

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061722\
 Data File : VU049252.D
 Acq On : 17 Jun 2022 18:00
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 18 04:15:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 18 04:11:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	135983	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	124962	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	65056	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	44521	3.747	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	75.000%	
7) Chloroethane-d5	1.912	69	32369	4.024	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	80.400%	
11) 1,1-Dichloroethene-d2	2.565	65	18012	3.769	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.400%	
20) 2-Butanone-d5	4.633	46	154964	48.845	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	97.680%	
24) Chloroform-d	5.067	84	82981	4.451	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.000%	
26) 1,2-Dichloroethane-d4	5.706	65	46281	4.526	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.600%	
32) Benzene-d6	5.729	84	154376	4.101	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.000%	
36) 1,2-Dichloropropane-d6	6.694	67	54528	4.268	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.400%	
41) Toluene-d8	7.899	98	133647	3.943	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.800%	
43) trans-1,3-Dichloroprop...	8.182	79	21080	3.714	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	74.200%	
46) 2-Hexanone-d5	8.636	63	115182	50.303	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.600%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	46017	4.498	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.000%	
66) 1,2-Dichlorobenzene-d4	12.195	152	53056	4.250	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	85.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	56554	4.872	ug/L	97
3) Chloromethane	1.520	50	57064	4.478	ug/L	99
5) Vinyl chloride	1.601	62	56454	4.938	ug/L #	73
6) Bromomethane	1.855	94	22201	3.529	ug/L	98
8) Chloroethane	1.932	64	32998	4.987	ug/L	97
9) Trichlorofluoromethane	2.137	101	69111	5.209	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	40983	5.218	ug/L	99
12) 1,1-Dichloroethene	2.578	96	37240	4.870	ug/L	95
13) Acetone	2.646	43	86632	55.173	ug/L	100
14) Carbon disulfide	2.790	76	121069	4.794	ug/L	100
15) Methyl Acetate	2.957	43	22561	5.372	ug/L	96
16) Methylene chloride	3.044	84	50450	5.015	ug/L	95
17) Methyl tert-butyl Ether	3.366	73	109175	4.721	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	41429	4.890	ug/L	93
19) 1,1-Dichloroethane	3.871	63	85258	5.104	ug/L	97
21) 2-Butanone	4.713	43	152029	50.777	ug/L	98
22) cis-1,2-Dichloroethene	4.668	96	47581	5.022	ug/L	93
23) Bromochloromethane	4.977	128	20170	4.973	ug/L	94
25) Chloroform	5.089	83	82347	4.911	ug/L	99

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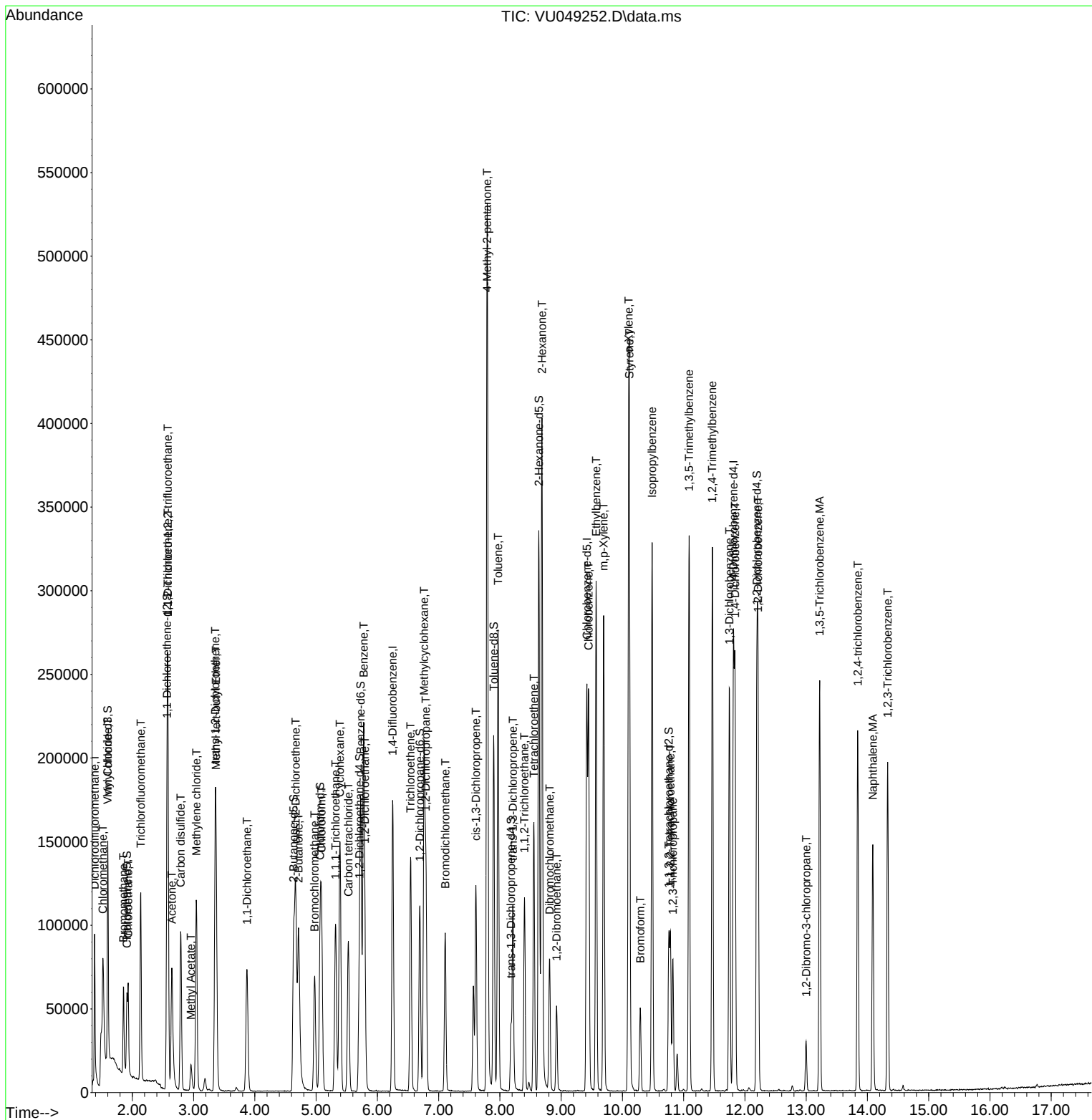
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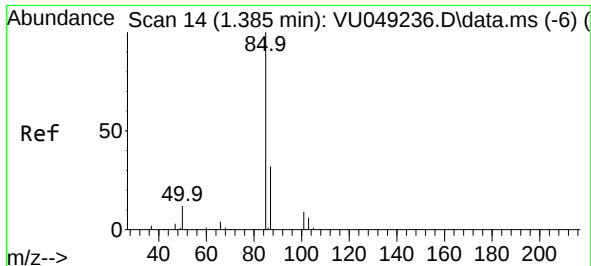
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 18 04:11:00 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	54297	4.917	ug/L	100
29) 1,1,1-Trichloroethane	5.317	97	72091	4.828	ug/L	99
30) Cyclohexane	5.388	56	78481	4.624	ug/L	97
31) Carbon tetrachloride	5.526	117	60007	4.799	ug/L	99
33) Benzene	5.777	78	184539	4.963	ug/L	100
34) Trichloroethene	6.542	95	48197	5.071	ug/L	98
35) Methylcyclohexane	6.764	83	77059	4.834	ug/L	98
37) 1,2-Dichloropropane	6.793	63	51317	5.023	ug/L	99
38) Bromodichloromethane	7.108	83	61760	4.945	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	71800	4.623	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	369038	48.617	ug/L	99
42) Toluene	7.970	91	192877	4.892	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	60079	4.454	ug/L	96
45) 1,1,2-Trichloroethane	8.401	97	34690	4.871	ug/L	96
47) Tetrachloroethene	8.555	164	34144	5.209	ug/L	99
48) 2-Hexanone	8.687	43	266400	49.170	ug/L	98
49) Dibromochloromethane	8.812	129	39295	4.836	ug/L	98
50) 1,2-Dibromoethane	8.925	107	32382	4.904	ug/L	100
51) Chlorobenzene	9.449	112	118189	4.923	ug/L	98
52) Ethylbenzene	9.571	91	208681	4.846	ug/L	100
53) m,p-Xylene	9.693	106	78813	4.925	ug/L	99
54) o-Xylene	10.102	106	76436	4.817	ug/L	99
55) Styrene	10.115	104	127959	4.815	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	45289	4.805	ug/L	98
59) Bromoform	10.291	173	22268	4.557	ug/L	98
60) Isopropylbenzene	10.484	105	205760	4.643	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	33314	4.564	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	177262	4.532	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	176400	4.552	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	92717	4.889	ug/L	94
65) 1,4-Dichlorobenzene	11.838	146	90382	4.822	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	87284	4.837	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	8049	4.046	ug/L #	85
69) 1,3,5-Trichlorobenzene	13.221	180	71721	5.043	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	61402	5.431	ug/L	98
71) Naphthalene	14.089	128	116694	5.194	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	55937	5.262	ug/L	100

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

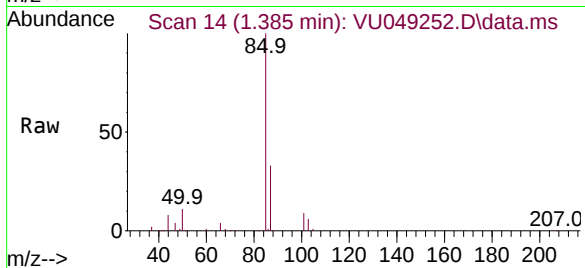
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
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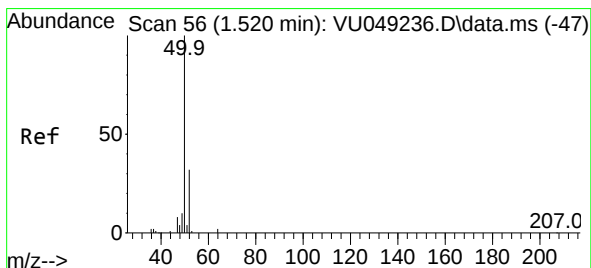
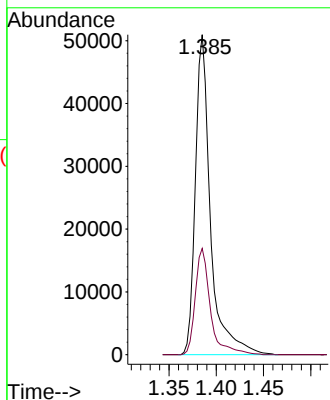
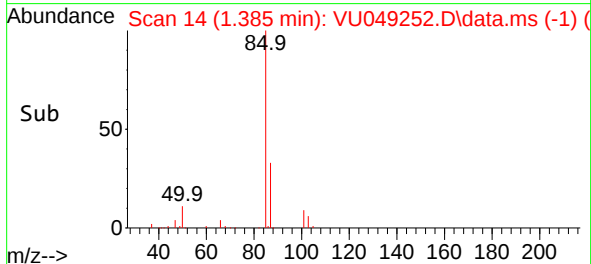


#2
Dichlorodifluoromethane
Concen: 4.872 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU049252.D
Acq: 17 Jun 2022 18:00

Instrument :
MSVOA_U
ClientSampleId :

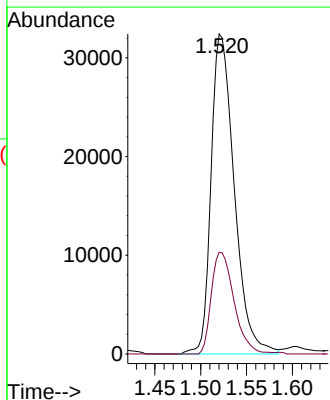
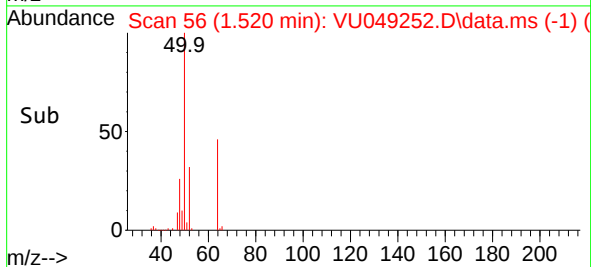
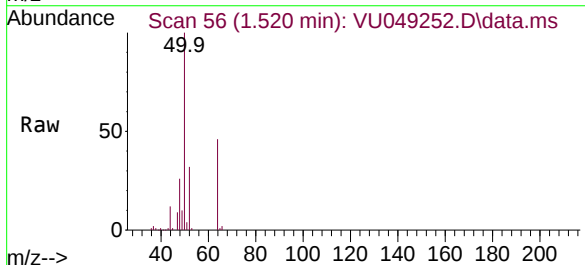


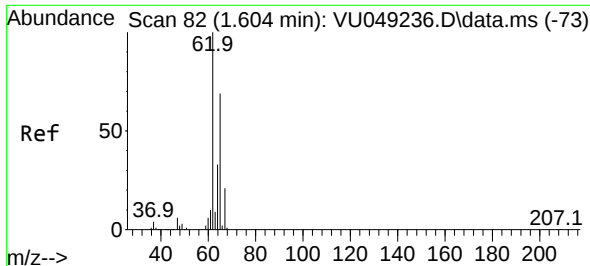
Tgt Ion: 85 Resp: 56554
Ion Ratio Lower Upper
85 100
87 33.4 25.5 38.3



#3
Chloromethane
Concen: 4.478 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU049252.D
Acq: 17 Jun 2022 18:00

Tgt Ion: 50 Resp: 57064
Ion Ratio Lower Upper
50 100
52 31.7 22.7 42.1

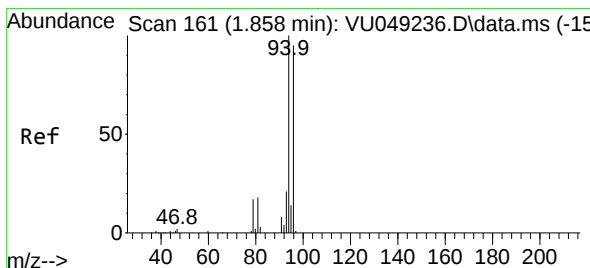
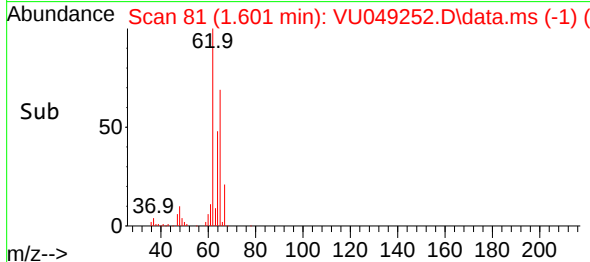
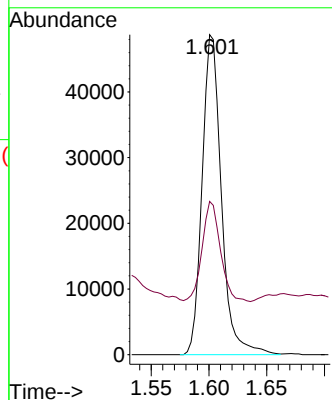
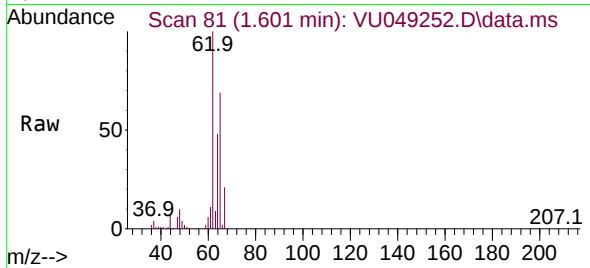




#5
 Vinyl chloride
 Concen: 4.938 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU049252.D
 Acq: 17 Jun 2022 18:00

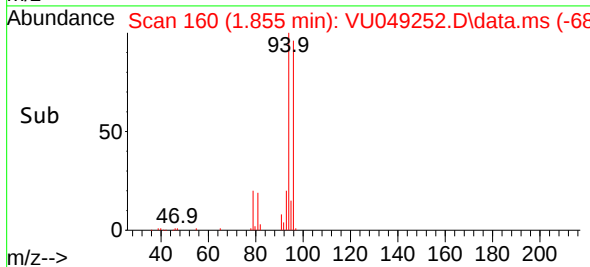
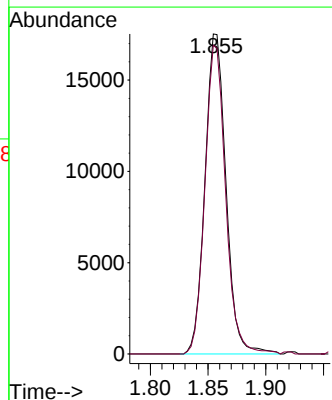
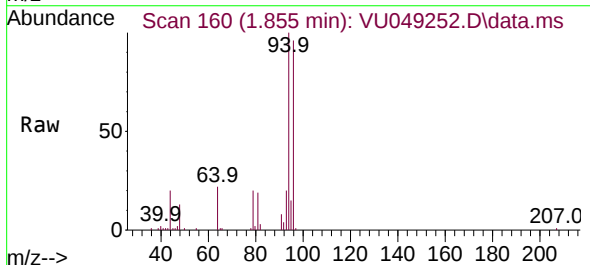
Instrument :
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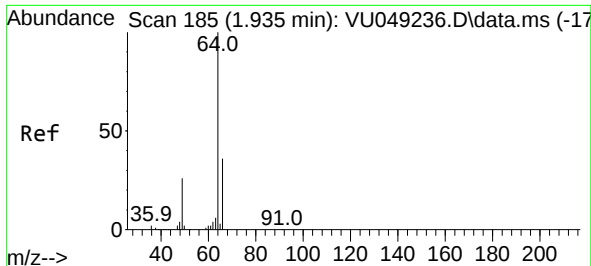
Tgt Ion: 62 Resp: 56454
 Ion Ratio Lower Upper
 62 100
 64 47.9 22.8 42.4#



