

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011023\
 Data File : VU052641.D
 Acq On : 10 Jan 2023 13:17
 Operator : JC/MD
 Sample : VSTD0.501
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 11 00:41:27 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	6.246	114	151636	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	149142	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	72322	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	5934	0.391	ug/L	0.00
7) Chloroethane-d5	1.915	69	4686	0.361	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	65	2413	0.368	ug/L	0.00
20) 2-Butanone-d5	4.658	46	13372	2.876	ug/L	0.02
24) Chloroform-d	5.060	84	10798	0.412	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	5683	0.379	ug/L	0.00
32) Benzene-d6	5.726	84	19915	0.385	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	6981	0.395	ug/L	0.00
41) Toluene-d8	7.899	98	16786	0.384	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.176	79	2380	0.387	ug/L	0.00
46) 2-Hexanone-d5	8.635	63	7171	2.233	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.754	84	5383	0.365	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	5848	0.399	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	7846	0.559	ug/L	93
3) Chloromethane	1.520	50	10410	0.530	ug/L	100
5) Vinyl chloride	1.604	62	9859	0.555	ug/L	96
6) Bromomethane	1.858	94	4811	0.476	ug/L	92
8) Chloroethane	1.935	64	6018	0.497	ug/L	93
9) Trichlorofluoromethane	2.141	101	10556	0.513	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	6482	0.535	ug/L	94
12) 1,1-Dichloroethene	2.578	96	6949	0.596	ug/L	93
13) Acetone	2.658	43	6078	1.809	ug/L	59
14) Carbon disulfide	2.793	76	22447	0.585	ug/L	98
15) Methyl Acetate	2.957	43	2732	0.359	ug/L	97
16) Methylene chloride	3.047	84	10355	0.620	ug/L	85
17) Methyl tert-butyl Ether	3.362	73	13009	0.427	ug/L	97
18) trans-1,2-Dichloroethene	3.353	96	6317	0.525	ug/L	94
19) 1,1-Dichloroethane	3.867	63	14360	0.554	ug/L	98
21) 2-Butanone	4.729	43	16999	3.383	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	6855	0.520	ug/L	85
23) Bromochloromethane	4.976	128	2860	0.478	ug/L	87
25) Chloroform	5.086	83	14607	0.578	ug/L	98
27) 1,2-Dichloroethane	5.796	62	7955	0.468	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	13159	0.676	ug/L	96
30) Cyclohexane	5.388	56	9795	0.465	ug/L	99
31) Carbon tetrachloride	5.520	117	8635	0.510	ug/L	98
33) Benzene	5.771	78	27225	0.493	ug/L	100
34) Trichloroethene	6.542	95	7003	0.544	ug/L	95
35) Methylcyclohexane	6.761	83	9541	0.482	ug/L	99
37) 1,2-Dichloropropane	6.790	63	7498	0.492	ug/L #	93
38) Bromodichloromethane	7.105	83	9026	0.489	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	8739	0.452	ug/L	90
40) 4-Methyl-2-pentanone	7.790	43	34673	3.255	ug/L	97
42) Toluene	7.967	91	25174	0.473	ug/L	96
44) trans-1,3-Dichloropropene	8.208	75	7341	0.431	ug/L	97

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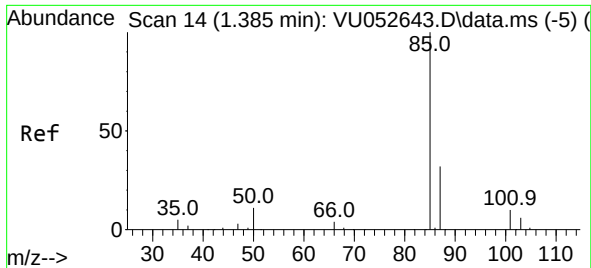
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 11 00:41:27 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)

45) 1,1,2-Trichloroethane	8.398	97	4916	0.467	ug/L	91
47) Tetrachloroethene	8.552	164	4872	0.537	ug/L	98
48) 2-Hexanone	8.687	43	24853	3.112	ug/L	94
49) Dibromochloromethane	8.806	129	5150	0.451	ug/L	99
50) 1,2-Dibromoethane	8.918	107	4095	0.425	ug/L #	94
51) Chlorobenzene	9.443	112	17510	0.520	ug/L	97
52) Ethylbenzene	9.568	91	23954	0.436	ug/L	99
53) m,p-Xylene	9.693	106	8569	0.419	ug/L	95
54) o-Xylene	10.098	106	8241	0.421	ug/L	94
55) Styrene	10.111	104	13376	0.394	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.780	83	6017	0.414	ug/L	99
59) Bromoform	10.288	173	2663	0.423	ug/L #	84
60) Isopropylbenzene	10.481	105	20986	0.440	ug/L	96
61) 1,2,3-Trichloropropane	10.819	75	4005	0.397	ug/L	97
62) 1,3,5-Trimethylbenzene	11.086	105	15607	0.397	ug/L	97
63) 1,2,4-Trimethylbenzene	11.465	105	15458	0.393	ug/L	96
64) 1,3-Dichlorobenzene	11.741	146	11132	0.474	ug/L	96
65) 1,4-Dichlorobenzene	11.831	146	11705	0.483	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	10916	0.473	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	1001	0.435	ug/L	88
69) 1,3,5-Trichlorobenzene	13.217	180	8856	0.516	ug/L	97
70) 1,2,4-trichlorobenzene	13.838	180	7194	0.502	ug/L	98
71) Naphthalene	14.085	128	11789	0.414	ug/L #	95
72) 1,2,3-Trichlorobenzene	14.327	180	6337	0.448	ug/L	99

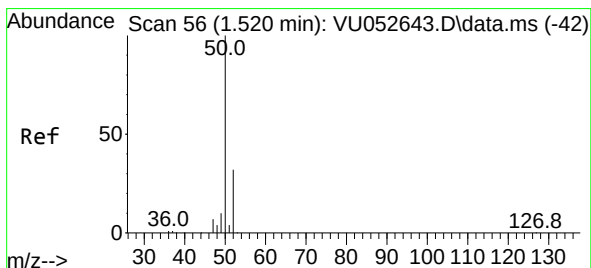
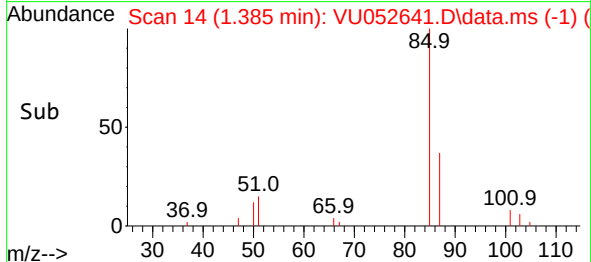
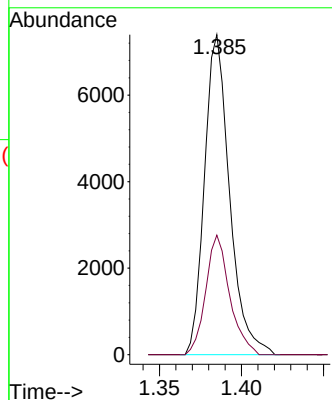
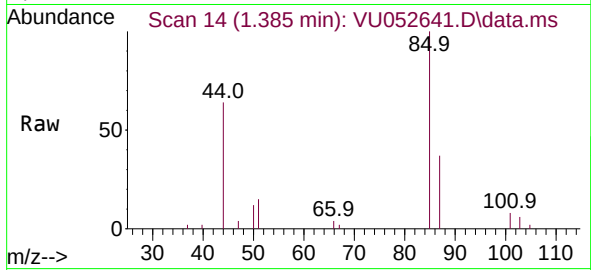
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 0.559 ug/L
 RT: 1.385 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VU052641.D
 Acq: 10 Jan 2023 13:17

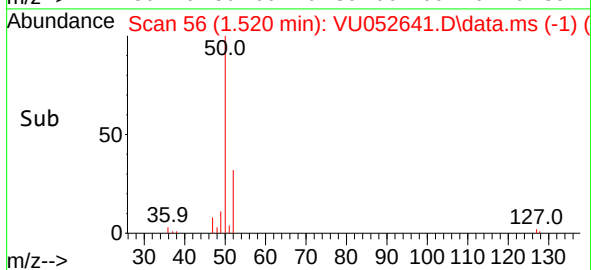
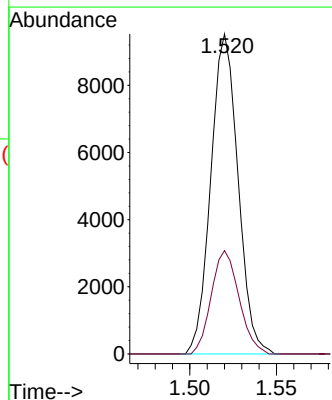
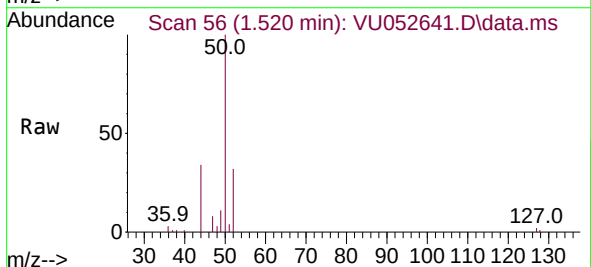
Instrument :
 MSVOA_U
 ClientSampleId :

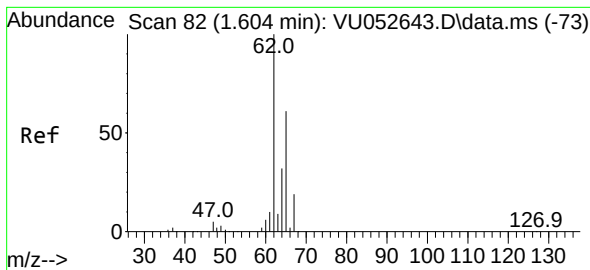
Tgt Ion: 85 Resp: 7846
 Ion Ratio Lower Upper
 85 100
 87 35.7 25.5 38.3



#3
 Chloromethane
 Concen: 0.530 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: VU052641.D
 Acq: 10 Jan 2023 13:17

Tgt Ion: 50 Resp: 10410
 Ion Ratio Lower Upper
 50 100
 52 32.3 22.7 42.3





#5

Vinyl chloride

Concen: 0.555 ug/L

RT: 1.604 min Scan# 82

Delta R.T. -0.000 min

Lab File: VU052641.D

Acq: 10 Jan 2023 13:17

Instrument :

MSVOA_U

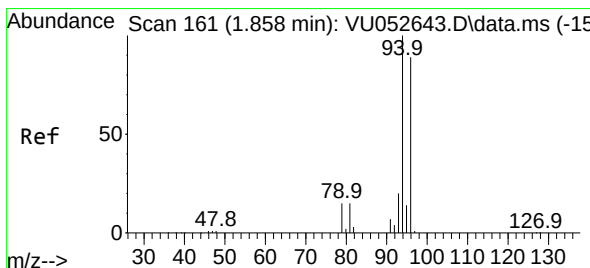
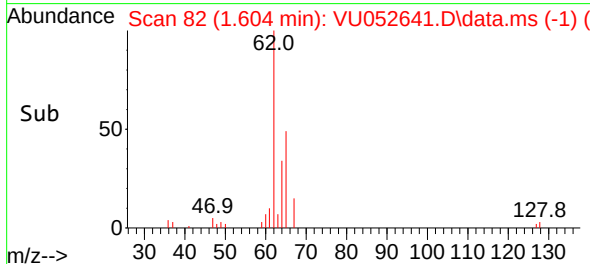
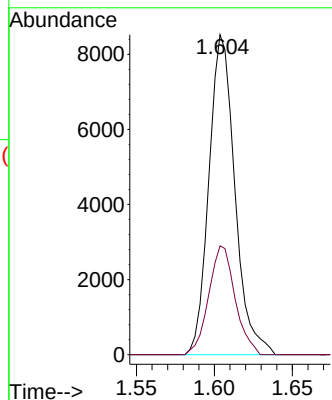
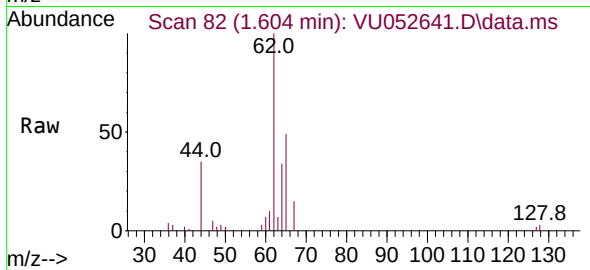
ClientSampleId :

Tgt Ion: 62 Resp: 9859

Ion Ratio Lower Upper

62 100

64 34.0 22.3 41.3



#6

Bromomethane

Concen: 0.476 ug/L

RT: 1.858 min Scan# 161

Delta R.T. -0.000 min

Lab File: VU052641.D

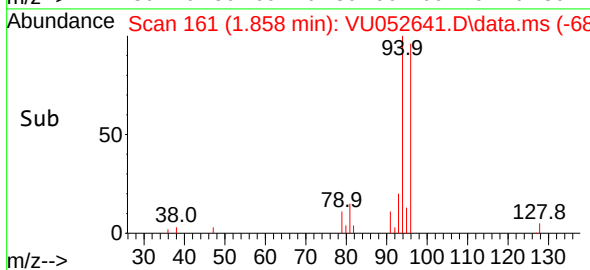
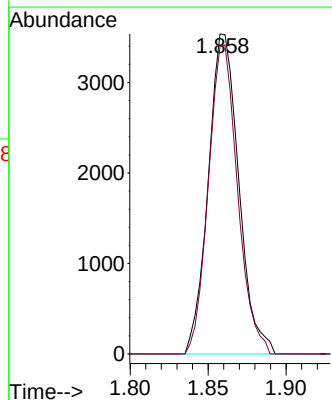
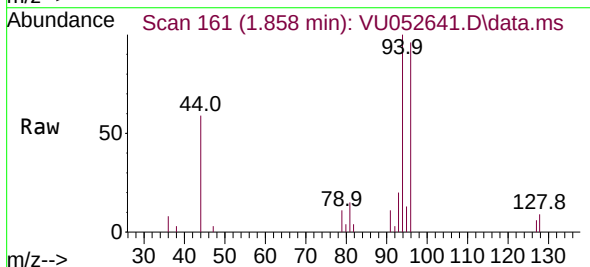
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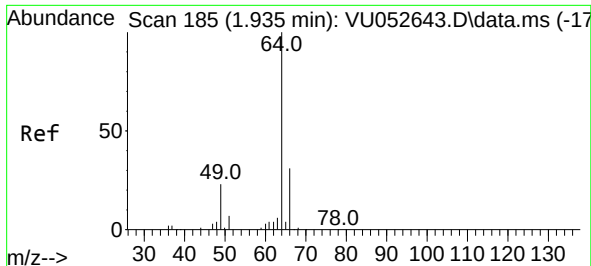
Tgt Ion: 94 Resp: 4811

Ion Ratio Lower Upper

94 100

96 96.2 62.2 115.6

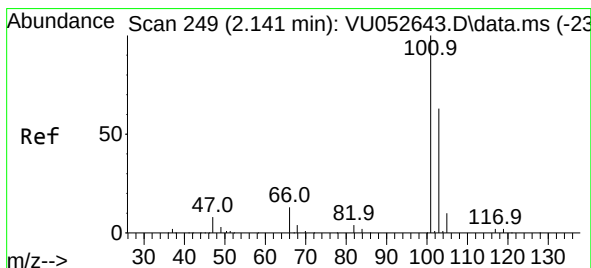
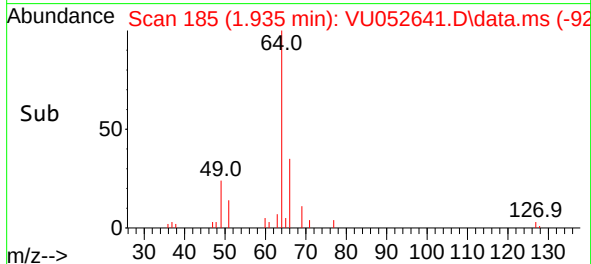
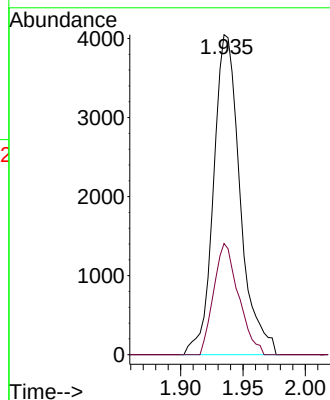
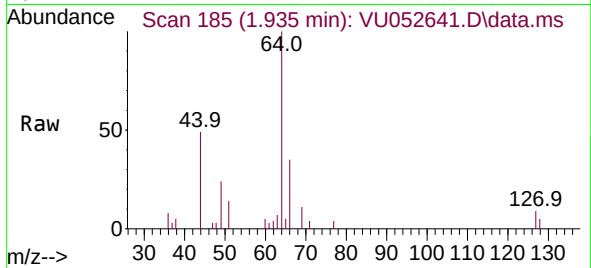




