

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111523\
 Data File : VU056349.D
 Acq On : 15 Nov 2023 11:36
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 16 04:33:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 15 03:03:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	306891	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	304522	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	143747	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	90237	3.931	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.600%
7) Chloroethane-d5	1.911	69	70984	4.033	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.563	65	42227	4.168	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.400%
20) 2-Butanone-d5	4.624	46	210356	45.958	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.920%
24) Chloroform-d	5.058	84	197375	4.445	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.695	65	91019	4.436	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
32) Benzene-d6	5.724	84	367837	4.054	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	6.685	67	113661	4.157	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.200%
41) Toluene-d8	7.894	98	325817	4.067	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	8.177	79	44842	4.276	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.600%
46) 2-Hexanone-d5	8.630	63	186284	45.200	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.400%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	86804	4.443	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	109494	4.123	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	118357	4.868	ug/L	100
3) Chloromethane	1.518	50	115265	4.639	ug/L	96
5) Vinyl chloride	1.602	62	118003	4.929	ug/L	100
6) Bromomethane	1.856	94	63123	5.209	ug/L	97
8) Chloroethane	1.930	64	69880	4.778	ug/L	95
9) Trichlorofluoromethane	2.132	101	180537	5.233	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	100782	4.920	ug/L	99
12) 1,1-Dichloroethene	2.576	96	94983	5.056	ug/L	89
13) Acetone	2.634	43	158906	40.762	ug/L	98
14) Carbon disulfide	2.788	76	281040	4.597	ug/L	98
15) Methyl Acetate	2.952	43	32331	4.660	ug/L	97
16) Methylene chloride	3.039	84	106242	4.273	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	223119	4.888	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	96170	4.975	ug/L	95
19) 1,1-Dichloroethane	3.862	63	194393	5.077	ug/L	100
21) 2-Butanone	4.705	43	225562	44.590	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	111306	5.078	ug/L	95
23) Bromochloromethane	4.968	128	44364	4.917	ug/L	92
25) Chloroform	5.081	83	201007	4.846	ug/L	97

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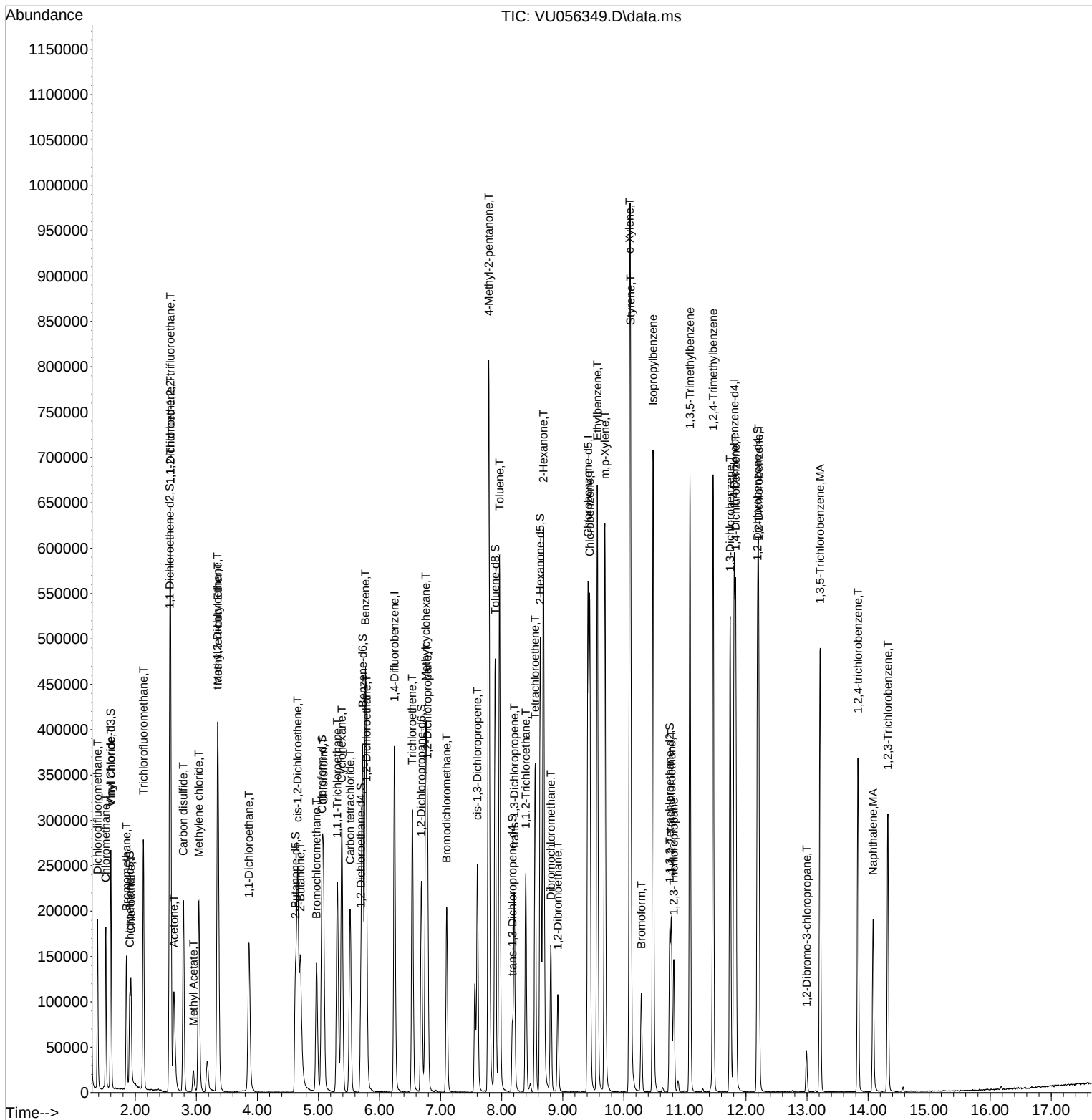
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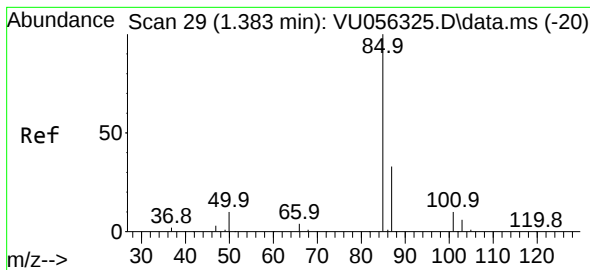
Quant Time: Nov 16 04:33:57 2023
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	116863	4.962	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	174227	4.984	ug/L	99
30) Cyclohexane	5.383	56	145255	4.378	ug/L	98
31) Carbon tetrachloride	5.518	117	144700	4.820	ug/L	100
33) Benzene	5.769	78	419286	4.826	ug/L	100
34) Trichloroethene	6.537	95	113254	4.784	ug/L	98
35) Methylcyclohexane	6.759	83	157022	4.594	ug/L	99
37) 1,2-Dichloropropane	6.785	63	110013	4.855	ug/L	100
38) Bromodichloromethane	7.100	83	137356	4.696	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	154679	4.646	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	534838	47.616	ug/L	99
42) Toluene	7.965	91	440909	4.901	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	128181	4.829	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	73064	4.842	ug/L	99
47) Tetrachloroethene	8.550	164	79830	5.001	ug/L	97
48) 2-Hexanone	8.685	43	403325	46.091	ug/L	99
49) Dibromochloromethane	8.804	129	83635	4.874	ug/L	98
50) 1,2-Dibromoethane	8.920	107	69080	4.849	ug/L	100
51) Chlorobenzene	9.444	112	278749	4.822	ug/L	99
52) Ethylbenzene	9.566	91	491596	4.921	ug/L	99
53) m,p-Xylene	9.692	106	180302	4.910	ug/L	95
54) o-Xylene	10.097	106	177217	4.968	ug/L	98
55) Styrene	10.113	104	304150	5.126	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	91367	4.958	ug/L #	96
59) Bromoform	10.286	173	48687	5.437	ug/L	99
60) Isopropylbenzene	10.479	105	464851	5.014	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	61879	5.017	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	377030	4.953	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	374670	4.987	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	208163	4.936	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	205775	4.865	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	192215	4.968	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.994	75	11851	4.498	ug/L	100
69) 1,3,5-Trichlorobenzene	13.216	180	147327	4.640	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	109831	4.247	ug/L	99
71) Naphthalene	14.084	128	153795	3.936	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	90114	4.230	ug/L	98

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

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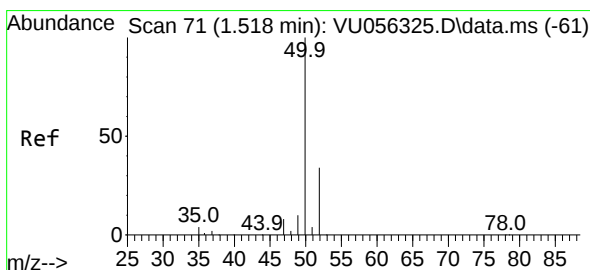
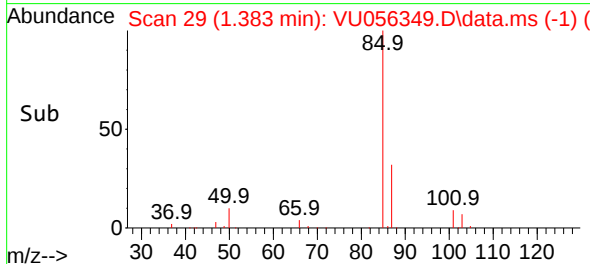
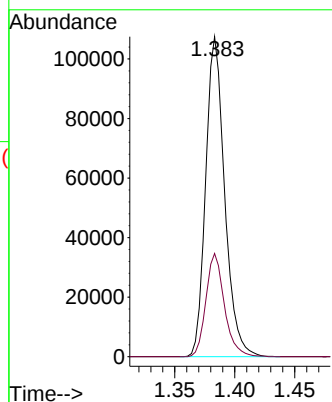
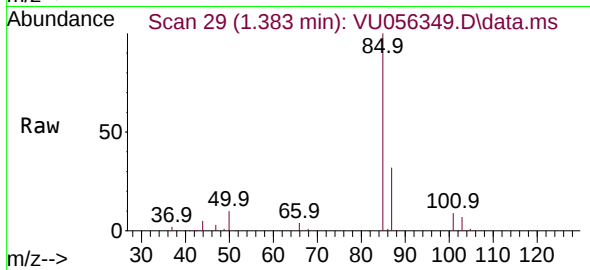




#2
 Dichlorodifluoromethane
 Concen: 4.868 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU056349.D
 Acq: 15 Nov 2023 11:36

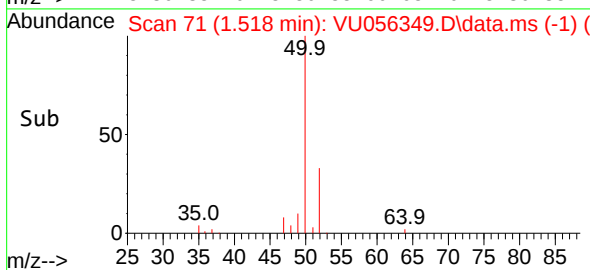
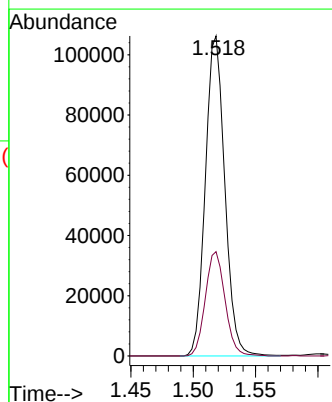
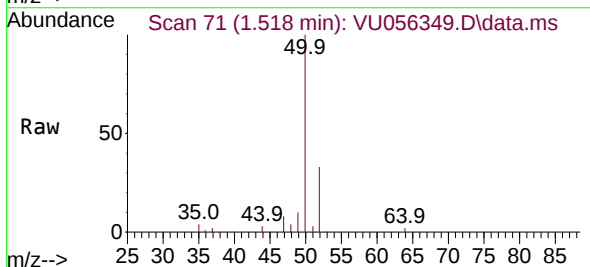
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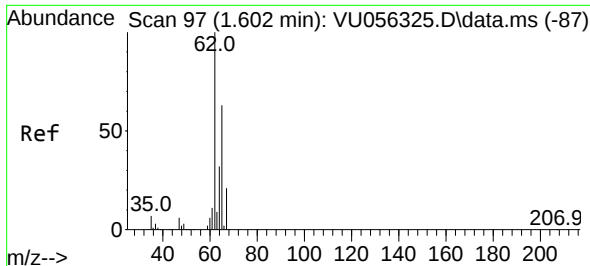
Tgt Ion: 85 Resp: 118357
 Ion Ratio Lower Upper
 85 100
 87 31.4 25.0 37.4



#3
 Chloromethane
 Concen: 4.639 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU056349.D
 Acq: 15 Nov 2023 11:36

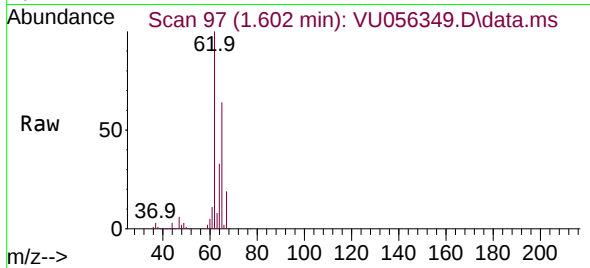
Tgt Ion: 50 Resp: 115265
 Ion Ratio Lower Upper
 50 100
 52 32.6 24.3 45.1



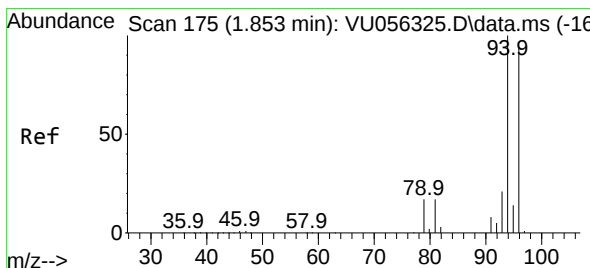
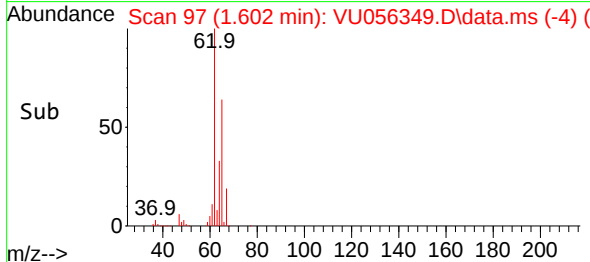
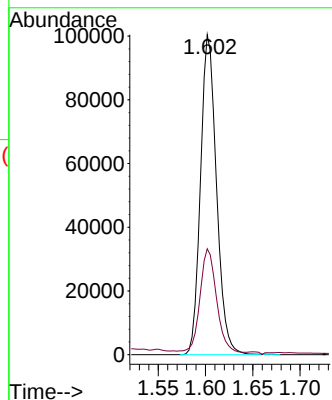


#5
 Vinyl chloride
 Concen: 4.929 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU056349.D
 Acq: 15 Nov 2023 11:36

Instrument :
 MSVOA_U
 ClientSampleId :

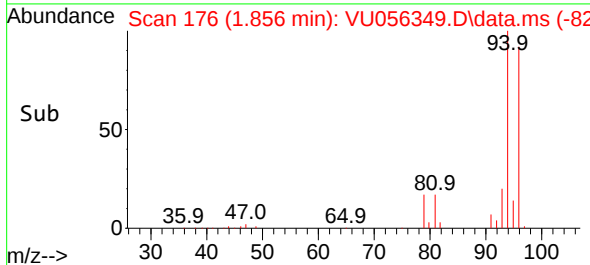
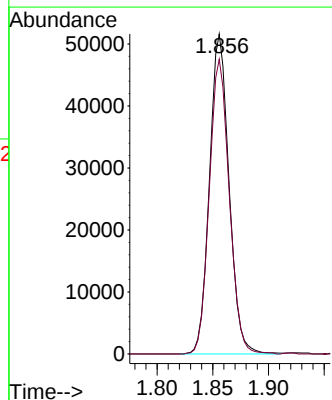
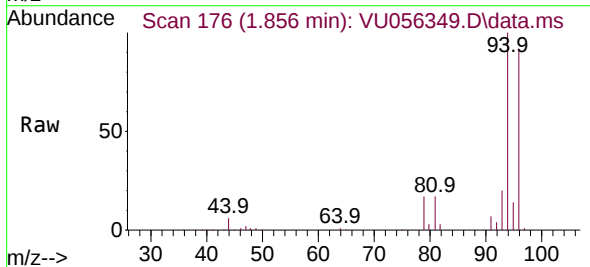


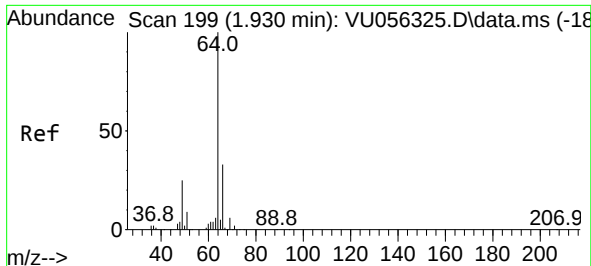
Tgt Ion: 62 Resp: 118003
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.3 43.3



