

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
 Data File : VU048262.D
 Acq On : 25 Apr 2022 11:06
 Operator : SY/MD
 Sample : VSTD10059
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100059

Quant Time: Apr 26 02:20:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 26 02:18:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	383429	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	410136	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	246969	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	356038	122.302	ug/L	0.00
7) Chloroethane-d5	1.887	69	207037	90.746	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.562	63	565594	106.916	ug/L	0.00
21) 2-Butanone-d5	4.626	46	654147	259.229	ug/L	0.00
24) Chloroform-d	5.063	84	641592	119.512	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	382450	117.152	ug/L	0.00
32) Benzene-d6	5.726	84	1332743	123.077	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	436996	128.594	ug/L	0.00
41) Toluene-d8	7.899	98	1252594	120.341	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	202892	121.293	ug/L	0.00
47) 2-Hexanone-d5	8.642	63	560845	279.920	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	792763	133.915	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	573087	123.425	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	275558	76.641	ug/L	100
3) Chloromethane	1.520	50	305721	87.134	ug/L	98
5) Vinyl chloride	1.607	62	321505	89.348	ug/L	97
6) Bromomethane	1.838	94	136228	73.562	ug/L	99
8) Chloroethane	1.906	64	188962	84.235	ug/L	99
9) Trichlorofluoromethane	2.124	101	421705	83.846	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	272856	91.926	ug/L	99
12) 1,1-Dichloroethene	2.575	96	244685	89.268	ug/L	99
13) Acetone	2.629	43	331126	144.965	ug/L	99
14) Carbon disulfide	2.787	76	595778	71.709	ug/L	100
15) Methyl Acetate	2.948	43	381479	100.769	ug/L	99
16) Methylene chloride	3.044	84	309960	96.137	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	258353	87.717	ug/L	100
18) Methyl tert-butyl Ether	3.366	73	892819	103.514	ug/L	99
19) 1,1-Dichloroethane	3.867	63	527944	100.554	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	321012	97.061	ug/L	97
22) 2-Butanone	4.706	43	573233	188.094	ug/L	99
23) Bromochloromethane	4.976	128	171539	95.010	ug/L	99
25) Chloroform	5.089	83	546515	97.419	ug/L	99
27) 1,2-Dichloroethane	5.793	62	398223	92.874	ug/L	100
29) Cyclohexane	5.388	56	411521	94.642	ug/L	99
30) 1,1,1-Trichloroethane	5.317	97	449340	92.170	ug/L	99
31) Carbon tetrachloride	5.523	117	387587	89.264	ug/L	100
33) Benzene	5.774	78	1202948	95.952	ug/L	100
34) Trichloroethene	6.542	95	290673	89.891	ug/L	99
35) Methylcyclohexane	6.764	83	436965	89.227	ug/L	99
37) 1,2-Dichloropropane	6.790	63	333807	102.168	ug/L	100
38) Bromodichloromethane	7.105	83	422483	96.336	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	503534	101.328	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	1119132	214.448	ug/L	99
42) Toluene	7.970	91	1317959	96.430	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	496739	100.333	ug/L	99

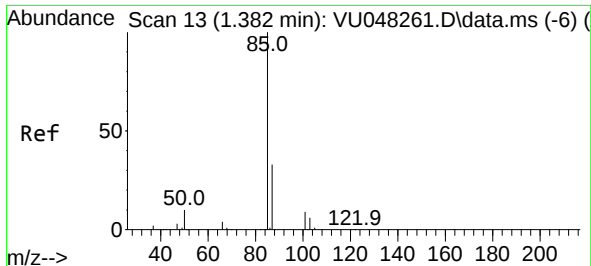
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
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 QLast Update : Tue Apr 26 02:18:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	353753	102.165	ug/L	99
46) Tetrachloroethene	8.552	164	250815	86.727	ug/L	100
48) 2-Hexanone	8.693	43	944104	212.051	ug/L	99
49) Dibromochloromethane	8.812	129	401469	101.363	ug/L	100
50) 1,2-Dibromoethane	8.925	107	370217	97.707	ug/L	99
51) Chlorobenzene	9.449	112	903086	96.240	ug/L	100
52) Ethylbenzene	9.571	91	1415767	97.926	ug/L	99
53) m,p-Xylene	9.693	106	573576	100.752	ug/L	99
54) o-Xylene	10.102	106	568257	100.792	ug/L	98
55) Styrene	10.115	104	994570	102.895	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	721986	109.467	ug/L	99
59) Bromoform	10.295	173	344480	101.387	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	554030	108.222	ug/L	100
61) Isopropylbenzene	10.484	105	1435834	100.466	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	794109	102.176	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	1254493	105.457	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	773726	97.515	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	769666	94.624	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	805766	101.277	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	157372	99.772	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	588710	92.969	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	492046	90.599	ug/L	99
71) Naphthalene	14.085	128	1613188	99.713	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	516721	94.322	ug/L	99

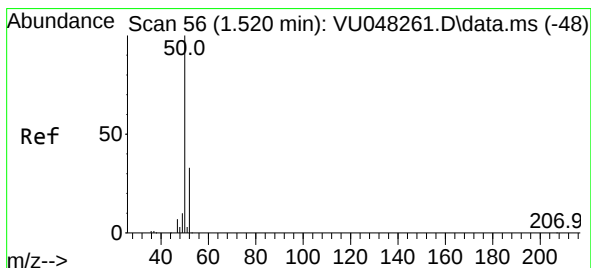
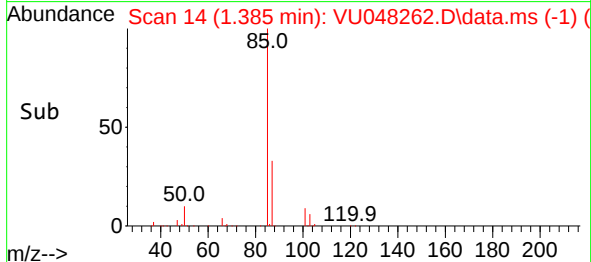
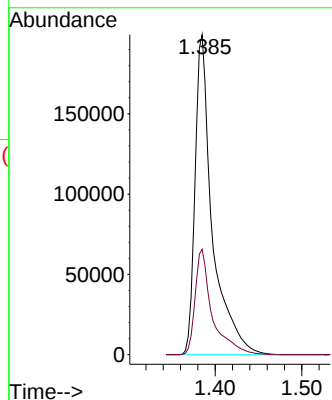
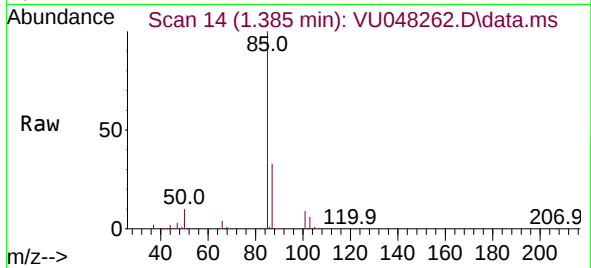
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 76.641 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU048262.D
Acq: 25 Apr 2022 11:06

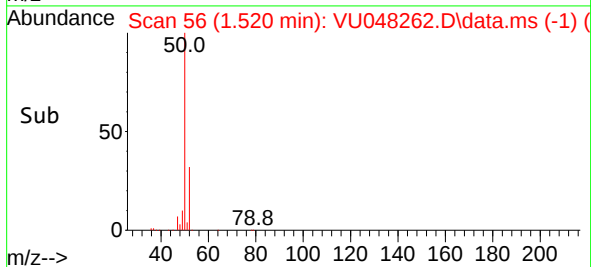
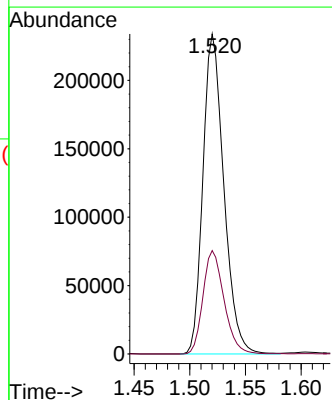
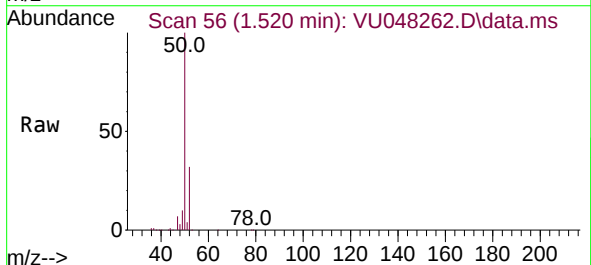
Instrument :
MSVOA_U
ClientSampleId :
VSTD100059

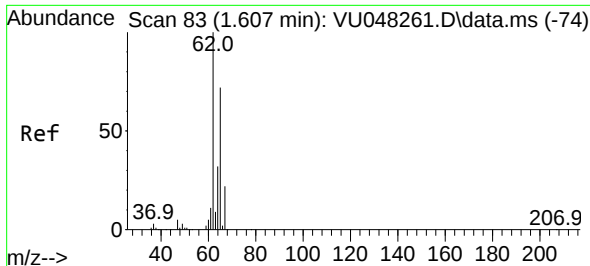
Tgt Ion: 85 Resp: 275558
Ion Ratio Lower Upper
85 100
87 32.7 26.1 39.1



#3
Chloromethane
Concen: 87.134 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU048262.D
Acq: 25 Apr 2022 11:06

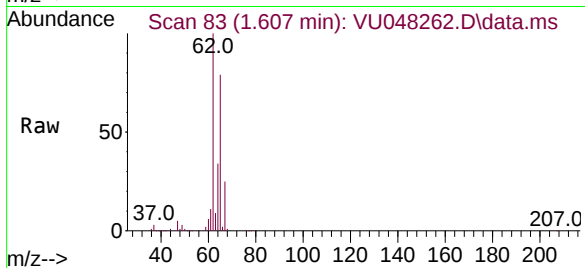
Tgt Ion: 50 Resp: 305721
Ion Ratio Lower Upper
50 100
52 32.3 23.2 43.2



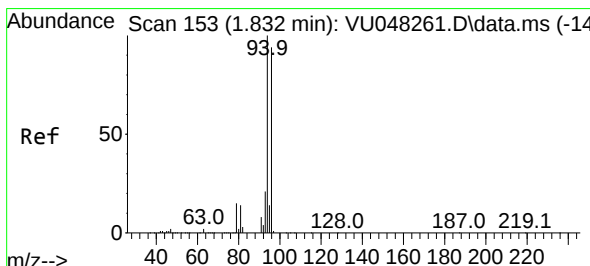
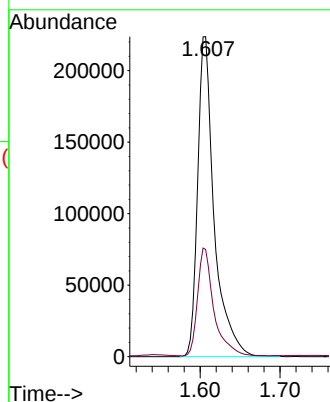
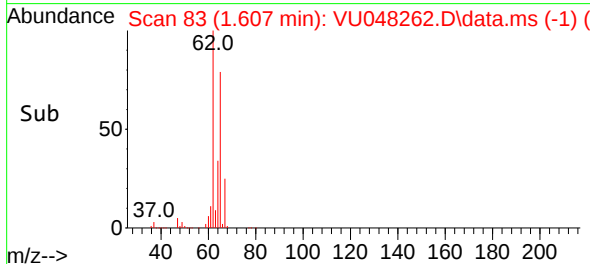


#5
 Vinyl chloride
 Concen: 89.348 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU048262.D
 Acq: 25 Apr 2022 11:06

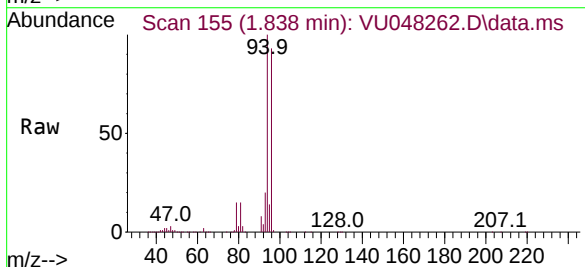
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100059



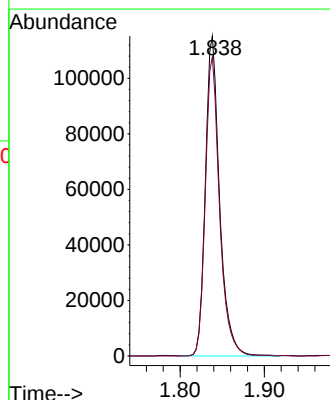
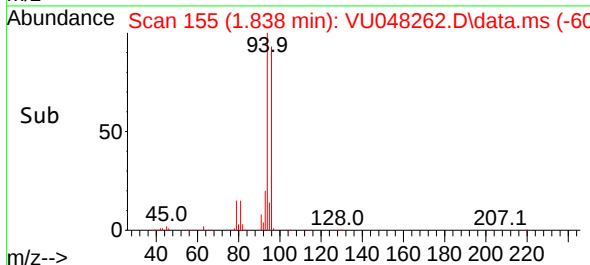
Tgt Ion: 62 Resp: 321505
 Ion Ratio Lower Upper
 62 100
 64 33.5 22.5 41.7

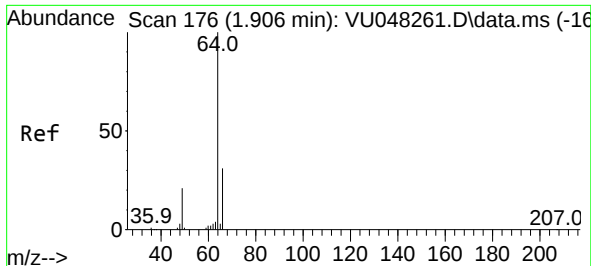


#6
 Bromomethane
 Concen: 73.562 ug/L
 RT: 1.838 min Scan# 155
 Delta R.T. 0.006 min
 Lab File: VU048262.D
 Acq: 25 Apr 2022 11:06



Tgt Ion: 94 Resp: 136228
 Ion Ratio Lower Upper
 94 100
 96 93.5 65.8 122.2

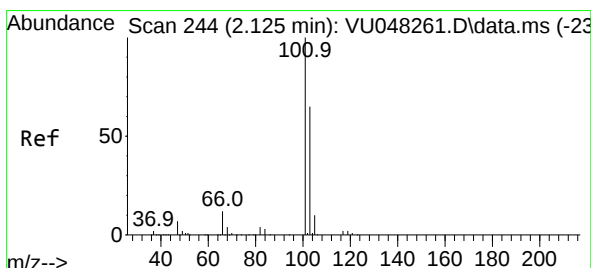
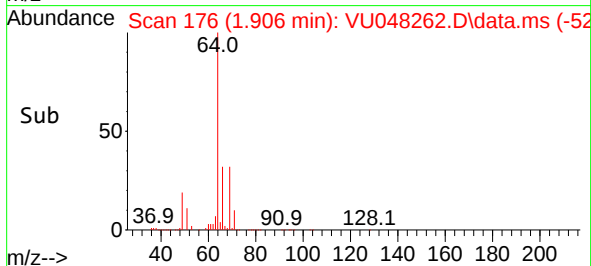
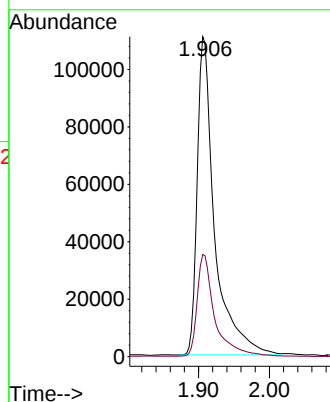
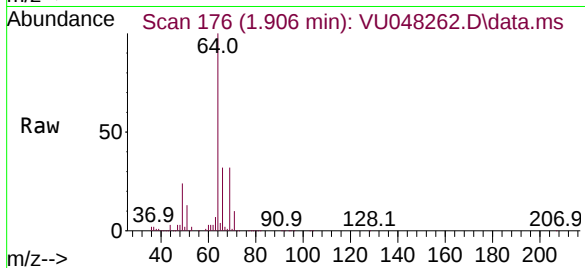




#8
Chloroethane
Concen: 84.235 ug/L
RT: 1.906 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU048262.D
Acq: 25 Apr 2022 11:06