#8
Chloroethane
Concen: 0.497 ug/L
RT: 1.935 min Scan# 185
Delta R.T. -0.000 min
Lab File: VU052641.D
Acq: 10 Jan 2023 13:17

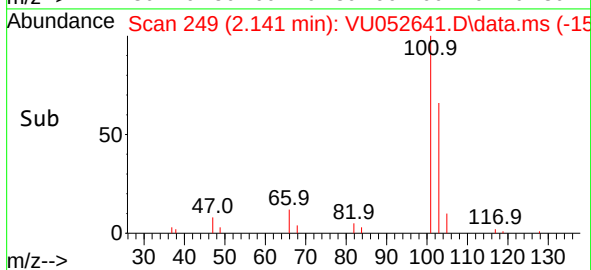
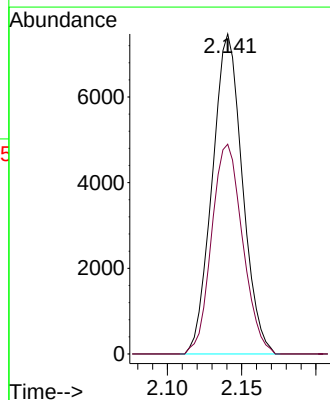
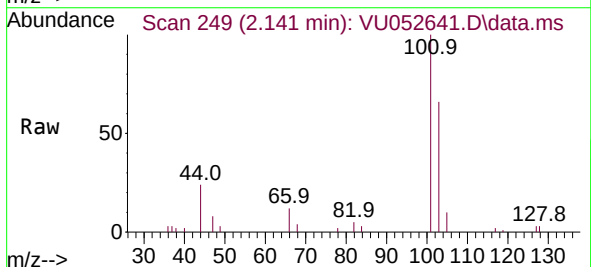
Instrument :
MSVOA_U
ClientSampleId :

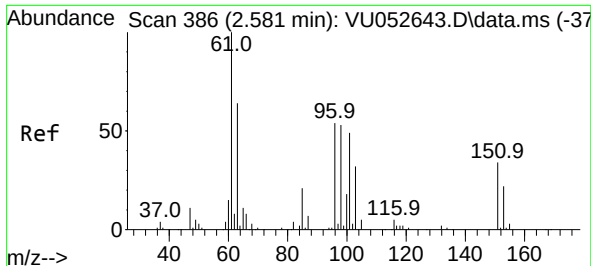
Tgt Ion: 64 Resp: 6018
Ion Ratio Lower Upper
64 100
66 34.8 21.6 40.2



#9
Trichlorofluoromethane
Concen: 0.513 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.000 min
Lab File: VU052641.D
Acq: 10 Jan 2023 13:17

Tgt Ion: 101 Resp: 10556
Ion Ratio Lower Upper
101 100
103 67.2 51.0 76.6

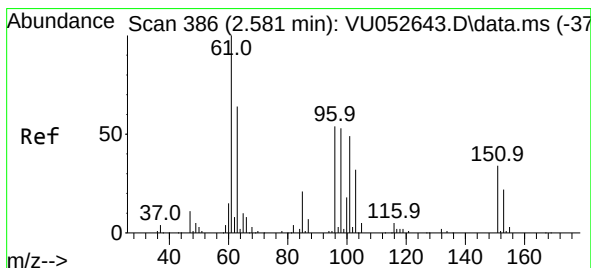
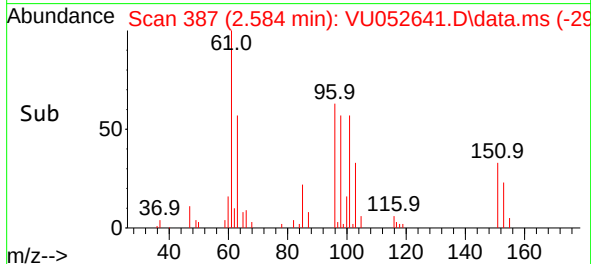
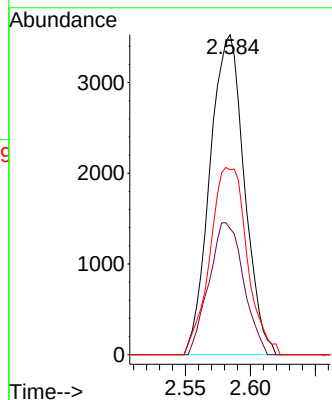
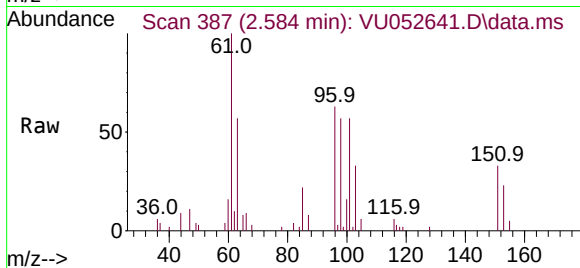




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.535 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU052641.D
Acq: 10 Jan 2023 13:17

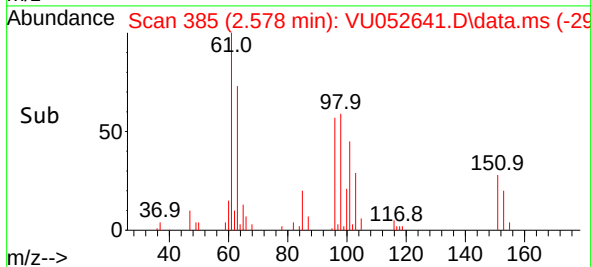
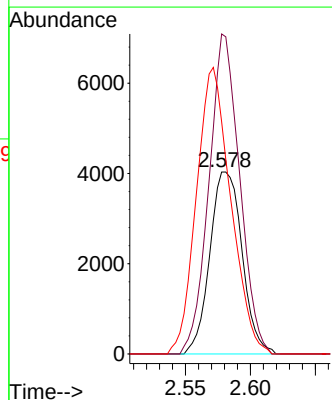
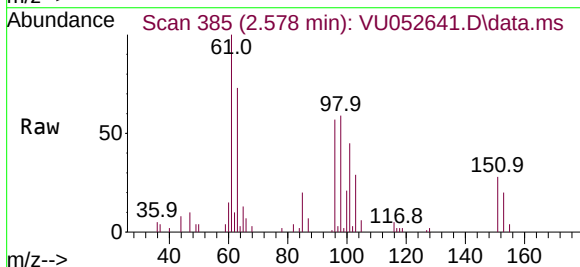
Instrument :
MSVOA_U
ClientSampleId :

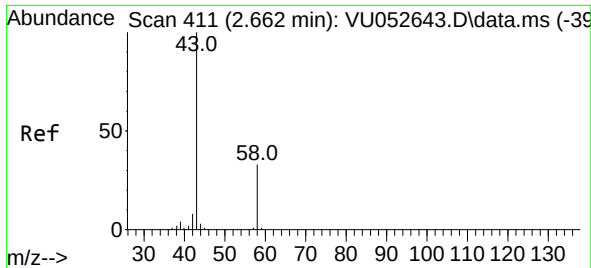
Tgt Ion:101 Resp: 6482
Ion Ratio Lower Upper
101 100
85 41.5 35.0 52.6
151 63.2 55.0 82.6



#12
1,1-Dichloroethene
Concen: 0.596 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU052641.D
Acq: 10 Jan 2023 13:17

Tgt Ion: 96 Resp: 6949
Ion Ratio Lower Upper
96 100
61 175.9 129.6 240.8
63 127.6 83.7 155.5





#13

Acetone

Concen: 1.809 ug/L

RT: 2.658 min Scan# 411

Delta R.T. -0.003 min

Lab File: VU052641.D

Acq: 10 Jan 2023 13:17

Instrument :

MSVOA_U

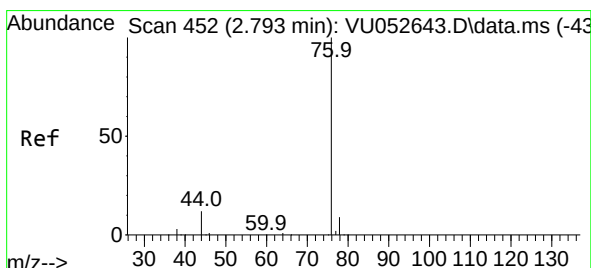
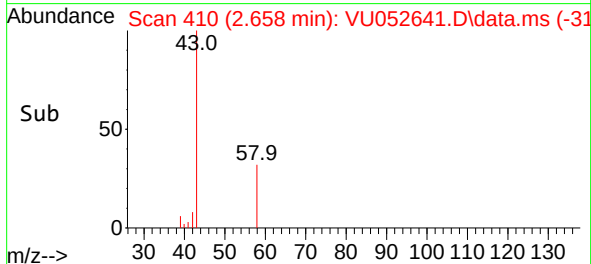
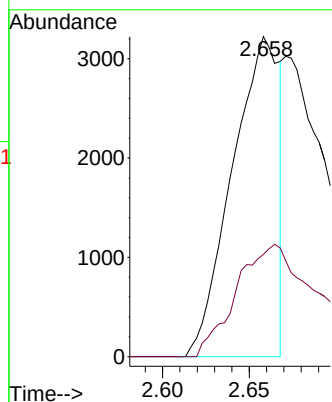
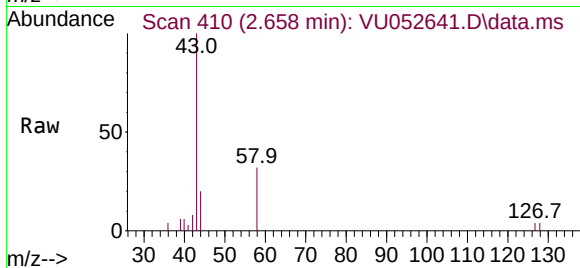
ClientSampleId :

Tgt Ion: 43 Resp: 6078

Ion Ratio Lower Upper

43 100

58 58.0 0.0 68.8



#14

Carbon disulfide

Concen: 0.585 ug/L

RT: 2.793 min Scan# 452

Delta R.T. -0.000 min

Lab File: VU052641.D

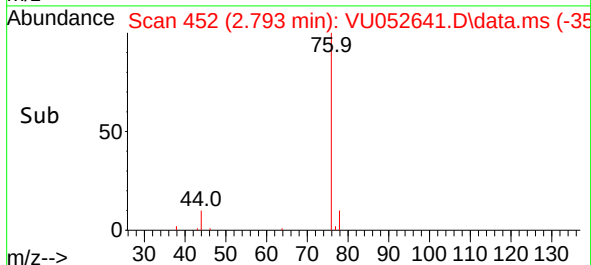
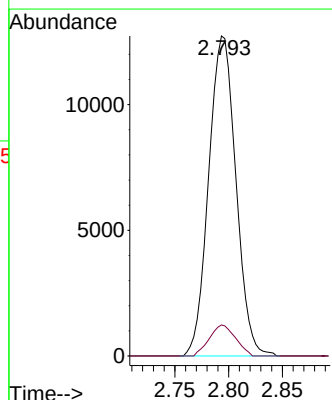
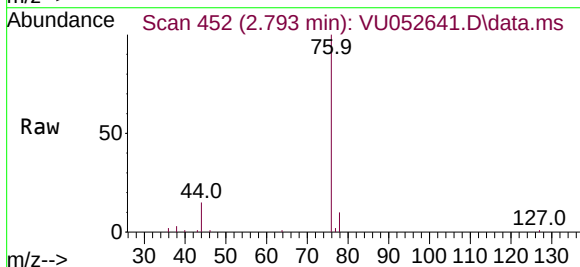
Acq: 10 Jan 2023 13:17

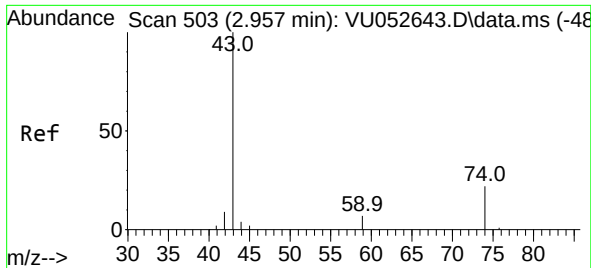
Tgt Ion: 76 Resp: 22447

Ion Ratio Lower Upper

76 100

78 9.7 7.0 10.6

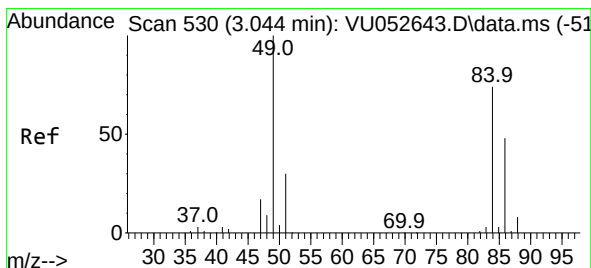
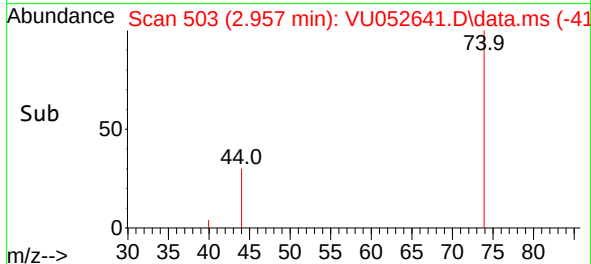
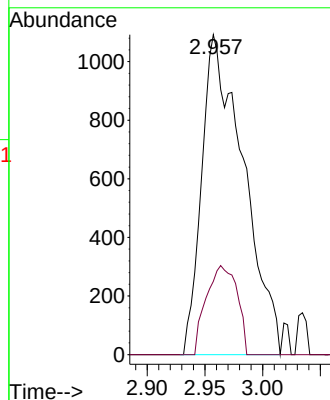
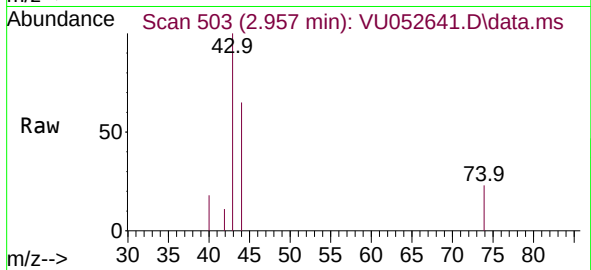




#15
Methyl Acetate
Concen: 0.359 ug/L
RT: 2.957 min Scan# 503
Delta R.T. -0.000 min
Lab File: VU052641.D
Acq: 10 Jan 2023 13:17

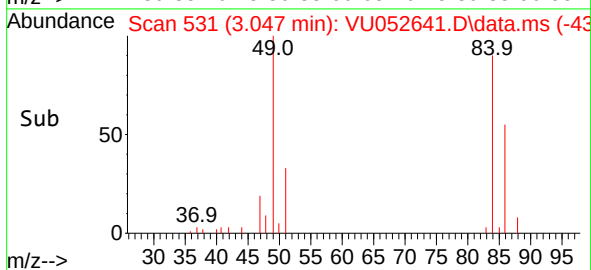
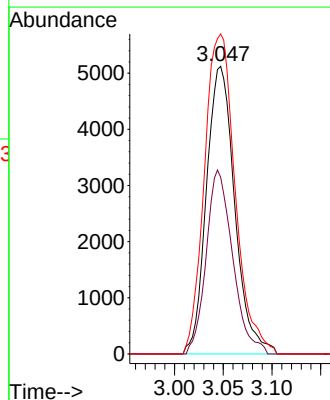
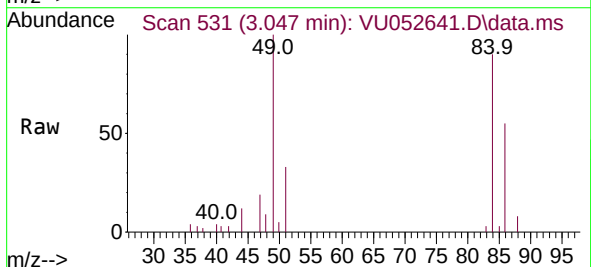
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MSVOA_U
ClientSampleId :

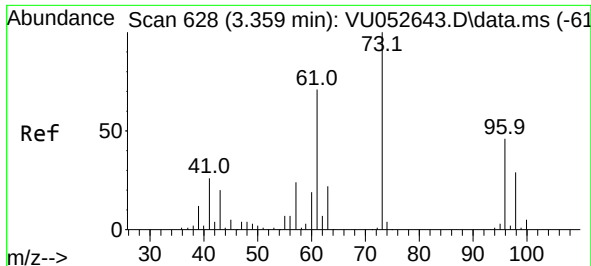
Tgt Ion: 43 Resp: 2732
Ion Ratio Lower Upper
43 100
74 20.5 17.5 26.3



#16
Methylene chloride
Concen: 0.620 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.003 min
Lab File: VU052641.D
Acq: 10 Jan 2023 13:17

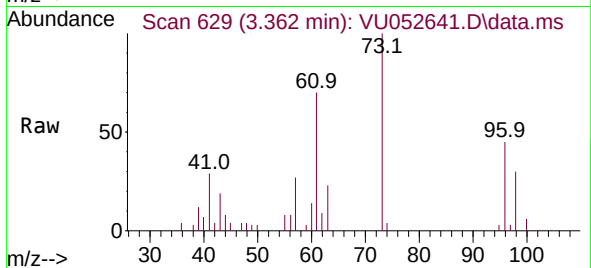
Tgt Ion: 84 Resp: 10355
Ion Ratio Lower Upper
84 100
86 61.4 45.6 84.6
49 111.2 94.8 176.0