#6
 Bromomethane
 Concen: 5.209 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.003 min
 Lab File: VU056349.D
 Acq: 15 Nov 2023 11:36

Tgt Ion: 94 Resp: 63123
 Ion Ratio Lower Upper
 94 100
 96 92.1 62.6 116.2

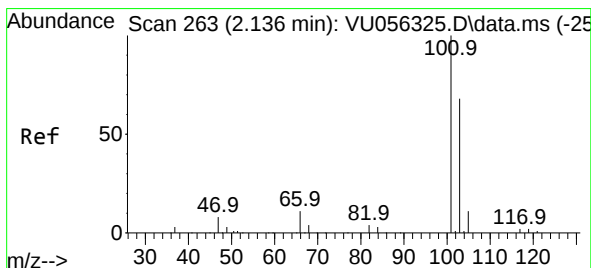
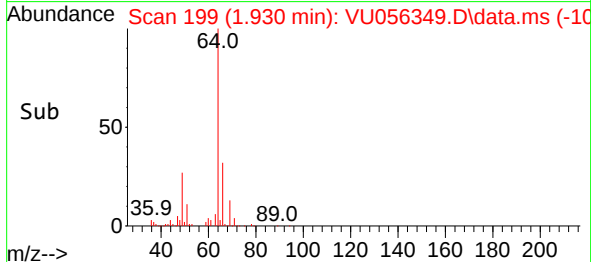
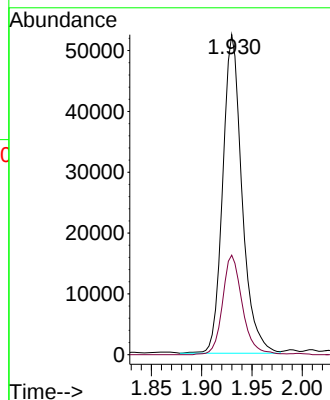
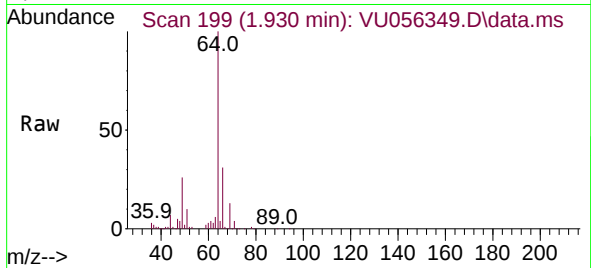




#8
Chloroethane
Concen: 4.778 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU056349.D
Acq: 15 Nov 2023 11:36

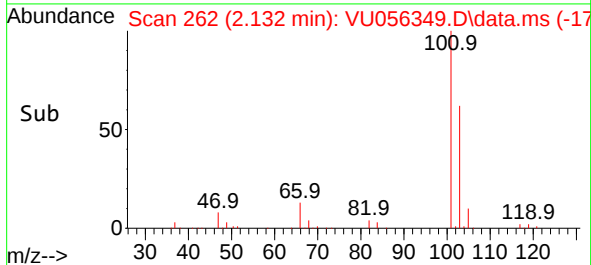
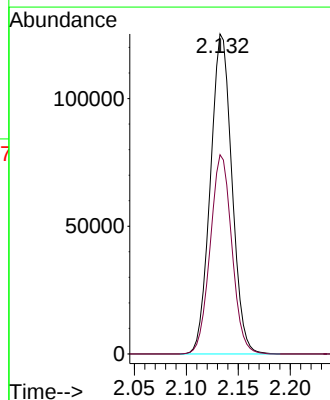
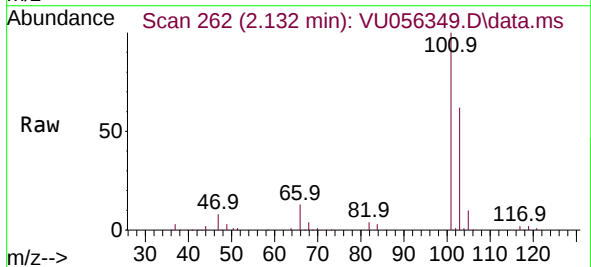
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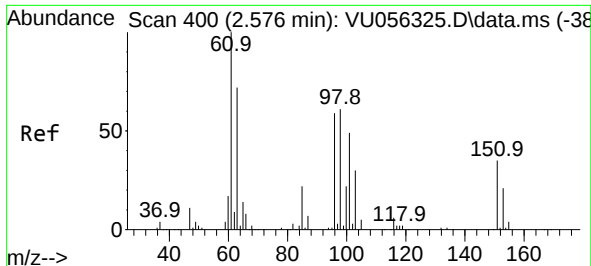
Tgt Ion: 64 Resp: 69880
Ion Ratio Lower Upper
64 100
66 31.1 23.9 44.5



#9
Trichlorofluoromethane
Concen: 5.233 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.003 min
Lab File: VU056349.D
Acq: 15 Nov 2023 11:36

Tgt Ion:101 Resp: 180537
Ion Ratio Lower Upper
101 100
103 62.5 52.0 78.0

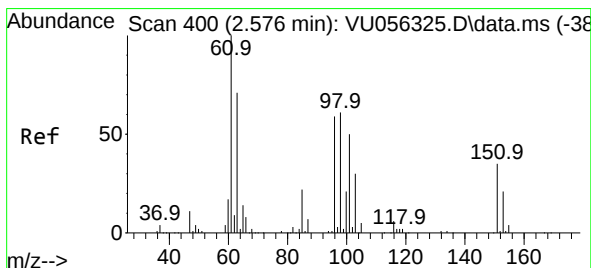
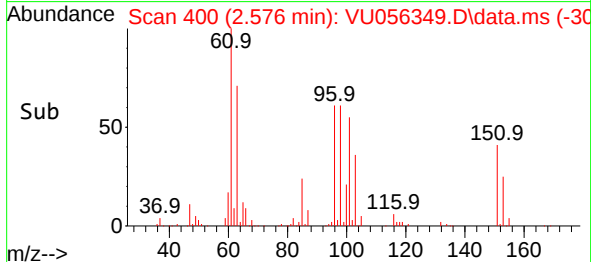
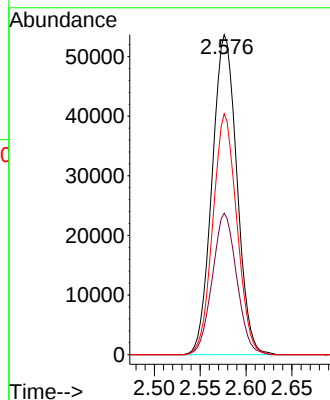
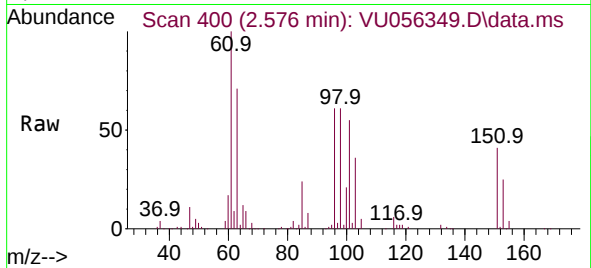




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.920 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU056349.D
 Acq: 15 Nov 2023 11:36

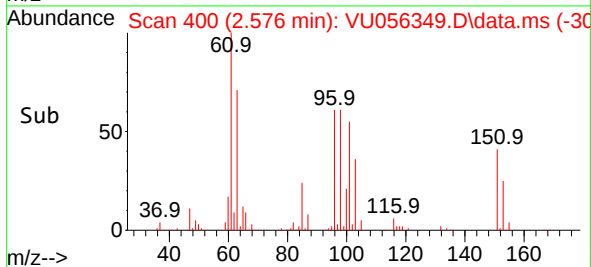
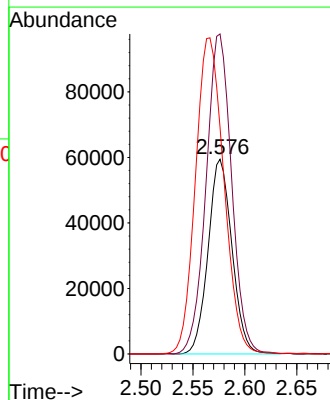
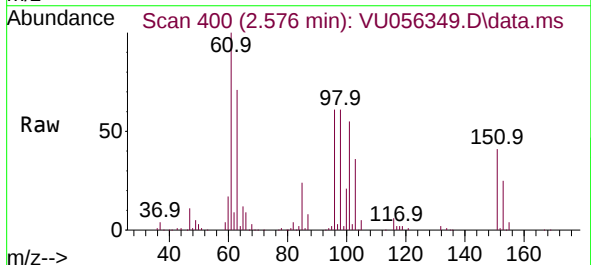
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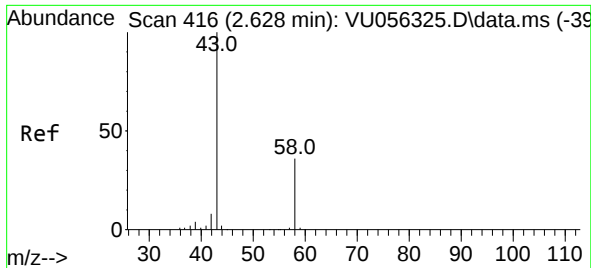
Tgt Ion:101 Resp: 100782
 Ion Ratio Lower Upper
 101 100
 85 43.5 35.4 53.0
 151 73.0 58.0 87.0



#12
 1,1-Dichloroethene
 Concen: 5.056 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU056349.D
 Acq: 15 Nov 2023 11:36

Tgt Ion: 96 Resp: 94983
 Ion Ratio Lower Upper
 96 100
 61 164.3 123.1 228.7
 63 116.4 93.3 173.3





#13

Acetone

Concen: 40.762 ug/L

RT: 2.634 min Scan# 416

Delta R.T. 0.006 min

Lab File: VU056349.D

Acq: 15 Nov 2023 11:36

Instrument :

MSVOA_U

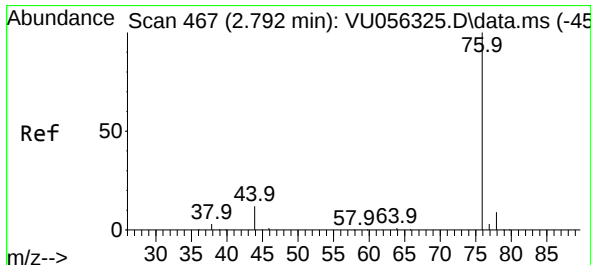
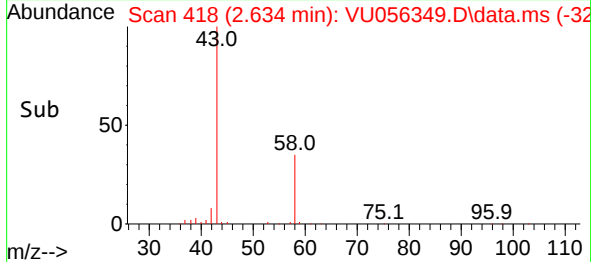
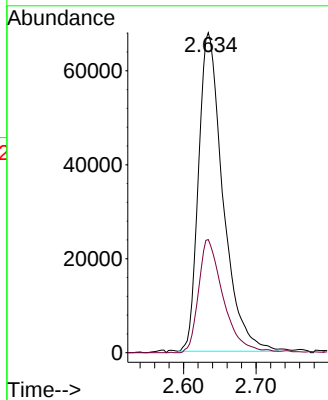
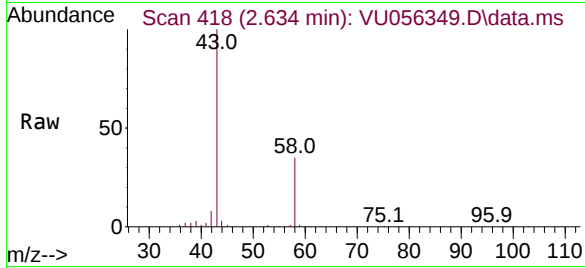
ClientSampleId :

Tgt Ion: 43 Resp: 158906

Ion Ratio Lower Upper

43 100

58 35.9 0.0 70.0



#14

Carbon disulfide

Concen: 4.597 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.003 min

Lab File: VU056349.D

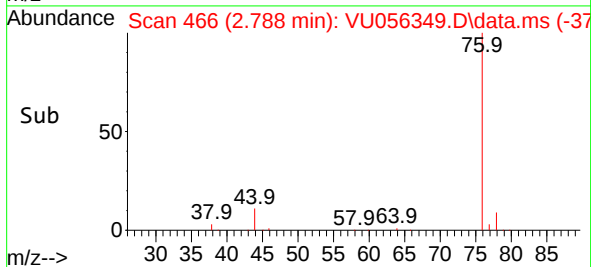
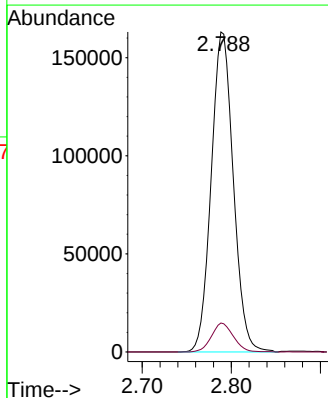
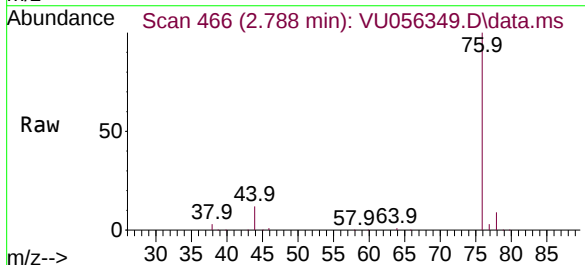
Acq: 15 Nov 2023 11:36

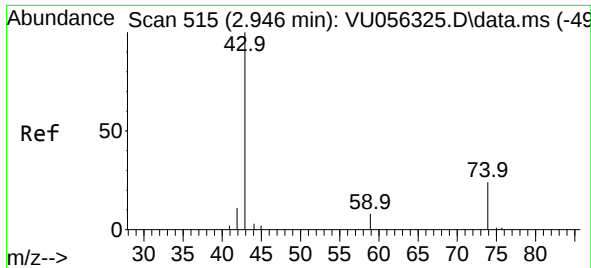
Tgt Ion: 76 Resp: 281040

Ion Ratio Lower Upper

76 100

78 9.0 6.8 10.2

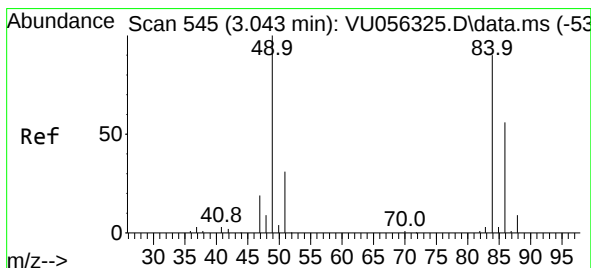
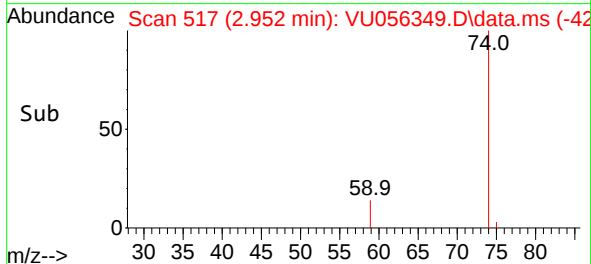
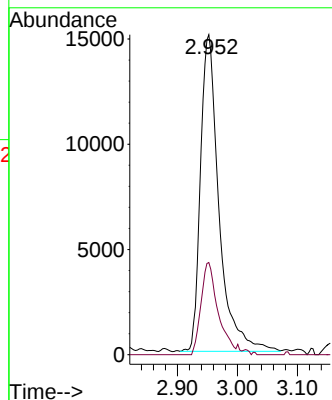
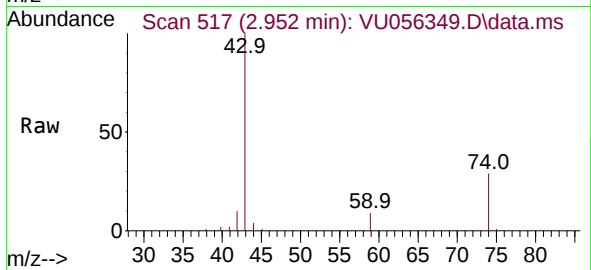




#15
Methyl Acetate
Concen: 4.660 ug/L
RT: 2.952 min Scan# 515
Delta R.T. 0.006 min
Lab File: VU056349.D
Acq: 15 Nov 2023 11:36

