

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011023\
 Data File : VU052642.D
 Acq On : 10 Jan 2023 14:12
 Operator : JC/MD
 Sample : VSTD00102
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 11 00:41:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 11 00:40:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	152142	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	152851	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	75874	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	12953	0.850	ug/L	0.00
7) Chloroethane-d5	1.916	69	10909	0.837	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	65	5975	0.907	ug/L	0.00
20) 2-Butanone-d5	4.652	46	31859	6.830	ug/L	0.01
24) Chloroform-d	5.063	84	24827	0.943	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	12413	0.826	ug/L	0.00
32) Benzene-d6	5.726	84	45821	0.864	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	15933	0.881	ug/L	0.00
41) Toluene-d8	7.896	98	38432	0.858	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	5469	0.869	ug/L	0.00
46) 2-Hexanone-d5	8.632	63	19661	5.974	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.755	84	11825	0.782	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.189	152	13349	0.867	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	16175	1.148	ug/L	100
3) Chloromethane	1.520	50	20931	1.061	ug/L	96
5) Vinyl chloride	1.604	62	19105	1.071	ug/L	100
6) Bromomethane	1.861	94	9589	0.946	ug/L	93
8) Chloroethane	1.938	64	11506	0.948	ug/L	98
9) Trichlorofluoromethane	2.141	101	22161	1.074	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	12973	1.067	ug/L	98
12) 1,1-Dichloroethene	2.581	96	13318	1.139	ug/L	94
13) Acetone	2.671	43	26801	7.949	ug/L	62
14) Carbon disulfide	2.793	76	45884	1.193	ug/L	98
15) Methyl Acetate	2.964	43	5788	0.759	ug/L	93
16) Methylene chloride	3.047	84	17343	1.035	ug/L	94
17) Methyl tert-butyl Ether	3.362	73	26280	0.860	ug/L	96
18) trans-1,2-Dichloroethene	3.353	96	13146	1.088	ug/L	97
19) 1,1-Dichloroethane	3.871	63	27455	1.056	ug/L	97
21) 2-Butanone	4.726	43	37501	7.439	ug/L #	67
22) cis-1,2-Dichloroethene	4.668	96	13858	1.049	ug/L	91
23) Bromochloromethane	4.977	128	6023	1.002	ug/L	78
25) Chloroform	5.086	83	28011	1.106	ug/L	94
27) 1,2-Dichloroethane	5.797	62	16639	0.975	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	24036	1.204	ug/L	98
30) Cyclohexane	5.388	56	20095	0.931	ug/L	97
31) Carbon tetrachloride	5.523	117	17934	1.033	ug/L	99
33) Benzene	5.771	78	55377	0.979	ug/L	100
34) Trichloroethene	6.542	95	13142	0.996	ug/L	93
35) Methylcyclohexane	6.761	83	19968	0.985	ug/L	97
37) 1,2-Dichloropropane	6.787	63	15437	0.989	ug/L	98
38) Bromodichloromethane	7.105	83	18198	0.962	ug/L	98
39) cis-1,3-Dichloropropene	7.604	75	17525	0.885	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	76049	6.965	ug/L	99
42) Toluene	7.967	91	53963	0.989	ug/L	97
44) trans-1,3-Dichloropropene	8.208	75	15662	0.897	ug/L	92

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 MSVOA_U
 ClientSampleId :

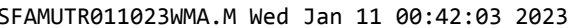
Quant Time: Jan 11 00:41:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 11 00:40:42 2023
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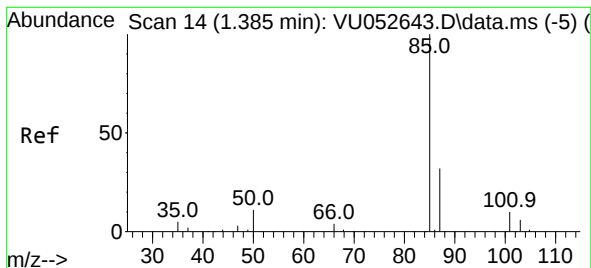
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.398	97	9608	0.891	ug/L	97
47) Tetrachloroethene	8.552	164	10072	1.084	ug/L	98
48) 2-Hexanone	8.684	43	57093	6.977	ug/L	95
49) Dibromochloromethane	8.806	129	11163	0.954	ug/L	91
50) 1,2-Dibromoethane	8.919	107	8858	0.898	ug/L #	94
51) Chlorobenzene	9.443	112	34899	1.012	ug/L	98
52) Ethylbenzene	9.568	91	52746	0.937	ug/L	99
53) m,p-Xylene	9.690	106	19085	0.911	ug/L	95
54) o-Xylene	10.095	106	18044	0.899	ug/L	92
55) Styrene	10.111	104	29074	0.835	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.777	83	12245	0.822	ug/L #	95
59) Bromoform	10.288	173	5719	0.865	ug/L	93
60) Isopropylbenzene	10.481	105	46916	0.938	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	9053	0.856	ug/L	96
62) 1,3,5-Trimethylbenzene	11.082	105	34297	0.833	ug/L	93
63) 1,2,4-Trimethylbenzene	11.465	105	34238	0.830	ug/L	97
64) 1,3-Dichlorobenzene	11.742	146	24444	0.992	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	25668	1.010	ug/L	97
67) 1,2-Dichlorobenzene	12.208	146	23327	0.964	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.992	75	1904	0.789	ug/L #	85
69) 1,3,5-Trichlorobenzene	13.214	180	18566	1.030	ug/L	98
70) 1,2,4-trichlorobenzene	13.835	180	13670	0.908	ug/L	98
71) Naphthalene	14.086	128	22207	0.744	ug/L	98
72) 1,2,3-Trichlorobenzene	14.327	180	13059	0.880	ug/L	99

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

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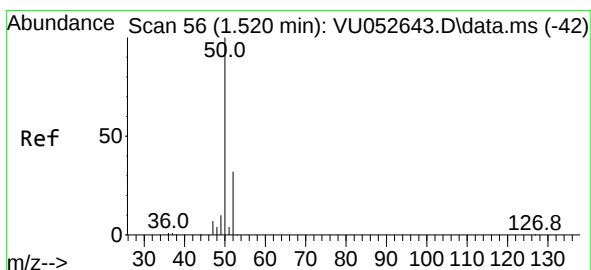
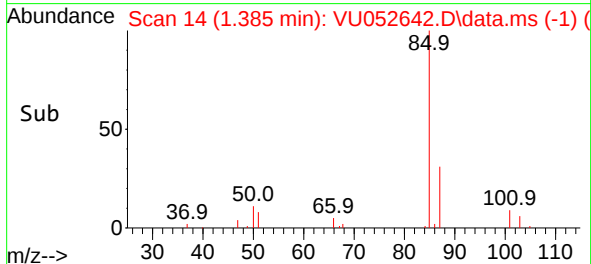
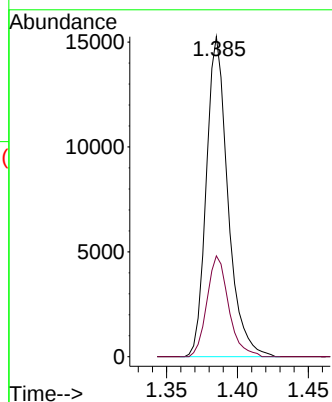
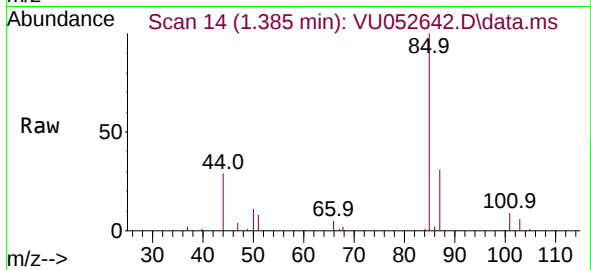




#2
Dichlorodifluoromethane
Concen: 1.148 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU052642.D
Acq: 10 Jan 2023 14:12

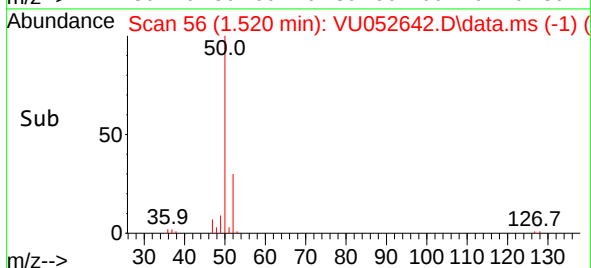
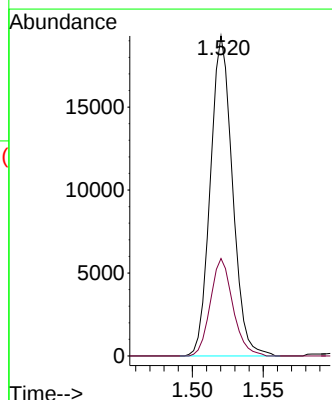
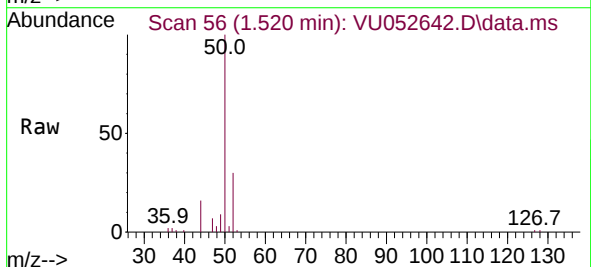
Instrument :
MSVOA_U
ClientSampleId :

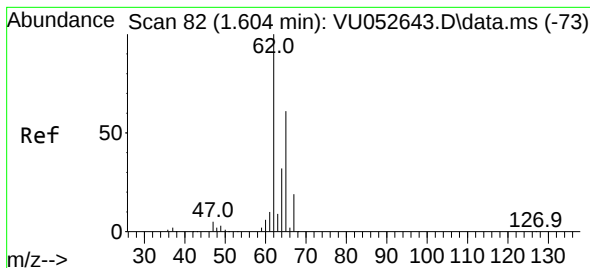
Tgt Ion: 85 Resp: 16175
Ion Ratio Lower Upper
85 100
87 31.6 25.5 38.3



#3
Chloromethane
Concen: 1.061 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU052642.D
Acq: 10 Jan 2023 14:12

Tgt Ion: 50 Resp: 20931
Ion Ratio Lower Upper
50 100
52 30.5 22.7 42.3





#5

Vinyl chloride

Concen: 1.071 ug/L

RT: 1.604 min Scan# 81

Delta R.T. -0.000 min

Lab File: VU052642.D

Acq: 10 Jan 2023 14:12

Instrument :

MSVOA_U

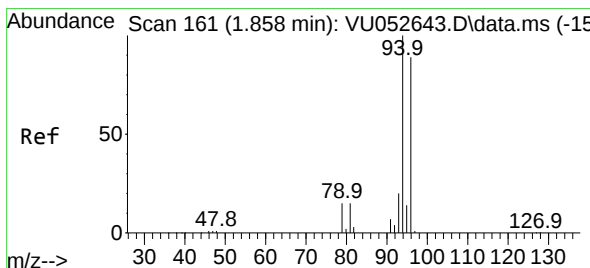
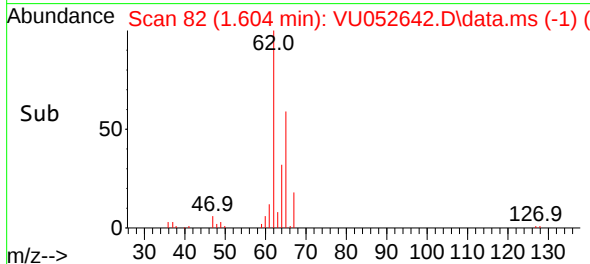
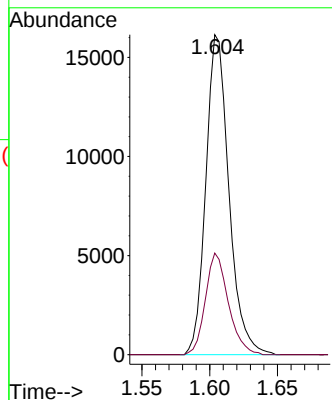
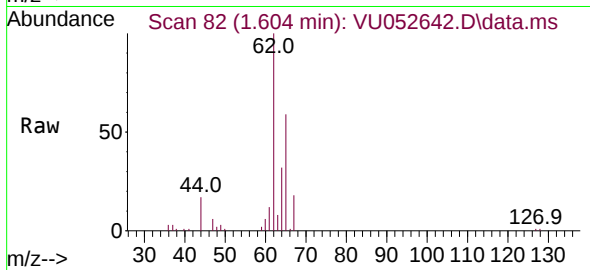
ClientSampleId :

Tgt Ion: 62 Resp: 19105

Ion Ratio Lower Upper

62 100

64 31.7 22.3 41.3



#6

Bromomethane

Concen: 0.946 ug/L

RT: 1.861 min Scan# 162

Delta R.T. 0.003 min

Lab File: VU052642.D

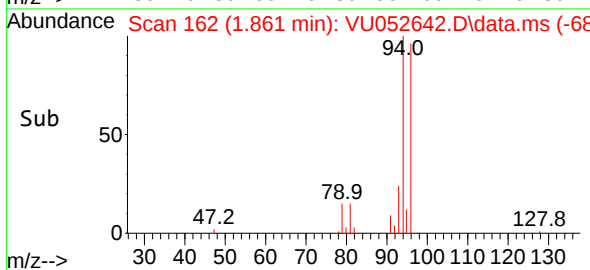
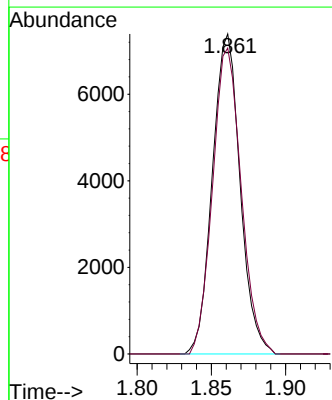
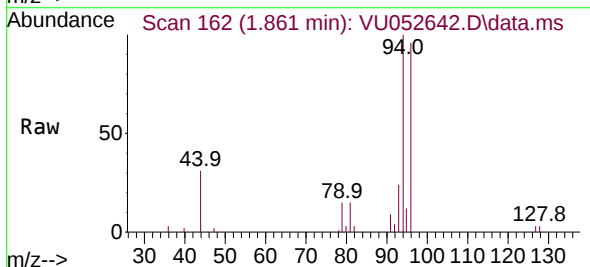
Acq: 10 Jan 2023 14:12

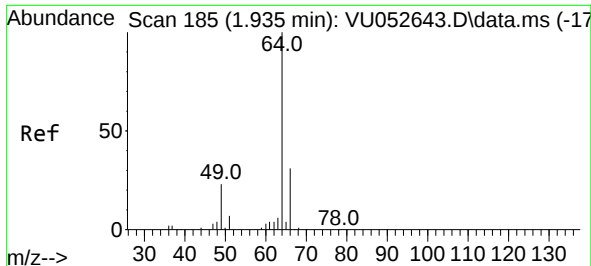
Tgt Ion: 94 Resp: 9589

Ion Ratio Lower Upper

94 100

96 95.6 62.2 115.6





#8

Chloroethane

Concen: 0.948 ug/L

RT: 1.938 min Scan# 186

Delta R.T. 0.003 min

Lab File: VU052642.D

Acq: 10 Jan 2023 14:12

Instrument :

MSVOA_U

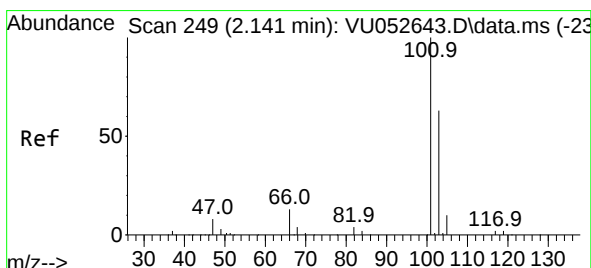
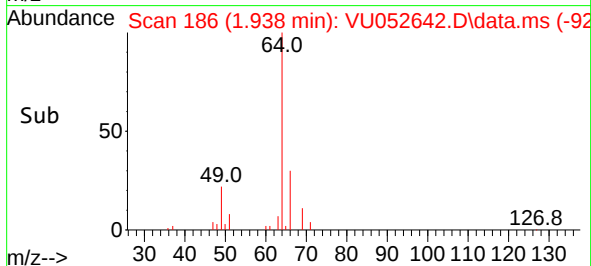
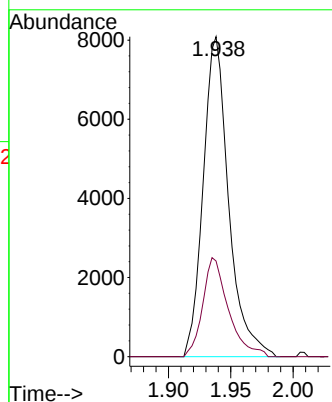
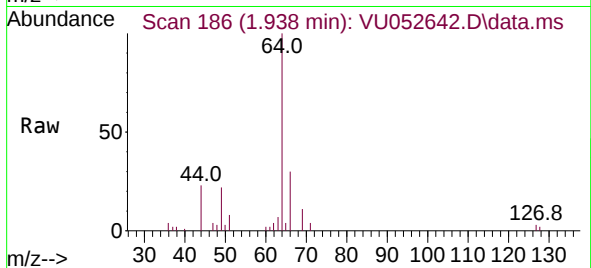
ClientSampleId :

