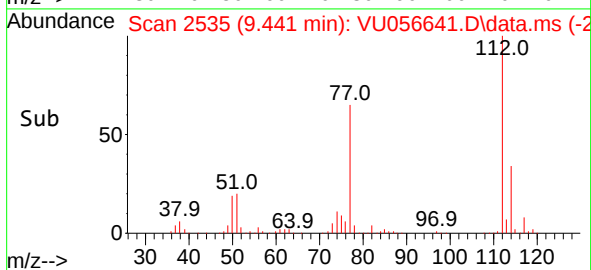
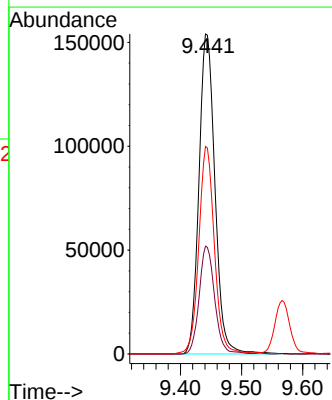
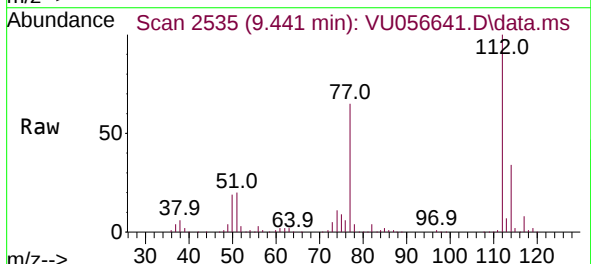
Instrument :
MSVOA_U
ClientSampleId :

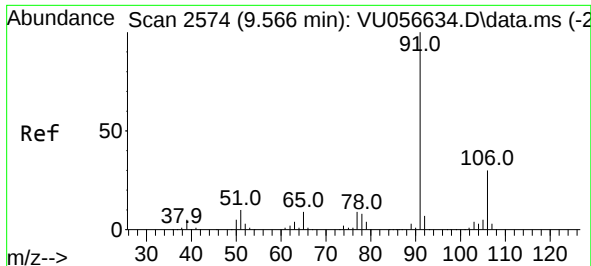
Tgt Ion:107 Resp: 67880
Ion Ratio Lower Upper
107 100
109 94.6 64.2 119.2
188 2.9 2.6 4.0



#51
Chlorobenzene
Concen: 5.594 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.003 min
Lab File: VU056641.D
Acq: 30 Nov 2023 09:30

Tgt Ion:112 Resp: 279972
Ion Ratio Lower Upper
112 100
114 33.7 22.5 41.7
77 64.8 51.7 77.5

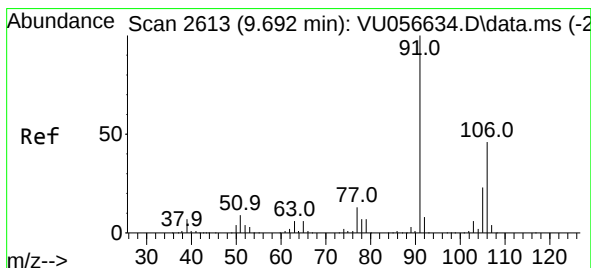
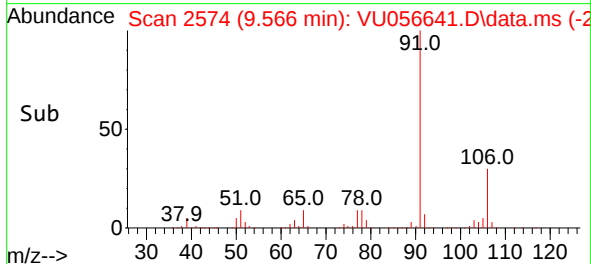
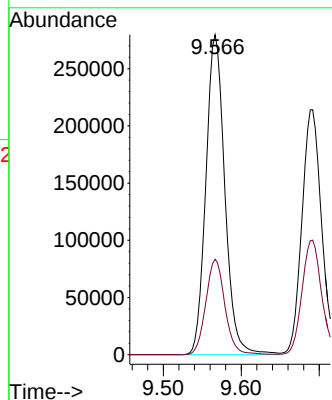
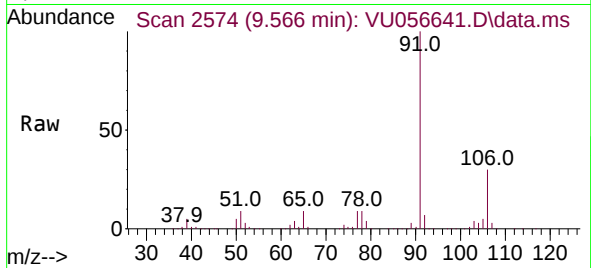




#52
Ethylbenzene
Concen: 5.461 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056641.D
Acq: 30 Nov 2023 09:30