#6
 Bromomethane
 Concen: 3.529 ug/L
 RT: 1.855 min Scan# 160
 Delta R.T. -0.003 min
 Lab File: VU049252.D
 Acq: 17 Jun 2022 18:00

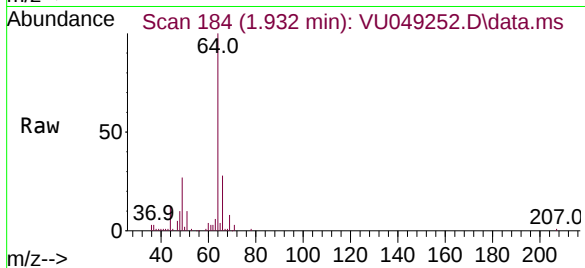
Tgt Ion: 94 Resp: 22201
 Ion Ratio Lower Upper
 94 100
 96 96.4 66.4 123.4



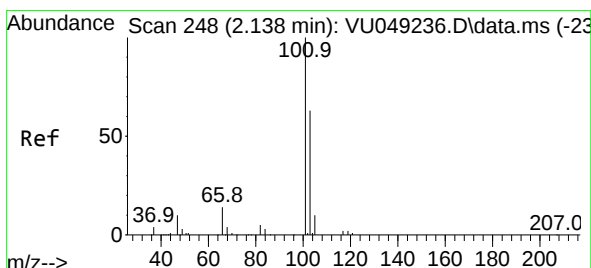
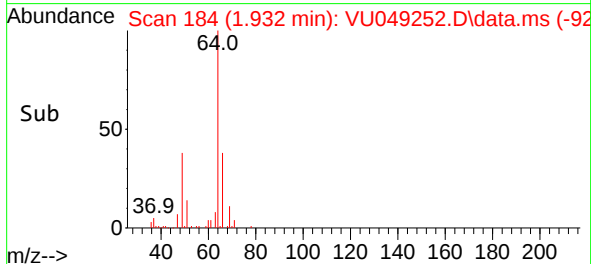
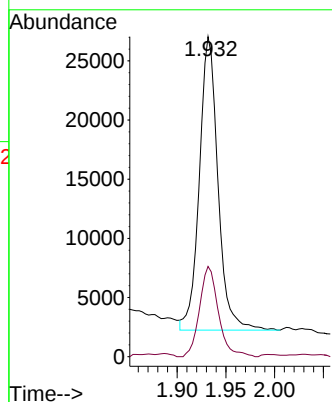


#8
Chloroethane
Concen: 4.987 ug/L
RT: 1.932 min Scan# 184
Delta R.T. -0.003 min
Lab File: VU049252.D
Acq: 17 Jun 2022 18:00

Instrument :
MSVOA_U
ClientSampleId :

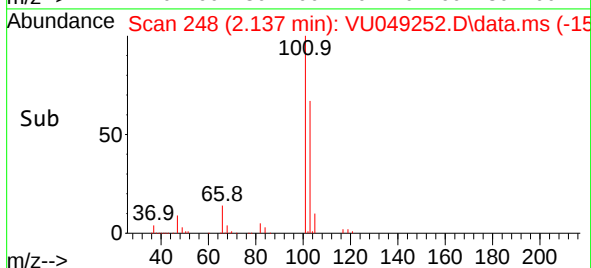
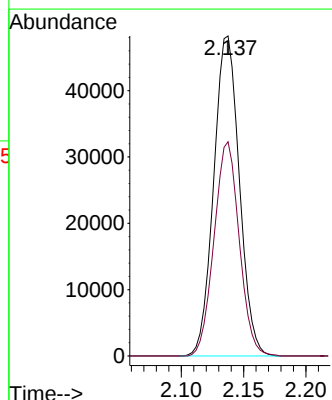
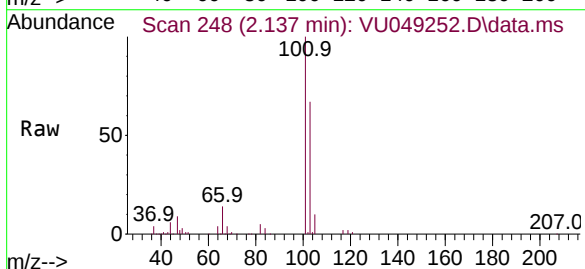


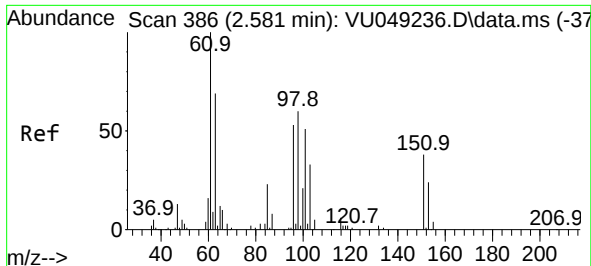
Tgt Ion: 64 Resp: 32998
Ion Ratio Lower Upper
64 100
66 28.2 20.9 38.9



#9
Trichlorofluoromethane
Concen: 5.209 ug/L
RT: 2.137 min Scan# 248
Delta R.T. -0.000 min
Lab File: VU049252.D
Acq: 17 Jun 2022 18:00

Tgt Ion: 101 Resp: 69111
Ion Ratio Lower Upper
101 100
103 65.7 53.5 80.3

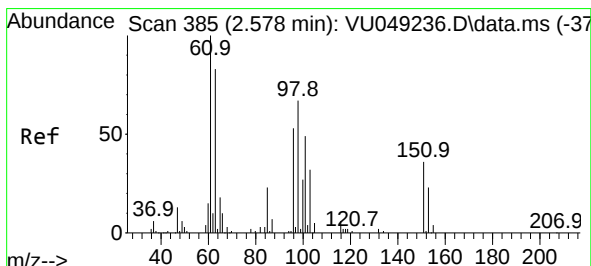
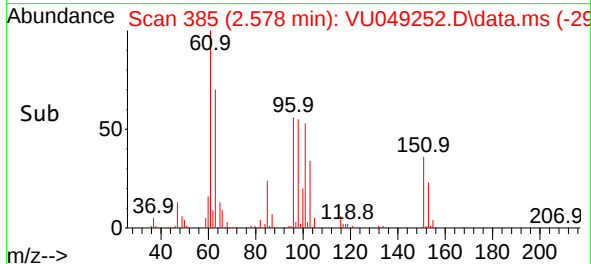
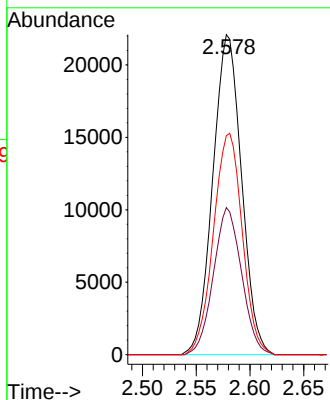
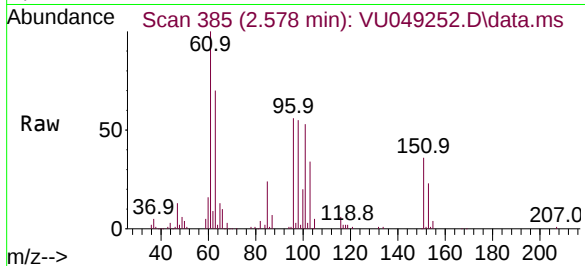




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.218 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.003 min
 Lab File: VU049252.D
 Acq: 17 Jun 2022 18:00

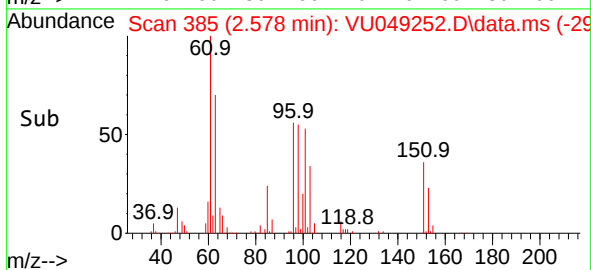
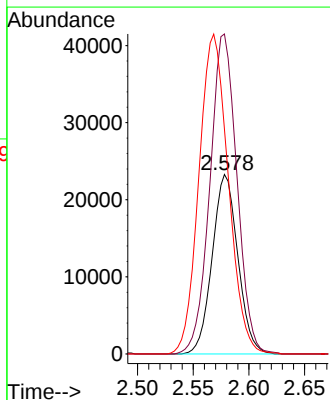
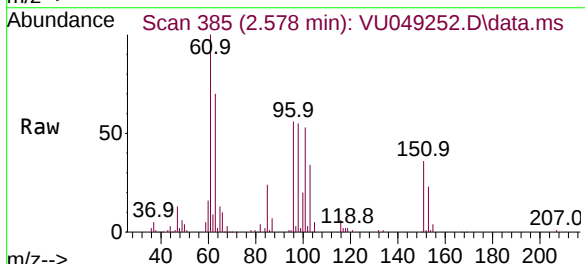
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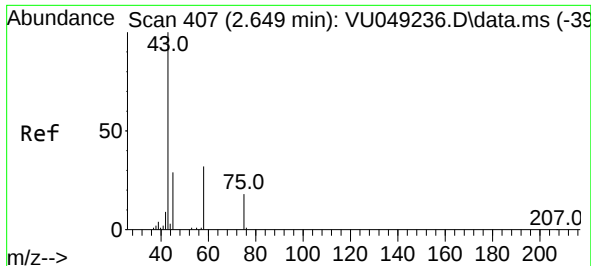
Tgt Ion:101 Resp: 40983
 Ion Ratio Lower Upper
 101 100
 85 45.1 36.1 54.1
 151 69.6 56.8 85.2



#12
 1,1-Dichloroethene
 Concen: 4.870 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU049252.D
 Acq: 17 Jun 2022 18:00

Tgt Ion: 96 Resp: 37240
 Ion Ratio Lower Upper
 96 100
 61 178.3 127.2 236.2
 63 125.3 94.7 175.9





#13

Acetone

Concen: 55.173 ug/L

RT: 2.646 min Scan# 406

Delta R.T. -0.003 min

Lab File: VU049252.D

Acq: 17 Jun 2022 18:00

Instrument :

MSVOA_U

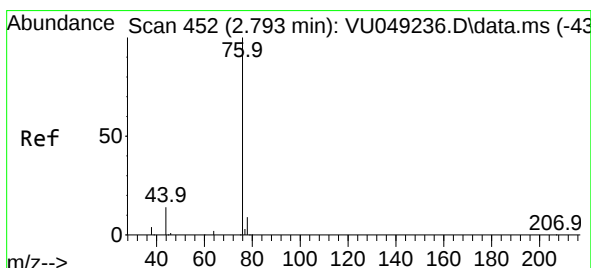
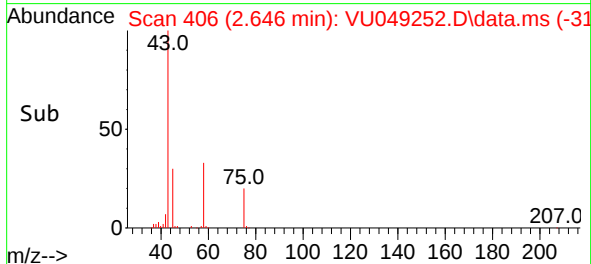
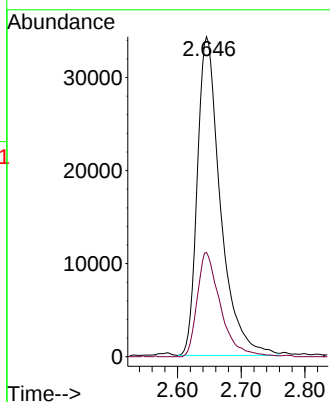
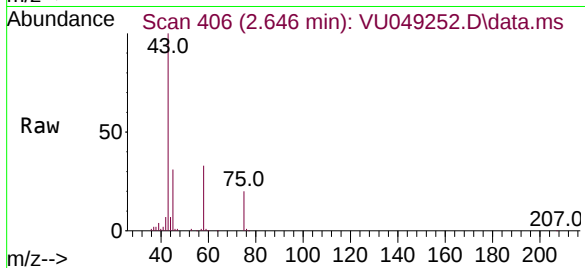
ClientSampleId :

Tgt Ion: 43 Resp: 86632

Ion Ratio Lower Upper

43 100

58 32.8 0.0 65.8



#14

Carbon disulfide

Concen: 4.794 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.003 min

Lab File: VU049252.D

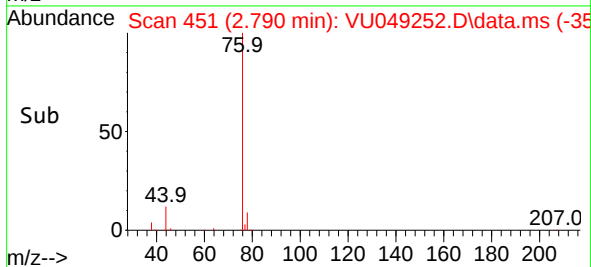
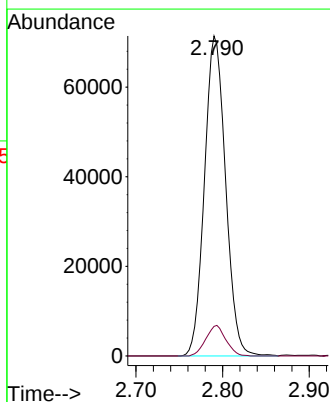
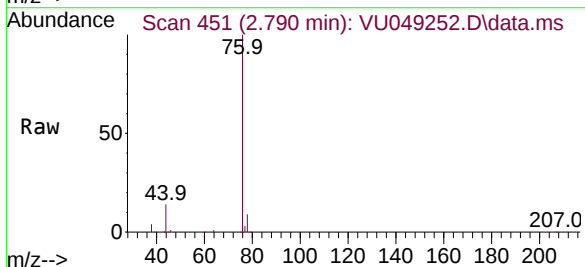
Acq: 17 Jun 2022 18:00

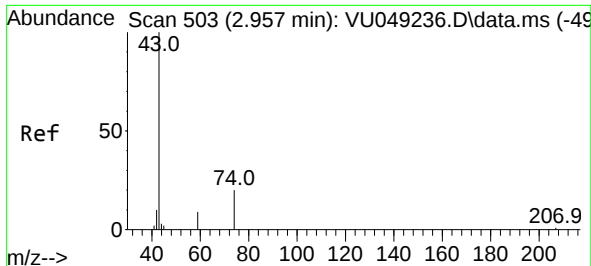
Tgt Ion: 76 Resp: 121069

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3

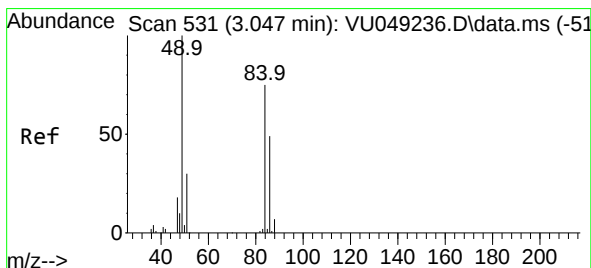
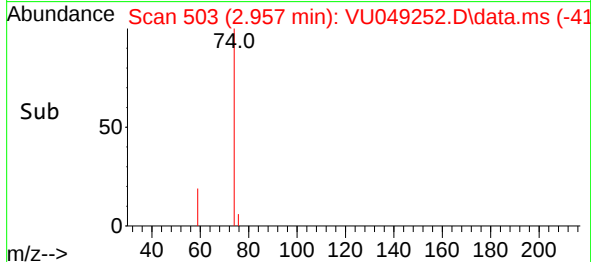
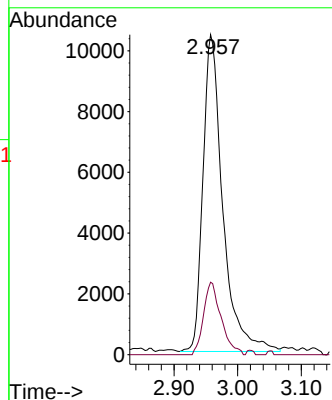
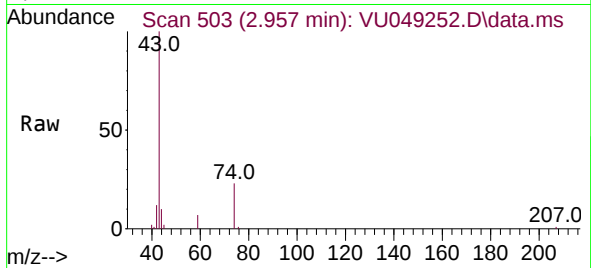




#15
Methyl Acetate
Concen: 5.372 ug/L
RT: 2.957 min Scan# 503
Delta R.T. -0.000 min
Lab File: VU049252.D
Acq: 17 Jun 2022 18:00

