

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050622\
 Data File : VU048457.D
 Acq On : 06 May 2022 15:45
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV067

Quant Time: May 06 23:39:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 06 23:30:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	405138	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	401507	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	212688	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	167685	48.059	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	96.120%		
7) Chloroethane-d5	1.893	69	113434	49.814	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.620%		
11) 1,1-Dichloroethene-d2	2.565	63	297489	47.907	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.820%		
21) 2-Butanone-d5	4.623	46	295192	99.342	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.340%		
24) Chloroform-d	5.063	84	295418	48.746	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.500%		
26) 1,2-Dichloroethane-d4	5.700	65	190390	48.329	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.660%		
32) Benzene-d6	5.726	84	586246	48.049	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.100%		
36) 1,2-Dichloropropane-d6	6.690	67	191420	48.111	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.220%		
41) Toluene-d8	7.896	98	522889	48.457	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.920%		
43) trans-1,3-Dichloroprop...	8.179	79	90347	49.336	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.680%		
47) 2-Hexanone-d5	8.635	63	208828	108.441	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	108.440%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	309365	51.046	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	102.100%		
66) 1,2-Dichlorobenzene-d4	12.195	152	205049	48.687	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.380%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	177011	48.299	ug/L	99
3) Chloromethane	1.523	50	204009	48.667	ug/L	100
5) Vinyl chloride	1.604	62	193613	48.617	ug/L	99
6) Bromomethane	1.832	94	90186	45.794	ug/L	100
8) Chloroethane	1.915	64	101582	47.445	ug/L	98
9) Trichlorofluoromethane	2.128	101	248105	47.418	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	144502	48.126	ug/L	99
12) 1,1-Dichloroethene	2.578	96	138306	48.719	ug/L	93
13) Acetone	2.626	43	208817	93.212	ug/L	98
14) Carbon disulfide	2.790	76	415851	47.260	ug/L	100
15) Methyl Acetate	2.944	43	220599	48.067	ug/L	97
16) Methylene chloride	3.044	84	175668	50.602	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	145997	48.205	ug/L	99
18) Methyl tert-butyl Ether	3.362	73	501831	49.201	ug/L	100
19) 1,1-Dichloroethane	3.867	63	299102	47.894	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	166770	48.795	ug/L	96
22) 2-Butanone	4.700	43	328149	97.990	ug/L	98
23) Bromochloromethane	4.976	128	85119	47.258	ug/L	98
25) Chloroform	5.089	83	293919	47.661	ug/L	99

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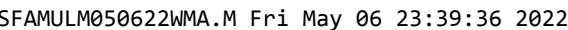
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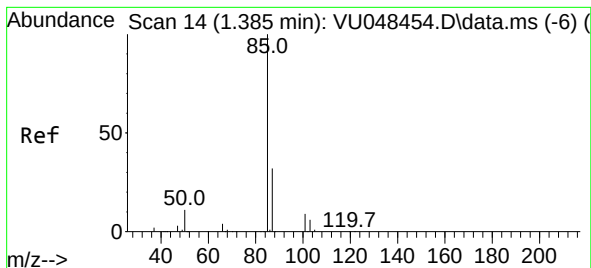
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	242166	47.762	ug/L	99
29) Cyclohexane	5.388	56	270552	48.832	ug/L	100
30) 1,1,1-Trichloroethane	5.317	97	259667	46.569	ug/L	99
31) Carbon tetrachloride	5.523	117	225044	47.134	ug/L	100
33) Benzene	5.774	78	659555	47.710	ug/L	100
34) Trichloroethene	6.542	95	161681	47.579	ug/L	96
35) Methylcyclohexane	6.761	83	263211	48.547	ug/L	100
37) 1,2-Dichloropropane	6.790	63	181383	47.010	ug/L	99
38) Bromodichloromethane	7.105	83	223283	47.526	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	271077	49.394	ug/L	97
40) 4-Methyl-2-pentanone	7.793	43	630420	101.974	ug/L	99
42) Toluene	7.970	91	685485	48.044	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	258744	48.515	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	169810	48.666	ug/L	97
46) Tetrachloroethene	8.552	164	121391	47.552	ug/L	96
48) 2-Hexanone	8.687	43	527309	102.633	ug/L	98
49) Dibromochloromethane	8.809	129	182911	48.812	ug/L	98
50) 1,2-Dibromoethane	8.925	107	179351	48.625	ug/L	100
51) Chlorobenzene	9.446	112	438562	48.783	ug/L	98
52) Ethylbenzene	9.571	91	732878	49.309	ug/L	100
53) m,p-Xylene	9.693	106	295995	51.594	ug/L	99
54) o-Xylene	10.102	106	293131	50.786	ug/L	97
55) Styrene	10.115	104	496390	52.895	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	333118	50.937	ug/L	99
59) Bromoform	10.291	173	144863	48.025	ug/L	100
60) 1,2,3-Trichloropropane	10.825	75	272411	49.066	ug/L	100
61) Isopropylbenzene	10.484	105	730713	49.029	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	411513	50.089	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	639195	52.242	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	347442	49.430	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	337903	47.948	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	354030	49.218	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	77586	47.680	ug/L	98
69) 1,3,5-Trichlorobenzene	13.220	180	238699	48.029	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	196024	45.418	ug/L	99
71) Naphthalene	14.085	128	699821	42.105	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	200717	43.726	ug/L	99

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

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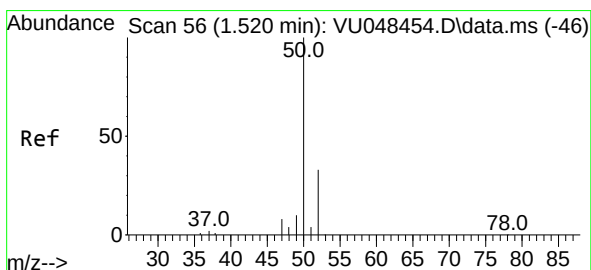
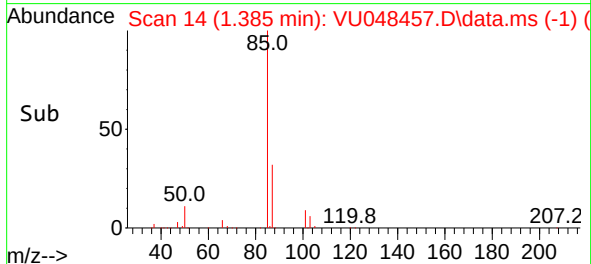
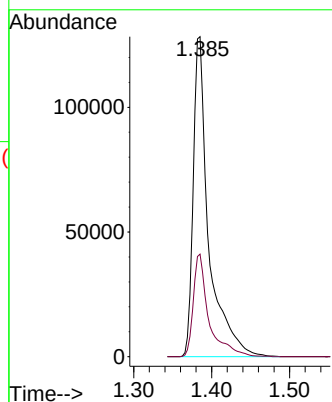
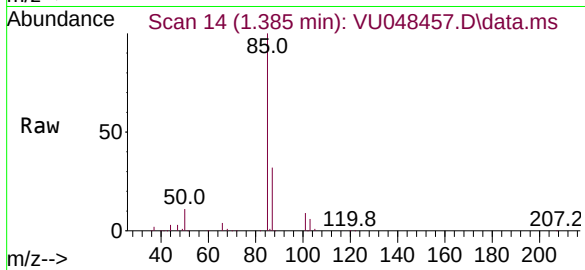




#2
Dichlorodifluoromethane
Concen: 48.299 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU048457.D
Acq: 06 May 2022 15:45

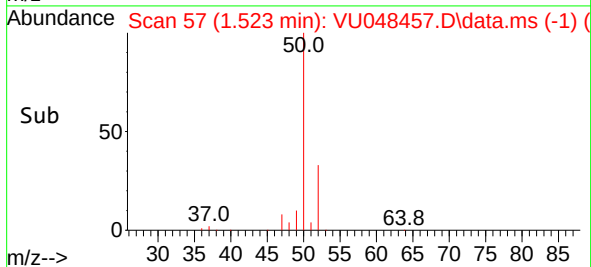
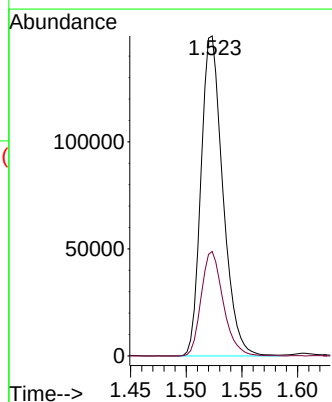
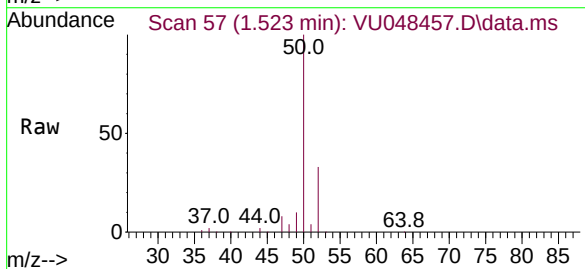
Instrument :
MSVOA_U
ClientSampleId :
VICV067

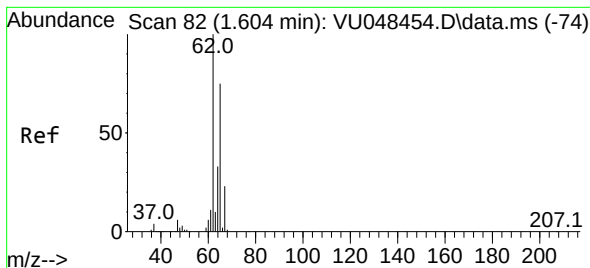
Tgt Ion: 85 Resp: 177011
Ion Ratio Lower Upper
85 100
87 32.3 26.2 39.4



#3
Chloromethane
Concen: 48.667 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU048457.D
Acq: 06 May 2022 15:45

Tgt Ion: 50 Resp: 204009
Ion Ratio Lower Upper
50 100
52 32.6 23.0 42.8





#5

Vinyl chloride

Concen: 48.617 ug/L

RT: 1.604 min Scan# 81

Delta R.T. -0.000 min

Lab File: VU048457.D

Acq: 06 May 2022 15:45

Instrument :

MSVOA_U

ClientSampleId :

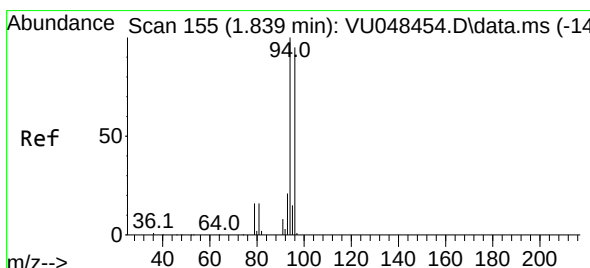
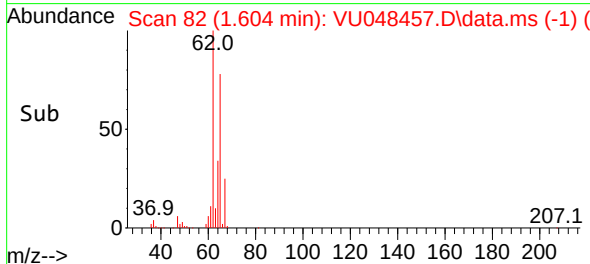
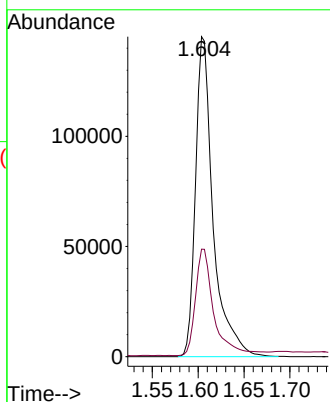
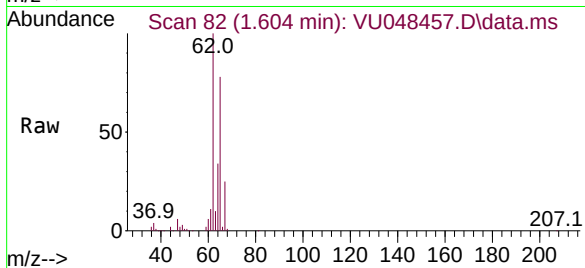
VICV067

Tgt Ion: 62 Resp: 193613

Ion Ratio Lower Upper

62 100

64 33.6 23.2 43.0



#6

Bromomethane

Concen: 45.794 ug/L

RT: 1.832 min Scan# 153

Delta R.T. -0.007 min

Lab File: VU048457.D

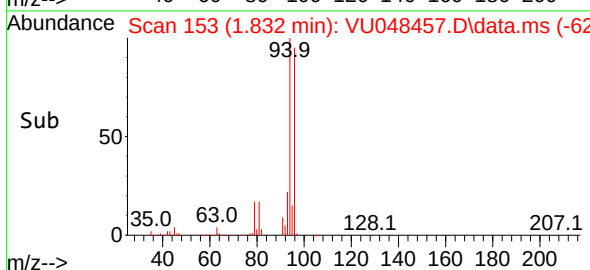
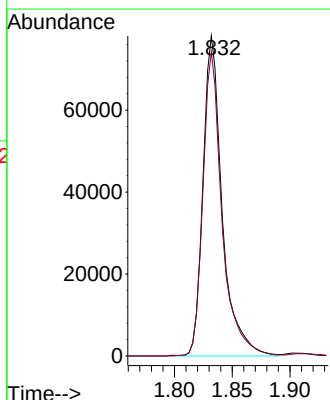
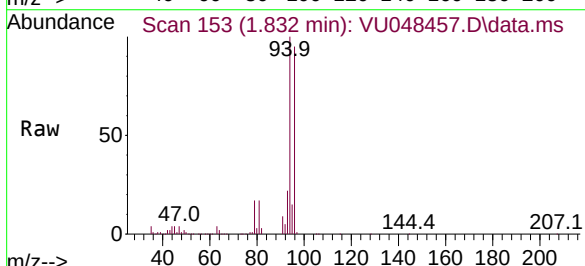
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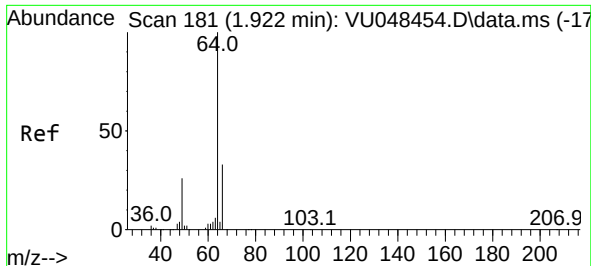
Tgt Ion: 94 Resp: 90186

Ion Ratio Lower Upper

94 100

96 95.0 66.5 123.5

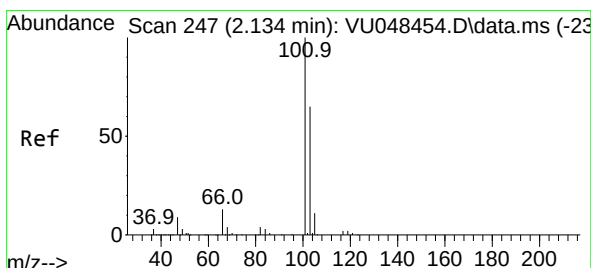
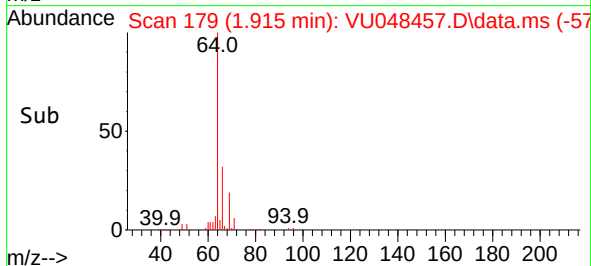
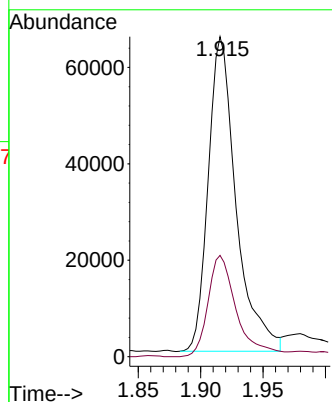
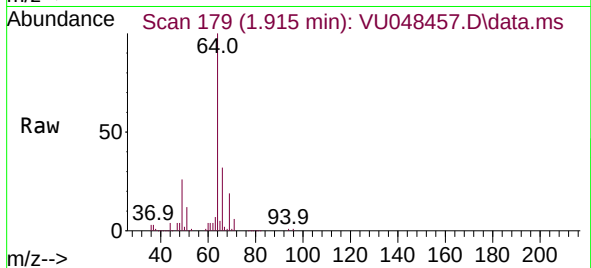




#8
Chloroethane
Concen: 47.445 ug/L
RT: 1.915 min Scan# 11
Delta R.T. -0.007 min
Lab File: VU048457.D
Acq: 06 May 2022 15:45