Tgt Ion: 64 Resp: 11506

Ion Ratio Lower Upper

64 100

66 29.9 21.6 40.2



#9

Trichlorofluoromethane

Concen: 1.074 ug/L

RT: 2.141 min Scan# 249

Delta R.T. 0.000 min

Lab File: VU052642.D

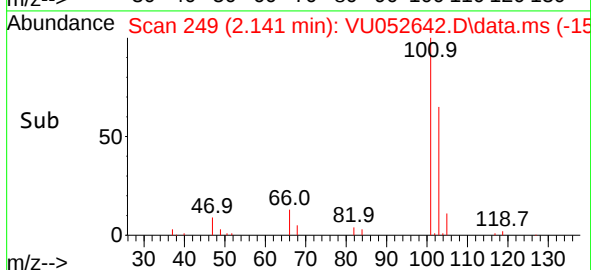
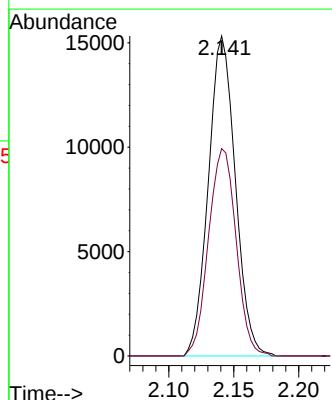
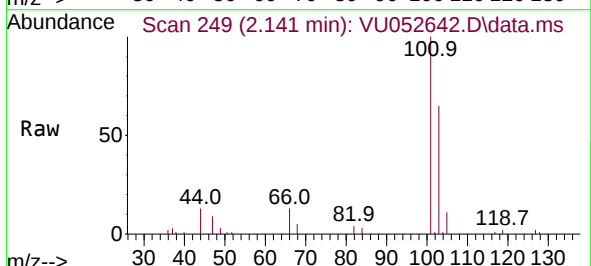
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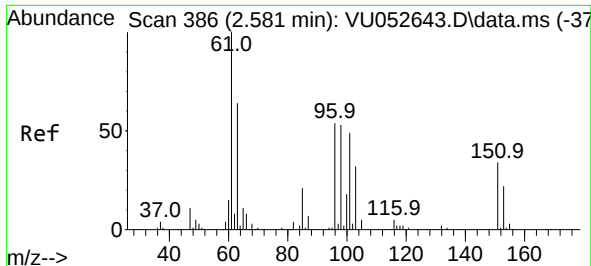
Tgt Ion:101 Resp: 22161

Ion Ratio Lower Upper

101 100

103 66.0 51.0 76.6

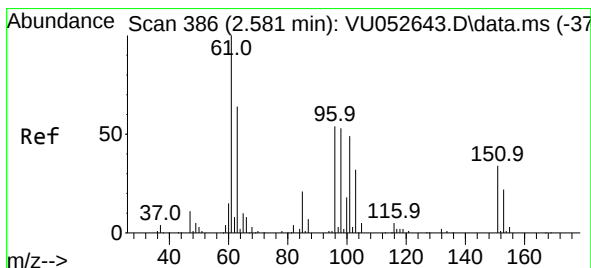
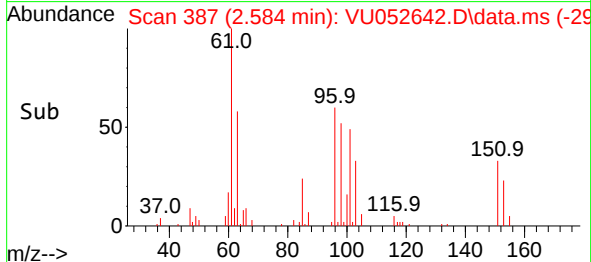
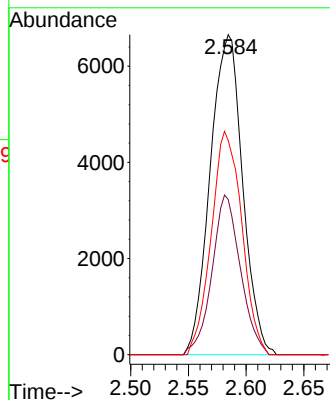
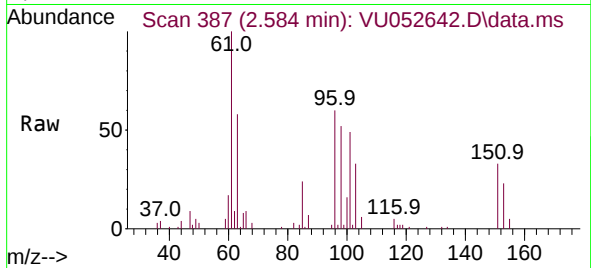




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.067 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.003 min
 Lab File: VU052642.D
 Acq: 10 Jan 2023 14:12

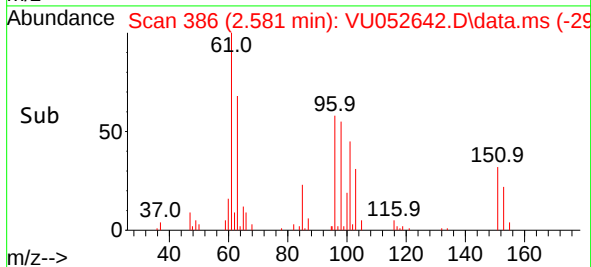
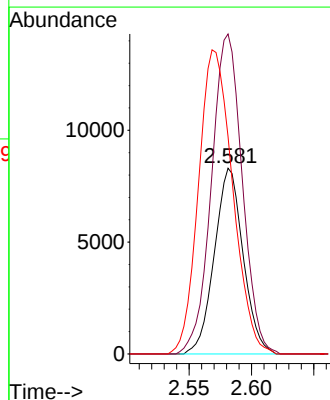
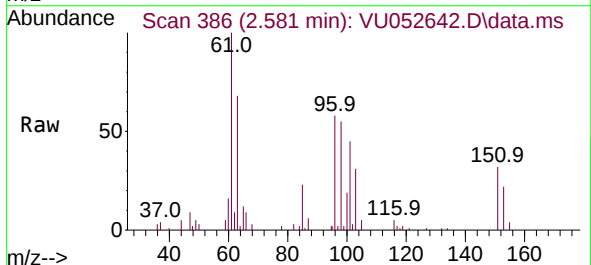
Instrument :
 MSVOA_U
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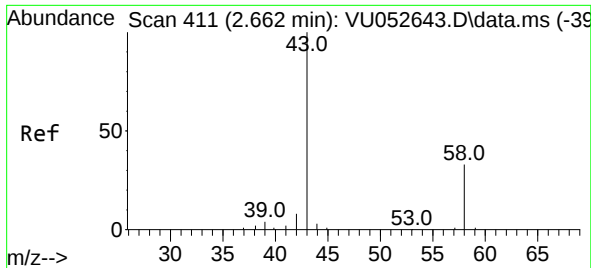
Tgt Ion:101 Resp: 12973
 Ion Ratio Lower Upper
 101 100
 85 43.9 35.0 52.6
 151 66.0 55.0 82.6



#12
 1,1-Dichloroethene
 Concen: 1.139 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.000 min
 Lab File: VU052642.D
 Acq: 10 Jan 2023 14:12

Tgt Ion: 96 Resp: 13318
 Ion Ratio Lower Upper
 96 100
 61 172.2 129.6 240.8
 63 117.1 83.7 155.5





#13

Acetone

Concen: 7.949 ug/L

RT: 2.671 min Scan# 411

Delta R.T. 0.010 min

Lab File: VU052642.D

Acq: 10 Jan 2023 14:12

Instrument :

MSVOA_U

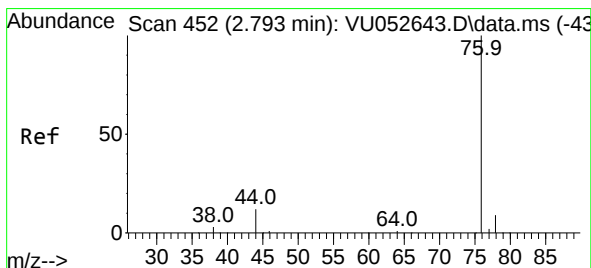
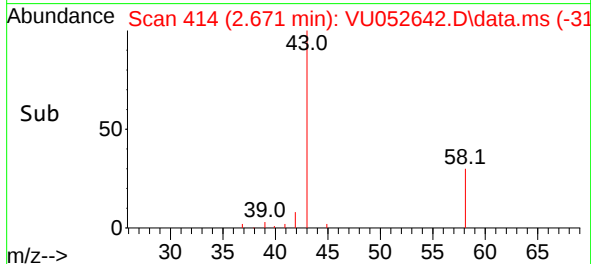
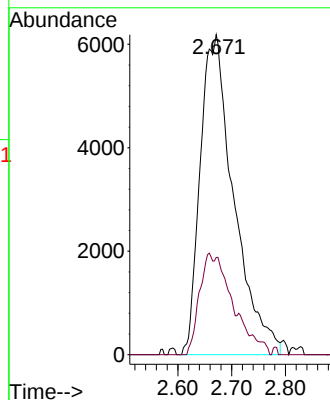
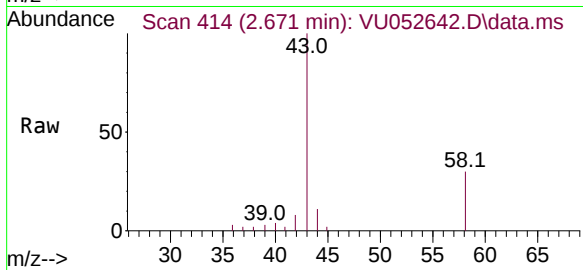
ClientSampleId :

Tgt Ion: 43 Resp: 26801

Ion Ratio Lower Upper

43 100

58 12.7 0.0 68.8



#14

Carbon disulfide

Concen: 1.193 ug/L

RT: 2.793 min Scan# 452

Delta R.T. -0.000 min

Lab File: VU052642.D

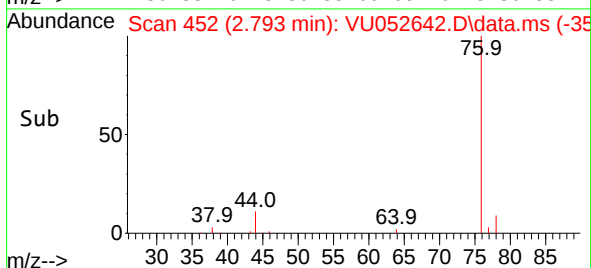
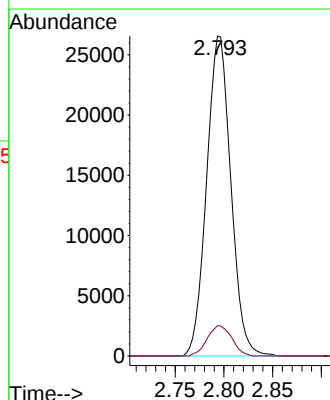
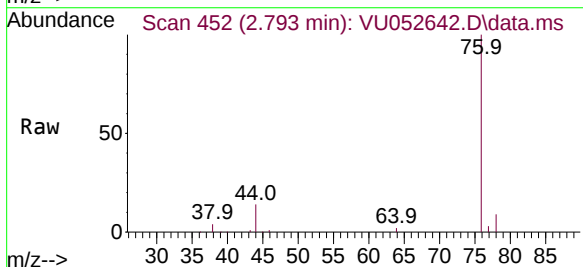
Acq: 10 Jan 2023 14:12

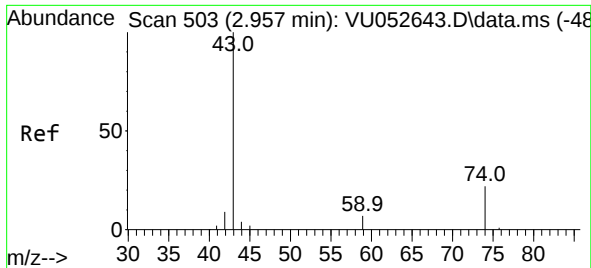
Tgt Ion: 76 Resp: 45884

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.6

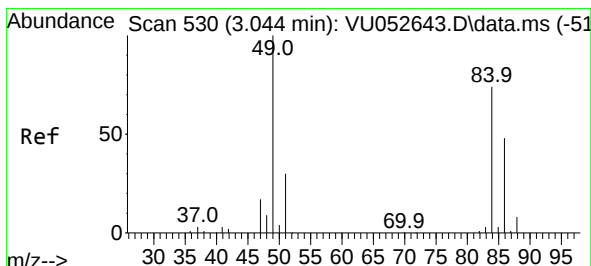
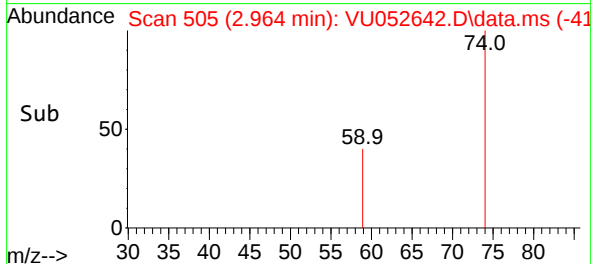
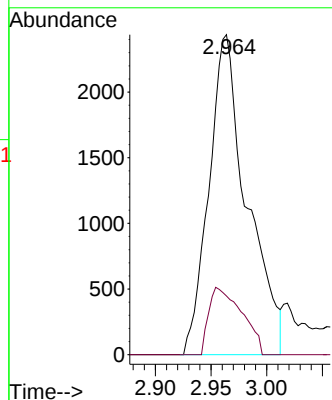
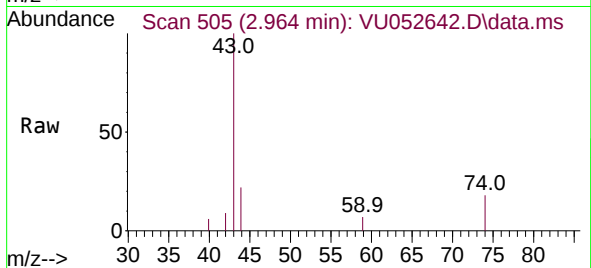




#15
Methyl Acetate
Concen: 0.759 ug/L
RT: 2.964 min Scan# 503
Delta R.T. 0.006 min
Lab File: VU052642.D
Acq: 10 Jan 2023 14:12

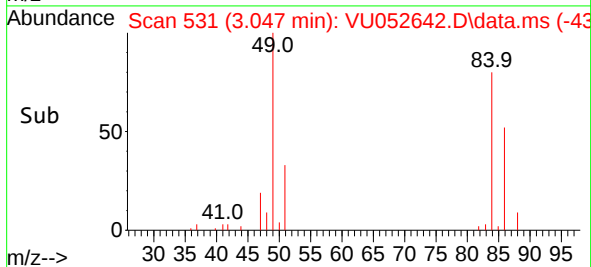
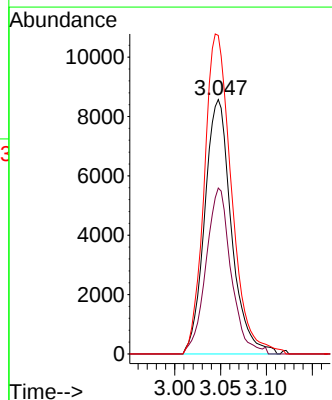
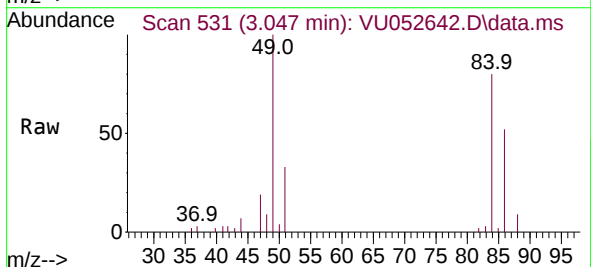
Instrument :
MSVOA_U
ClientSampleId :

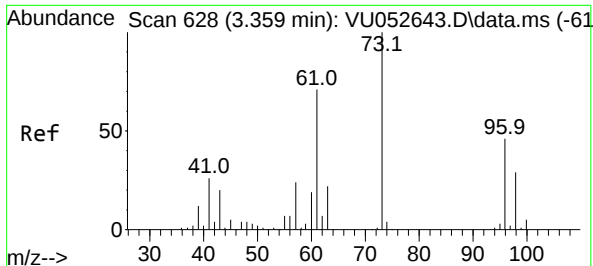
Tgt Ion: 43 Resp: 5788
Ion Ratio Lower Upper
43 100
74 18.3 17.5 26.3



#16
Methylene chloride
Concen: 1.035 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.003 min
Lab File: VU052642.D
Acq: 10 Jan 2023 14:12

Tgt Ion: 84 Resp: 17343
Ion Ratio Lower Upper
84 100
86 65.2 45.6 84.6
49 125.2 94.8 176.0





#17

Methyl tert-butyl Ether

Concen: 0.860 ug/L

RT: 3.362 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU052642.D

Acq: 10 Jan 2023 14:12

Instrument :

MSVOA_U

ClientSampleId :