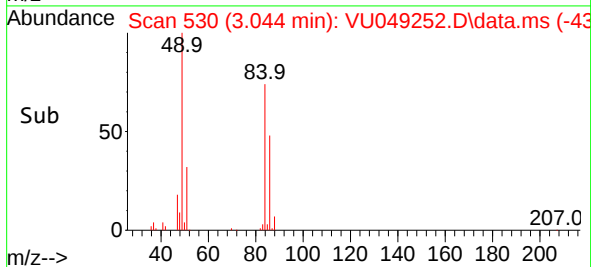
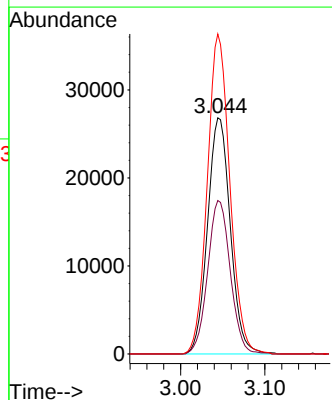
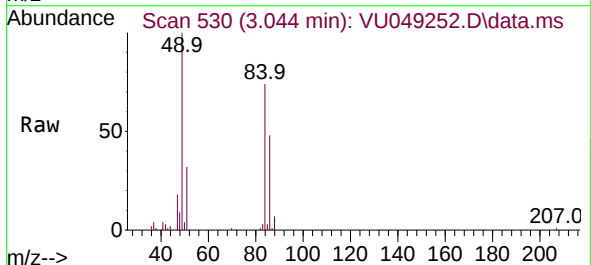
Instrument :
MSVOA_U
ClientSampleId :

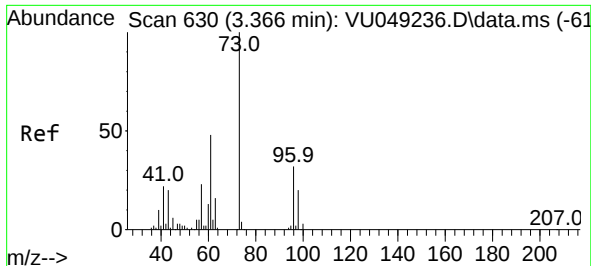
Tgt Ion: 43 Resp: 22561
Ion Ratio Lower Upper
43 100
74 20.2 17.6 26.4



#16
Methylene chloride
Concen: 5.015 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU049252.D
Acq: 17 Jun 2022 18:00

Tgt Ion: 84 Resp: 50450
Ion Ratio Lower Upper
84 100
86 65.0 43.6 81.0
49 135.5 90.2 167.6





#17

Methyl tert-butyl Ether

Concen: 4.721 ug/L

RT: 3.366 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU049252.D

Acq: 17 Jun 2022 18:00

Instrument :

MSVOA_U

ClientSampleId :

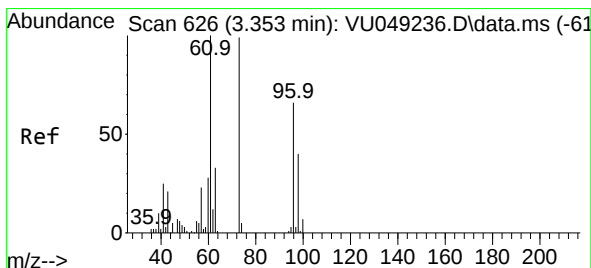
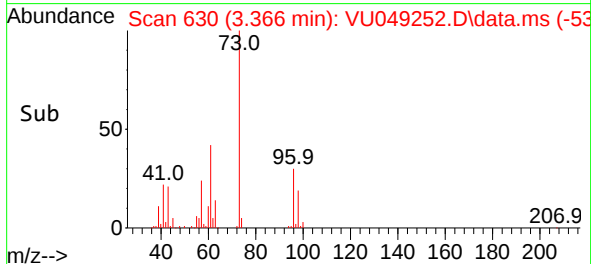
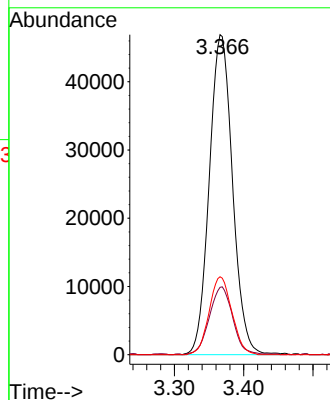
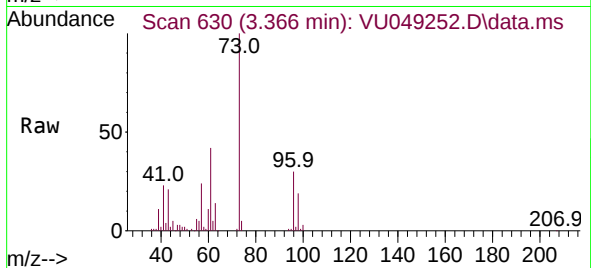
Tgt Ion: 73 Resp: 109175

Ion Ratio Lower Upper

73 100

43 21.4 16.5 24.7

57 23.8 18.6 27.8



#18

trans-1,2-Dichloroethene

Concen: 4.890 ug/L

RT: 3.353 min Scan# 626

Delta R.T. -0.000 min

Lab File: VU049252.D

Acq: 17 Jun 2022 18:00

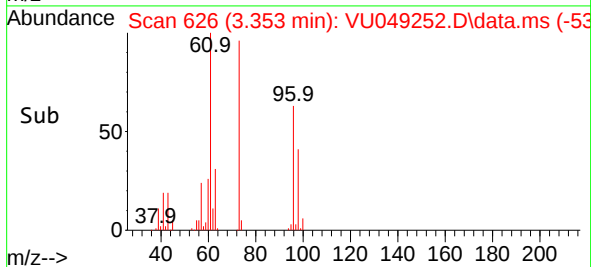
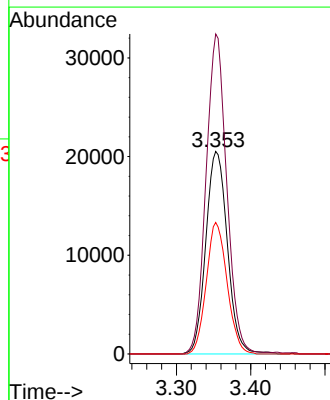
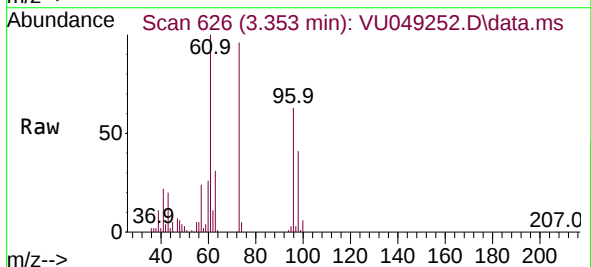
Tgt Ion: 96 Resp: 41429

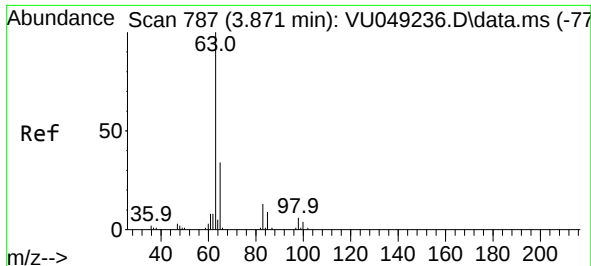
Ion Ratio Lower Upper

96 100

61 158.0 103.3 191.9

98 65.0 44.0 81.8





#19

1,1-Dichloroethane

Concen: 5.104 ug/L

RT: 3.871 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU049252.D

Acq: 17 Jun 2022 18:00

Instrument :

MSVOA_U

ClientSampleId :

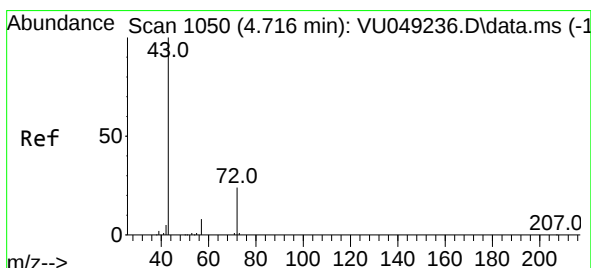
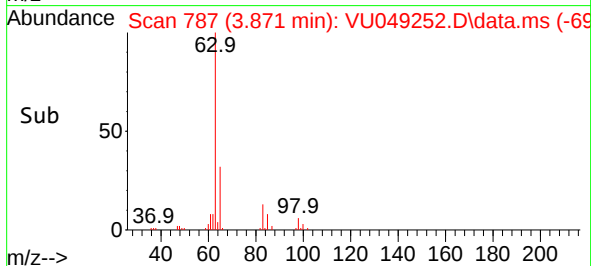
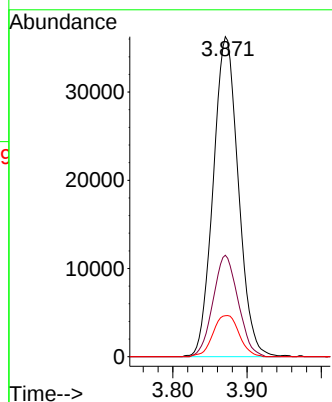
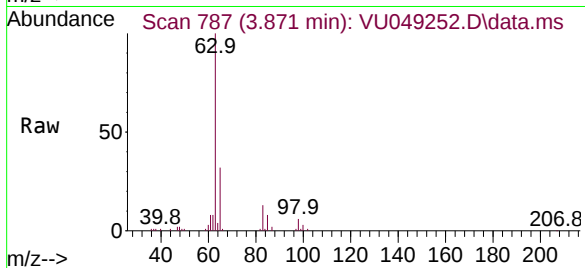
Tgt Ion: 63 Resp: 85258

Ion Ratio Lower Upper

63 100

65 31.7 24.0 44.6

83 12.8 9.1 16.9



#21

2-Butanone

Concen: 50.777 ug/L

RT: 4.713 min Scan# 1049

Delta R.T. -0.003 min

Lab File: VU049252.D

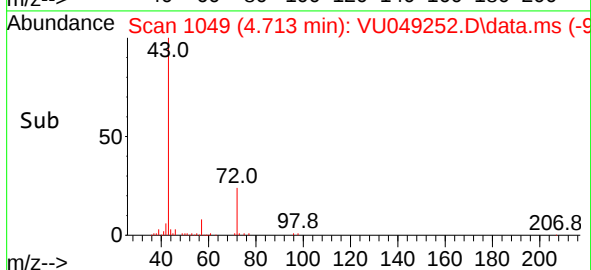
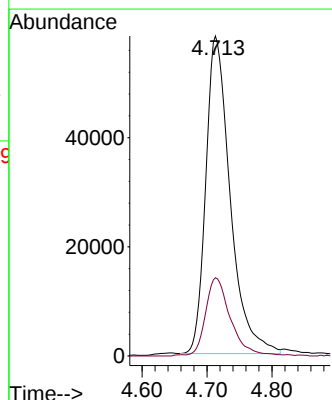
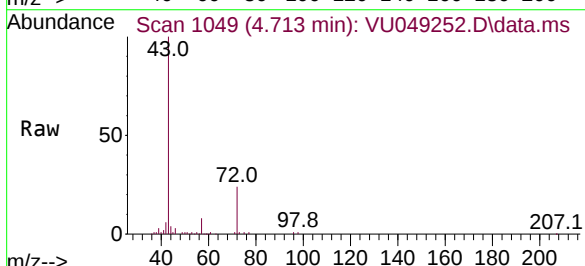
Acq: 17 Jun 2022 18:00

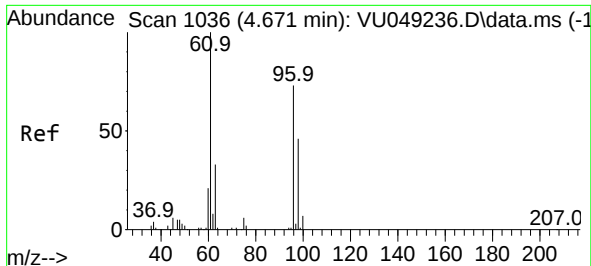
Tgt Ion: 43 Resp: 152029

Ion Ratio Lower Upper

43 100

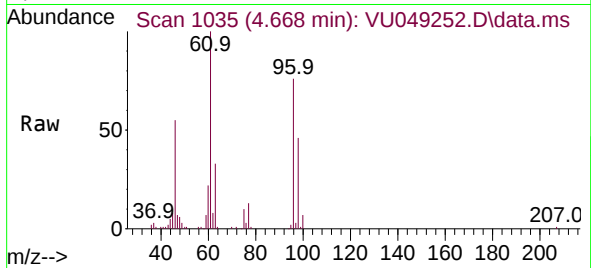
72 25.3 12.2 36.6



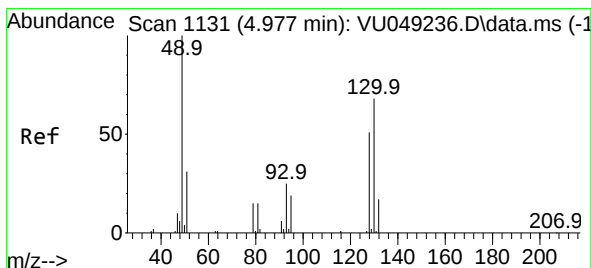
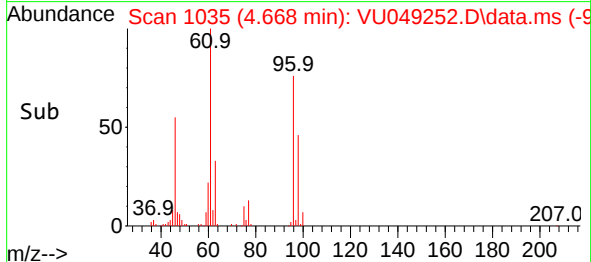
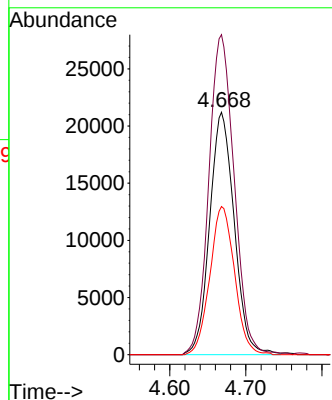


#22
 cis-1,2-Dichloroethene
 Concen: 5.022 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.003 min
 Lab File: VU049252.D
 Acq: 17 Jun 2022 18:00

Instrument :
 MSVOA_U
 ClientSampleId :

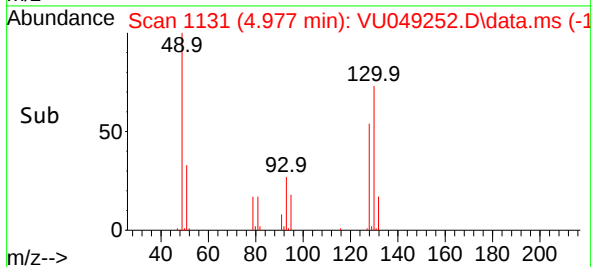
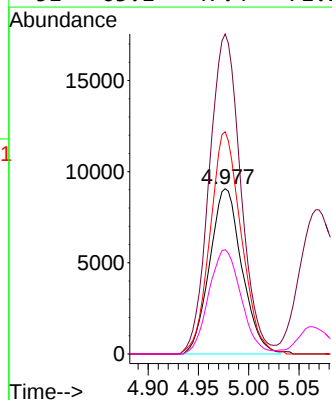
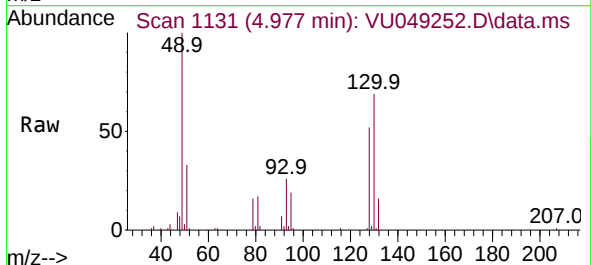


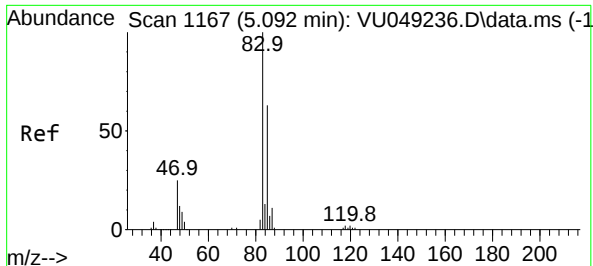
Tgt Ion: 96 Resp: 47581
 Ion Ratio Lower Upper
 96 100
 61 132.0 99.5 184.9
 98 61.1 44.8 83.2



#23
 Bromochloromethane
 Concen: 4.973 ug/L
 RT: 4.977 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: VU049252.D
 Acq: 17 Jun 2022 18:00

Tgt Ion: 128 Resp: 20170
 Ion Ratio Lower Upper
 128 100
 49 193.7 131.6 244.4
 130 134.5 86.9 161.5
 51 63.1 47.4 71.2





#25

Chloroform

Concen: 4.911 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU049252.D

Acq: 17 Jun 2022 18:00

Instrument :