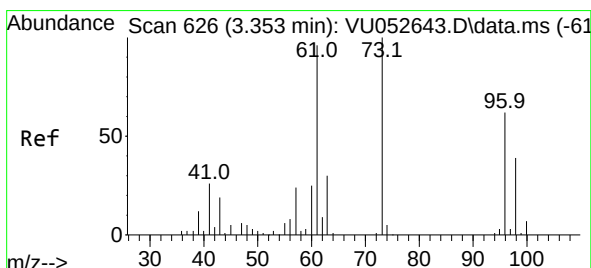
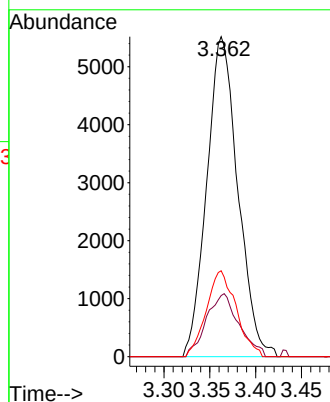
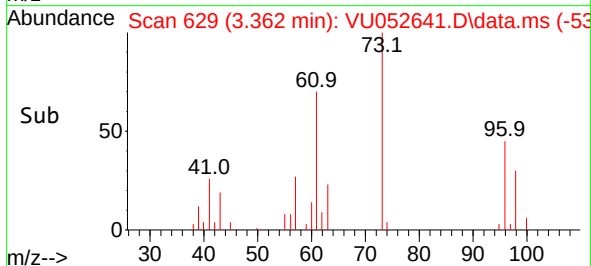


#17
Methyl tert-butyl Ether
Concen: 0.427 ug/L
RT: 3.362 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU052641.D
Acq: 10 Jan 2023 13:17

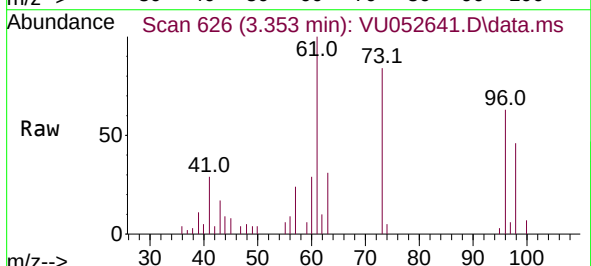
Instrument :
MSVOA_U
ClientSampleId :



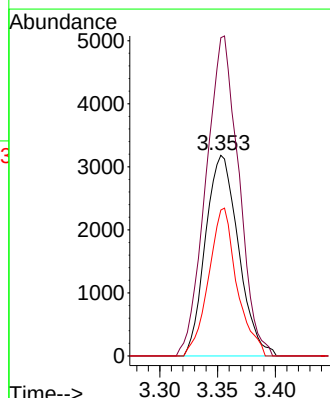
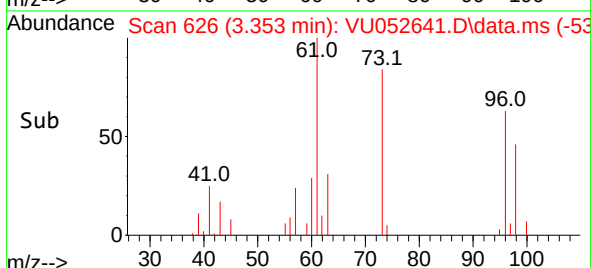
Tgt Ion: 73 Resp: 13009
Ion Ratio Lower Upper
73 100
43 20.6 15.8 23.8
57 25.7 18.6 28.0

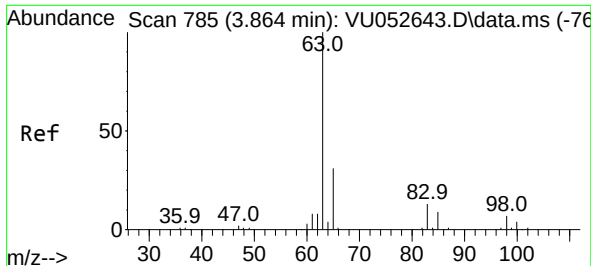


#18
trans-1,2-Dichloroethene
Concen: 0.525 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.000 min
Lab File: VU052641.D
Acq: 10 Jan 2023 13:17



Tgt Ion: 96 Resp: 6317
Ion Ratio Lower Upper
96 100
61 158.5 108.4 201.4
98 72.7 43.8 81.4





#19

1,1-Dichloroethane

Concen: 0.554 ug/L

RT: 3.867 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU052641.D

Acq: 10 Jan 2023 13:17

Instrument :

MSVOA_U

ClientSampleId :

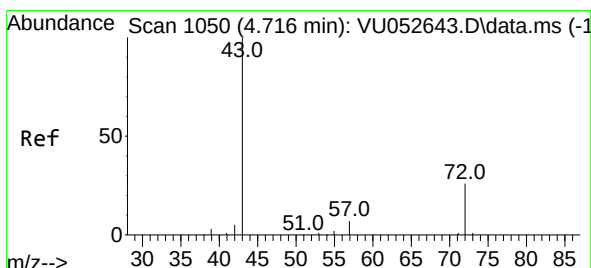
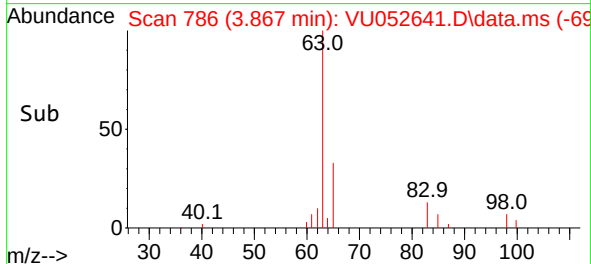
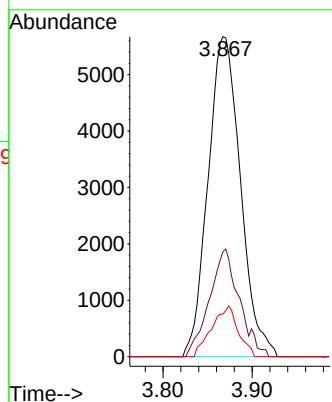
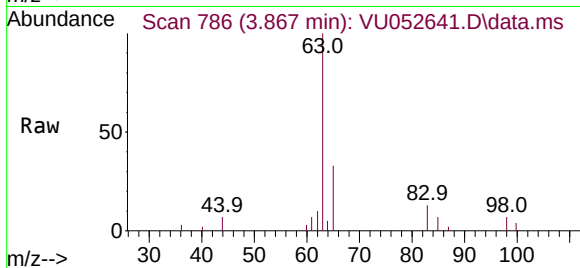
Tgt Ion: 63 Resp: 14360

Ion Ratio Lower Upper

63 100

65 32.8 22.0 41.0

83 13.3 8.9 16.5



#21

2-Butanone

Concen: 3.383 ug/L

RT: 4.729 min Scan# 1054

Delta R.T. 0.013 min

Lab File: VU052641.D

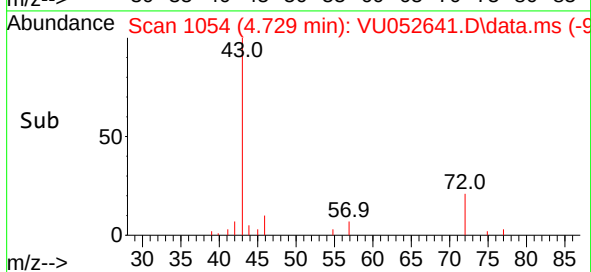
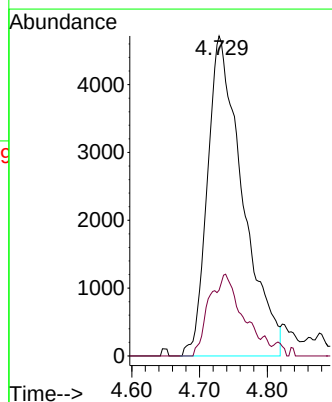
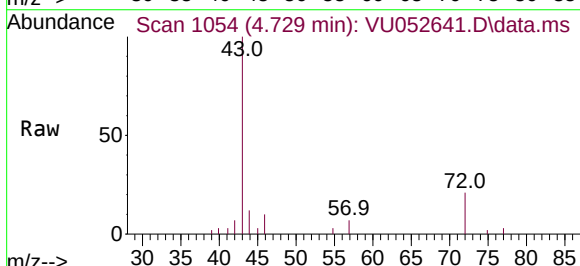
Acq: 10 Jan 2023 13:17

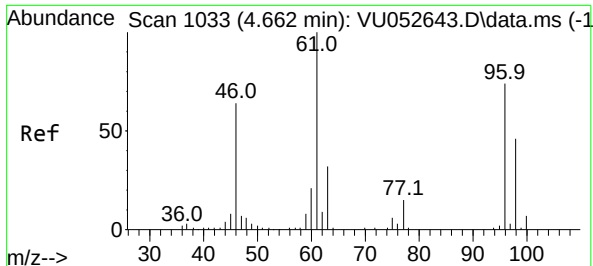
Tgt Ion: 43 Resp: 16999

Ion Ratio Lower Upper

43 100

72 23.7 12.9 38.6





#22

cis-1,2-Dichloroethene

Concen: 0.520 ug/L

RT: 4.665 min Scan# 1103

Delta R.T. 0.003 min

Lab File: VU052641.D

Acq: 10 Jan 2023 13:17

Instrument :

MSVOA_U

ClientSampleId :

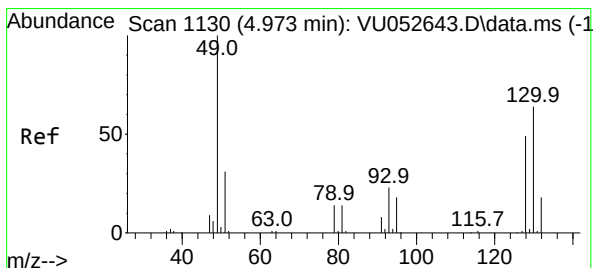
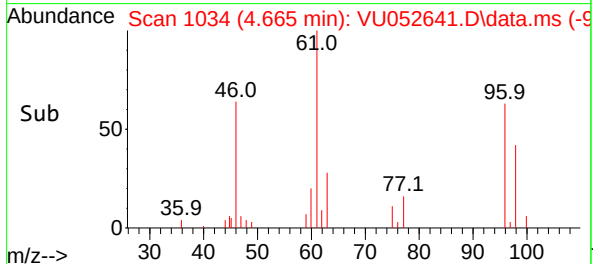
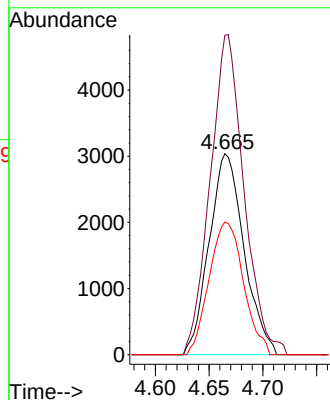
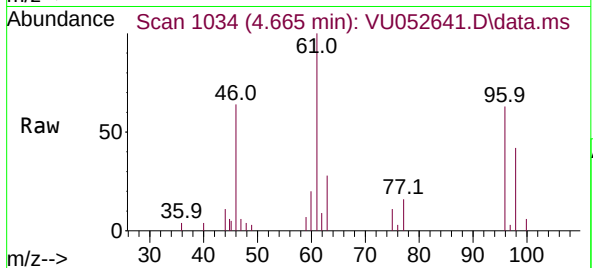
Tgt Ion: 96 Resp: 6855

Ion Ratio Lower Upper

96 100

61 159.0 94.6 175.8

98 66.0 43.3 80.3



#23

Bromochloromethane

Concen: 0.478 ug/L

RT: 4.976 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VU052641.D

Acq: 10 Jan 2023 13:17

Tgt Ion:128 Resp: 2860

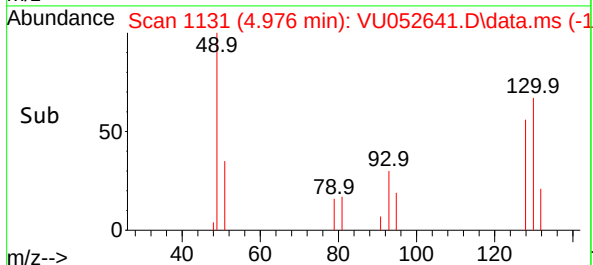
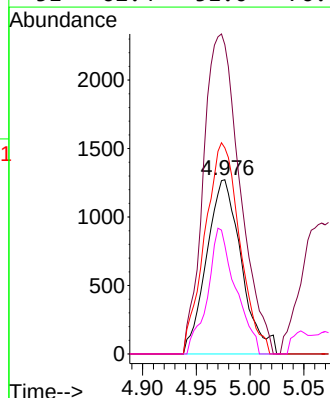
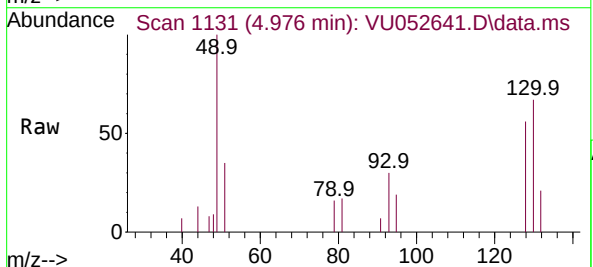
Ion Ratio Lower Upper

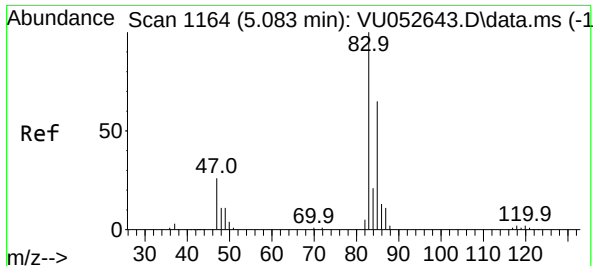
128 100

49 177.5 142.8 265.2

130 118.2 91.3 169.5

51 62.4 51.0 76.4





#25

Chloroform

Concen: 0.578 ug/L

RT: 5.086 min Scan# 1164

Delta R.T. 0.003 min

Lab File: VU052641.D

Acq: 10 Jan 2023 13:17

Instrument :

MSVOA_U

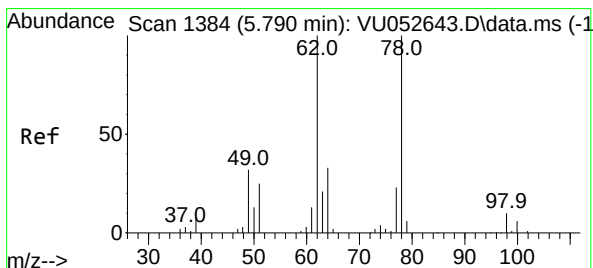
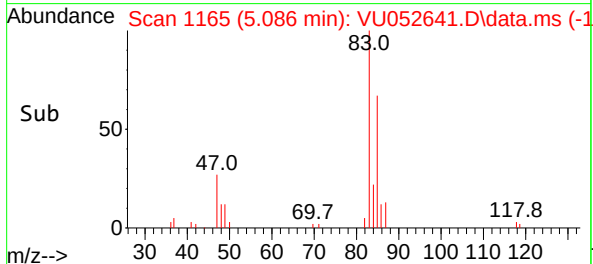
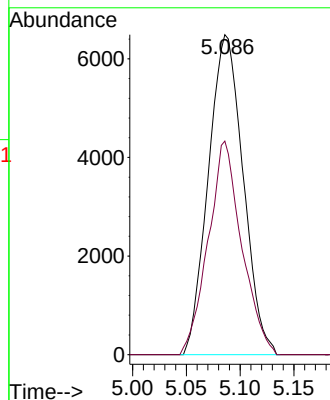
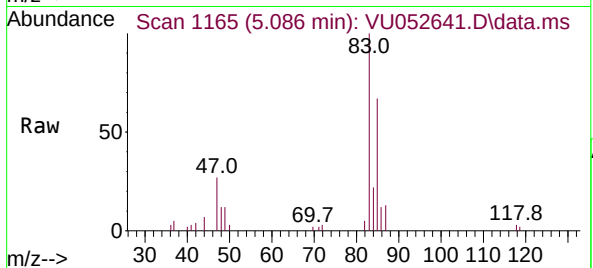
ClientSampleId :