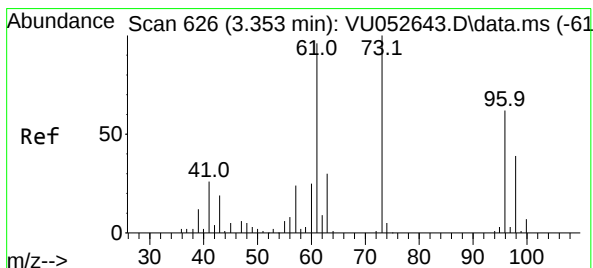
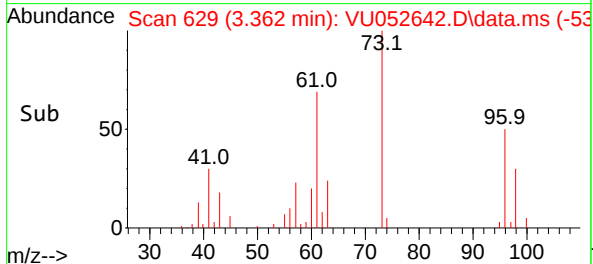
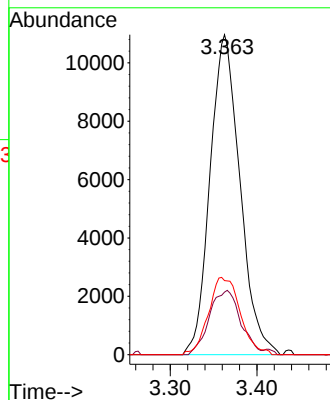
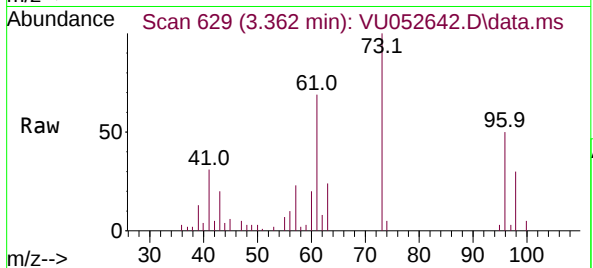
Tgt Ion: 73 Resp: 26280

Ion Ratio Lower Upper

73 100

43 21.0 15.8 23.8

57 25.6 18.6 28.0



#18

trans-1,2-Dichloroethene

Concen: 1.088 ug/L

RT: 3.353 min Scan# 626

Delta R.T. -0.000 min

Lab File: VU052642.D

Acq: 10 Jan 2023 14:12

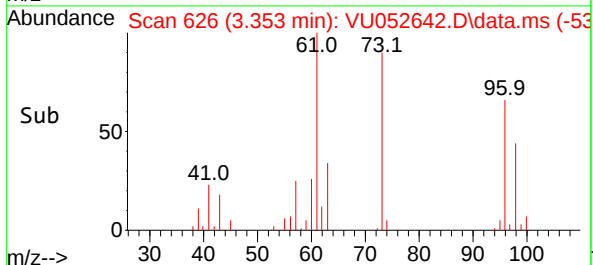
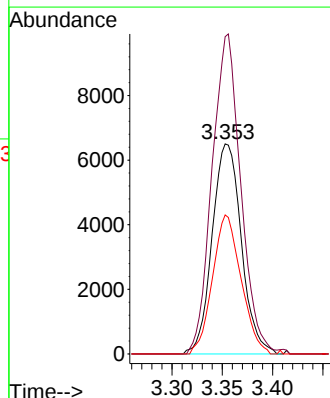
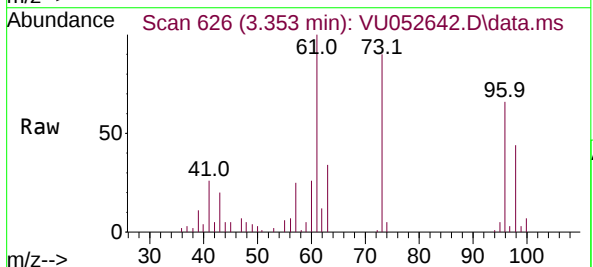
Tgt Ion: 96 Resp: 13146

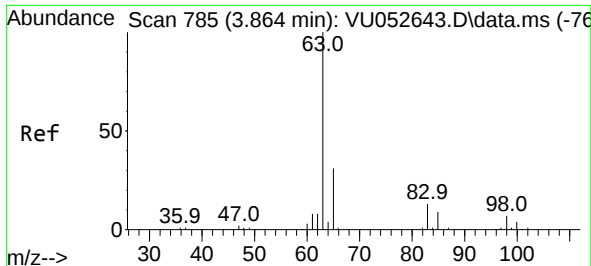
Ion Ratio Lower Upper

96 100

61 151.0 108.4 201.4

98 66.2 43.8 81.4





#19

1,1-Dichloroethane

Concen: 1.056 ug/L

RT: 3.871 min Scan# 71

Delta R.T. 0.006 min

Lab File: VU052642.D

Acq: 10 Jan 2023 14:12

Instrument :

MSVOA_U

ClientSampleId :

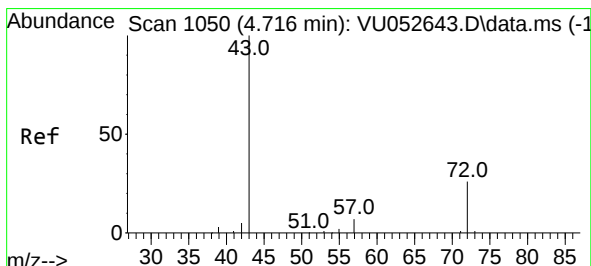
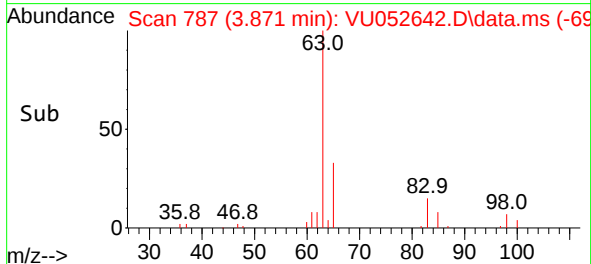
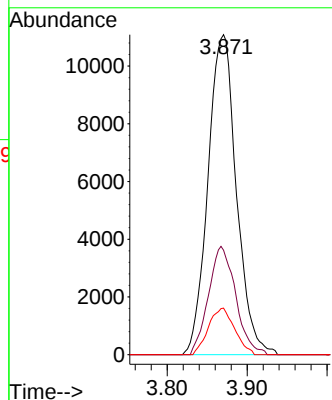
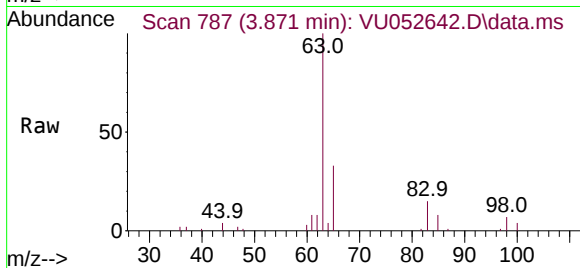
Tgt Ion: 63 Resp: 27455

Ion Ratio Lower Upper

63 100

65 32.7 22.0 41.0

83 14.5 8.9 16.5



#21

2-Butanone

Concen: 7.439 ug/L

RT: 4.726 min Scan# 1053

Delta R.T. 0.010 min

Lab File: VU052642.D

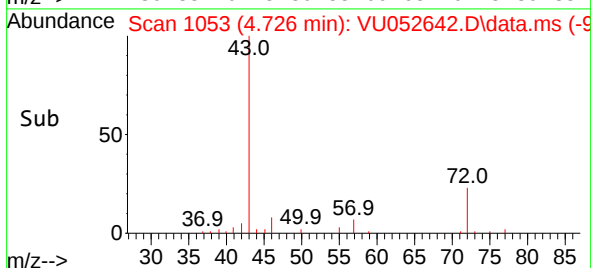
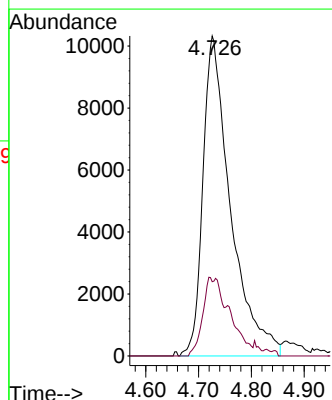
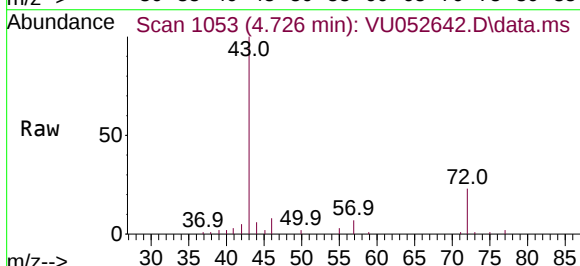
Acq: 10 Jan 2023 14:12

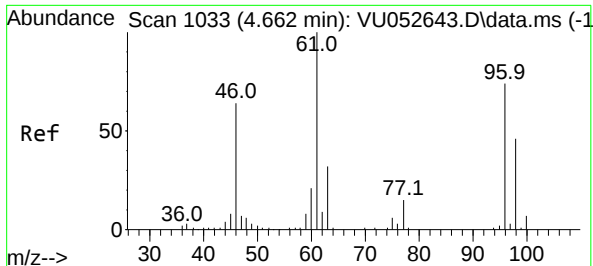
Tgt Ion: 43 Resp: 37501

Ion Ratio Lower Upper

43 100

72 8.8 12.9 38.6#



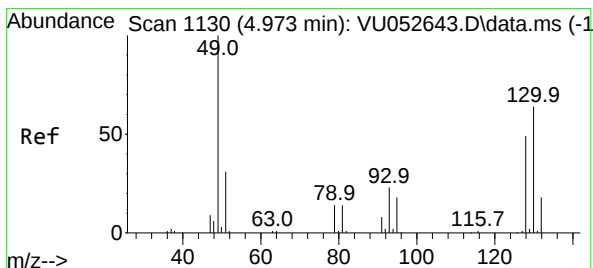
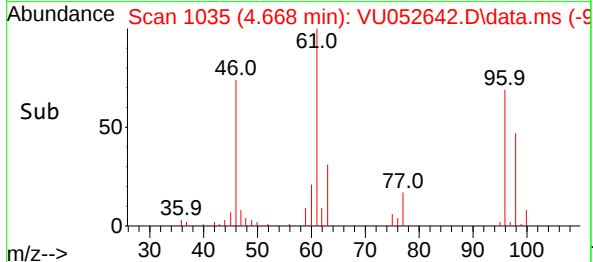
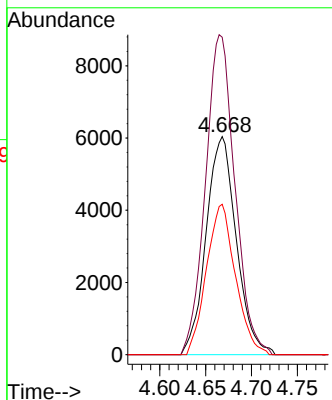
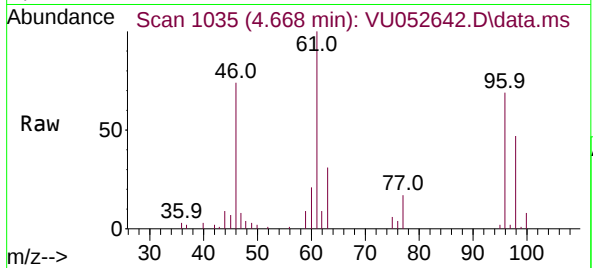


#22
 cis-1,2-Dichloroethene
 Concen: 1.049 ug/L
 RT: 4.668 min Scan# 11035
 Delta R.T. 0.006 min
 Lab File: VU052642.D
 Acq: 10 Jan 2023 14:12

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 96 Resp: 13858

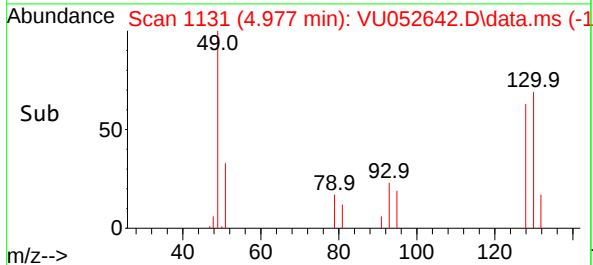
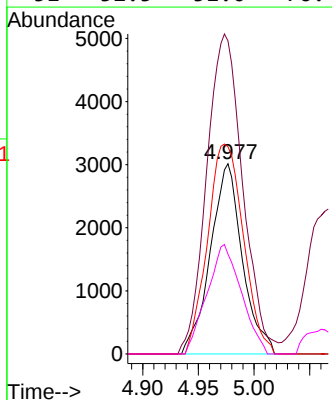
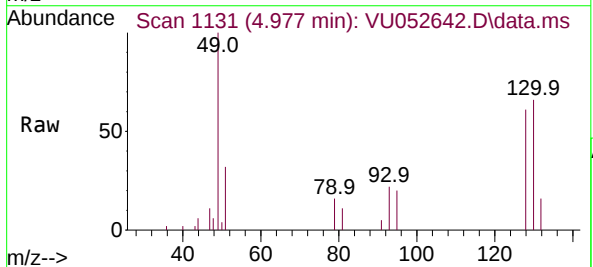
Ion	Ratio	Lower	Upper
96	100		
61	145.5	94.6	175.8
98	69.0	43.3	80.3

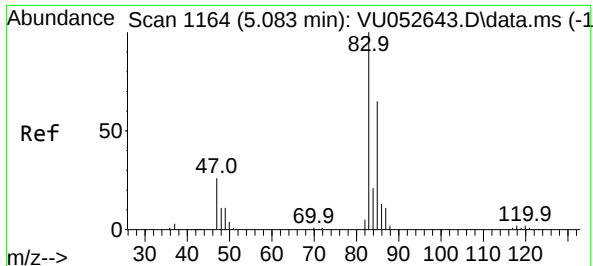


#23
 Bromochloromethane
 Concen: 1.002 ug/L
 RT: 4.977 min Scan# 1131
 Delta R.T. 0.003 min
 Lab File: VU052642.D
 Acq: 10 Jan 2023 14:12

Tgt Ion: 128 Resp: 6023

Ion	Ratio	Lower	Upper
128	100		
49	164.6	142.8	265.2
130	108.9	91.3	169.5
51	52.5	51.0	76.4





#25

Chloroform

Concen: 1.106 ug/L

RT: 5.086 min Scan# 1164

Delta R.T. 0.003 min

Lab File: VU052642.D

Acq: 10 Jan 2023 14:12

Instrument :

MSVOA_U

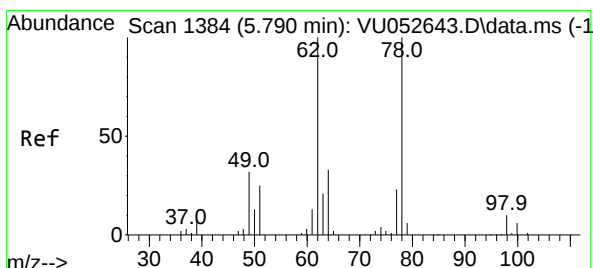
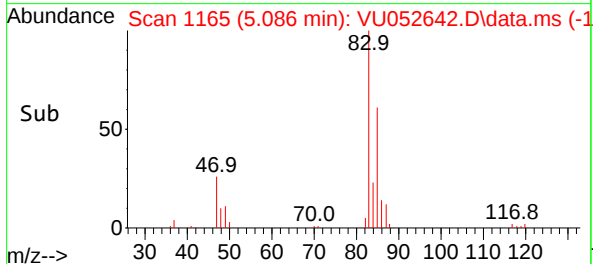
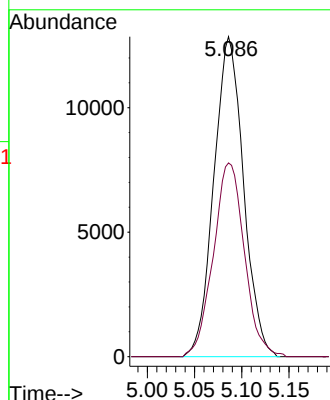
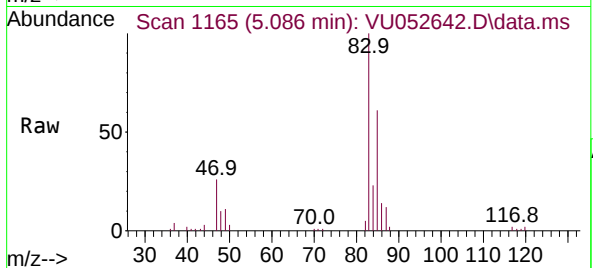
ClientSampleId :