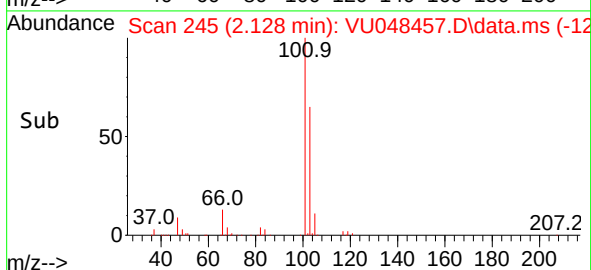
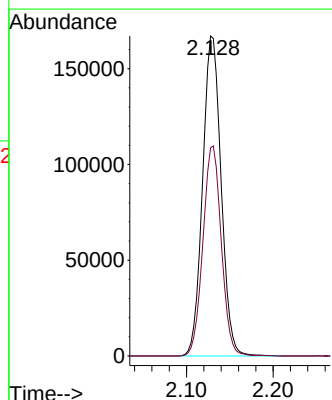
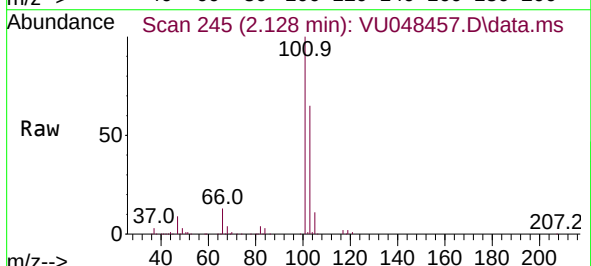
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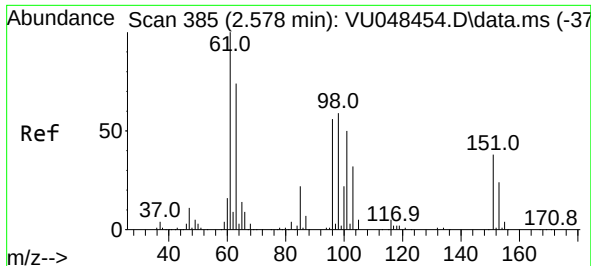
Tgt Ion: 64 Resp: 101582
Ion Ratio Lower Upper
64 100
66 31.6 22.8 42.4



#9
Trichlorofluoromethane
Concen: 47.418 ug/L
RT: 2.128 min Scan# 245
Delta R.T. -0.007 min
Lab File: VU048457.D
Acq: 06 May 2022 15:45

Tgt Ion:101 Resp: 248105
Ion Ratio Lower Upper
101 100
103 64.9 52.0 78.0

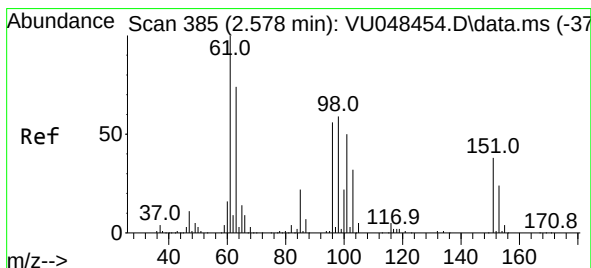
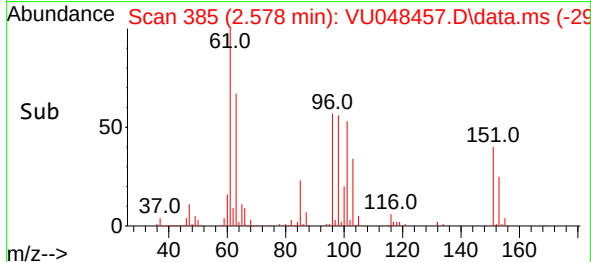
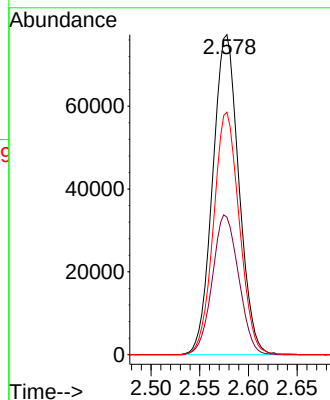
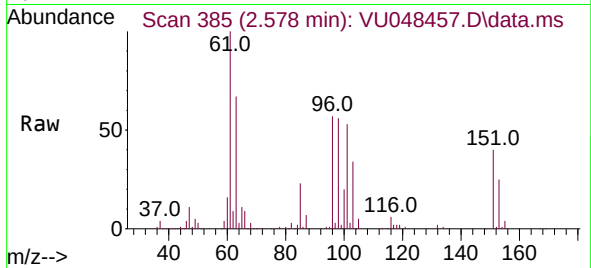




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 48.126 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU048457.D
 Acq: 06 May 2022 15:45

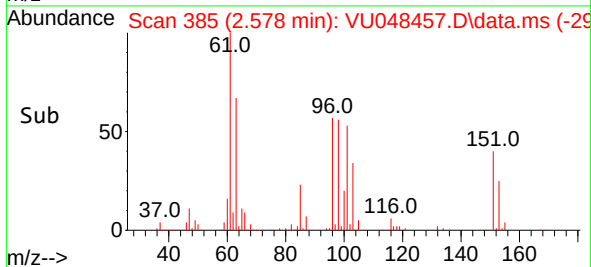
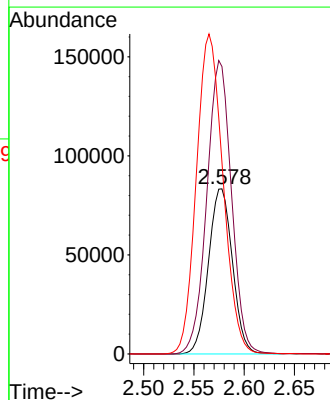
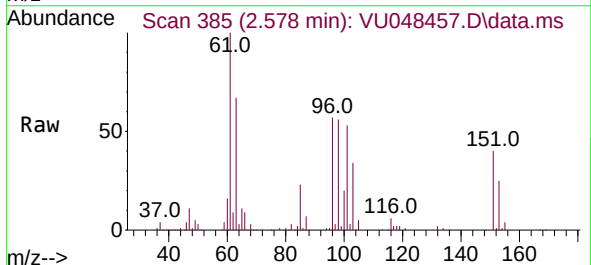
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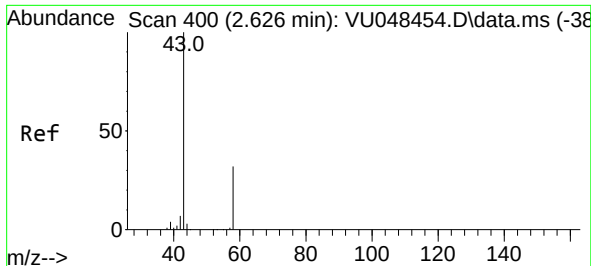
Tgt Ion:101 Resp: 144502
 Ion Ratio Lower Upper
 101 100
 85 43.9 34.8 52.2
 151 74.8 60.7 91.1



#12
 1,1-Dichloroethene
 Concen: 48.719 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU048457.D
 Acq: 06 May 2022 15:45

Tgt Ion: 96 Resp: 138306
 Ion Ratio Lower Upper
 96 100
 61 174.0 124.5 231.3
 63 116.1 92.5 171.9





#13

Acetone

Concen: 93.212 ug/L

RT: 2.626 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU048457.D

Acq: 06 May 2022 15:45

Instrument :

MSVOA_U

ClientSampleId :

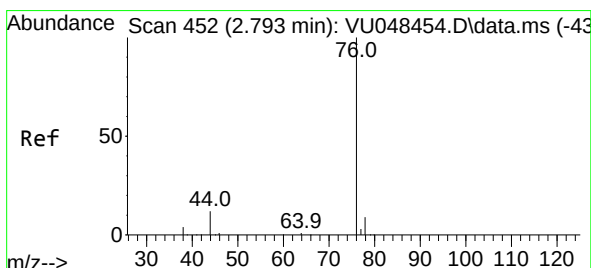
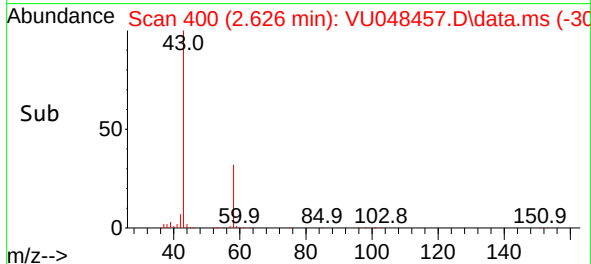
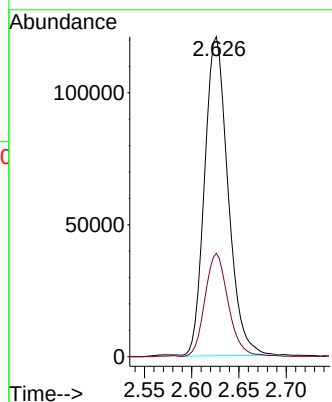
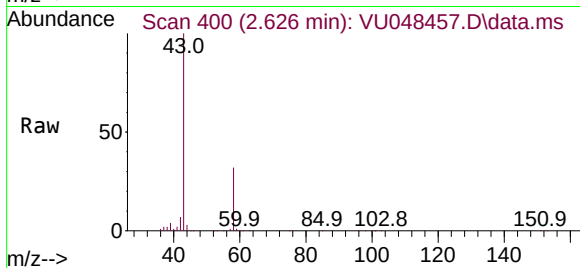
VICV067

Tgt Ion: 43 Resp: 208817

Ion Ratio Lower Upper

43 100

58 32.2 0.0 66.2



#14

Carbon disulfide

Concen: 47.260 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.003 min

Lab File: VU048457.D

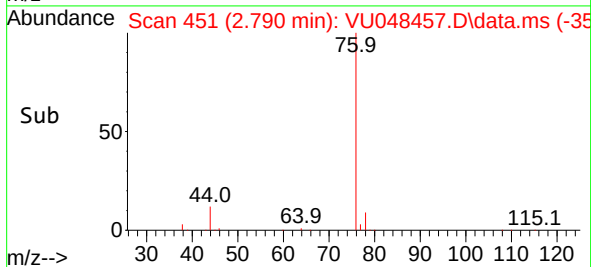
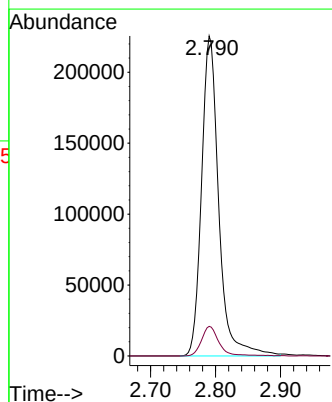
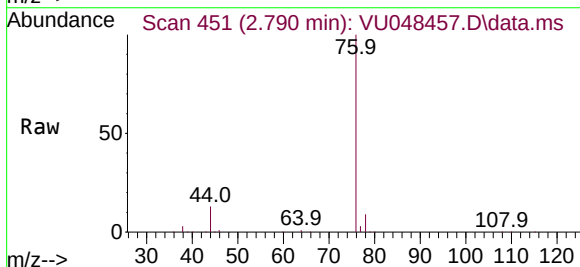
Acq: 06 May 2022 15:45

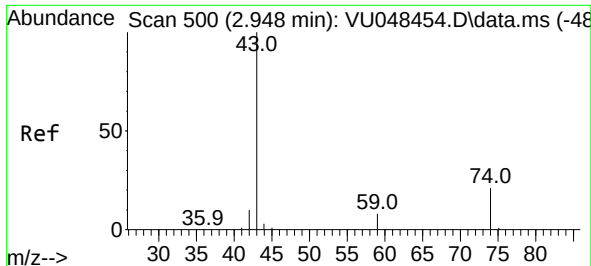
Tgt Ion: 76 Resp: 415851

Ion Ratio Lower Upper

76 100

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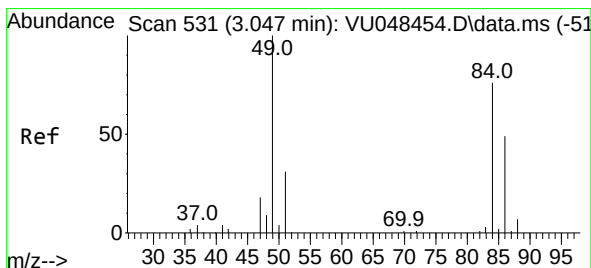
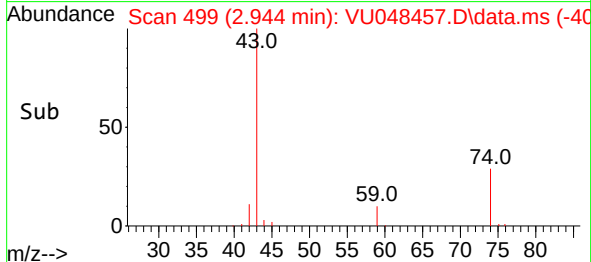
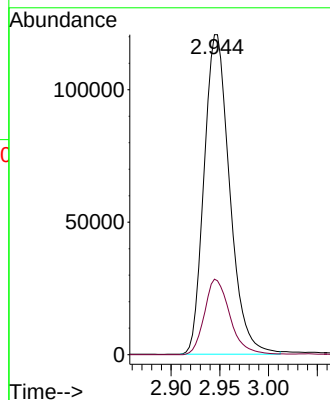
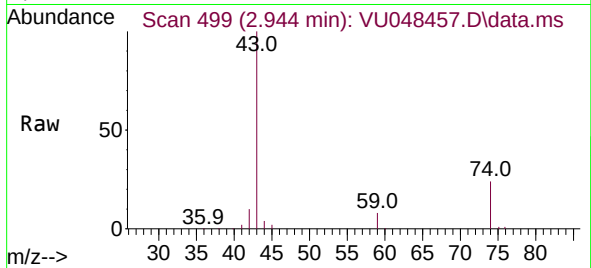




#15
Methyl Acetate
Concen: 48.067 ug/L
RT: 2.944 min Scan# 499
Delta R.T. -0.003 min
Lab File: VU048457.D
Acq: 06 May 2022 15:45

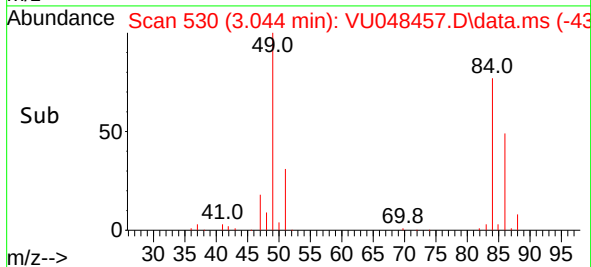
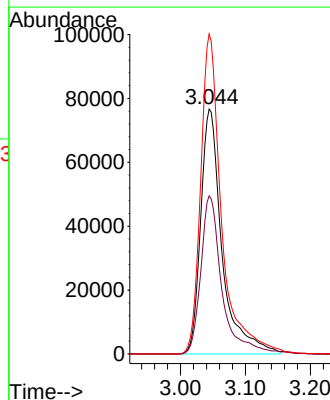
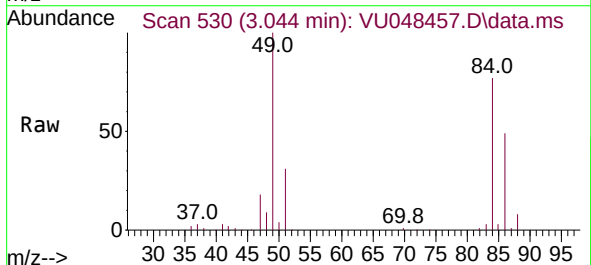
Instrument :
MSVOA_U
ClientSampleId :
VICV067

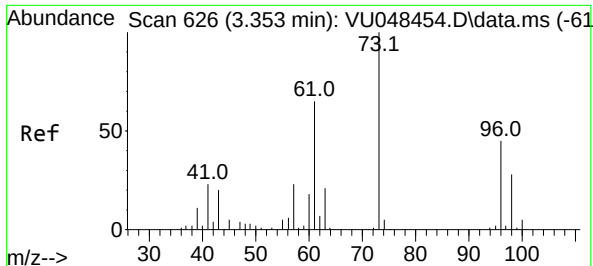
Tgt Ion: 43 Resp: 220599
Ion Ratio Lower Upper
43 100
74 23.5 17.6 26.4



#16
Methylene chloride
Concen: 50.602 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU048457.D
Acq: 06 May 2022 15:45

Tgt Ion: 84 Resp: 175668
Ion Ratio Lower Upper
84 100
86 64.6 44.8 83.2
49 130.7 92.0 170.8





#17

trans-1,2-Dichloroethene

Concen: 48.205 ug/L

RT: 3.350 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU048457.D

Acq: 06 May 2022 15:45

Instrument :

MSVOA_U

ClientSampleId :

