

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
 Data File : VU048720.D
 Acq On : 28 May 2022 02:48
 Operator : SY/MD
 Sample : N3033-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TW-16

Quant Time: May 30 03:00:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	232749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	392136	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	408940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	260414	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	168724	48.270	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.540%
35) Dibromofluoromethane	5.292	113	147945	52.883	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.760%
50) Toluene-d8	7.899	98	452967	45.169	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.340%#
62) 4-Bromofluorobenzene	10.635	95	233209	61.490	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	122.980%

Target Compounds				Qvalue		
5) Bromomethane	1.874	94	40	Below Cal	#	3
6) Chloroethane	1.973	64	207	Below Cal	#	43
11) Tert butyl alcohol	3.169	59	56871	64.175	ug/l #	28
13) Acrolein	2.469	56	8787	26.116	ug/l #	1
14) Allyl chloride	2.973	41	12965	2.826	ug/l #	65
15) Acrylonitrile	3.362	53	18050	9.391	ug/l #	39
16) Acetone	2.600	43	91632	51.439	ug/l #	51
18) Methyl Acetate	3.044	43	228247	51.033	ug/l #	51
19) Methyl tert-butyl Ether	3.362	73	140044	15.580	ug/l #	1
20) Methylene Chloride	2.980	84	5762	1.902	ug/l #	12
22) Diisopropyl ether	3.996	45	30382	3.590	ug/l #	81
23) Vinyl Acetate	3.989	43	21149	2.884	ug/l #	72
24) 1,1-Dichloroethane	3.980	63	2634	0.496	ug/l #	84
25) 2-Butanone	4.706	43	14959	5.845	ug/l	94
28) Bromochloromethane	5.179	49	612	0.294	ug/l #	13
30) Chloroform	5.128	83	12623	2.373	ug/l #	53
31) Cyclohexane	5.391	56	627260	142.395	ug/l	98
36) 1,1-Dichloropropene	5.375	75	18990	4.651	ug/l #	49
37) Ethyl Acetate	4.706	43	14959	2.898	ug/l #	68
38) Carbon Tetrachloride	5.375	117	23843	5.090	ug/l #	16
39) Methylcyclohexane	6.764	83	391022	91.335	ug/l	98
40) Benzene	5.774	78	1254992	104.112	ug/l	99
41) Methacrylonitrile	4.983	41	5345	2.049	ug/l #	28
42) 1,2-Dichloroethane	5.777	62	11268	2.388	ug/l #	30
43) Isopropyl Acetate	5.906	43	21519	2.872	ug/l #	67
45) 1,2-Dichloropropane	6.761	63	5447	1.795	ug/l #	1
48) Methyl methacrylate	6.983	41	46132	13.717	ug/l #	45
51) 4-Methyl-2-Pentanone	7.800	43	2938	0.604	ug/l #	79
52) Toluene	7.970	92	740653	102.722	ug/l	100
55) 1,1,2-Trichloroethane	8.369	97	42439	13.337	ug/l #	18
56) Ethyl methacrylate	8.365	69	10750	4.639	ug/l #	55
58) 2-Chloroethyl Vinyl ether	7.446	63	342	30.023	ug/l #	47
59) 2-Hexanone	8.825	43	22796	5.708	ug/l	66
68) m/p-Xylenes	9.578	106	8263836	1448.430	ug/l #	1
69) o-Xylene	10.108	106	8736745	1558.665	ug/l #	1
70) Styrene	10.108	104	435891	47.278	ug/l #	1

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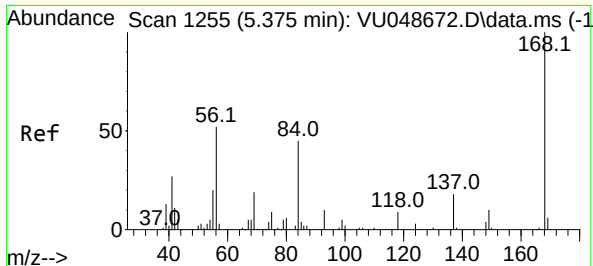
Instrument :
 MSVOA_U
 ClientSampleId :
 TW-16