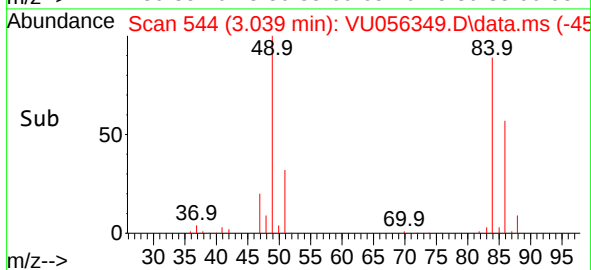
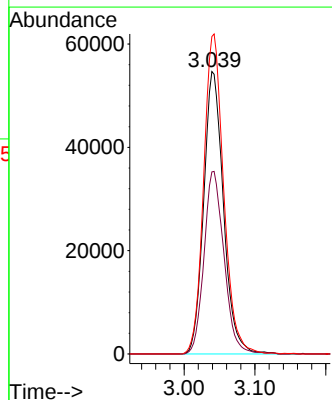
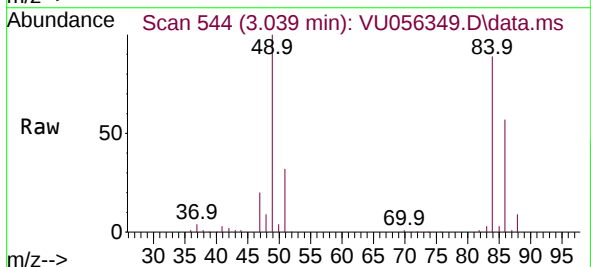
Instrument :
MSVOA_U
ClientSampleId :

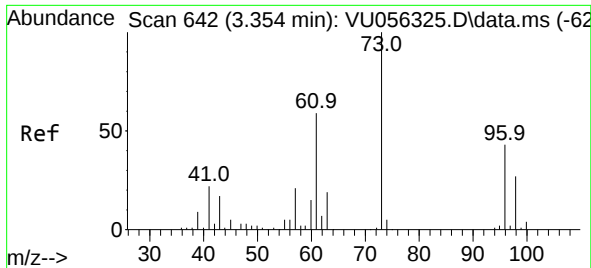
Tgt Ion: 43 Resp: 32331
Ion Ratio Lower Upper
43 100
74 27.2 20.6 31.0



#16
Methylene chloride
Concen: 4.273 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU056349.D
Acq: 15 Nov 2023 11:36

Tgt Ion: 84 Resp: 106242
Ion Ratio Lower Upper
84 100
86 64.4 44.7 83.1
49 112.4 81.8 152.0

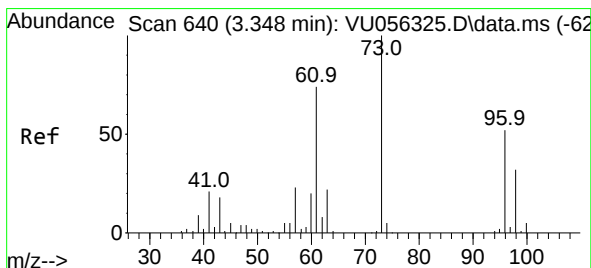
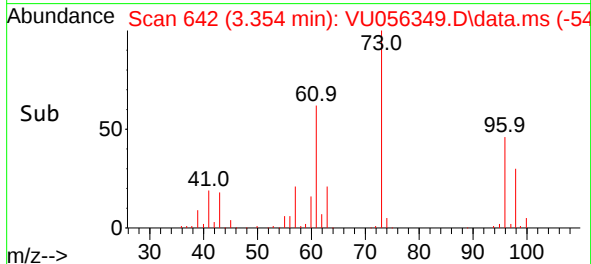
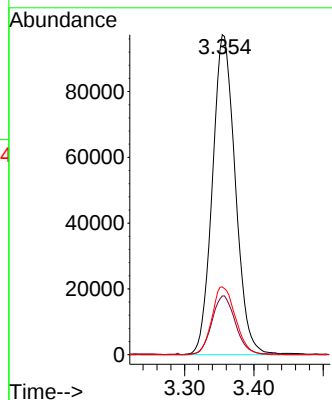
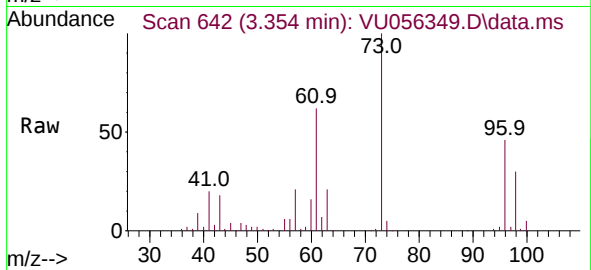




#17
Methyl tert-butyl Ether
Concen: 4.888 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU056349.D
Acq: 15 Nov 2023 11:36

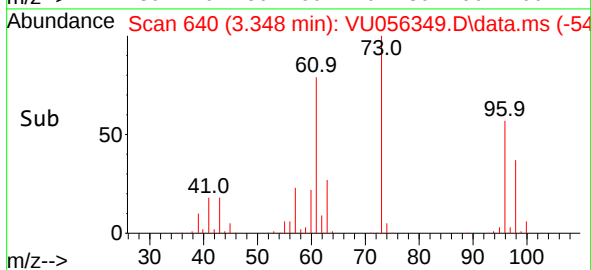
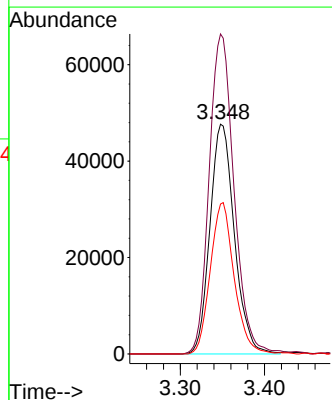
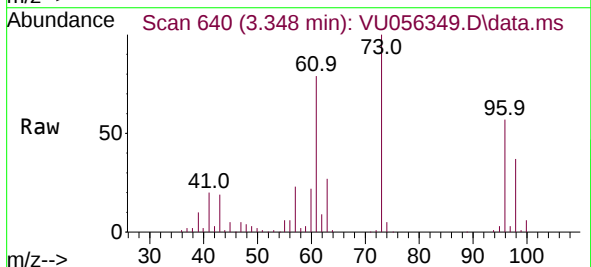
Instrument :
MSVOA_U
ClientSampleId :

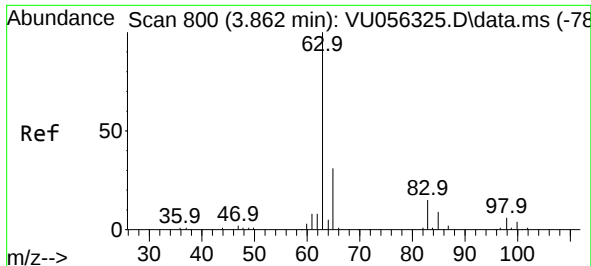
Tgt Ion: 73 Resp: 223119
Ion Ratio Lower Upper
73 100
43 19.0 15.1 22.7
57 21.8 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 4.975 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU056349.D
Acq: 15 Nov 2023 11:36

Tgt Ion: 96 Resp: 96170
Ion Ratio Lower Upper
96 100
61 139.2 101.7 188.9
98 65.2 43.0 80.0





#19

1,1-Dichloroethane

Concen: 5.077 ug/L

RT: 3.862 min Scan# 80

Delta R.T. -0.000 min

Lab File: VU056349.D

Acq: 15 Nov 2023 11:36

Instrument :

MSVOA_U

ClientSampleId :

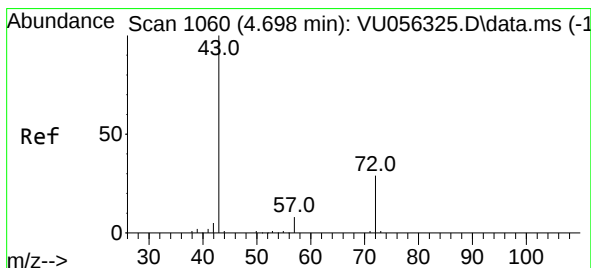
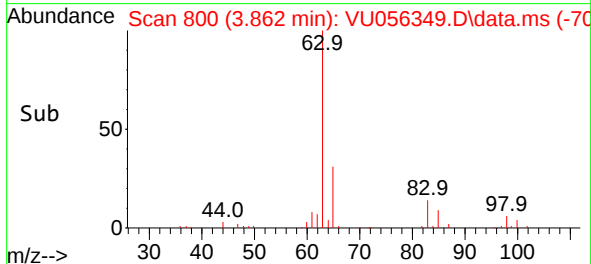
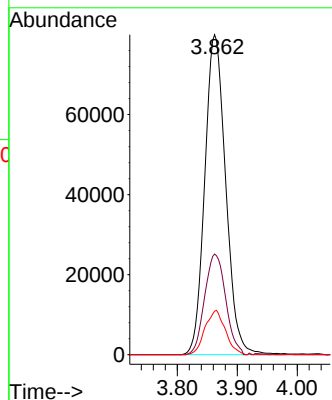
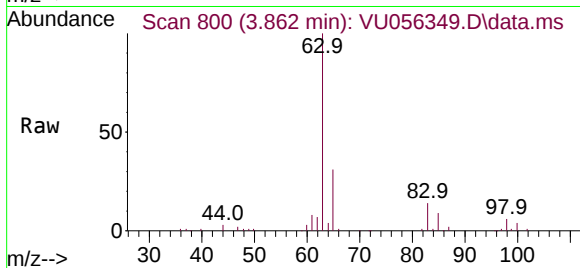
Tgt Ion: 63 Resp: 194393

Ion Ratio Lower Upper

63 100

65 31.5 21.8 40.6

83 13.6 9.7 17.9



#21

2-Butanone

Concen: 44.590 ug/L

RT: 4.705 min Scan# 1062

Delta R.T. 0.006 min

Lab File: VU056349.D

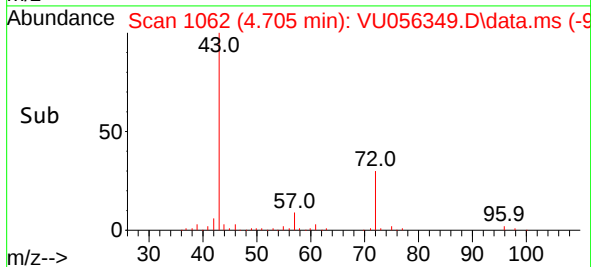
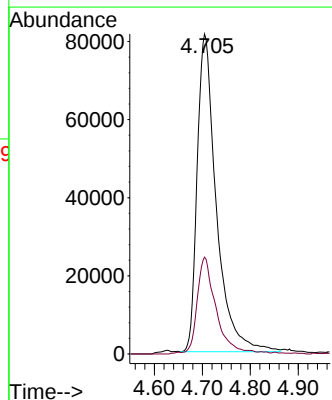
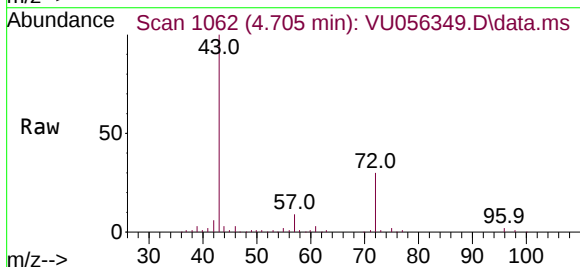
Acq: 15 Nov 2023 11:36

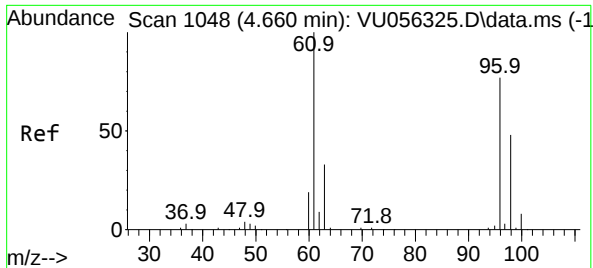
Tgt Ion: 43 Resp: 225562

Ion Ratio Lower Upper

43 100

72 28.0 14.2 42.6

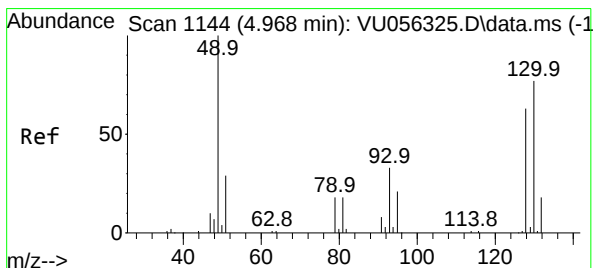
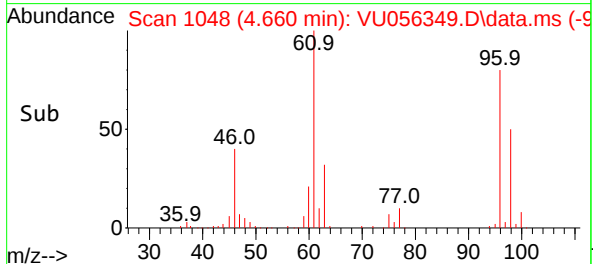
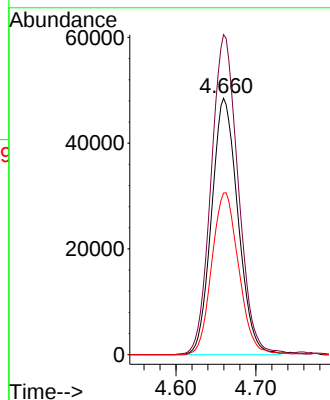
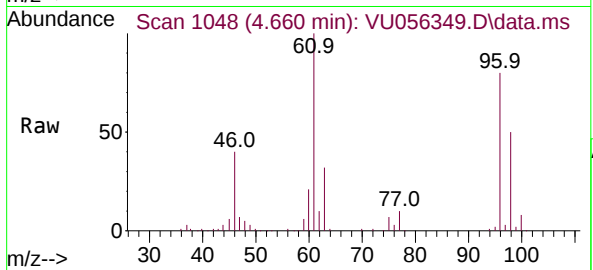




#22
 cis-1,2-Dichloroethene
 Concen: 5.078 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU056349.D
 Acq: 15 Nov 2023 11:36

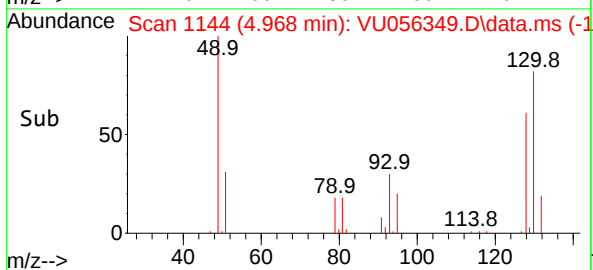
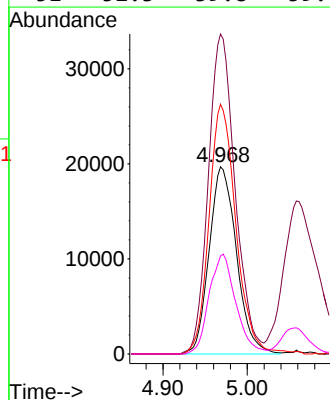
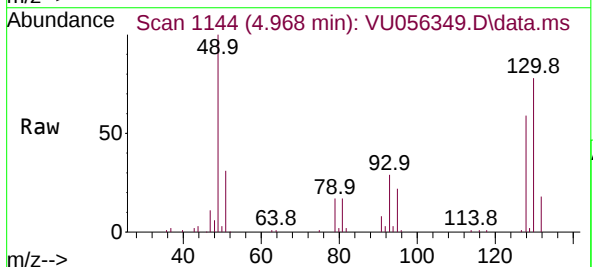
Instrument :
 MSVOA_U
 ClientSampleId :

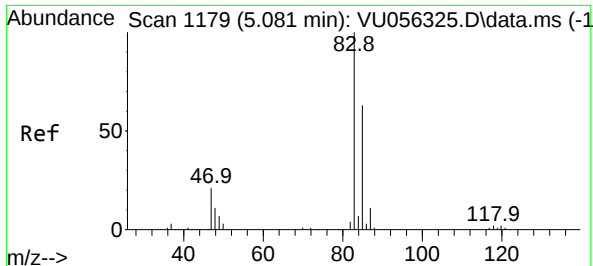
Tgt Ion: 96 Resp: 111306
 Ion Ratio Lower Upper
 96 100
 61 124.8 93.2 173.2
 98 63.0 44.8 83.2



#23
 Bromochloromethane
 Concen: 4.917 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.000 min
 Lab File: VU056349.D
 Acq: 15 Nov 2023 11:36

Tgt Ion:128 Resp: 44364
 Ion Ratio Lower Upper
 128 100
 49 170.9 113.4 210.6
 130 133.4 84.8 157.6
 51 52.3 39.8 59.6





#25

Chloroform

Concen: 4.846 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VU056349.D

Acq: 15 Nov 2023 11:36

Instrument :