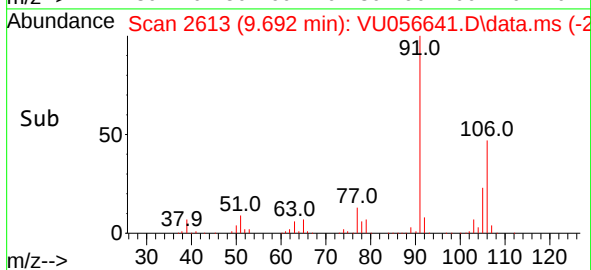
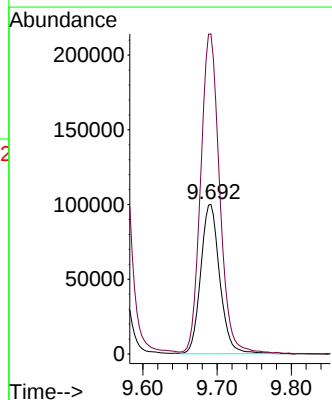
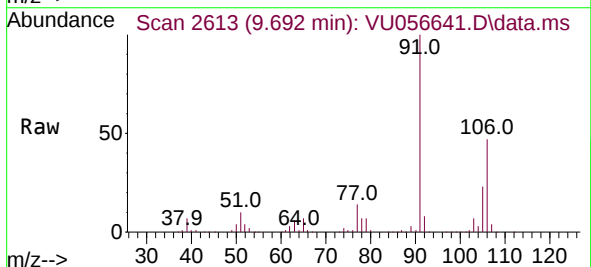
Instrument :
MSVOA_U
ClientSampleId :

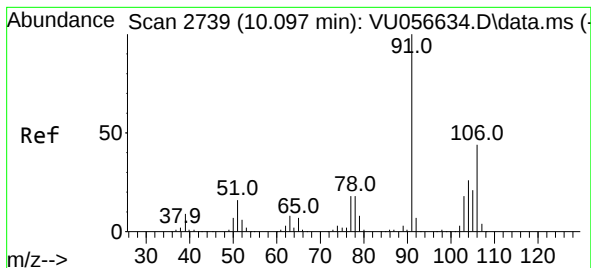
Tgt Ion: 91 Resp: 472308
Ion Ratio Lower Upper
91 100
106 29.8 21.1 39.1



#53
m,p-Xylene
Concen: 5.590 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU056641.D
Acq: 30 Nov 2023 09:30

Tgt Ion: 106 Resp: 177732
Ion Ratio Lower Upper
106 100
91 213.8 149.6 277.8





#54

o-Xylene

Concen: 5.543 ug/L

RT: 10.097 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU056641.D

Acq: 30 Nov 2023 09:30

Instrument :

MSVOA_U

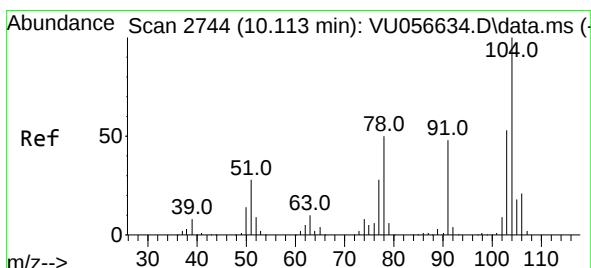
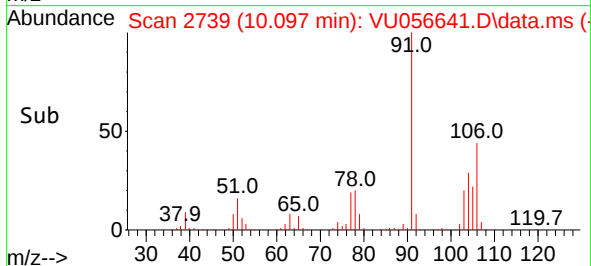
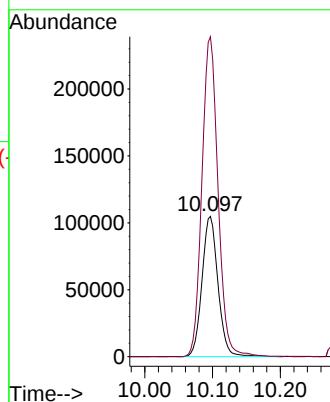
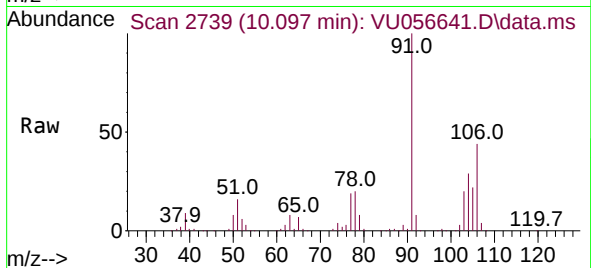
ClientSampleId :

Tgt Ion:106 Resp: 171199

Ion Ratio Lower Upper

106 100

91 227.9 159.3 295.9



#55

Styrene

Concen: 5.774 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. -0.003 min

Lab File: VU056641.D

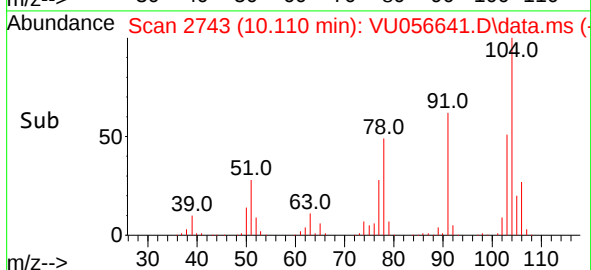
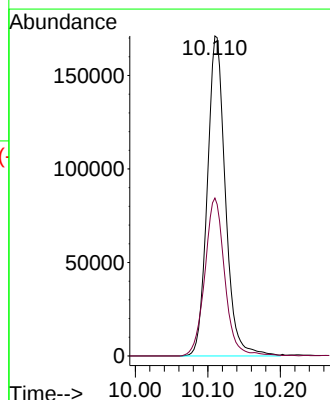
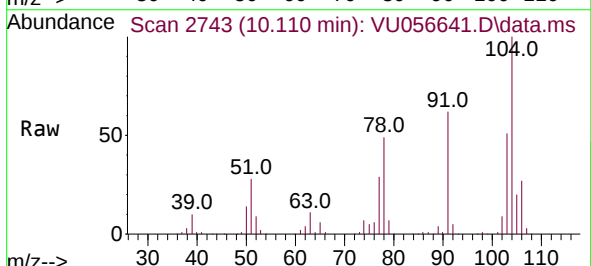
Acq: 30 Nov 2023 09:30