Tgt Ion: 83 Resp: 14607

Ion Ratio Lower Upper

83 100

85 66.7 45.6 84.6



#27

1,2-Dichloroethane

Concen: 0.468 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VU052641.D

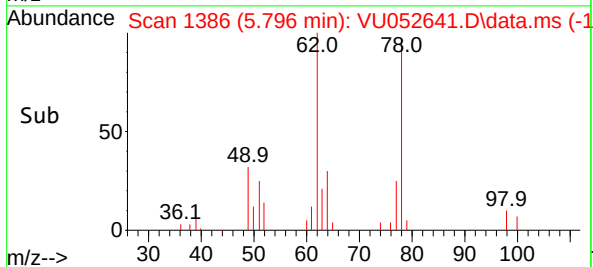
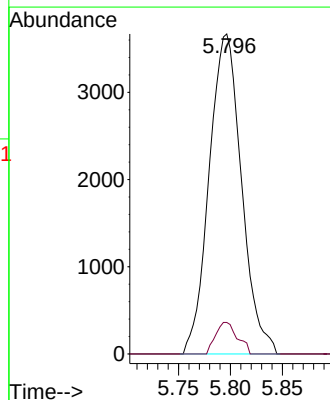
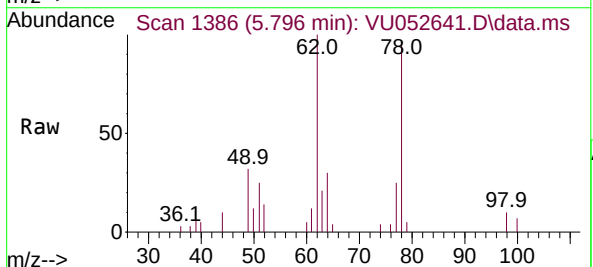
Acq: 10 Jan 2023 13:17

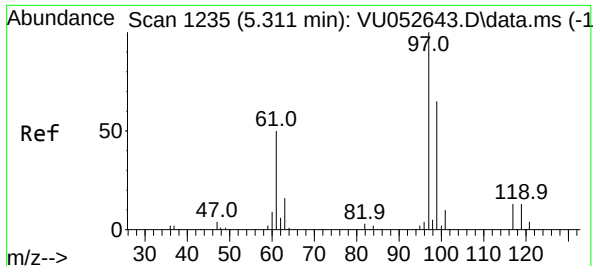
Tgt Ion: 62 Resp: 7955

Ion Ratio Lower Upper

62 100

98 9.9 7.5 11.3

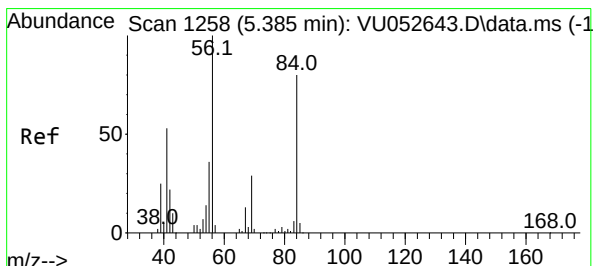
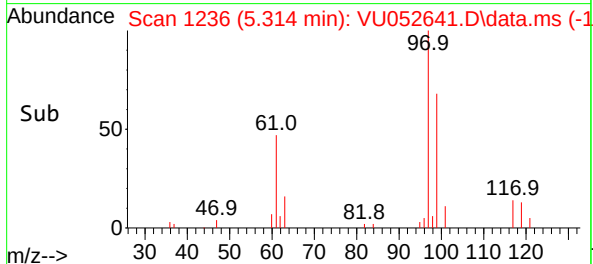
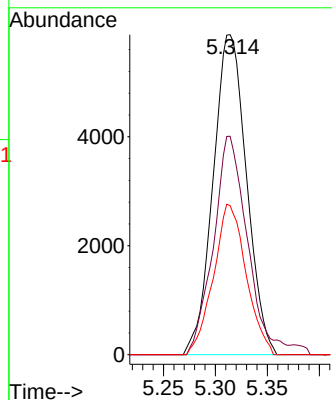
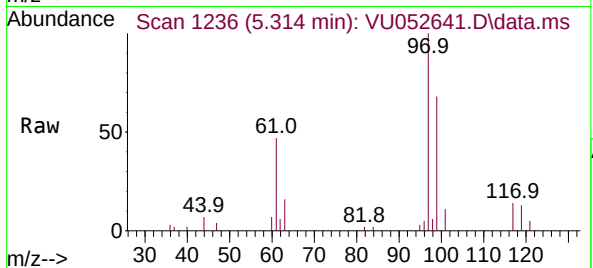




#29
1,1,1-Trichloroethane
Concen: 0.676 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. 0.003 min
Lab File: VU052641.D
Acq: 10 Jan 2023 13:17

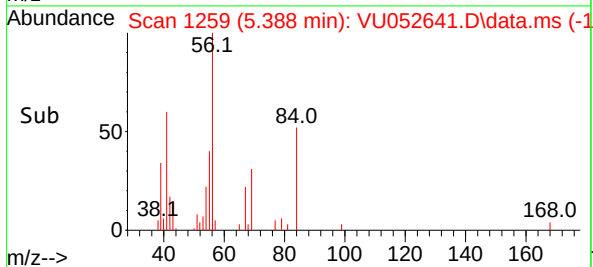
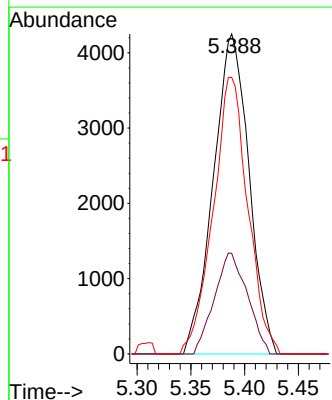
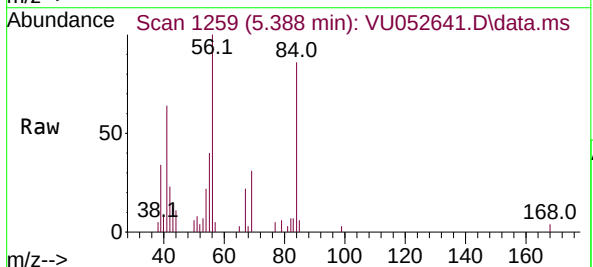
Instrument :
MSVOA_U
ClientSampleId :

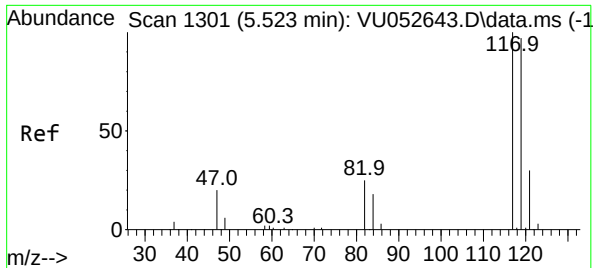
Tgt Ion: 97	Resp: 13159
Ion Ratio	Lower Upper
97 100	
99 69.3	52.4 78.6
61 45.9	38.5 57.7



#30
Cyclohexane
Concen: 0.465 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. 0.003 min
Lab File: VU052641.D
Acq: 10 Jan 2023 13:17

Tgt Ion: 56	Resp: 9795
Ion Ratio	Lower Upper
56 100	
69 29.2	23.8 35.8
84 84.1	66.2 99.4

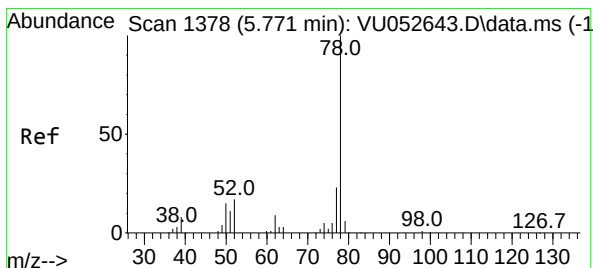
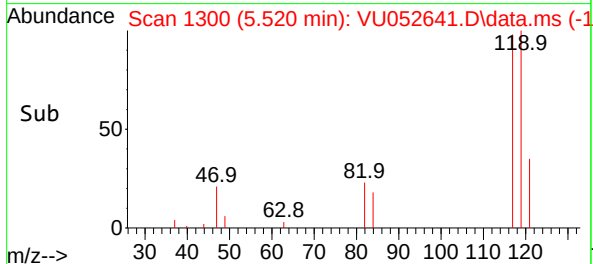
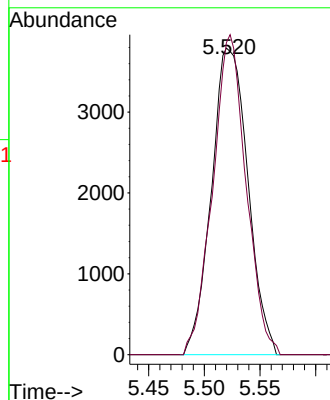
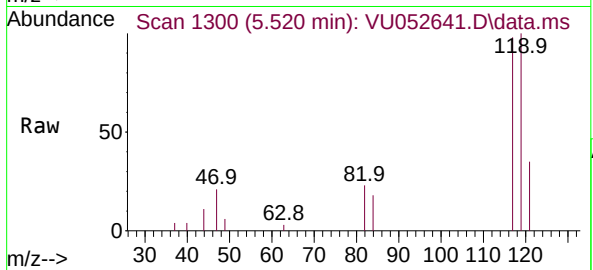




#31
Carbon tetrachloride
Concen: 0.510 ug/L
RT: 5.520 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU052641.D
Acq: 10 Jan 2023 13:17

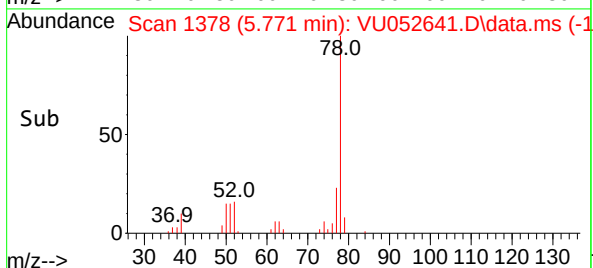
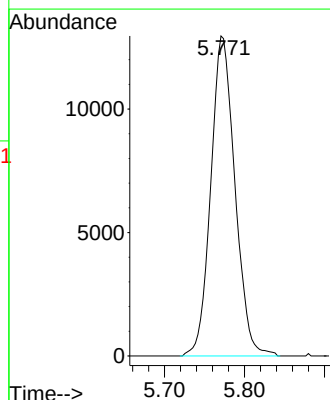
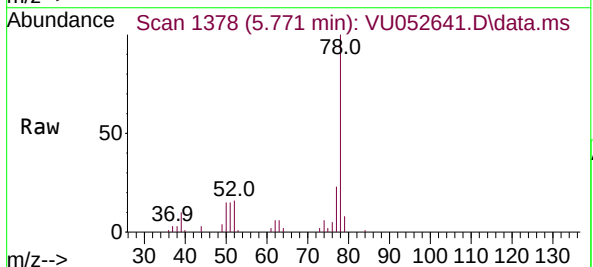
Instrument :
MSVOA_U
ClientSampleId :

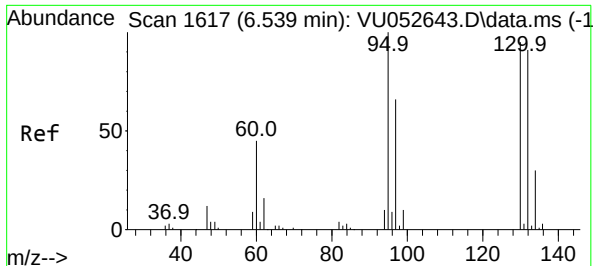
Tgt Ion:117 Resp: 8635
Ion Ratio Lower Upper
117 100
119 95.5 77.8 116.8



#33
Benzene
Concen: 0.493 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU052641.D
Acq: 10 Jan 2023 13:17

Tgt Ion: 78 Resp: 27225

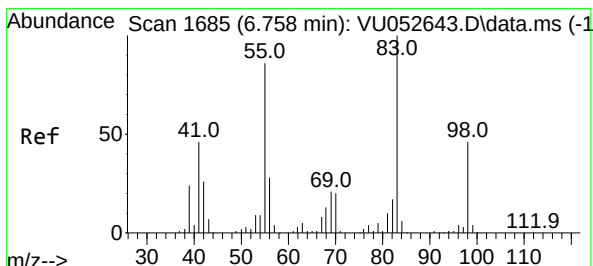
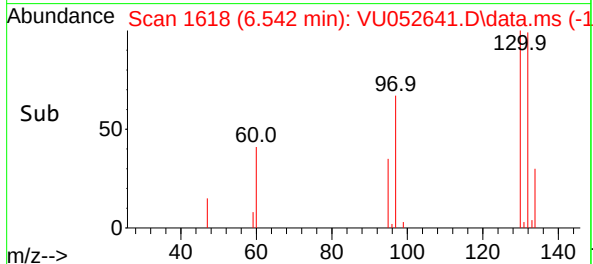
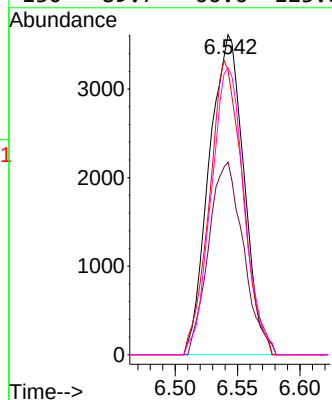
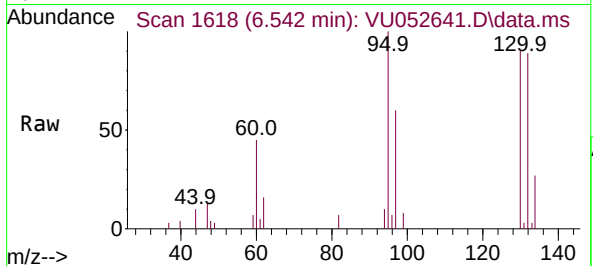




#34
Trichloroethene
Concen: 0.544 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU052641.D
Acq: 10 Jan 2023 13:17

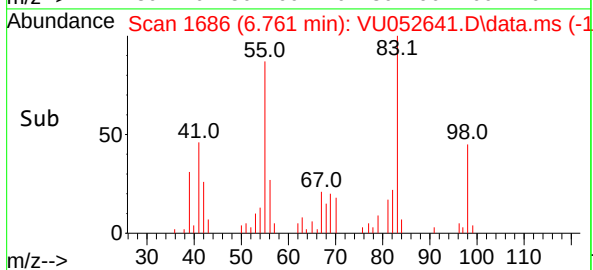
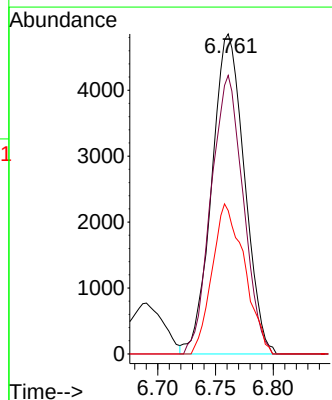
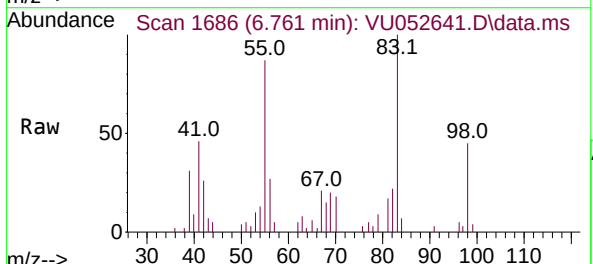
Instrument :
MSVOA_U
ClientSampleId :

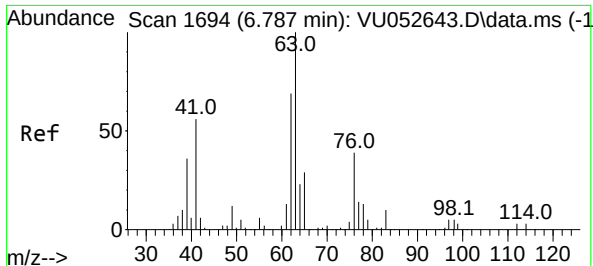
Tgt Ion: 95 Resp: 7003
Ion Ratio Lower Upper
95 100
97 60.2 46.0 85.4
132 88.9 64.0 118.8
130 89.7 66.6 123.8



#35
Methylcyclohexane
Concen: 0.482 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.003 min
Lab File: VU052641.D
Acq: 10 Jan 2023 13:17

Tgt Ion: 83 Resp: 9541
Ion Ratio Lower Upper
83 100
55 85.5 67.6 101.4
98 46.6 37.1 55.7