VICV067

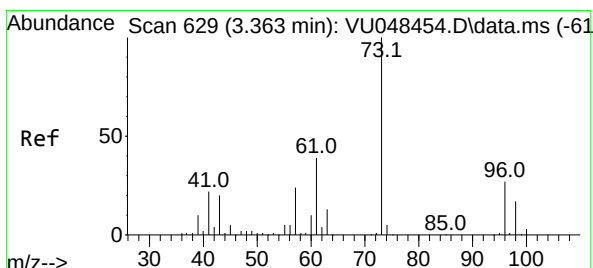
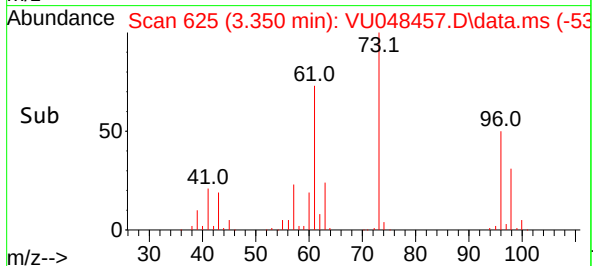
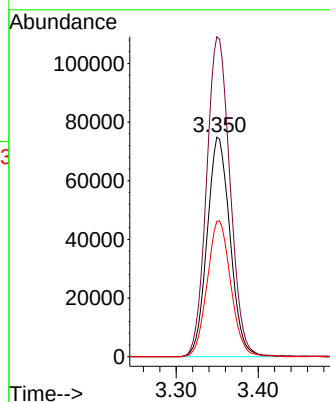
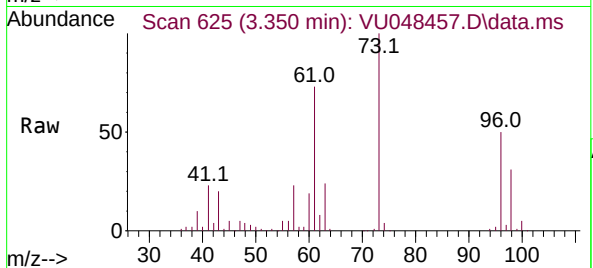
Tgt Ion: 96 Resp: 145997

Ion Ratio Lower Upper

96 100

61 145.8 101.2 187.8

98 61.6 43.3 80.3



#18

Methyl tert-butyl Ether

Concen: 49.201 ug/L

RT: 3.362 min Scan# 629

Delta R.T. -0.000 min

Lab File: VU048457.D

Acq: 06 May 2022 15:45

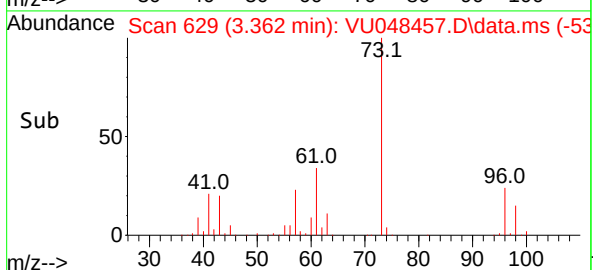
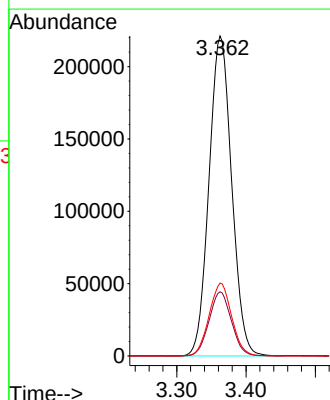
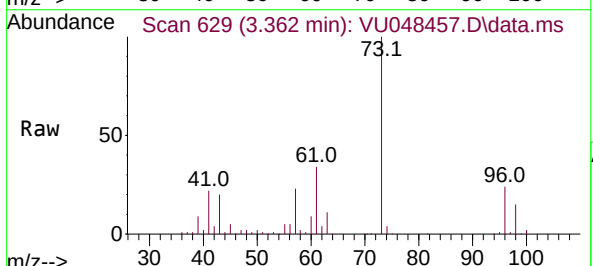
Tgt Ion: 73 Resp: 501831

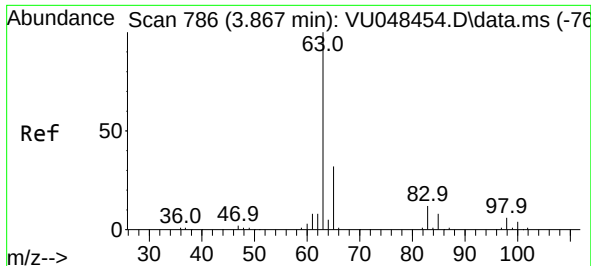
Ion Ratio Lower Upper

73 100

43 19.8 15.6 23.4

57 22.7 18.1 27.1



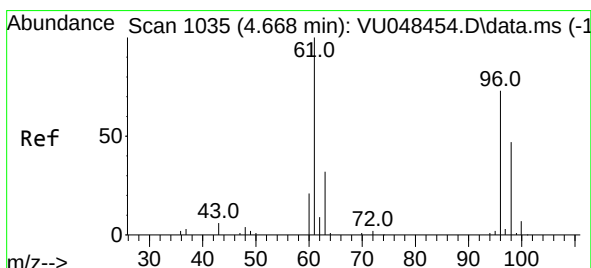
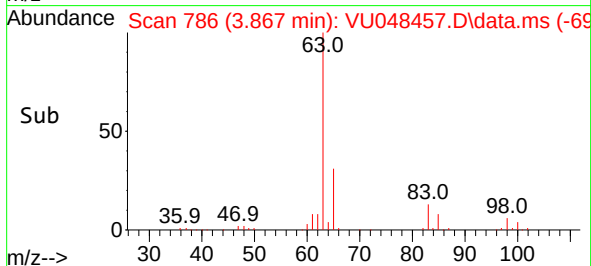
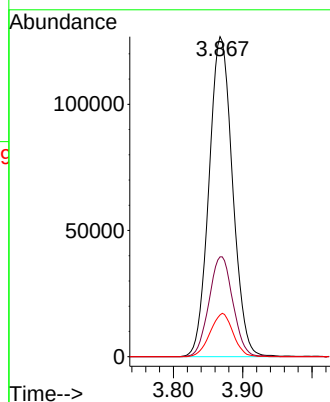
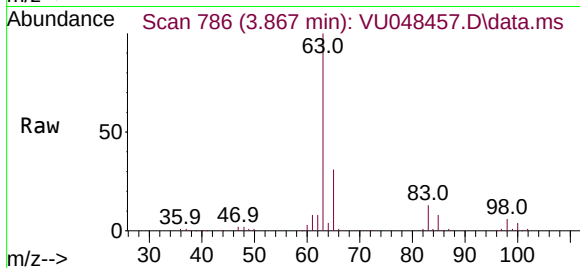


#19
1,1-Dichloroethane
Concen: 47.894 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.000 min
Lab File: VU048457.D
Acq: 06 May 2022 15:45

Instrument :
MSVOA_U
ClientSampleId :
VICV067

Tgt Ion: 63 Resp: 299102

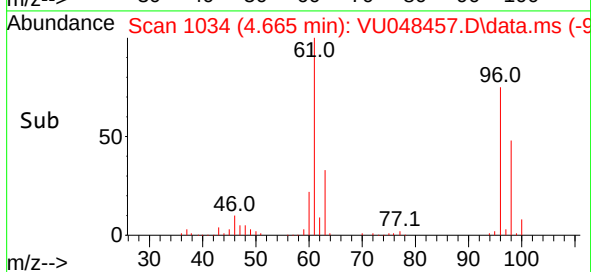
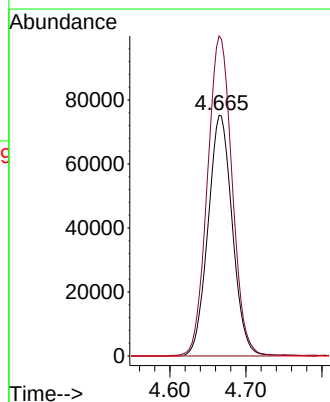
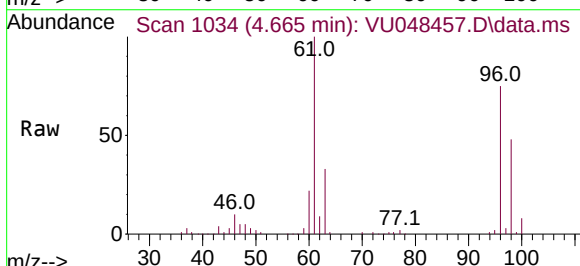
Ion	Ratio	Lower	Upper
63	100		
65	31.2	22.0	41.0
83	13.1	8.5	15.9

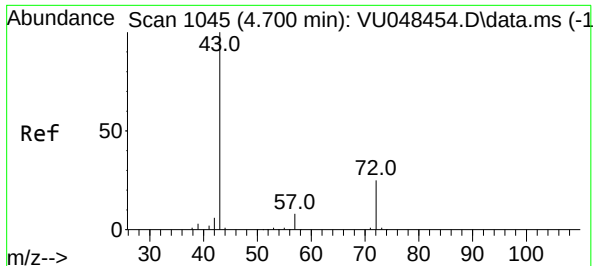


#20
cis-1,2-Dichloroethene
Concen: 48.795 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VU048457.D
Acq: 06 May 2022 15:45

Tgt Ion: 96 Resp: 166770

Ion	Ratio	Lower	Upper
96	100		
61	132.9	96.2	178.8
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 97.990 ug/L

RT: 4.700 min Scan# 1045

Delta R.T. -0.000 min

Lab File: VU048457.D

Acq: 06 May 2022 15:45

Instrument :

MSVOA_U

ClientSampleId :

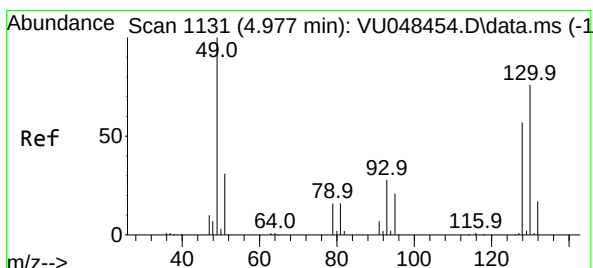
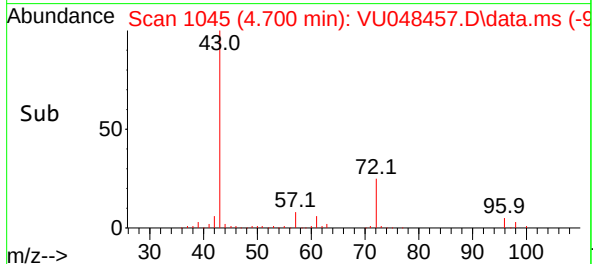
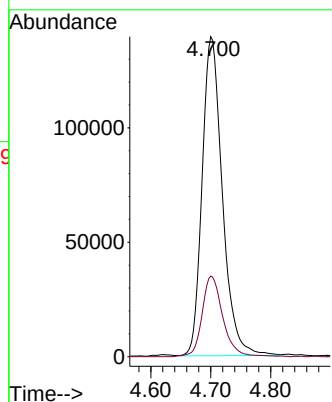
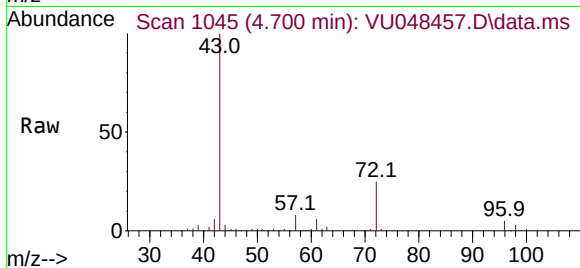
VICV067

Tgt Ion: 43 Resp: 328149

Ion Ratio Lower Upper

43 100

72 25.8 13.3 39.9



#23

Bromochloromethane

Concen: 47.258 ug/L

RT: 4.976 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VU048457.D

Acq: 06 May 2022 15:45

Tgt Ion:128 Resp: 85119

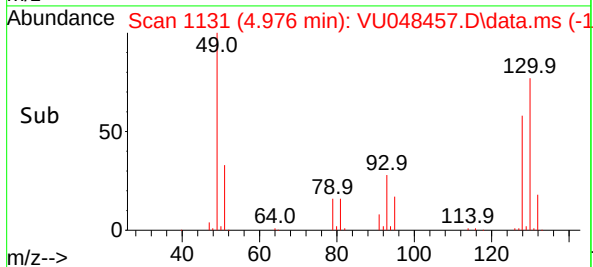
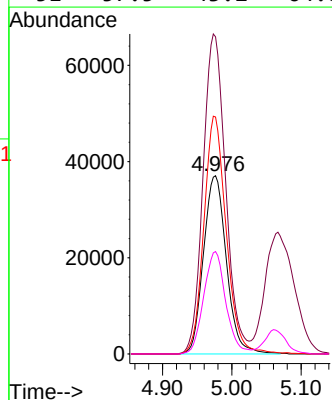
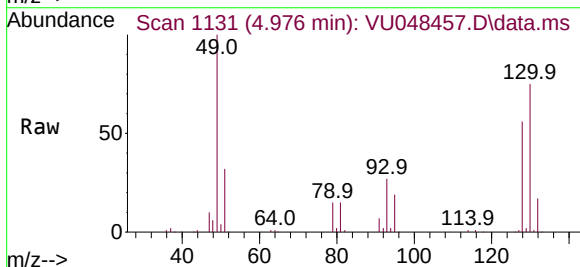
Ion Ratio Lower Upper

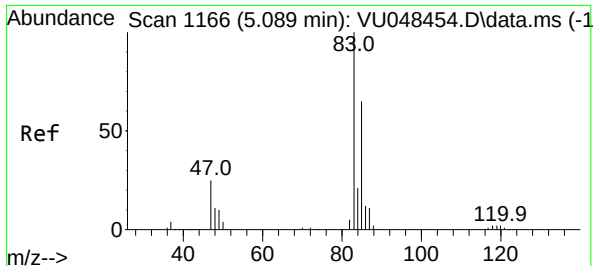
128 100

49 177.9 123.1 228.7

130 133.0 93.6 173.8

51 57.5 43.2 64.8





#25

Chloroform

Concen: 47.661 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU048457.D

Acq: 06 May 2022 15:45

Instrument :

MSVOA_U

ClientSampleId :

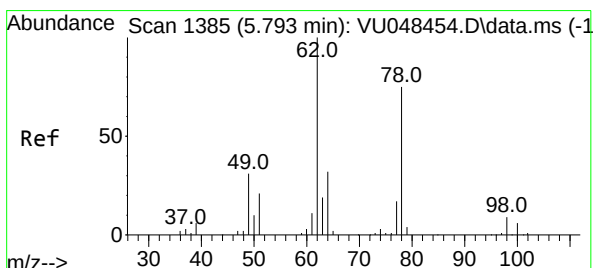
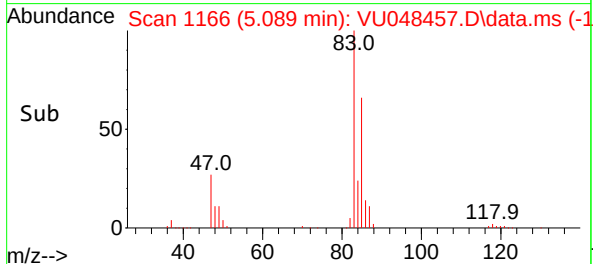
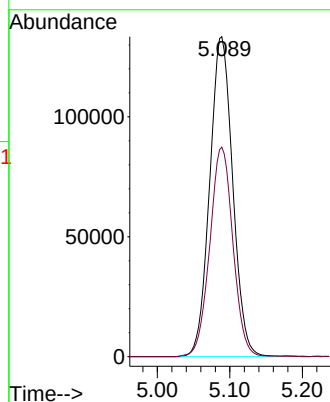
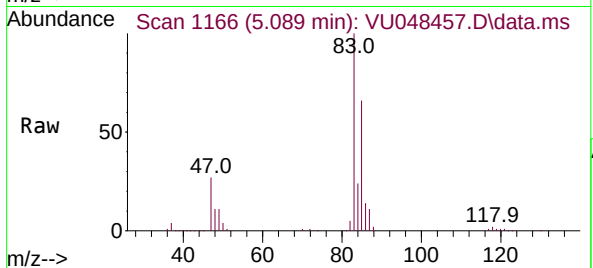
VICV067