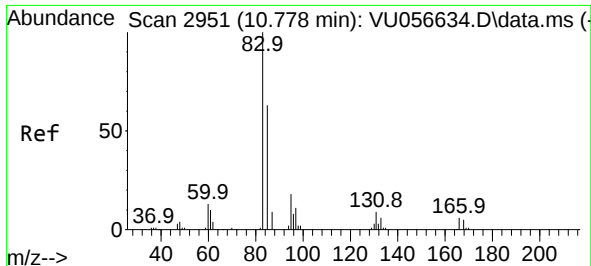
Tgt Ion:104 Resp: 296652

Ion Ratio Lower Upper

104 100

78 49.3 34.2 63.6

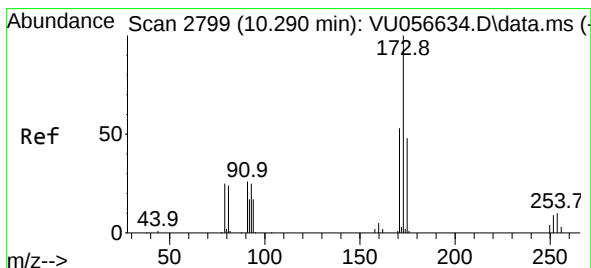
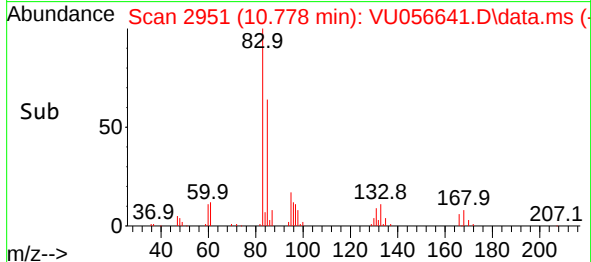
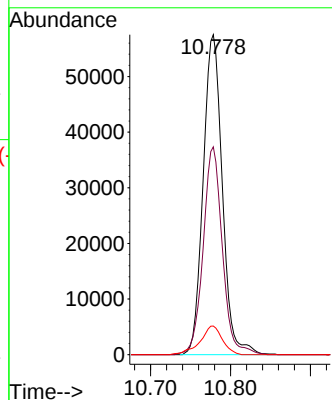
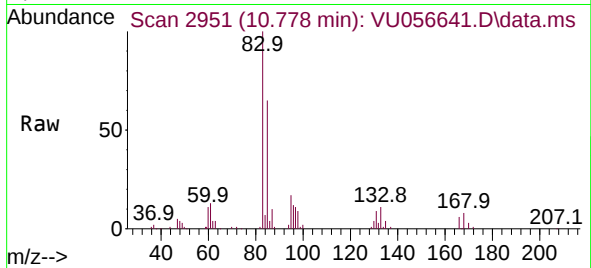




#57
1,1,2,2-Tetrachloroethane
Concen: 6.020 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU056641.D
Acq: 30 Nov 2023 09:30

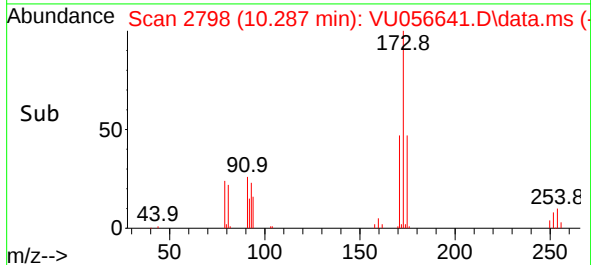
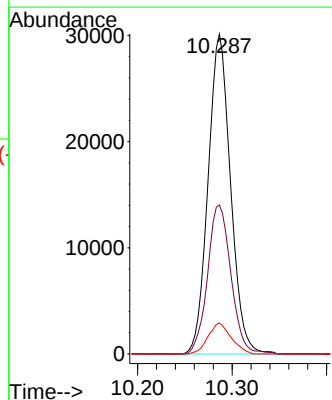
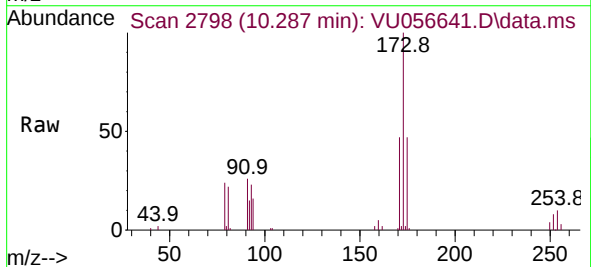
Instrument :
MSVOA_U
ClientSampleId :

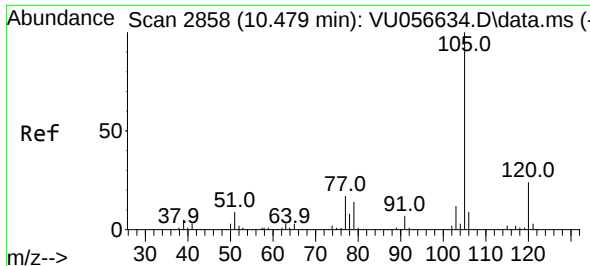
Tgt Ion: 83 Resp: 96042
Ion Ratio Lower Upper
83 100
85 65.0 46.3 86.1
131 9.0 6.7 10.1