Quant Time: May 30 03:00:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

73) Isopropylbenzene	10.484	105	1415788	84.212	ug/l	99
74) N-amyl acetate	10.330	43	1792	2.667	ug/l #	62
76) 1,2,3-Trichloropropane	10.906	75	34085	4.059	ug/l #	1
78) n-propylbenzene	10.909	91	5529340	276.009	ug/l	99
79) 2-Chlorotoluene	11.002	91	670612	53.829	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.092	105	7079349	484.210	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.484	75	16278	7.039	ug/l #	64
82) 4-Chlorotoluene	11.092	91	744719	51.810	ug/l #	46
83) tert-Butylbenzene	11.481	119	4227748	301.290	ug/l #	53
84) 1,2,4-Trimethylbenzene	11.295	105	11326363	702.949	ug/l	77
85) sec-Butylbenzene	11.899	105	8529620	485.887	ug/l #	58
86) p-Isopropyltoluene	11.796	119	139525	9.255	ug/l	98
89) n-Butylbenzene	12.195	91	784592	51.908	ug/l #	17
90) Hexachloroethane	12.468	117	241798	78.591	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	12.976	75	19228	9.734	ug/l #	4
95) Naphthalene	14.085	128	15854736	736.828	ug/l	97

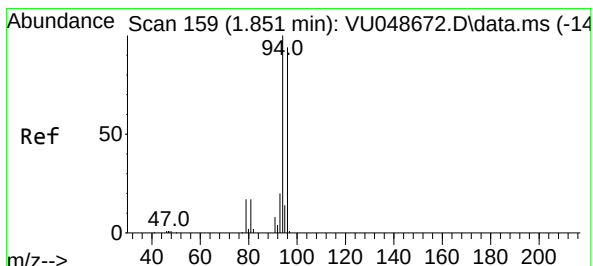
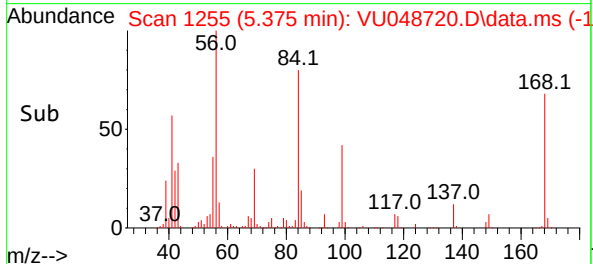
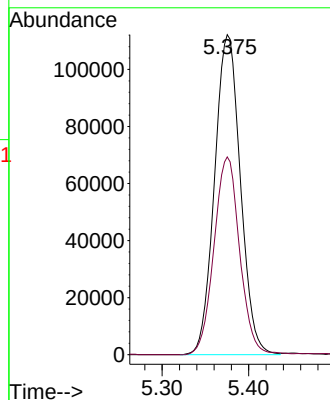
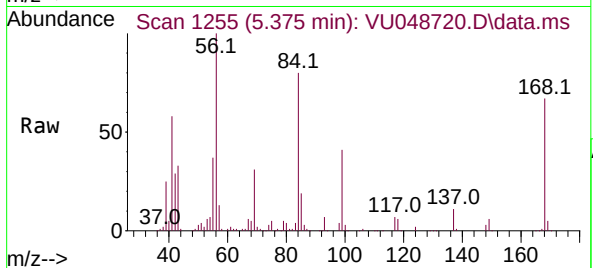
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048720.D
Acq: 28 May 2022 02:48

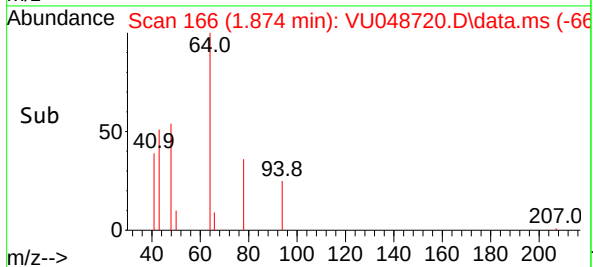
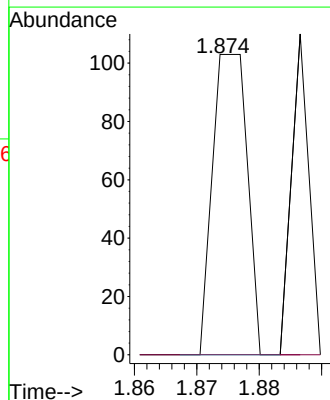
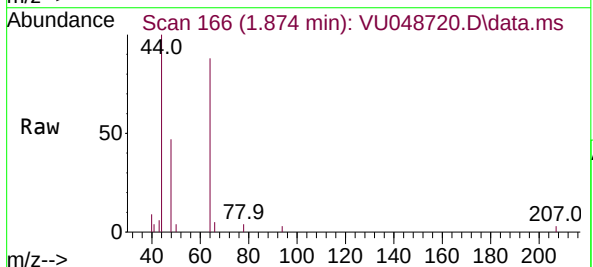
Instrument :
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ClientSampleId :
TW-16