MSVOA_U

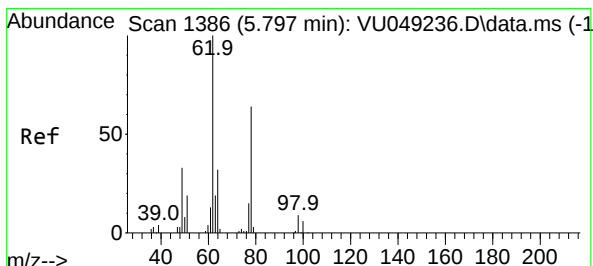
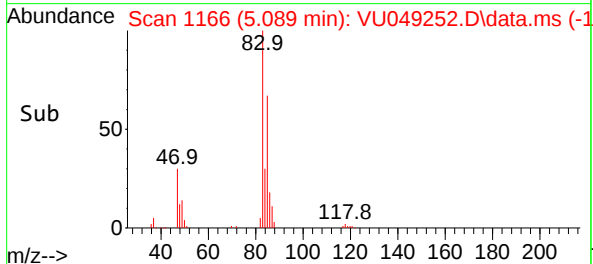
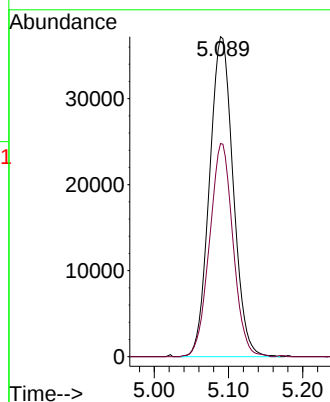
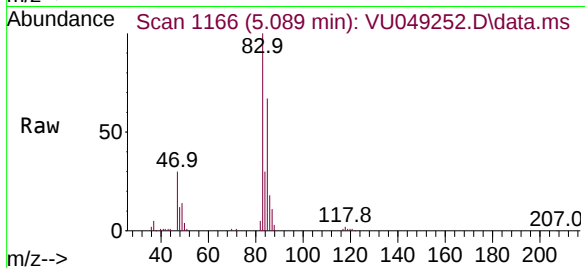
ClientSampleId :

Tgt Ion: 83 Resp: 82347

Ion Ratio Lower Upper

83 100

85 66.6 45.8 85.2



#27

1,2-Dichloroethane

Concen: 4.917 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VU049252.D

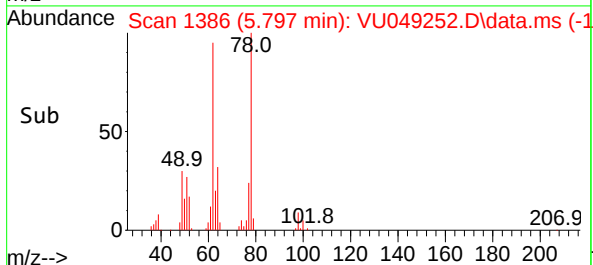
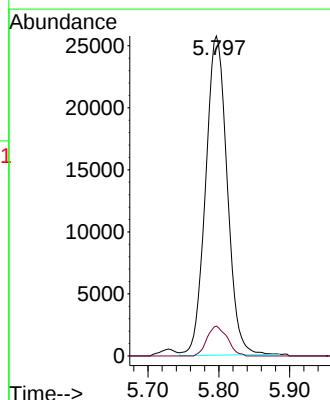
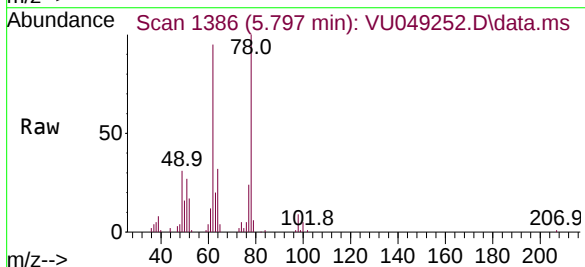
Acq: 17 Jun 2022 18:00

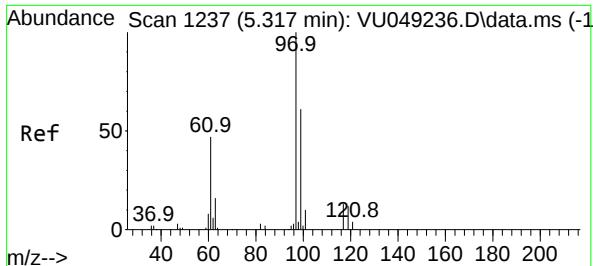
Tgt Ion: 62 Resp: 54297

Ion Ratio Lower Upper

62 100

98 9.3 7.6 11.4





#29

1,1,1-Trichloroethane

Concen: 4.828 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. -0.000 min

Lab File: VU049252.D

Acq: 17 Jun 2022 18:00

Instrument :

MSVOA_U

ClientSampleId :

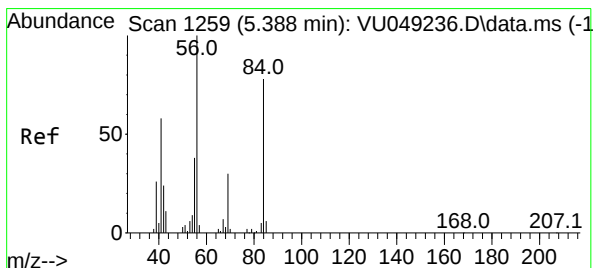
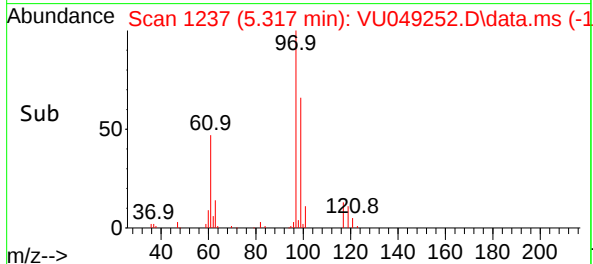
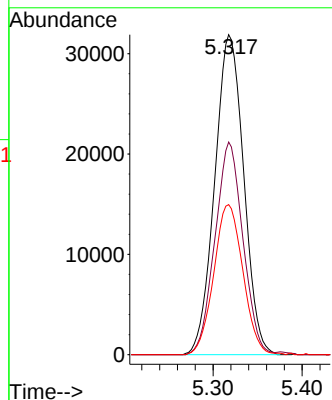
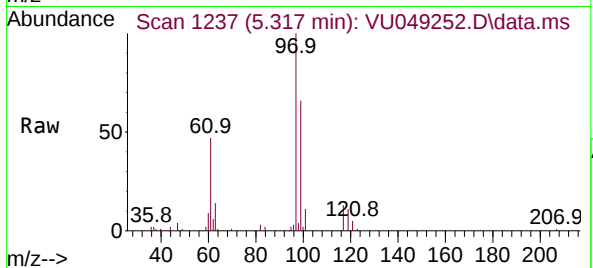
Tgt Ion: 97 Resp: 72091

Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.4

61 47.1 36.2 54.4



#30

Cyclohexane

Concen: 4.624 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VU049252.D

Acq: 17 Jun 2022 18:00

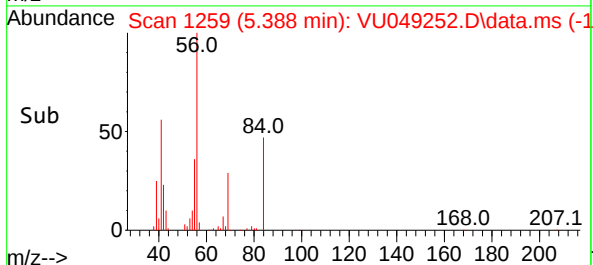
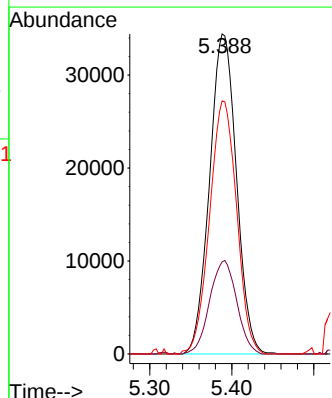
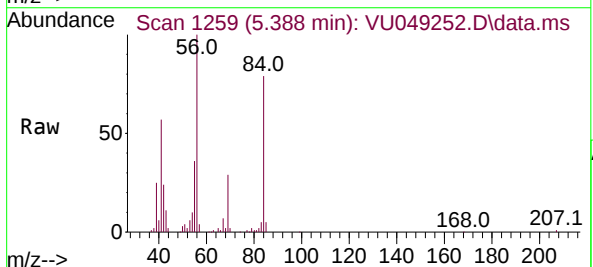
Tgt Ion: 56 Resp: 78481

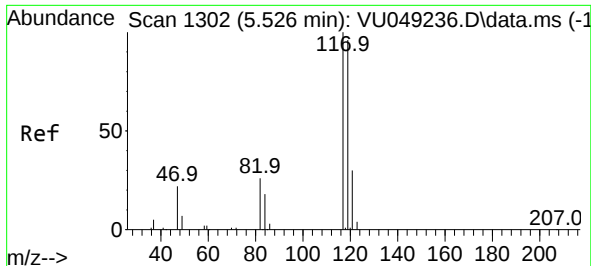
Ion Ratio Lower Upper

56 100

69 29.4 23.8 35.6

84 79.4 61.2 91.8

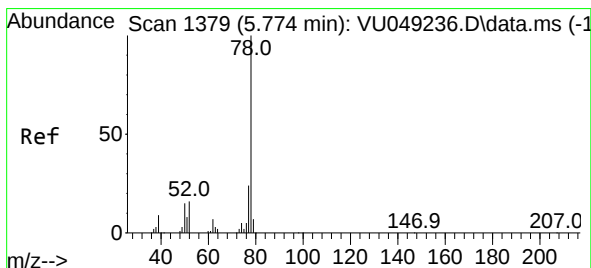
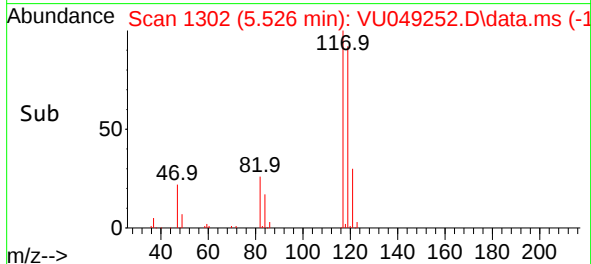
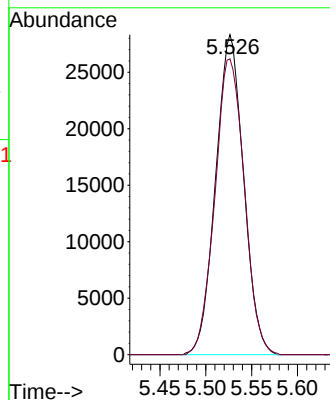
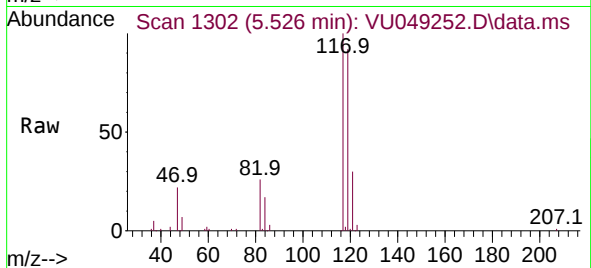




#31
Carbon tetrachloride
Concen: 4.799 ug/L
RT: 5.526 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU049252.D
Acq: 17 Jun 2022 18:00

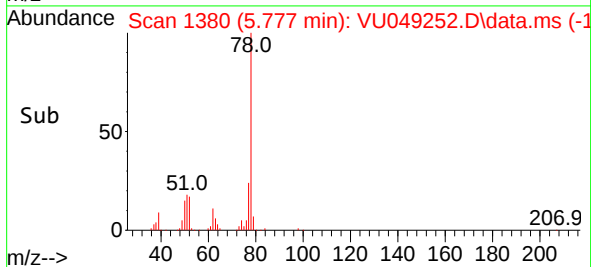
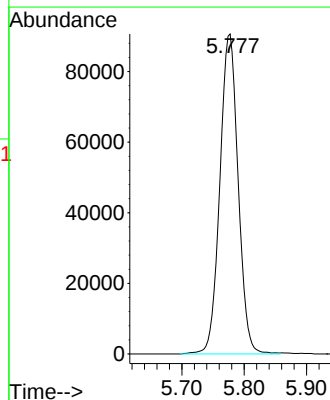
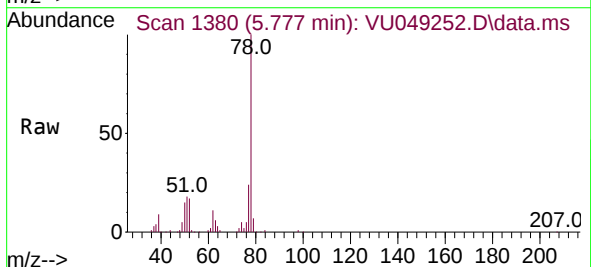
Instrument :
MSVOA_U
ClientSampleId :

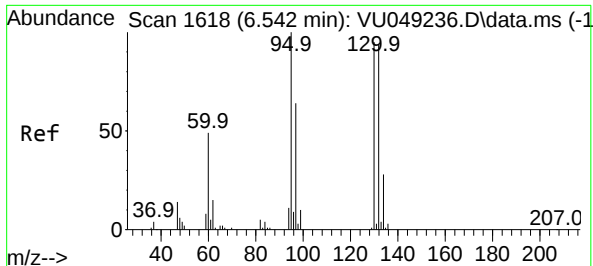
Tgt Ion:117 Resp: 60007
Ion Ratio Lower Upper
117 100
119 97.2 78.3 117.5



#33
Benzene
Concen: 4.963 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.003 min
Lab File: VU049252.D
Acq: 17 Jun 2022 18:00

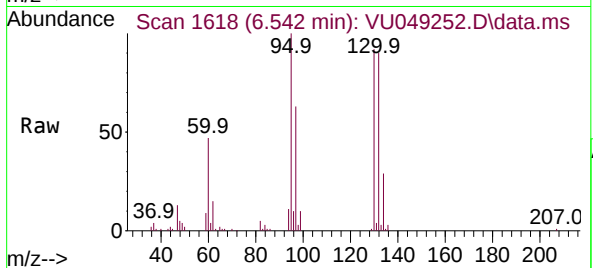
Tgt Ion: 78 Resp: 184539



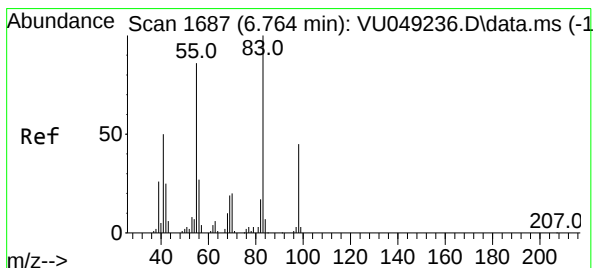
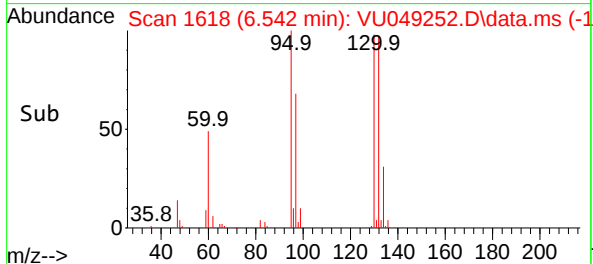
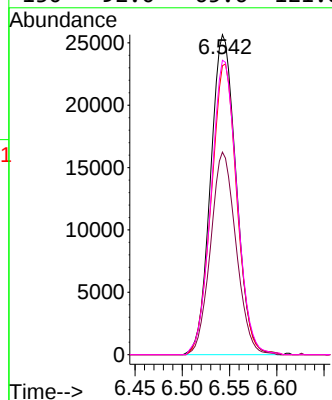


#34
Trichloroethene
Concen: 5.071 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU049252.D
Acq: 17 Jun 2022 18:00

Instrument :
MSVOA_U
ClientSampleId :

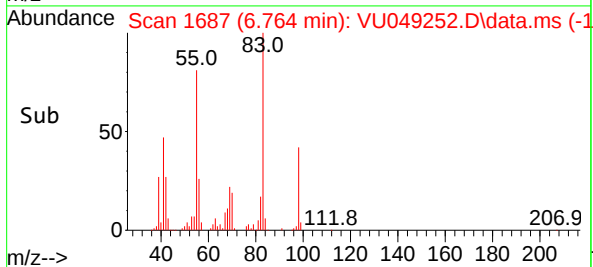
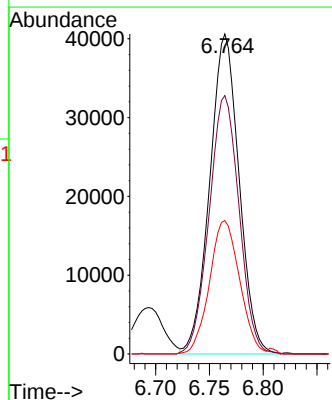
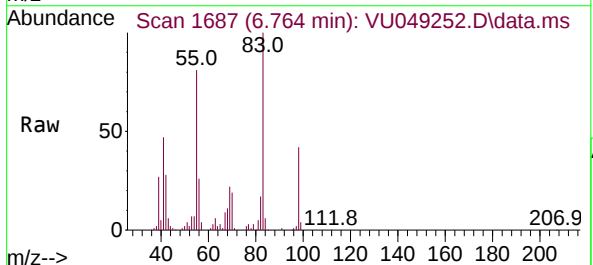