#59
Bromoform
Concen: 6.286 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. -0.003 min
Lab File: VU056641.D
Acq: 30 Nov 2023 09:30

Tgt Ion:173 Resp: 49714
Ion Ratio Lower Upper
173 100
175 48.5 38.9 58.3
254 10.0 6.7 10.1

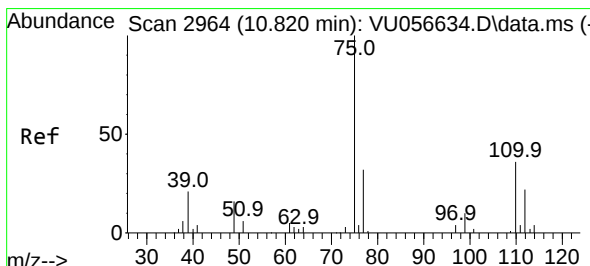
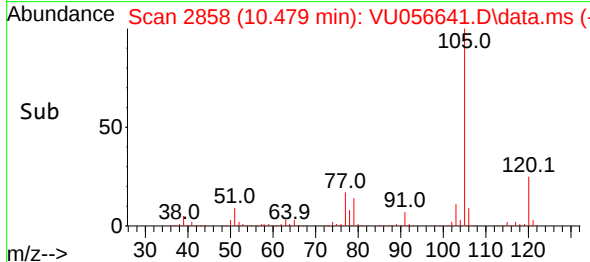
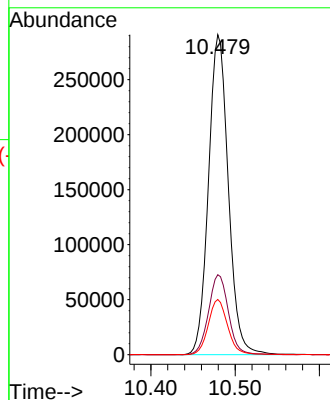
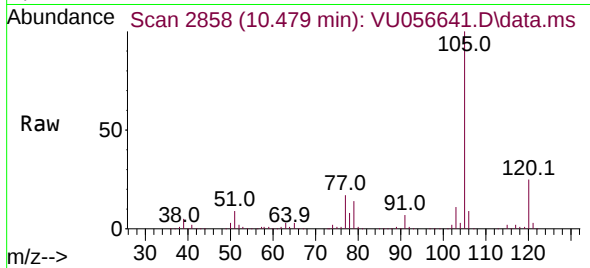




#60
Isopropylbenzene
Concen: 5.807 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU056641.D
Acq: 30 Nov 2023 09:30

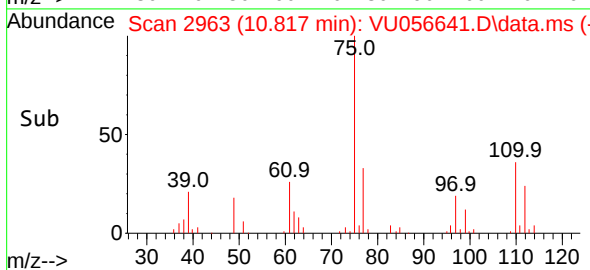
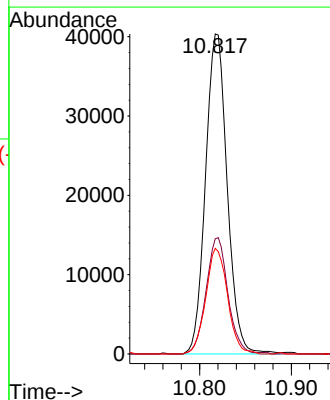
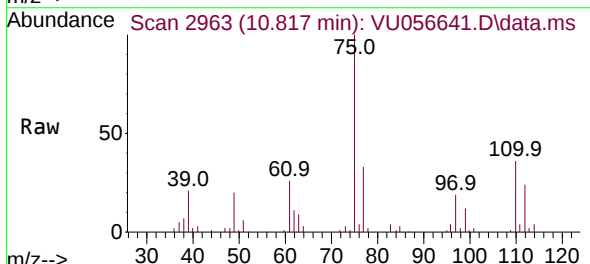
Instrument :
MSVOA_U
ClientSampleId :

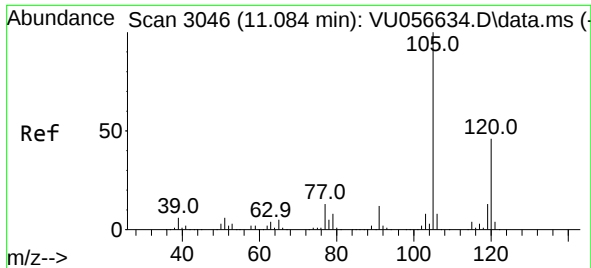
Tgt Ion:105 Resp: 475472
Ion Ratio Lower Upper
105 100
120 25.1 20.4 30.6
77 16.9 13.3 19.9



#61
1,2,3-Trichloropropane
Concen: 6.093 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.003 min
Lab File: VU056641.D
Acq: 30 Nov 2023 09:30

Tgt Ion: 75 Resp: 66383
Ion Ratio Lower Upper
75 100
110 36.6 30.4 45.6
77 33.2 27.0 40.6