Tgt Ion: 83 Resp: 293919

Ion Ratio Lower Upper

83 100

85 65.5 45.4 84.2



#27

1,2-Dichloroethane

Concen: 47.762 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.000 min

Lab File: VU048457.D

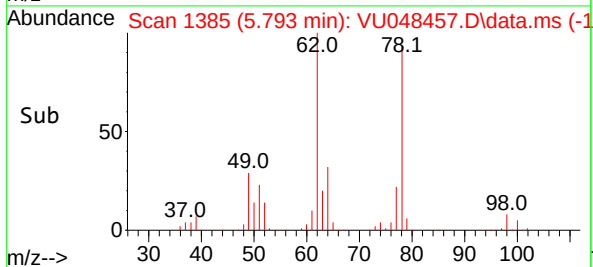
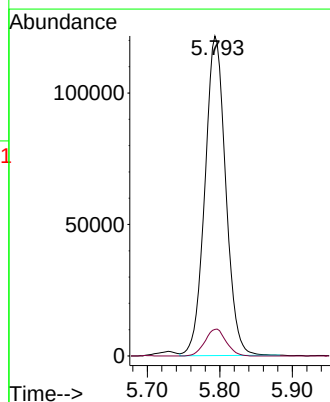
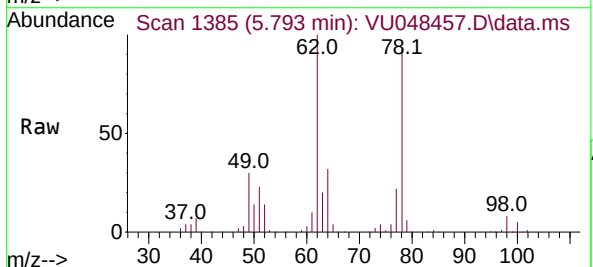
Acq: 06 May 2022 15:45

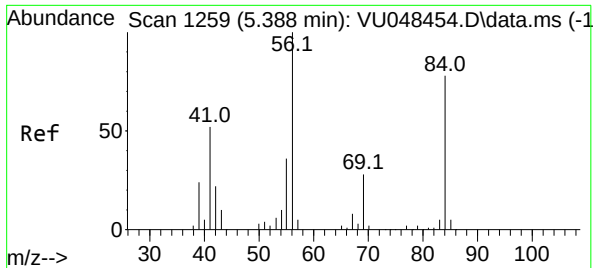
Tgt Ion: 62 Resp: 242166

Ion Ratio Lower Upper

62 100

98 8.3 6.8 10.2

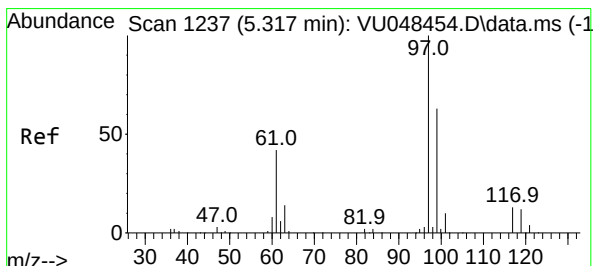
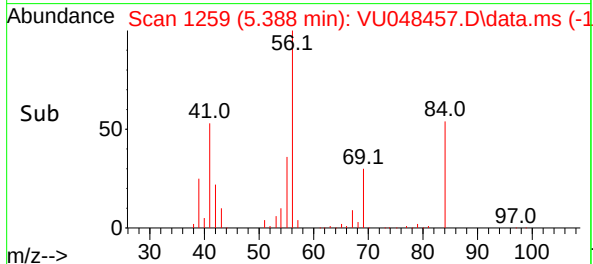
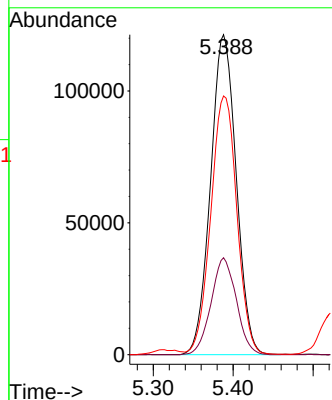
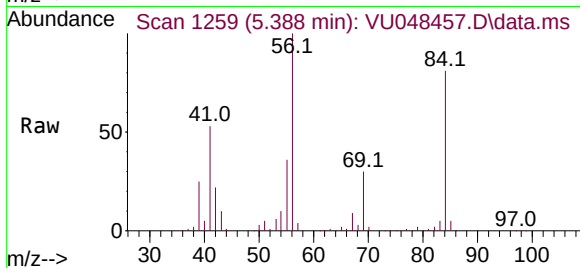




#29
Cyclohexane
Concen: 48.832 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VU048457.D
Acq: 06 May 2022 15:45

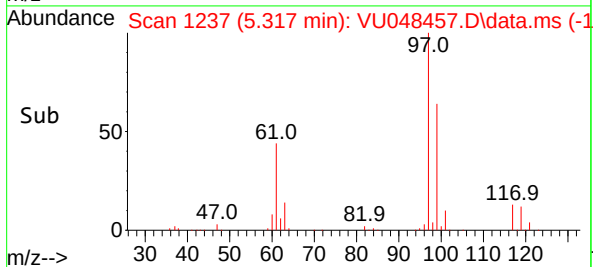
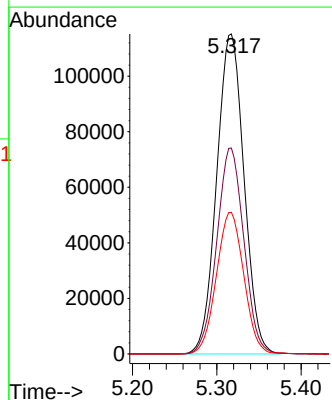
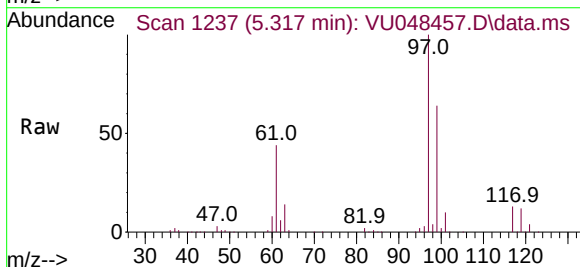
Instrument :
MSVOA_U
ClientSampleId :
VICV067

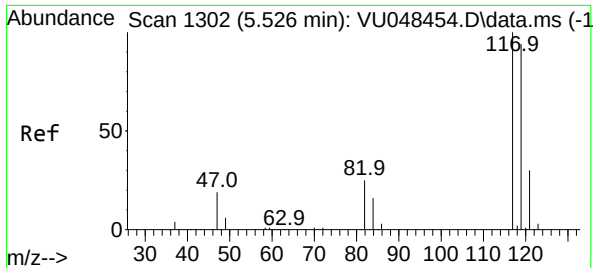
Tgt Ion: 56 Resp: 270552
Ion Ratio Lower Upper
56 100
69 29.8 23.4 35.0
84 81.9 65.5 98.3



#30
1,1,1-Trichloroethane
Concen: 46.569 ug/L
RT: 5.317 min Scan# 1237
Delta R.T. -0.000 min
Lab File: VU048457.D
Acq: 06 May 2022 15:45

Tgt Ion: 97 Resp: 259667
Ion Ratio Lower Upper
97 100
99 63.9 50.5 75.7
61 44.2 35.0 52.4

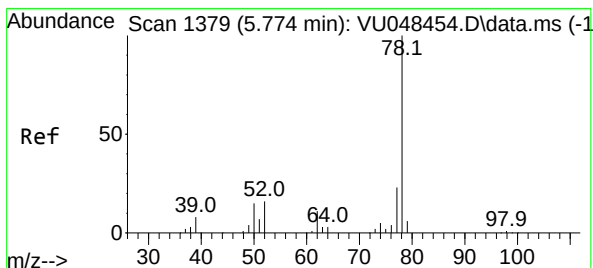
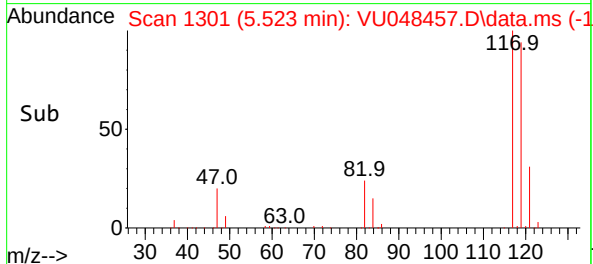
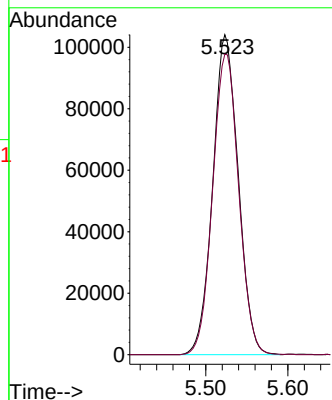
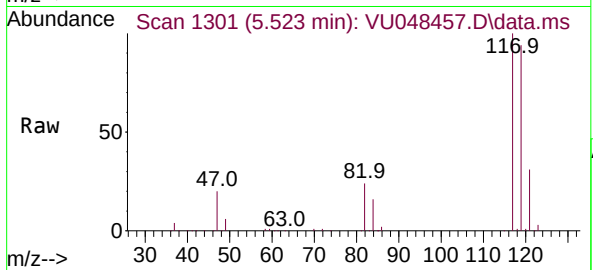




#31
Carbon tetrachloride
Concen: 47.134 ug/L
RT: 5.523 min Scan# 111
Delta R.T. -0.003 min
Lab File: VU048457.D
Acq: 06 May 2022 15:45

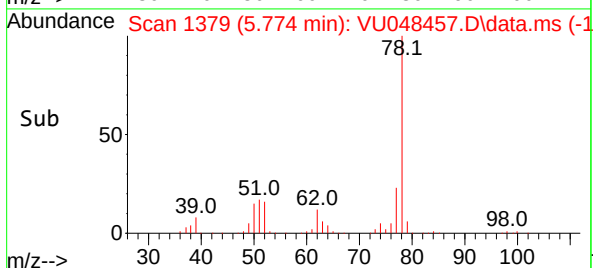
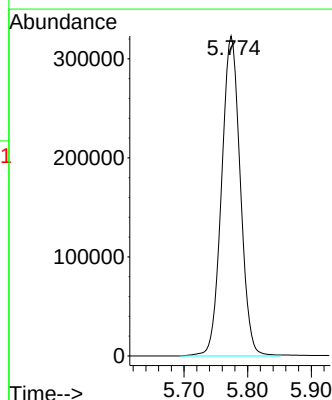
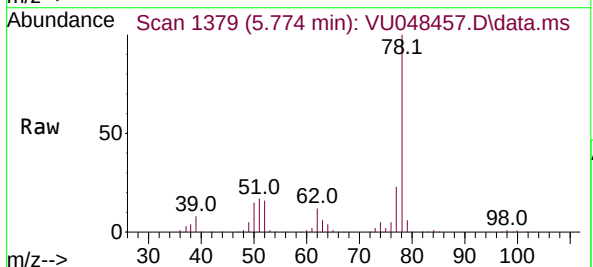
Instrument :
MSVOA_U
ClientSampleId :
VICV067

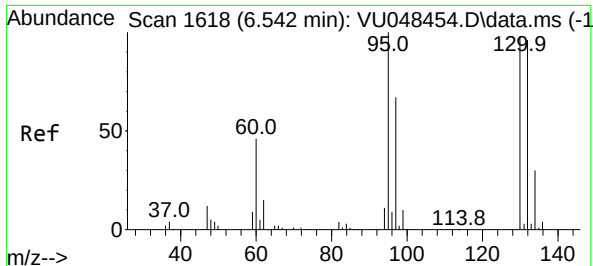
Tgt Ion:117 Resp: 225044
Ion Ratio Lower Upper
117 100
119 95.9 76.5 114.7



#33
Benzene
Concen: 47.710 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU048457.D
Acq: 06 May 2022 15:45

Tgt Ion: 78 Resp: 659555

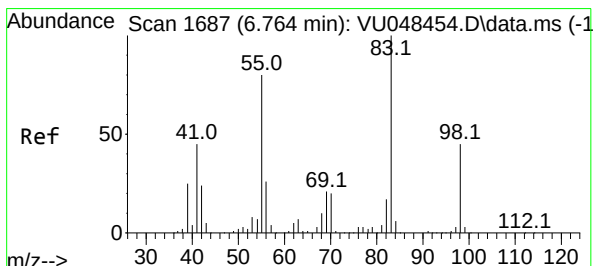
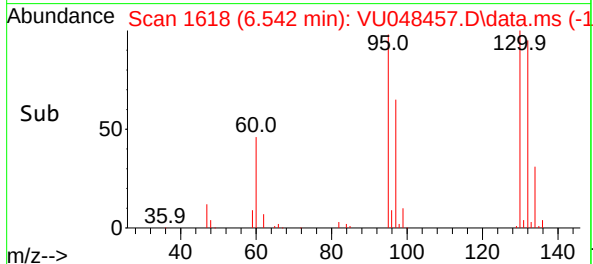
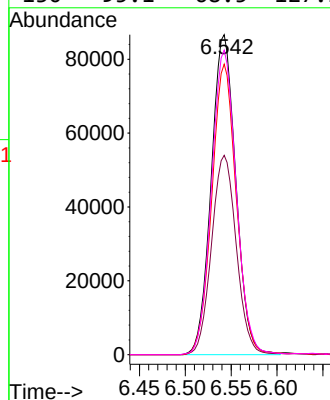
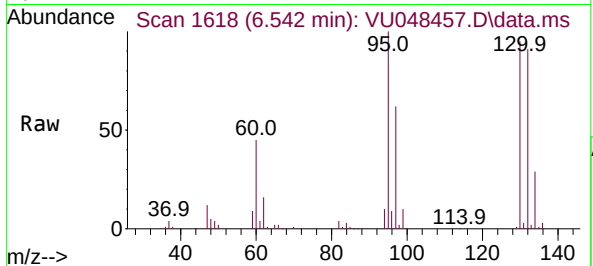




#34
Trichloroethene
Concen: 47.579 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU048457.D
Acq: 06 May 2022 15:45

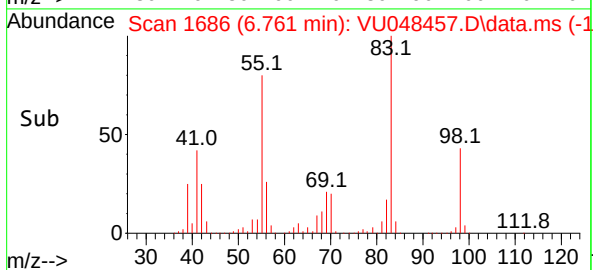
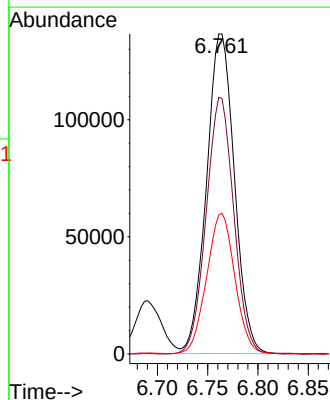
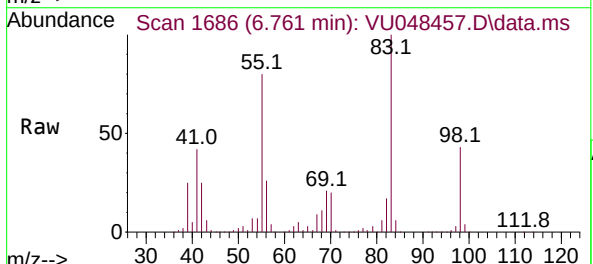
Instrument :
MSVOA_U
ClientSampleId :
VICV067

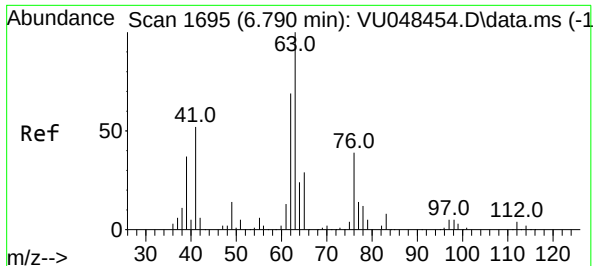
Tgt Ion: 95 Resp: 161681
Ion Ratio Lower Upper
95 100
97 62.3 46.6 86.6
132 90.8 67.3 124.9
130 95.1 68.5 127.1



#35
Methylcyclohexane
Concen: 48.547 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VU048457.D
Acq: 06 May 2022 15:45

Tgt Ion: 83 Resp: 263211
Ion Ratio Lower Upper
83 100
55 79.5 63.4 95.2
98 44.6 35.9 53.9





#37

1,2-Dichloropropane

Concen: 47.010 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048457.D

Acq: 06 May 2022 15:45

Instrument :

MSVOA_U

ClientSampleId :