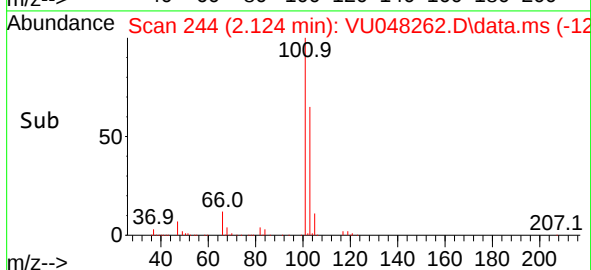
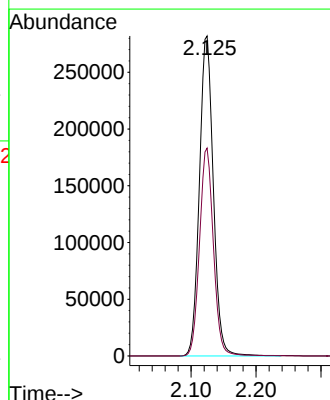
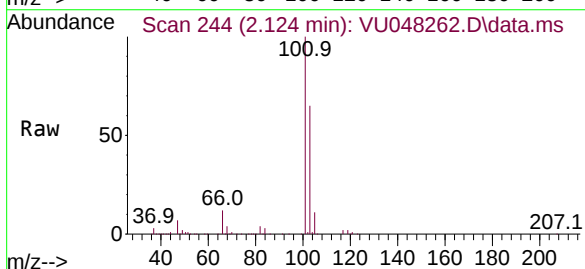
Instrument :
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VSTD100059

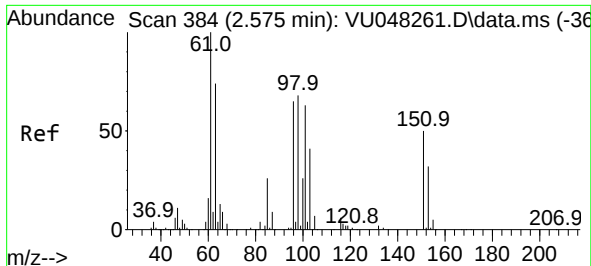
Tgt Ion: 64 Resp: 188962
Ion Ratio Lower Upper
64 100
66 32.0 21.9 40.7



#9
Trichlorofluoromethane
Concen: 83.846 ug/L
RT: 2.124 min Scan# 244
Delta R.T. -0.000 min
Lab File: VU048262.D
Acq: 25 Apr 2022 11:06

Tgt Ion:101 Resp: 421705
Ion Ratio Lower Upper
101 100
103 64.8 51.9 77.9

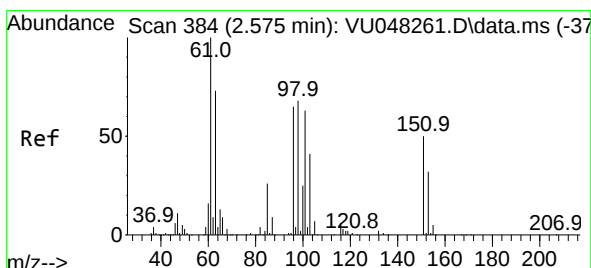
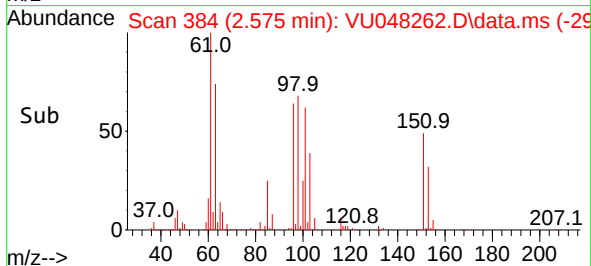
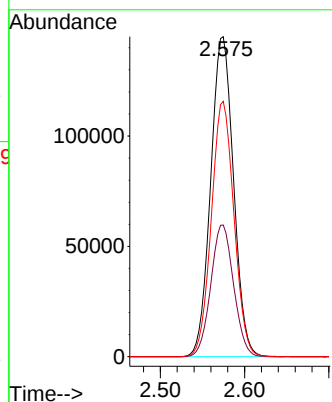
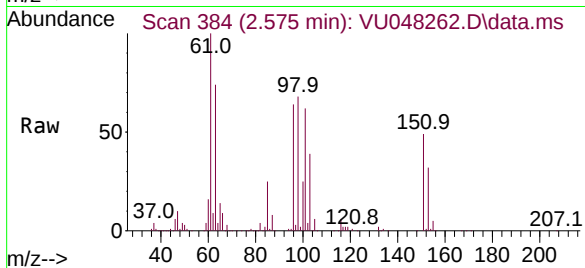




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 91.926 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.000 min
Lab File: VU048262.D
Acq: 25 Apr 2022 11:06

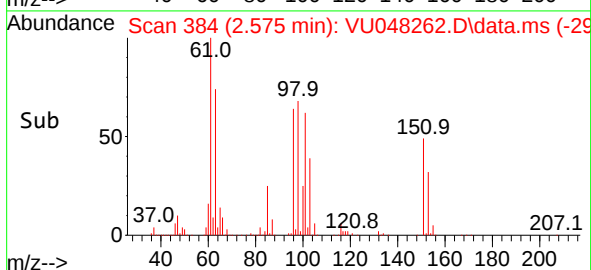
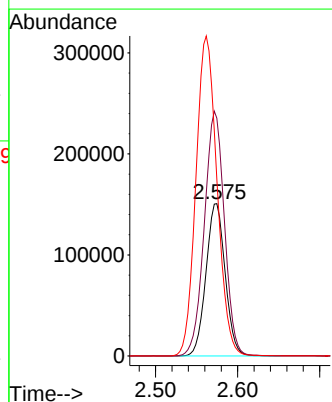
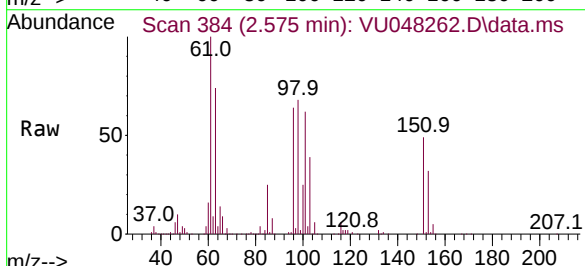
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MSVOA_U
ClientSampleId :
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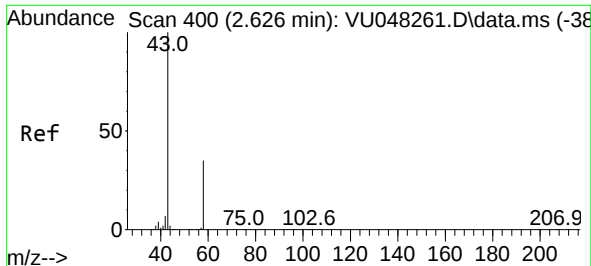
Tgt Ion:101 Resp: 272856
Ion Ratio Lower Upper
101 100
85 41.2 32.6 48.8
151 79.0 64.1 96.1



#12
1,1-Dichloroethene
Concen: 89.268 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.000 min
Lab File: VU048262.D
Acq: 25 Apr 2022 11:06

Tgt Ion: 96 Resp: 244685
Ion Ratio Lower Upper
96 100
61 156.0 107.9 200.3
63 116.0 80.3 149.1





#13

Acetone

Concen: 144.965 ug/L

RT: 2.629 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU048262.D

Acq: 25 Apr 2022 11:06

Instrument :

MSVOA_U

ClientSampleId :

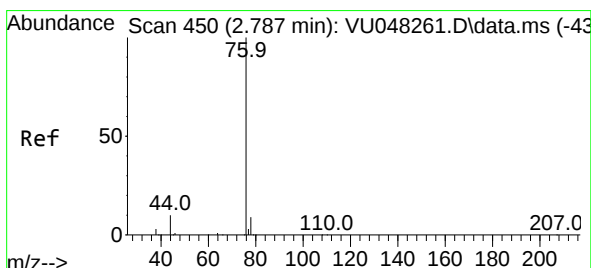
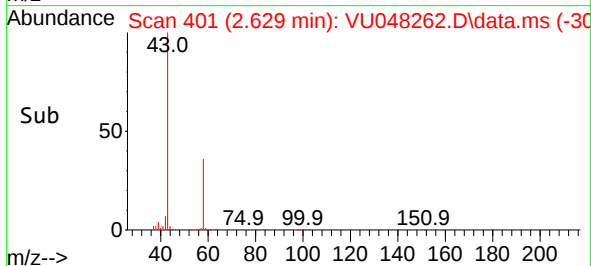
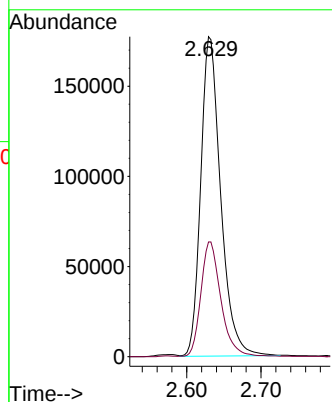
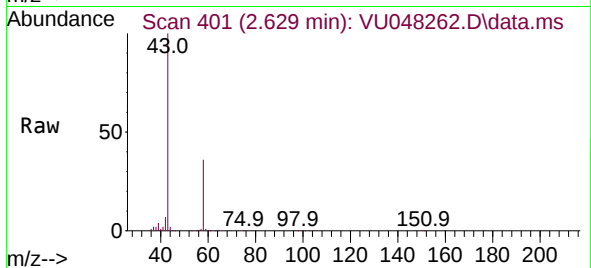
VSTD100059

Tgt Ion: 43 Resp: 331126

Ion Ratio Lower Upper

43 100

58 36.1 0.0 71.2



#14

Carbon disulfide

Concen: 71.709 ug/L

RT: 2.787 min Scan# 450

Delta R.T. -0.000 min

Lab File: VU048262.D

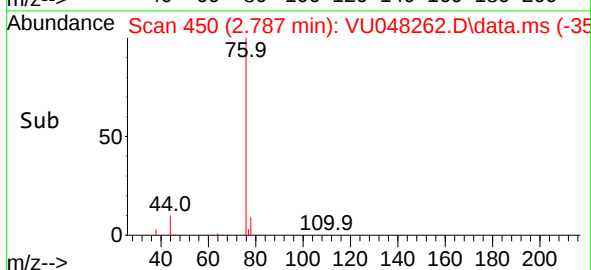
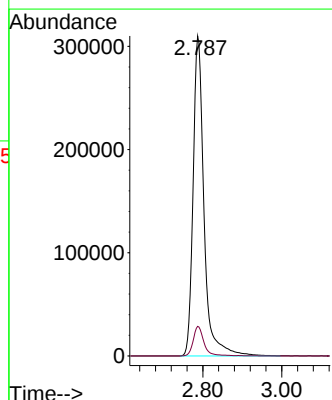
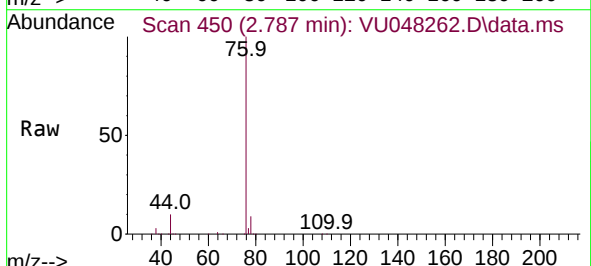
Acq: 25 Apr 2022 11:06

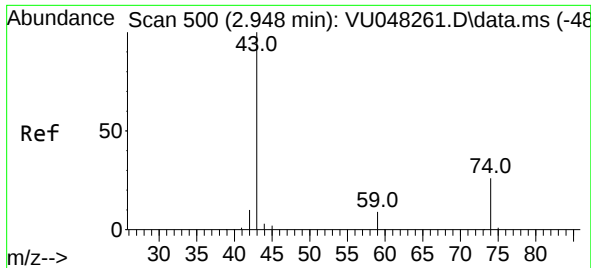
Tgt Ion: 76 Resp: 595778

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2

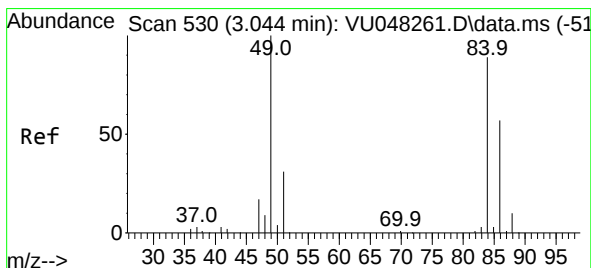
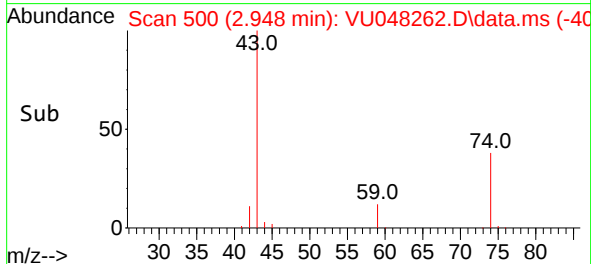
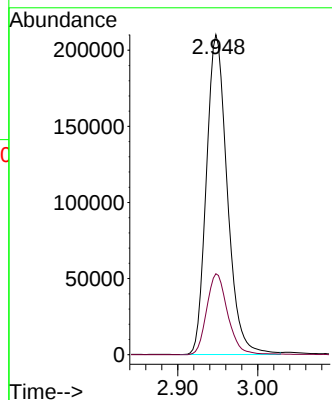
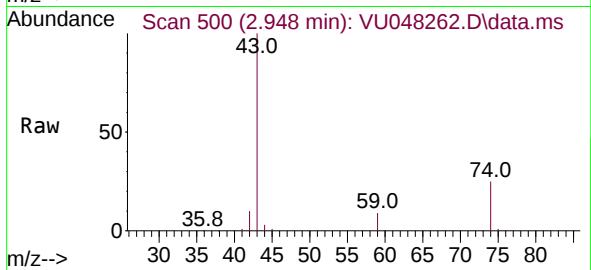




#15
Methyl Acetate
Concen: 100.769 ug/L
RT: 2.948 min Scan# 500
Delta R.T. -0.000 min
Lab File: VU048262.D
Acq: 25 Apr 2022 11:06

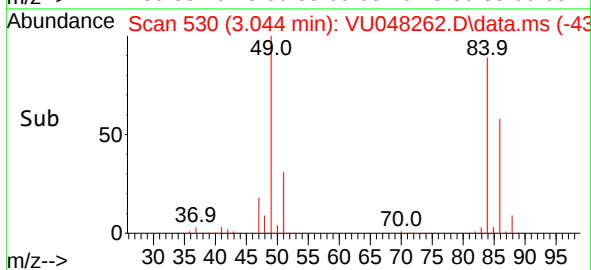
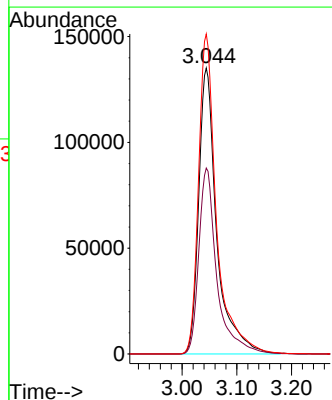
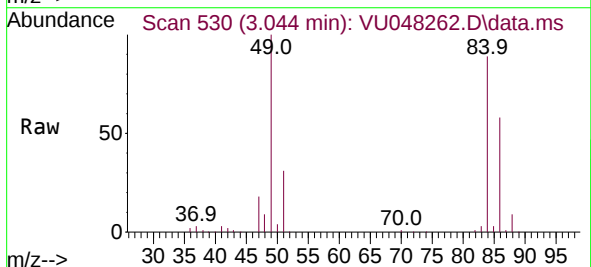
Instrument :
MSVOA_U
ClientSampleId :
VSTD100059

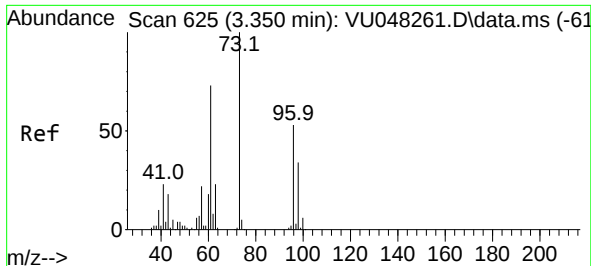
Tgt Ion: 43 Resp: 381479
Ion Ratio Lower Upper
43 100
74 25.6 21.0 31.6



#16
Methylene chloride
Concen: 96.137 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU048262.D
Acq: 25 Apr 2022 11:06

Tgt Ion: 84 Resp: 309960
Ion Ratio Lower Upper
84 100
86 65.1 45.4 84.2
49 111.9 79.2 147.0





#17

trans-1,2-Dichloroethene

Concen: 87.717 ug/L

RT: 3.350 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU048262.D

Acq: 25 Apr 2022 11:06

Instrument :

MSVOA_U

ClientSampleId :