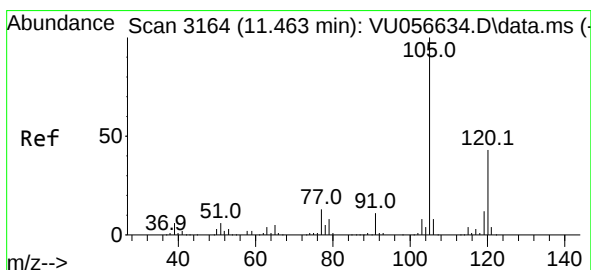
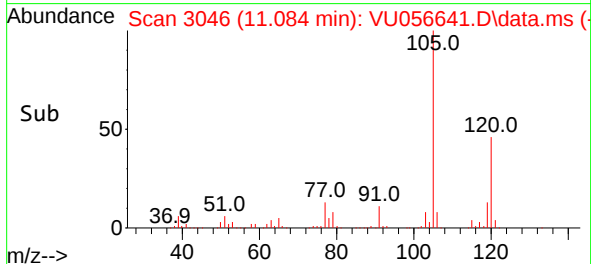
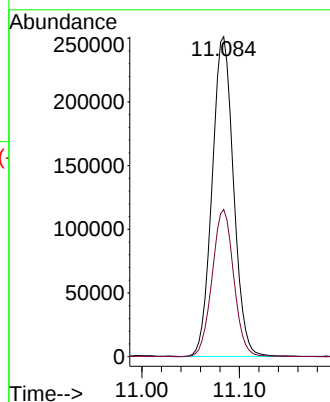
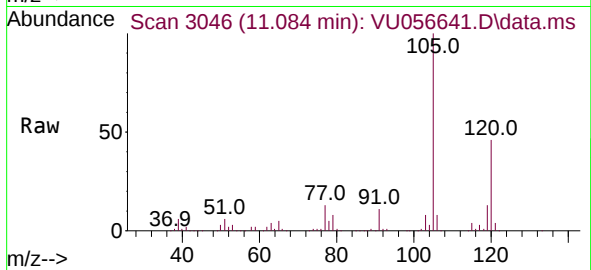




#62
 1,3,5-Trimethylbenzene
 Concen: 5.689 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. 0.000 min
 Lab File: VU056641.D
 Acq: 30 Nov 2023 09:30

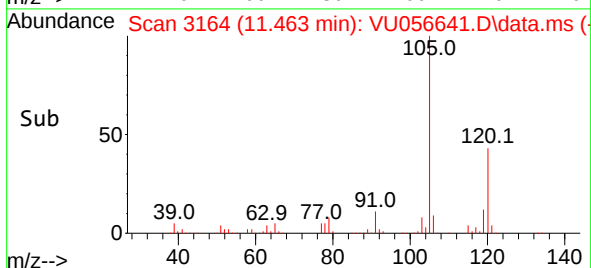
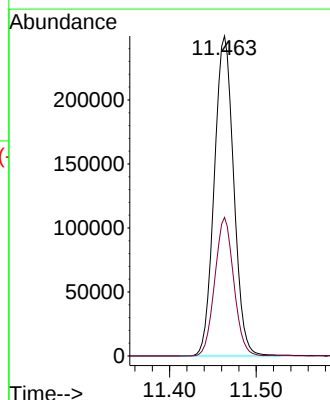
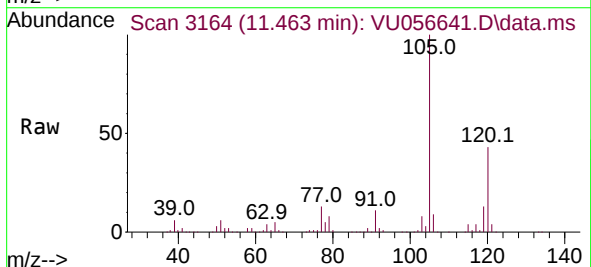
Instrument :
 MSVOA_U
 ClientSampleId :

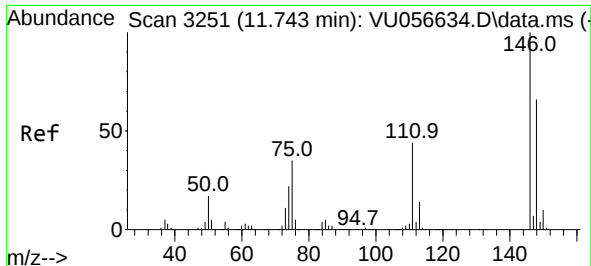
Tgt Ion:105 Resp: 382522
 Ion Ratio Lower Upper
 105 100
 120 46.6 37.2 55.8



#63
 1,2,4-Trimethylbenzene
 Concen: 5.878 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. 0.000 min
 Lab File: VU056641.D
 Acq: 30 Nov 2023 09:30