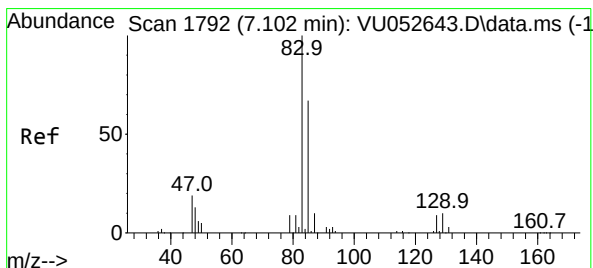
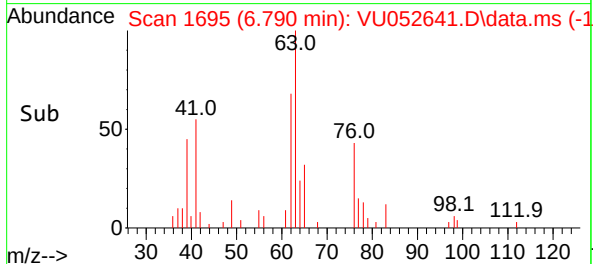
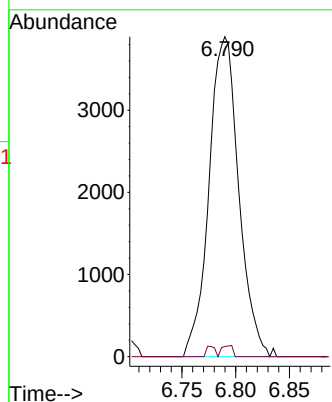
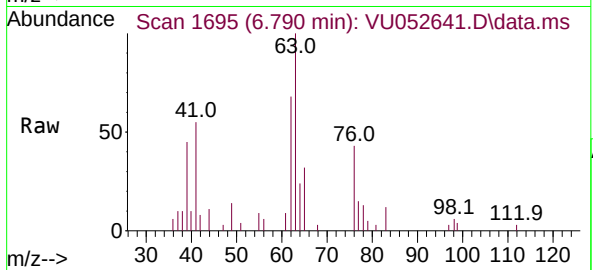




#37
1,2-Dichloropropane
Concen: 0.492 ug/L
RT: 6.790 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU052641.D
Acq: 10 Jan 2023 13:17

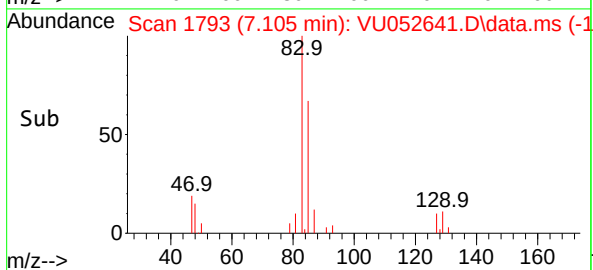
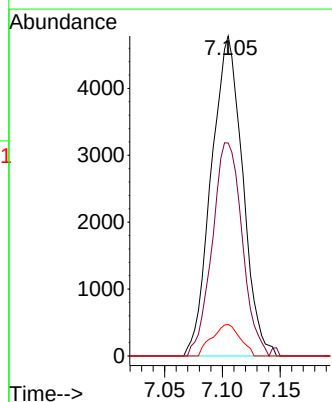
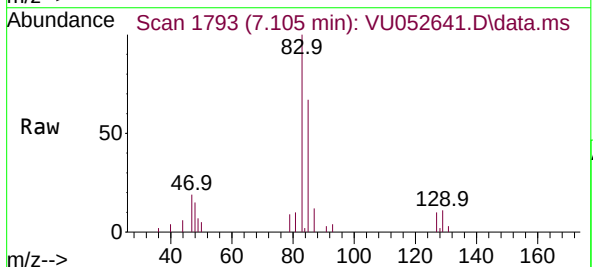
Instrument :
MSVOA_U
ClientSampleId :

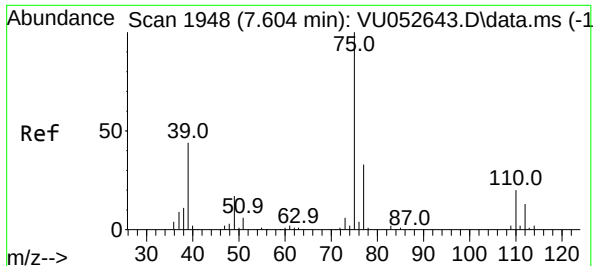
Tgt Ion: 63 Resp: 7498
Ion Ratio Lower Upper
63 100
112 1.3 2.9 4.3#



#38
Bromodichloromethane
Concen: 0.489 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. 0.003 min
Lab File: VU052641.D
Acq: 10 Jan 2023 13:17

Tgt Ion: 83 Resp: 9026
Ion Ratio Lower Upper
83 100
85 66.5 47.0 87.4
127 9.8 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 0.452 ug/L

RT: 7.607 min Scan# 1948

Delta R.T. 0.003 min

Lab File: VU052641.D

Acq: 10 Jan 2023 13:17

Instrument :

MSVOA_U

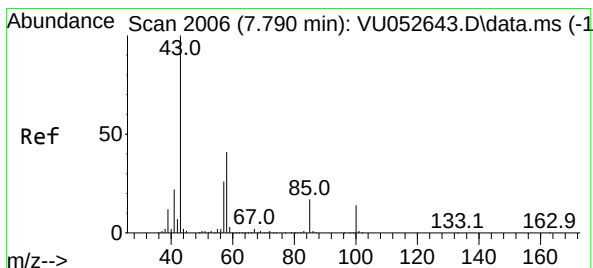
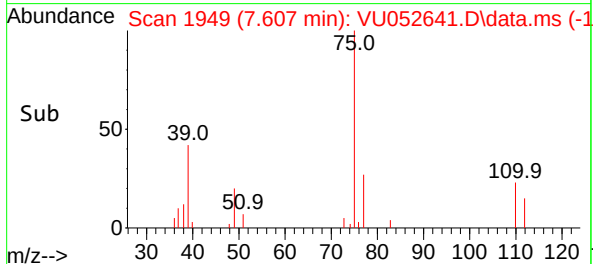
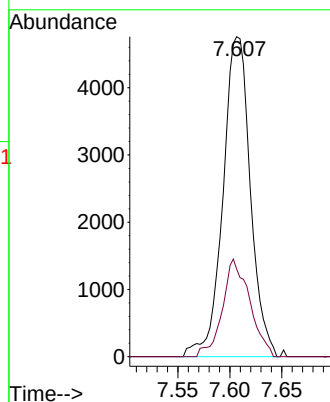
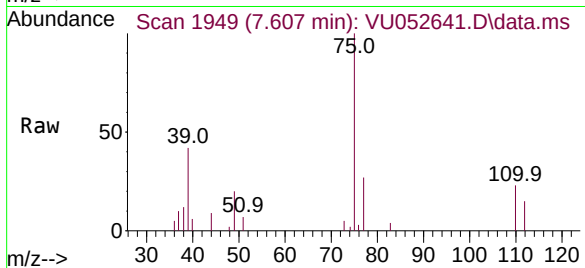
ClientSampleId :

Tgt Ion: 75 Resp: 8739

Ion Ratio Lower Upper

75 100

77 27.3 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 3.255 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU052641.D

Acq: 10 Jan 2023 13:17

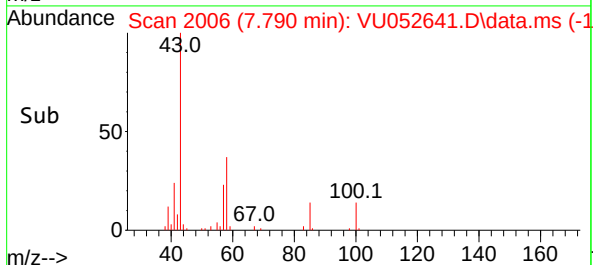
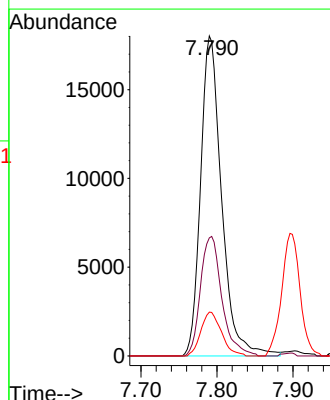
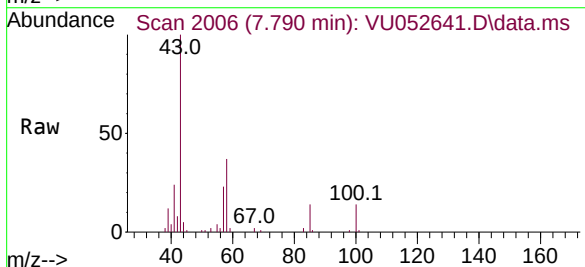
Tgt Ion: 43 Resp: 34673

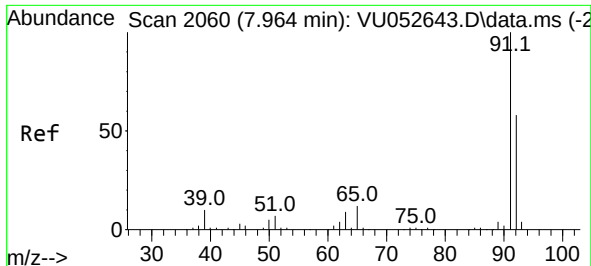
Ion Ratio Lower Upper

43 100

58 38.0 32.0 48.0

100 13.5 11.3 16.9





#42

Toluene

Concen: 0.473 ug/L

RT: 7.967 min Scan# 2060

Delta R.T. 0.003 min

Lab File: VU052641.D

Acq: 10 Jan 2023 13:17

Instrument :

MSVOA_U

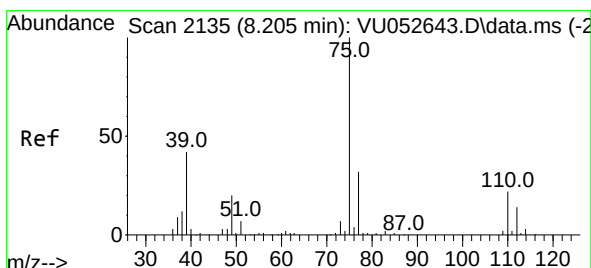
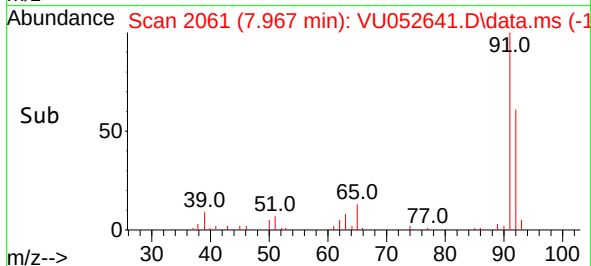
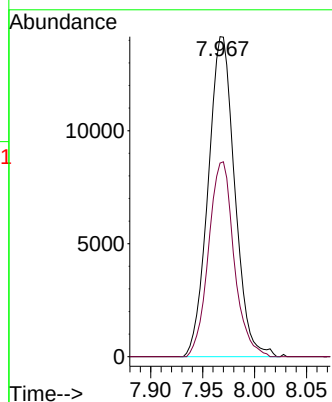
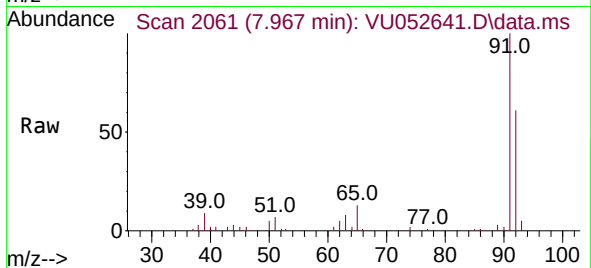
ClientSampleId :

Tgt Ion: 91 Resp: 25174

Ion Ratio Lower Upper

91 100

92 60.5 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 0.431 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.003 min

Lab File: VU052641.D

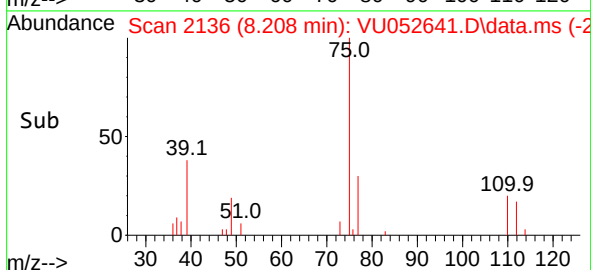
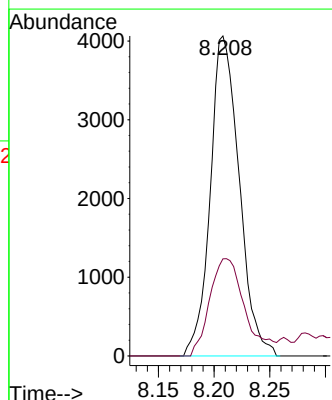
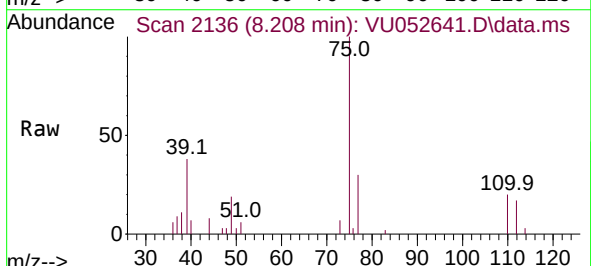
Acq: 10 Jan 2023 13:17

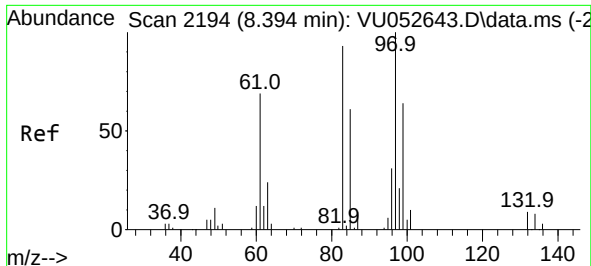
Tgt Ion: 75 Resp: 7341

Ion Ratio Lower Upper

75 100

77 30.4 22.3 41.5





#45

1,1,2-Trichloroethane

Concen: 0.467 ug/L

RT: 8.398 min Scan# 2195

Delta R.T. 0.003 min

Lab File: VU052641.D

Acq: 10 Jan 2023 13:17

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 4916

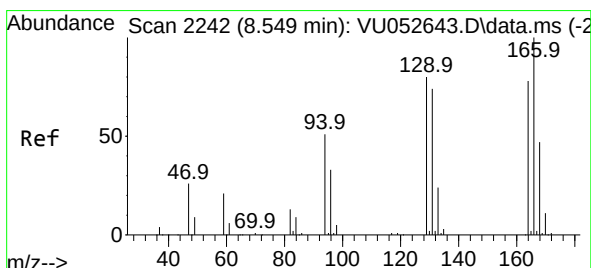
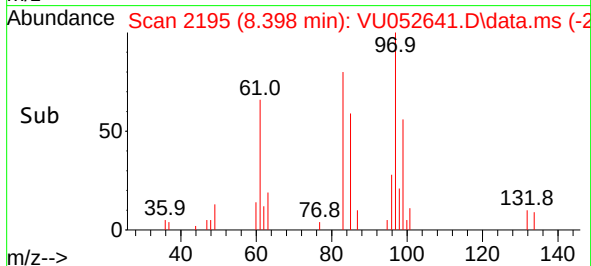
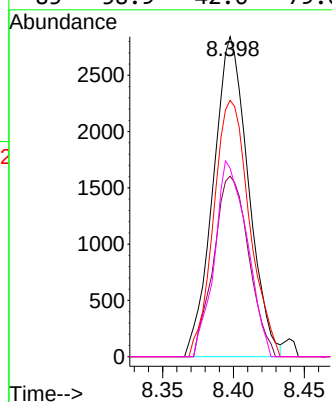
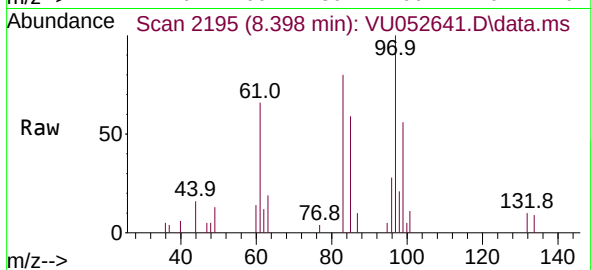
Ion Ratio Lower Upper

97 100

99 56.4 44.8 83.2

83 80.1 65.3 121.3

85 58.9 42.6 79.0



#47

Tetrachloroethene

Concen: 0.537 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.003 min

Lab File: VU052641.D

Acq: 10 Jan 2023 13:17

Tgt Ion: 164 Resp: 4872

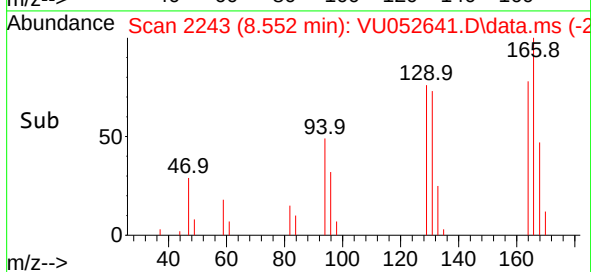
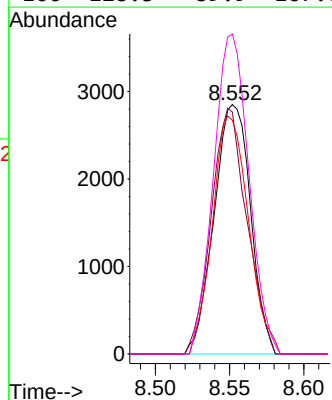
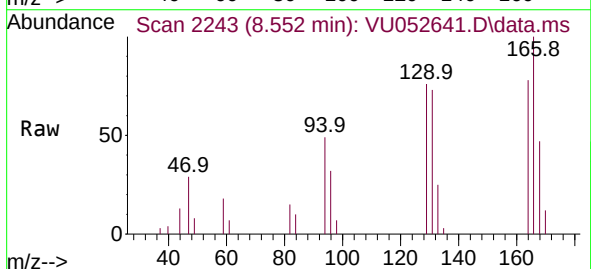
Ion Ratio Lower Upper