MSVOA_U

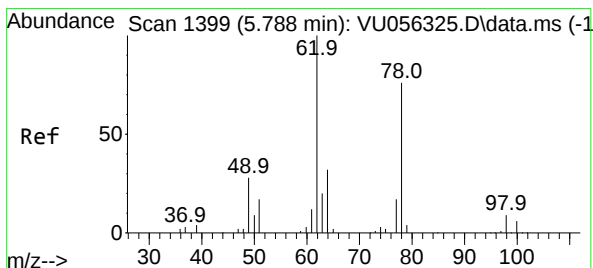
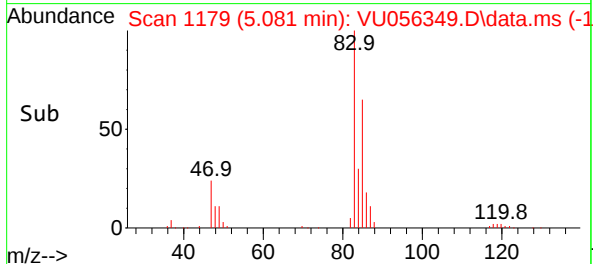
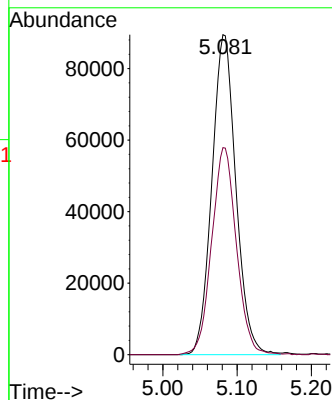
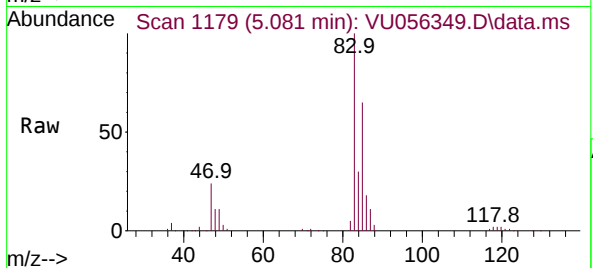
ClientSampleId :

Tgt Ion: 83 Resp: 201007

Ion Ratio Lower Upper

83 100

85 64.7 47.0 87.2



#27

1,2-Dichloroethane

Concen: 4.962 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VU056349.D

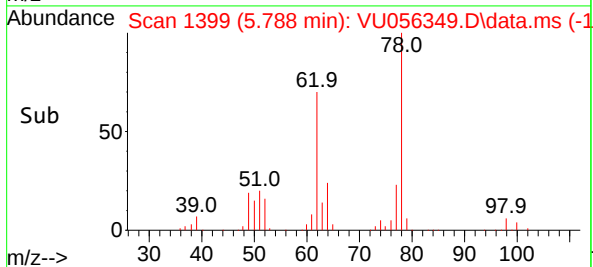
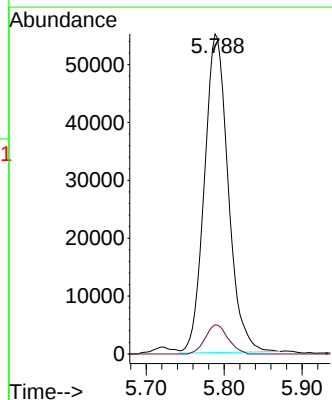
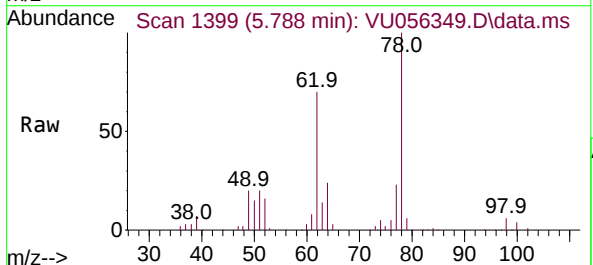
Acq: 15 Nov 2023 11:36

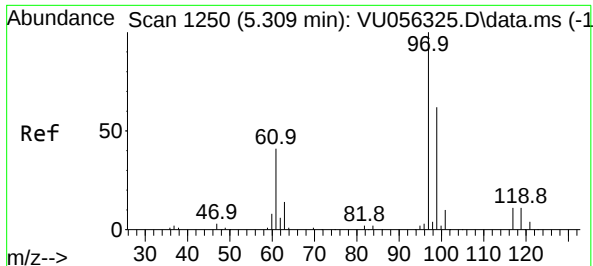
Tgt Ion: 62 Resp: 116863

Ion Ratio Lower Upper

62 100

98 9.1 6.6 10.0

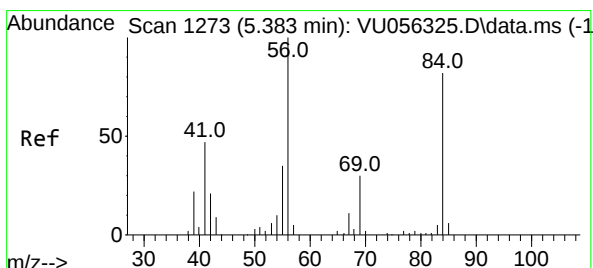
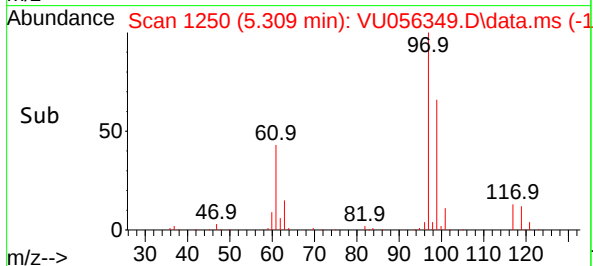
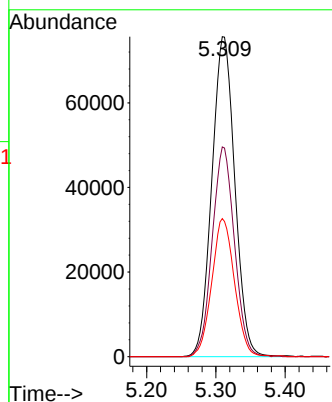
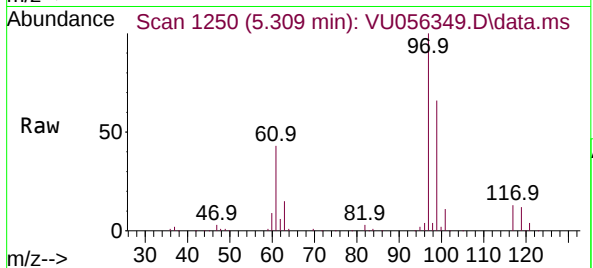




#29
1,1,1-Trichloroethane
Concen: 4.984 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.000 min
Lab File: VU056349.D
Acq: 15 Nov 2023 11:36

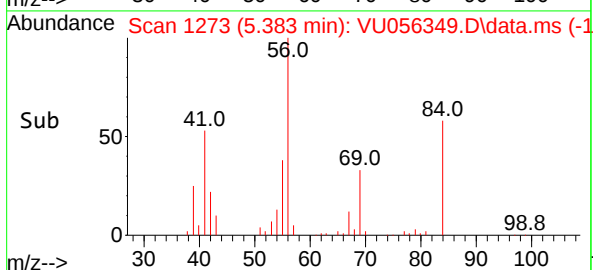
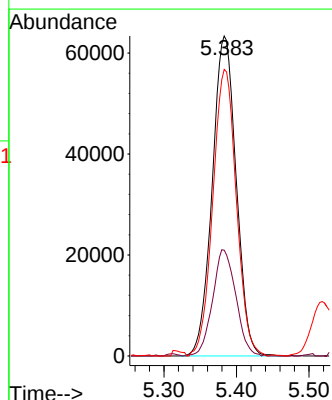
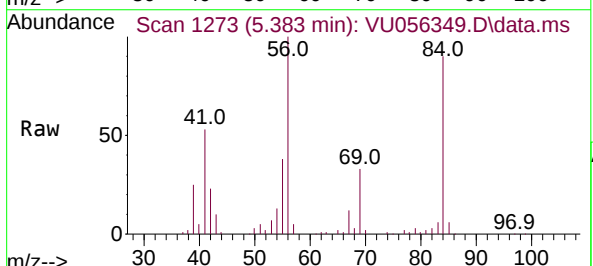
Instrument :
MSVOA_U
ClientSampleId :

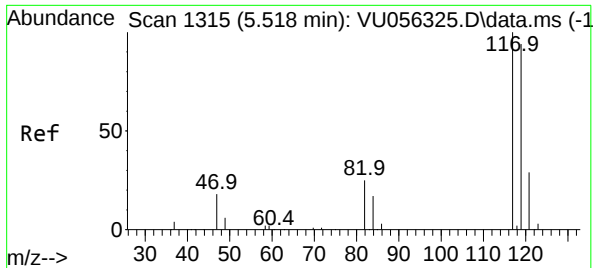
Tgt Ion: 97 Resp: 174227
Ion Ratio Lower Upper
97 100
99 63.6 51.6 77.4
61 42.7 34.3 51.5



#30
Cyclohexane
Concen: 4.378 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VU056349.D
Acq: 15 Nov 2023 11:36

Tgt Ion: 56 Resp: 145255
Ion Ratio Lower Upper
56 100
69 32.2 25.4 38.2
84 87.9 68.6 103.0

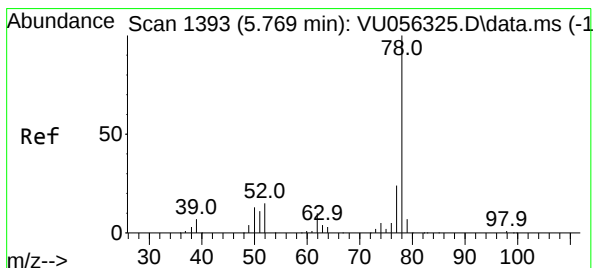
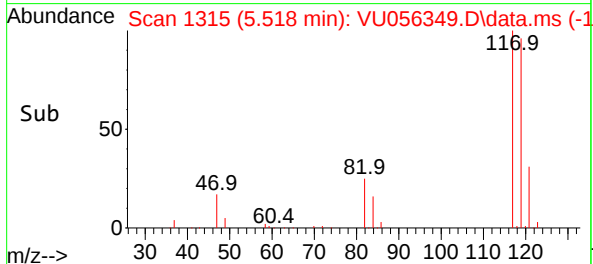
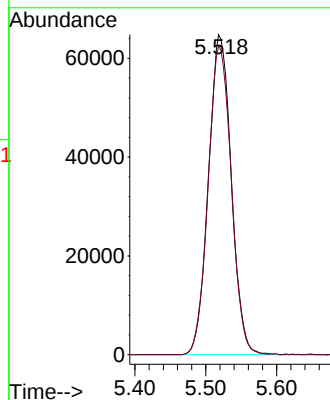
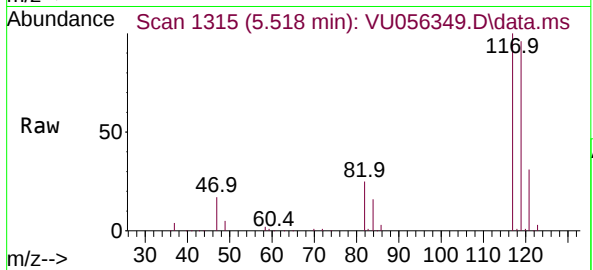




#31
Carbon tetrachloride
Concen: 4.820 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU056349.D
Acq: 15 Nov 2023 11:36

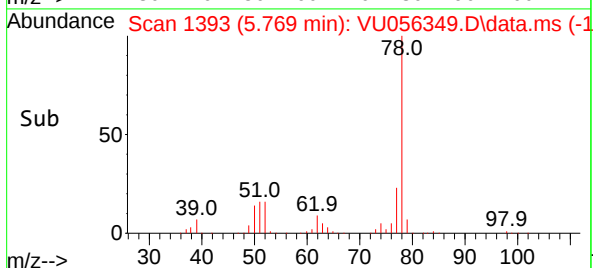
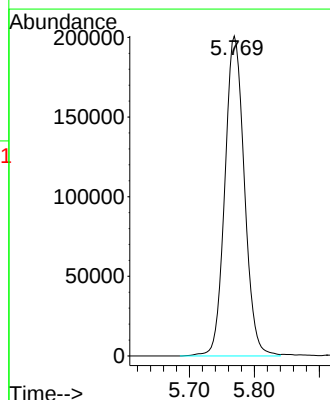
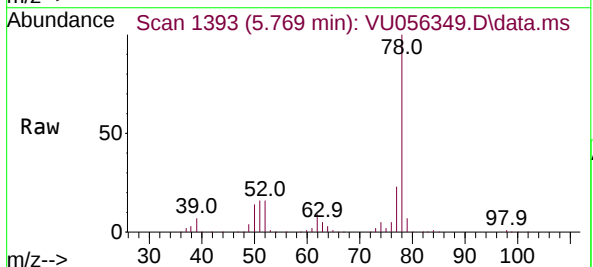
Instrument :
MSVOA_U
ClientSampleId :

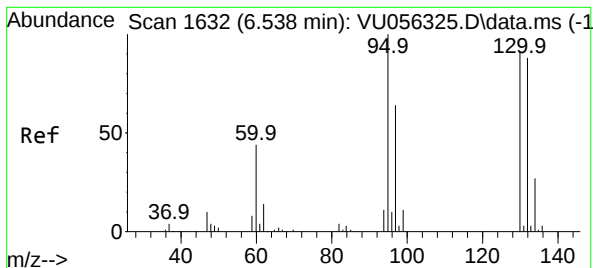
Tgt Ion:117 Resp: 144700
Ion Ratio Lower Upper
117 100
119 97.9 78.1 117.1



#33
Benzene
Concen: 4.826 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU056349.D
Acq: 15 Nov 2023 11:36

Tgt Ion: 78 Resp: 419286





#34

Trichloroethene

Concen: 4.784 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU056349.D

Acq: 15 Nov 2023 11:36

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 113254

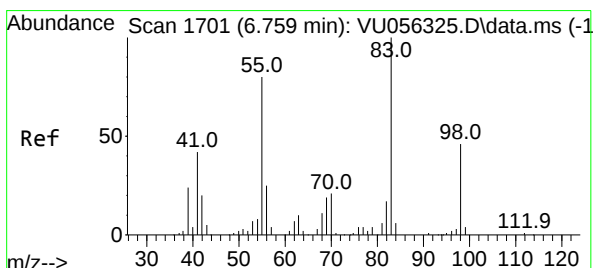
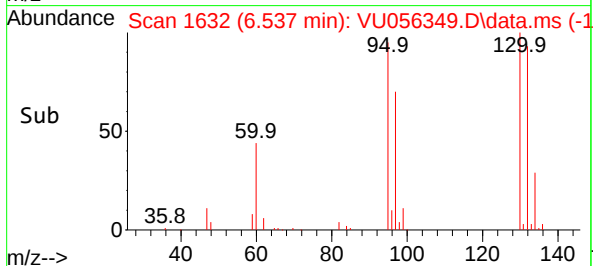
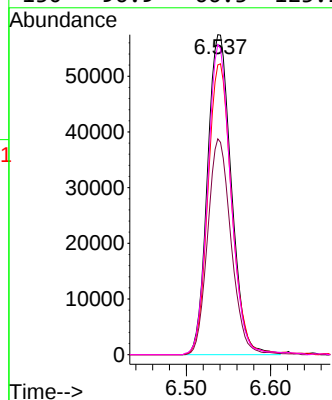
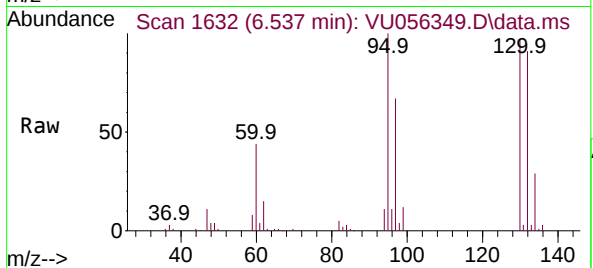
Ion Ratio Lower Upper

95 100

97 67.5 46.5 86.3

132 90.5 62.0 115.2

130 96.9 66.3 123.1



#35

Methylcyclohexane

Concen: 4.594 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VU056349.D

Acq: 15 Nov 2023 11:36

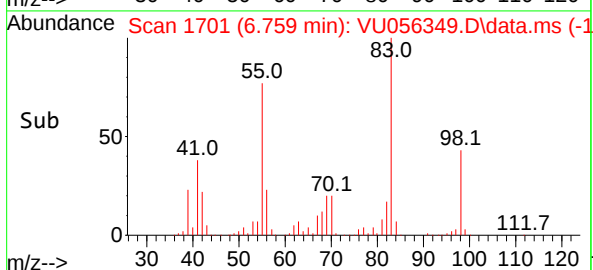
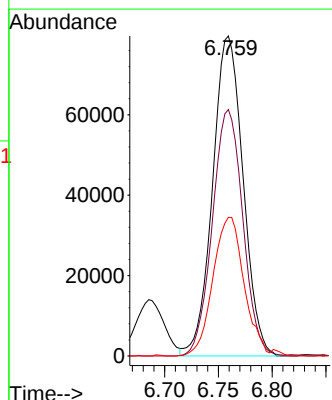
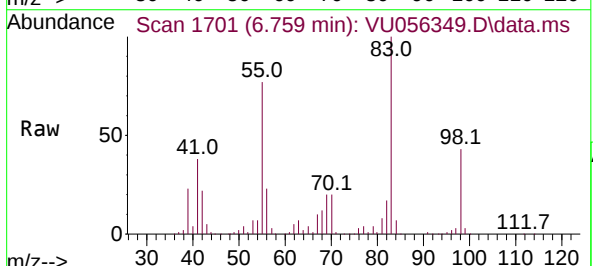
Tgt Ion: 83 Resp: 157022