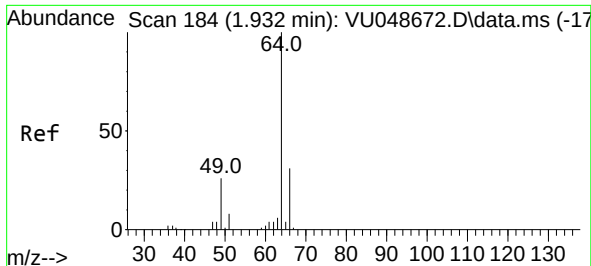
Tgt Ion:168 Resp: 232749
Ion Ratio Lower Upper
168 100
99 61.8 49.3 73.9



#5
Bromomethane
Concen: Below Cal
RT: 1.874 min Scan# 166
Delta R.T. 0.023 min
Lab File: VU048720.D
Acq: 28 May 2022 02:48

Tgt Ion: 94 Resp: 40
Ion Ratio Lower Upper
94 100
96 0.0 75.1 112.7#

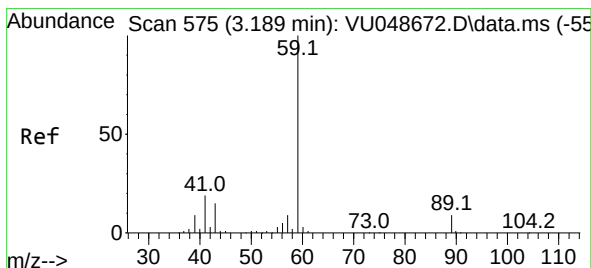
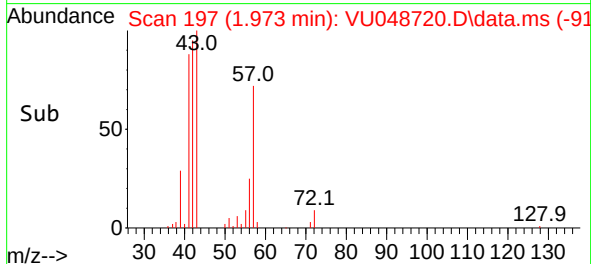
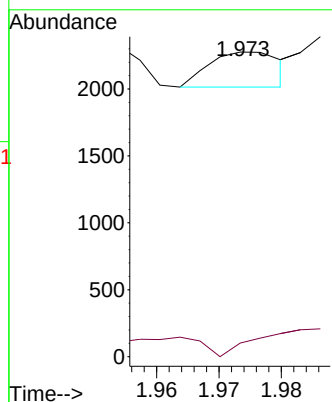
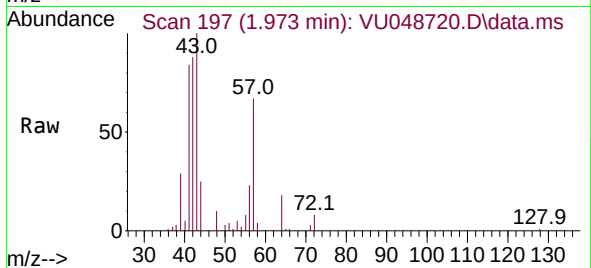




#6
Chloroethane
Concen: Below Cal
RT: 1.973 min Scan# 197
Delta R.T. 0.041 min
Lab File: VU048720.D
Acq: 28 May 2022 02:48