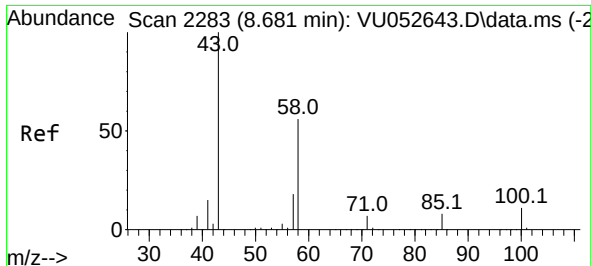
164 100

129 97.0 71.8 133.4

131 93.7 66.6 123.6

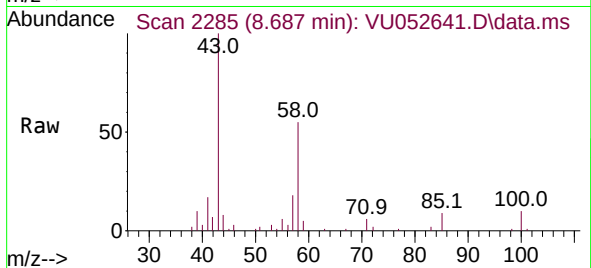
166 128.3 89.9 167.0



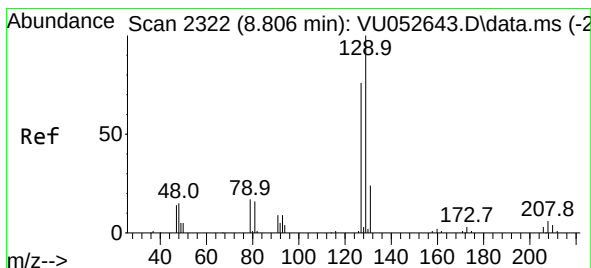
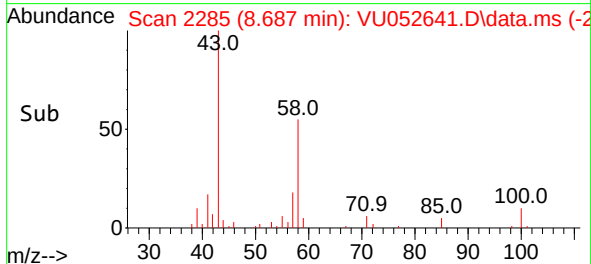
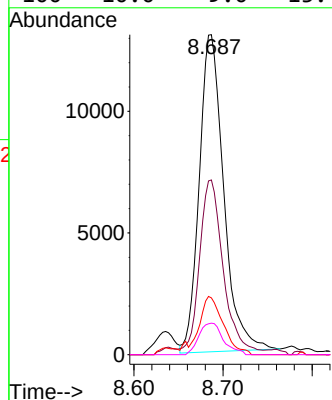


#48
2-Hexanone
Concen: 3.112 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU052641.D
Acq: 10 Jan 2023 13:17

Instrument :
MSVOA_U
ClientSampleId :

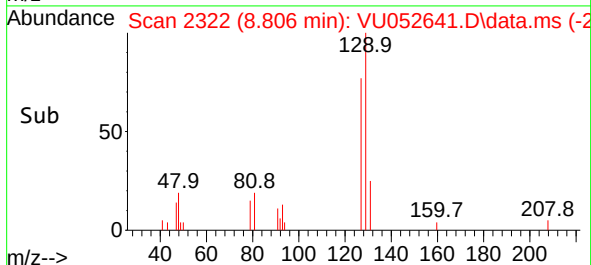
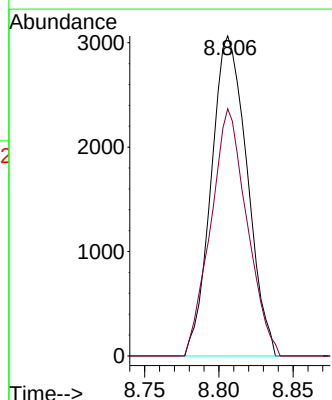
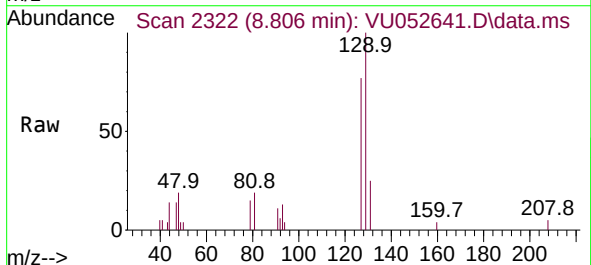


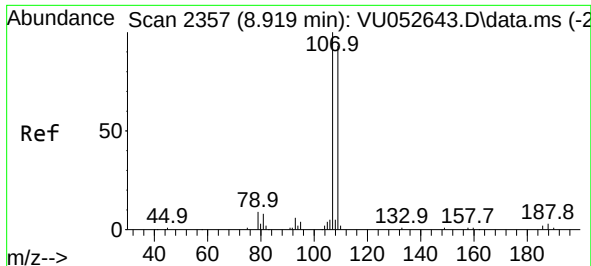
Tgt Ion: 43 Resp: 24853
Ion Ratio Lower Upper
43 100
58 51.3 45.1 67.7
57 17.6 15.1 22.7
100 10.0 9.0 13.4



#49
Dibromochloromethane
Concen: 0.451 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VU052641.D
Acq: 10 Jan 2023 13:17

Tgt Ion: 129 Resp: 5150
Ion Ratio Lower Upper
129 100
127 77.2 53.5 99.5





#50

1,2-Dibromoethane

Concen: 0.425 ug/L

RT: 8.918 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU052641.D

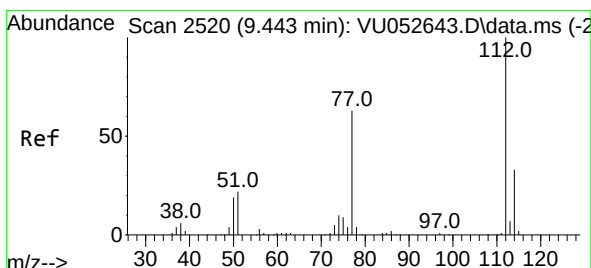
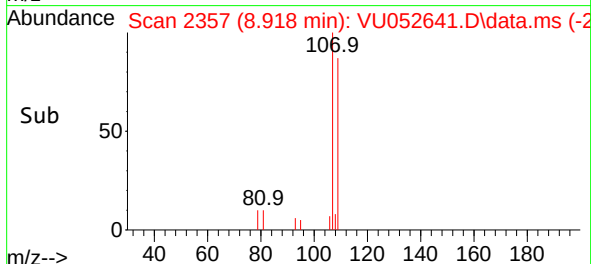
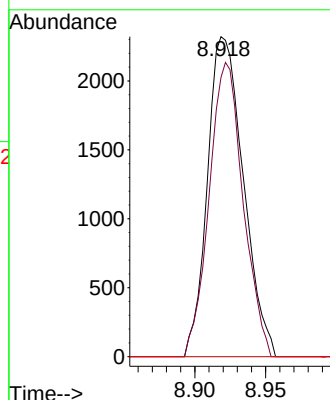
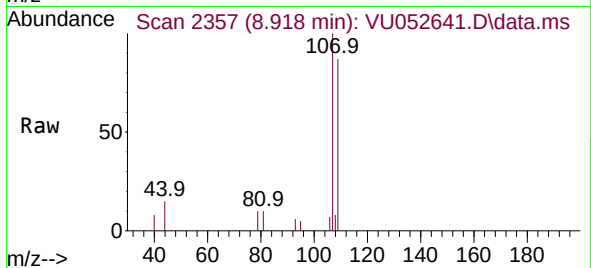
Acq: 10 Jan 2023 13:17

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	4095
Ion	Ratio	Lower Upper
107	100	
109	87.3	65.3 121.3
188	0.0	2.4 3.6#



#51

Chlorobenzene

Concen: 0.520 ug/L

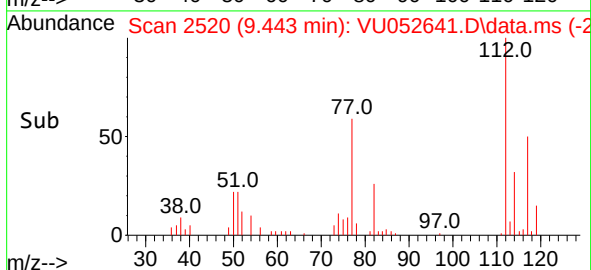
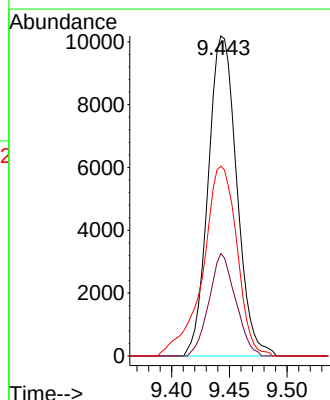
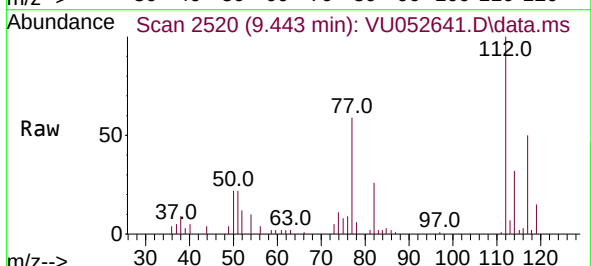
RT: 9.443 min Scan# 2520

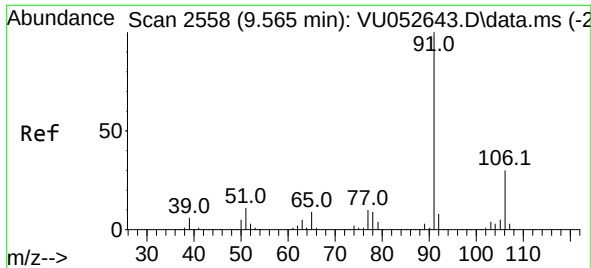
Delta R.T. -0.000 min

Lab File: VU052641.D

Acq: 10 Jan 2023 13:17

Tgt Ion:112	Resp:	17510
Ion	Ratio	Lower Upper
112	100	
114	32.0	22.8 42.4
77	59.3	50.2 75.4

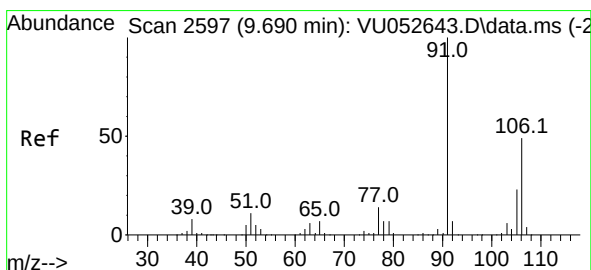
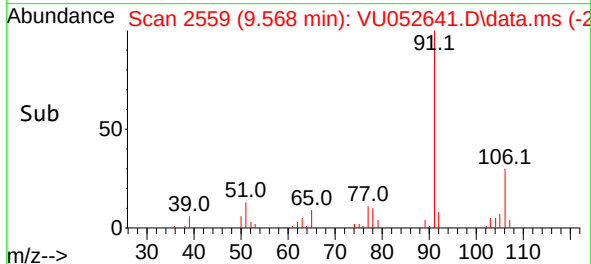
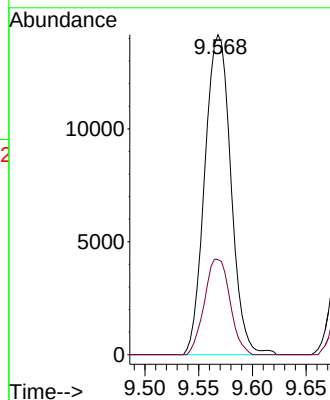
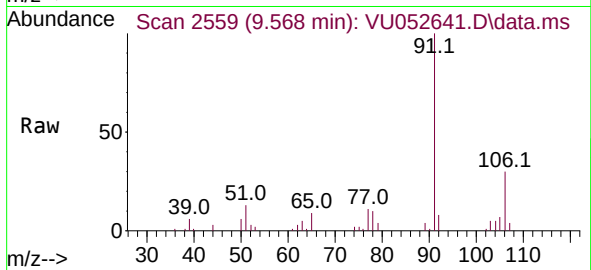




#52
Ethylbenzene
Concen: 0.436 ug/L
RT: 9.568 min Scan# 2558
Delta R.T. 0.003 min
Lab File: VU052641.D
Acq: 10 Jan 2023 13:17

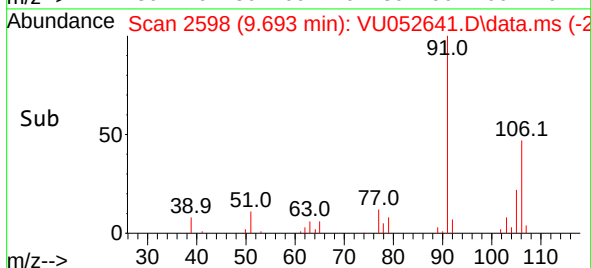
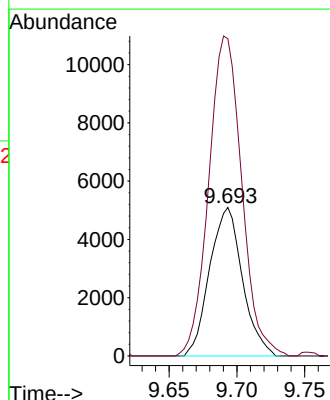
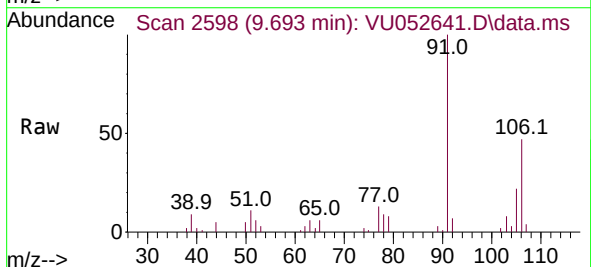
Instrument :
MSVOA_U
ClientSampleId :

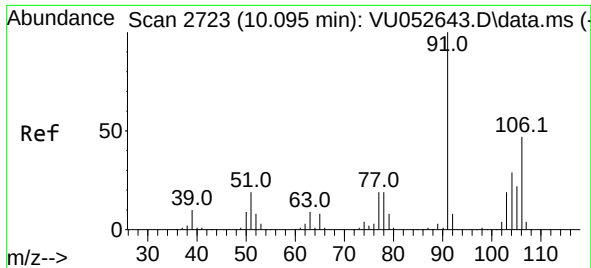
Tgt Ion: 91 Resp: 23954
Ion Ratio Lower Upper
91 100
106 29.7 21.1 39.3



#53
m,p-Xylene
Concen: 0.419 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.003 min
Lab File: VU052641.D
Acq: 10 Jan 2023 13:17

Tgt Ion: 106 Resp: 8569
Ion Ratio Lower Upper
106 100
91 213.5 144.3 267.9

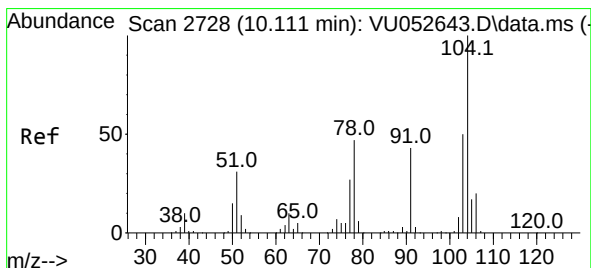
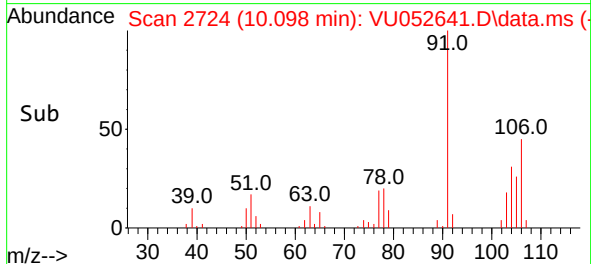
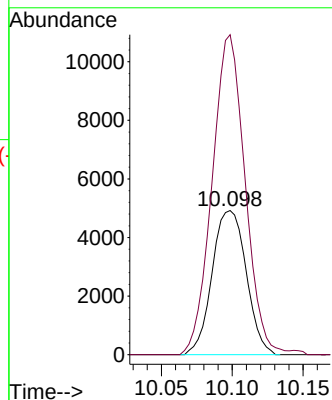
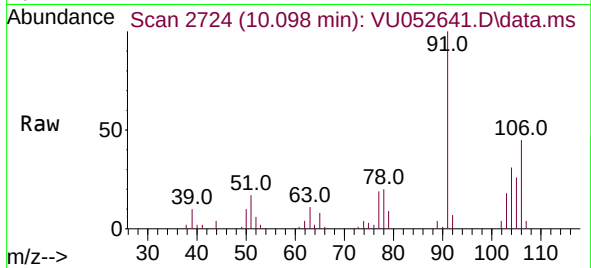