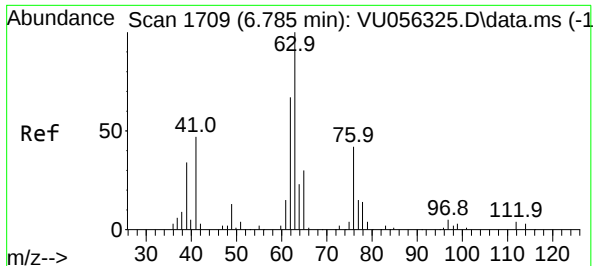
Ion Ratio Lower Upper

83 100

55 76.9 62.9 94.3

98 44.2 35.3 52.9





#37

1,2-Dichloropropane

Concen: 4.855 ug/L

RT: 6.785 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU056349.D

Acq: 15 Nov 2023 11:36

Instrument :

MSVOA_U

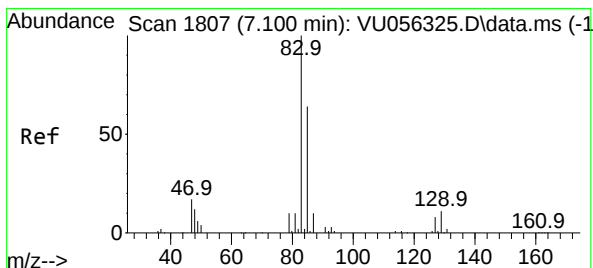
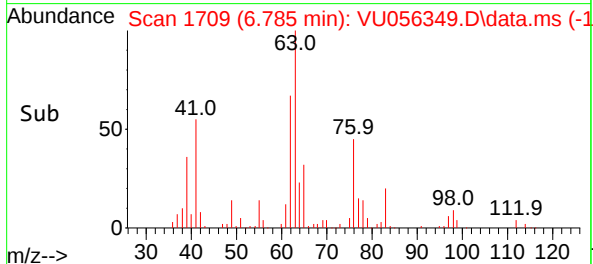
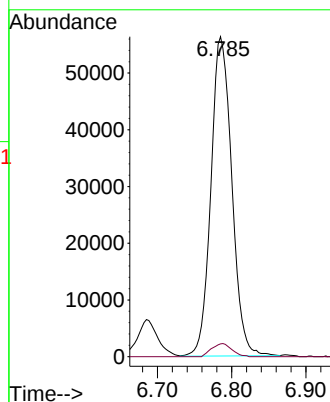
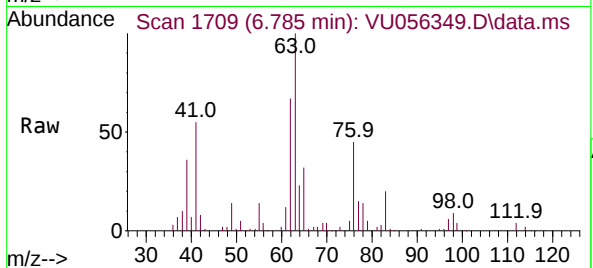
ClientSampleId :

Tgt Ion: 63 Resp: 110013

Ion Ratio Lower Upper

63 100

112 4.0 3.2 4.8



#38

Bromodichloromethane

Concen: 4.696 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VU056349.D

Acq: 15 Nov 2023 11:36

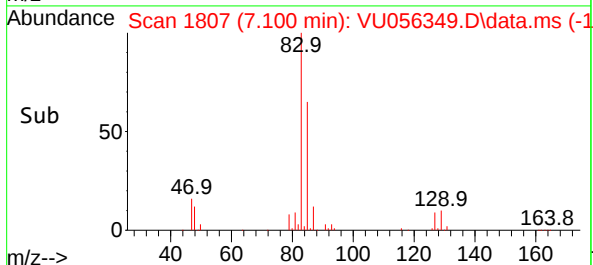
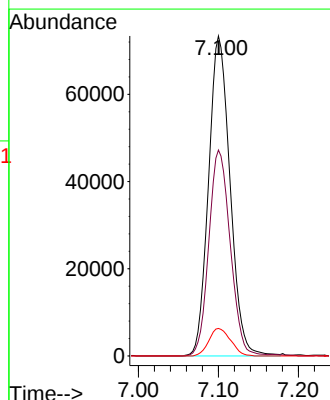
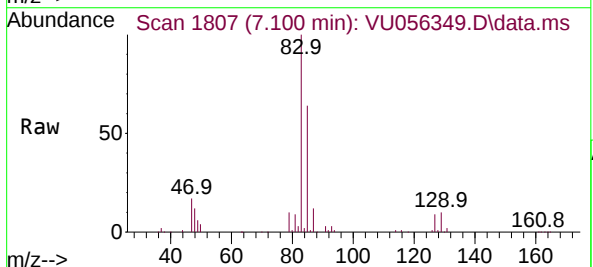
Tgt Ion: 83 Resp: 137356

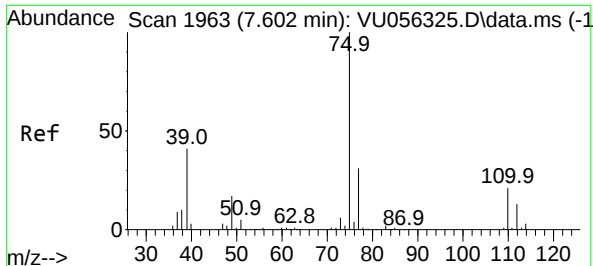
Ion Ratio Lower Upper

83 100

85 64.4 44.9 83.5

127 8.6 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.646 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VU056349.D

Acq: 15 Nov 2023 11:36

Instrument :

MSVOA_U

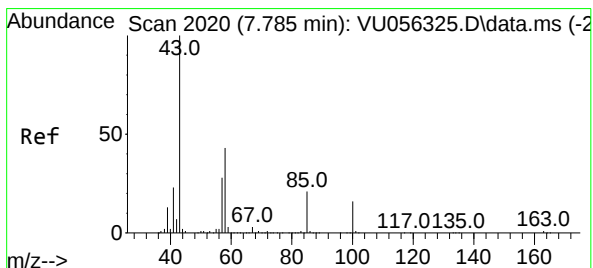
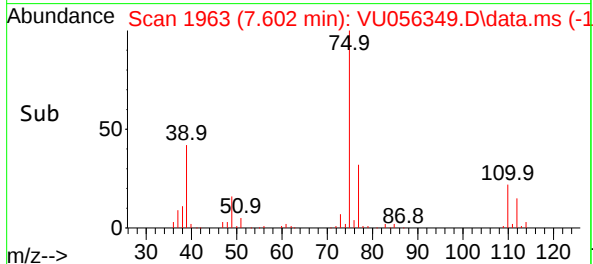
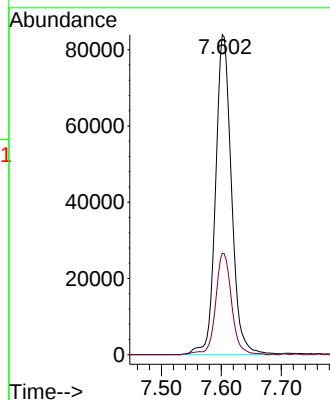
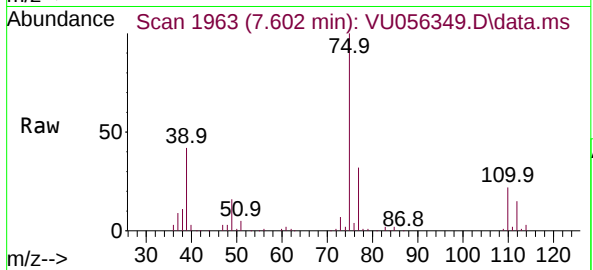
ClientSampleId :

Tgt Ion: 75 Resp: 154679

Ion Ratio Lower Upper

75 100

77 31.7 21.5 39.9



#40

4-Methyl-2-pentanone

Concen: 47.616 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. 0.003 min

Lab File: VU056349.D

Acq: 15 Nov 2023 11:36

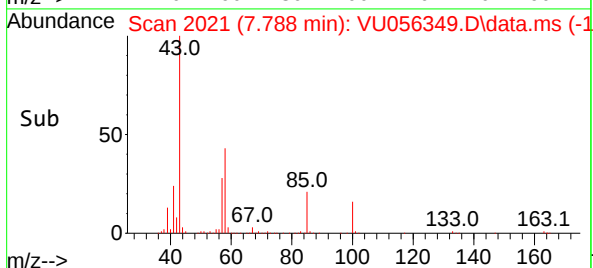
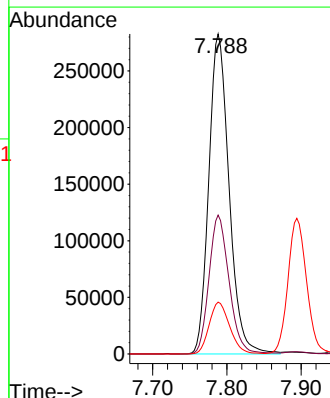
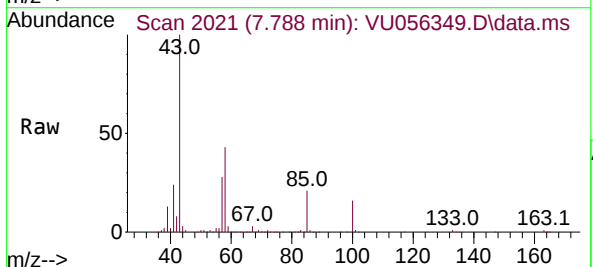
Tgt Ion: 43 Resp: 534838

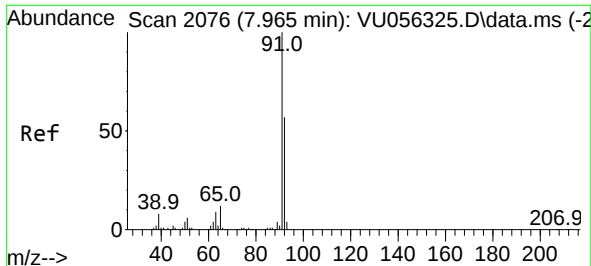
Ion Ratio Lower Upper

43 100

58 43.0 33.8 50.8

100 16.4 13.0 19.4





#42

Toluene

Concen: 4.901 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU056349.D

Acq: 15 Nov 2023 11:36

Instrument :

MSVOA_U

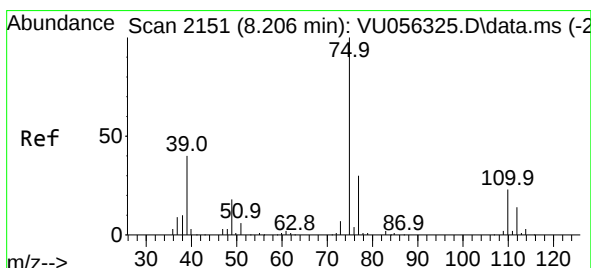
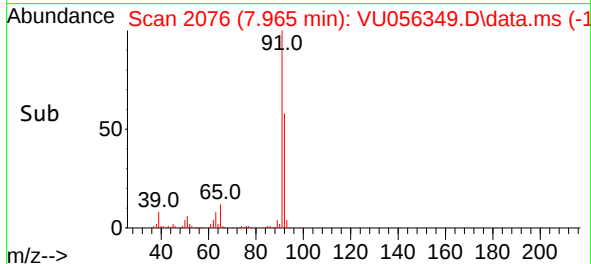
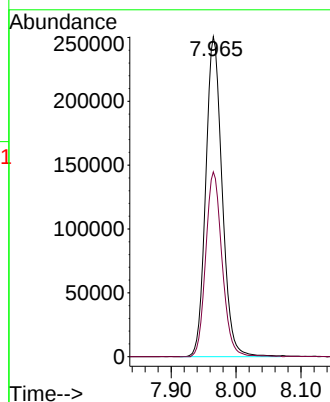
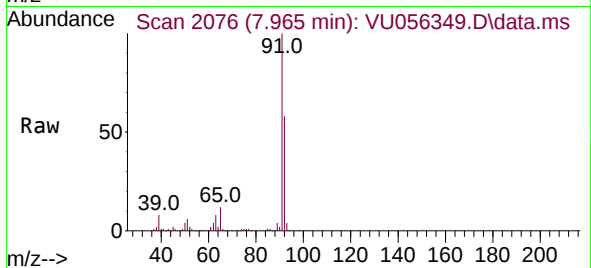
ClientSampleId :

Tgt Ion: 91 Resp: 440909

Ion Ratio Lower Upper

91 100

92 57.7 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 4.829 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU056349.D

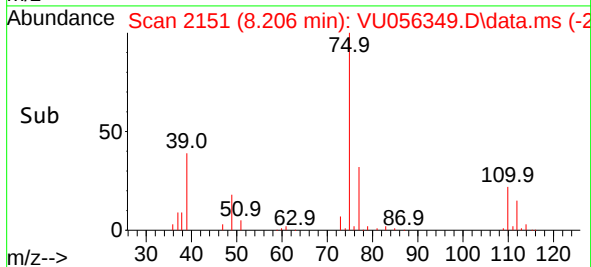
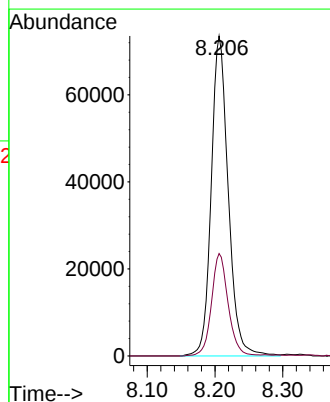
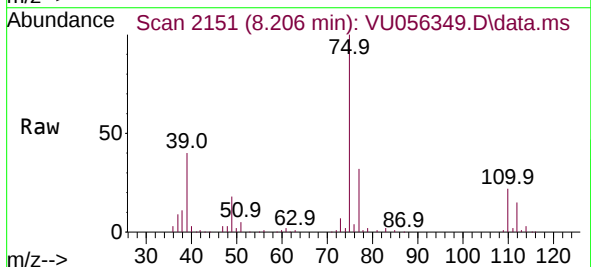
Acq: 15 Nov 2023 11:36

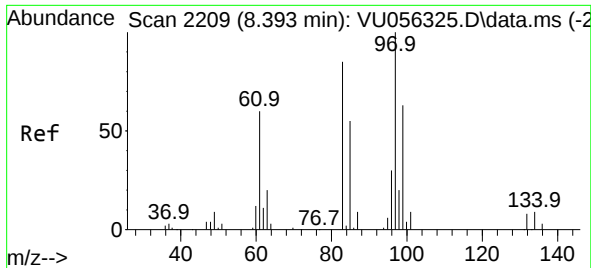
Tgt Ion: 75 Resp: 128181

Ion Ratio Lower Upper

75 100

77 32.0 22.8 42.4

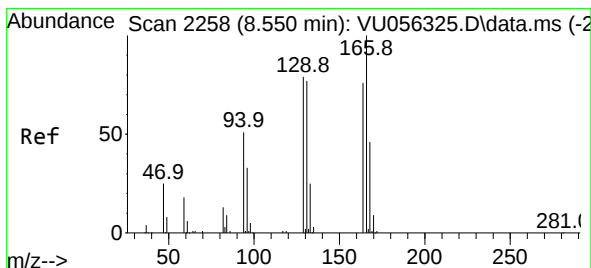
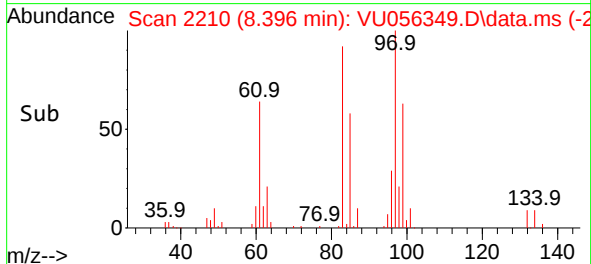
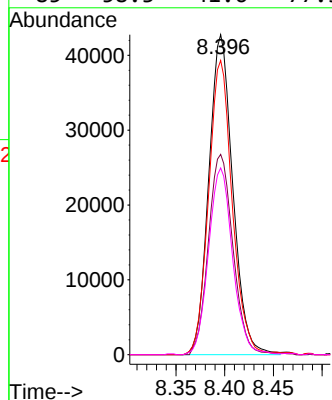
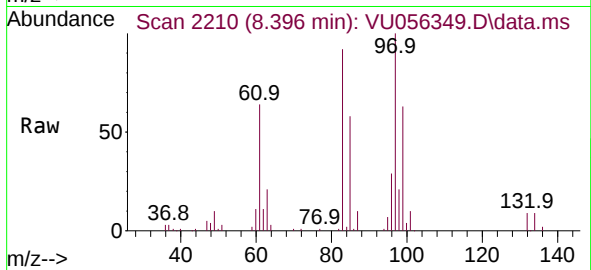




#45
1,1,2-Trichloroethane
Concen: 4.842 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. 0.003 min
Lab File: VU056349.D
Acq: 15 Nov 2023 11:36