Tgt Ion: 83 Resp: 28011

Ion Ratio Lower Upper

83 100

85 60.6 45.6 84.6



#27

1,2-Dichloroethane

Concen: 0.975 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VU052642.D

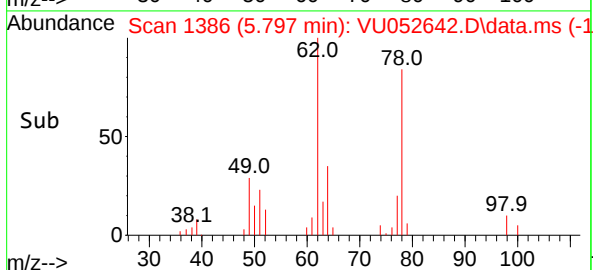
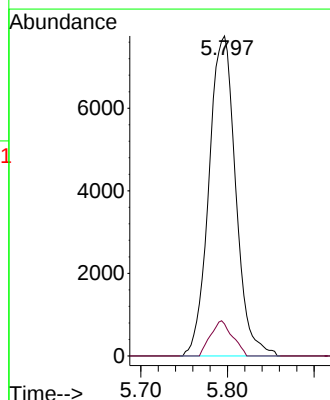
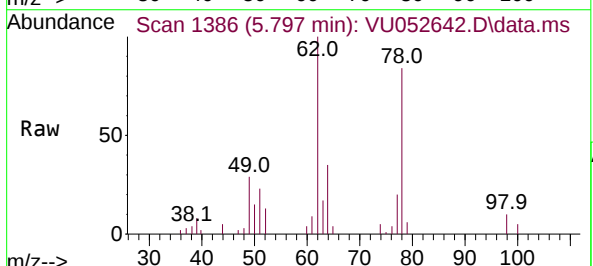
Acq: 10 Jan 2023 14:12

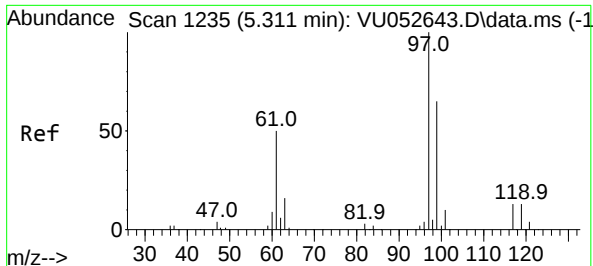
Tgt Ion: 62 Resp: 16639

Ion Ratio Lower Upper

62 100

98 10.0 7.5 11.3





#29

1,1,1-Trichloroethane

Concen: 1.204 ug/L

RT: 5.314 min Scan# 11

Delta R.T. 0.003 min

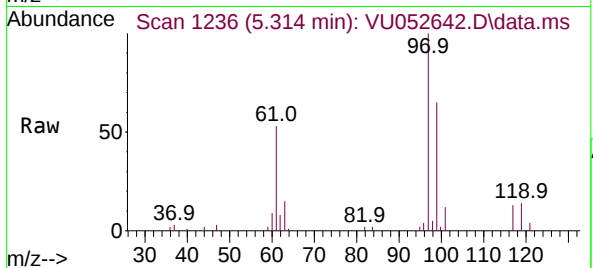
Lab File: VU052642.D

Acq: 10 Jan 2023 14:12

Instrument :

MSVOA_U

ClientSampleId :



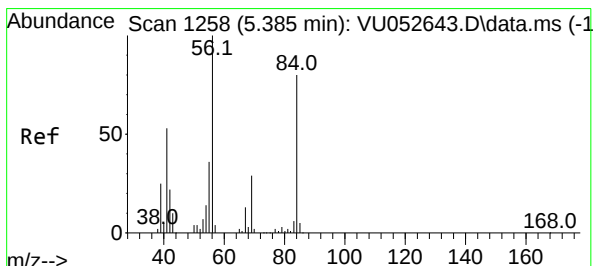
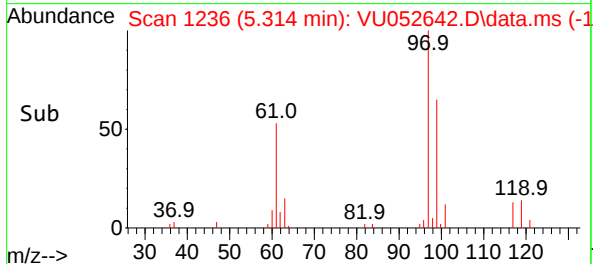
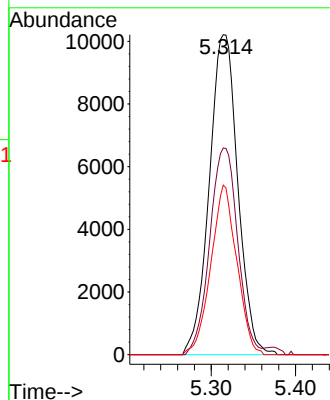
Tgt Ion: 97 Resp: 24036

Ion Ratio Lower Upper

97 100

99 63.3 52.4 78.6

61 48.1 38.5 57.7



#30

Cyclohexane

Concen: 0.931 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.003 min

Lab File: VU052642.D

Acq: 10 Jan 2023 14:12

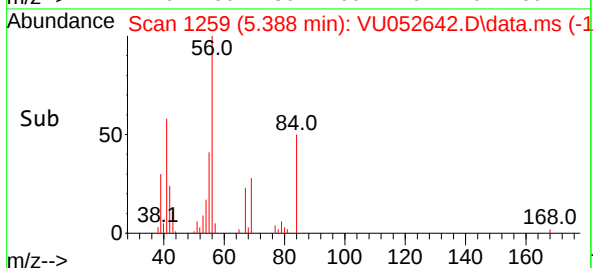
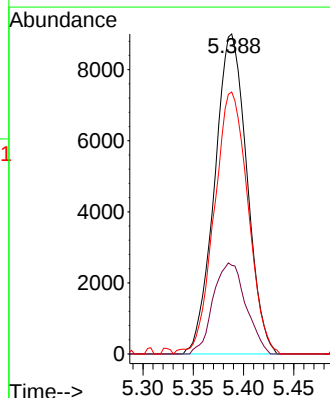
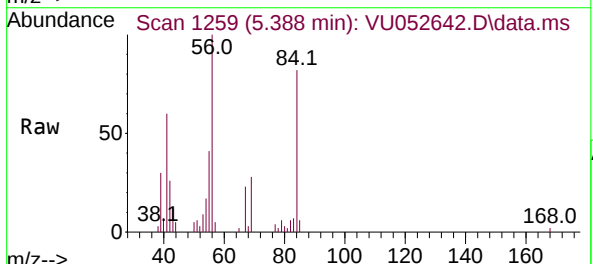
Tgt Ion: 56 Resp: 20095

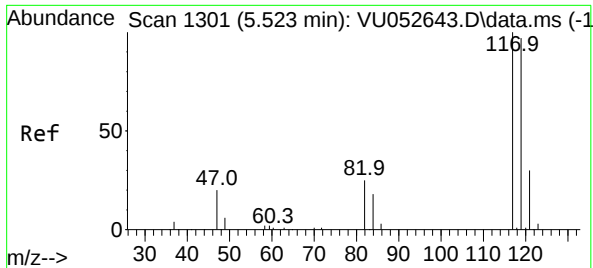
Ion Ratio Lower Upper

56 100

69 28.8 23.8 35.8

84 85.3 66.2 99.4

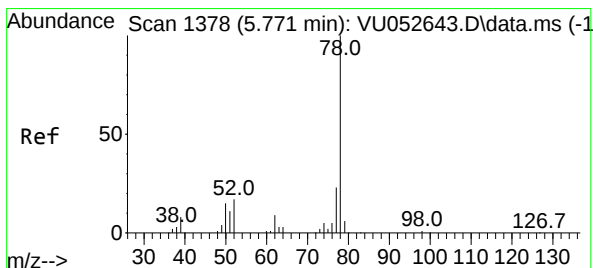
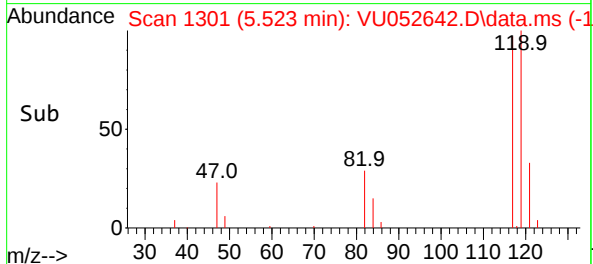
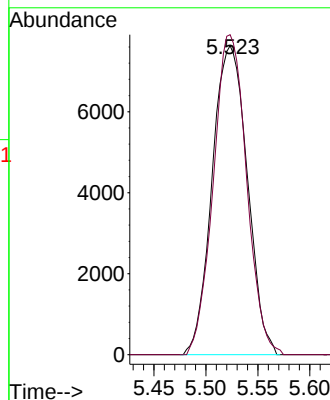
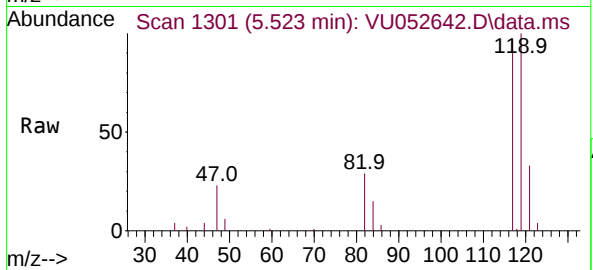




#31
Carbon tetrachloride
Concen: 1.033 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VU052642.D
Acq: 10 Jan 2023 14:12

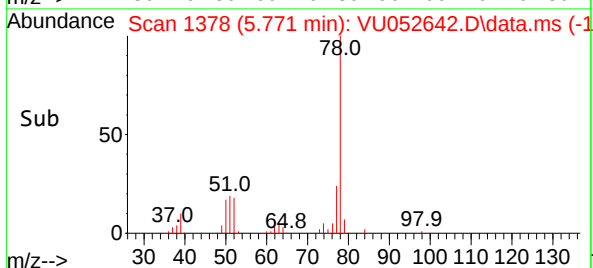
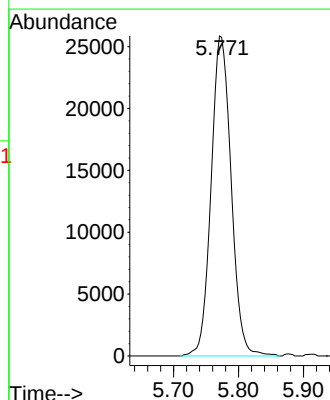
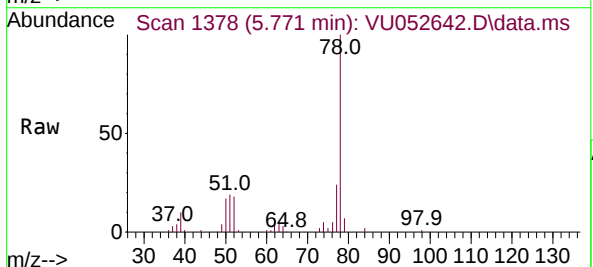
Instrument :
MSVOA_U
ClientSampleId :

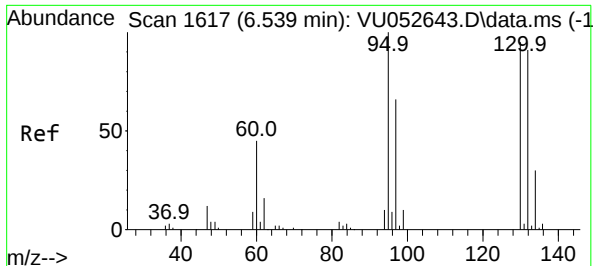
Tgt Ion:117 Resp: 17934
Ion Ratio Lower Upper
117 100
119 97.8 77.8 116.8



#33
Benzene
Concen: 0.979 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU052642.D
Acq: 10 Jan 2023 14:12

Tgt Ion: 78 Resp: 55377

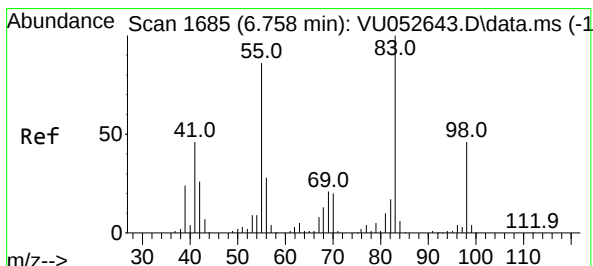
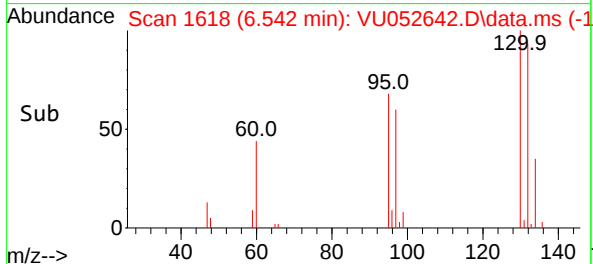
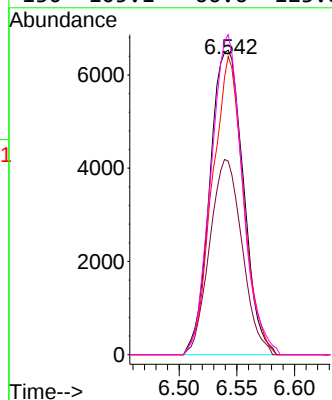
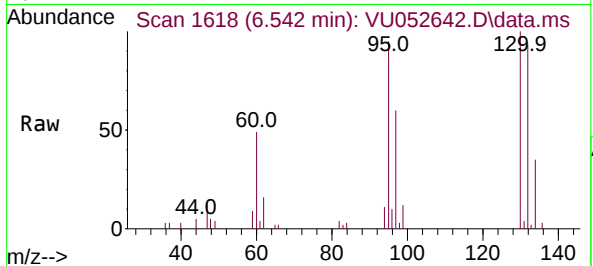




#34
Trichloroethene
Concen: 0.996 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU052642.D
Acq: 10 Jan 2023 14:12

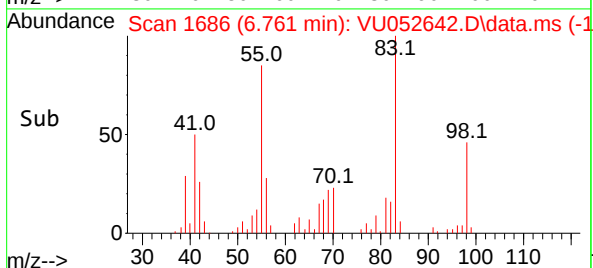
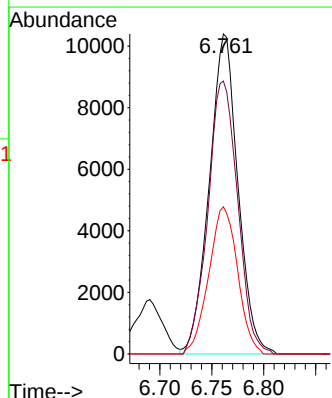
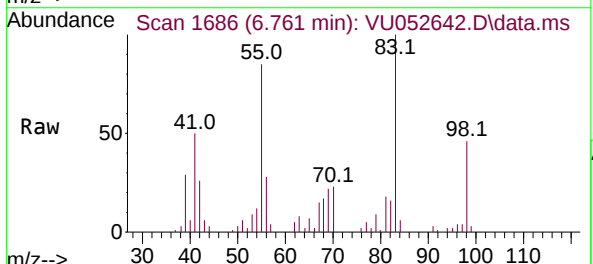
Instrument :
MSVOA_U
ClientSampleId :

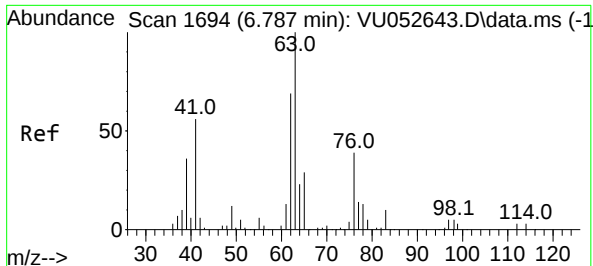
Tgt Ion: 95 Resp: 13142
Ion Ratio Lower Upper
95 100
97 63.6 46.0 85.4
132 98.0 64.0 118.8
130 105.1 66.6 123.8



#35
Methylcyclohexane
Concen: 0.985 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.003 min
Lab File: VU052642.D
Acq: 10 Jan 2023 14:12

Tgt Ion: 83 Resp: 19968
Ion Ratio Lower Upper
83 100
55 88.4 67.6 101.4
98 46.2 37.1 55.7





#37

1,2-Dichloropropane

Concen: 0.989 ug/L

RT: 6.787 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052642.D

Acq: 10 Jan 2023 14:12

Instrument :