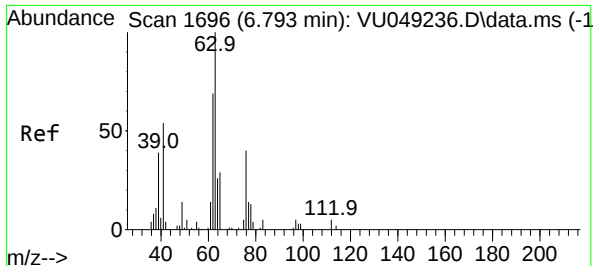
Tgt Ion: 95 Resp: 48197
Ion Ratio Lower Upper
95 100
97 63.3 45.3 84.1
132 90.3 61.5 114.3
130 92.0 65.6 121.8



#35
Methylcyclohexane
Concen: 4.834 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VU049252.D
Acq: 17 Jun 2022 18:00

Tgt Ion: 83 Resp: 77059
Ion Ratio Lower Upper
83 100
55 82.4 66.9 100.3
98 42.8 35.5 53.3





#37

1,2-Dichloropropane

Concen: 5.023 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU049252.D

Acq: 17 Jun 2022 18:00

Instrument :

MSVOA_U

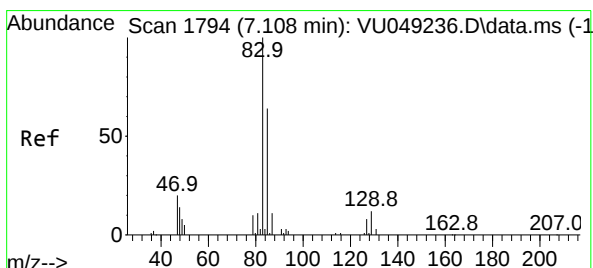
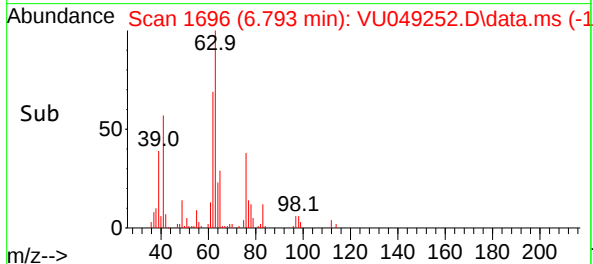
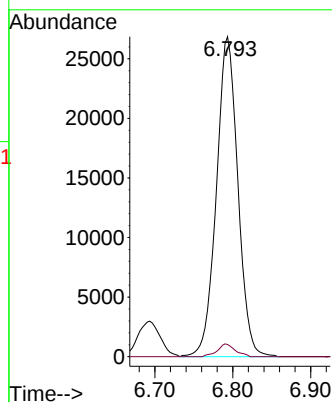
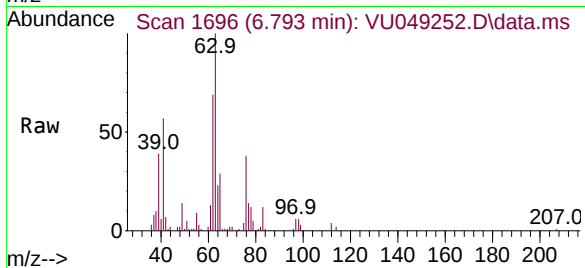
ClientSampleId :

Tgt Ion: 63 Resp: 51317

Ion Ratio Lower Upper

63 100

112 3.3 2.8 4.2



#38

Bromodichloromethane

Concen: 4.945 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU049252.D

Acq: 17 Jun 2022 18:00

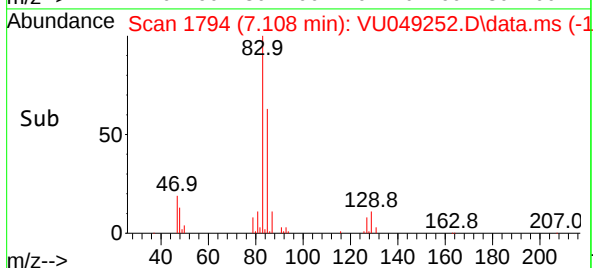
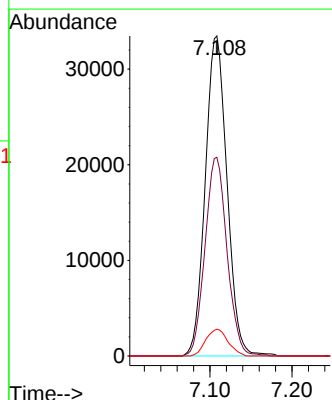
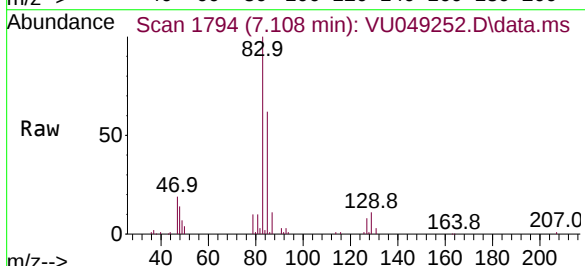
Tgt Ion: 83 Resp: 61760

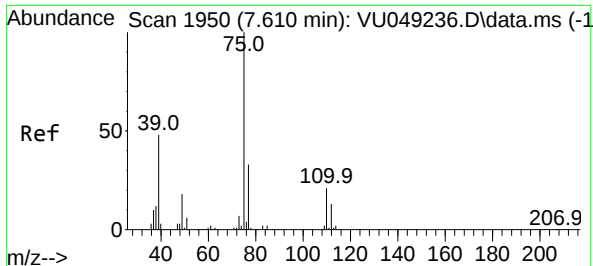
Ion Ratio Lower Upper

83 100

85 62.1 45.5 84.5

127 8.4 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 4.623 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU049252.D

Acq: 17 Jun 2022 18:00

Instrument :

MSVOA_U

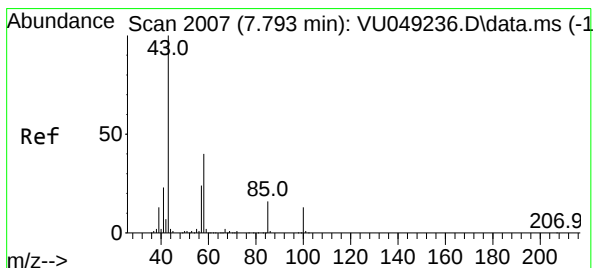
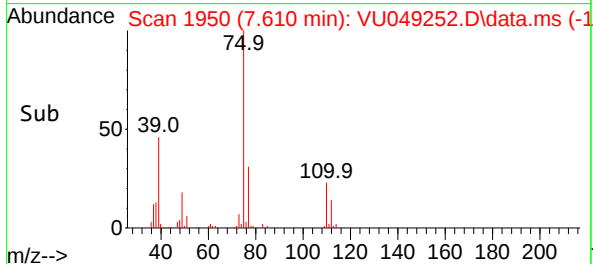
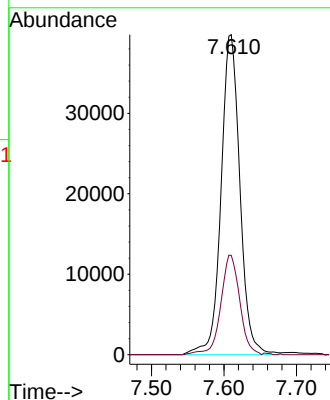
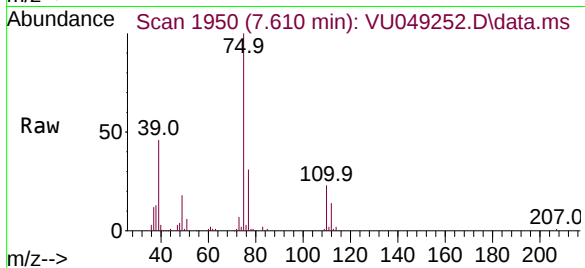
ClientSampleId :

Tgt Ion: 75 Resp: 71800

Ion Ratio Lower Upper

75 100

77 31.0 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 48.617 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU049252.D

Acq: 17 Jun 2022 18:00

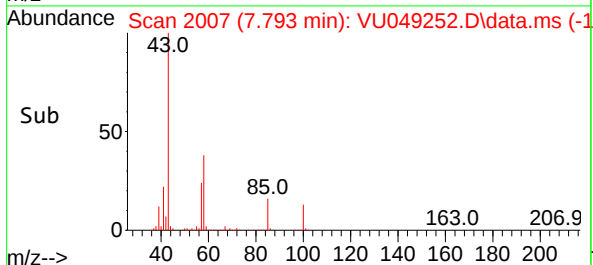
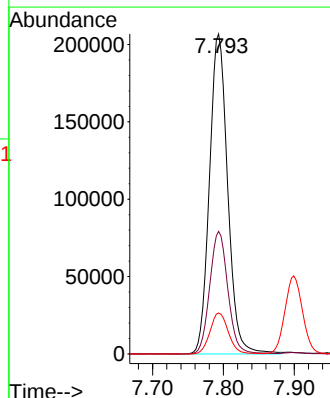
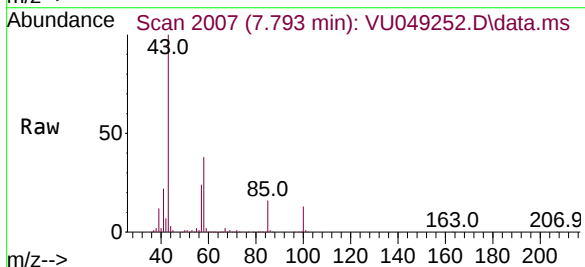
Tgt Ion: 43 Resp: 369038

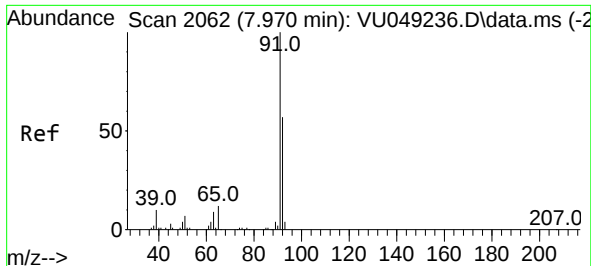
Ion Ratio Lower Upper

43 100

58 38.3 31.4 47.2

100 13.0 10.5 15.7





#42

Toluene

Concen: 4.892 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU049252.D

Acq: 17 Jun 2022 18:00

Instrument :

MSVOA_U

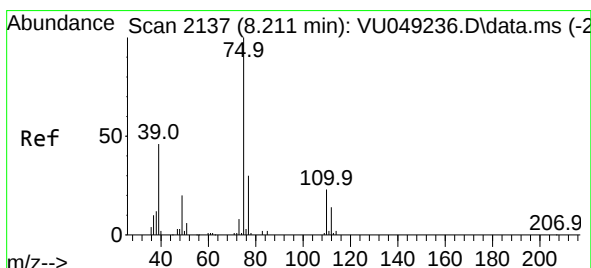
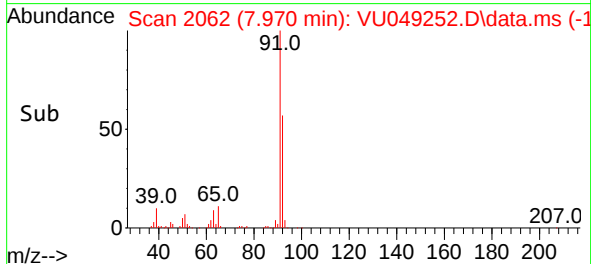
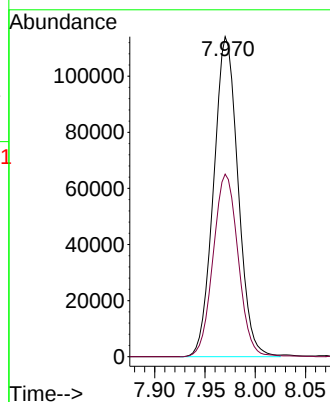
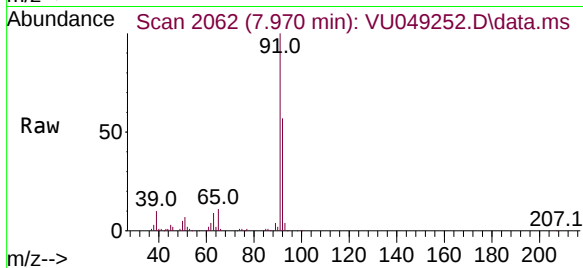
ClientSampleId :

Tgt Ion: 91 Resp: 192877

Ion Ratio Lower Upper

91 100

92 57.0 40.0 74.2



#44

trans-1,3-Dichloropropene

Concen: 4.454 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU049252.D

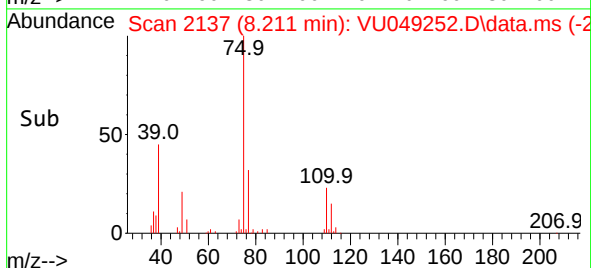
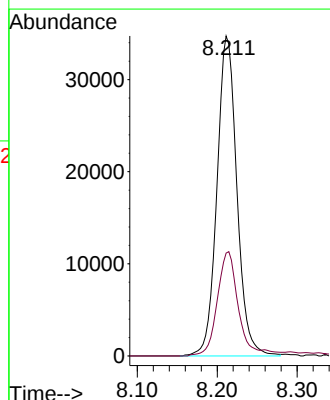
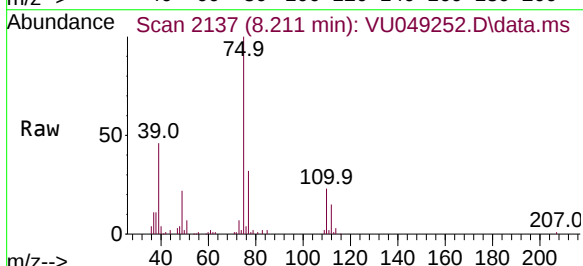
Acq: 17 Jun 2022 18:00

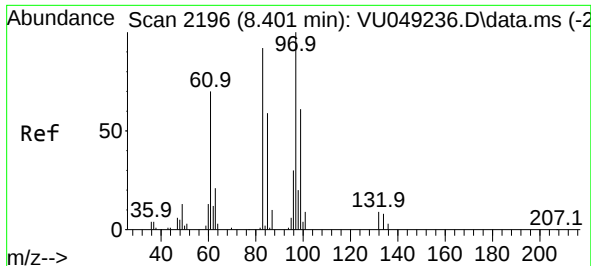
Tgt Ion: 75 Resp: 60079

Ion Ratio Lower Upper

75 100

77 32.1 21.1 39.3

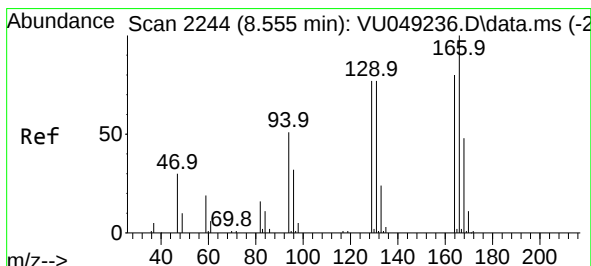
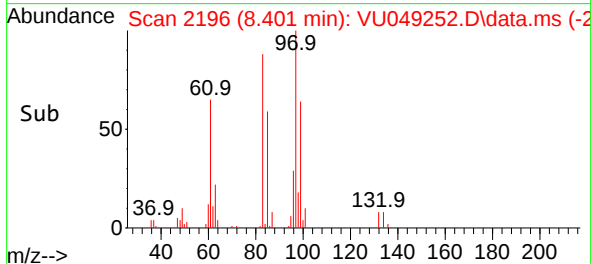
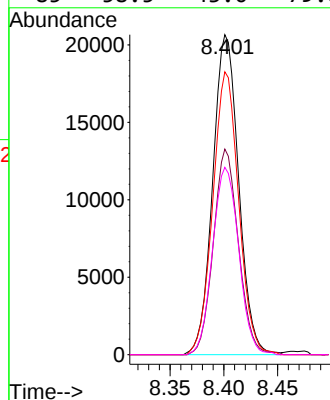
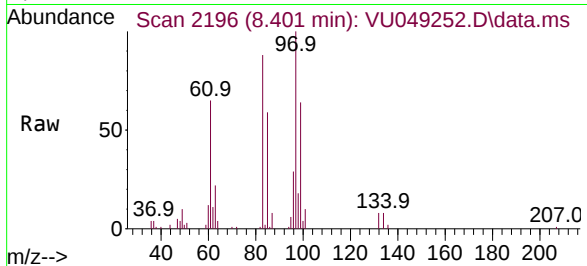




#45
1,1,2-Trichloroethane
Concen: 4.871 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU049252.D
Acq: 17 Jun 2022 18:00