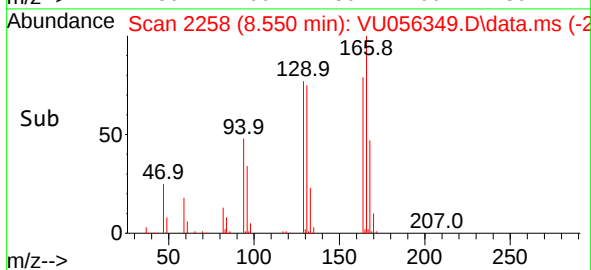
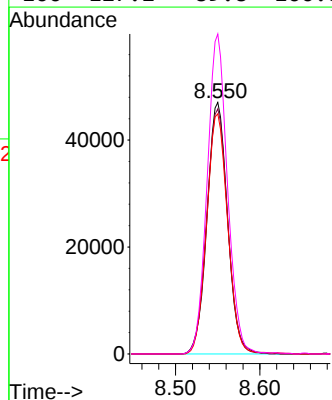
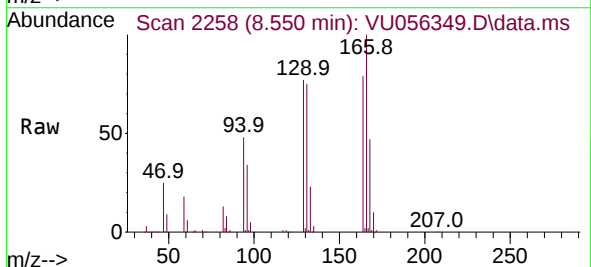
Instrument :
MSVOA_U
ClientSampleId :

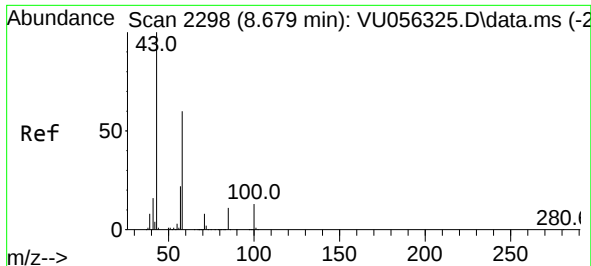
Tgt Ion:	97	Resp:	73064
Ion	Ratio	Lower	Upper
97	100		
99	62.6	44.3	82.3
83	91.9	65.4	121.4
85	58.3	41.6	77.3



#47
Tetrachloroethene
Concen: 5.001 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU056349.D
Acq: 15 Nov 2023 11:36

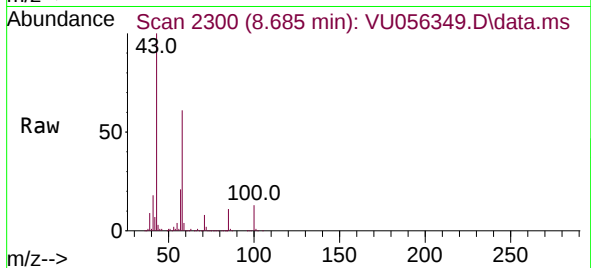
Tgt Ion:	164	Resp:	79830
Ion	Ratio	Lower	Upper
164	100		
129	97.5	71.0	131.9
131	95.5	70.3	130.7
166	127.2	89.8	166.8



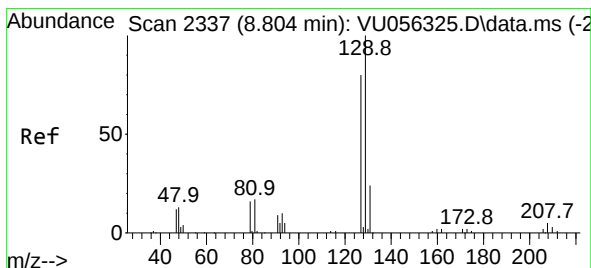
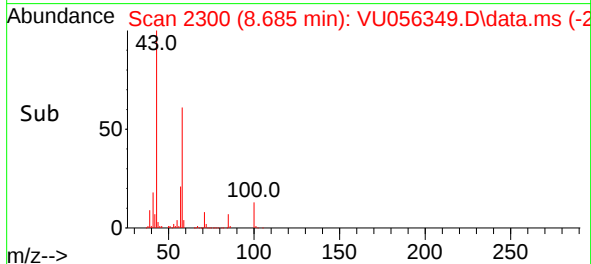
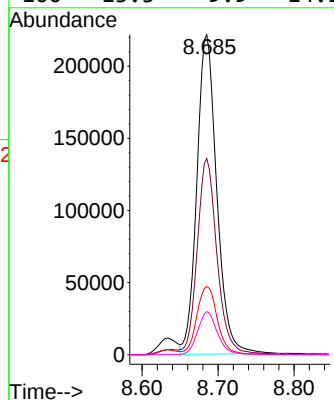


#48
2-Hexanone
Concen: 46.091 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU056349.D
Acq: 15 Nov 2023 11:36

Instrument :
MSVOA_U
ClientSampleId :

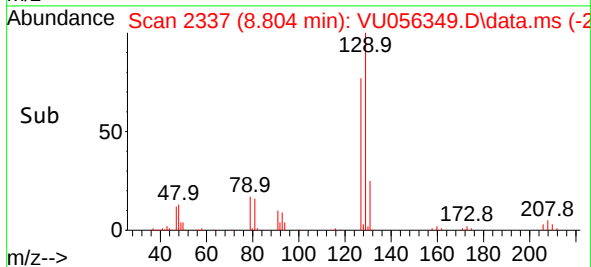
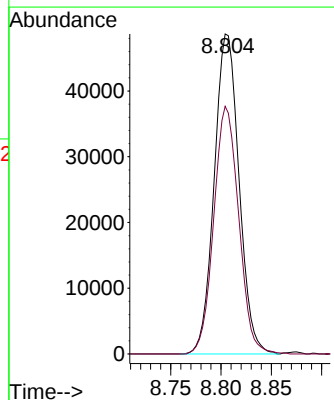
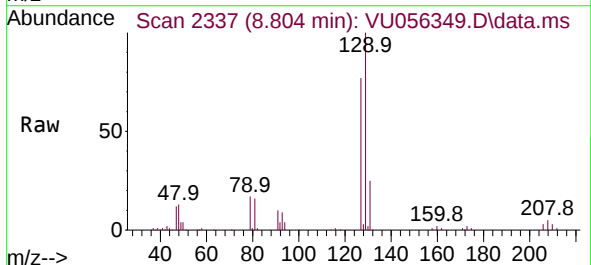


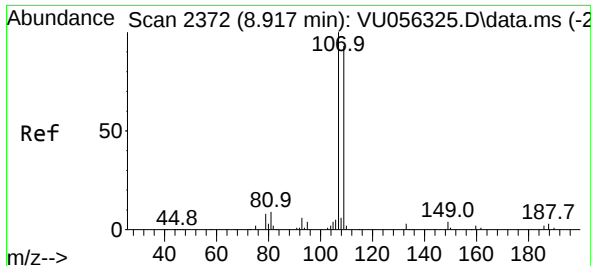
Tgt Ion: 43 Resp: 403325
Ion Ratio Lower Upper
43 100
58 61.0 48.7 73.1
57 22.1 16.8 25.2
100 13.3 9.9 14.9



#49
Dibromochloromethane
Concen: 4.874 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU056349.D
Acq: 15 Nov 2023 11:36

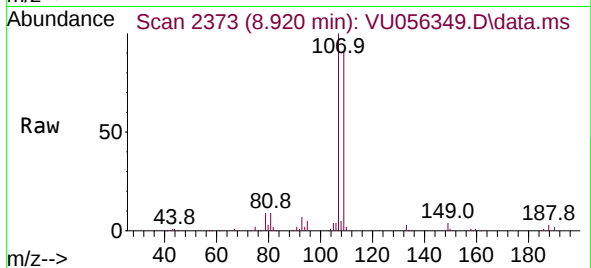
Tgt Ion: 129 Resp: 83635
Ion Ratio Lower Upper
129 100
127 77.4 52.9 98.3



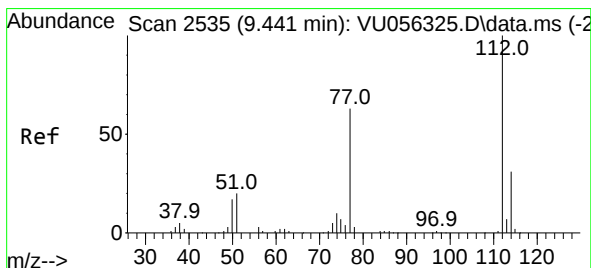
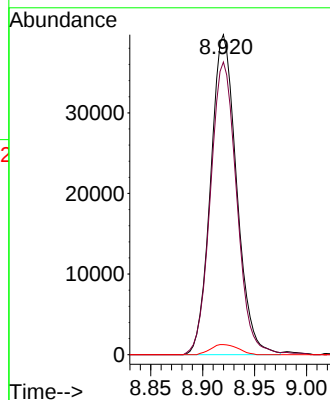
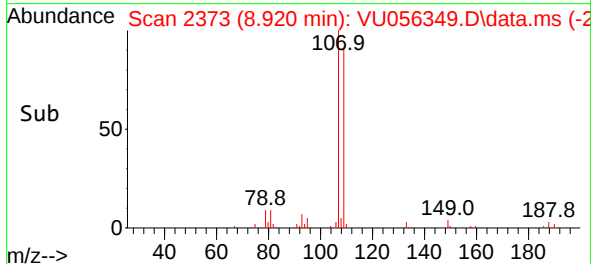


#50
1,2-Dibromoethane
Concen: 4.849 ug/L
RT: 8.920 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056349.D
Acq: 15 Nov 2023 11:36

Instrument :
MSVOA_U
ClientSampleId :

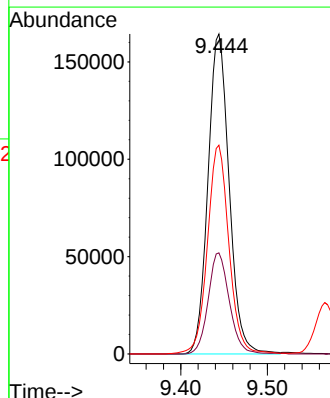
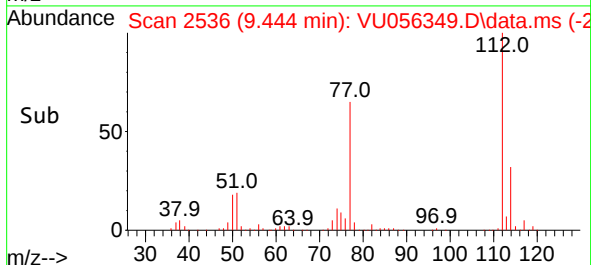
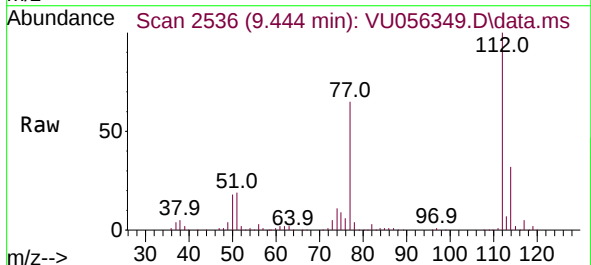


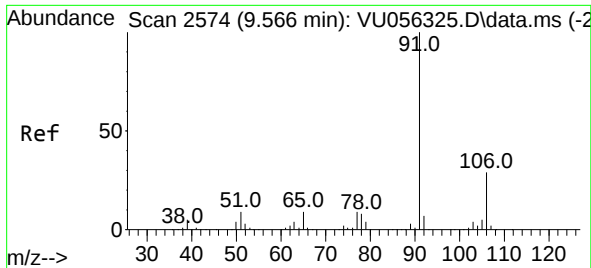
Tgt Ion:107 Resp: 69080
Ion Ratio Lower Upper
107 100
109 91.4 64.2 119.2
188 3.1 2.6 4.0



#51
Chlorobenzene
Concen: 4.822 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU056349.D
Acq: 15 Nov 2023 11:36

Tgt Ion:112 Resp: 278749
Ion Ratio Lower Upper
112 100
114 31.6 22.5 41.7
77 65.2 51.7 77.5

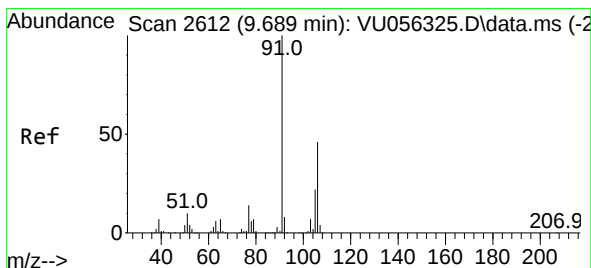
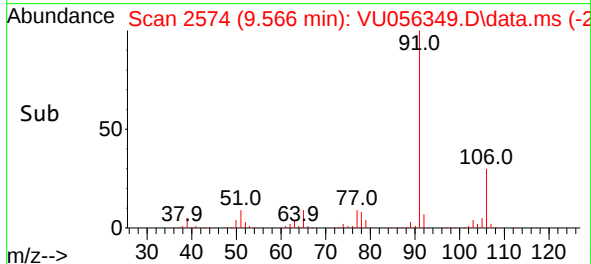
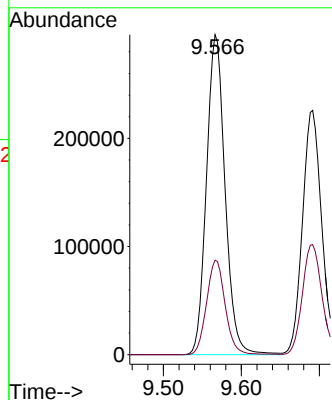
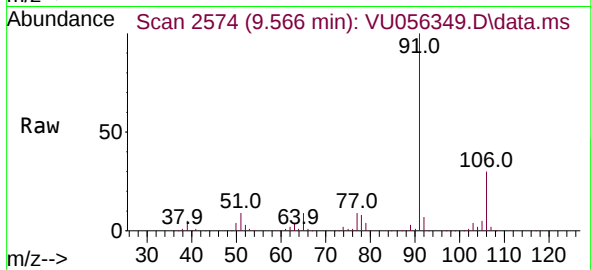




#52
Ethylbenzene
Concen: 4.921 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056349.D
Acq: 15 Nov 2023 11:36

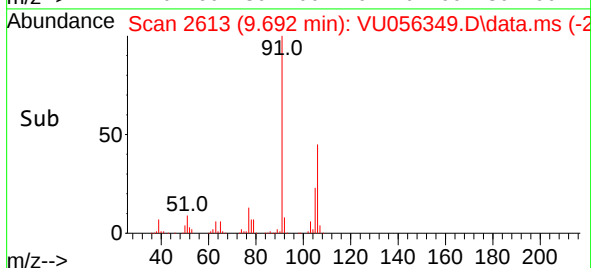
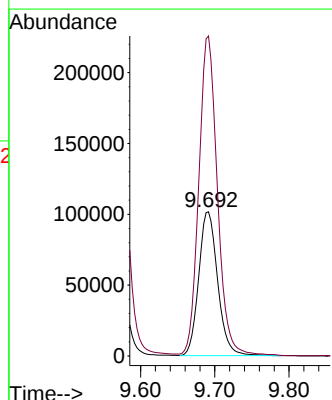
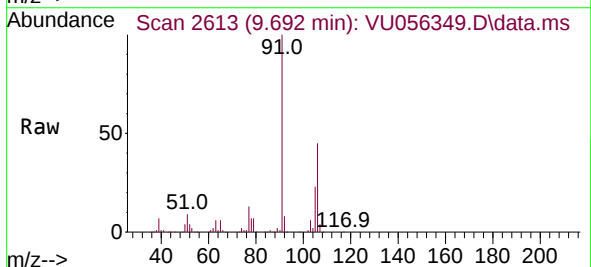
Instrument :
MSVOA_U
ClientSampleId :

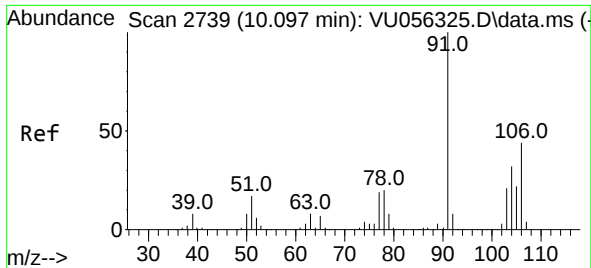
Tgt Ion: 91 Resp: 491596
Ion Ratio Lower Upper
91 100
106 29.6 21.1 39.1



#53
m,p-Xylene
Concen: 4.910 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU056349.D
Acq: 15 Nov 2023 11:36

Tgt Ion: 106 Resp: 180302
Ion Ratio Lower Upper
106 100
91 222.1 149.6 277.8

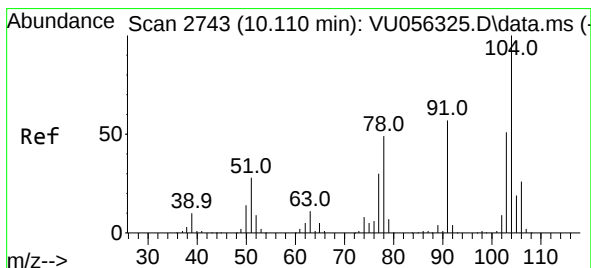
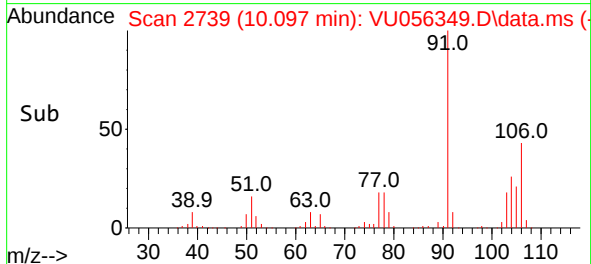
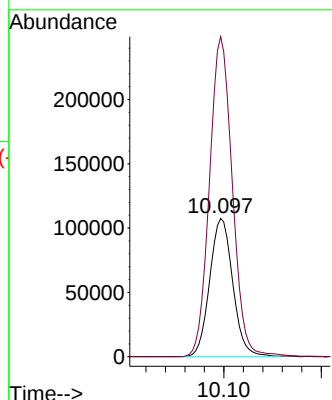
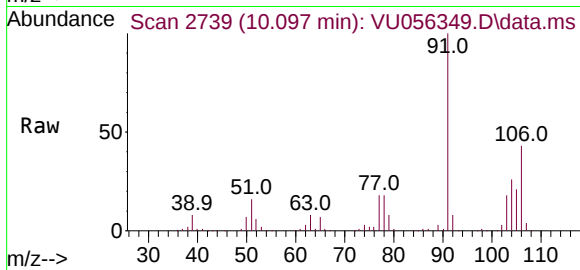