VSTD100059

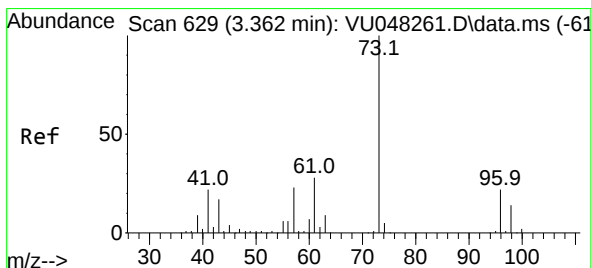
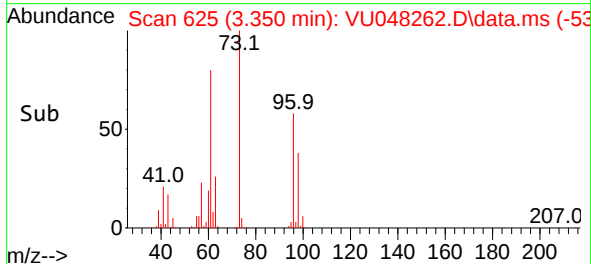
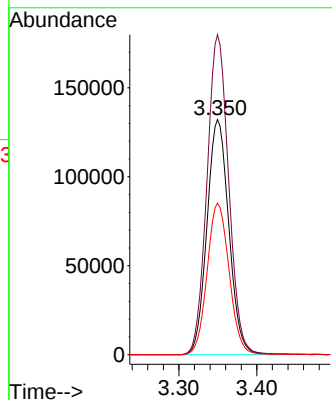
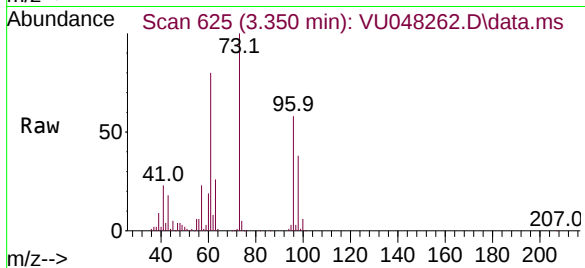
Tgt Ion: 96 Resp: 258353

Ion Ratio Lower Upper

96 100

61 136.1 95.2 176.8

98 64.4 44.7 83.1



#18

Methyl tert-butyl Ether

Concen: 103.514 ug/L

RT: 3.366 min Scan# 630

Delta R.T. 0.003 min

Lab File: VU048262.D

Acq: 25 Apr 2022 11:06

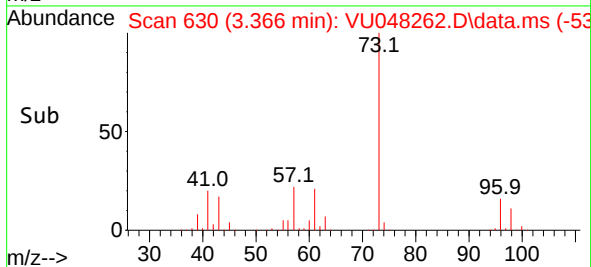
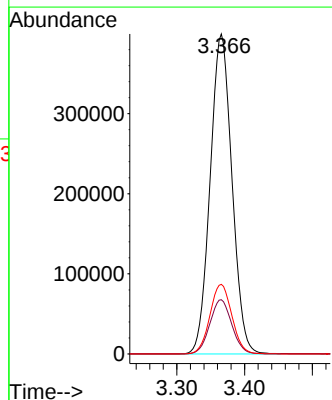
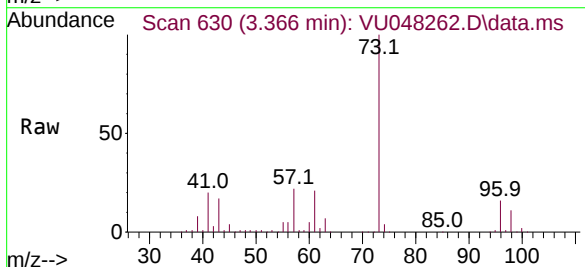
Tgt Ion: 73 Resp: 892819

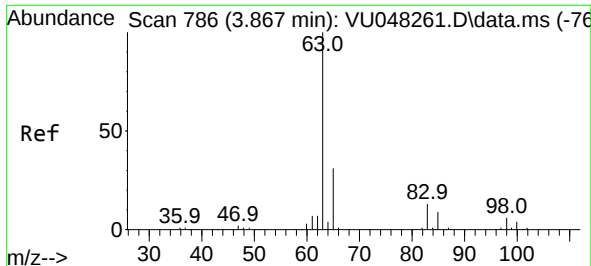
Ion Ratio Lower Upper

73 100

43 17.0 13.8 20.6

57 22.0 17.9 26.9





#19

1,1-Dichloroethane

Concen: 100.554 ug/L

RT: 3.867 min Scan# 786

Delta R.T. -0.000 min

Lab File: VU048262.D

Acq: 25 Apr 2022 11:06

Instrument :

MSVOA_U

ClientSampleId :

VSTD100059

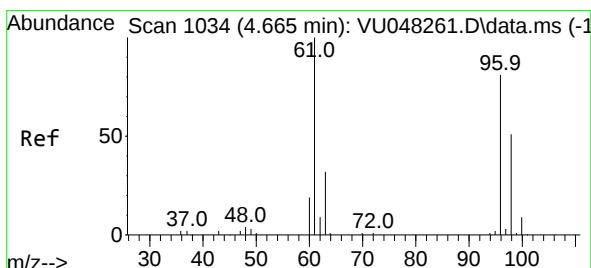
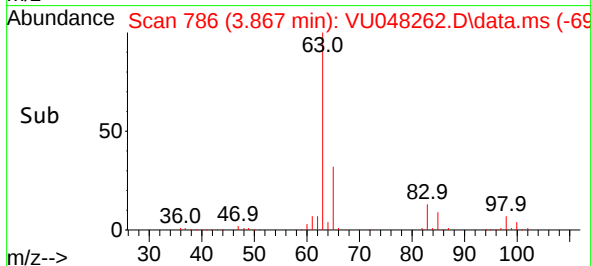
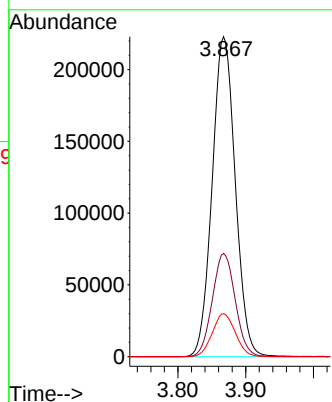
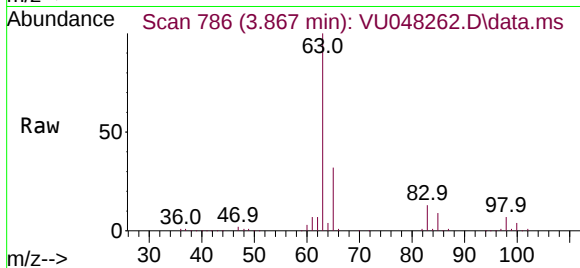
Tgt Ion: 63 Resp: 527944

Ion Ratio Lower Upper

63 100

65 32.2 22.0 40.8

83 13.5 8.8 16.4



#20

cis-1,2-Dichloroethene

Concen: 97.061 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU048262.D

Acq: 25 Apr 2022 11:06

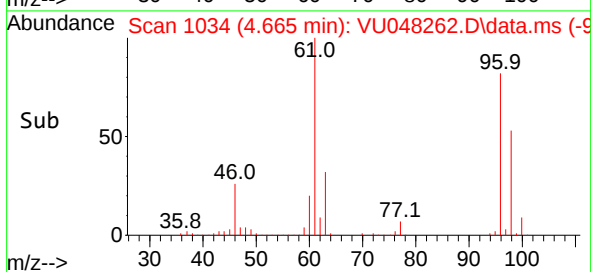
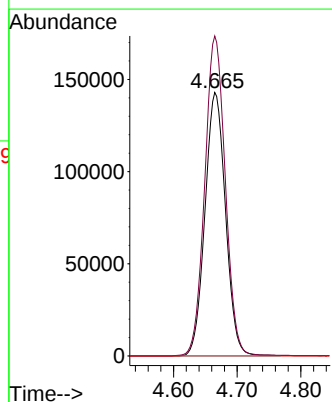
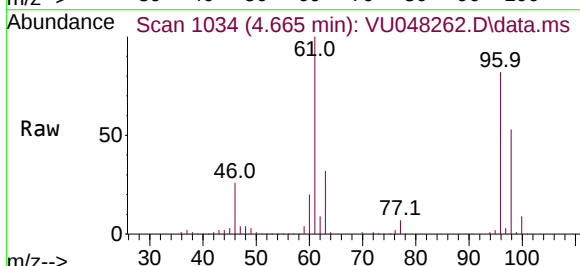
Tgt Ion: 96 Resp: 321012

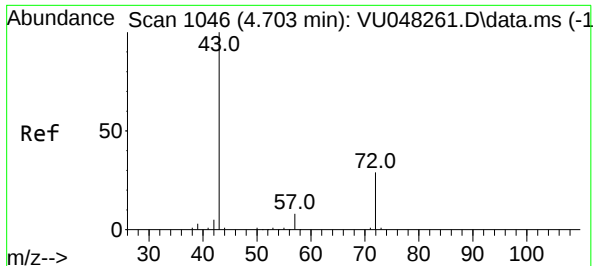
Ion Ratio Lower Upper

96 100

61 121.5 87.0 161.6

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 188.094 ug/L

RT: 4.706 min Scan# 1104

Delta R.T. 0.003 min

Lab File: VU048262.D

Acq: 25 Apr 2022 11:06

Instrument :

MSVOA_U

ClientSampleId :

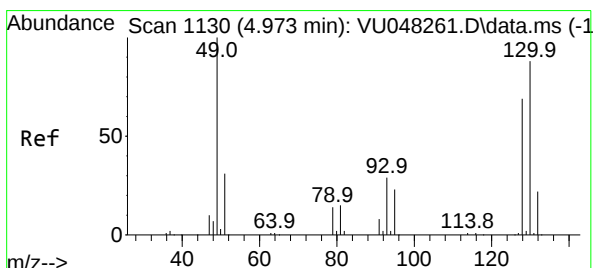
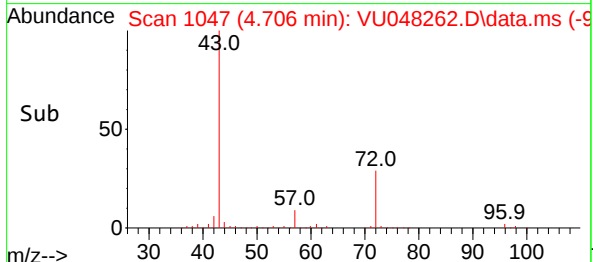
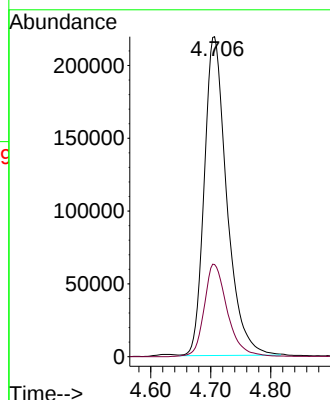
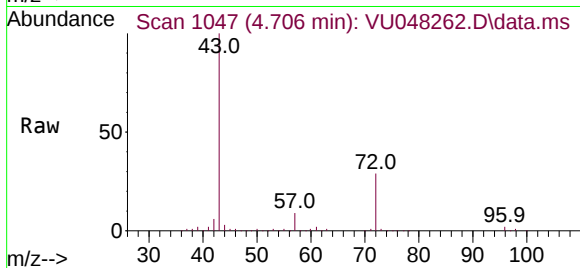
VSTD100059

Tgt Ion: 43 Resp: 573233

Ion Ratio Lower Upper

43 100

72 29.9 14.6 43.8



#23

Bromochloromethane

Concen: 95.010 ug/L

RT: 4.976 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VU048262.D

Acq: 25 Apr 2022 11:06

Tgt Ion: 128 Resp: 171539

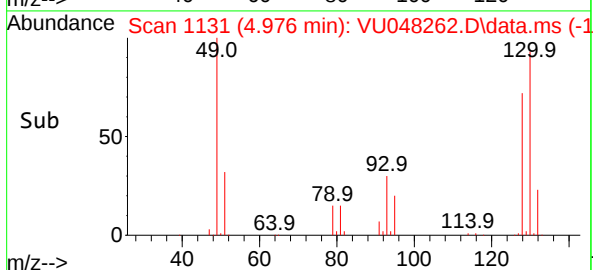
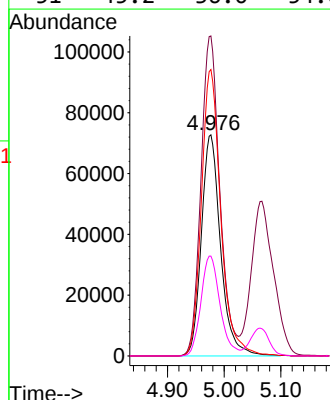
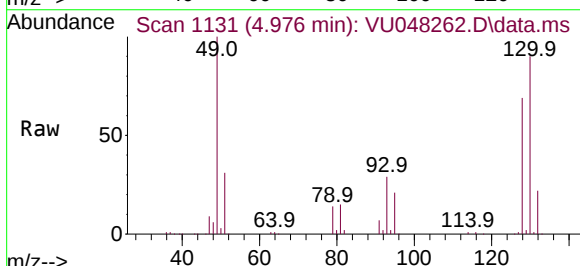
Ion Ratio Lower Upper

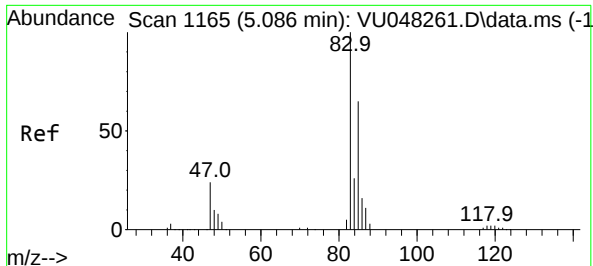
128 100

49 144.7 101.3 188.1

130 129.5 89.0 165.2

51 45.2 36.0 54.0





#25

Chloroform

Concen: 97.419 ug/L

RT: 5.089 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VU048262.D

Acq: 25 Apr 2022 11:06

Instrument :

MSVOA_U

ClientSampleId :

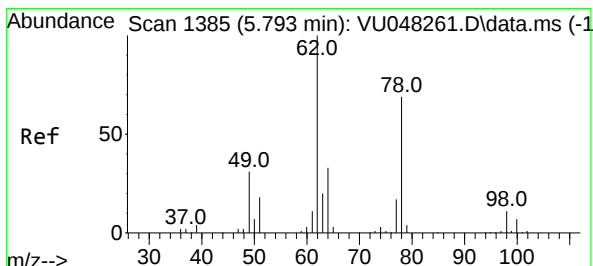
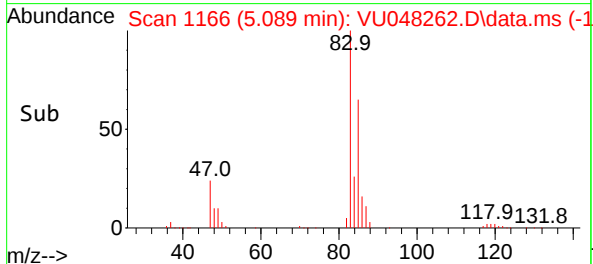
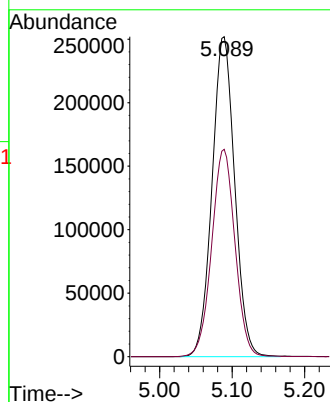
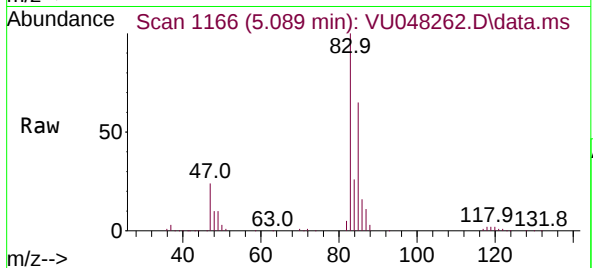
VSTD100059

Tgt Ion: 83 Resp: 546515

Ion Ratio Lower Upper

83 100

85 64.8 45.7 84.9



#27

1,2-Dichloroethane

Concen: 92.874 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.000 min

Lab File: VU048262.D

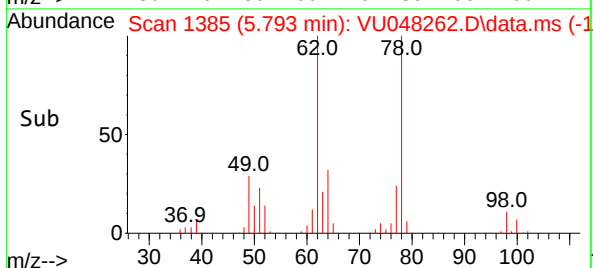
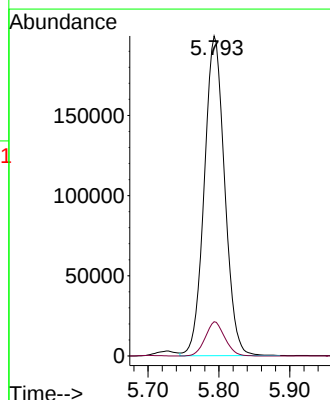
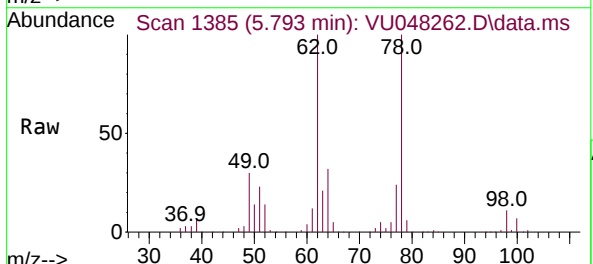
Acq: 25 Apr 2022 11:06