#54
o-Xylene
Concen: 0.421 ug/L
RT: 10.098 min Scan# 2723
Delta R.T. 0.003 min
Lab File: VU052641.D
Acq: 10 Jan 2023 13:17

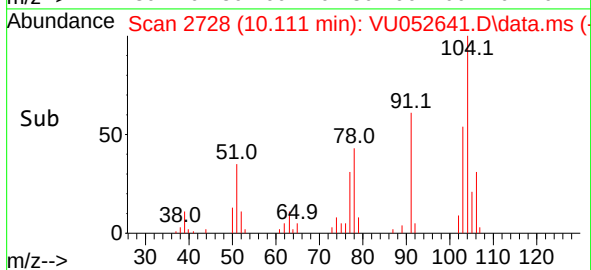
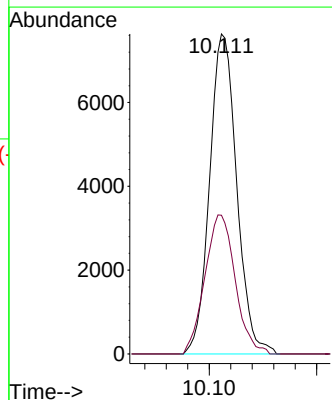
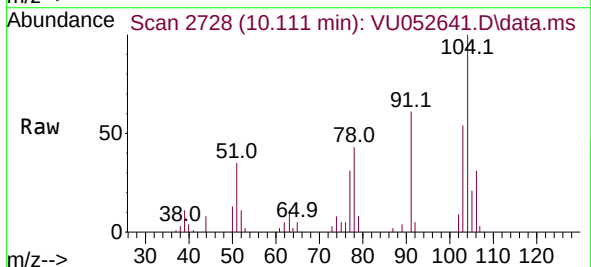
Instrument :
MSVOA_U
ClientSampleId :

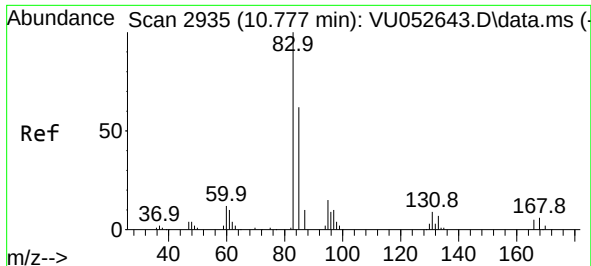
Tgt Ion:106 Resp: 8241
Ion Ratio Lower Upper
106 100
91 221.9 148.7 276.1



#55
Styrene
Concen: 0.394 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU052641.D
Acq: 10 Jan 2023 13:17

Tgt Ion:104 Resp: 13376
Ion Ratio Lower Upper
104 100
78 43.4 32.8 60.8





#57

1,1,2,2-Tetrachloroethane

Concen: 0.414 ug/L

RT: 10.780 min Scan# 2935

Delta R.T. 0.003 min

Lab File: VU052641.D

Acq: 10 Jan 2023 13:17

Instrument :

MSVOA_U

ClientSampleId :

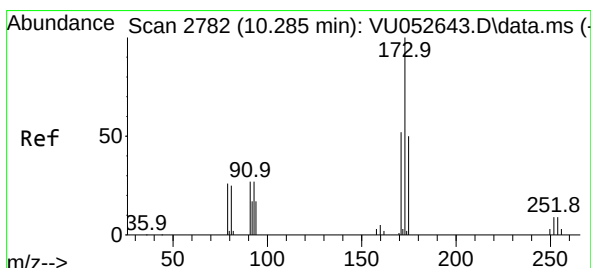
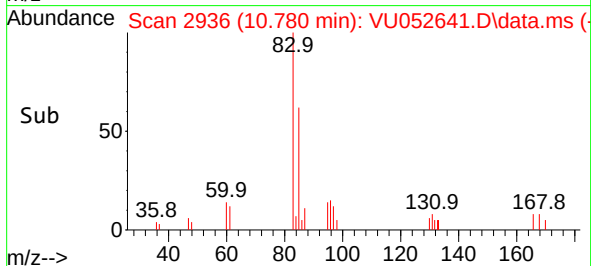
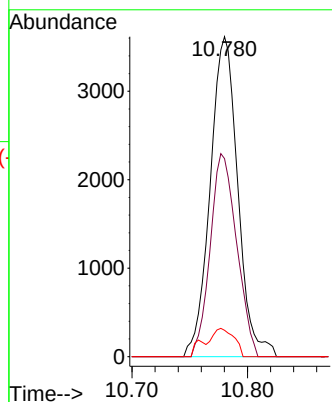
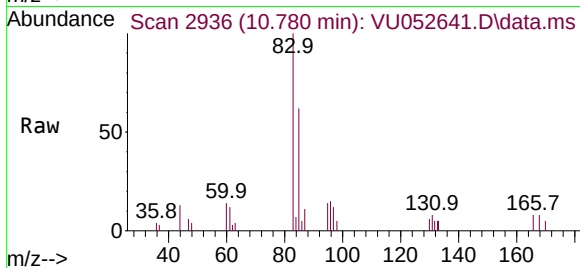
Tgt Ion: 83 Resp: 6017

Ion Ratio Lower Upper

83 100

85 61.9 43.7 81.1

131 8.2 7.0 10.6



#59

Bromoform

Concen: 0.423 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. 0.003 min

Lab File: VU052641.D

Acq: 10 Jan 2023 13:17

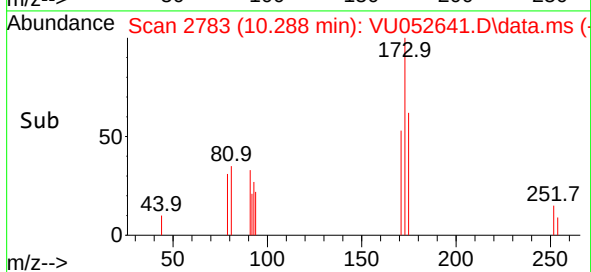
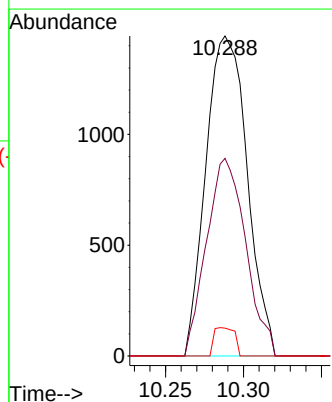
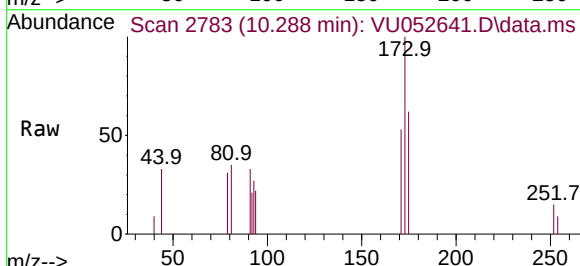
Tgt Ion:173 Resp: 2663

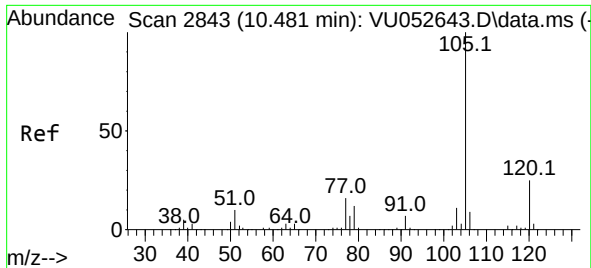
Ion Ratio Lower Upper

173 100

175 58.6 38.2 57.4#

254 4.4 7.3 10.9#

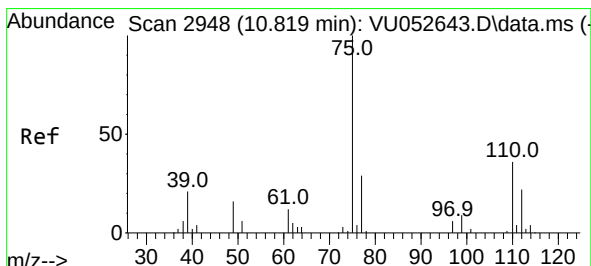
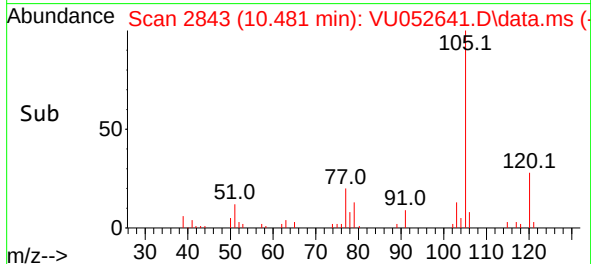
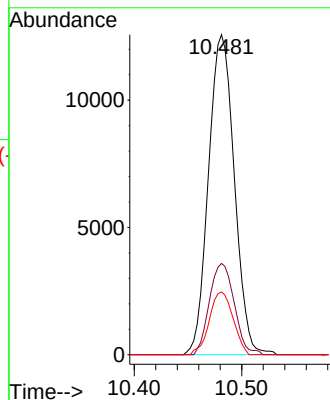
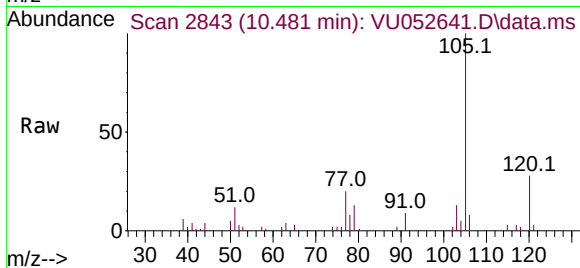




#60
Isopropylbenzene
Concen: 0.440 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU052641.D
Acq: 10 Jan 2023 13:17

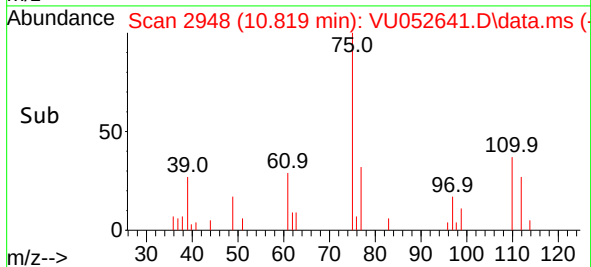
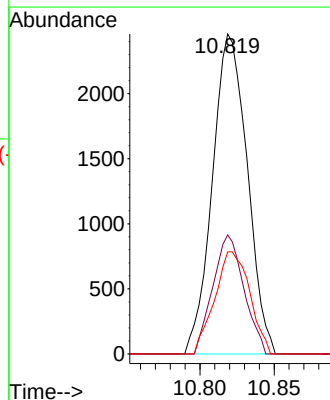
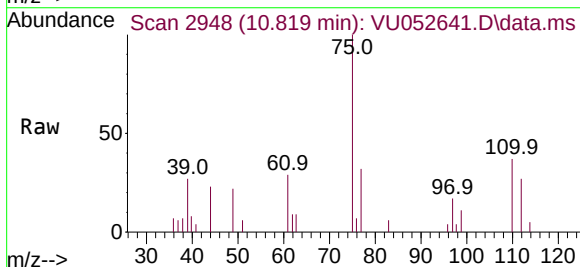
Instrument :
MSVOA_U
ClientSampleId :

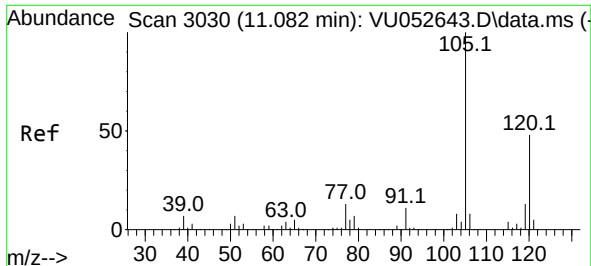
Tgt Ion:	105	Resp:	20986
Ion Ratio	Lower	Upper	
105	100		
120	27.4	20.4	30.6
77	18.0	13.2	19.8



#61
1,2,3-Trichloropropane
Concen: 0.397 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.000 min
Lab File: VU052641.D
Acq: 10 Jan 2023 13:17

Tgt Ion:	75	Resp:	4005
Ion Ratio	Lower	Upper	
75	100		
110	33.2	27.2	40.8
77	32.1	24.0	36.0





#62

1,3,5-Trimethylbenzene

Concen: 0.397 ug/L

RT: 11.086 min Scan# 3030

Delta R.T. 0.003 min

Lab File: VU052641.D

Acq: 10 Jan 2023 13:17

Instrument :

MSVOA_U

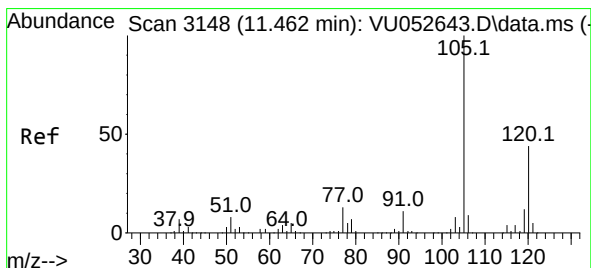
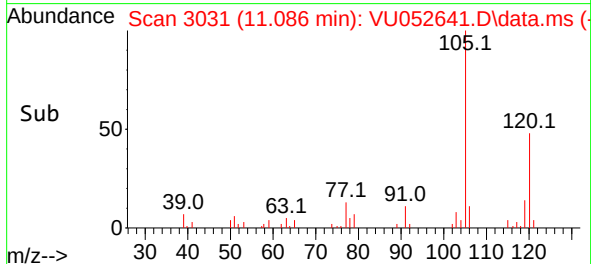
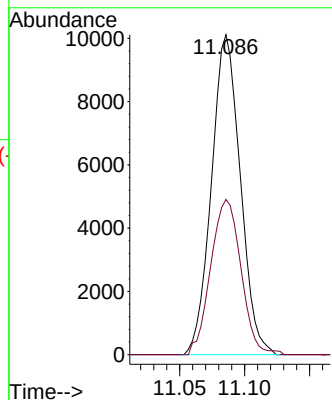
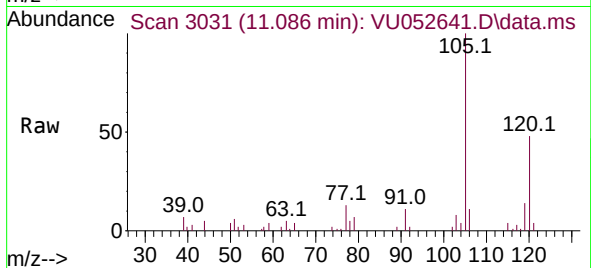
ClientSampleId :

Tgt Ion:105 Resp: 15607

Ion Ratio Lower Upper

105 100

120 50.9 39.0 58.6



#63

1,2,4-Trimethylbenzene

Concen: 0.393 ug/L

RT: 11.465 min Scan# 3149

Delta R.T. 0.003 min

Lab File: VU052641.D

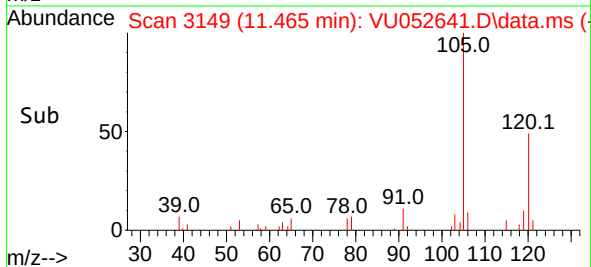
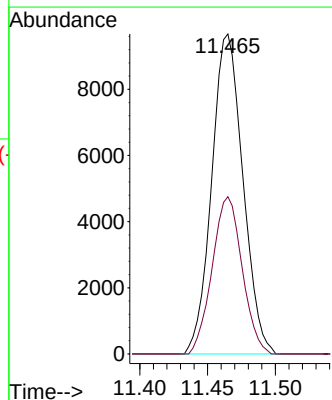
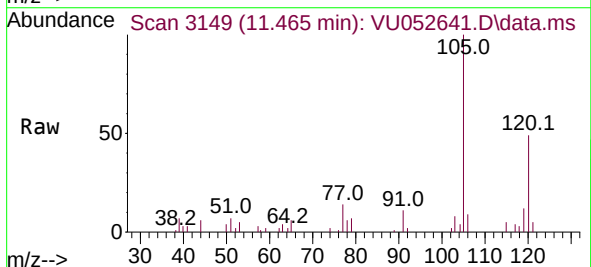
Acq: 10 Jan 2023 13:17