Tgt Ion:105 Resp: 390069
 Ion Ratio Lower Upper
 105 100
 120 42.3 34.0 51.0

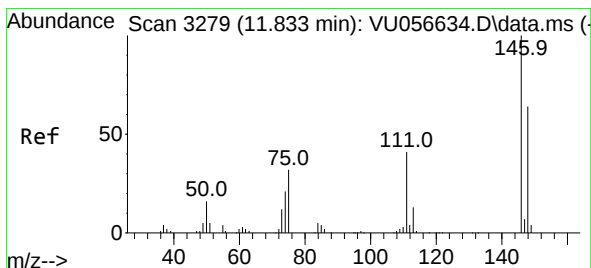
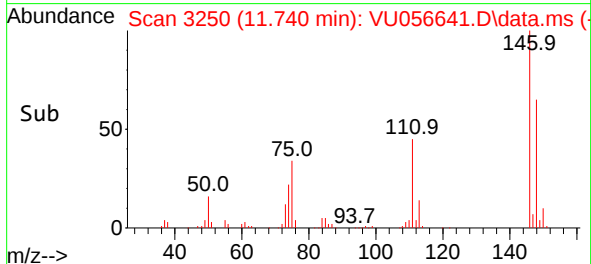
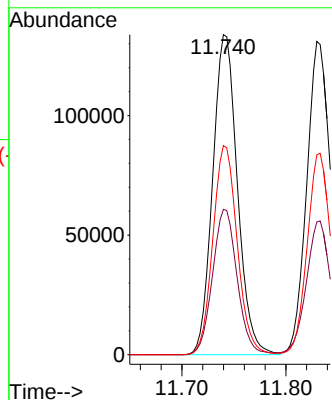
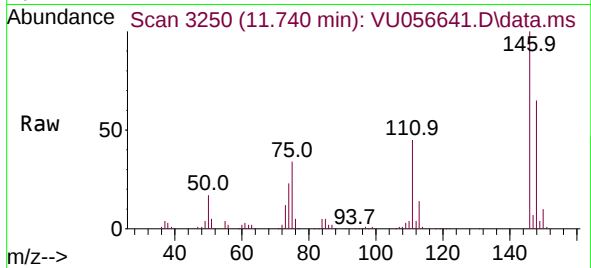




#64
1,3-Dichlorobenzene
Concen: 5.938 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU056641.D
Acq: 30 Nov 2023 09:30

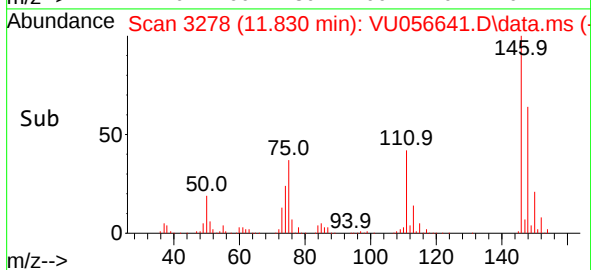
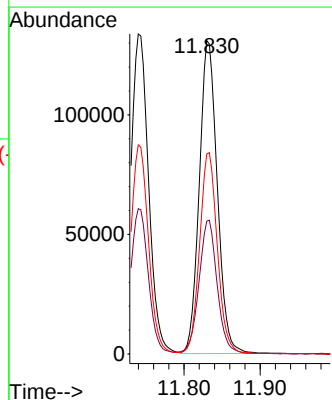
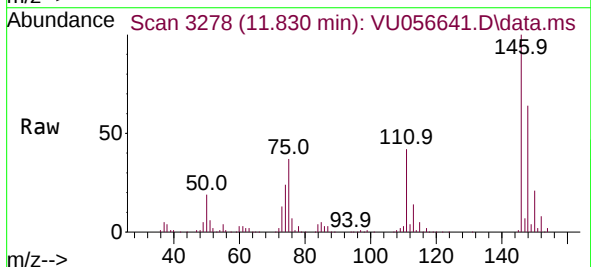
Instrument :
MSVOA_U
ClientSampleId :

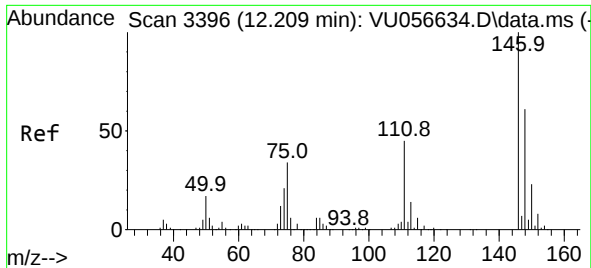
Tgt Ion:146 Resp: 221170
Ion Ratio Lower Upper
146 100
111 45.4 31.1 57.7
148 65.3 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 5.762 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.003 min
Lab File: VU056641.D
Acq: 30 Nov 2023 09:30

Tgt Ion:146 Resp: 215292
Ion Ratio Lower Upper
146 100
111 42.4 30.5 56.7
148 63.8 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.828 ug/L

RT: 12.206 min Scan# 3396

Delta R.T. -0.003 min

Lab File: VU056641.D

Acq: 30 Nov 2023 09:30

Instrument :

MSVOA_U

ClientSampleId :

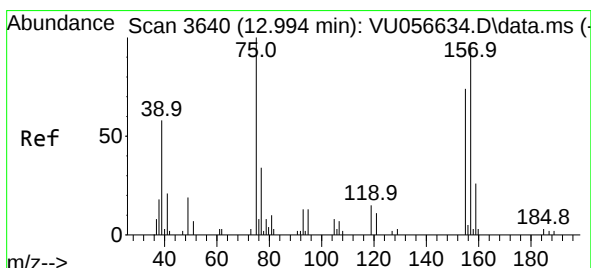
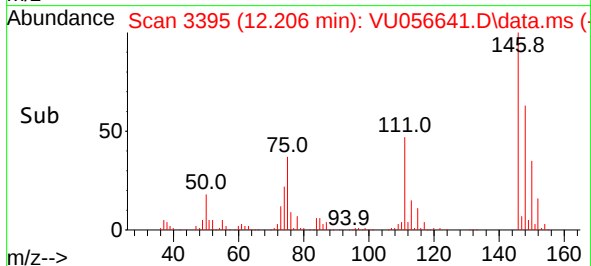
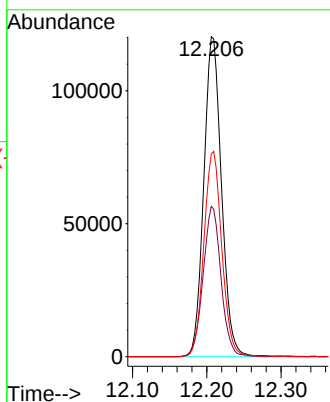
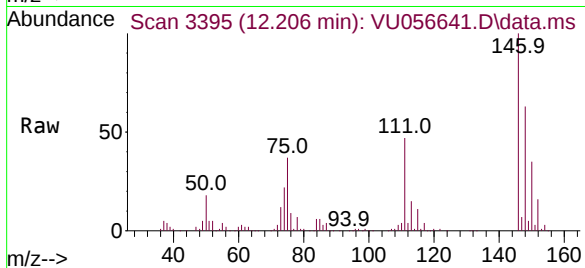
Tgt Ion:146 Resp: 199162