#54
o-Xylene
Concen: 4.968 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056349.D
Acq: 15 Nov 2023 11:36

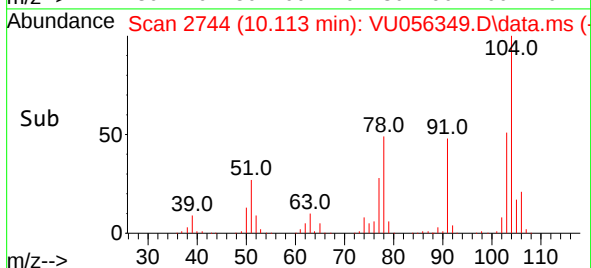
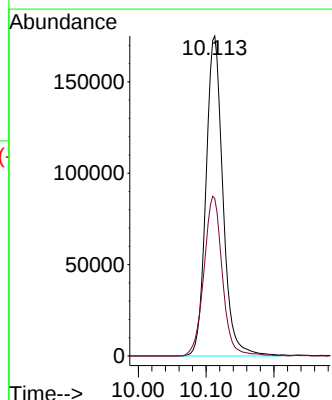
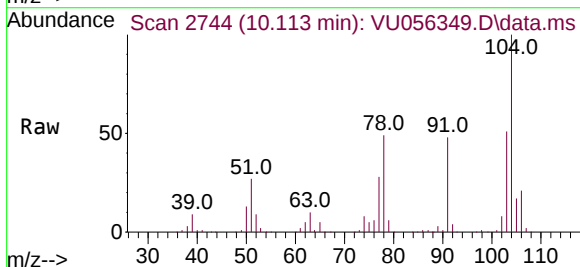
Instrument :
MSVOA_U
ClientSampleId :

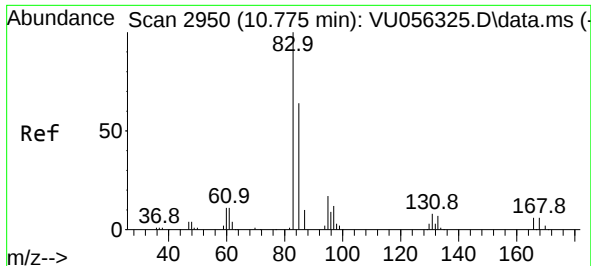
Tgt Ion:106 Resp: 177217
Ion Ratio Lower Upper
106 100
91 231.4 159.3 295.9



#55
Styrene
Concen: 5.126 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.003 min
Lab File: VU056349.D
Acq: 15 Nov 2023 11:36

Tgt Ion:104 Resp: 304150
Ion Ratio Lower Upper
104 100
78 49.2 34.2 63.6





#57

1,1,2,2-Tetrachloroethane

Concen: 4.958 ug/L

RT: 10.778 min Scan# 2950

Delta R.T. 0.003 min

Lab File: VU056349.D

Acq: 15 Nov 2023 11:36

Instrument :

MSVOA_U

ClientSampleId :

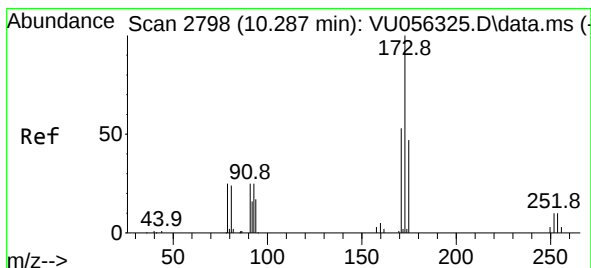
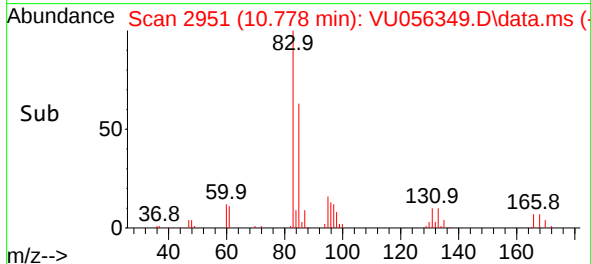
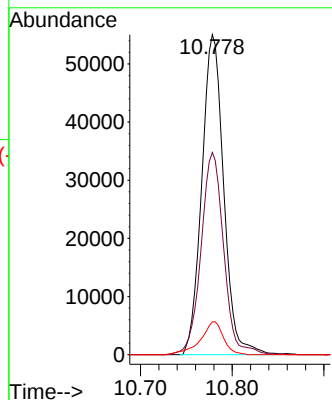
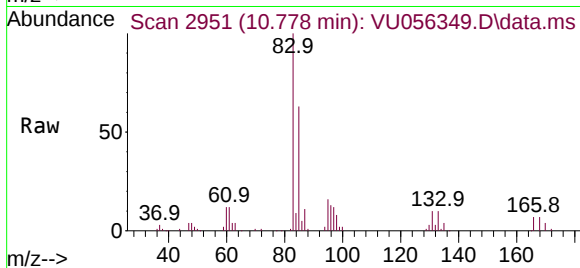
Tgt Ion: 83 Resp: 91367

Ion Ratio Lower Upper

83 100

85 63.2 46.3 86.1

131 10.3 6.7 10.1#



#59

Bromoform

Concen: 5.437 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. -0.000 min

Lab File: VU056349.D

Acq: 15 Nov 2023 11:36

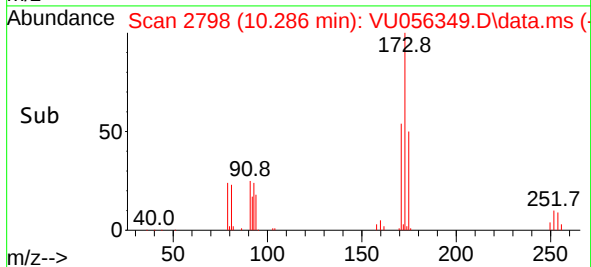
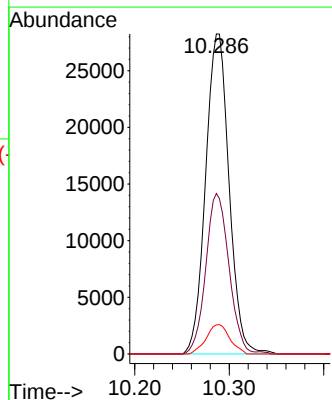
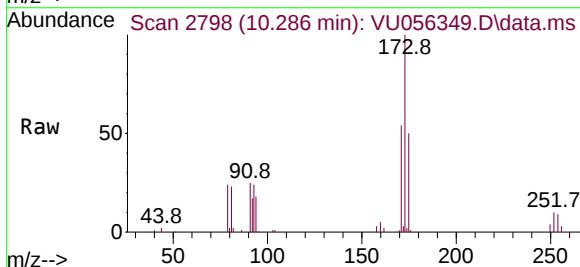
Tgt Ion:173 Resp: 48687

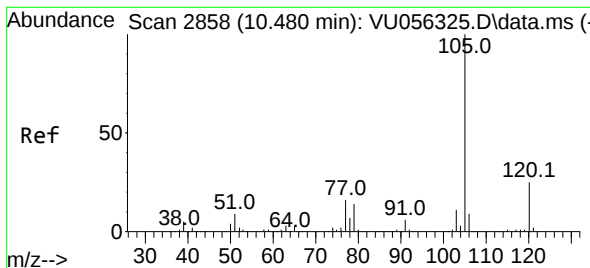
Ion Ratio Lower Upper

173 100

175 49.4 38.9 58.3

254 9.2 6.7 10.1





#60

Isopropylbenzene

Concen: 5.014 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. -0.000 min

Lab File: VU056349.D

Acq: 15 Nov 2023 11:36

Instrument :

MSVOA_U

ClientSampleId :

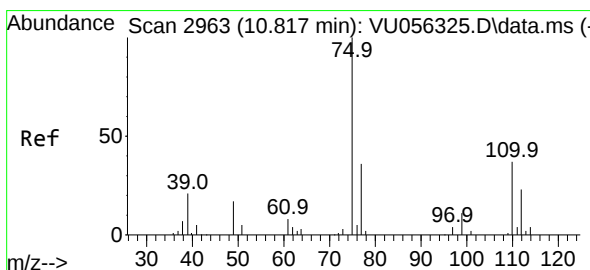
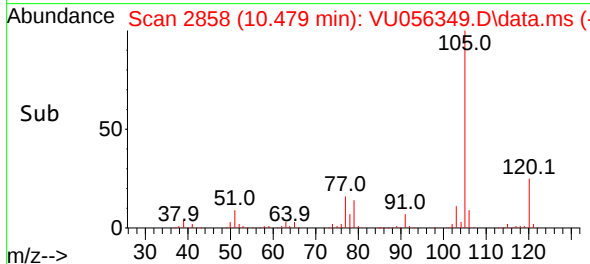
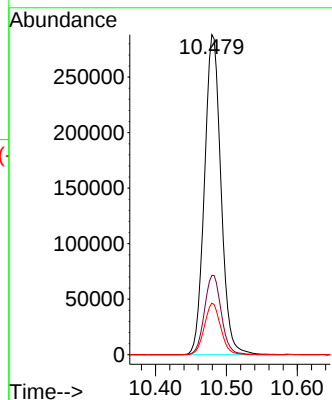
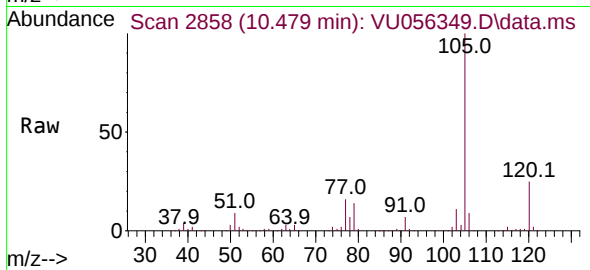
Tgt Ion:105 Resp: 464851

Ion Ratio Lower Upper

105 100

120 25.4 20.4 30.6

77 16.0 13.3 19.9



#61

1,2,3-Trichloropropane

Concen: 5.017 ug/L

RT: 10.820 min Scan# 2964

Delta R.T. 0.003 min

Lab File: VU056349.D

Acq: 15 Nov 2023 11:36

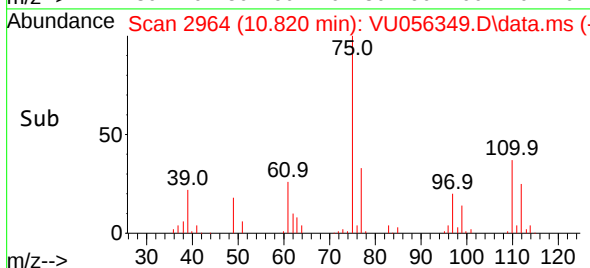
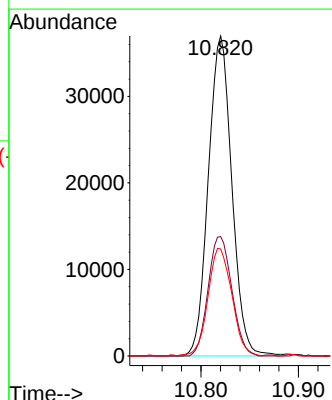
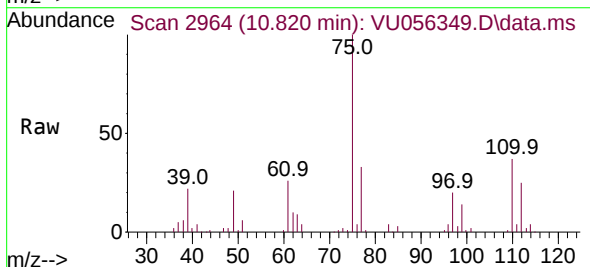
Tgt Ion: 75 Resp: 61879

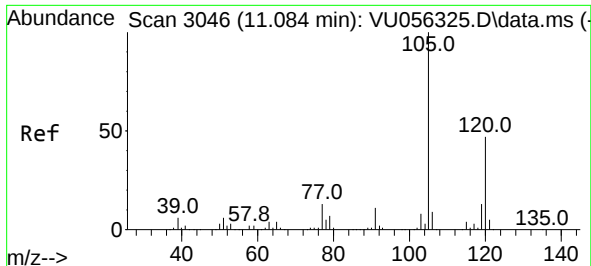
Ion Ratio Lower Upper

75 100

110 37.6 30.4 45.6

77 34.3 27.0 40.6





#62

1,3,5-Trimethylbenzene

Concen: 4.953 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU056349.D

Acq: 15 Nov 2023 11:36

Instrument :

MSVOA_U

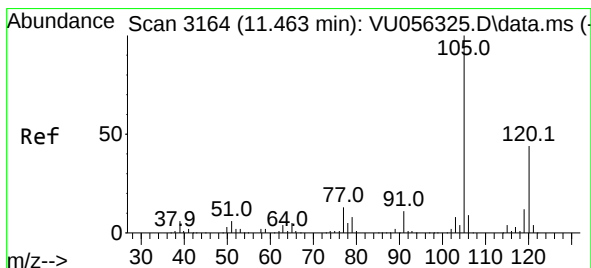
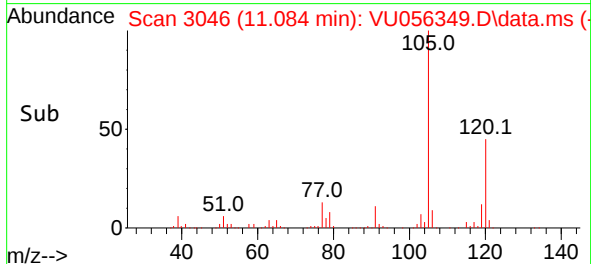
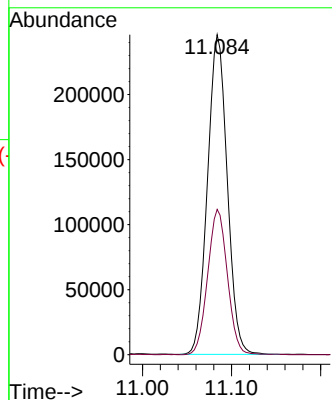
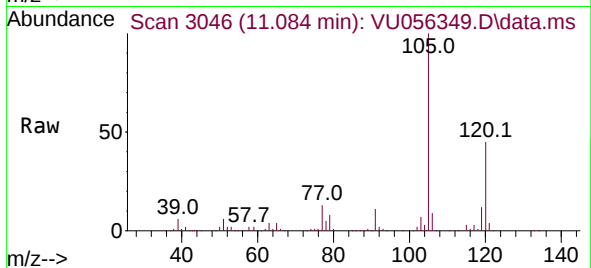
ClientSampleId :

Tgt Ion:105 Resp: 377030

Ion Ratio Lower Upper

105 100

120 45.5 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 4.987 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU056349.D

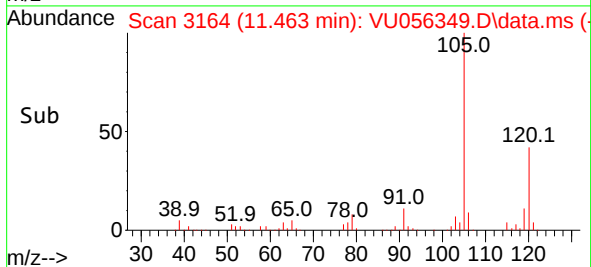
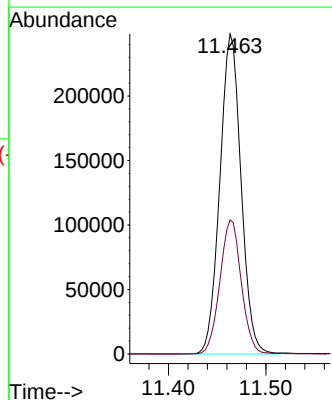
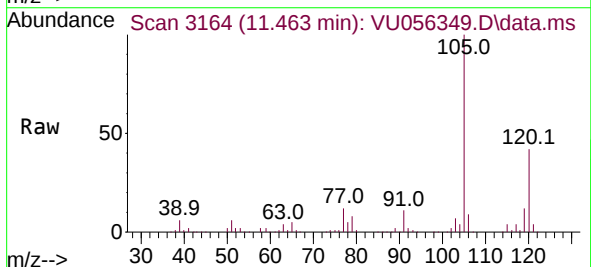
Acq: 15 Nov 2023 11:36