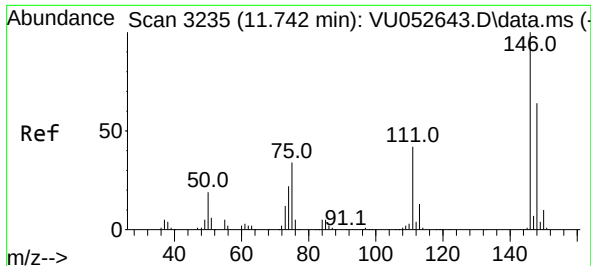
Tgt Ion:105 Resp: 15458

Ion Ratio Lower Upper

105 100

120 47.2 35.9 53.9

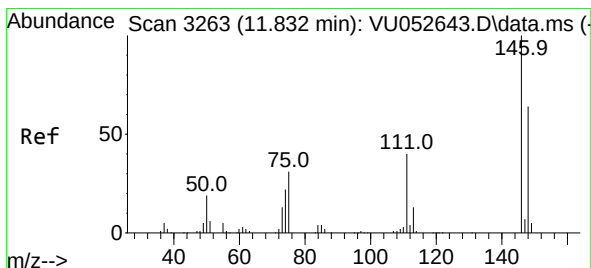
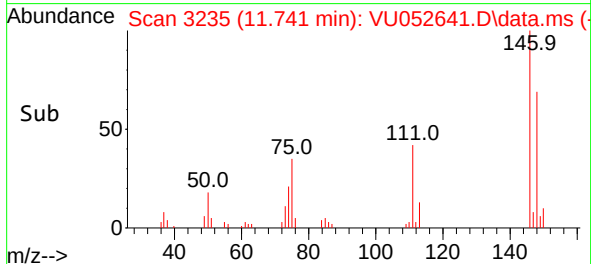
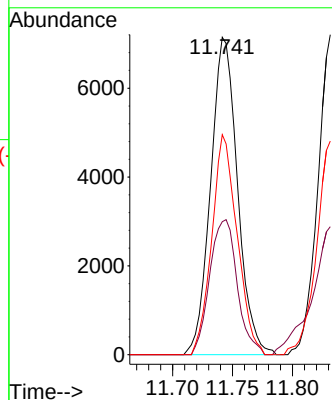
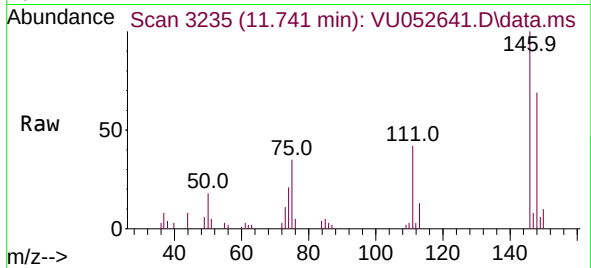




#64
1,3-Dichlorobenzene
Concen: 0.474 ug/L
RT: 11.741 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU052641.D
Acq: 10 Jan 2023 13:17

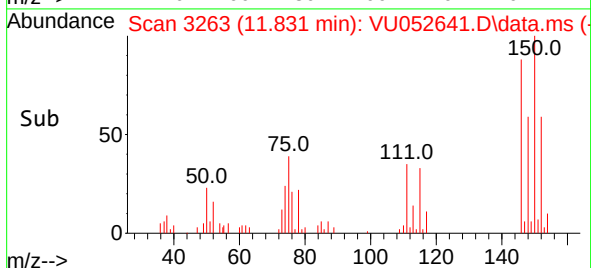
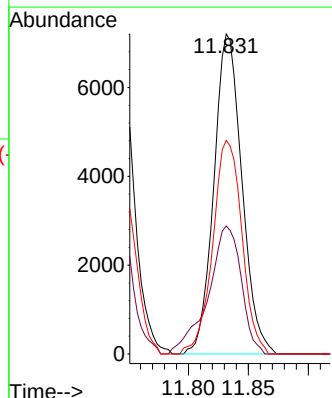
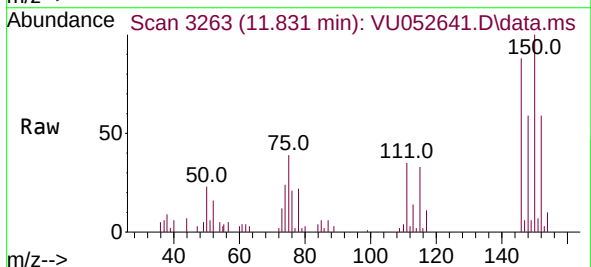
Instrument :
MSVOA_U
ClientSampleId :

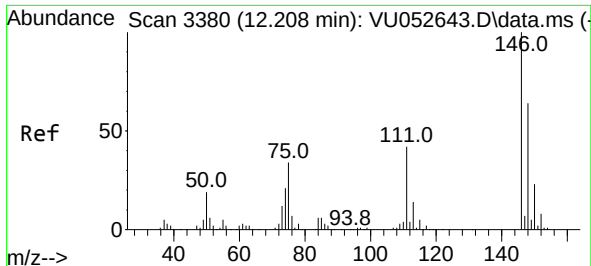
Tgt Ion:146 Resp: 11132
Ion Ratio Lower Upper
146 100
111 41.9 29.4 54.6
148 69.3 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 0.483 ug/L
RT: 11.831 min Scan# 3263
Delta R.T. -0.000 min
Lab File: VU052641.D
Acq: 10 Jan 2023 13:17

Tgt Ion:146 Resp: 11705
Ion Ratio Lower Upper
146 100
111 40.0 28.1 52.3
148 66.7 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 0.473 ug/L

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU052641.D

Acq: 10 Jan 2023 13:17

Instrument :

MSVOA_U

ClientSampleId :

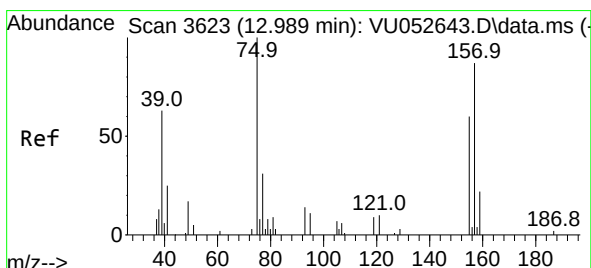
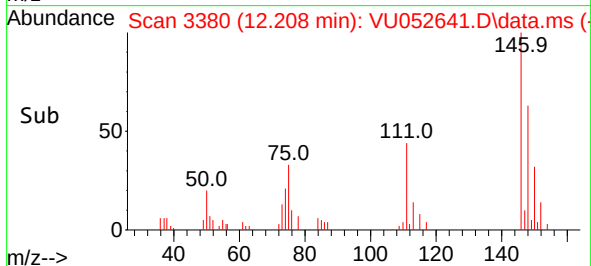
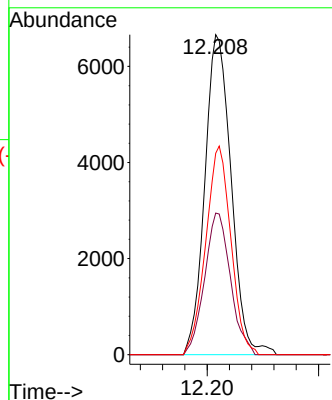
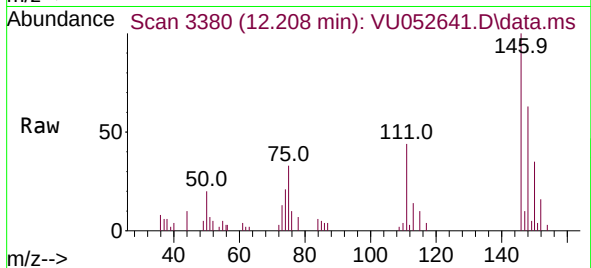
Tgt Ion:146 Resp: 10916

Ion Ratio Lower Upper

146 100

111 44.2 33.8 50.6

148 62.9 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 0.435 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. 0.003 min

Lab File: VU052641.D

Acq: 10 Jan 2023 13:17

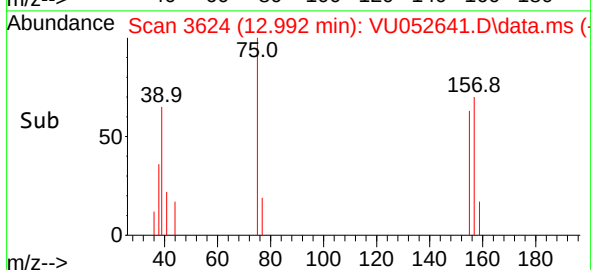
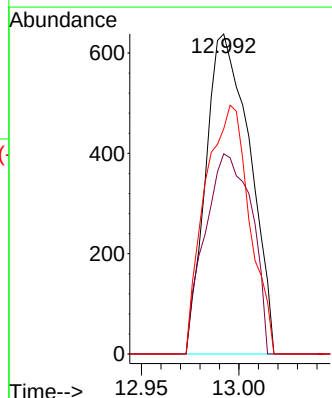
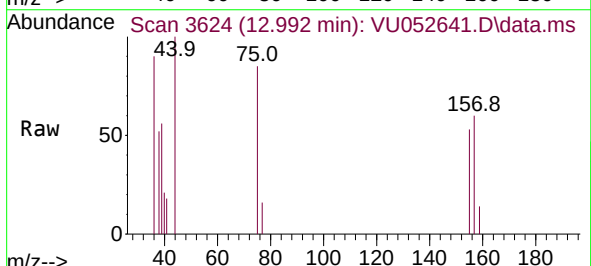
Tgt Ion: 75 Resp: 1001

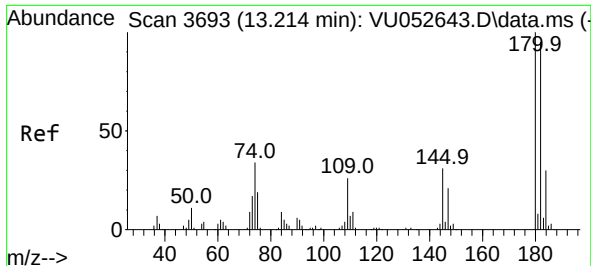
Ion Ratio Lower Upper

75 100

155 62.5 48.0 72.0

157 70.4 69.3 103.9





#69

1,3,5-Trichlorobenzene

Concen: 0.516 ug/L

RT: 13.217 min Scan# 30

Delta R.T. 0.003 min

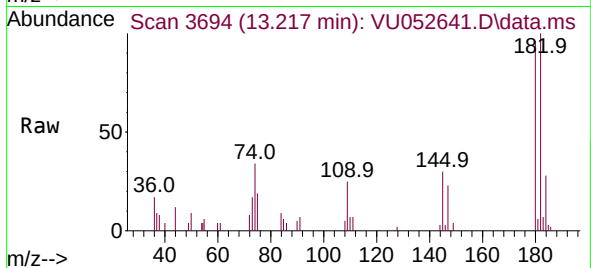
Lab File: VU052641.D

Acq: 10 Jan 2023 13:17

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 8856

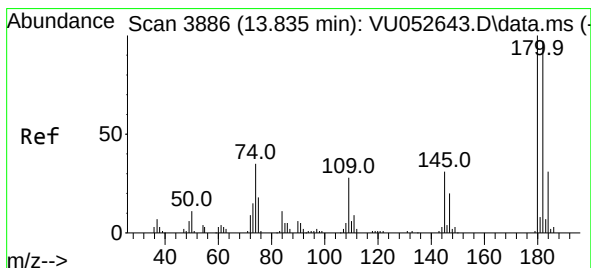
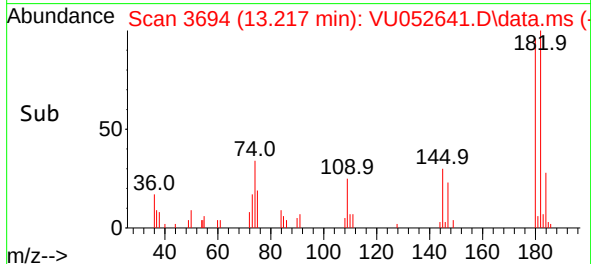
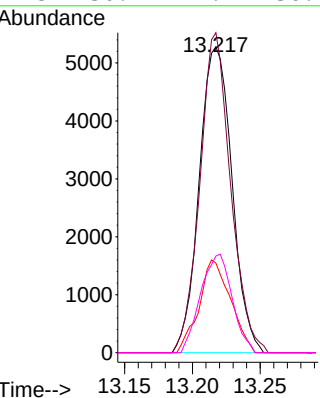
Ion Ratio Lower Upper

180 100

182 98.3 75.1 112.7

184 29.2 23.6 35.4

145 30.9 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 0.502 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. 0.003 min

Lab File: VU052641.D

Acq: 10 Jan 2023 13:17

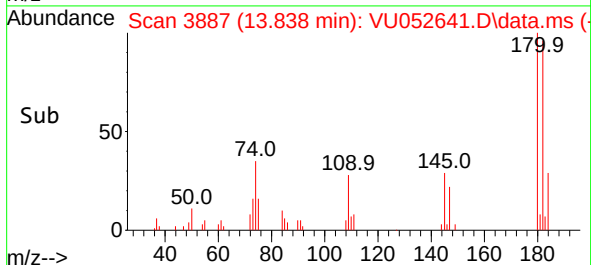
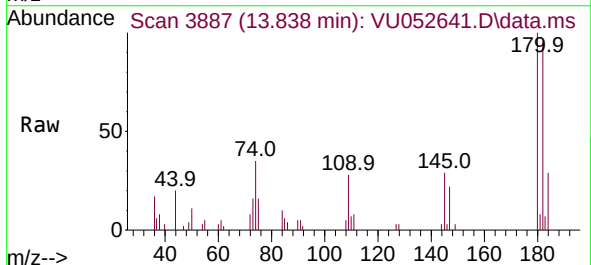
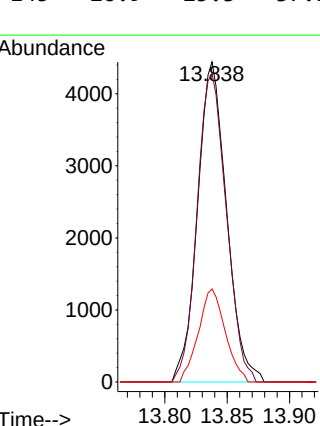
Tgt Ion:180 Resp: 7194

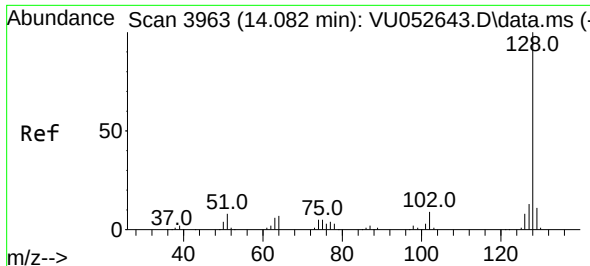
Ion Ratio Lower Upper

180 100

182 96.9 77.5 116.3

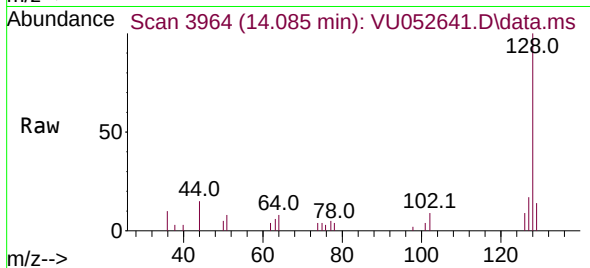
145 26.9 25.3 37.9



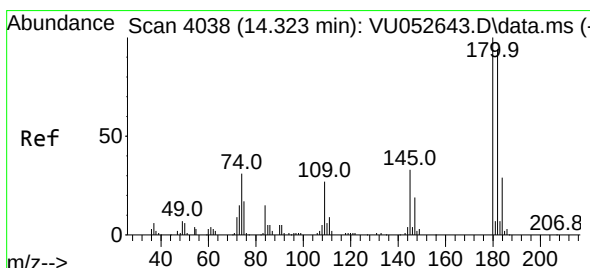
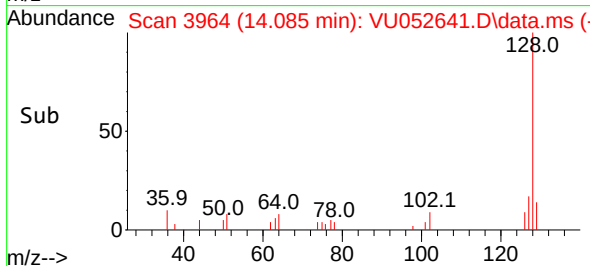
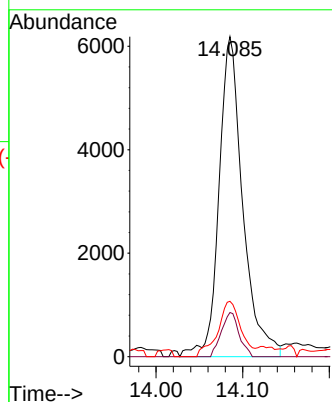


#71
Naphthalene
Concen: 0.414 ug/L
RT: 14.085 min Scan# 3963
Delta R.T. 0.003 min
Lab File: VU052641.D
Acq: 10 Jan 2023 13:17

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 11789
Ion Ratio Lower Upper
128 100
129 10.3 8.3 12.5
127 16.8 10.8 16.2#



#72
1,2,3-Trichlorobenzene
Concen: 0.448 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.003 min
Lab File: VU052641.D
Acq: 10 Jan 2023 13:17

Tgt Ion:180 Resp: 6337
Ion Ratio Lower Upper
180 100
182 96.1 75.8 113.6
145 32.4 26.5 39.7