Ion Ratio Lower Upper

146 100

111 47.0 38.3 57.5

148 63.3 52.2 78.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.477 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.000 min

Lab File: VU056641.D

Acq: 30 Nov 2023 09:30

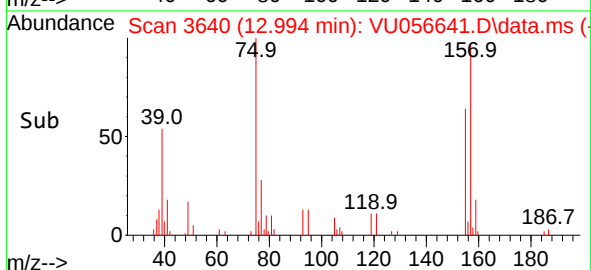
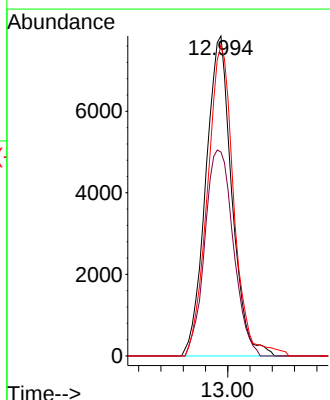
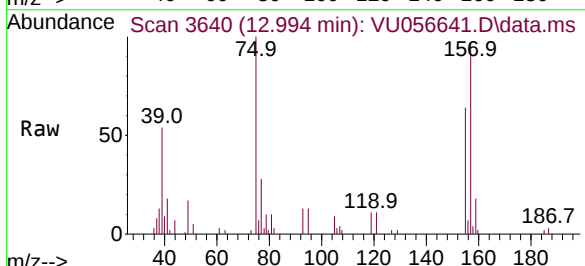
Tgt Ion: 75 Resp: 12746

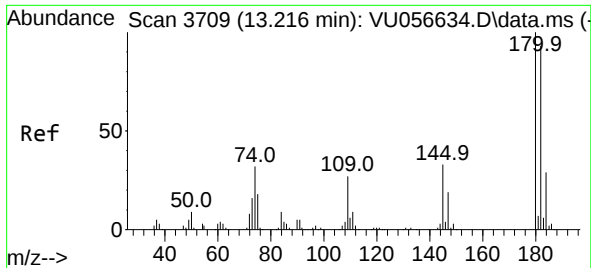
Ion Ratio Lower Upper

75 100

155 63.8 62.4 93.6

157 97.0 80.2 120.2

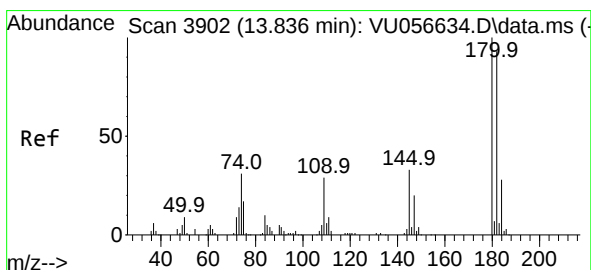
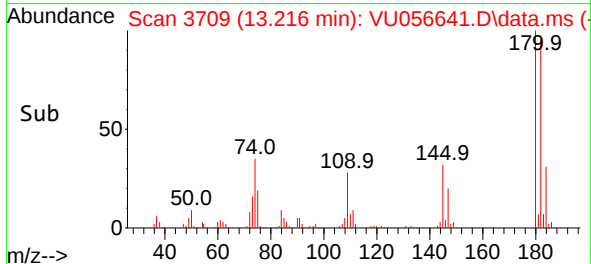
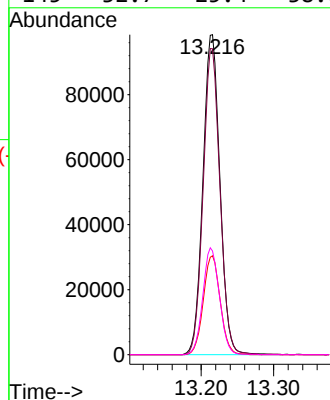
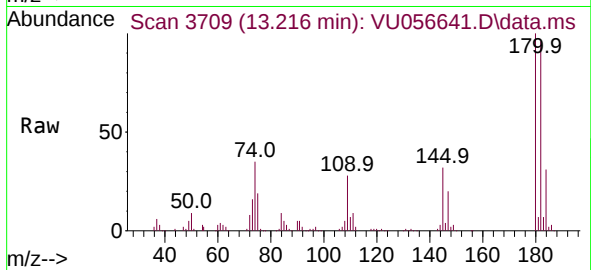