MSVOA_U

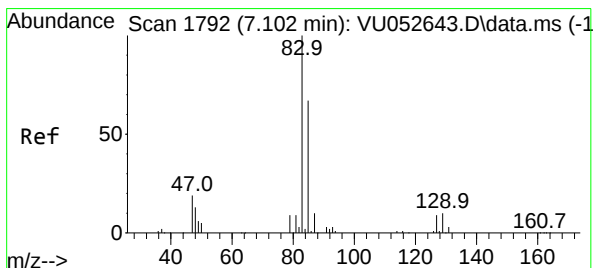
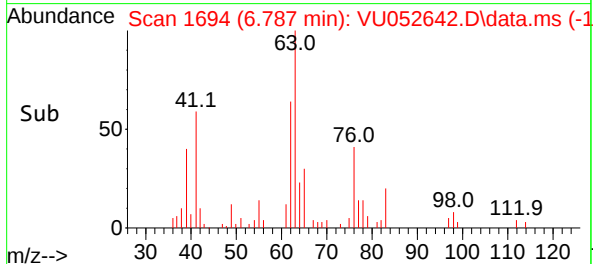
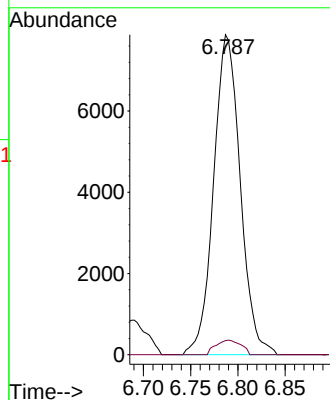
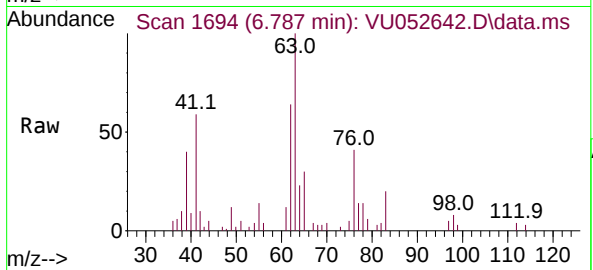
ClientSampleId :

Tgt Ion: 63 Resp: 15437

Ion Ratio Lower Upper

63 100

112 4.3 2.9 4.3



#38

Bromodichloromethane

Concen: 0.962 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.003 min

Lab File: VU052642.D

Acq: 10 Jan 2023 14:12

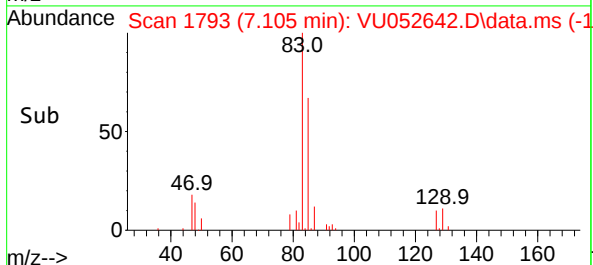
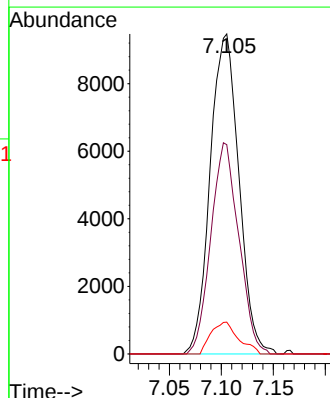
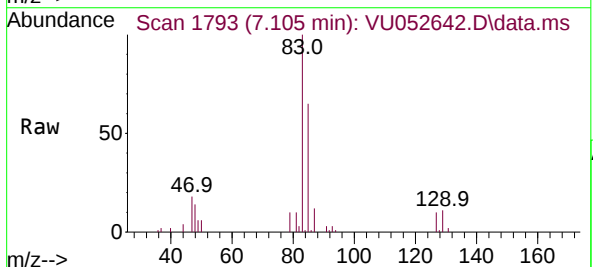
Tgt Ion: 83 Resp: 18198

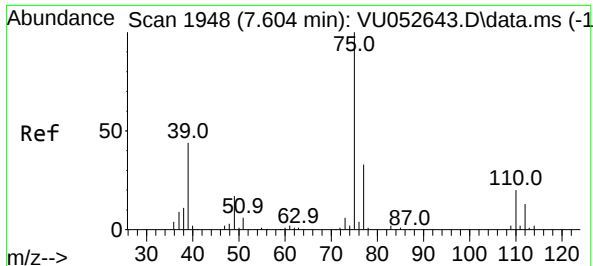
Ion Ratio Lower Upper

83 100

85 65.4 47.0 87.4

127 9.9 6.9 10.3

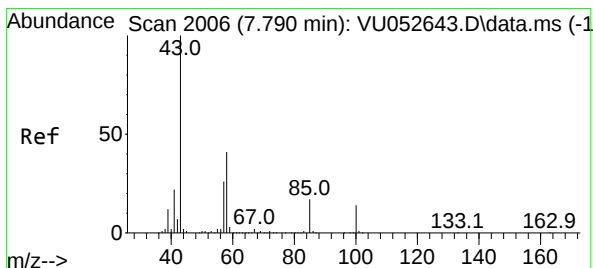
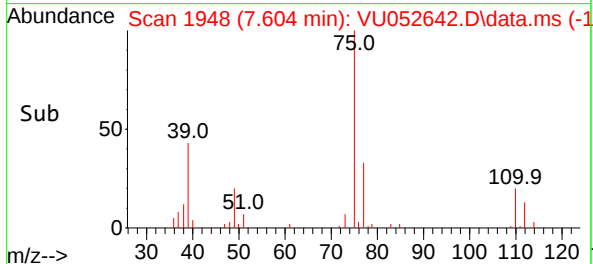
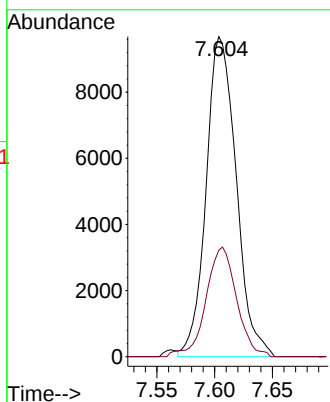
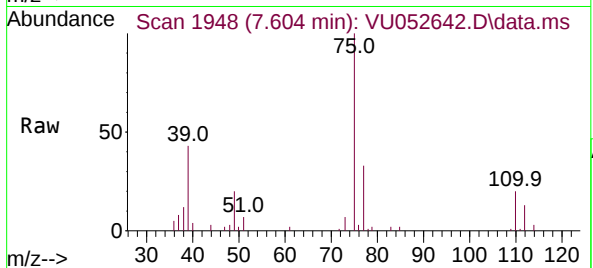




#39
 cis-1,3-Dichloropropene
 Concen: 0.885 ug/L
 RT: 7.604 min Scan# 1948
 Delta R.T. -0.000 min
 Lab File: VU052642.D
 Acq: 10 Jan 2023 14:12

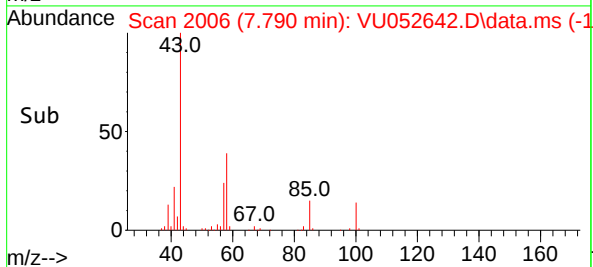
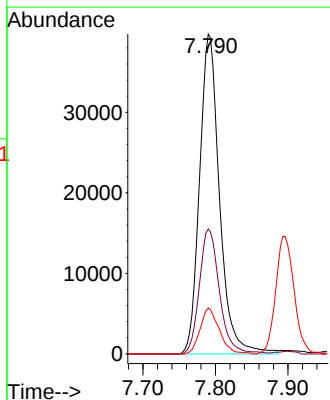
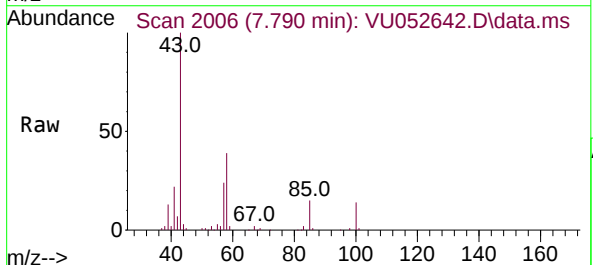
Instrument :
 MSVOA_U
 ClientSampleId :

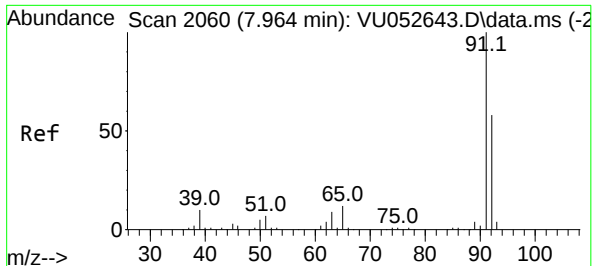
Tgt Ion: 75 Resp: 17525
 Ion Ratio Lower Upper
 75 100
 77 33.3 22.9 42.5



#40
 4-Methyl-2-pentanone
 Concen: 6.965 ug/L
 RT: 7.790 min Scan# 2006
 Delta R.T. -0.000 min
 Lab File: VU052642.D
 Acq: 10 Jan 2023 14:12

Tgt Ion: 43 Resp: 76049
 Ion Ratio Lower Upper
 43 100
 58 39.3 32.0 48.0
 100 13.8 11.3 16.9





#42

Toluene

Concen: 0.989 ug/L

RT: 7.967 min Scan# 2060

Delta R.T. 0.003 min

Lab File: VU052642.D

Acq: 10 Jan 2023 14:12

Instrument :

MSVOA_U

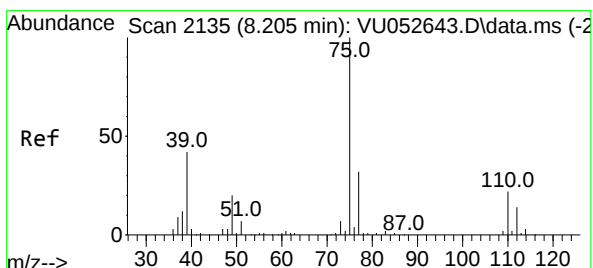
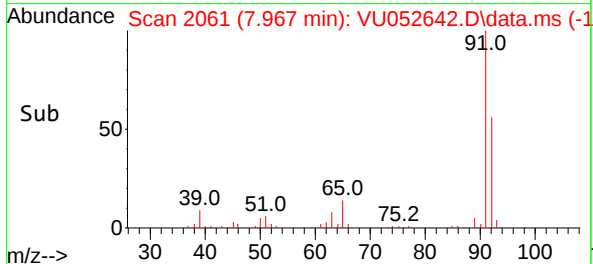
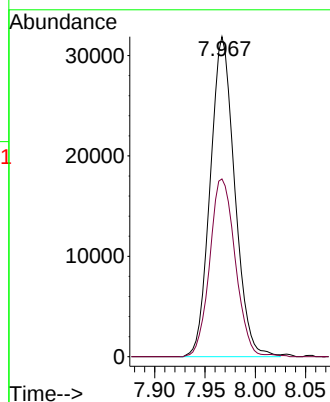
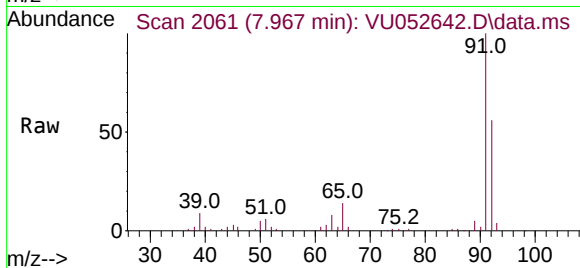
ClientSampleId :

Tgt Ion: 91 Resp: 53963

Ion Ratio Lower Upper

91 100

92 55.5 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 0.897 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.003 min

Lab File: VU052642.D

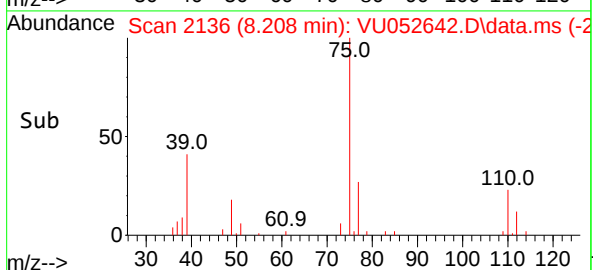
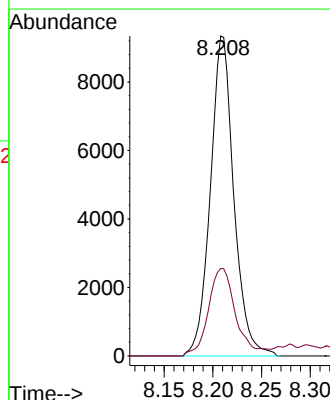
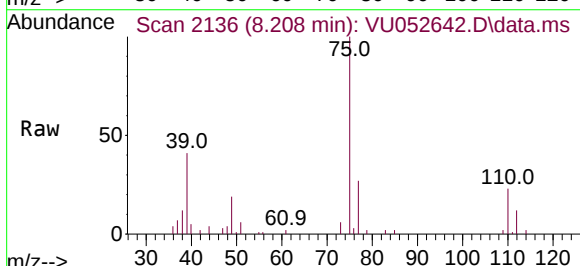
Acq: 10 Jan 2023 14:12

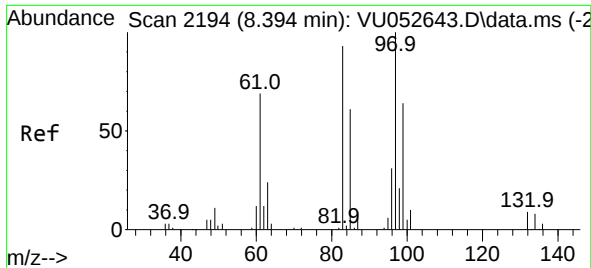
Tgt Ion: 75 Resp: 15662

Ion Ratio Lower Upper

75 100

77 27.3 22.3 41.5

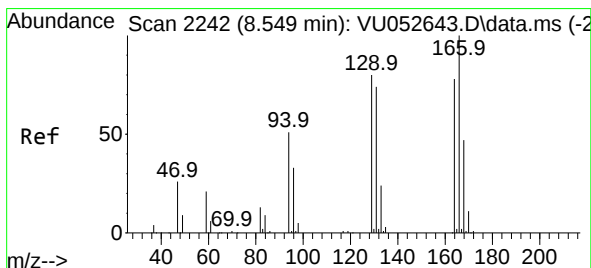
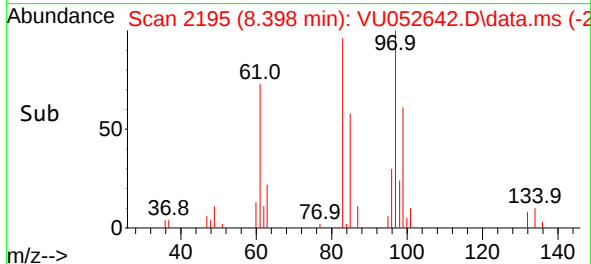
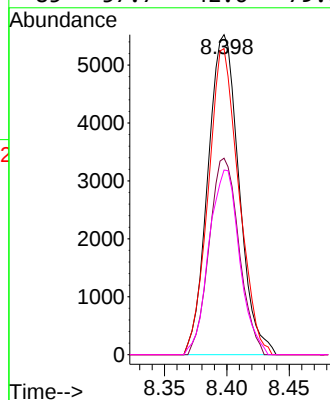
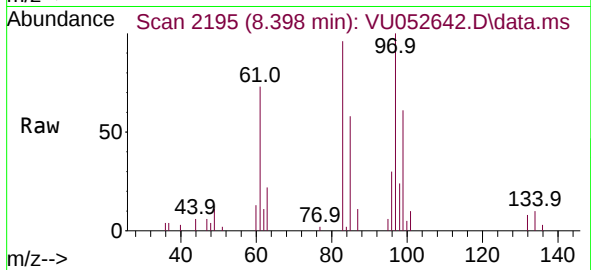




#45
1,1,2-Trichloroethane
Concen: 0.891 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.003 min
Lab File: VU052642.D
Acq: 10 Jan 2023 14:12

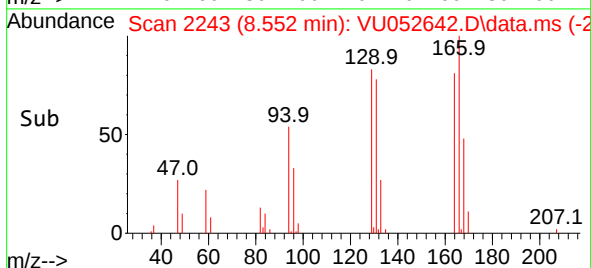
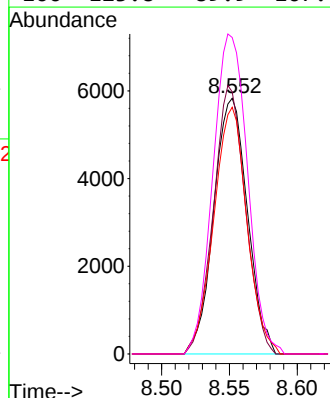
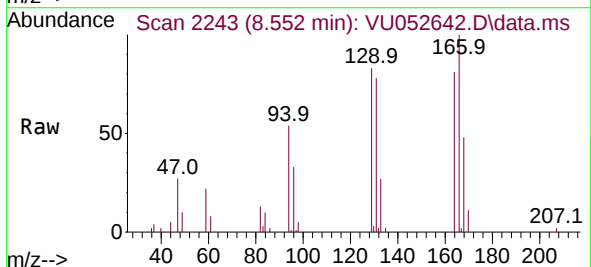
Instrument :
MSVOA_U
ClientSampleId :