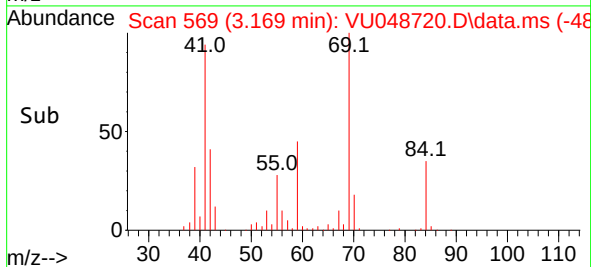
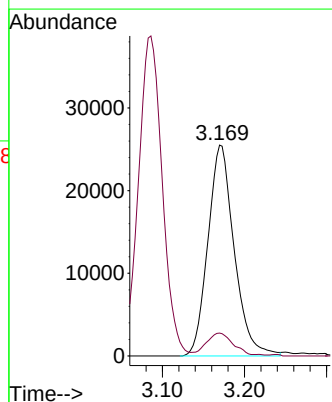
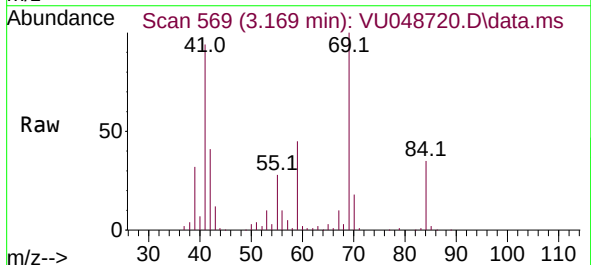
Instrument :
MSVOA_U
ClientSampleId :
TW-16

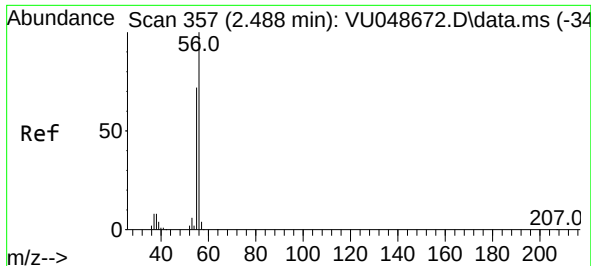
Tgt Ion: 64 Resp: 207
Ion Ratio Lower Upper
64 100
66 0.0 25.2 37.8#



#11
Tert butyl alcohol
Concen: 64.175 ug/l
RT: 3.169 min Scan# 569
Delta R.T. -0.019 min
Lab File: VU048720.D
Acq: 28 May 2022 02:48

Tgt Ion: 59 Resp: 56871
Ion Ratio Lower Upper
59 100
57 0.0 39.7 59.5#

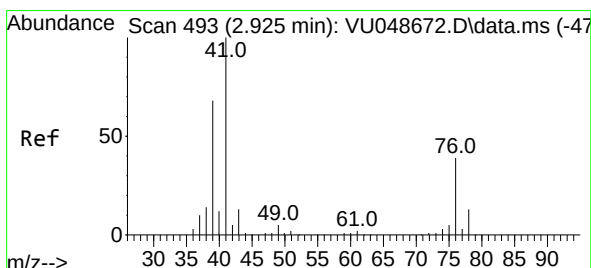
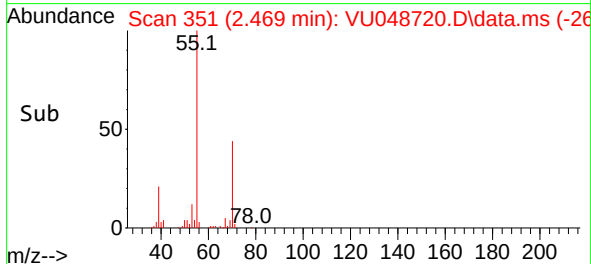
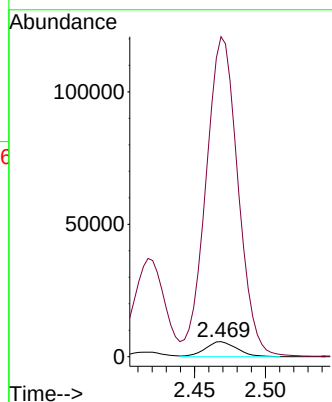
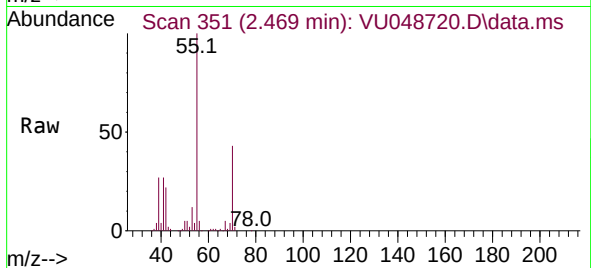