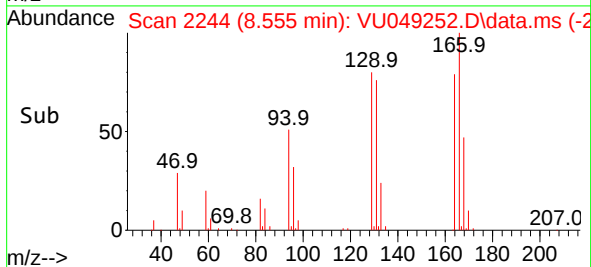
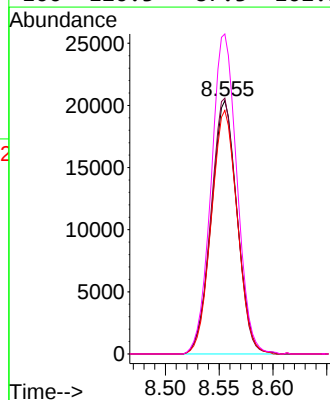
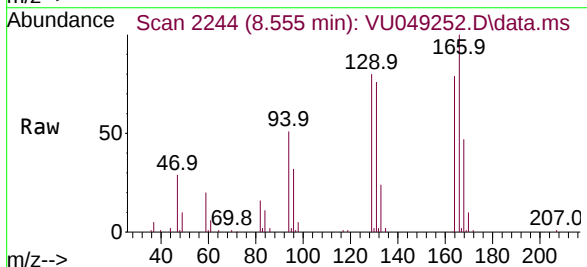
Instrument :
MSVOA_U
ClientSampleId :

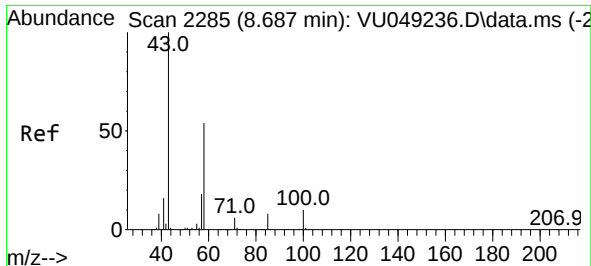
Tgt Ion: 97	Resp: 34690
Ion Ratio	Lower Upper
97 100	
99 64.2	45.6 84.8
83 88.4	65.4 121.4
85 58.5	43.0 79.8



#47
Tetrachloroethene
Concen: 5.209 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU049252.D
Acq: 17 Jun 2022 18:00

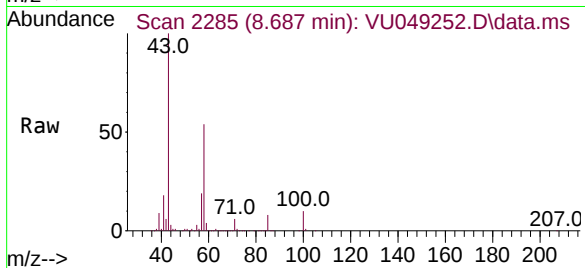
Tgt	Ion:164	Resp:	34144
Ion	Ratio	Lower	Upper
164	100		
129	101.0	69.8	129.6
131	96.1	67.8	125.8
166	126.3	87.3	162.1



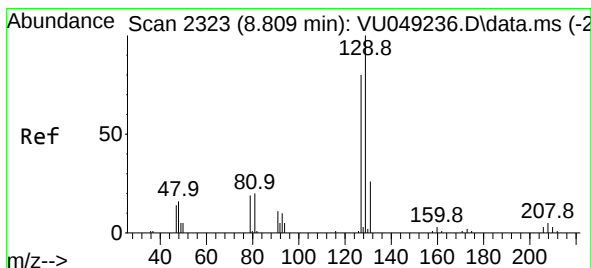
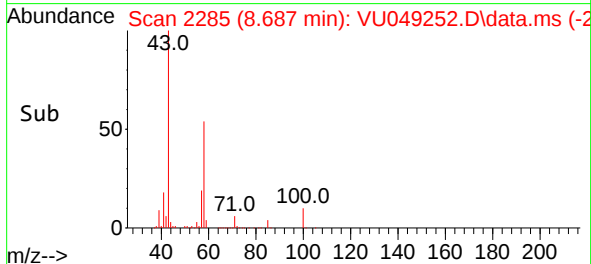
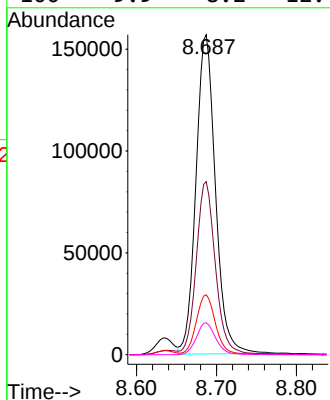


#48
2-Hexanone
Concen: 49.170 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049252.D
Acq: 17 Jun 2022 18:00

Instrument :
MSVOA_U
ClientSampleId :

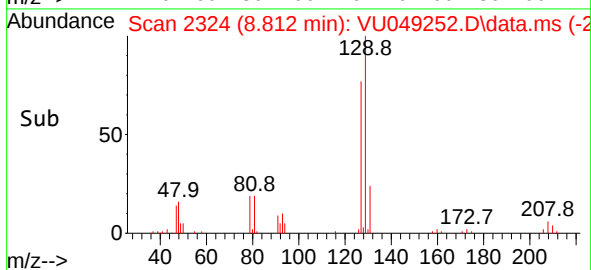
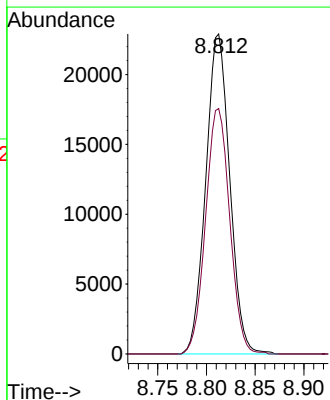
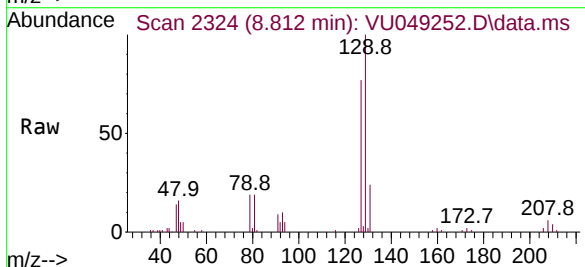


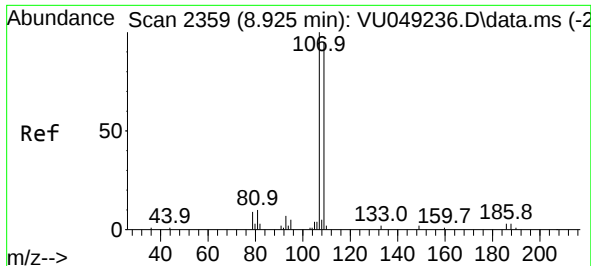
Tgt Ion: 43 Resp: 266400
Ion Ratio Lower Upper
43 100
58 52.6 43.4 65.0
57 18.1 14.9 22.3
100 9.9 8.2 12.4



#49
Dibromochloromethane
Concen: 4.836 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VU049252.D
Acq: 17 Jun 2022 18:00

Tgt Ion: 129 Resp: 39295
Ion Ratio Lower Upper
129 100
127 76.7 54.9 101.9

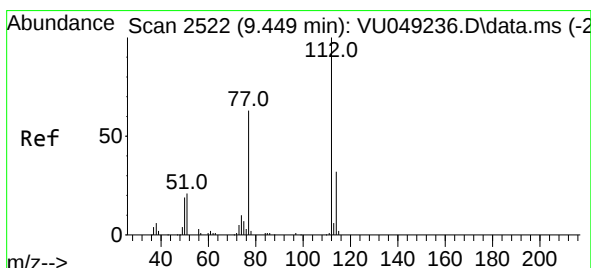
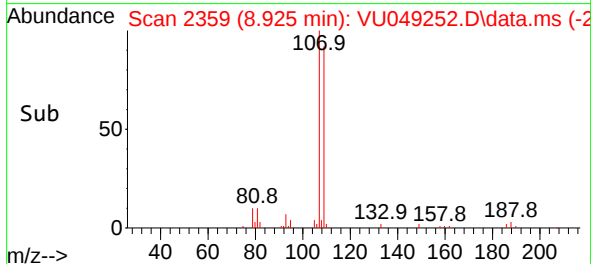
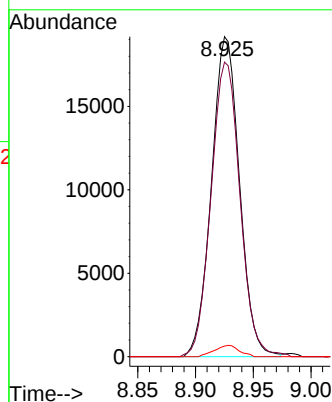
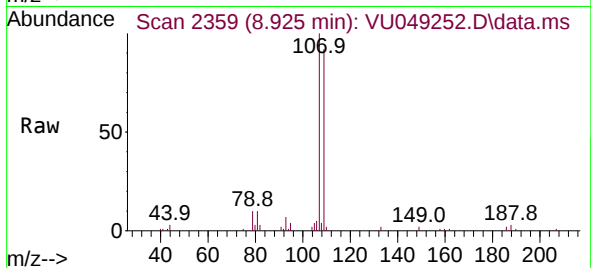




#50
1,2-Dibromoethane
Concen: 4.904 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049252.D
Acq: 17 Jun 2022 18:00

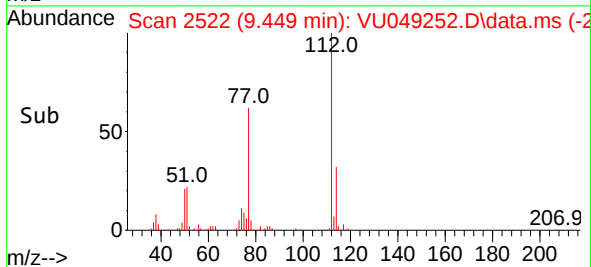
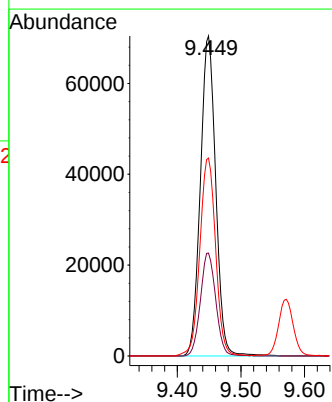
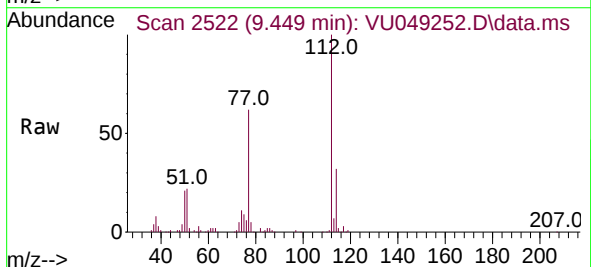
Instrument :
MSVOA_U
ClientSampleId :

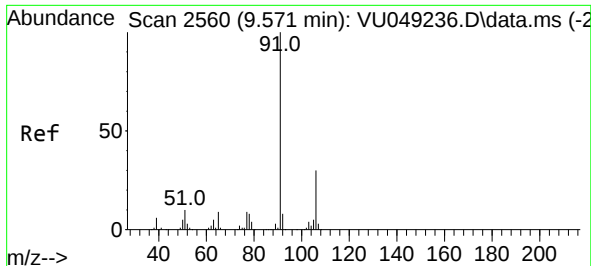
Tgt Ion:107 Resp: 32382
Ion Ratio Lower Upper
107 100
109 92.0 64.4 119.6
188 3.3 2.9 4.3



#51
Chlorobenzene
Concen: 4.923 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU049252.D
Acq: 17 Jun 2022 18:00

Tgt Ion:112 Resp: 118189
Ion Ratio Lower Upper
112 100
114 32.1 22.3 41.3
77 61.9 51.0 76.6

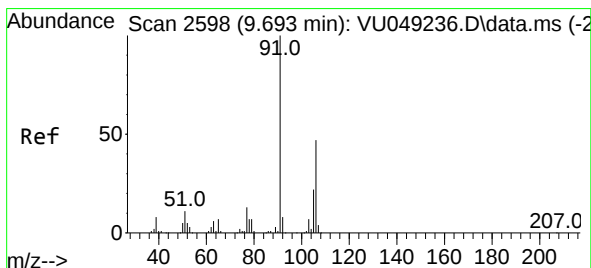
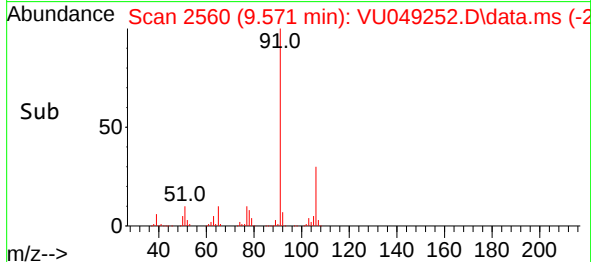
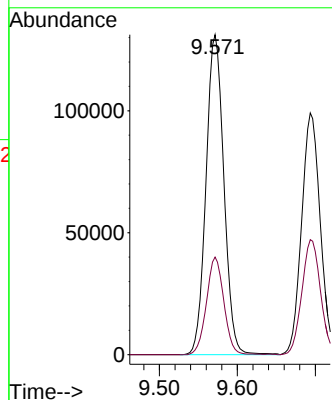
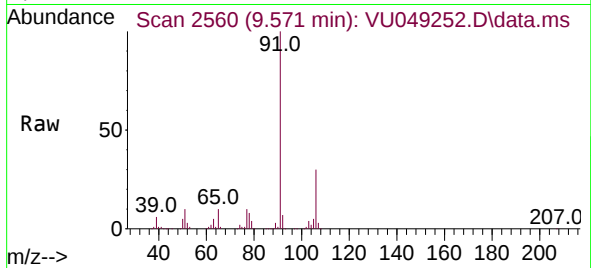




#52
Ethylbenzene
Concen: 4.846 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU049252.D
Acq: 17 Jun 2022 18:00

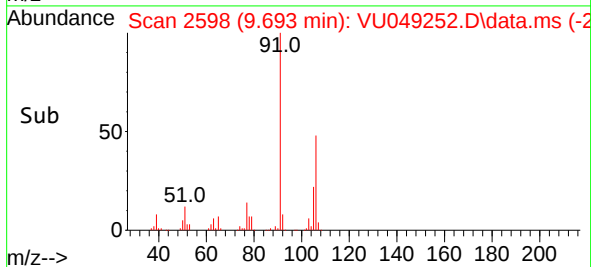
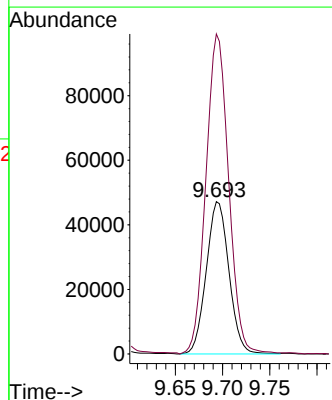
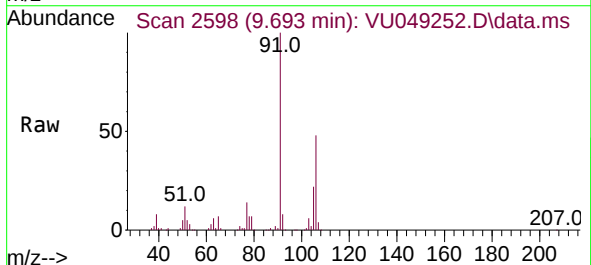
Instrument :
MSVOA_U
ClientSampleId :

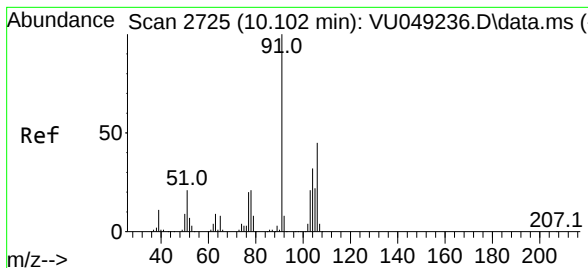
Tgt Ion: 91 Resp: 208681
Ion Ratio Lower Upper
91 100
106 30.5 21.2 39.4



#53
m,p-Xylene
Concen: 4.925 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU049252.D
Acq: 17 Jun 2022 18:00

Tgt Ion:106 Resp: 78813
Ion Ratio Lower Upper
106 100
91 210.1 148.5 275.7

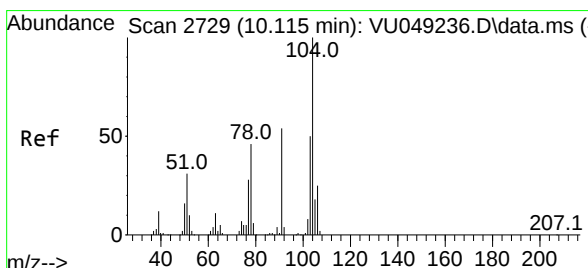
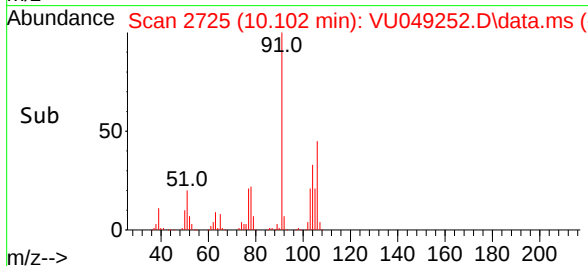
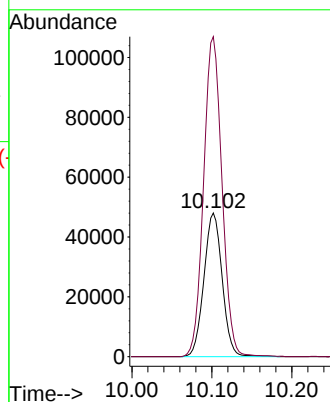
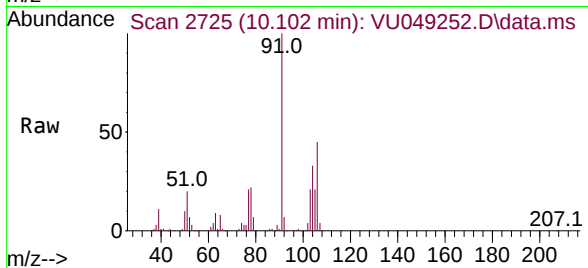