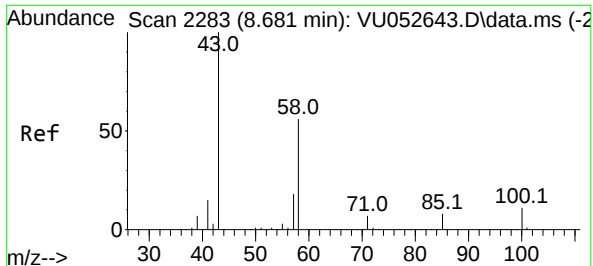
Tgt Ion: 97	Resp: 9608
Ion Ratio	Lower Upper
97 100	
99 61.4	44.8 83.2
83 95.7	65.3 121.3
85 57.7	42.6 79.0



#47
Tetrachloroethene
Concen: 1.084 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.003 min
Lab File: VU052642.D
Acq: 10 Jan 2023 14:12

Tgt	Ion:164	Resp:	10072
Ion	Ratio	Lower	Upper
164	100		
129	102.5	71.8	133.4
131	96.5	66.6	123.6
166	123.8	89.9	167.0





#48

2-Hexanone

Concen: 6.977 ug/L

RT: 8.684 min Scan# 21

Delta R.T. 0.003 min

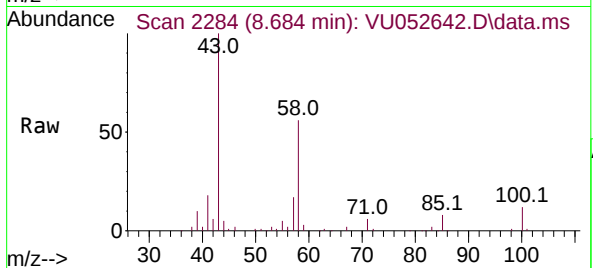
Lab File: VU052642.D

Acq: 10 Jan 2023 14:12

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 57093

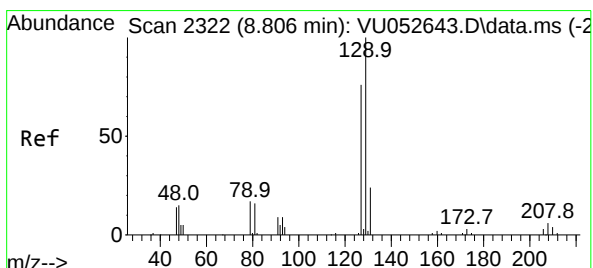
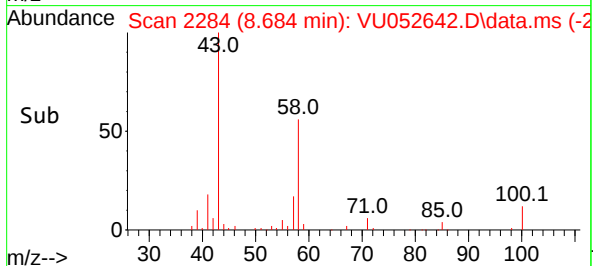
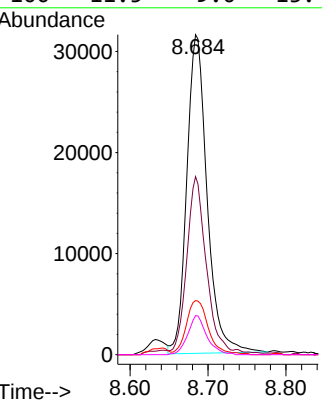
Ion Ratio Lower Upper

43 100

58 51.4 45.1 67.7

57 18.4 15.1 22.7

100 11.5 9.0 13.4



#49

Dibromochloromethane

Concen: 0.954 ug/L

RT: 8.806 min Scan# 2322

Delta R.T. -0.000 min

Lab File: VU052642.D

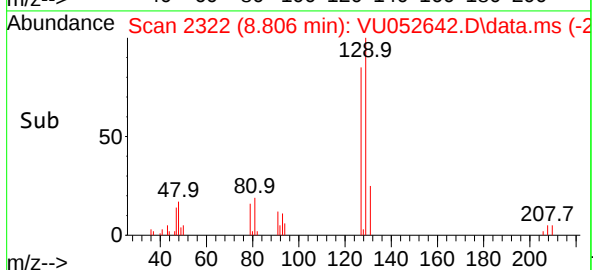
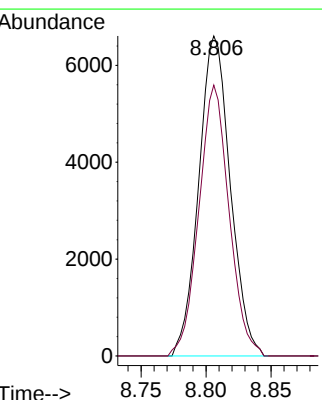
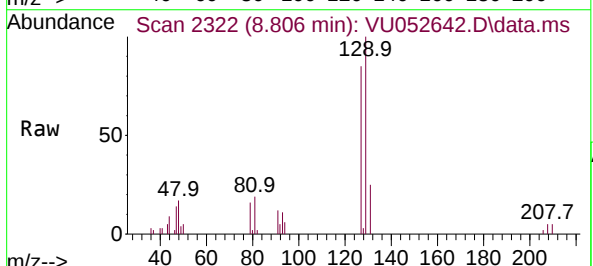
Acq: 10 Jan 2023 14:12

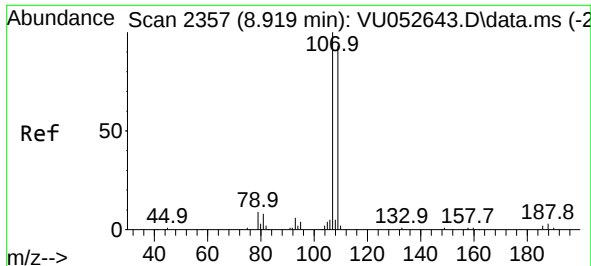
Tgt Ion: 129 Resp: 11163

Ion Ratio Lower Upper

129 100

127 84.7 53.5 99.5





#50

1,2-Dibromoethane

Concen: 0.898 ug/L

RT: 8.919 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU052642.D

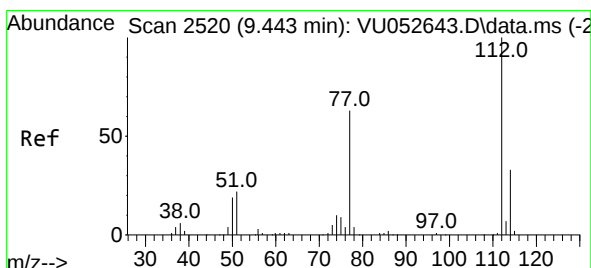
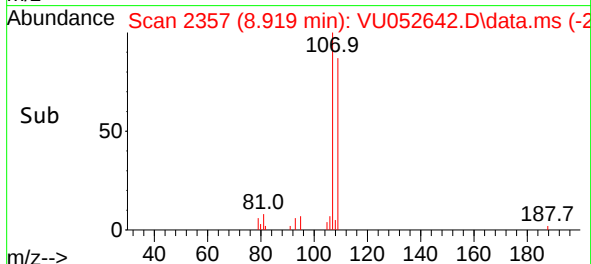
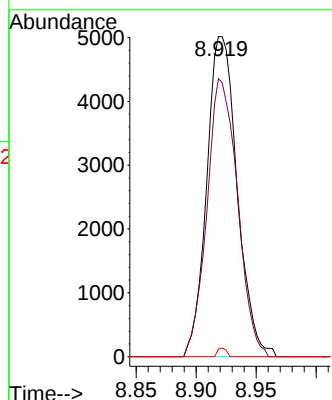
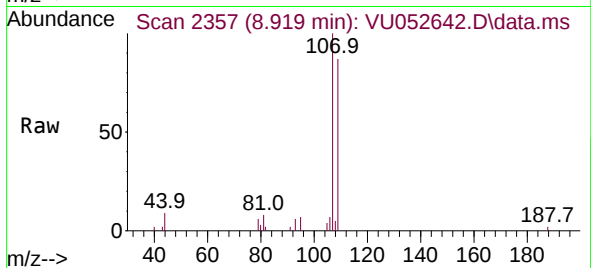
Acq: 10 Jan 2023 14:12

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	8858
Ion Ratio	Lower	Upper
107	100	
109	86.9	65.3 121.3
188	2.4	2.4 3.6#



#51

Chlorobenzene

Concen: 1.012 ug/L

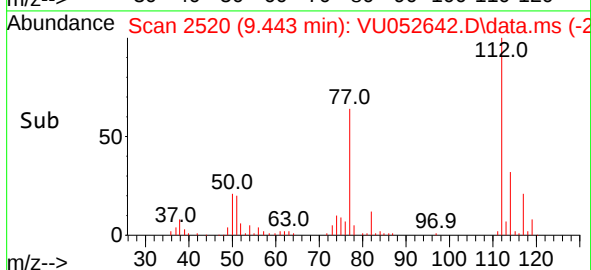
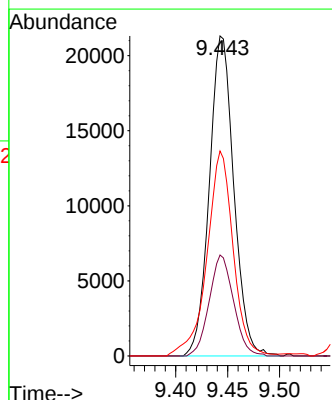
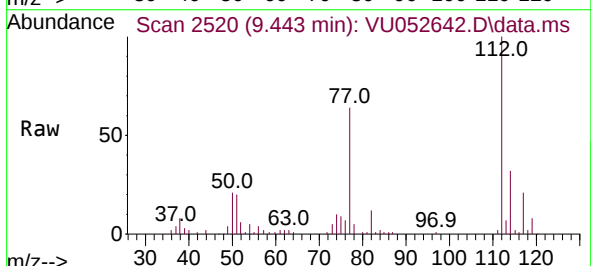
RT: 9.443 min Scan# 2520

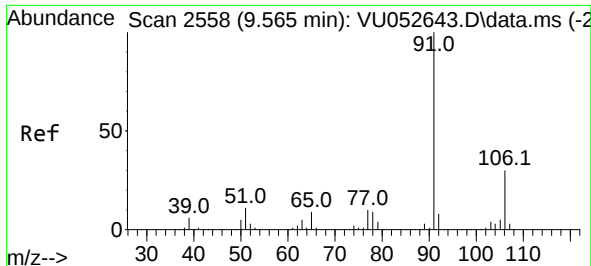
Delta R.T. -0.000 min

Lab File: VU052642.D

Acq: 10 Jan 2023 14:12

Tgt Ion:112	Resp:	34899
Ion Ratio	Lower	Upper
112	100	
114	31.5	22.8 42.4
77	64.1	50.2 75.4





#52

Ethylbenzene

Concen: 0.937 ug/L

RT: 9.568 min Scan# 2558

Delta R.T. 0.003 min

Lab File: VU052642.D

Acq: 10 Jan 2023 14:12

Instrument :

MSVOA_U

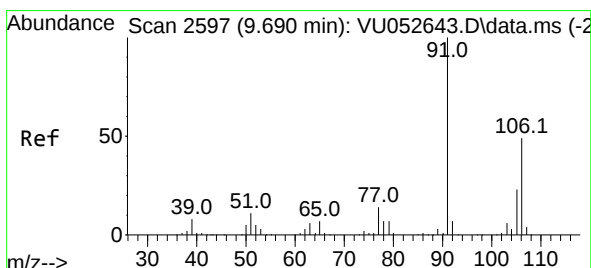
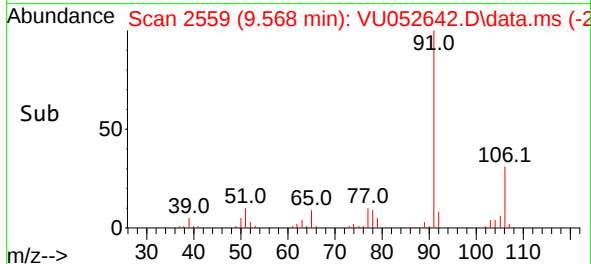
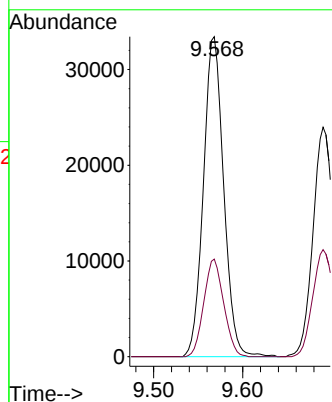
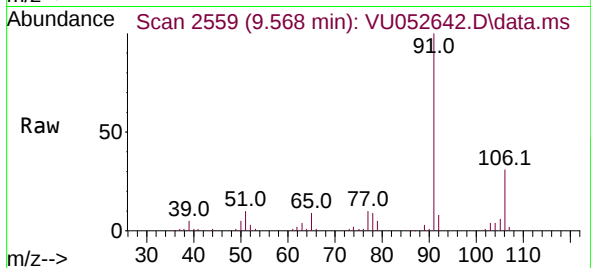
ClientSampleId :

Tgt Ion: 91 Resp: 52746

Ion Ratio Lower Upper

91 100

106 30.5 21.1 39.3



#53

m,p-Xylene

Concen: 0.911 ug/L

RT: 9.690 min Scan# 2597

Delta R.T. -0.000 min

Lab File: VU052642.D

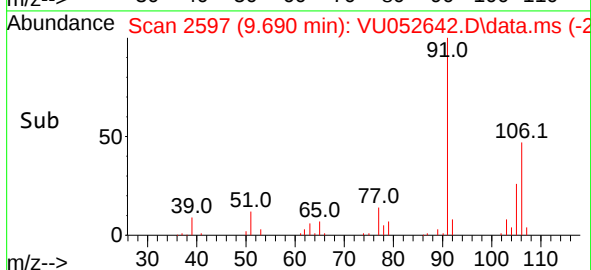
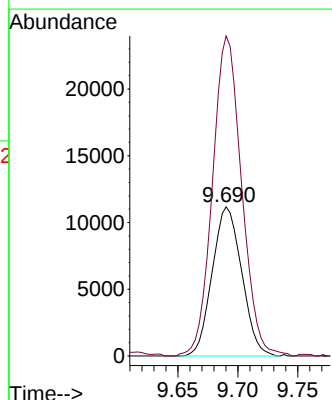
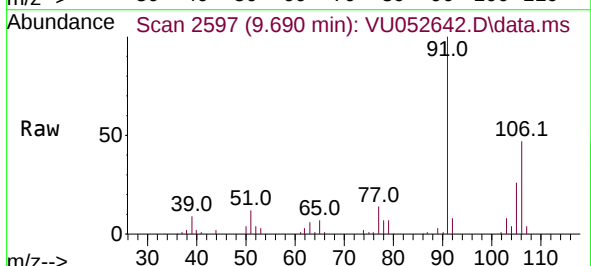
Acq: 10 Jan 2023 14:12

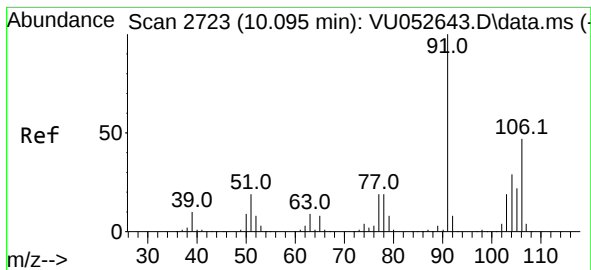
Tgt Ion:106 Resp: 19085

Ion Ratio Lower Upper

106 100

91 214.5 144.3 267.9





#54

o-Xylene

Concen: 0.899 ug/L

RT: 10.095 min Scan# 2723

Delta R.T. -0.000 min

Lab File: VU052642.D

Acq: 10 Jan 2023 14:12

Instrument :

MSVOA_U

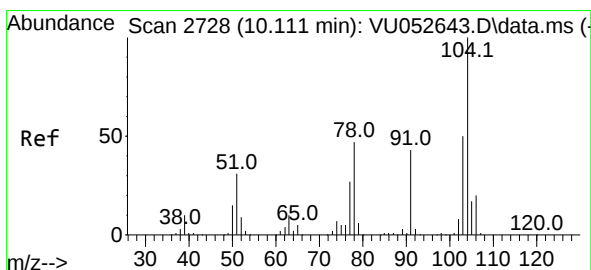
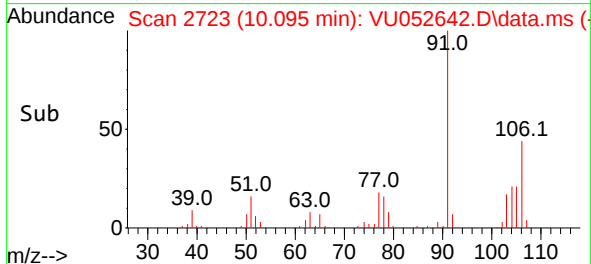
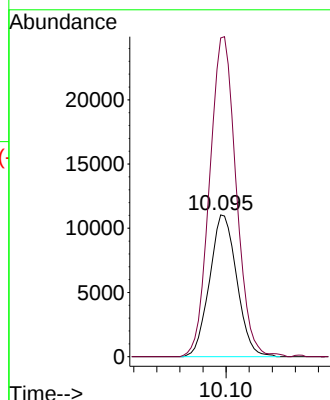
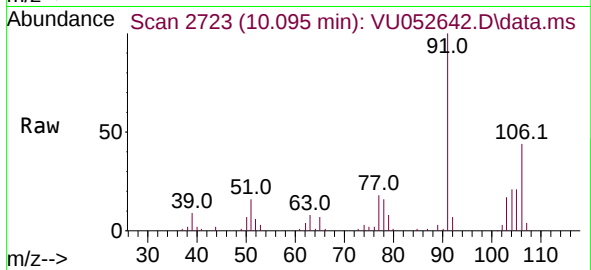
ClientSampleId :