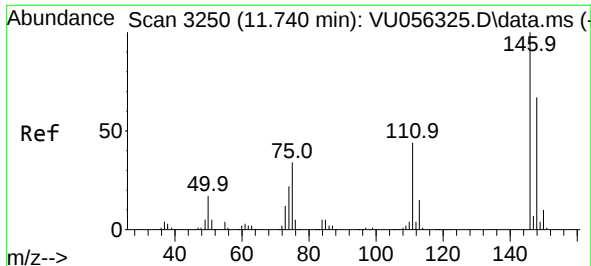
Tgt Ion:105 Resp: 374670

Ion Ratio Lower Upper

105 100

120 42.2 34.0 51.0

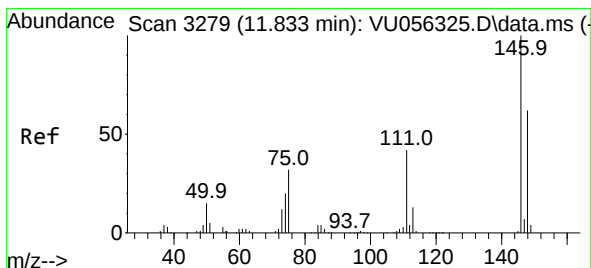
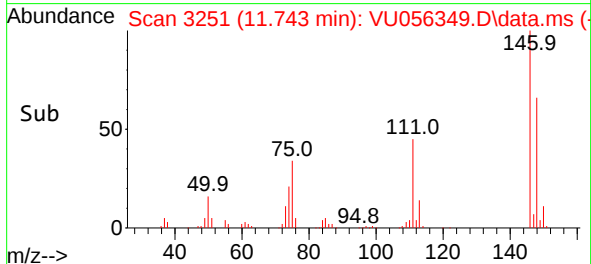
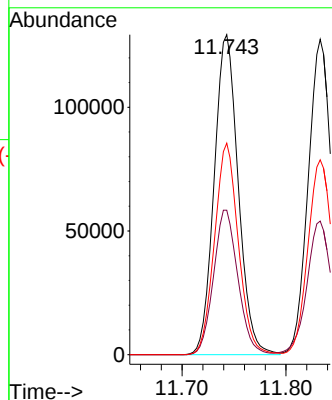
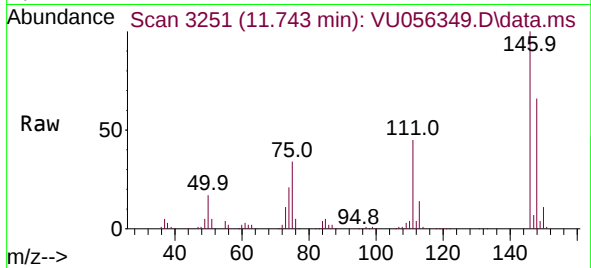




#64
1,3-Dichlorobenzene
Concen: 4.936 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU056349.D
Acq: 15 Nov 2023 11:36

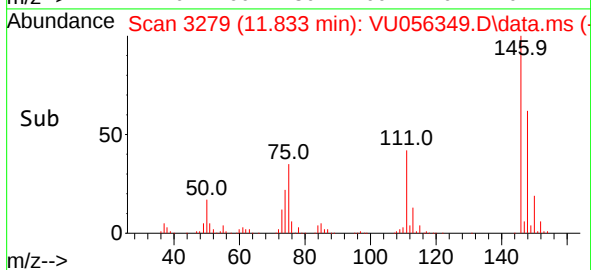
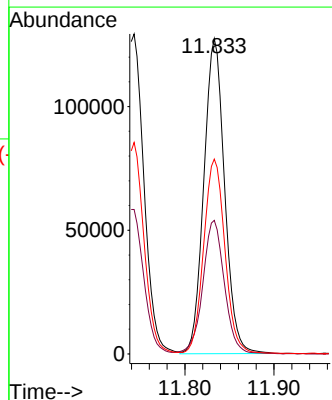
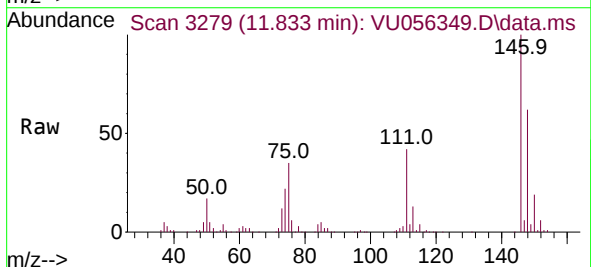
Instrument :
MSVOA_U
ClientSampleId :

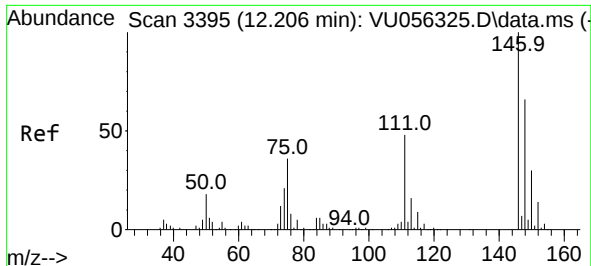
Tgt Ion:146 Resp: 208163
Ion Ratio Lower Upper
146 100
111 45.2 31.1 57.7
148 66.1 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 4.865 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU056349.D
Acq: 15 Nov 2023 11:36

Tgt Ion:146 Resp: 205775
Ion Ratio Lower Upper
146 100
111 42.4 30.5 56.7
148 61.8 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 4.968 ug/L

RT: 12.209 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU056349.D

Acq: 15 Nov 2023 11:36

Instrument :

MSVOA_U

ClientSampleId :

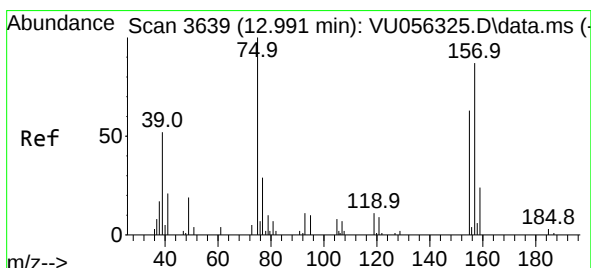
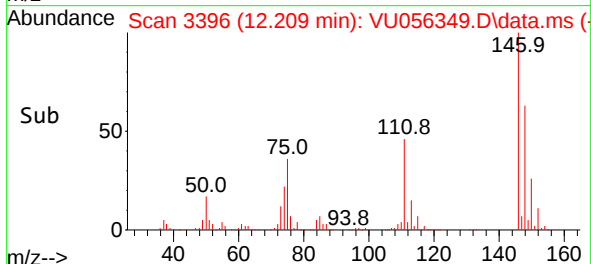
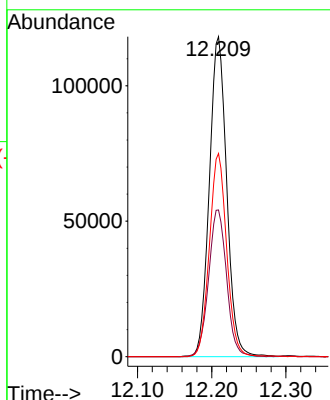
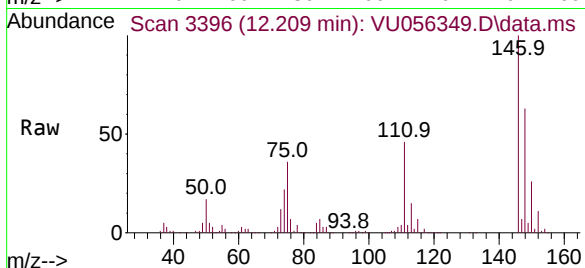
Tgt Ion:146 Resp: 192215

Ion Ratio Lower Upper

146 100

111 45.9 38.3 57.5

148 63.5 52.2 78.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.498 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.003 min

Lab File: VU056349.D

Acq: 15 Nov 2023 11:36

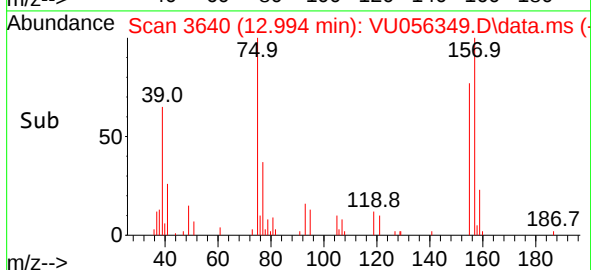
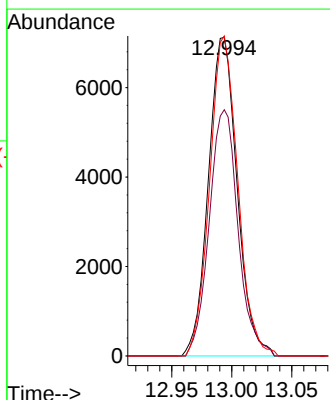
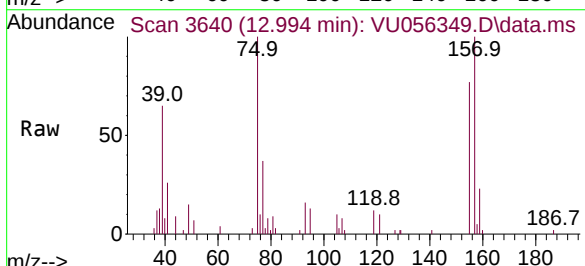
Tgt Ion: 75 Resp: 11851

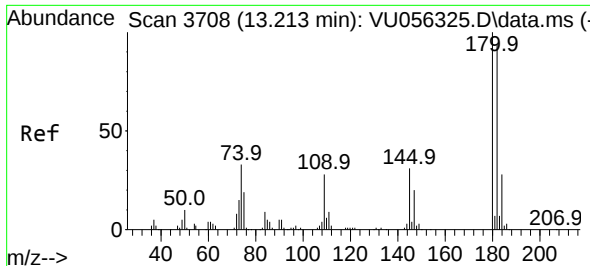
Ion Ratio Lower Upper

75 100

155 77.3 62.4 93.6

157 100.5 80.2 120.2





#69

1,3,5-Trichlorobenzene

Concen: 4.640 ug/L

RT: 13.216 min Scan# 31

Delta R.T. 0.003 min

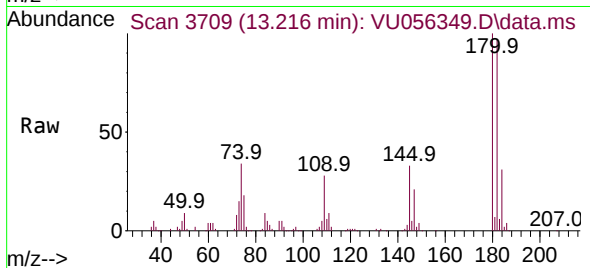
Lab File: VU056349.D

Acq: 15 Nov 2023 11:36

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 147327

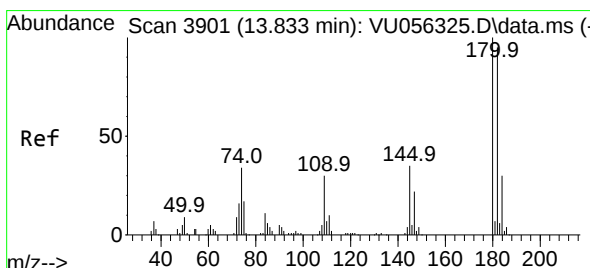
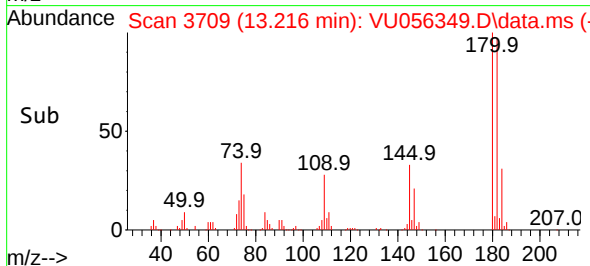
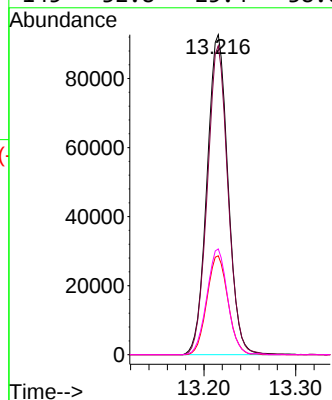
Ion Ratio Lower Upper

180 100

182 95.1 75.1 112.7

184 30.9 23.5 35.3

145 32.8 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 4.247 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.003 min

Lab File: VU056349.D

Acq: 15 Nov 2023 11:36

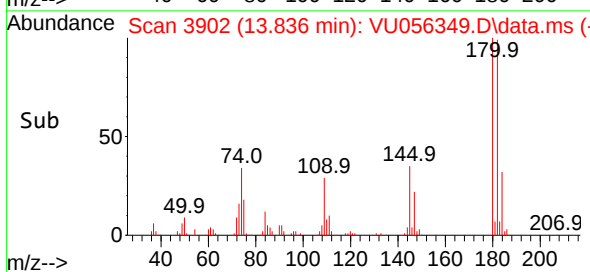
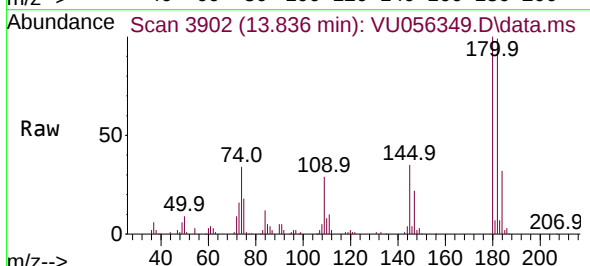
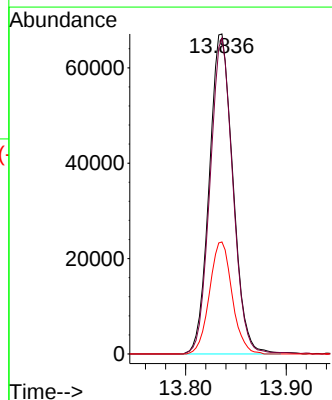
Tgt Ion:180 Resp: 109831

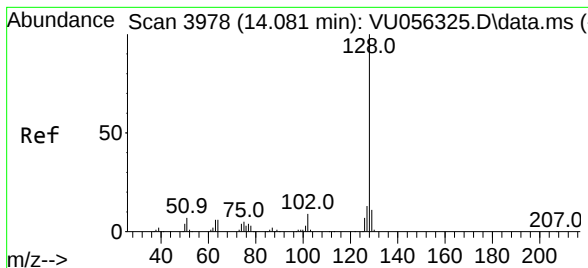
Ion Ratio Lower Upper

180 100

182 95.1 75.4 113.2

145 33.5 26.8 40.2





#71

Naphthalene

Concen: 3.936 ug/L

RT: 14.084 min Scan# 3978

Delta R.T. 0.003 min

Lab File: VU056349.D

Acq: 15 Nov 2023 11:36

Instrument :

MSVOA_U

ClientSampleId :

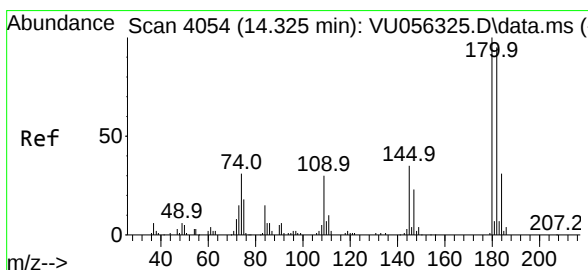
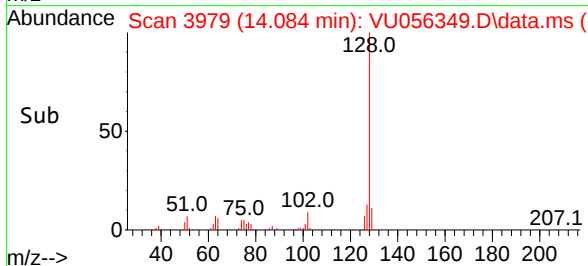
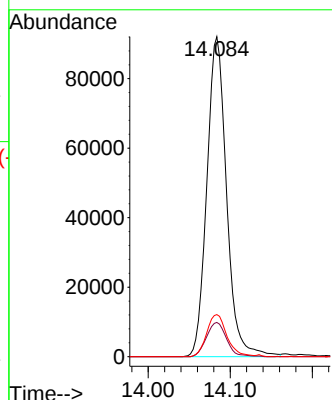
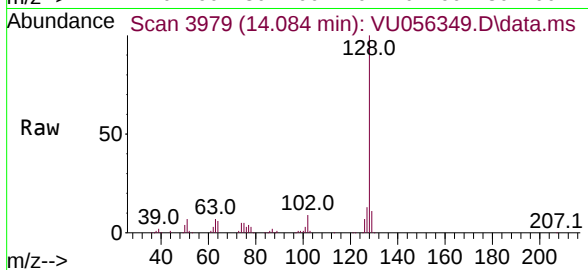
Tgt Ion:128 Resp: 153795

Ion Ratio Lower Upper

128 100

129 10.9 8.6 12.8

127 13.5 10.3 15.5



#72

1,2,3-Trichlorobenzene

Concen: 4.230 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU056349.D

Acq: 15 Nov 2023 11:36

Tgt Ion:180 Resp: 90114

Ion Ratio Lower Upper

180 100

182 95.8 78.6 117.8

145 36.3 29.0 43.6