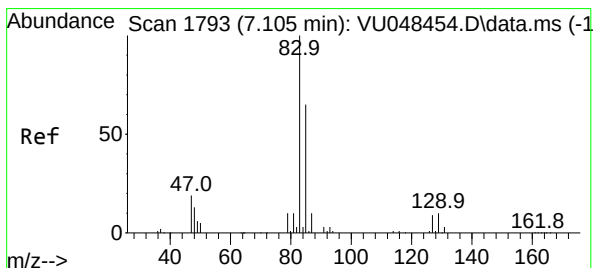
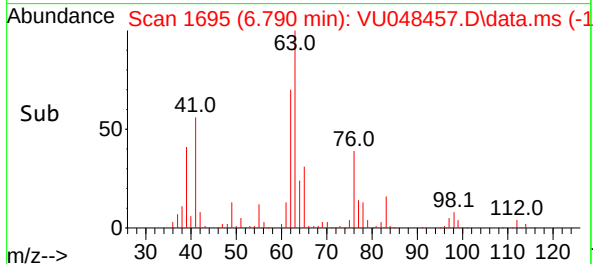
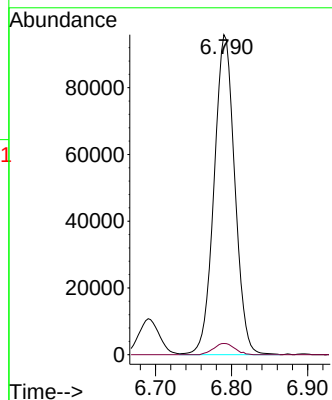
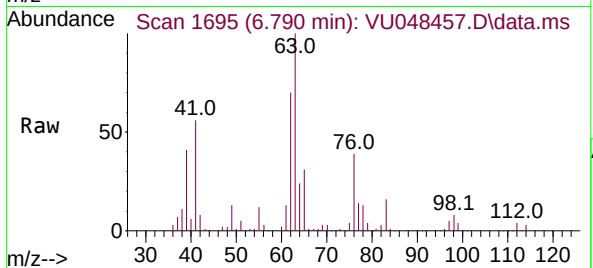
VICV067

Tgt Ion: 63 Resp: 181383

Ion Ratio Lower Upper

63 100

112 3.6 3.1 4.7



#38

Bromodichloromethane

Concen: 47.526 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU048457.D

Acq: 06 May 2022 15:45

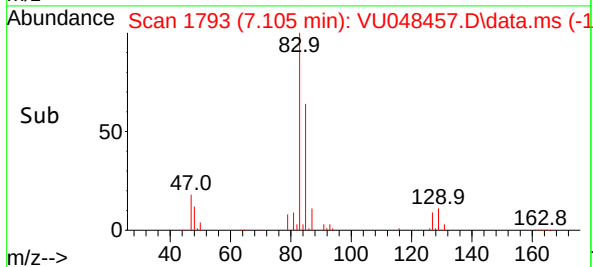
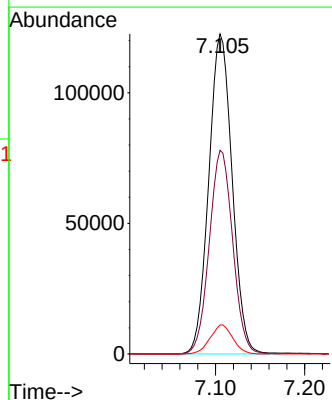
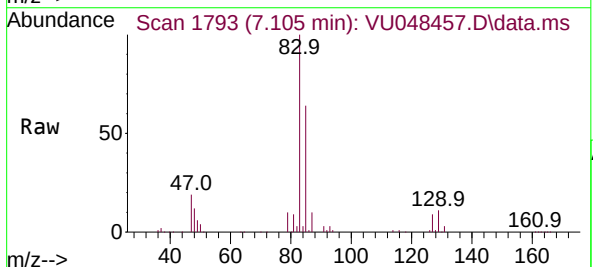
Tgt Ion: 83 Resp: 223283

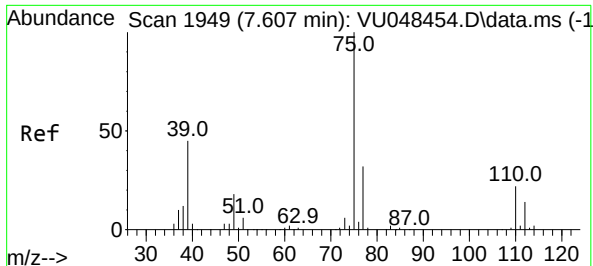
Ion Ratio Lower Upper

83 100

85 63.7 45.5 84.5

127 9.0 6.9 10.3

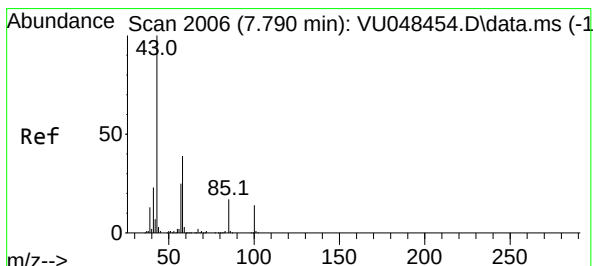
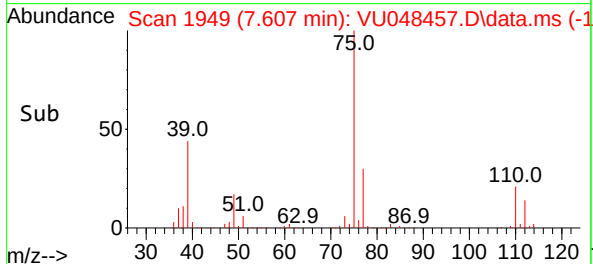
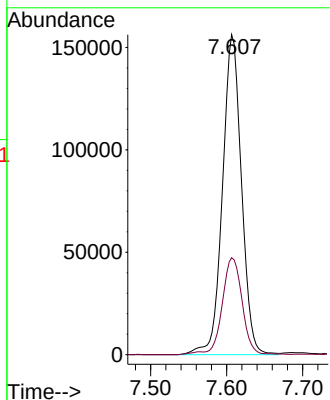
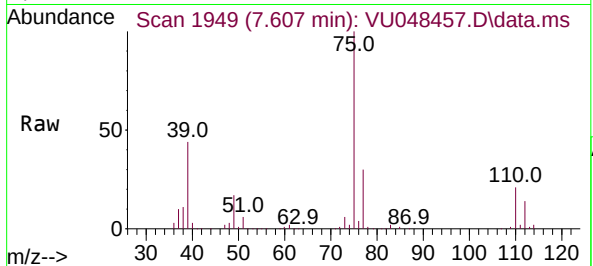




#39
 cis-1,3-Dichloropropene
 Concen: 49.394 ug/L
 RT: 7.607 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VU048457.D
 Acq: 06 May 2022 15:45

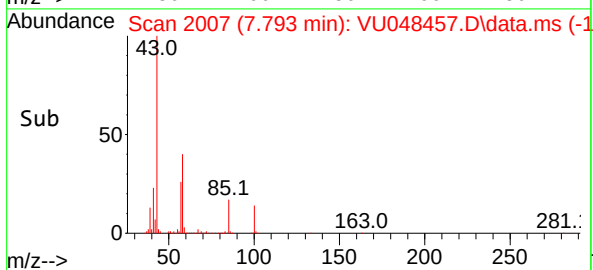
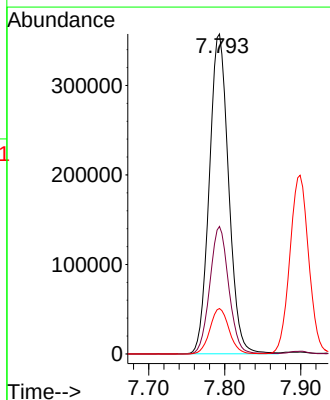
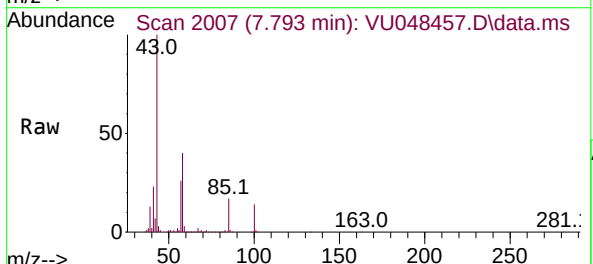
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV067

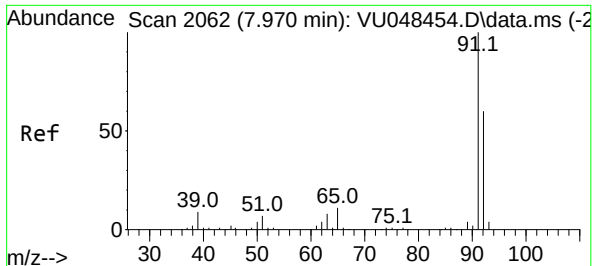
Tgt Ion: 75 Resp: 271077
 Ion Ratio Lower Upper
 75 100
 77 30.3 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 101.974 ug/L
 RT: 7.793 min Scan# 2007
 Delta R.T. 0.003 min
 Lab File: VU048457.D
 Acq: 06 May 2022 15:45

Tgt Ion: 43 Resp: 630420
 Ion Ratio Lower Upper
 43 100
 58 39.1 31.0 46.4
 100 14.1 11.2 16.8





#42

Toluene

Concen: 48.044 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048457.D

Acq: 06 May 2022 15:45

Instrument :

MSVOA_U

ClientSampleId :

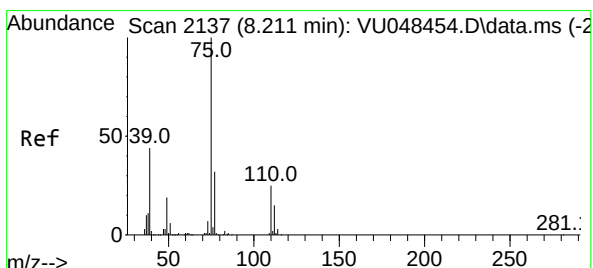
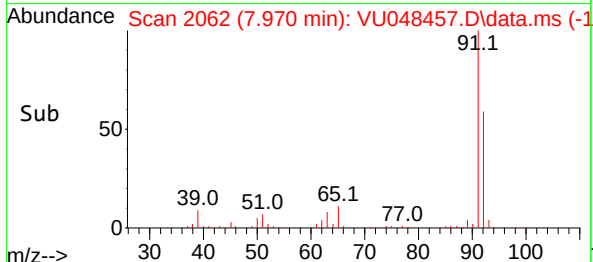
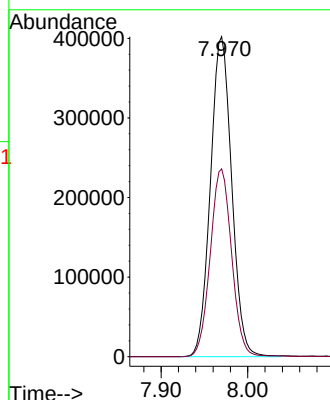
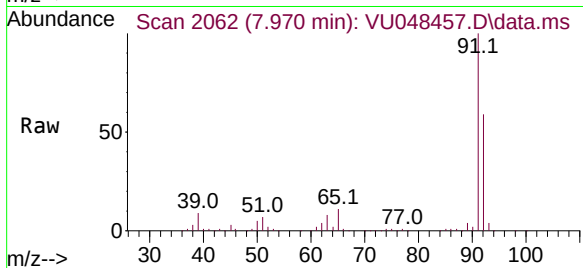
VICV067

Tgt Ion: 91 Resp: 685485

Ion Ratio Lower Upper

91 100

92 58.7 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 48.515 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU048457.D

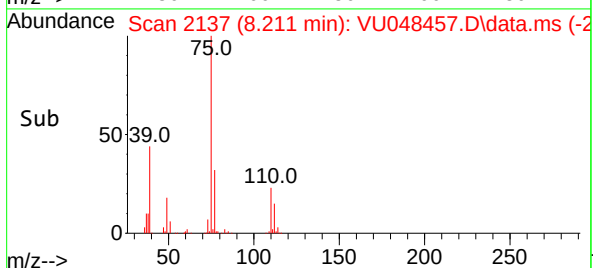
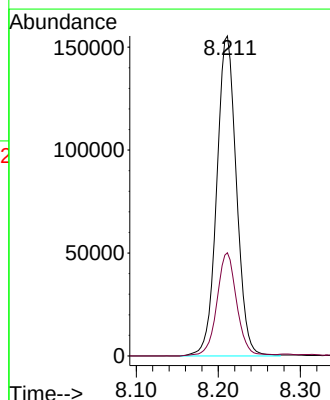
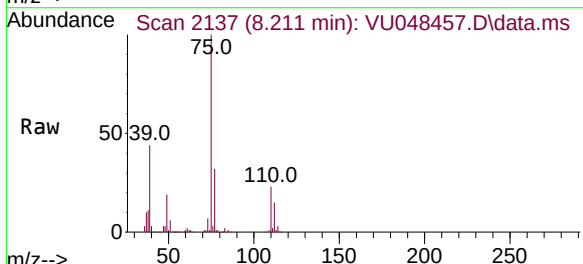
Acq: 06 May 2022 15:45

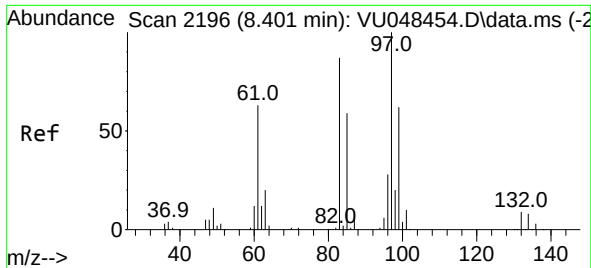
Tgt Ion: 75 Resp: 258744

Ion Ratio Lower Upper

75 100

77 32.3 22.6 42.0



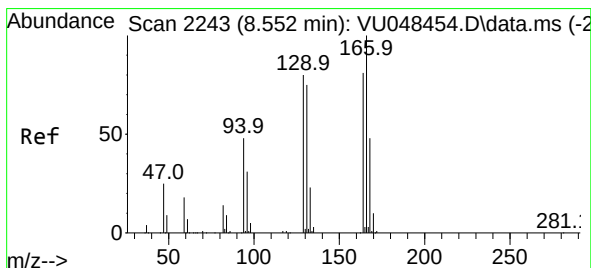
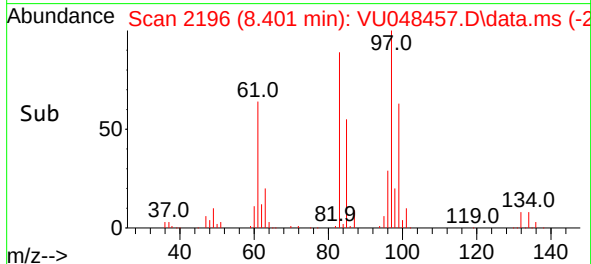
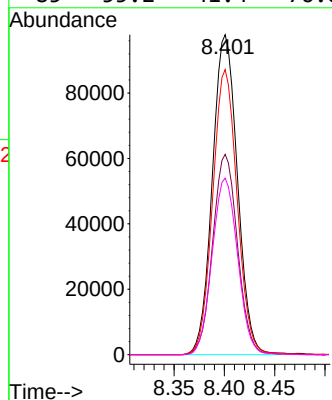
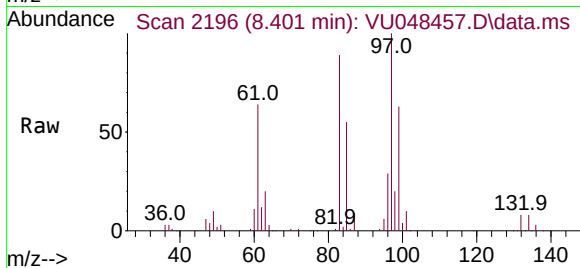


#45
1,1,2-Trichloroethane
Concen: 48.666 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU048457.D
Acq: 06 May 2022 15:45

Instrument :
MSVOA_U
ClientSampleId :
VICV067

Tgt Ion: 97 Resp: 169810

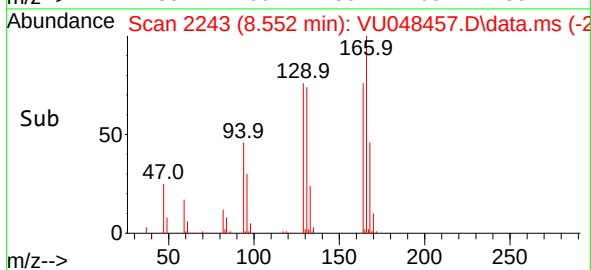
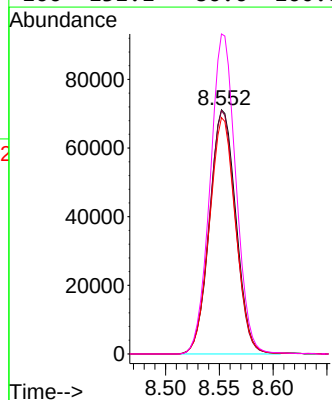
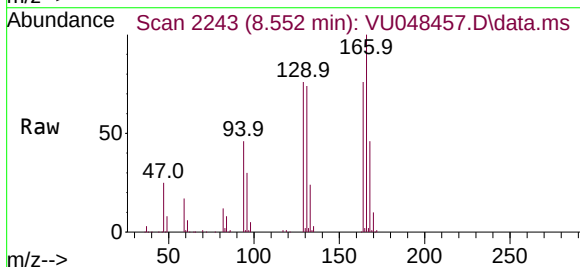
Ion	Ratio	Lower	Upper
97	100		
99	62.6	43.5	80.9
83	89.1	60.5	112.5
85	55.2	41.4	76.8