#54
o-Xylene
Concen: 4.817 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU049252.D
Acq: 17 Jun 2022 18:00

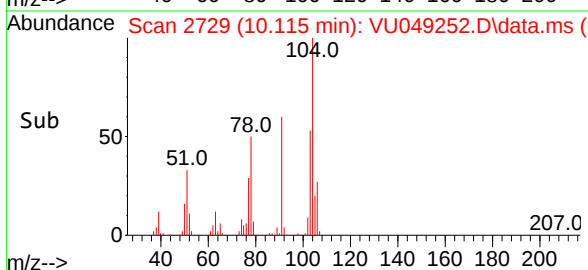
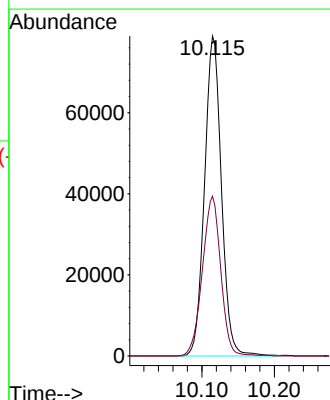
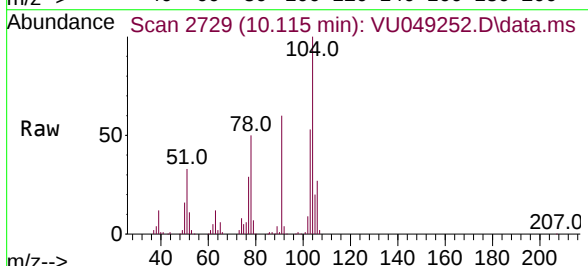
Instrument :
MSVOA_U
ClientSampleId :

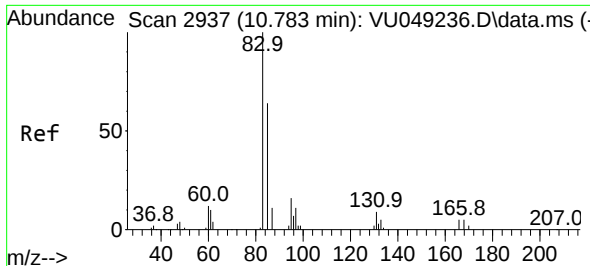
Tgt Ion:106 Resp: 76436
Ion Ratio Lower Upper
106 100
91 222.8 157.5 292.5



#55
Styrene
Concen: 4.815 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU049252.D
Acq: 17 Jun 2022 18:00

Tgt Ion:104 Resp: 127959
Ion Ratio Lower Upper
104 100
78 50.0 34.1 63.3

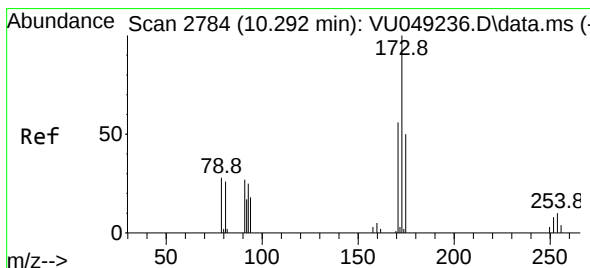
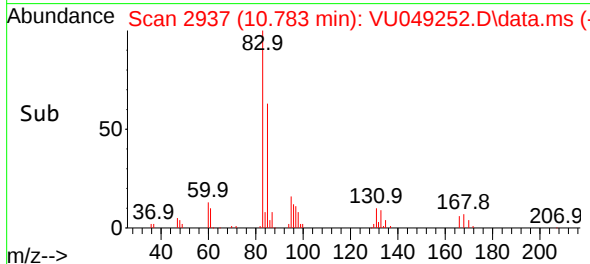
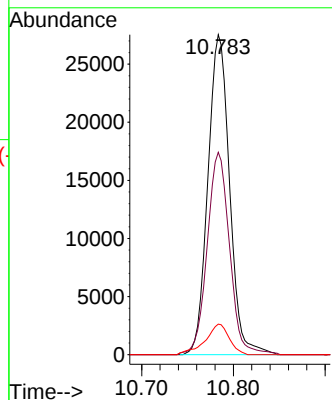
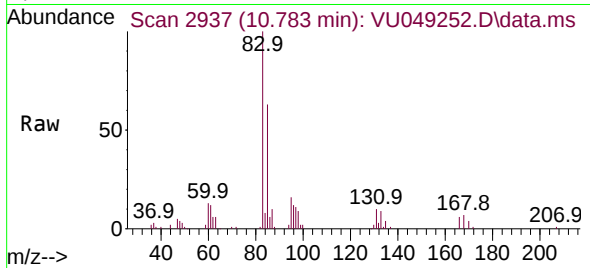




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.805 ug/L
 RT: 10.783 min Scan# 2937
 Delta R.T. -0.000 min
 Lab File: VU049252.D
 Acq: 17 Jun 2022 18:00

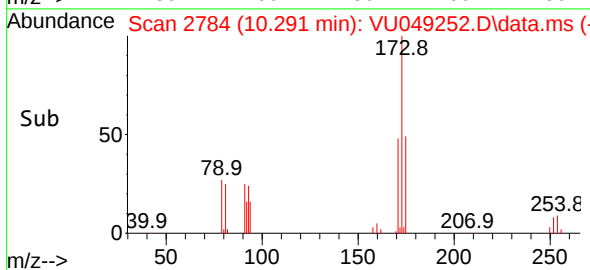
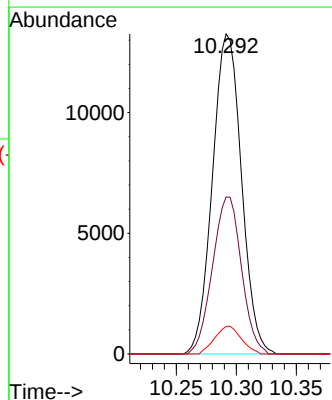
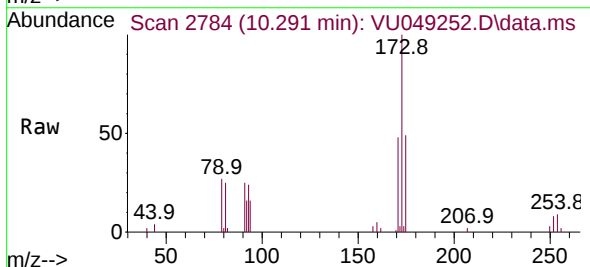
Instrument :
 MSVOA_U
 ClientSampleId :

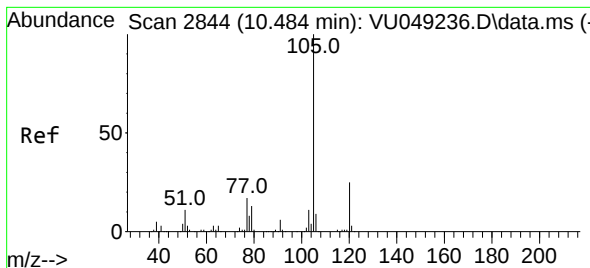
Tgt Ion:	83	Resp:	45289
Ion	Ratio	Lower	Upper
83	100		
85	63.2	45.4	84.4
131	9.5	7.1	10.7



#59
 Bromoform
 Concen: 4.557 ug/L
 RT: 10.291 min Scan# 2784
 Delta R.T. -0.000 min
 Lab File: VU049252.D
 Acq: 17 Jun 2022 18:00

Tgt Ion:	173	Resp:	22268
Ion	Ratio	Lower	Upper
173	100		
175	48.9	37.9	56.9
254	7.9	6.6	9.8





#60

Isopropylbenzene

Concen: 4.643 ug/L

RT: 10.484 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU049252.D

Acq: 17 Jun 2022 18:00

Instrument :

MSVOA_U

ClientSampleId :

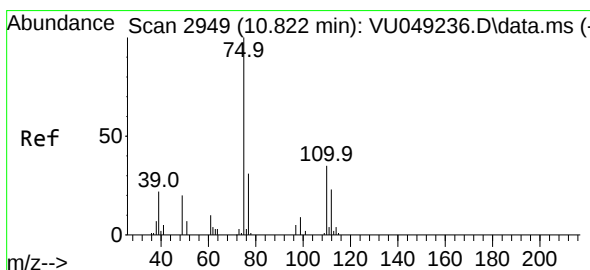
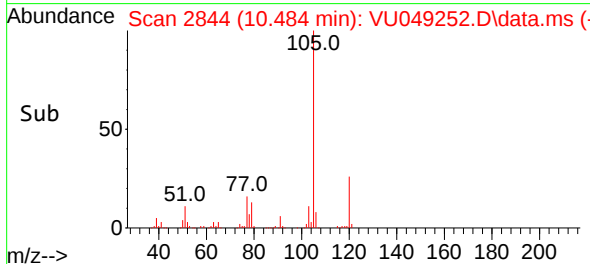
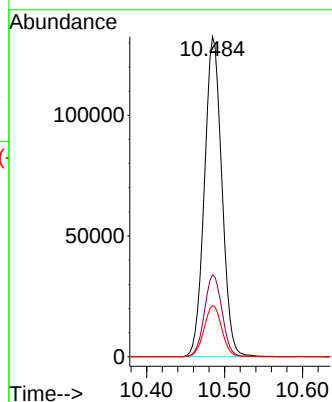
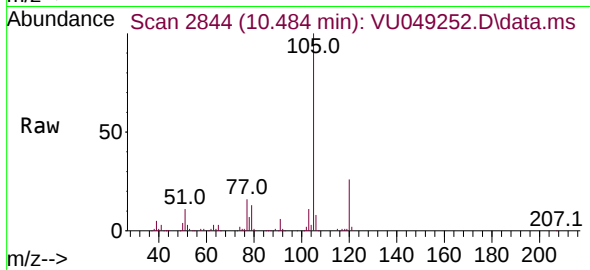
Tgt Ion:105 Resp: 205760

Ion Ratio Lower Upper

105 100

120 25.8 20.3 30.5

77 16.2 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 4.564 ug/L

RT: 10.825 min Scan# 2950

Delta R.T. 0.003 min

Lab File: VU049252.D

Acq: 17 Jun 2022 18:00

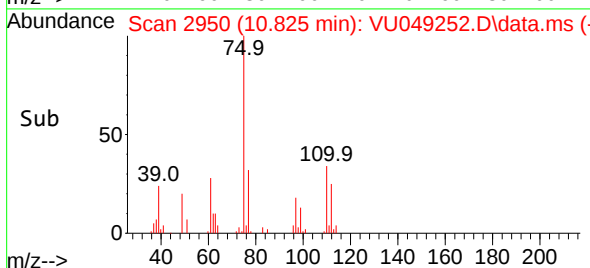
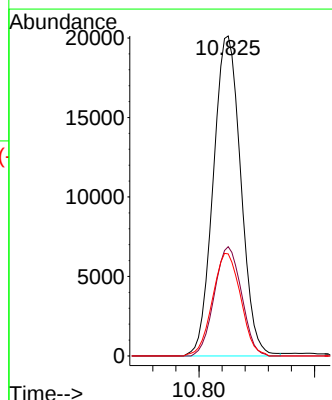
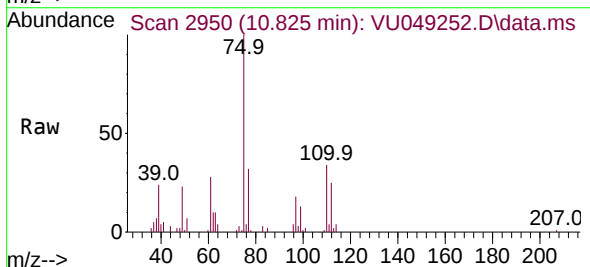
Tgt Ion: 75 Resp: 33314

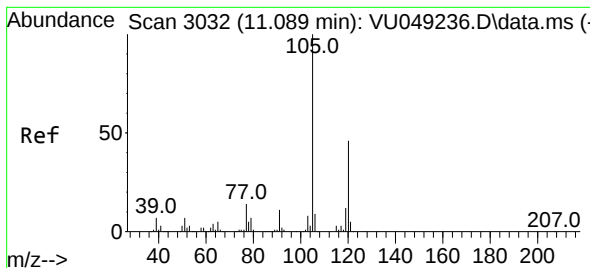
Ion Ratio Lower Upper

75 100

110 33.6 29.0 43.4

77 32.8 26.2 39.2





#62

1,3,5-Trimethylbenzene

Concen: 4.532 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU049252.D

Acq: 17 Jun 2022 18:00

Instrument :

MSVOA_U

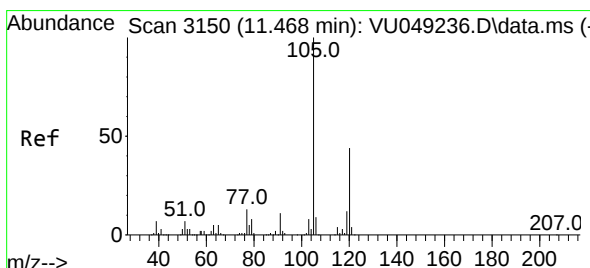
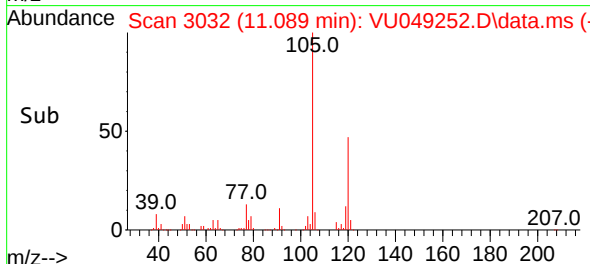
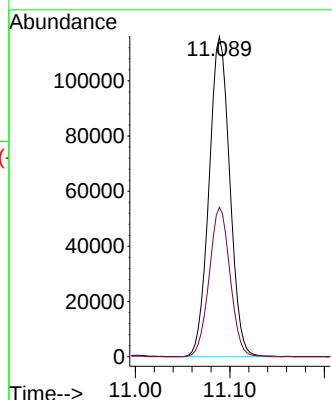
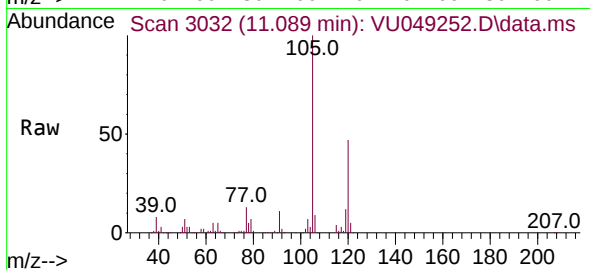
ClientSampleId :

Tgt Ion:105 Resp: 177262

Ion Ratio Lower Upper

105 100

120 46.9 37.8 56.6



#63

1,2,4-Trimethylbenzene

Concen: 4.552 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU049252.D

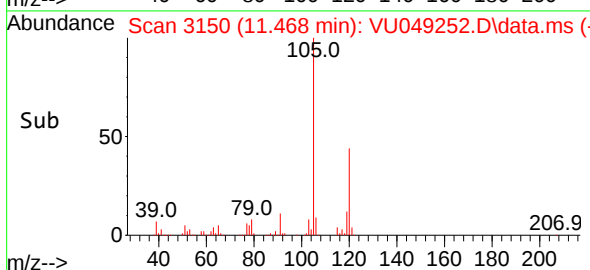
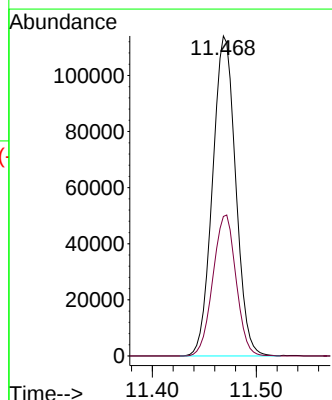
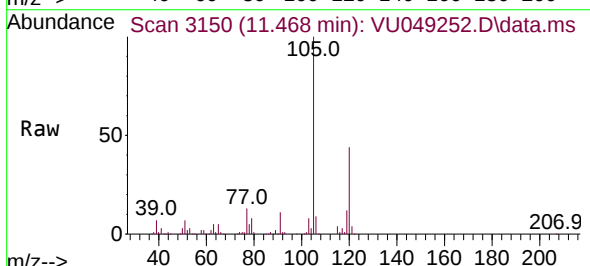
Acq: 17 Jun 2022 18:00