Tgt Ion:106 Resp: 18044

Ion Ratio Lower Upper

106 100

91 224.9 148.7 276.1



#55

Styrene

Concen: 0.835 ug/L

RT: 10.111 min Scan# 2728

Delta R.T. -0.000 min

Lab File: VU052642.D

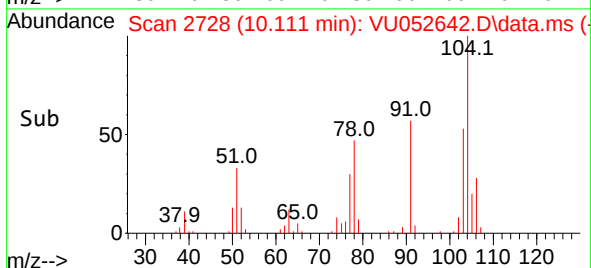
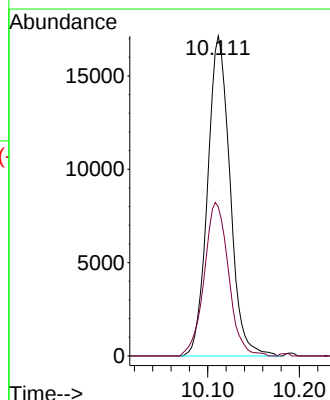
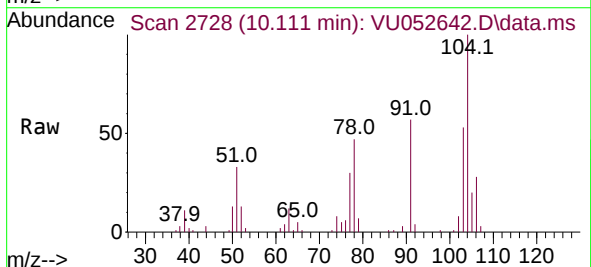
Acq: 10 Jan 2023 14:12

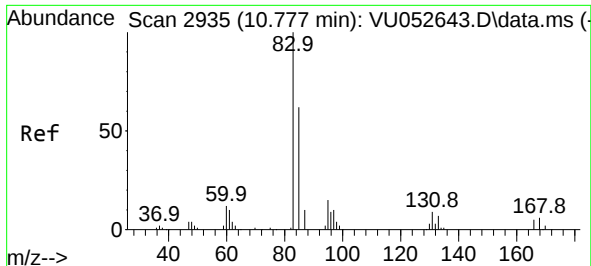
Tgt Ion:104 Resp: 29074

Ion Ratio Lower Upper

104 100

78 46.6 32.8 60.8

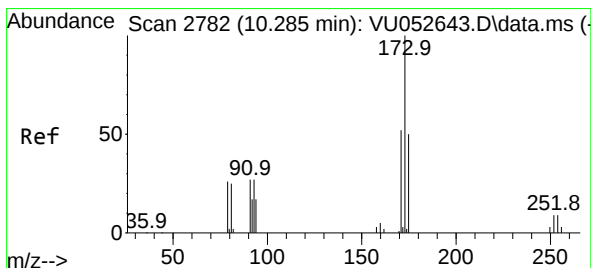
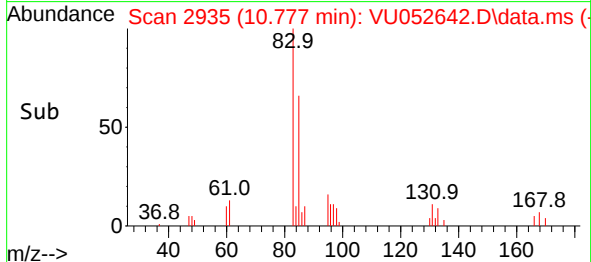
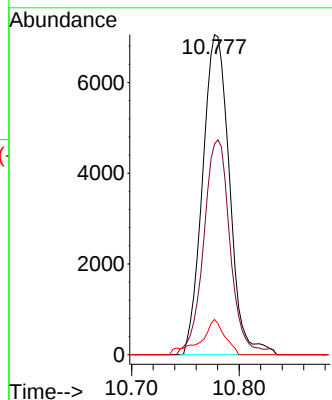
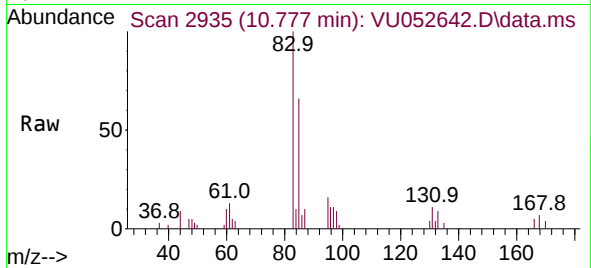




#57
 1,1,2,2-Tetrachloroethane
 Concen: 0.822 ug/L
 RT: 10.777 min Scan# 2935
 Delta R.T. -0.000 min
 Lab File: VU052642.D
 Acq: 10 Jan 2023 14:12

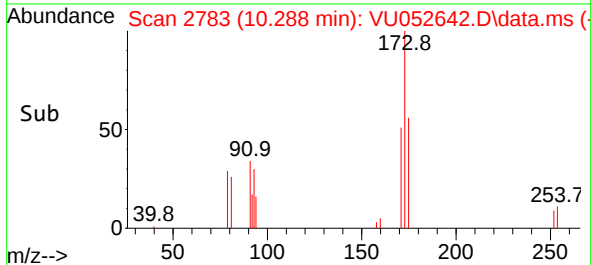
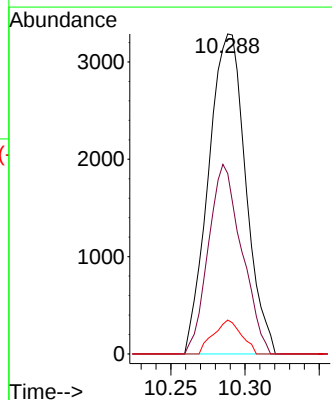
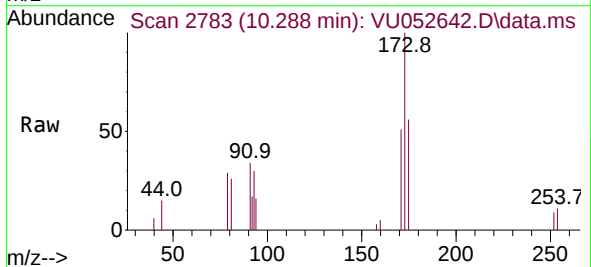
Instrument :
 MSVOA_U
 ClientSampleId :

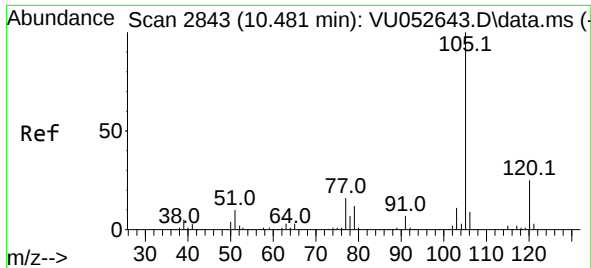
Tgt Ion: 83 Resp: 12245
 Ion Ratio Lower Upper
 83 100
 85 65.8 43.7 81.1
 131 11.0 7.0 10.6#



#59
 Bromoform
 Concen: 0.865 ug/L
 RT: 10.288 min Scan# 2783
 Delta R.T. 0.003 min
 Lab File: VU052642.D
 Acq: 10 Jan 2023 14:12

Tgt Ion:173 Resp: 5719
 Ion Ratio Lower Upper
 173 100
 175 53.3 38.2 57.4
 254 8.0 7.3 10.9

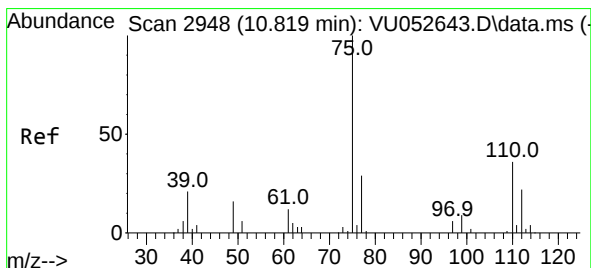
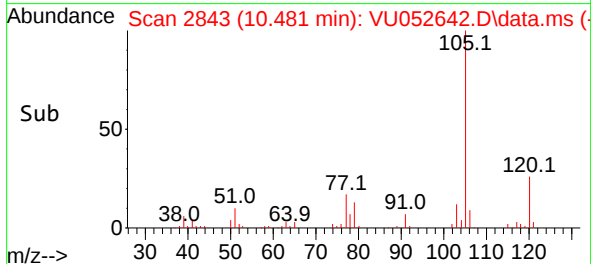
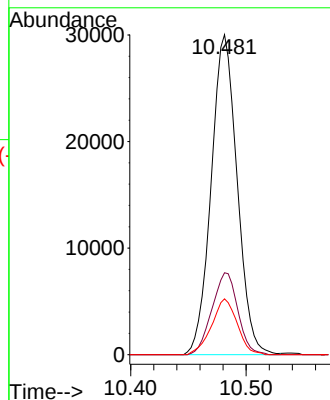
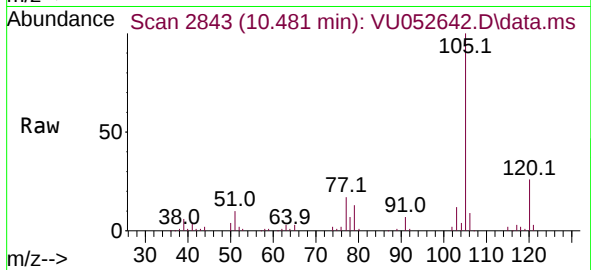




#60
Isopropylbenzene
Concen: 0.938 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU052642.D
Acq: 10 Jan 2023 14:12

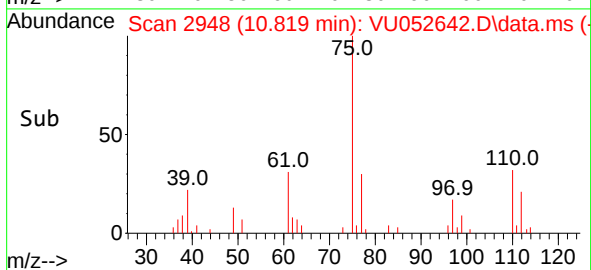
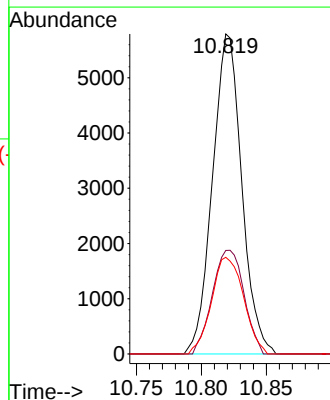
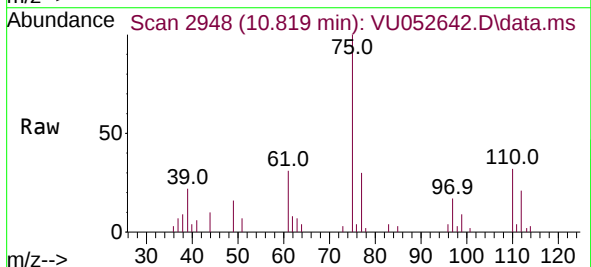
Instrument :
MSVOA_U
ClientSampleId :

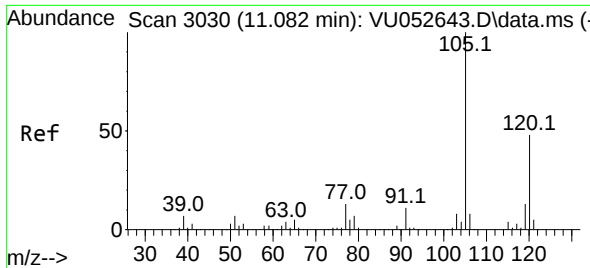
Tgt Ion:105 Resp: 46916
Ion Ratio Lower Upper
105 100
120 25.5 20.4 30.6
77 17.2 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 0.856 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.000 min
Lab File: VU052642.D
Acq: 10 Jan 2023 14:12

Tgt Ion: 75 Resp: 9053
Ion Ratio Lower Upper
75 100
110 35.1 27.2 40.8
77 33.2 24.0 36.0





#62

1,3,5-Trimethylbenzene

Concen: 0.833 ug/L

RT: 11.082 min Scan# 3030

Delta R.T. -0.000 min

Lab File: VU052642.D

Acq: 10 Jan 2023 14:12

Instrument :

MSVOA_U

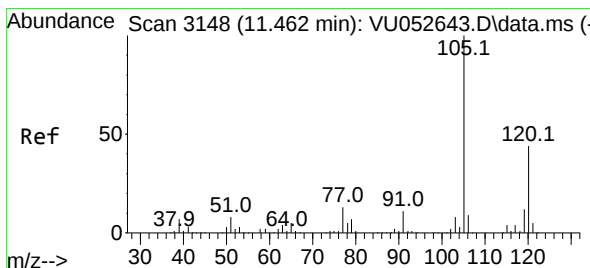
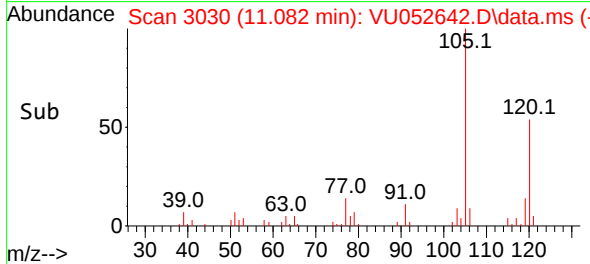
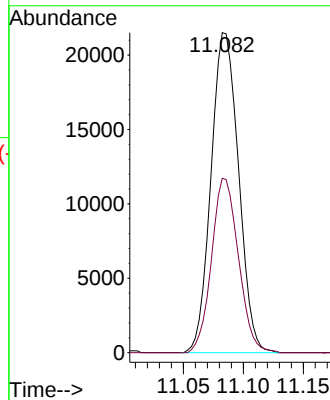
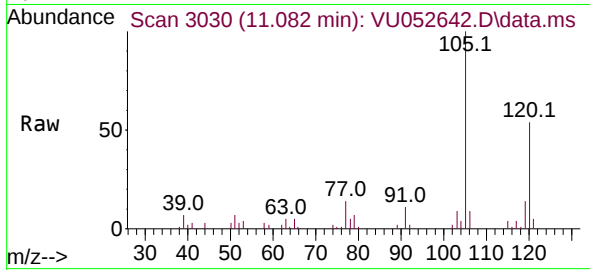
ClientSampleId :

Tgt Ion:105 Resp: 34297

Ion Ratio Lower Upper

105 100

120 53.3 39.0 58.6



#63

1,2,4-Trimethylbenzene

Concen: 0.830 ug/L

RT: 11.465 min Scan# 3149

Delta R.T. 0.003 min

Lab File: VU052642.D

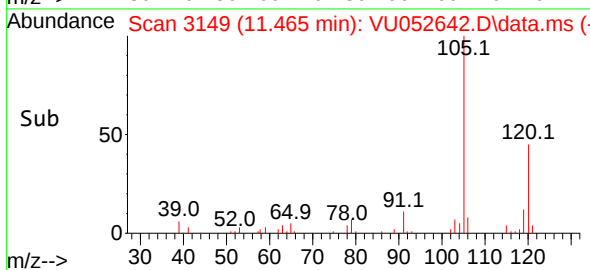
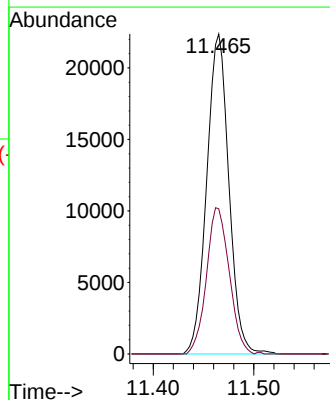
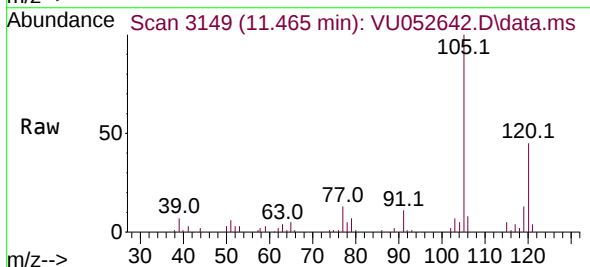
Acq: 10 Jan 2023 14:12