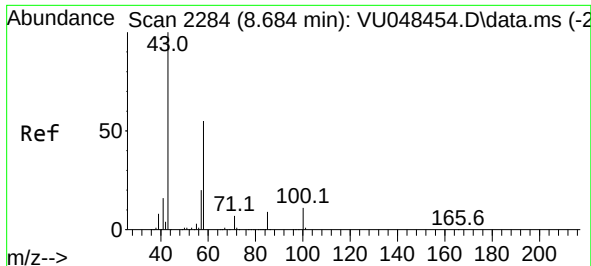


#46
Tetrachloroethene
Concen: 47.552 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU048457.D
Acq: 06 May 2022 15:45

Tgt Ion: 164 Resp: 121391

Ion	Ratio	Lower	Upper
164	100		
129	99.7	69.2	128.6
131	96.8	65.2	121.0
166	131.1	86.6	160.8

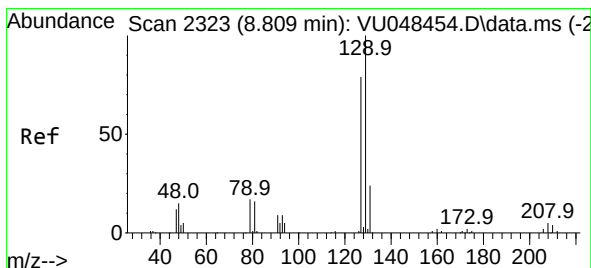
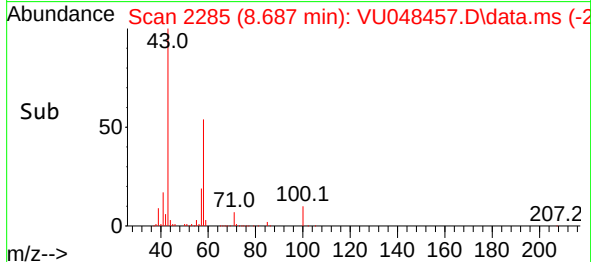
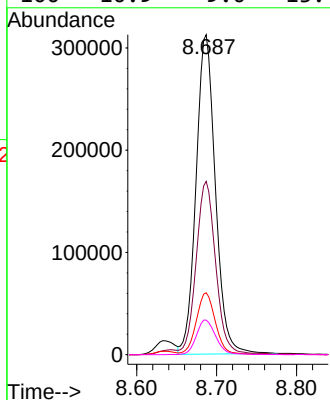
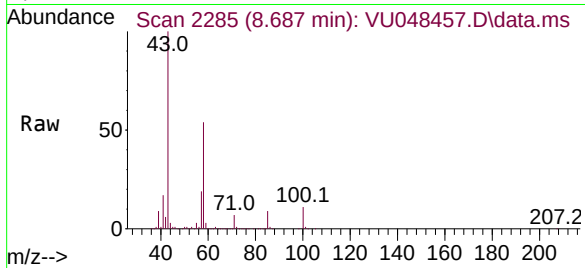




#48
2-Hexanone
Concen: 102.633 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048457.D
Acq: 06 May 2022 15:45

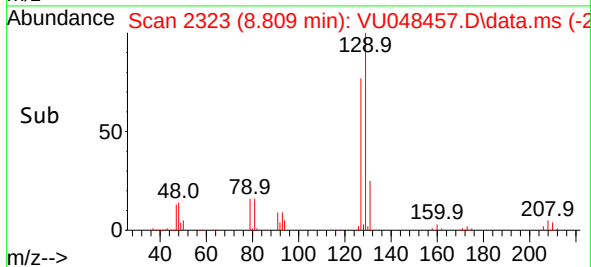
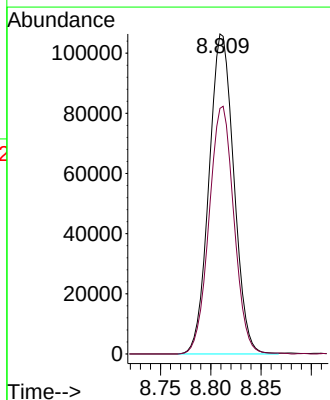
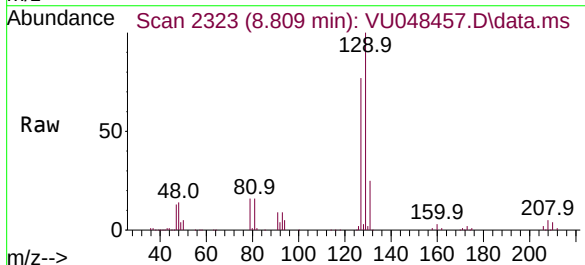
Instrument :
MSVOA_U
ClientSampleId :
VICV067

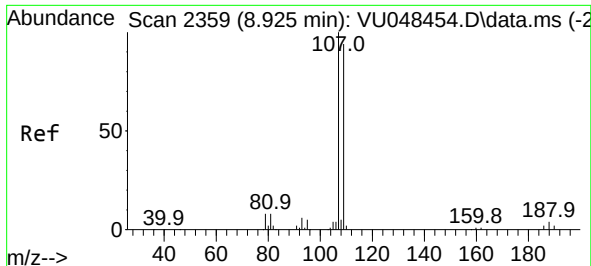
Tgt Ion: 43 Resp: 527309
Ion Ratio Lower Upper
43 100
58 53.8 44.3 66.5
57 19.1 15.7 23.5
100 10.9 9.0 13.4



#49
Dibromochloromethane
Concen: 48.812 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU048457.D
Acq: 06 May 2022 15:45

Tgt Ion: 129 Resp: 182911
Ion Ratio Lower Upper
129 100
127 76.8 55.2 102.4

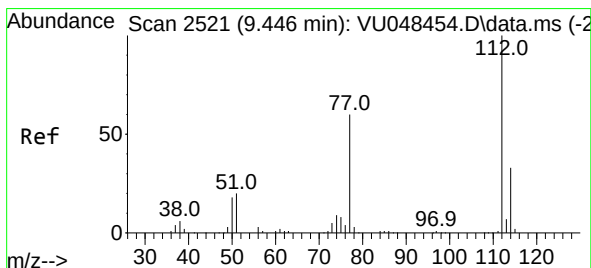
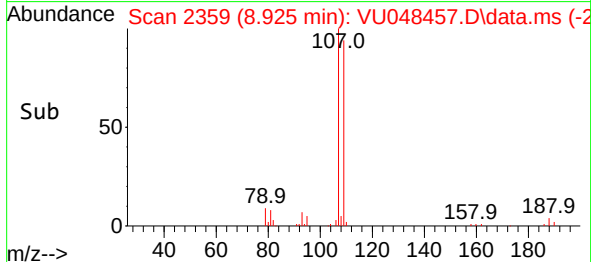
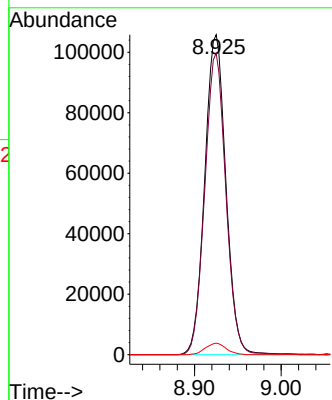
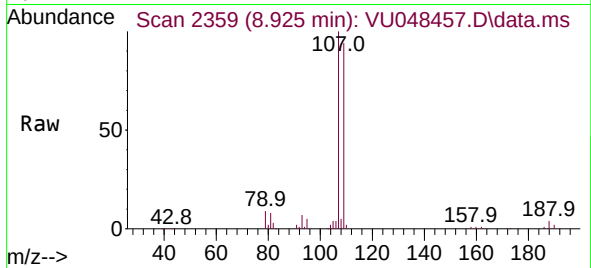




#50
1,2-Dibromoethane
Concen: 48.625 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048457.D
Acq: 06 May 2022 15:45

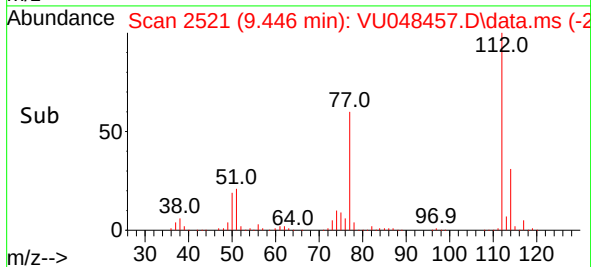
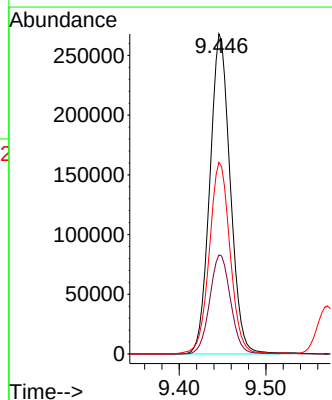
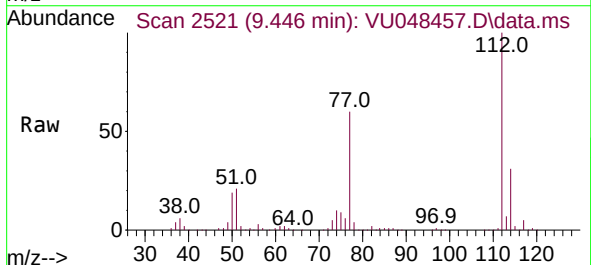
Instrument :
MSVOA_U
ClientSampleId :
VICV067

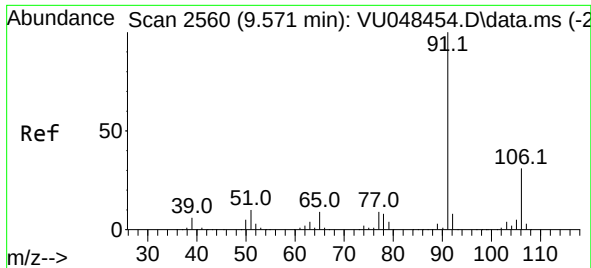
Tgt Ion:107 Resp: 179351
Ion Ratio Lower Upper
107 100
109 94.2 65.7 122.1
188 3.6 2.9 4.3



#51
Chlorobenzene
Concen: 48.783 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU048457.D
Acq: 06 May 2022 15:45

Tgt Ion:112 Resp: 438562
Ion Ratio Lower Upper
112 100
114 30.9 23.0 42.6
77 59.8 48.4 72.6

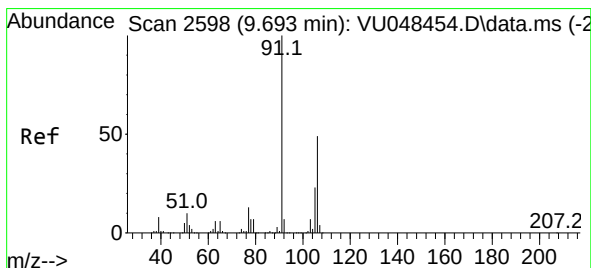
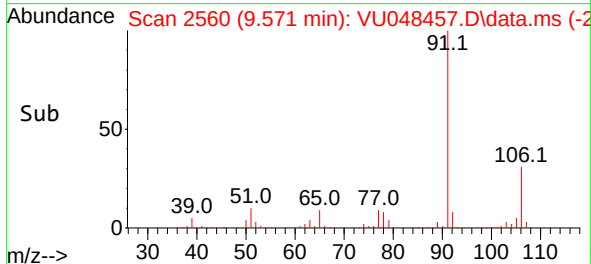
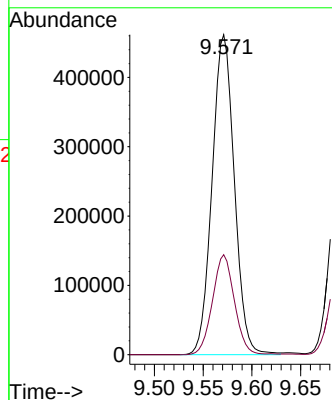
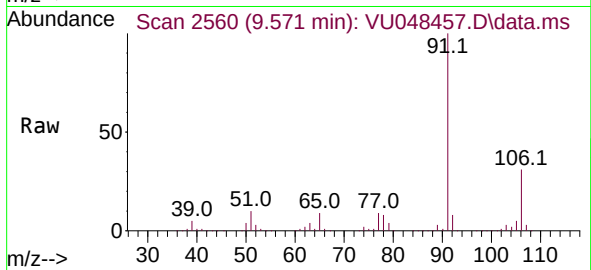




#52
Ethylbenzene
Concen: 49.309 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU048457.D
Acq: 06 May 2022 15:45

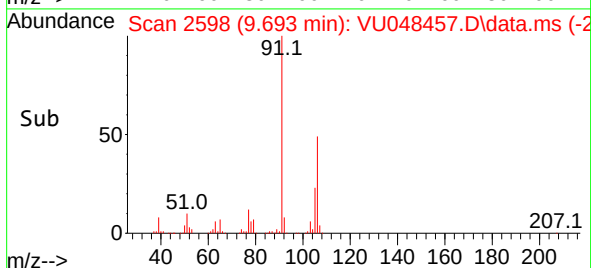
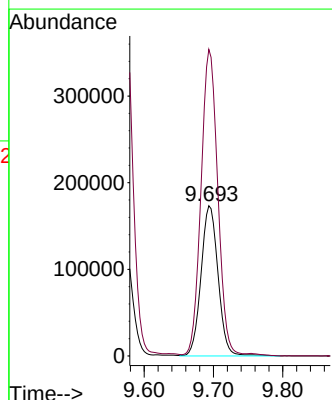
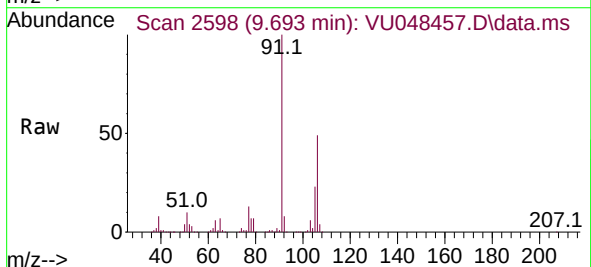
Instrument :
MSVOA_U
ClientSampleId :
VICV067

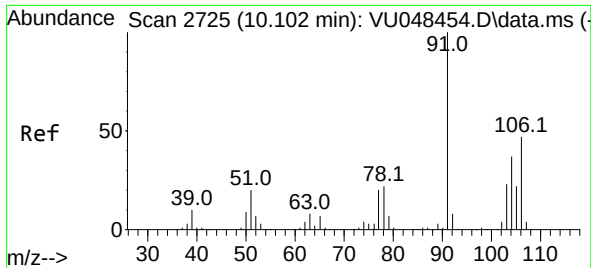
Tgt Ion: 91 Resp: 732878
Ion Ratio Lower Upper
91 100
106 31.2 21.7 40.3



#53
m,p-Xylene
Concen: 51.594 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU048457.D
Acq: 06 May 2022 15:45

Tgt Ion: 106 Resp: 295995
Ion Ratio Lower Upper
106 100
91 204.1 144.1 267.7

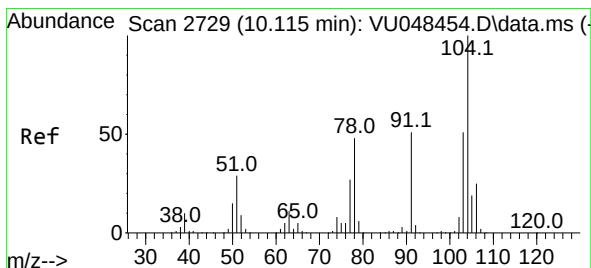
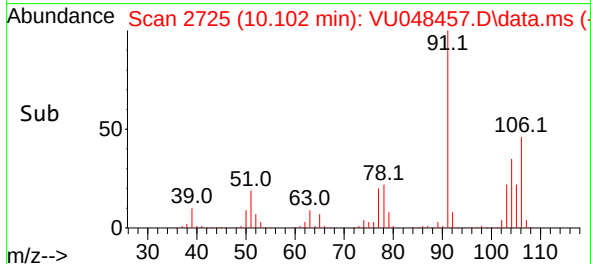
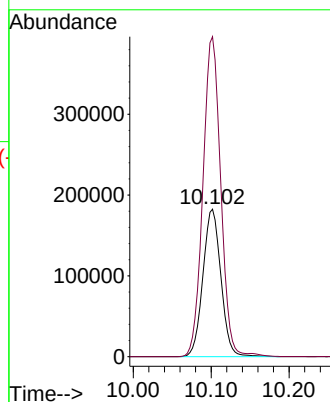
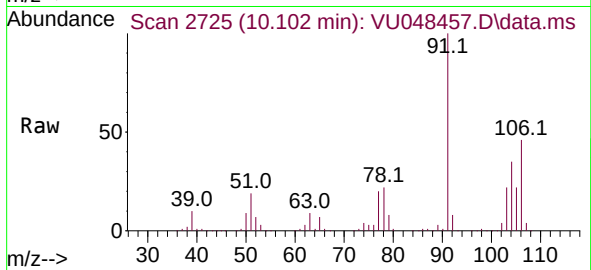