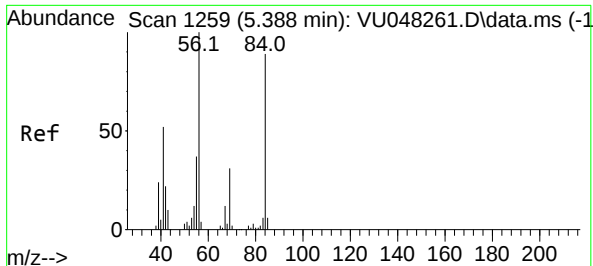
Tgt Ion: 62 Resp: 398223

Ion Ratio Lower Upper

62 100

98 10.7 8.5 12.7





#29

Cyclohexane

Concen: 94.642 ug/L

RT: 5.388 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU048262.D

Acq: 25 Apr 2022 11:06

Instrument :

MSVOA_U

ClientSampleId :

VSTD100059

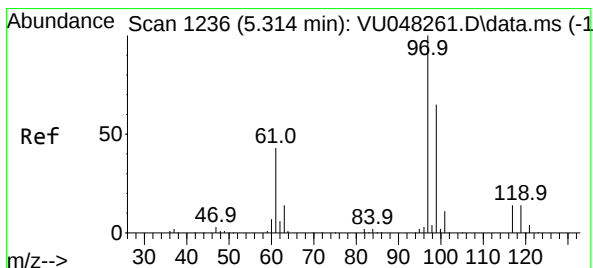
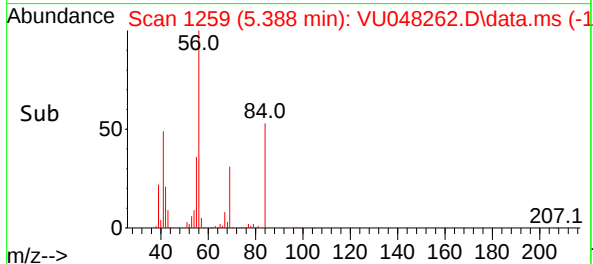
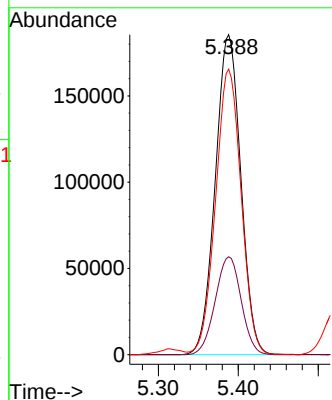
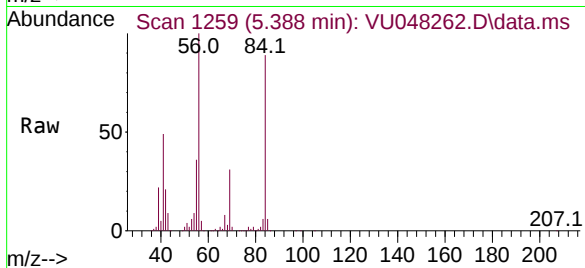
Tgt Ion: 56 Resp: 411521

Ion Ratio Lower Upper

56 100

69 31.1 24.2 36.4

84 89.4 72.2 108.2



#30

1,1,1-Trichloroethane

Concen: 92.170 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. 0.003 min

Lab File: VU048262.D

Acq: 25 Apr 2022 11:06

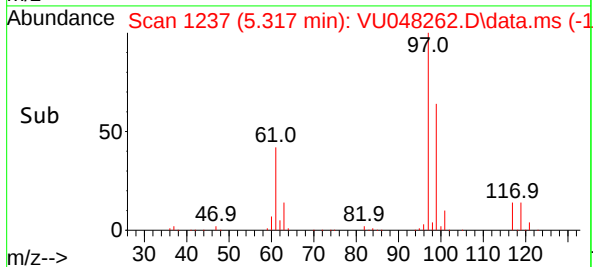
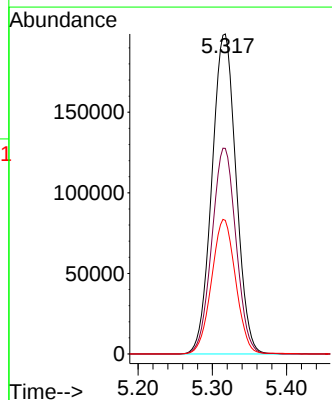
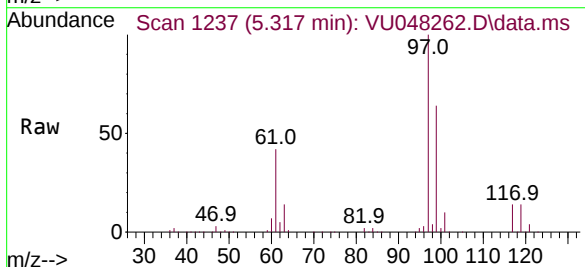
Tgt Ion: 97 Resp: 449340

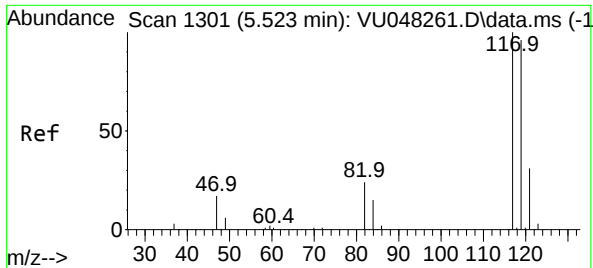
Ion Ratio Lower Upper

97 100

99 64.5 51.8 77.8

61 41.9 33.9 50.9

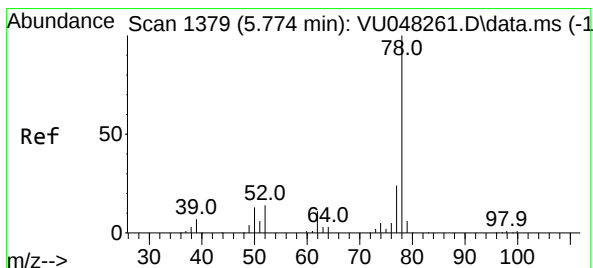
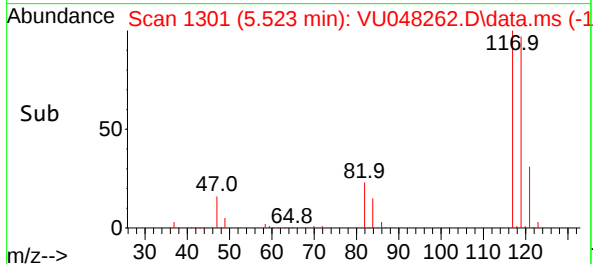
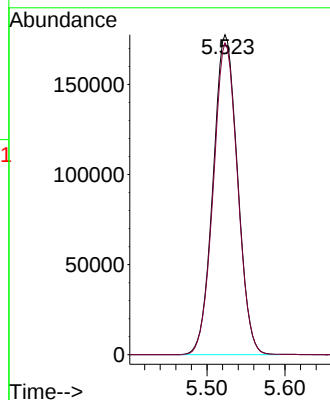
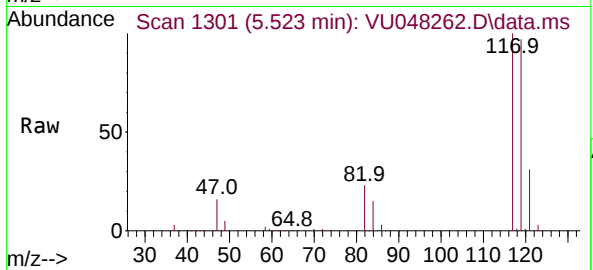




#31
Carbon tetrachloride
Concen: 89.264 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VU048262.D
Acq: 25 Apr 2022 11:06

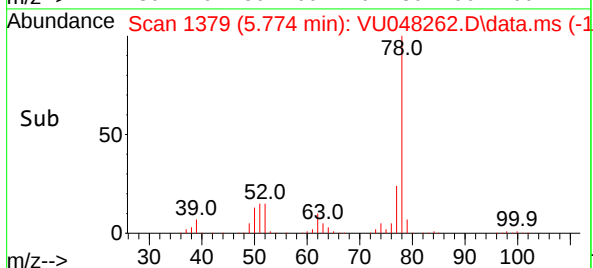
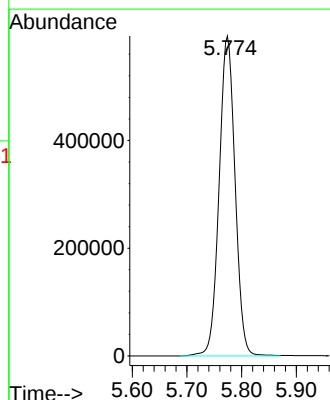
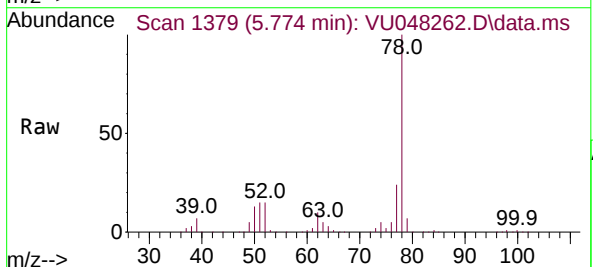
Instrument :
MSVOA_U
ClientSampleId :
VSTD100059

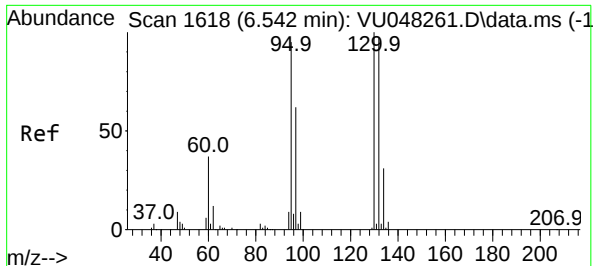
Tgt Ion:117 Resp: 387587
Ion Ratio Lower Upper
117 100
119 96.8 77.1 115.7



#33
Benzene
Concen: 95.952 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU048262.D
Acq: 25 Apr 2022 11:06

Tgt Ion: 78 Resp: 1202948

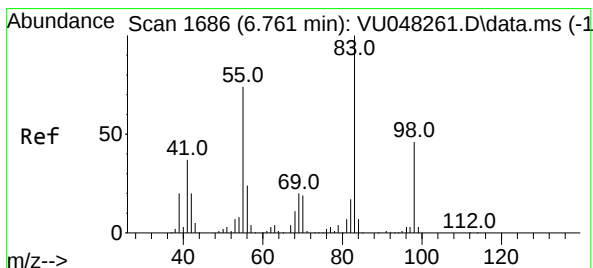
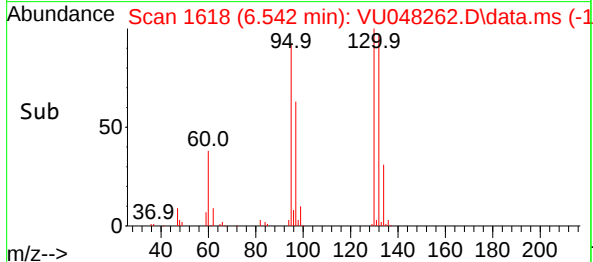
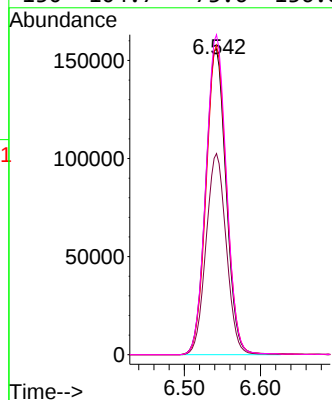
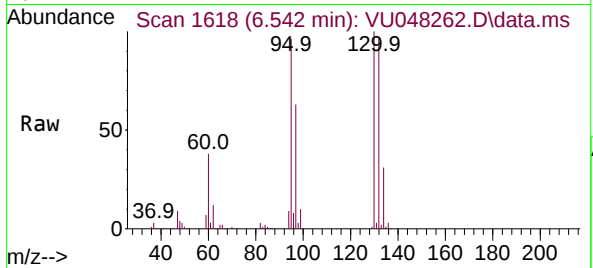




#34
Trichloroethene
Concen: 89.891 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU048262.D
Acq: 25 Apr 2022 11:06

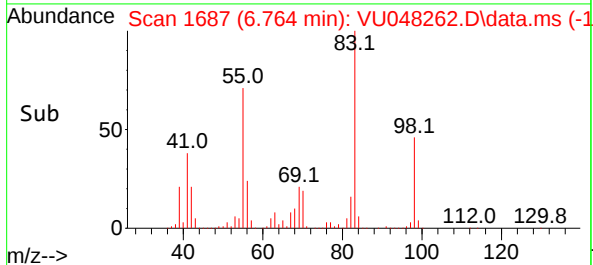
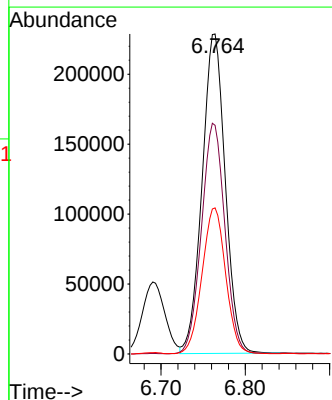
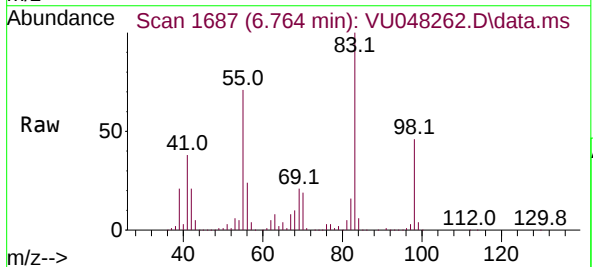
Instrument :
MSVOA_U
ClientSampleId :
VSTD100059

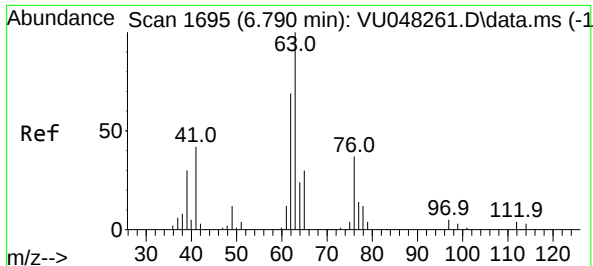
Tgt Ion: 95 Resp: 290673
Ion Ratio Lower Upper
95 100
97 65.8 45.8 85.2
132 101.2 71.6 133.0
130 104.7 73.6 136.8



#35
Methylcyclohexane
Concen: 89.227 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.003 min
Lab File: VU048262.D
Acq: 25 Apr 2022 11:06

Tgt Ion: 83 Resp: 436965
Ion Ratio Lower Upper
83 100
55 72.9 59.4 89.2
98 46.7 37.3 55.9





#37

1,2-Dichloropropane

Concen: 102.168 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048262.D

Acq: 25 Apr 2022 11:06

Instrument :

MSVOA_U

ClientSampleId :