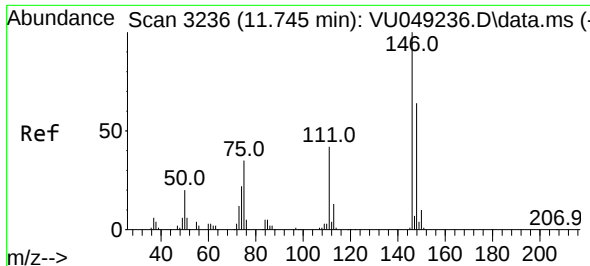
Tgt Ion:105 Resp: 176400

Ion Ratio Lower Upper

105 100

120 44.0 34.6 52.0

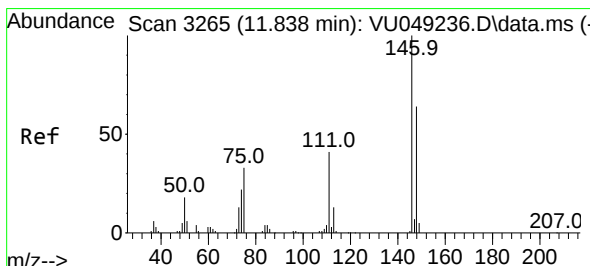
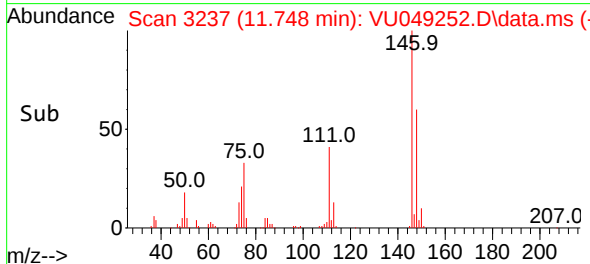
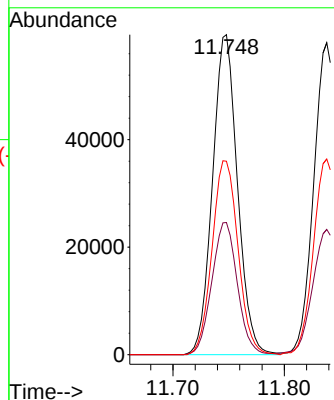
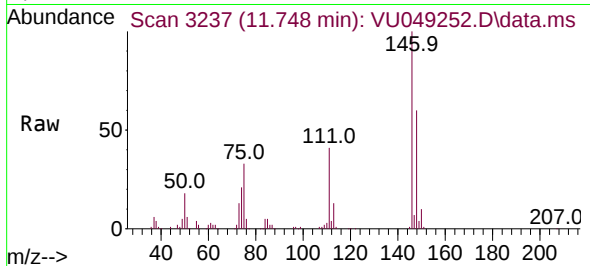




#64
1,3-Dichlorobenzene
Concen: 4.889 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU049252.D
Acq: 17 Jun 2022 18:00

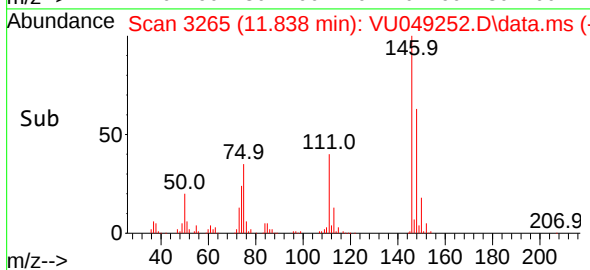
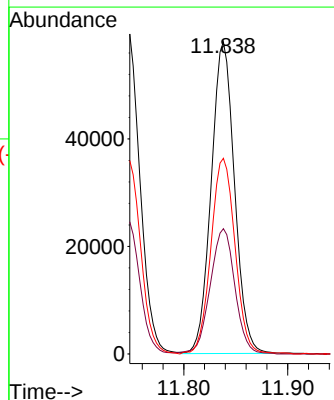
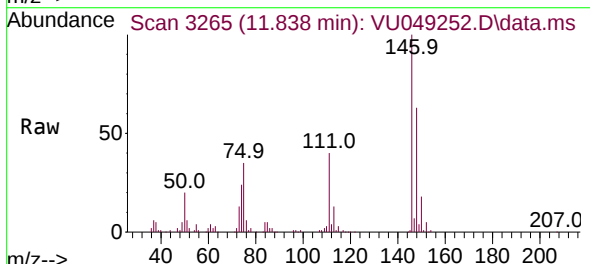
Instrument :
MSVOA_U
ClientSampleId :

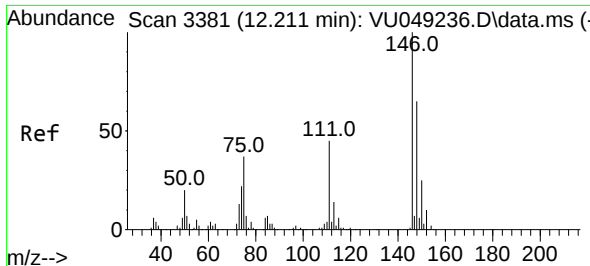
Tgt Ion:146 Resp: 92717
Ion Ratio Lower Upper
146 100
111 41.3 30.9 57.5
148 60.4 46.1 85.7



#65
1,4-Dichlorobenzene
Concen: 4.822 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU049252.D
Acq: 17 Jun 2022 18:00

Tgt Ion:146 Resp: 90382
Ion Ratio Lower Upper
146 100
111 40.1 29.8 55.4
148 62.7 44.7 83.1

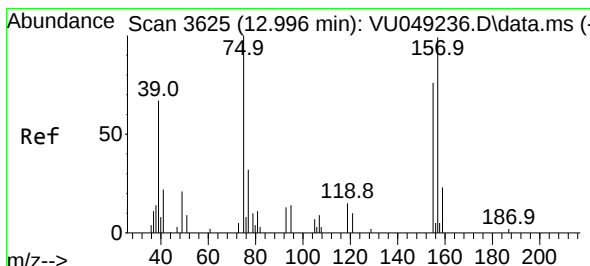
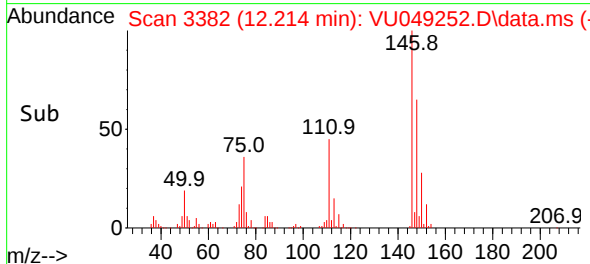
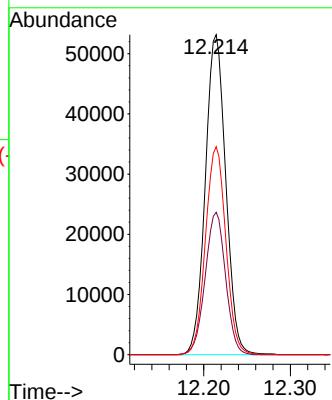
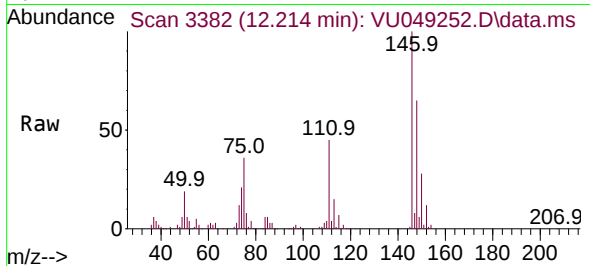




#67
1,2-Dichlorobenzene
Concen: 4.837 ug/L
RT: 12.214 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU049252.D
Acq: 17 Jun 2022 18:00

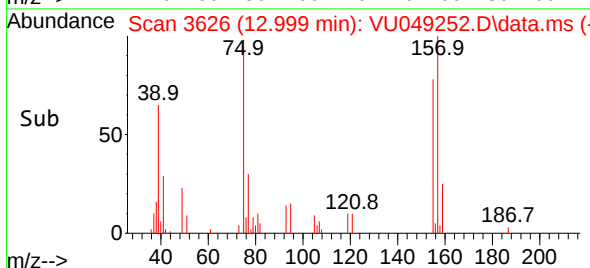
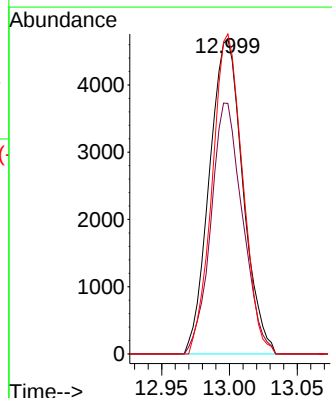
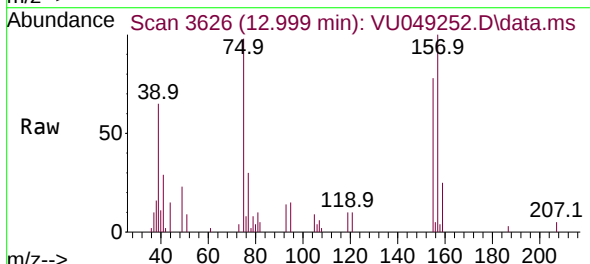
Instrument :
MSVOA_U
ClientSampleId :

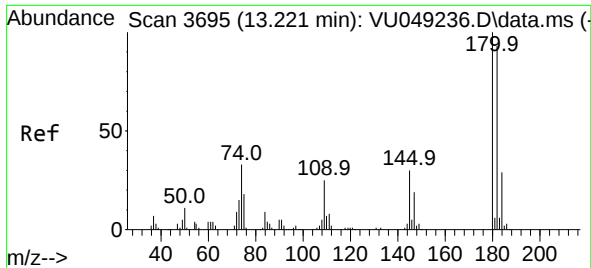
Tgt Ion:146 Resp: 87284
Ion Ratio Lower Upper
146 100
111 44.5 36.6 55.0
148 65.0 52.2 78.4



#68
1,2-Dibromo-3-chloropropane
Concen: 4.046 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. 0.003 min
Lab File: VU049252.D
Acq: 17 Jun 2022 18:00

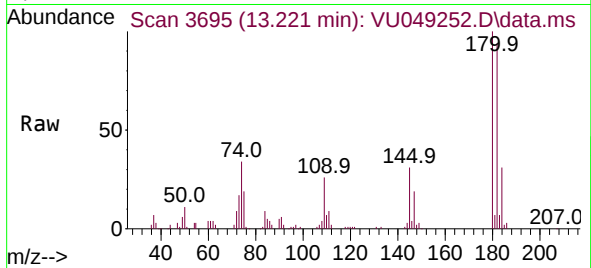
Tgt Ion: 75 Resp: 8049
Ion Ratio Lower Upper
75 100
155 79.5 52.0 78.0#
157 101.5 71.4 107.2



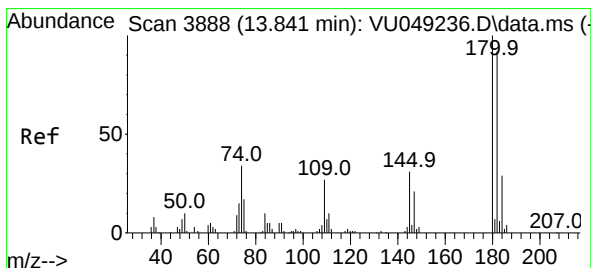
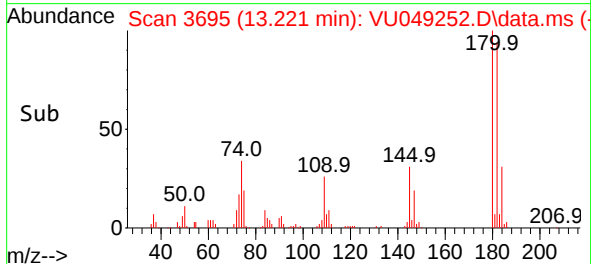
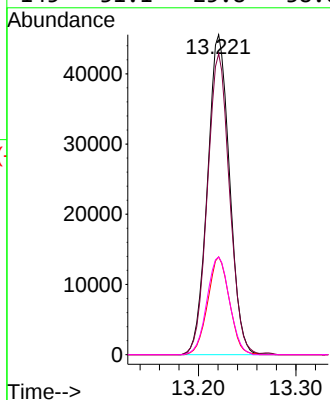


#69
 1,3,5-Trichlorobenzene
 Concen: 5.043 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU049252.D
 Acq: 17 Jun 2022 18:00

Instrument :
 MSVOA_U
 ClientSampleId :

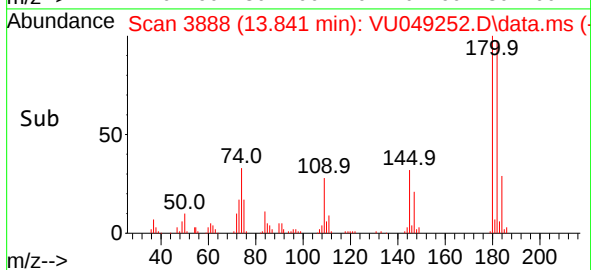
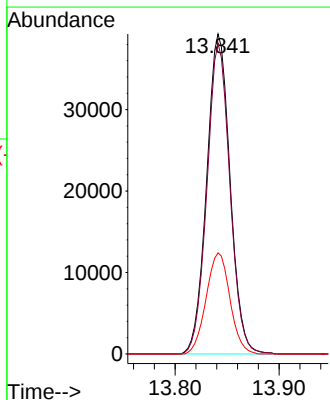
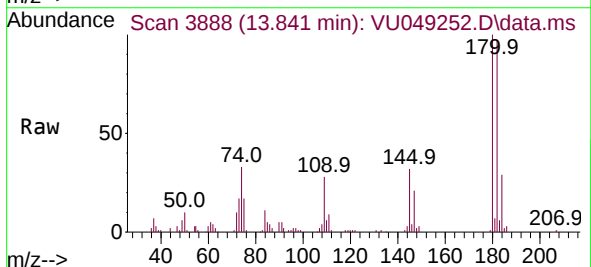


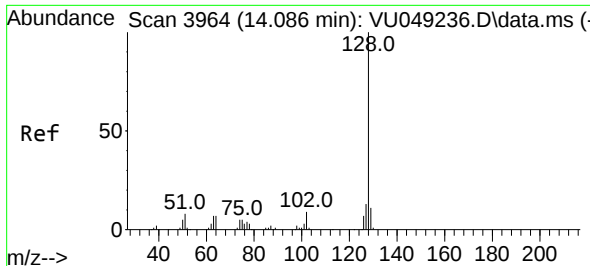
Tgt Ion:180 Resp: 71721
 Ion Ratio Lower Upper
 180 100
 182 94.2 75.0 112.4
 184 30.0 23.2 34.8
 145 31.1 25.8 38.6



#70
 1,2,4-trichlorobenzene
 Concen: 5.431 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU049252.D
 Acq: 17 Jun 2022 18:00

Tgt Ion:180 Resp: 61402
 Ion Ratio Lower Upper
 180 100
 182 95.2 74.6 112.0
 145 32.1 26.1 39.1

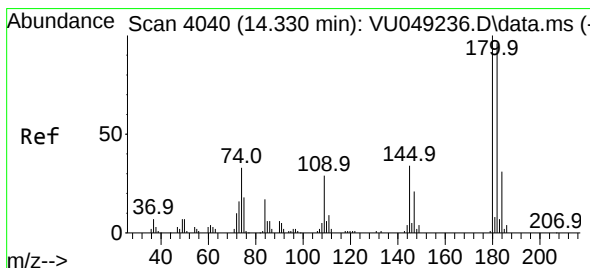
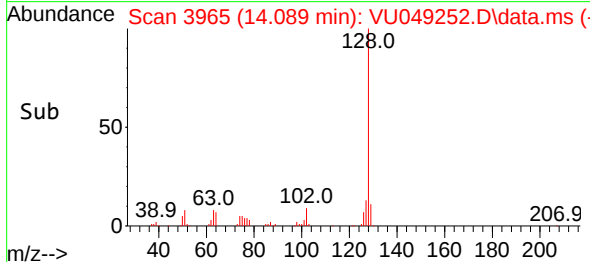
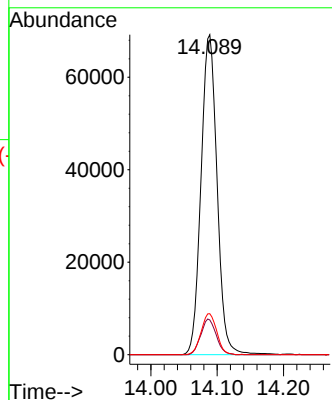
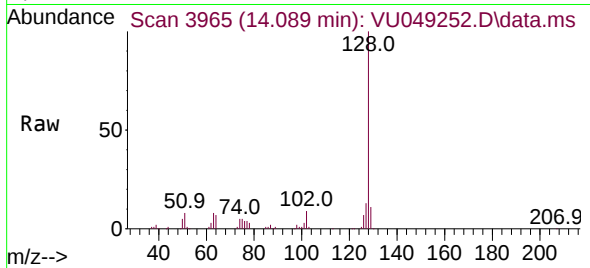




#71
Naphthalene
Concen: 5.194 ug/L
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU049252.D
Acq: 17 Jun 2022 18:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 116694
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 12.5 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.262 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU049252.D
Acq: 17 Jun 2022 18:00

Tgt Ion:180 Resp: 55937
Ion Ratio Lower Upper
180 100
182 94.5 75.6 113.4
145 33.9 27.9 41.9