#69
 1,3,5-Trichlorobenzene
 Concen: 5.710 ug/L
 RT: 13.216 min Scan# 3709
 Delta R.T. 0.000 min
 Lab File: VU056641.D
 Acq: 30 Nov 2023 09:30

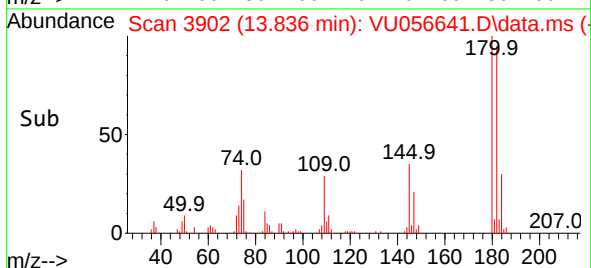
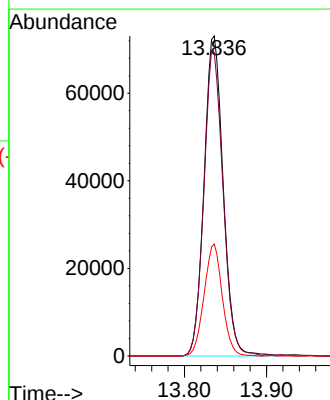
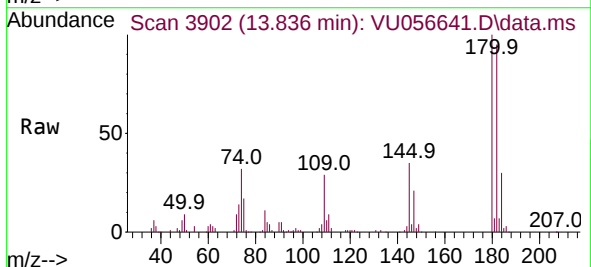
Instrument :
 MSVOA_U
 ClientSampleId :

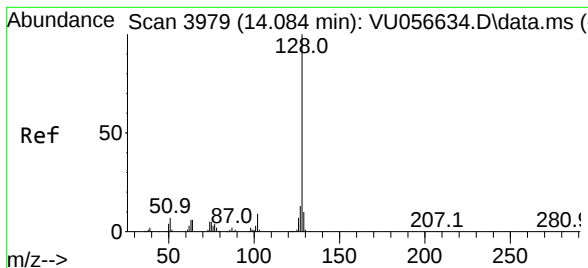
Tgt Ion:180 Resp: 160127
 Ion Ratio Lower Upper
 180 100
 182 94.5 75.1 112.7
 184 30.8 23.5 35.3
 145 32.7 25.4 38.0



#70
 1,2,4-trichlorobenzene
 Concen: 5.187 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.000 min
 Lab File: VU056641.D
 Acq: 30 Nov 2023 09:30

Tgt Ion:180 Resp: 118469
 Ion Ratio Lower Upper
 180 100
 182 95.4 75.4 113.2
 145 33.3 26.8 40.2





#71

Naphthalene

Concen: 4.427 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. 0.000 min

Lab File: VU056641.D

Acq: 30 Nov 2023 09:30

Instrument :

MSVOA_U

ClientSampleId :

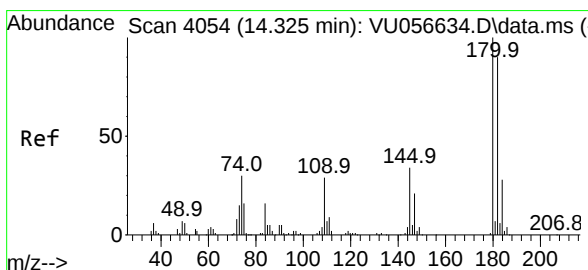
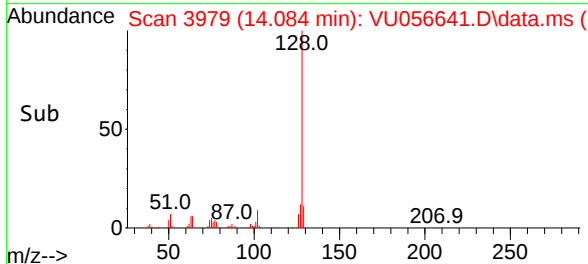
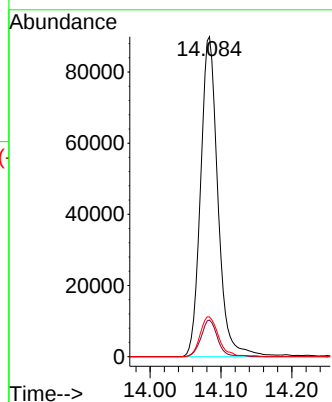
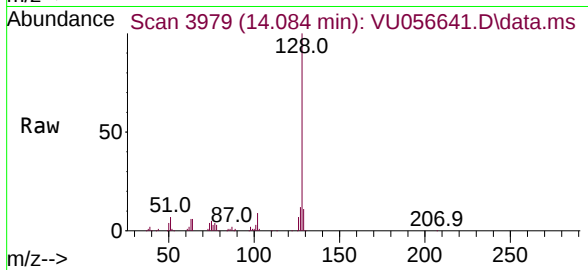
Tgt Ion:128 Resp: 152768

Ion Ratio Lower Upper

128 100

129 10.9 8.6 12.8

127 13.3 10.3 15.5



#72

1,2,3-Trichlorobenzene

Concen: 5.016 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VU056641.D

Acq: 30 Nov 2023 09:30

Tgt Ion:180 Resp: 94372

Ion Ratio Lower Upper

180 100

182 95.8 78.6 117.8

145 36.5 29.0 43.6