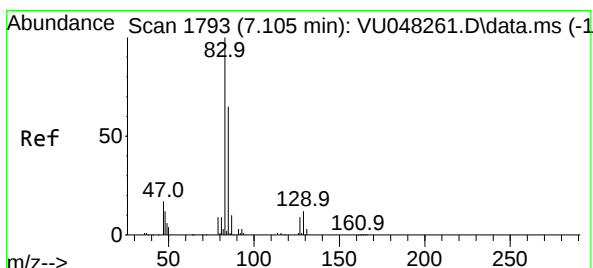
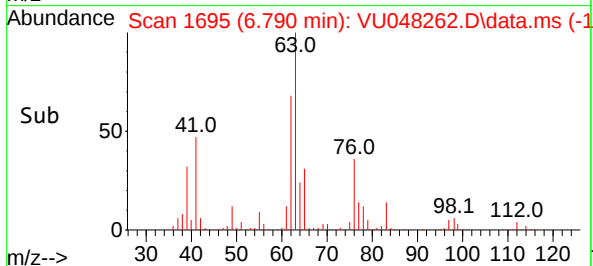
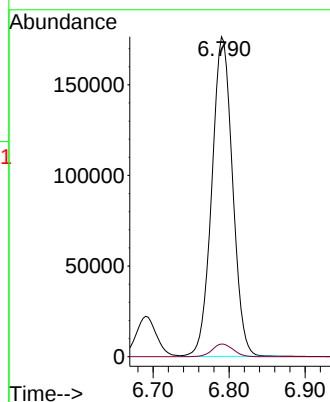
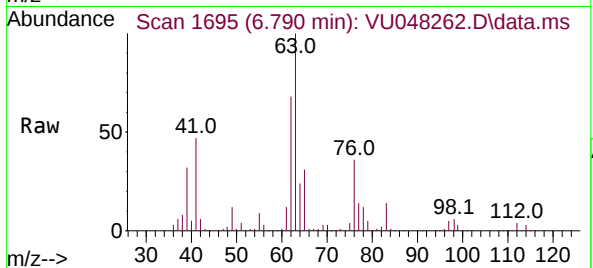
VSTD100059

Tgt Ion: 63 Resp: 333807

Ion Ratio Lower Upper

63 100

112 4.0 3.1 4.7



#38

Bromodichloromethane

Concen: 96.336 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU048262.D

Acq: 25 Apr 2022 11:06

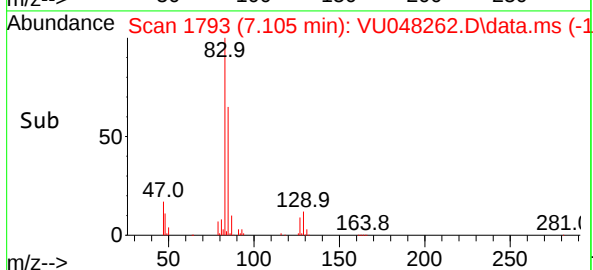
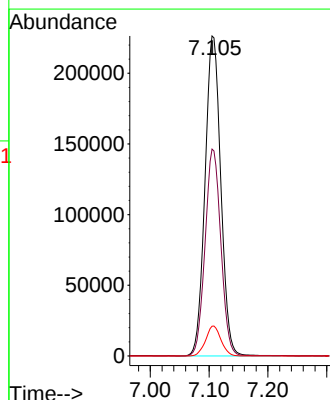
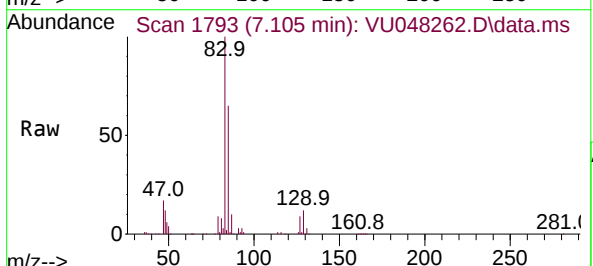
Tgt Ion: 83 Resp: 422483

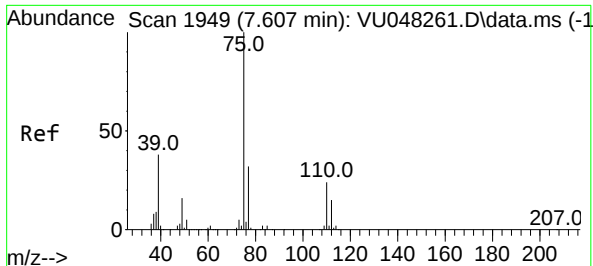
Ion Ratio Lower Upper

83 100

85 64.7 45.3 84.1

127 9.3 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 101.328 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU048262.D

Acq: 25 Apr 2022 11:06

Instrument :

MSVOA_U

ClientSampleId :

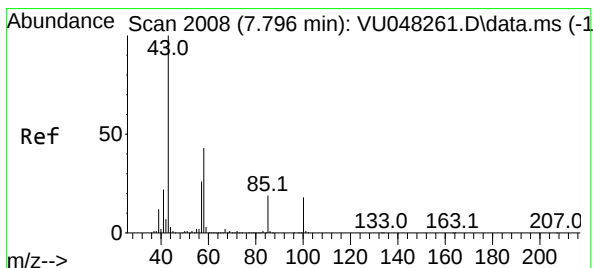
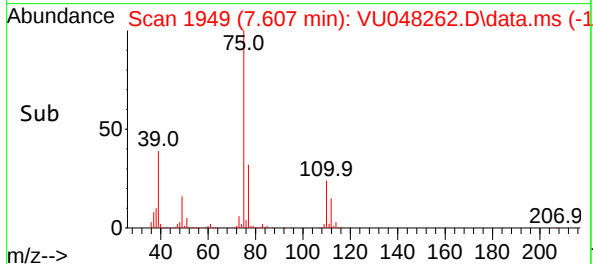
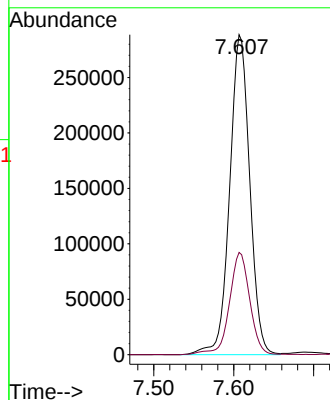
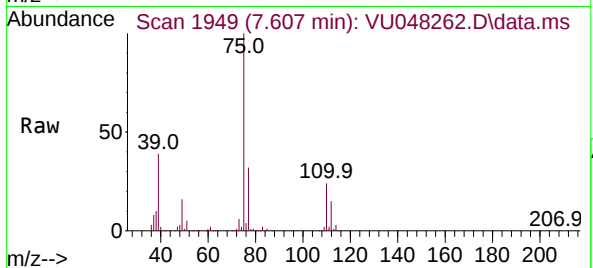
VSTD100059

Tgt Ion: 75 Resp: 503534

Ion Ratio Lower Upper

75 100

77 31.9 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 214.448 ug/L

RT: 7.800 min Scan# 2009

Delta R.T. 0.003 min

Lab File: VU048262.D

Acq: 25 Apr 2022 11:06

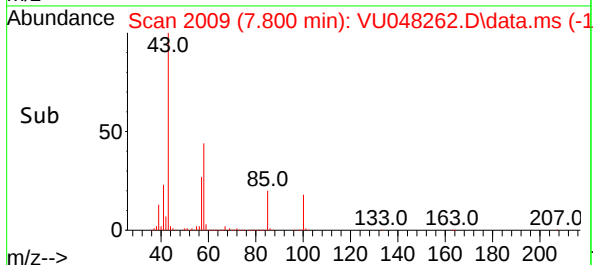
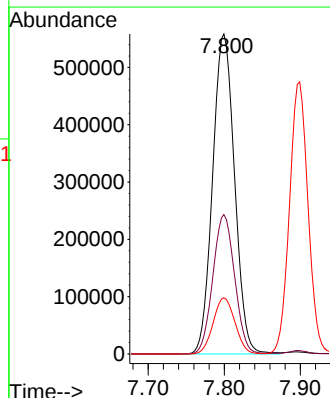
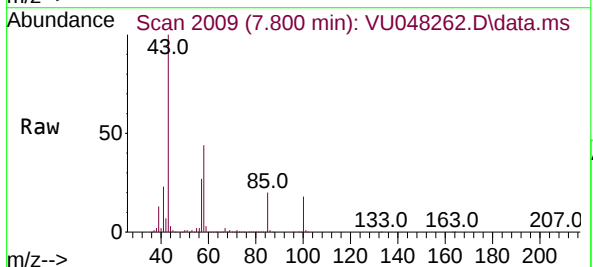
Tgt Ion: 43 Resp: 1119132

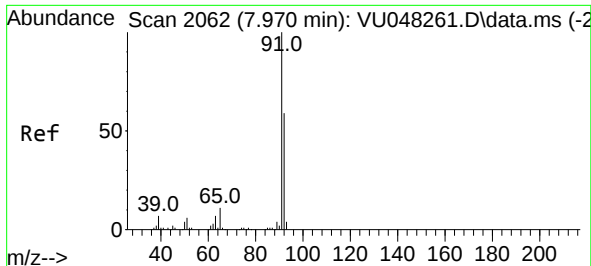
Ion Ratio Lower Upper

43 100

58 43.3 34.4 51.6

100 17.5 13.6 20.4





#42

Toluene

Concen: 96.430 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048262.D

Acq: 25 Apr 2022 11:06

Instrument :

MSVOA_U

ClientSampleId :

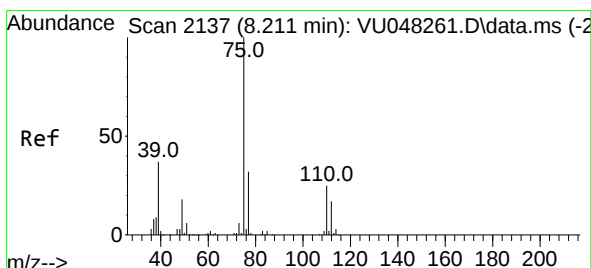
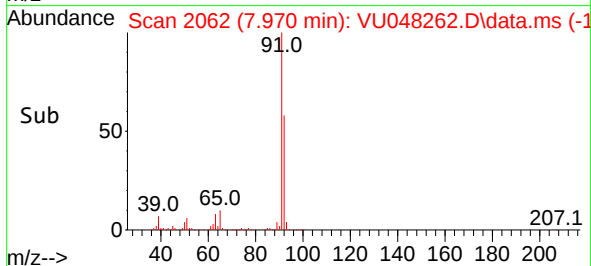
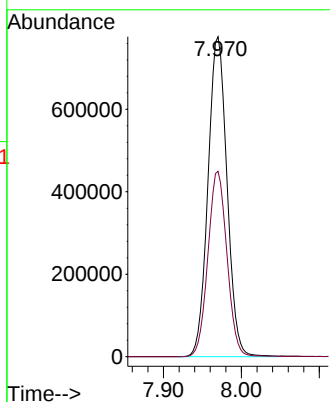
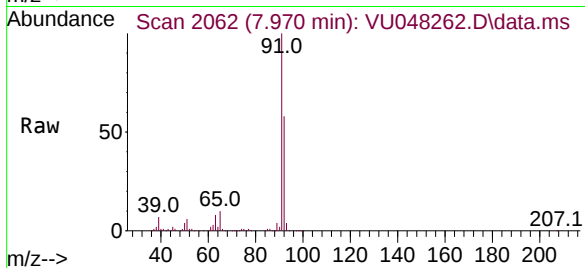
VSTD100059

Tgt Ion: 91 Resp: 1317959

Ion Ratio Lower Upper

91 100

92 58.0 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 100.333 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU048262.D

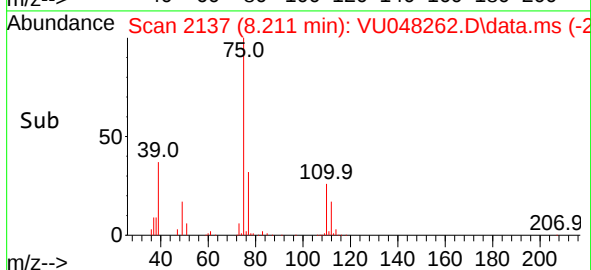
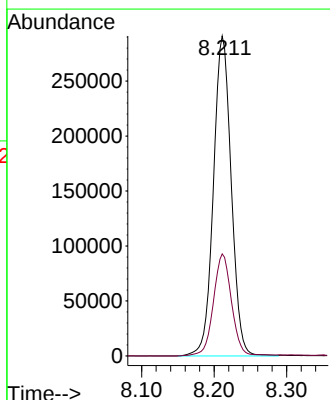
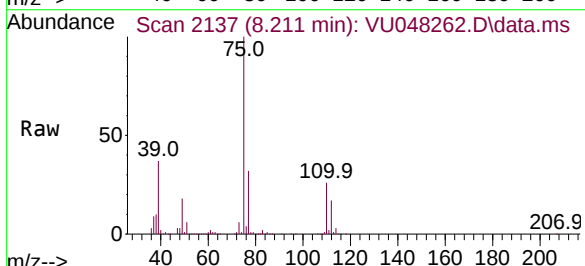
Acq: 25 Apr 2022 11:06

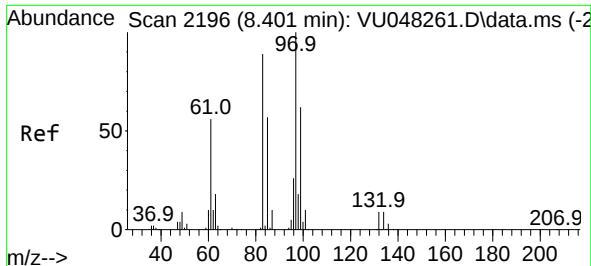
Tgt Ion: 75 Resp: 496739

Ion Ratio Lower Upper

75 100

77 31.9 22.1 41.1



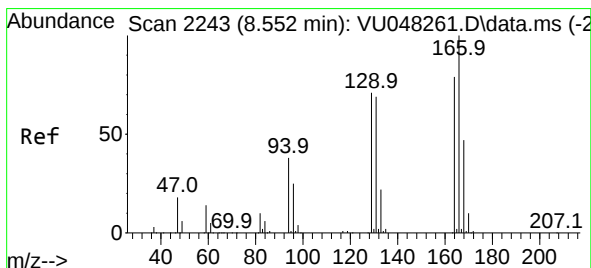
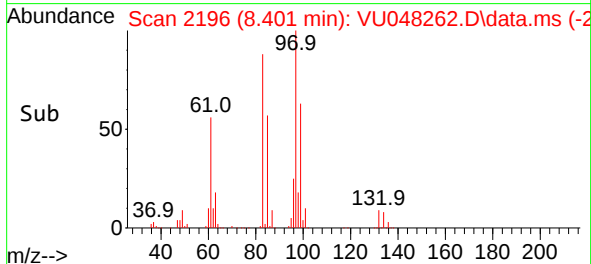
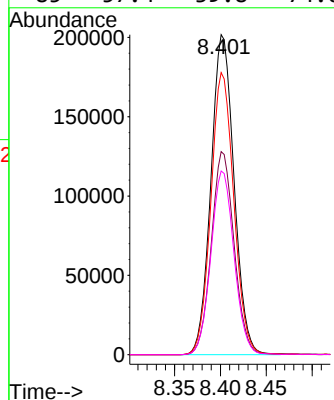
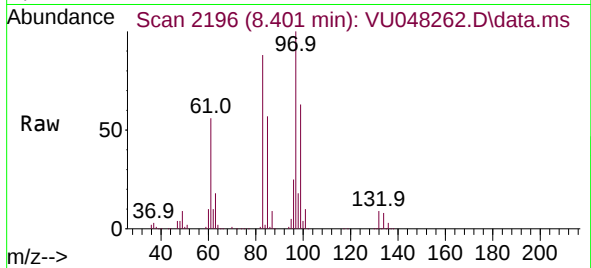


#45
1,1,2-Trichloroethane
Concen: 102.165 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU048262.D
Acq: 25 Apr 2022 11:06

Instrument :
MSVOA_U
ClientSampleId :
VSTD100059

Tgt Ion: 97 Resp: 353753

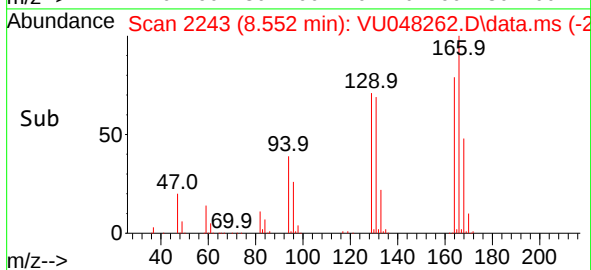
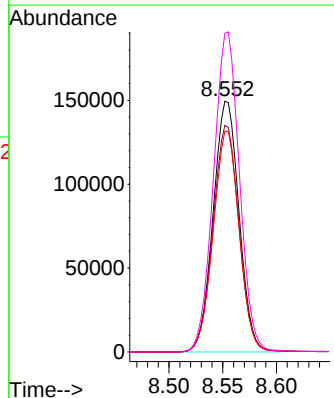
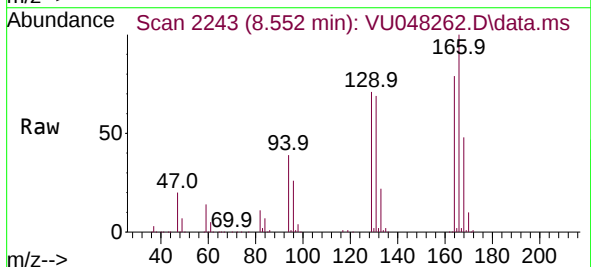
Ion	Ratio	Lower	Upper
97	100		
99	63.5	43.7	81.1
83	88.1	62.6	116.2
85	57.4	39.8	74.0