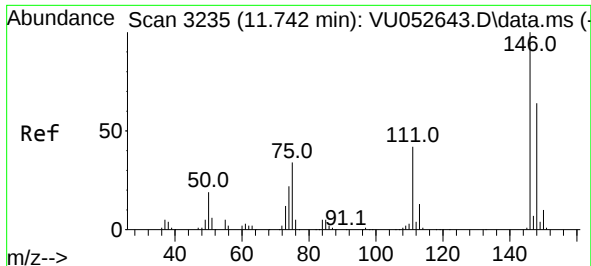
Tgt Ion:105 Resp: 34238

Ion Ratio Lower Upper

105 100

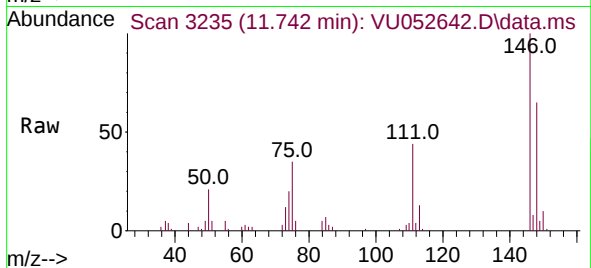
120 46.9 35.9 53.9



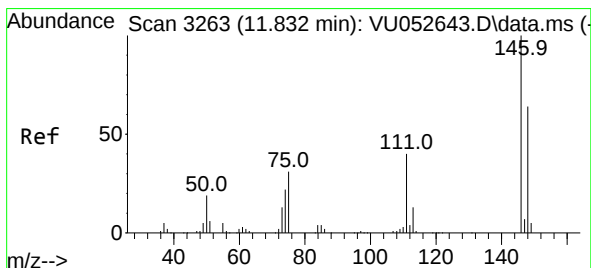
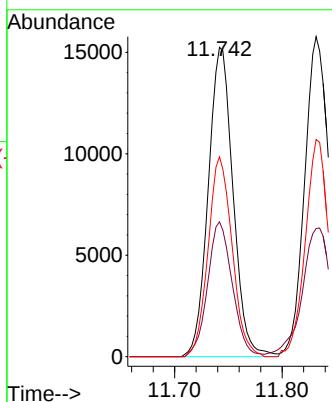
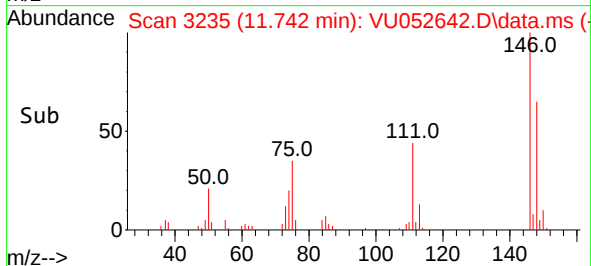


#64
1,3-Dichlorobenzene
Concen: 0.992 ug/L
RT: 11.742 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU052642.D
Acq: 10 Jan 2023 14:12

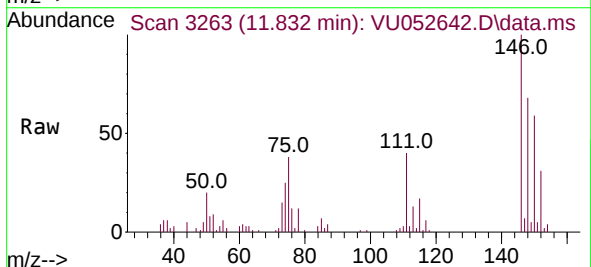
Instrument :
MSVOA_U
ClientSampleId :



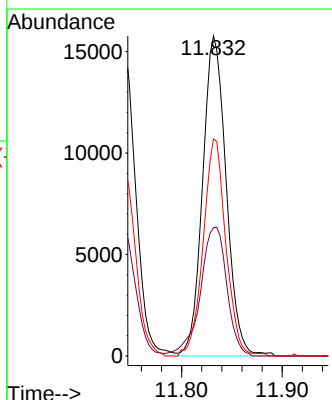
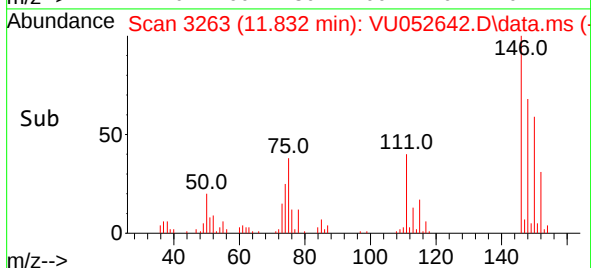
Tgt Ion:146 Resp: 24444
Ion Ratio Lower Upper
146 100
111 43.6 29.4 54.6
148 64.6 44.5 82.7

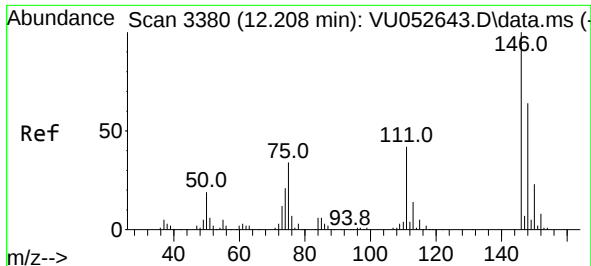


#65
1,4-Dichlorobenzene
Concen: 1.010 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.000 min
Lab File: VU052642.D
Acq: 10 Jan 2023 14:12



Tgt Ion:146 Resp: 25668
Ion Ratio Lower Upper
146 100
111 40.0 28.1 52.3
148 67.8 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 0.964 ug/L

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU052642.D

Acq: 10 Jan 2023 14:12

Instrument :

MSVOA_U

ClientSampleId :

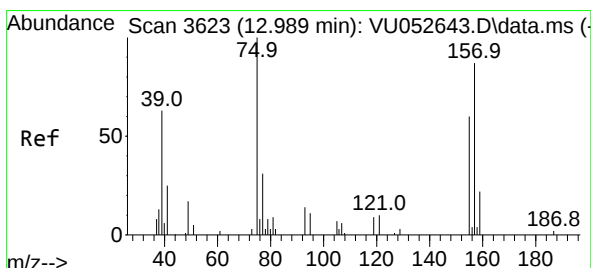
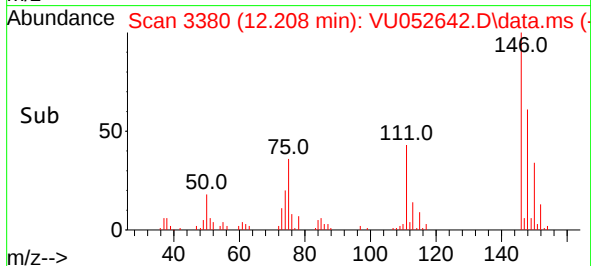
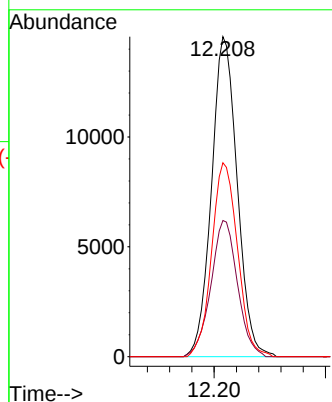
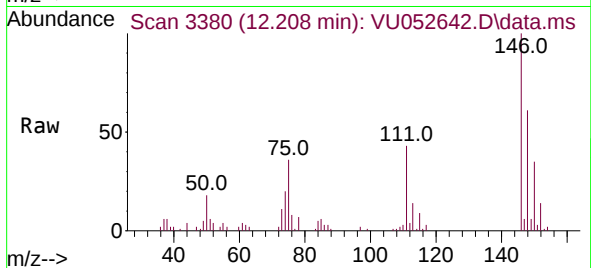
Tgt Ion:146 Resp: 23327

Ion Ratio Lower Upper

146 100

111 42.5 33.8 50.6

148 60.6 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 0.789 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. 0.003 min

Lab File: VU052642.D

Acq: 10 Jan 2023 14:12

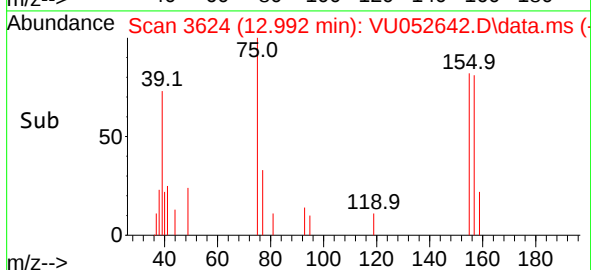
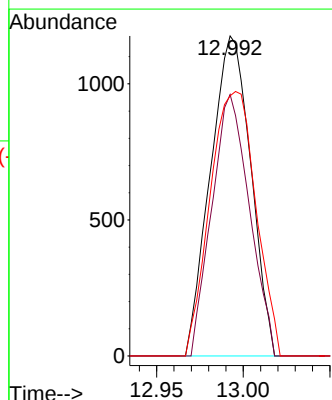
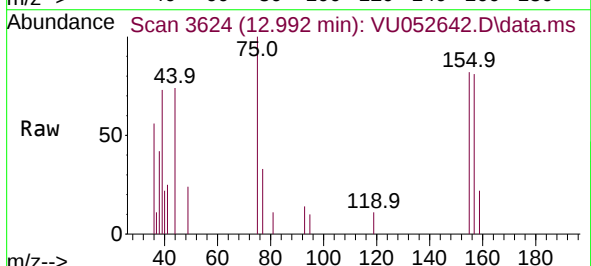
Tgt Ion: 75 Resp: 1904

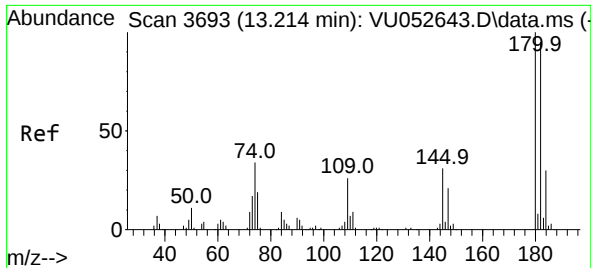
Ion Ratio Lower Upper

75 100

155 81.7 48.0 72.0#

157 81.3 69.3 103.9





#69

1,3,5-Trichlorobenzene

Concen: 1.030 ug/L

RT: 13.214 min Scan# 3693

Delta R.T. -0.000 min

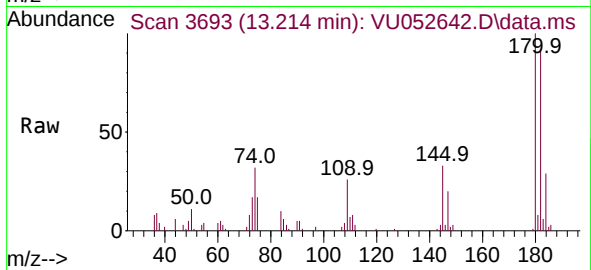
Lab File: VU052642.D

Acq: 10 Jan 2023 14:12

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 18566

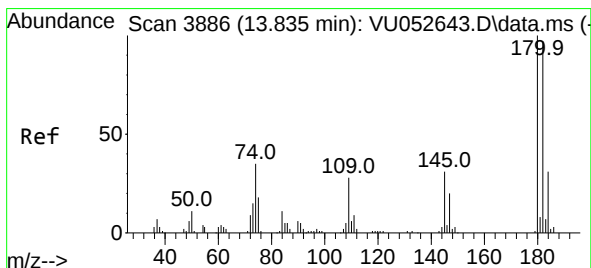
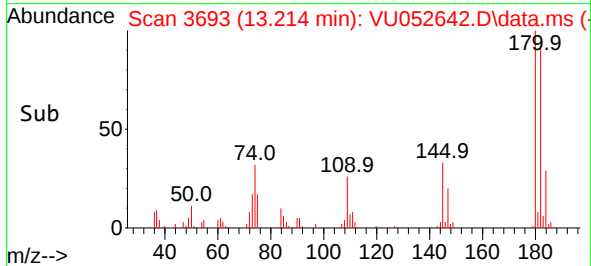
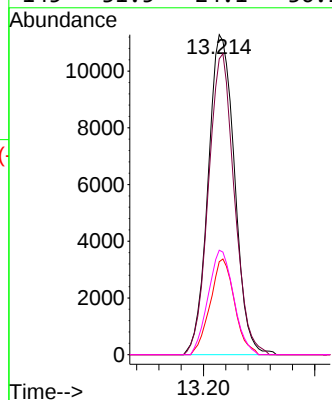
Ion Ratio Lower Upper

180 100

182 92.2 75.1 112.7

184 27.6 23.6 35.4

145 31.5 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 0.908 ug/L

RT: 13.835 min Scan# 3886

Delta R.T. -0.000 min

Lab File: VU052642.D

Acq: 10 Jan 2023 14:12

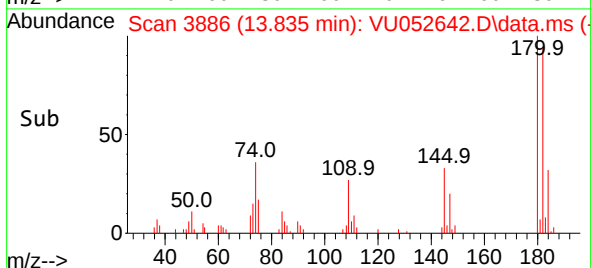
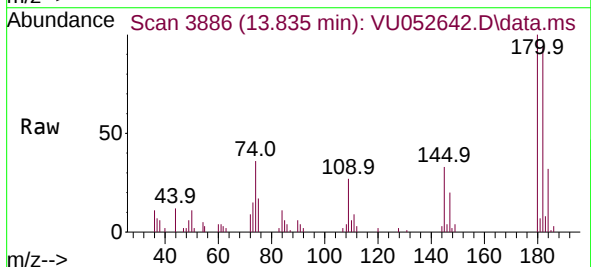
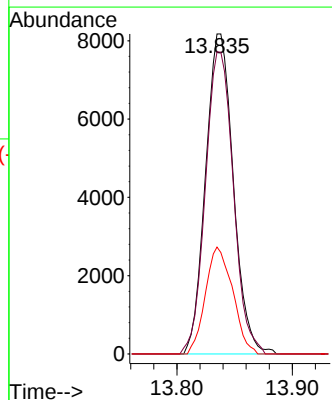
Tgt Ion:180 Resp: 13670

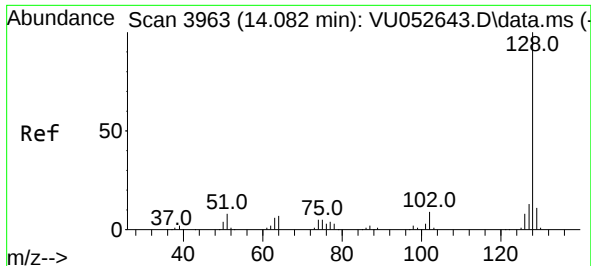
Ion Ratio Lower Upper

180 100

182 94.9 77.5 116.3

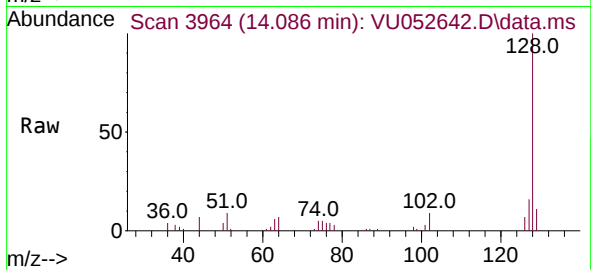
145 32.7 25.3 37.9



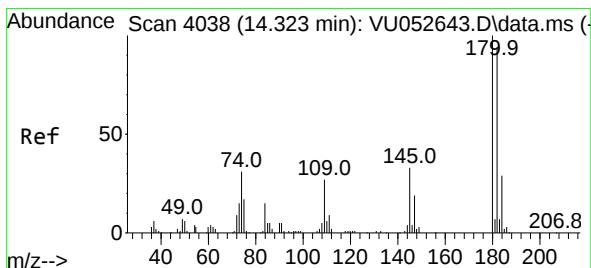
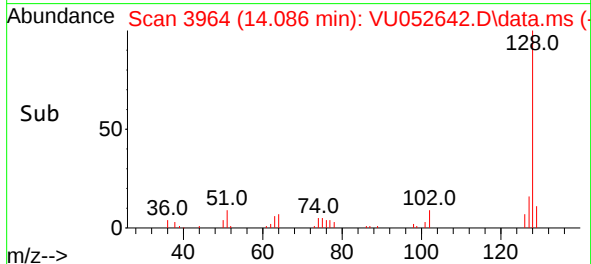
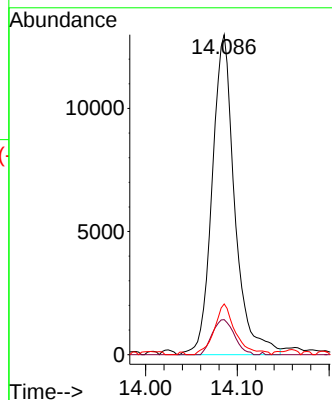


#71
Naphthalene
Concen: 0.744 ug/L
RT: 14.086 min Scan# 3963
Delta R.T. 0.003 min
Lab File: VU052642.D
Acq: 10 Jan 2023 14:12

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 22207
Ion Ratio Lower Upper
128 100
129 10.7 8.3 12.5
127 14.8 10.8 16.2



#72
1,2,3-Trichlorobenzene
Concen: 0.880 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.003 min
Lab File: VU052642.D
Acq: 10 Jan 2023 14:12

Tgt Ion:180 Resp: 13059
Ion Ratio Lower Upper
180 100
182 94.5 75.8 113.6
145 30.7 26.5 39.7