#54
o-Xylene
Concen: 50.786 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU048457.D
Acq: 06 May 2022 15:45

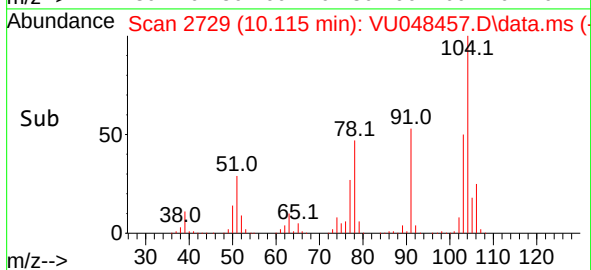
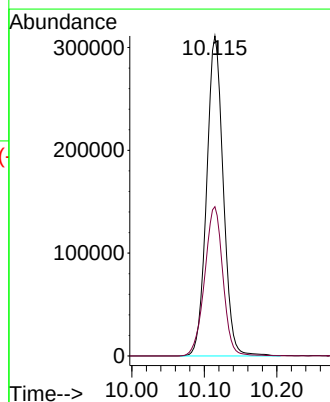
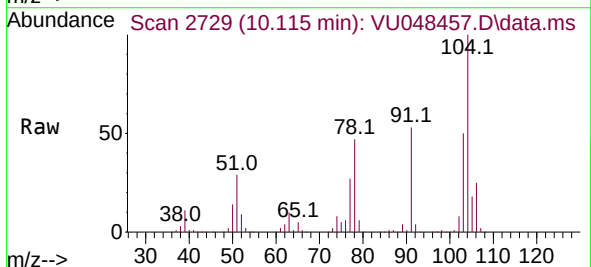
Instrument :
MSVOA_U
ClientSampleId :
VICV067

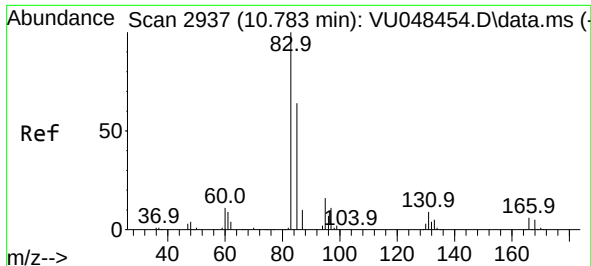
Tgt Ion:106 Resp: 293131
Ion Ratio Lower Upper
106 100
91 217.0 148.8 276.4



#55
Styrene
Concen: 52.895 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU048457.D
Acq: 06 May 2022 15:45

Tgt Ion:104 Resp: 496390
Ion Ratio Lower Upper
104 100
78 46.7 33.4 62.0

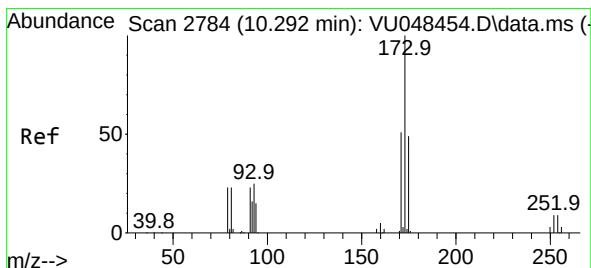
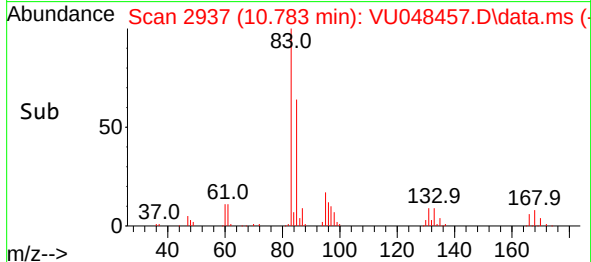
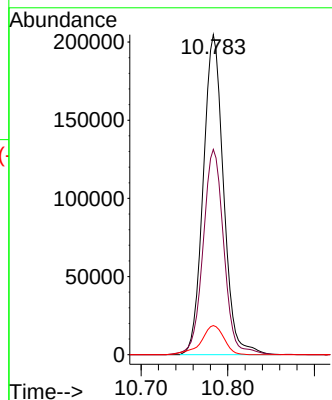
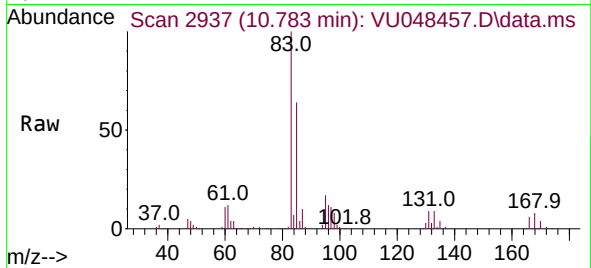




#57
1,1,2,2-Tetrachloroethane
Concen: 50.937 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU048457.D
Acq: 06 May 2022 15:45

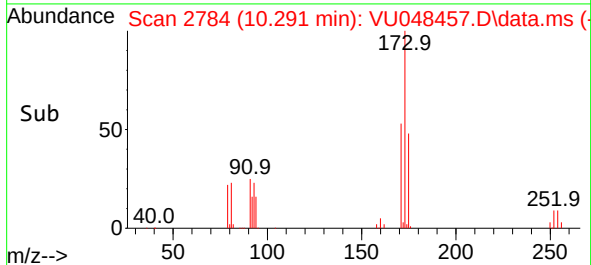
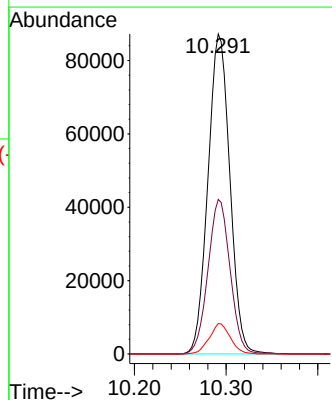
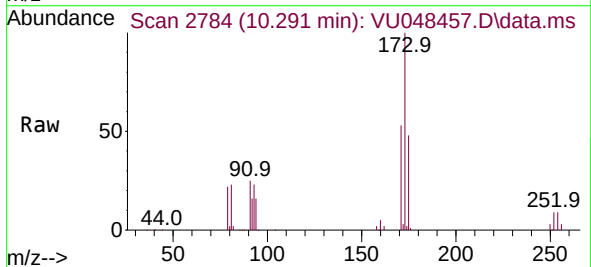
Instrument :
MSVOA_U
ClientSampleId :
VICV067

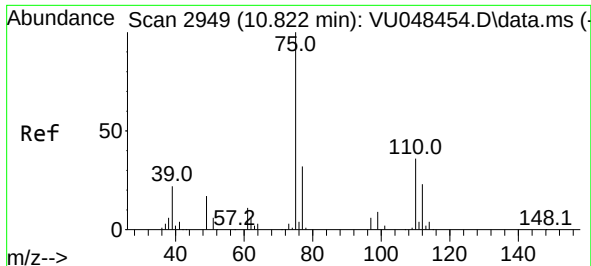
Tgt Ion: 83 Resp: 333118
Ion Ratio Lower Upper
83 100
85 64.2 45.4 84.4
131 9.1 7.4 11.0



#59
Bromoform
Concen: 48.025 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU048457.D
Acq: 06 May 2022 15:45

Tgt Ion:173 Resp: 144863
Ion Ratio Lower Upper
173 100
175 48.6 39.1 58.7
254 9.1 7.3 10.9

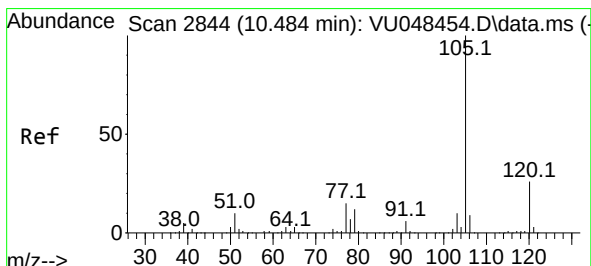
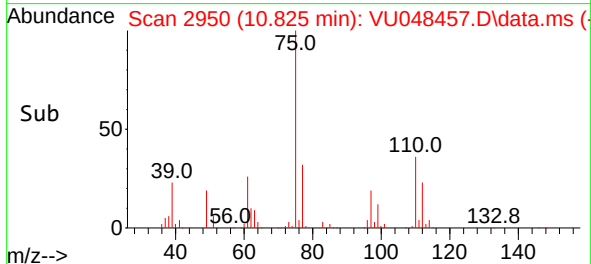
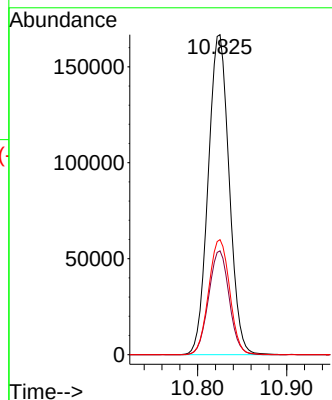
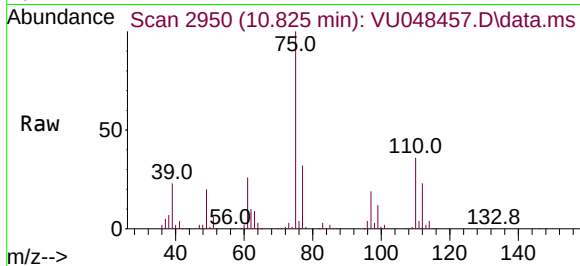




#60
1,2,3-Trichloropropane
Concen: 49.066 ug/L
RT: 10.825 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU048457.D
Acq: 06 May 2022 15:45

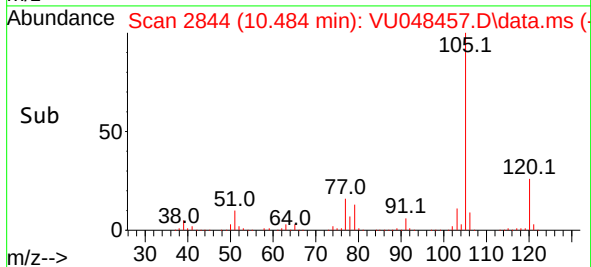
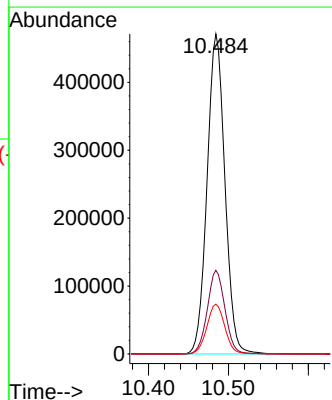
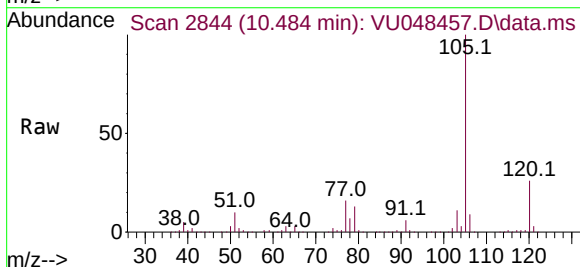
Instrument :
MSVOA_U
ClientSampleId :
VICV067

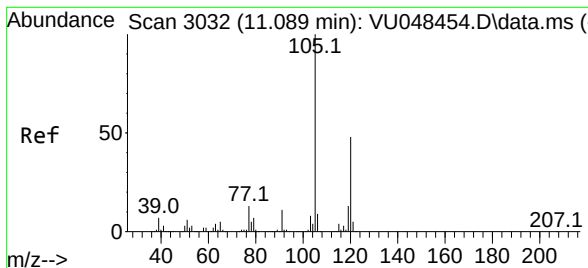
Tgt Ion: 75 Resp: 272411
Ion Ratio Lower Upper
75 100
77 31.9 25.5 38.3
110 36.1 28.9 43.3



#61
Isopropylbenzene
Concen: 49.029 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU048457.D
Acq: 06 May 2022 15:45

Tgt Ion: 105 Resp: 730713
Ion Ratio Lower Upper
105 100
120 25.9 21.0 31.4
77 15.7 12.5 18.7





#62

1,3,5-Trimethylbenzene

Concen: 50.089 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU048457.D

Acq: 06 May 2022 15:45

Instrument :

MSVOA_U

ClientSampleId :

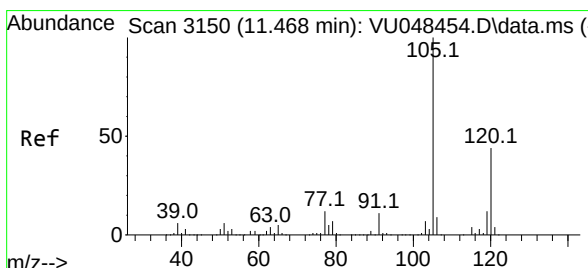
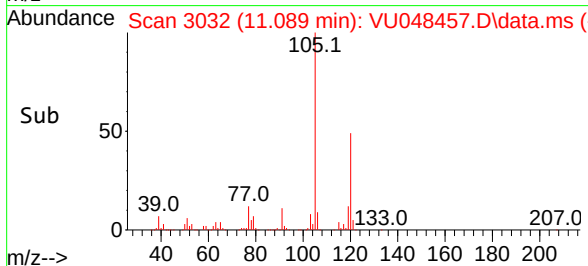
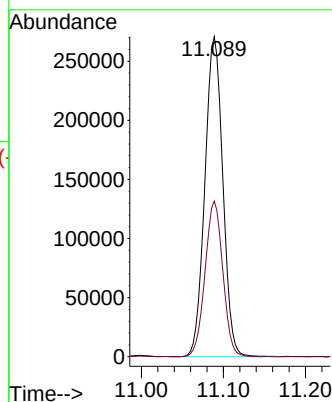
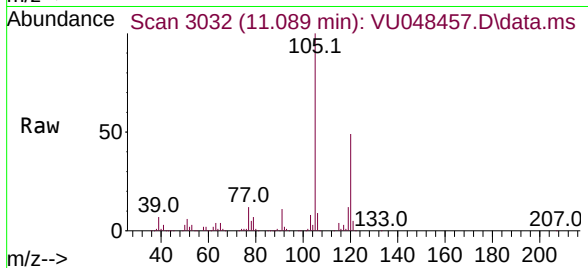
VICV067

Tgt Ion:105 Resp: 411513

Ion Ratio Lower Upper

105 100

120 48.2 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 52.242 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU048457.D

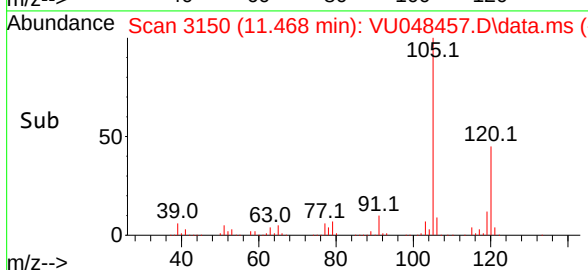
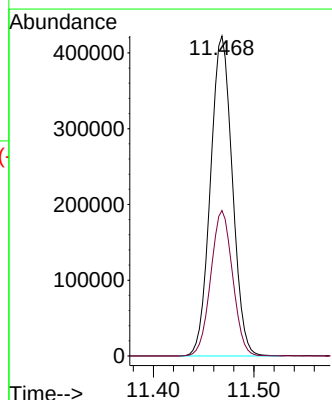
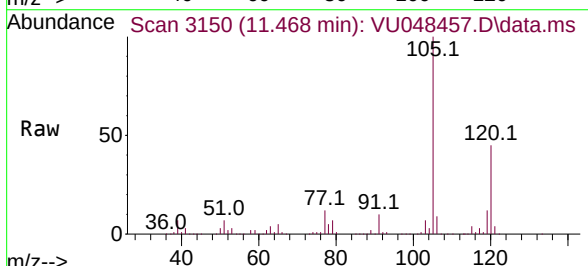
Acq: 06 May 2022 15:45