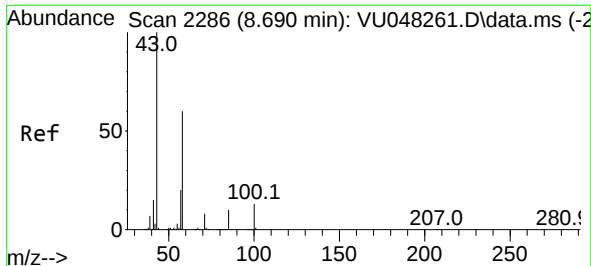


#46
Tetrachloroethene
Concen: 86.727 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU048262.D
Acq: 25 Apr 2022 11:06

Tgt Ion: 164 Resp: 250815

Ion	Ratio	Lower	Upper
164	100		
129	90.4	63.3	117.7
131	88.0	61.2	113.6
166	127.1	88.9	165.1

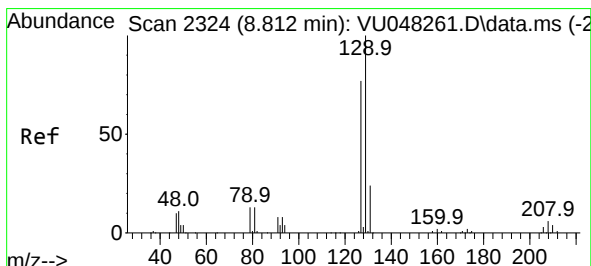
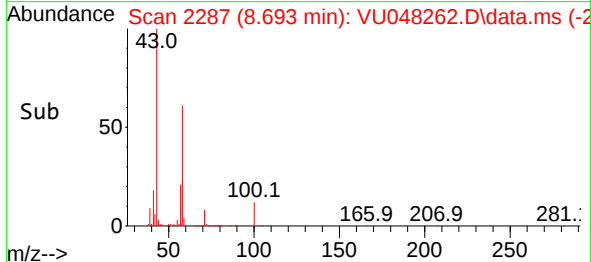
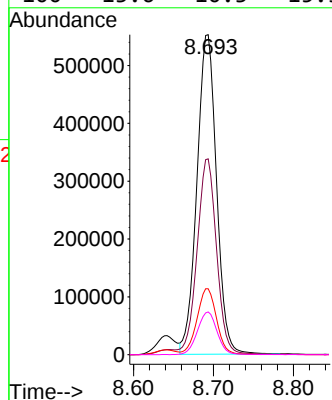
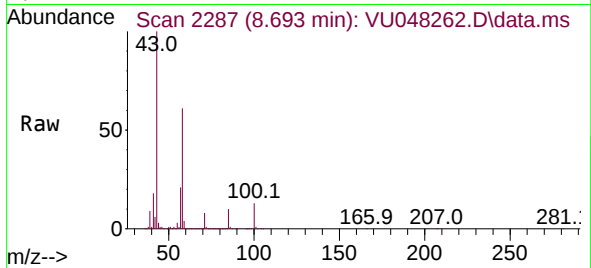




#48
2-Hexanone
Concen: 212.051 ug/L
RT: 8.693 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048262.D
Acq: 25 Apr 2022 11:06

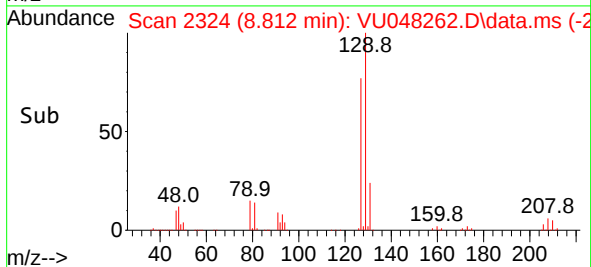
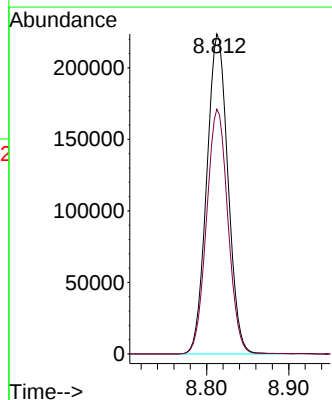
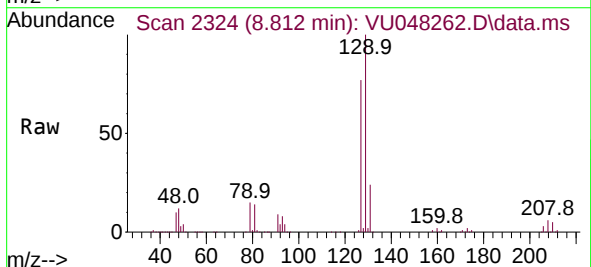
Instrument :
MSVOA_U
ClientSampleId :
VSTD100059

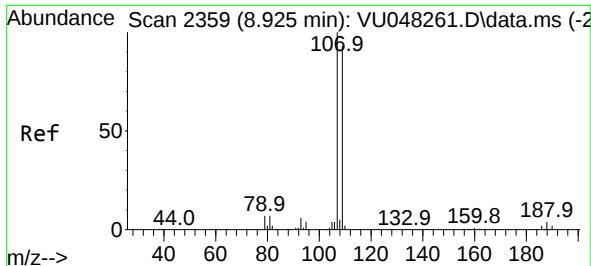
Tgt Ion: 43 Resp: 944104
Ion Ratio Lower Upper
43 100
58 60.6 48.1 72.1
57 20.7 16.2 24.4
100 13.6 10.3 15.5



#49
Dibromochloromethane
Concen: 101.363 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU048262.D
Acq: 25 Apr 2022 11:06

Tgt Ion: 129 Resp: 401469
Ion Ratio Lower Upper
129 100
127 76.5 53.8 99.8





#50

1,2-Dibromoethane

Concen: 97.707 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU048262.D

Acq: 25 Apr 2022 11:06

Instrument :

MSVOA_U

ClientSampleId :

VSTD100059

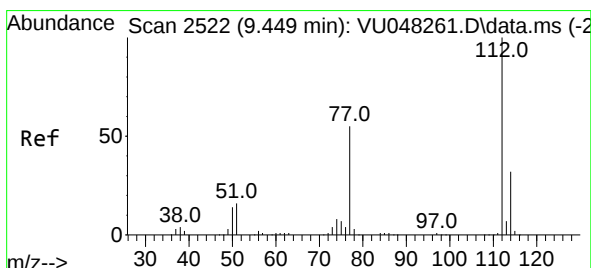
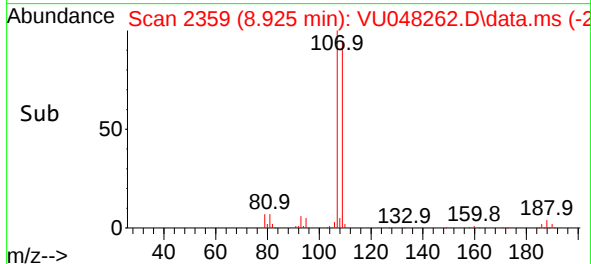
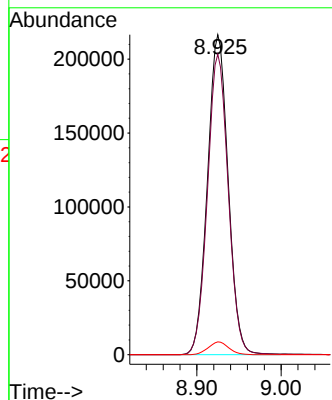
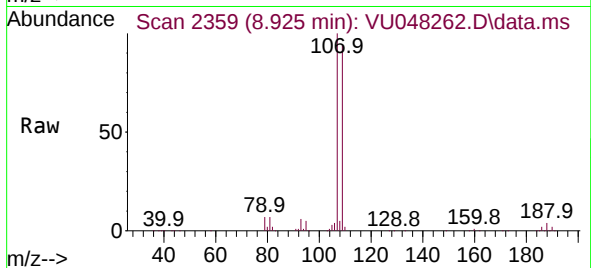
Tgt Ion:107 Resp: 370217

Ion Ratio Lower Upper

107 100

109 93.9 65.0 120.8

188 4.0 3.1 4.7



#51

Chlorobenzene

Concen: 96.240 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU048262.D

Acq: 25 Apr 2022 11:06

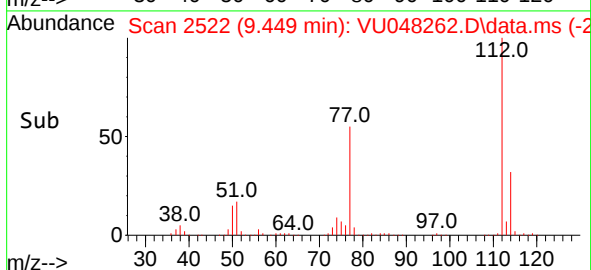
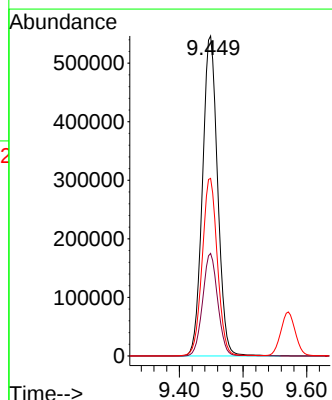
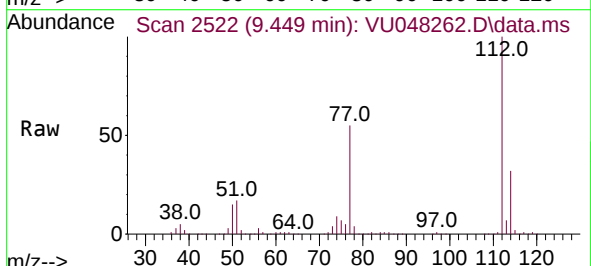
Tgt Ion:112 Resp: 903086

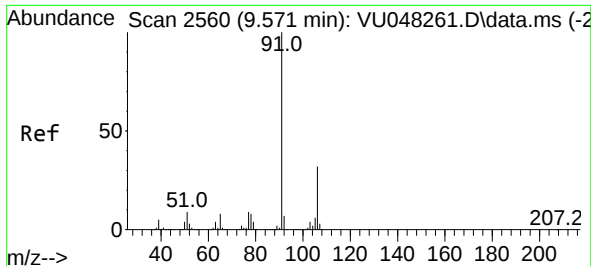
Ion Ratio Lower Upper

112 100

114 32.0 22.7 42.1

77 55.5 44.3 66.5

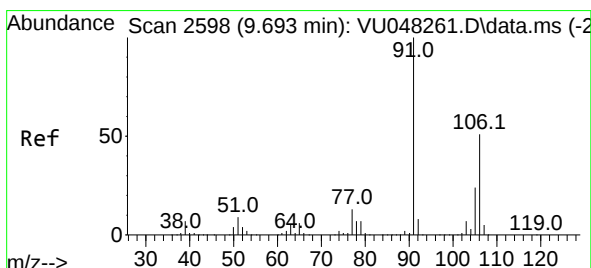
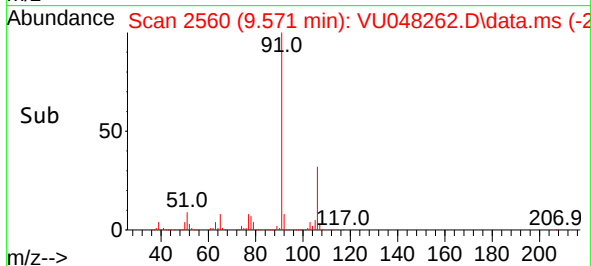
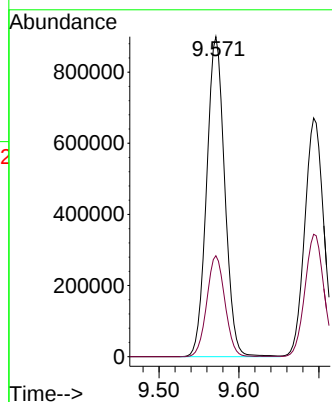
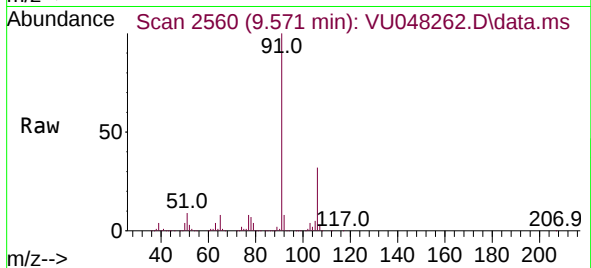




#52
Ethylbenzene
Concen: 97.926 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU048262.D
Acq: 25 Apr 2022 11:06

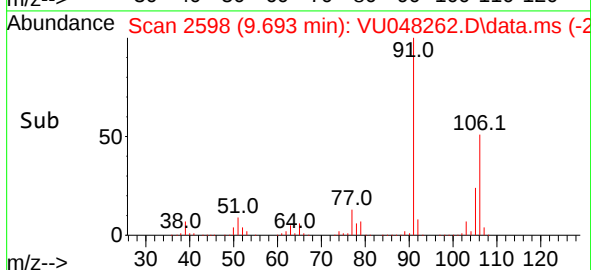
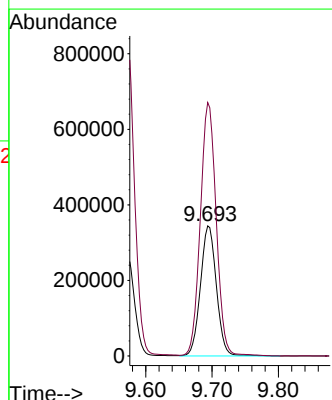
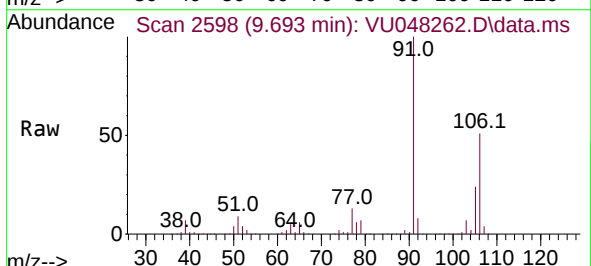
Instrument :
MSVOA_U
ClientSampleId :
VSTD100059

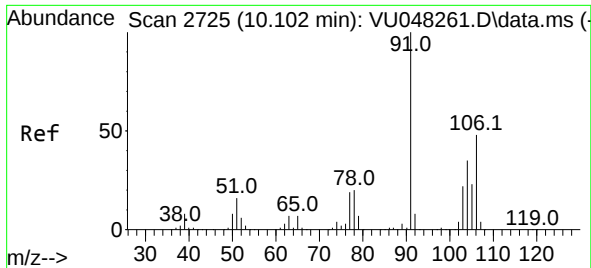
Tgt Ion: 91 Resp: 1415767
Ion Ratio Lower Upper
91 100
106 31.5 22.5 41.9



#53
m,p-Xylene
Concen: 100.752 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU048262.D
Acq: 25 Apr 2022 11:06

Tgt Ion: 106 Resp: 573576
Ion Ratio Lower Upper
106 100
91 194.9 137.4 255.2

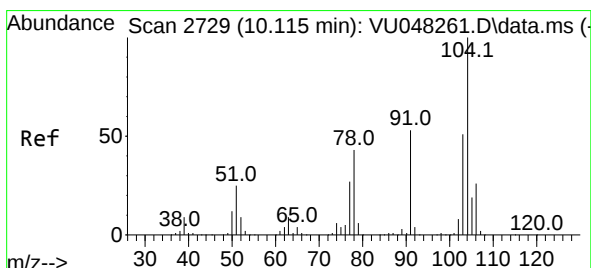
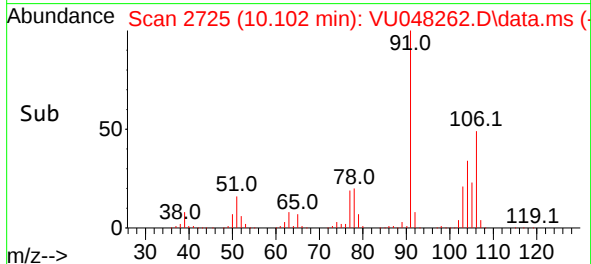
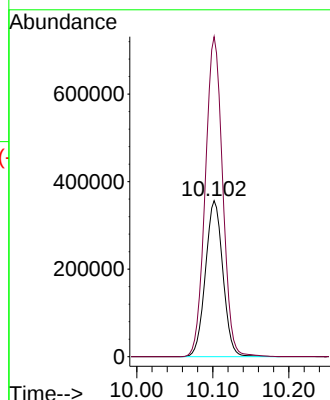
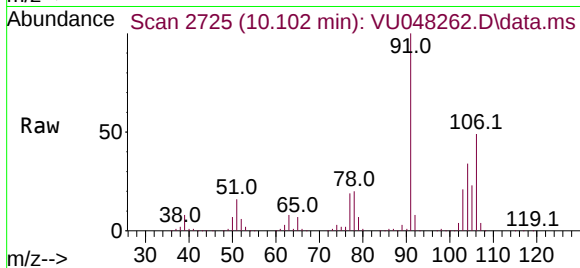