#13
Acrolein
Concen: 26.116 ug/l
RT: 2.469 min Scan# 311
Delta R.T. -0.019 min
Lab File: VU048720.D
Acq: 28 May 2022 02:48

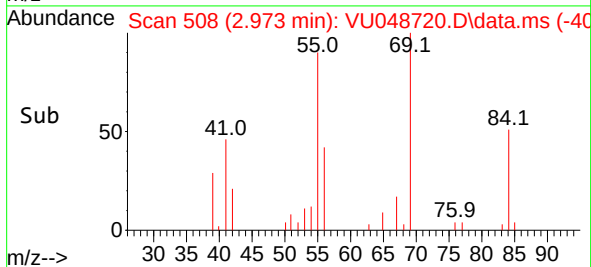
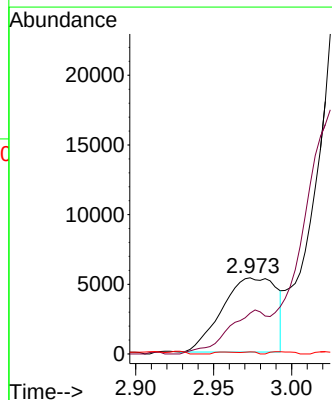
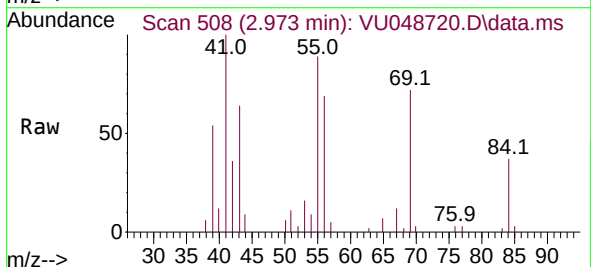
Instrument :
MSVOA_U
ClientSampleId :
TW-16

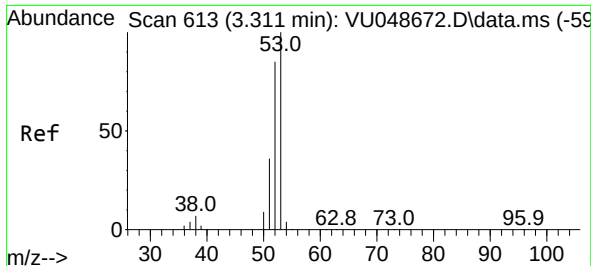
Tgt Ion: 56 Resp: 8787
Ion Ratio Lower Upper
56 100
55 2163.8 57.7 86.5#



#14
Allyl chloride
Concen: 2.826 ug/l
RT: 2.973 min Scan# 508
Delta R.T. 0.048 min
Lab File: VU048720.D
Acq: 28 May 2022 02:48

Tgt Ion: 41 Resp: 12965
Ion Ratio Lower Upper
41 100
39 43.6 48.6 72.8#
76 0.6 27.0 40.4#





#15

Acrylonitrile

Concen: 9.391 ug/l

RT: 3.362 min Scan# 61

Delta R.T. 0.051 min

Lab File: VU048720.D

Acq: 28 May 2022 02:48

Instrument :

MSVOA_U

ClientSampleId :