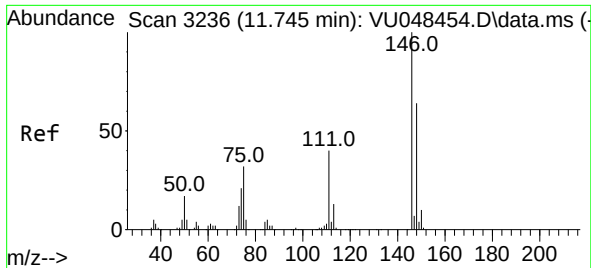
Tgt Ion:105 Resp: 639195

Ion Ratio Lower Upper

105 100

120 45.3 35.4 53.2

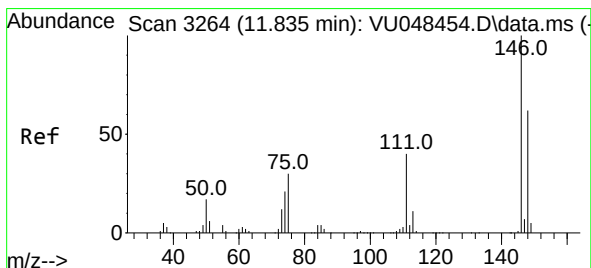
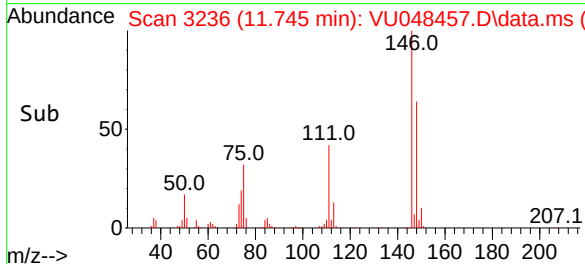
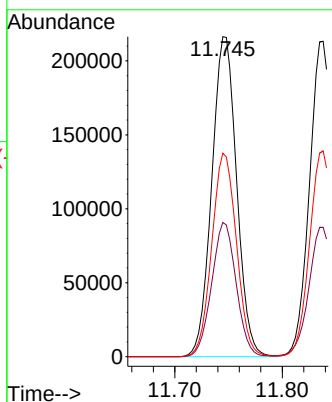
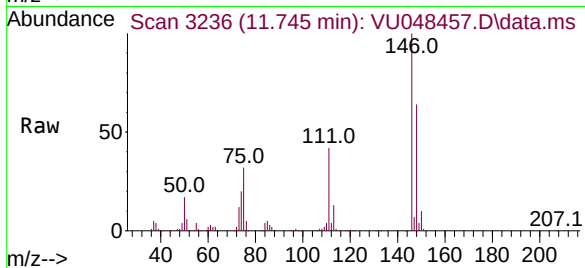




#64
 1,3-Dichlorobenzene
 Concen: 49.430 ug/L
 RT: 11.745 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU048457.D
 Acq: 06 May 2022 15:45

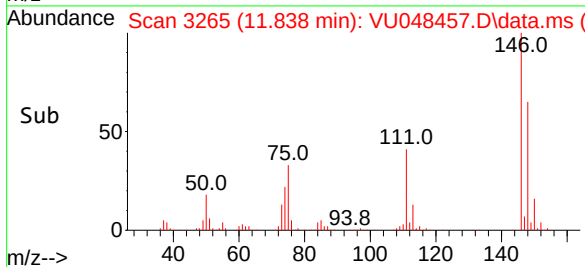
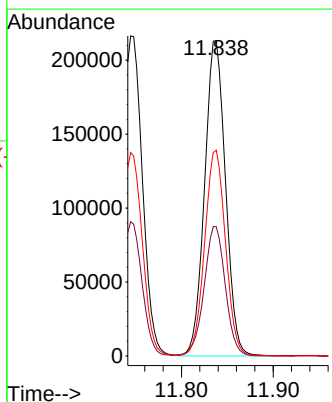
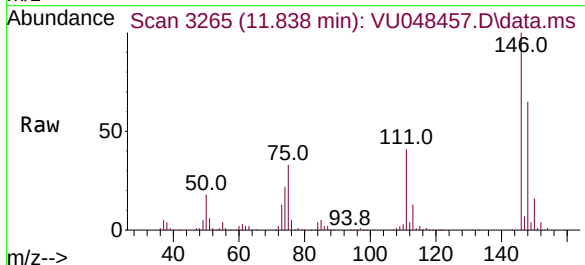
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV067

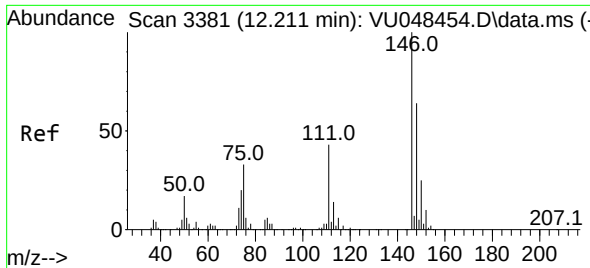
Tgt Ion:146 Resp: 347442
 Ion Ratio Lower Upper
 146 100
 111 41.9 28.3 52.7
 148 63.6 44.7 83.1



#65
 1,4-Dichlorobenzene
 Concen: 47.948 ug/L
 RT: 11.838 min Scan# 3265
 Delta R.T. 0.003 min
 Lab File: VU048457.D
 Acq: 06 May 2022 15:45

Tgt Ion:146 Resp: 337903
 Ion Ratio Lower Upper
 146 100
 111 41.0 28.4 52.8
 148 65.2 43.4 80.6

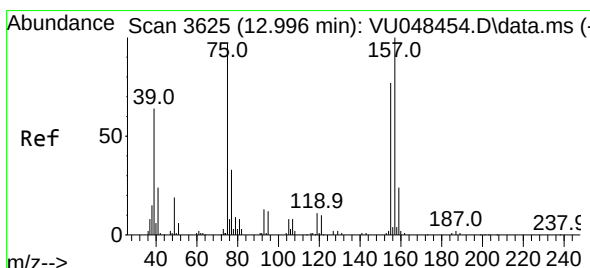
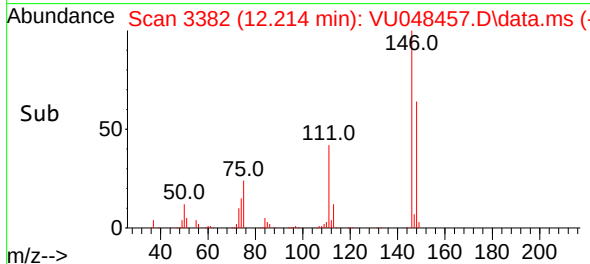
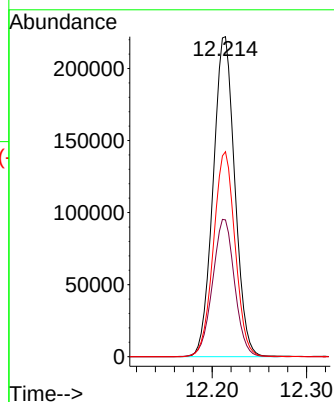
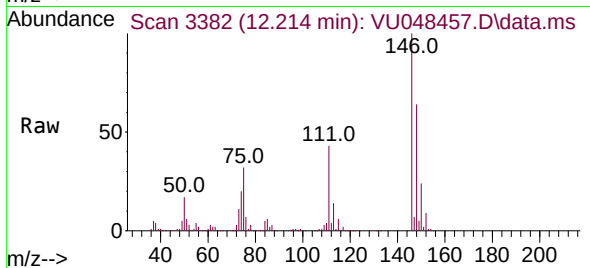




#67
1,2-Dichlorobenzene
Concen: 49.218 ug/L
RT: 12.214 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU048457.D
Acq: 06 May 2022 15:45

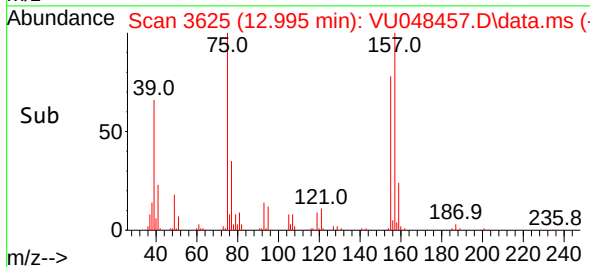
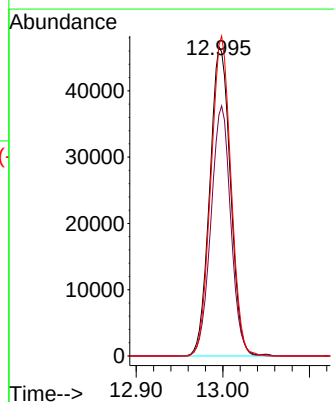
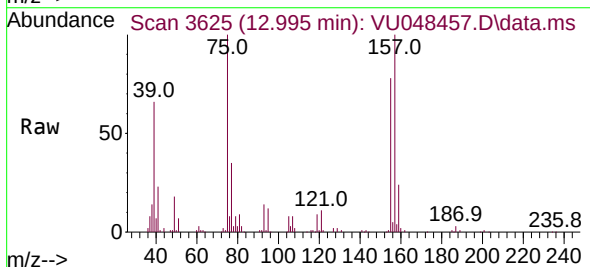
Instrument :
MSVOA_U
ClientSampleId :
VICV067

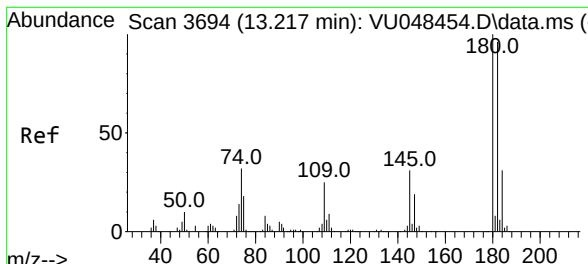
Tgt Ion:146 Resp: 354030
Ion Ratio Lower Upper
146 100
111 42.7 34.9 52.3
148 64.1 50.8 76.2



#68
1,2-Dibromo-3-chloropropane
Concen: 47.680 ug/L
RT: 12.995 min Scan# 3625
Delta R.T. -0.000 min
Lab File: VU048457.D
Acq: 06 May 2022 15:45

Tgt Ion: 75 Resp: 77586
Ion Ratio Lower Upper
75 100
155 77.9 63.4 95.0
157 100.4 82.2 123.2

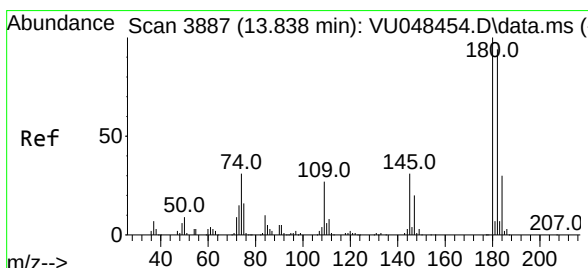
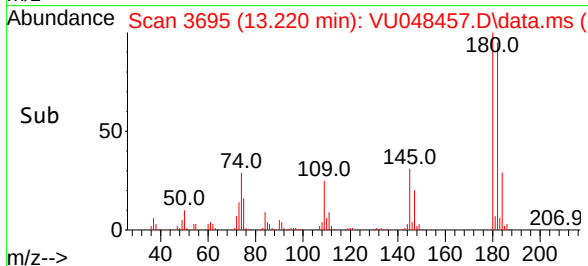
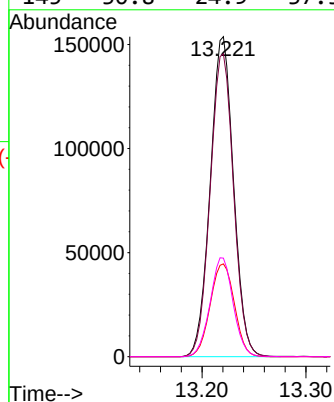
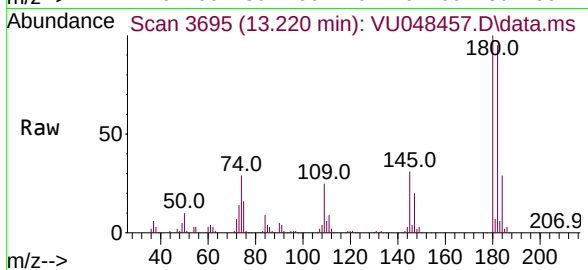




#69
 1,3,5-Trichlorobenzene
 Concen: 48.029 ug/L
 RT: 13.220 min Scan# 3695
 Delta R.T. 0.003 min
 Lab File: VU048457.D
 Acq: 06 May 2022 15:45

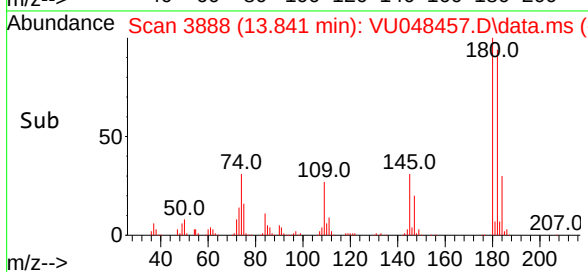
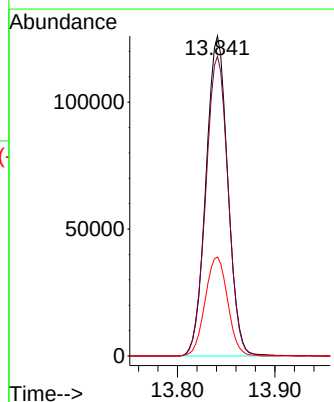
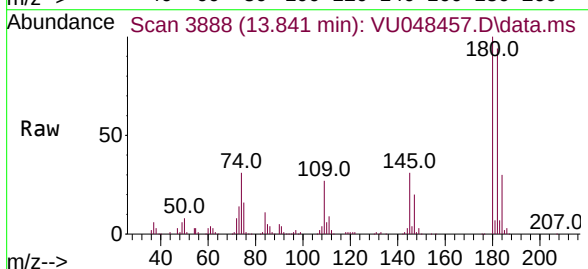
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV067

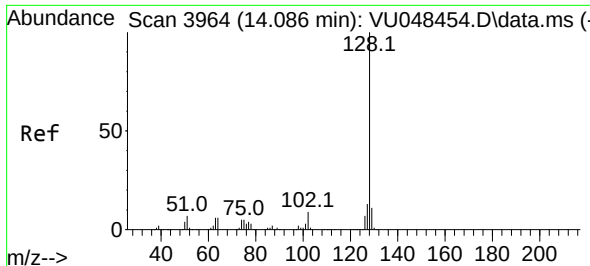
Tgt Ion:	180	Resp:	238699
Ion Ratio	Lower	Upper	
180	100		
182	95.2	75.7	113.5
184	30.2	23.8	35.8
145	30.8	24.9	37.3



#70
 1,2,4-trichlorobenzene
 Concen: 45.418 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU048457.D
 Acq: 06 May 2022 15:45

Tgt Ion:	180	Resp:	196024
Ion Ratio	Lower	Upper	
180	100		
182	96.0	77.1	115.7
145	31.9	24.9	37.3

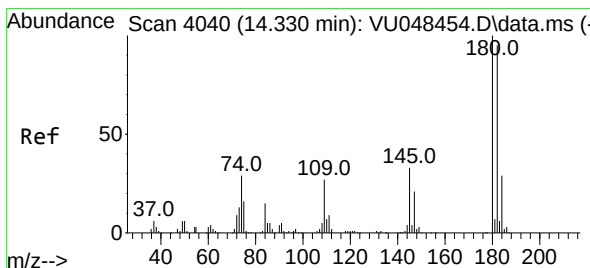
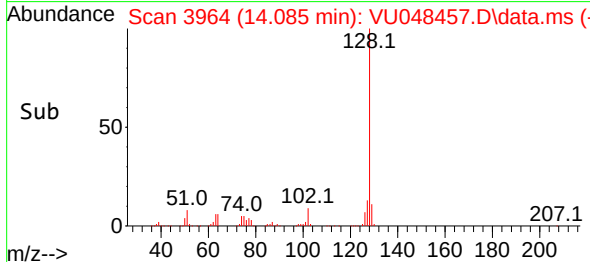
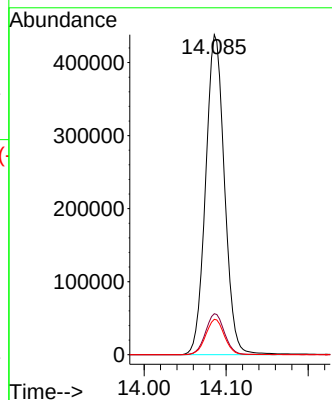
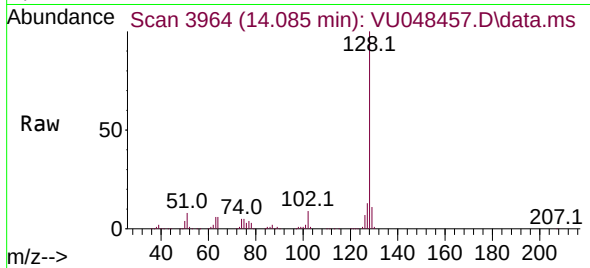




#71
Naphthalene
Concen: 42.105 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU048457.D
Acq: 06 May 2022 15:45

Instrument :
MSVOA_U
ClientSampleId :
VICV067

Tgt Ion:128 Resp: 699821
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 11.0 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 43.726 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU048457.D
Acq: 06 May 2022 15:45

Tgt Ion:180 Resp: 200717
Ion Ratio Lower Upper
180 100
182 95.0 75.4 113.2
145 33.8 26.4 39.6