#54
o-Xylene
Concen: 100.792 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU048262.D
Acq: 25 Apr 2022 11:06

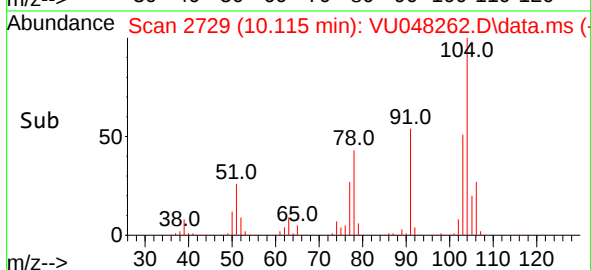
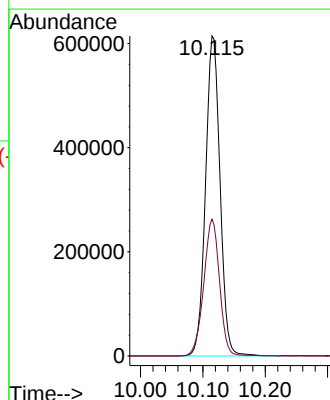
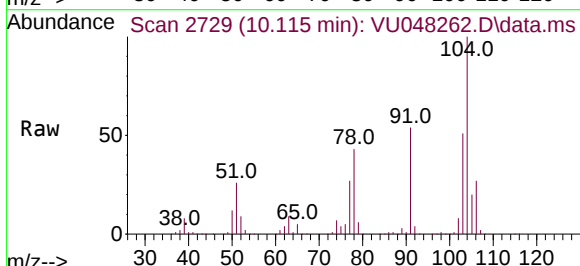
Instrument :
MSVOA_U
ClientSampleId :
VSTD100059

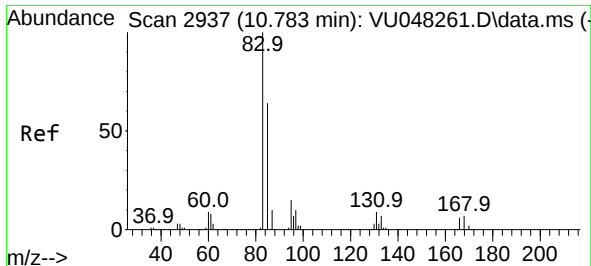
Tgt Ion:106 Resp: 568257
Ion Ratio Lower Upper
106 100
91 205.0 145.3 269.8



#55
Styrene
Concen: 102.895 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU048262.D
Acq: 25 Apr 2022 11:06

Tgt Ion:104 Resp: 994570
Ion Ratio Lower Upper
104 100
78 42.7 30.3 56.3

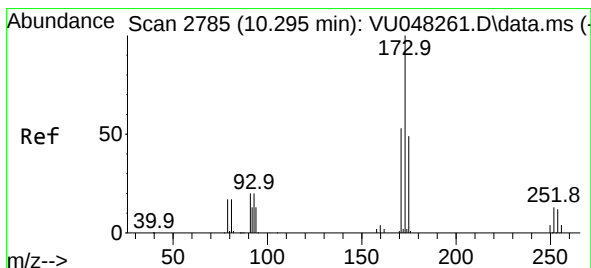
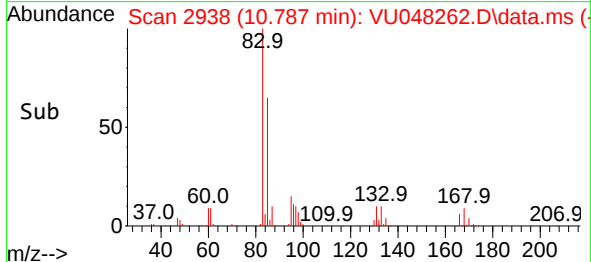
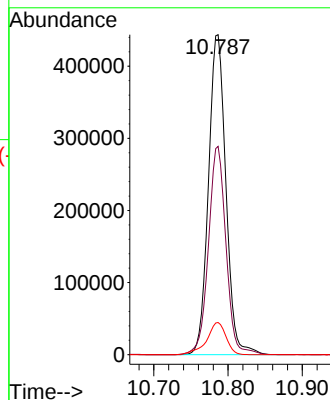
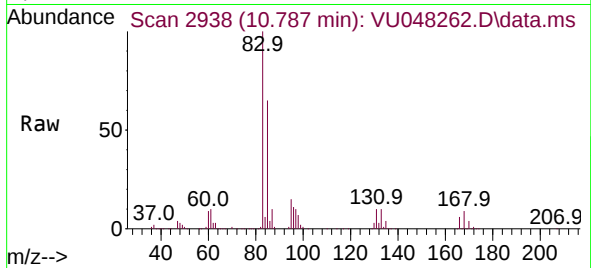




#57
1,1,2,2-Tetrachloroethane
Concen: 109.467 ug/L
RT: 10.787 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU048262.D
Acq: 25 Apr 2022 11:06

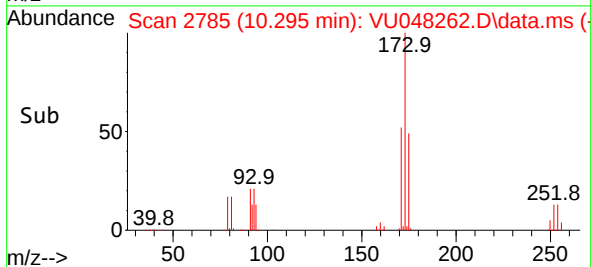
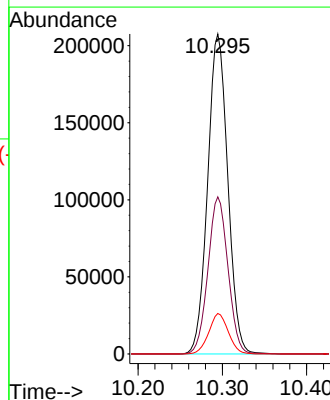
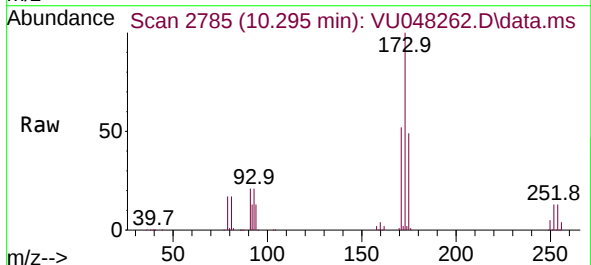
Instrument :
MSVOA_U
ClientSampleId :
VSTD100059

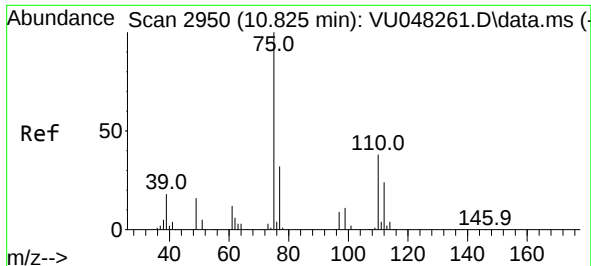
Tgt Ion: 83 Resp: 721986
Ion Ratio Lower Upper
83 100
85 65.1 45.1 83.7
131 10.1 7.8 11.6



#59
Bromoform
Concen: 101.387 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VU048262.D
Acq: 25 Apr 2022 11:06

Tgt Ion:173 Resp: 344480
Ion Ratio Lower Upper
173 100
175 48.9 38.9 58.3
254 12.3 9.5 14.3

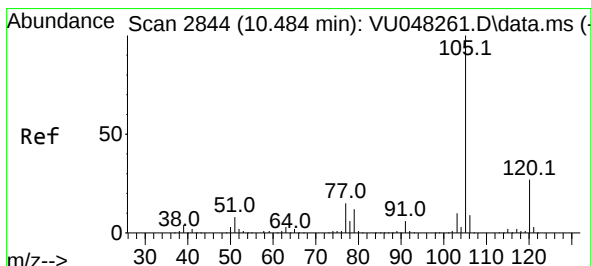
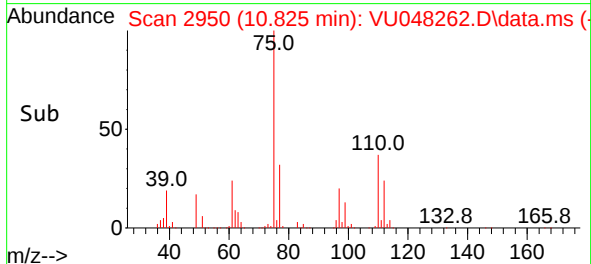
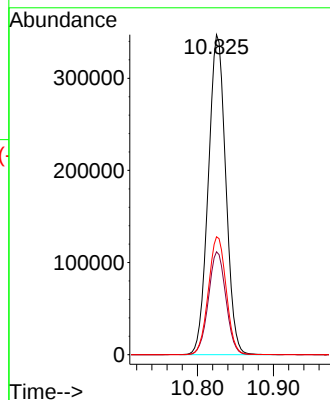
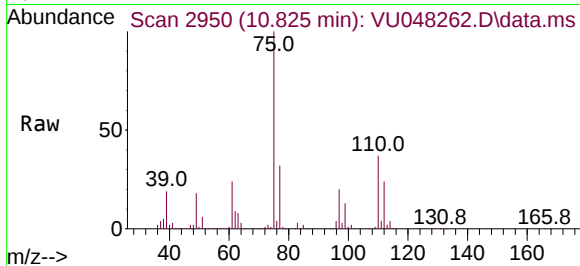




#60
1,2,3-Trichloropropane
Concen: 108.222 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU048262.D
Acq: 25 Apr 2022 11:06

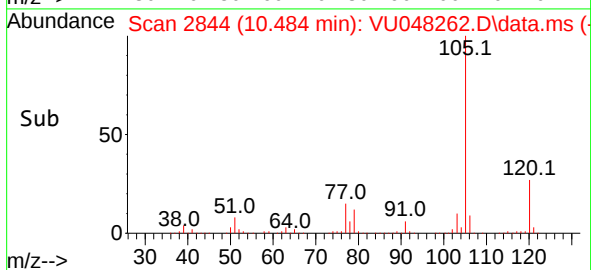
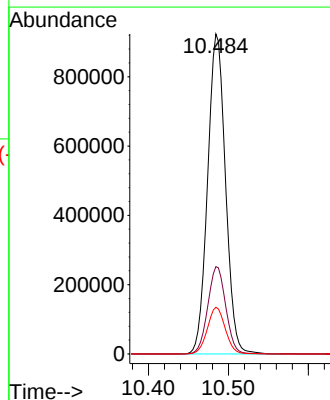
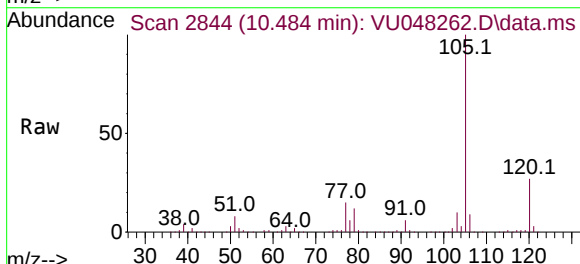
Instrument :
MSVOA_U
ClientSampleId :
VSTD100059

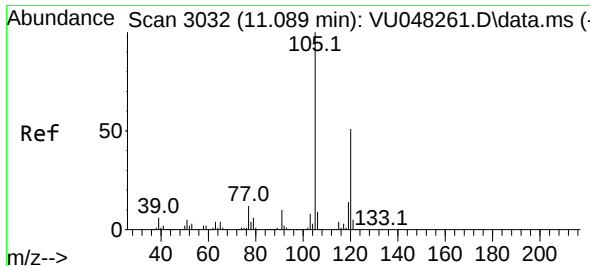
Tgt Ion: 75 Resp: 554030
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.8
110 37.5 29.9 44.9



#61
Isopropylbenzene
Concen: 100.466 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU048262.D
Acq: 25 Apr 2022 11:06

Tgt Ion: 105 Resp: 1435834
Ion Ratio Lower Upper
105 100
120 27.5 21.7 32.5
77 14.6 11.7 17.5

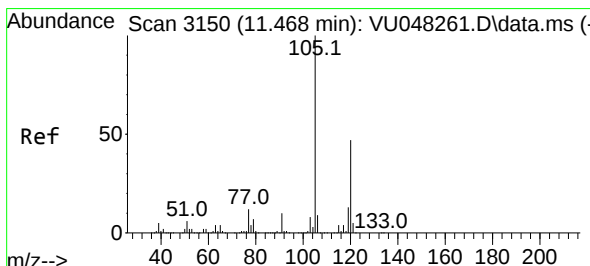
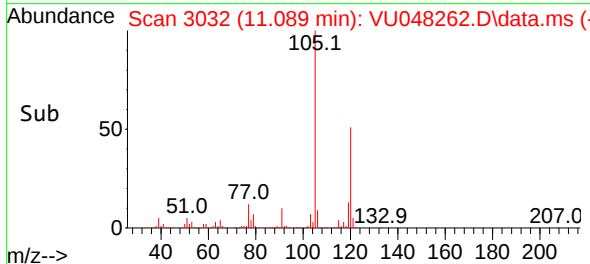
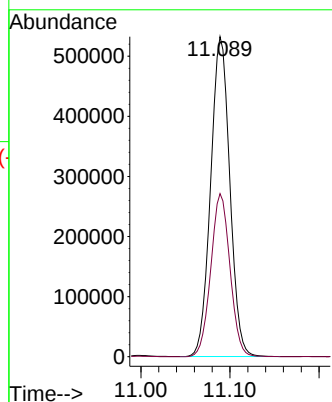
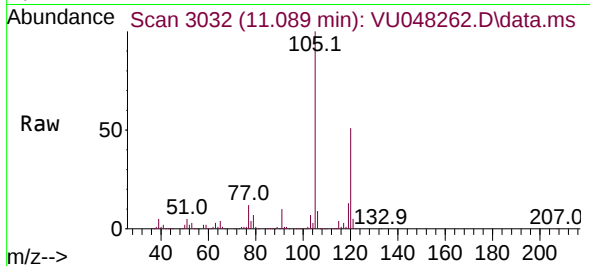




#62
 1,3,5-Trimethylbenzene
 Concen: 102.176 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. -0.000 min
 Lab File: VU048262.D
 Acq: 25 Apr 2022 11:06

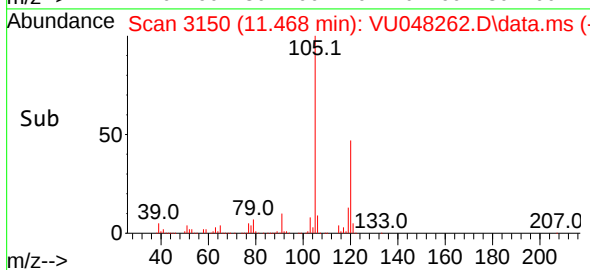
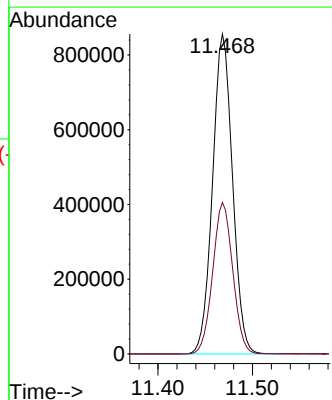
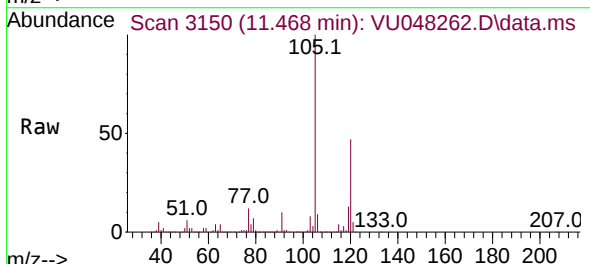
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100059

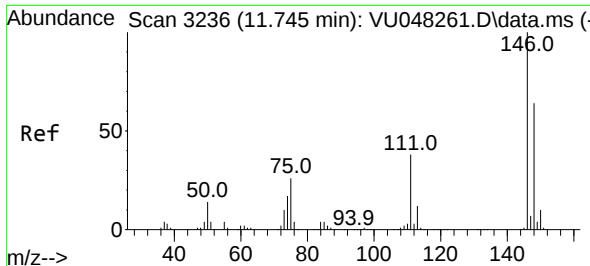
Tgt Ion:105 Resp: 794109
 Ion Ratio Lower Upper
 105 100
 120 51.1 40.7 61.1



#63
 1,2,4-Trimethylbenzene
 Concen: 105.457 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU048262.D
 Acq: 25 Apr 2022 11:06

Tgt Ion:105 Resp: 1254493
 Ion Ratio Lower Upper
 105 100
 120 47.6 38.0 57.0

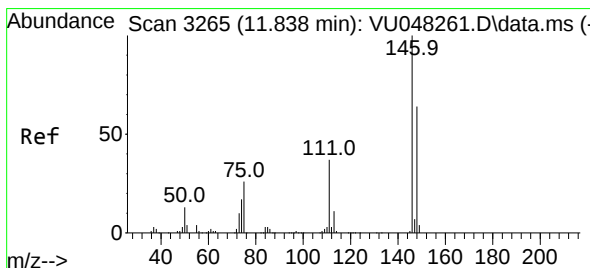
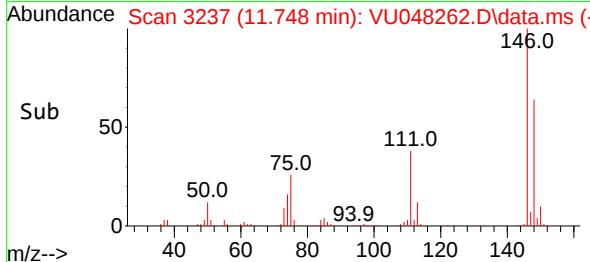
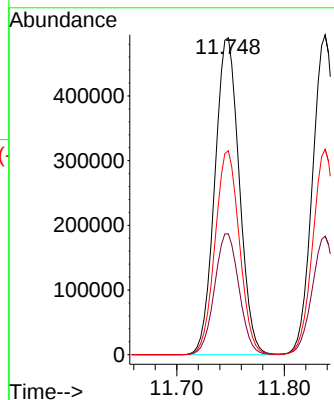
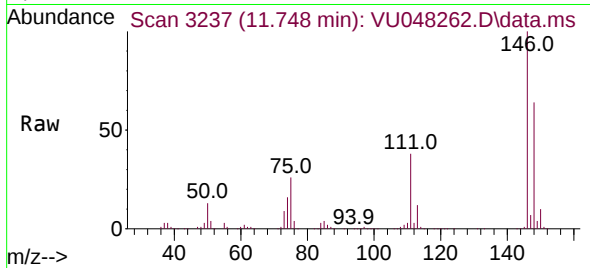




#64
1,3-Dichlorobenzene
Concen: 97.515 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048262.D
Acq: 25 Apr 2022 11:06

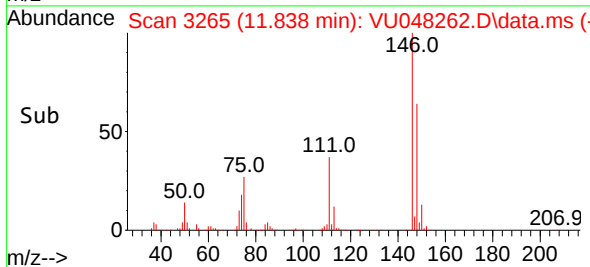
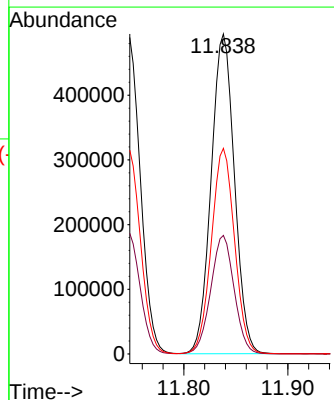
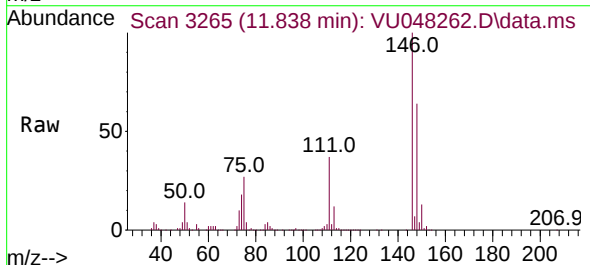
Instrument :
MSVOA_U
ClientSampleId :
VSTD100059

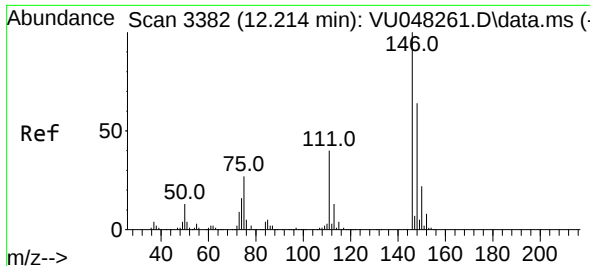
Tgt Ion:146 Resp: 773726
Ion Ratio Lower Upper
146 100
111 38.1 26.7 49.7
148 64.4 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 94.624 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU048262.D
Acq: 25 Apr 2022 11:06

Tgt Ion:146 Resp: 769666
Ion Ratio Lower Upper
146 100
111 37.0 25.9 48.1
148 64.3 45.1 83.7

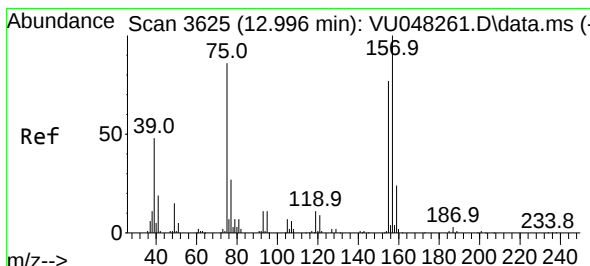
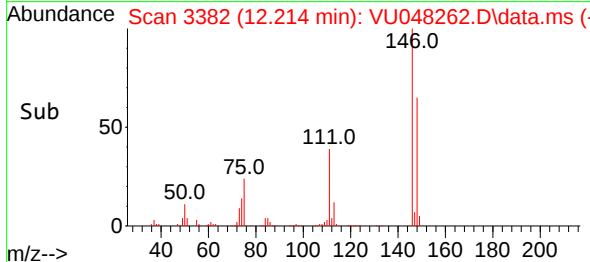
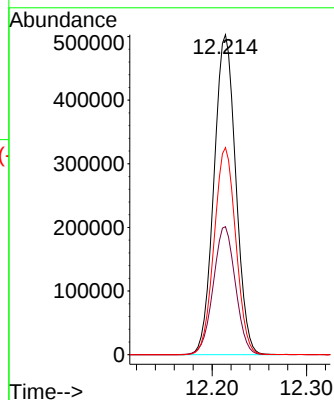
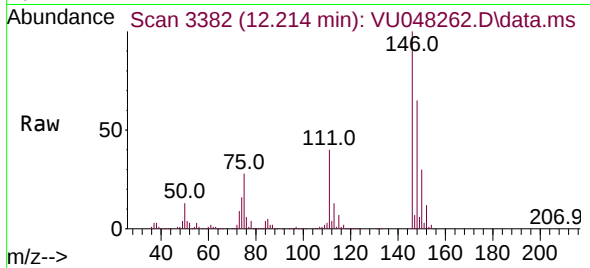




#67
1,2-Dichlorobenzene
Concen: 101.277 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU048262.D
Acq: 25 Apr 2022 11:06

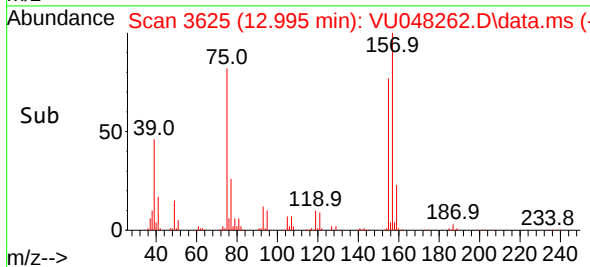
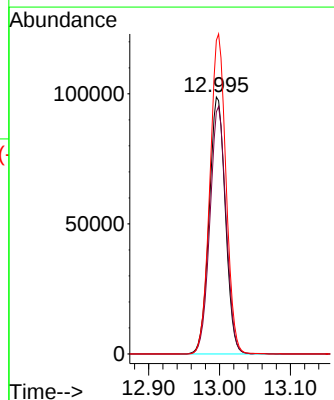
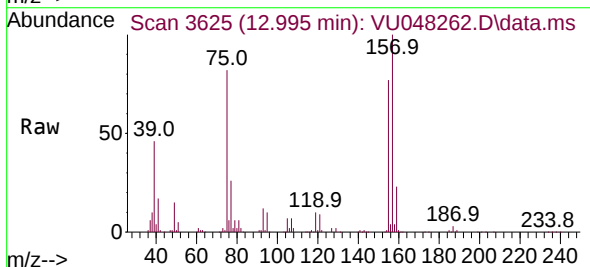
Instrument :
MSVOA_U
ClientSampleId :
VSTD100059

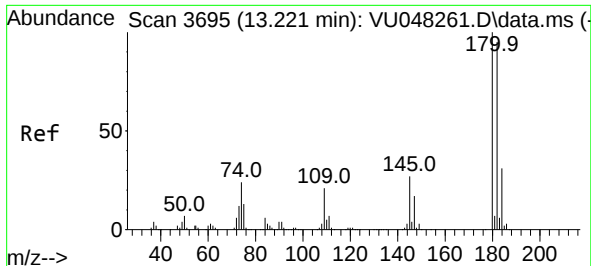
Tgt Ion:146 Resp: 805766
Ion Ratio Lower Upper
146 100
111 40.0 31.7 47.5
148 64.7 50.9 76.3



#68
1,2-Dibromo-3-chloropropane
Concen: 99.772 ug/L
RT: 12.995 min Scan# 3625
Delta R.T. -0.000 min
Lab File: VU048262.D
Acq: 25 Apr 2022 11:06

Tgt Ion: 75 Resp: 157372
Ion Ratio Lower Upper
75 100
155 94.2 71.8 107.6
157 122.1 93.4 140.2





#69

1,3,5-Trichlorobenzene

Concen: 92.969 ug/L

RT: 13.221 min Scan# 3695

Delta R.T. -0.000 min

Lab File: VU048262.D

Acq: 25 Apr 2022 11:06

Instrument :

MSVOA_U

ClientSampleId :

VSTD100059

Tgt Ion:180 Resp: 588710

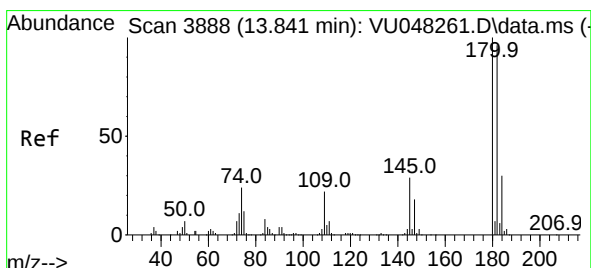
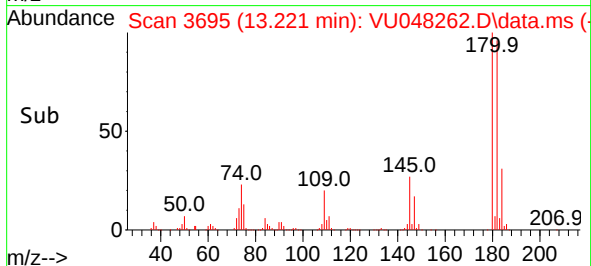
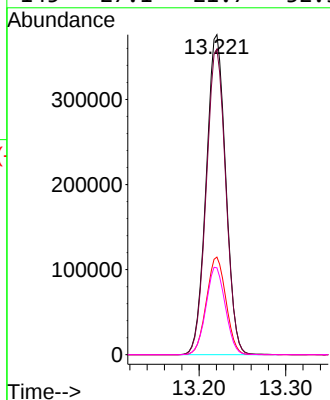
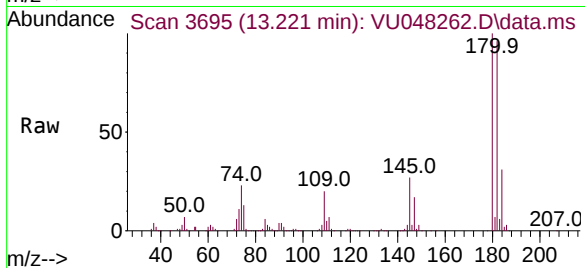
Ion Ratio Lower Upper

180 100

182 95.6 77.0 115.4

184 30.6 24.6 37.0

145 27.1 21.7 32.5



#70

1,2,4-trichlorobenzene

Concen: 90.599 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU048262.D

Acq: 25 Apr 2022 11:06

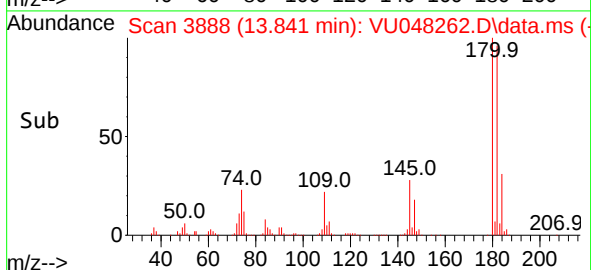
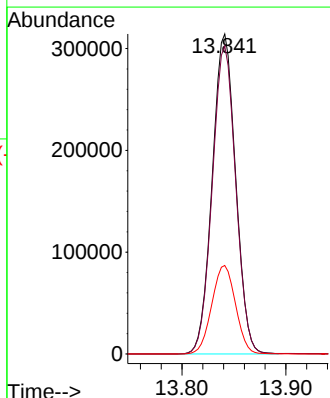
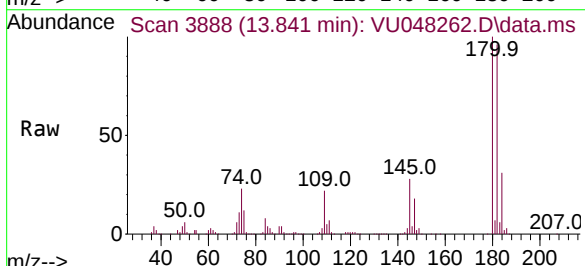
Tgt Ion:180 Resp: 492046

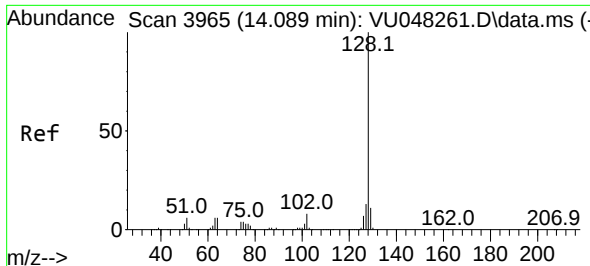
Ion Ratio Lower Upper

180 100

182 96.4 76.3 114.5

145 28.1 22.6 33.8

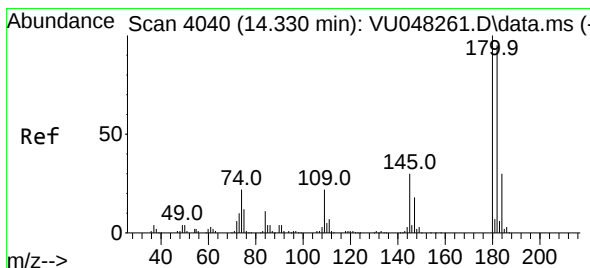
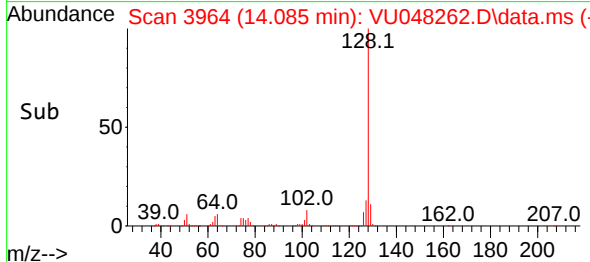
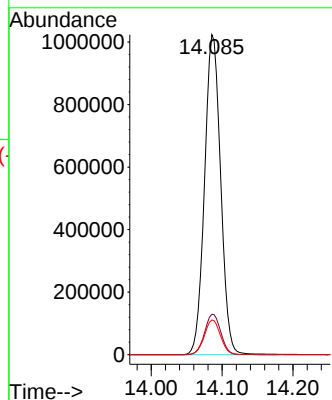
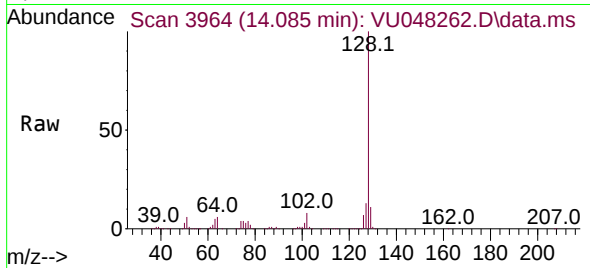




#71
Naphthalene
Concen: 99.713 ug/L
RT: 14.085 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU048262.D
Acq: 25 Apr 2022 11:06

Instrument :
MSVOA_U
ClientSampleId :
VSTD100059

Tgt Ion:128 Resp: 1613188
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 94.322 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU048262.D
Acq: 25 Apr 2022 11:06

Tgt Ion:180 Resp: 516721
Ion Ratio Lower Upper
180 100
182 96.3 75.8 113.6
145 29.6 23.5 35.3