TW-16

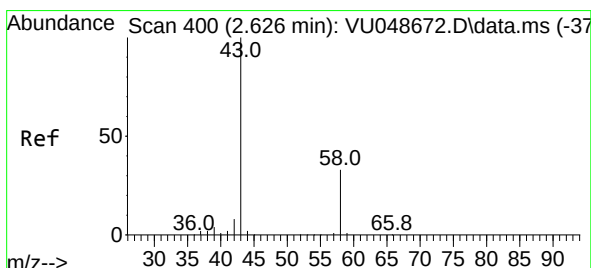
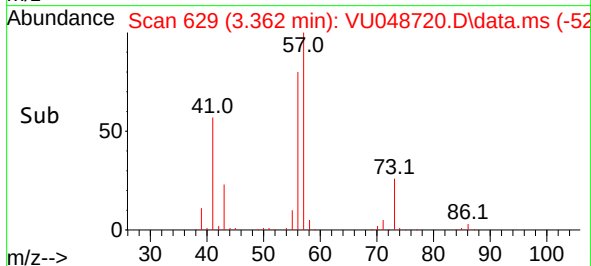
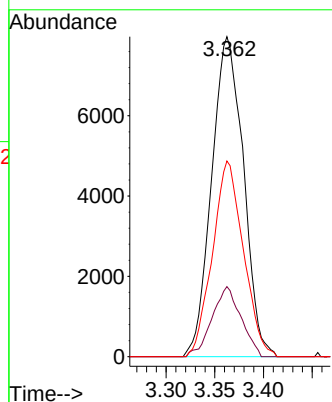
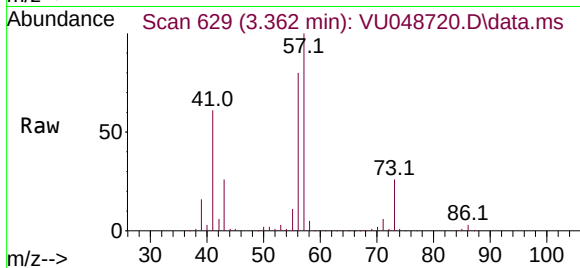
Tgt Ion: 53 Resp: 18050

Ion Ratio Lower Upper

53 100

52 20.0 66.3 99.5#

51 59.5 28.6 42.8#



#16

Acetone

Concen: 51.439 ug/l

RT: 2.600 min Scan# 392

Delta R.T. -0.026 min

Lab File: VU048720.D

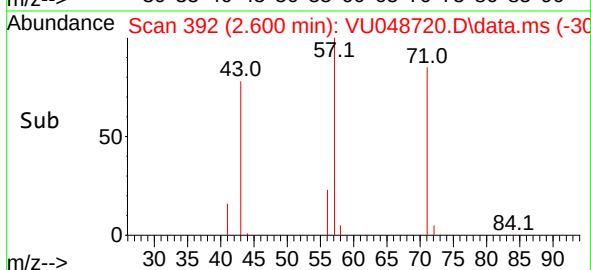
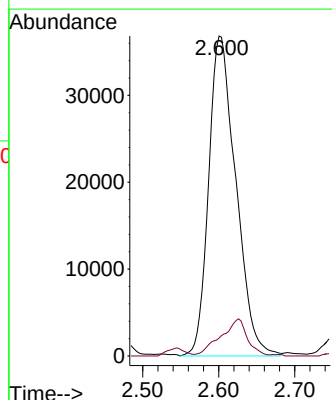
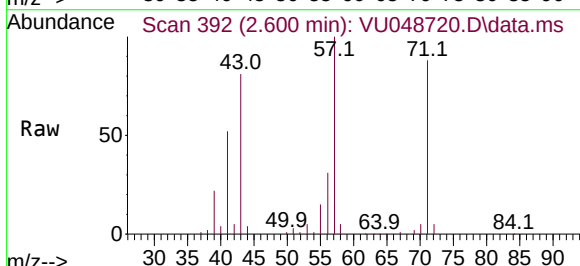
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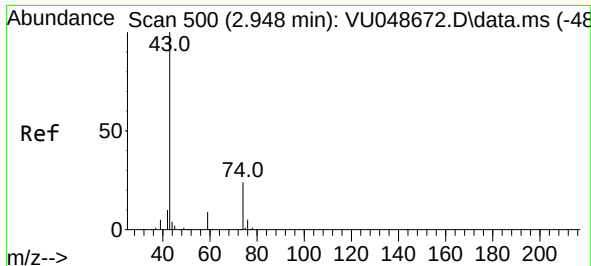
Tgt Ion: 43 Resp: 91632

Ion Ratio Lower Upper

43 100

58 5.1 26.3 39.5#

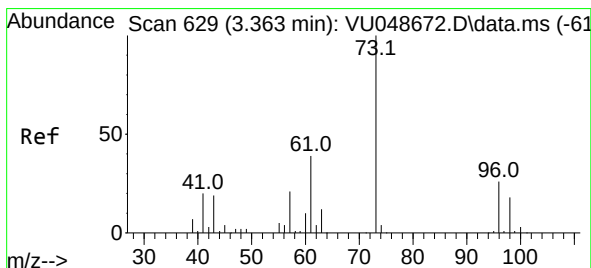
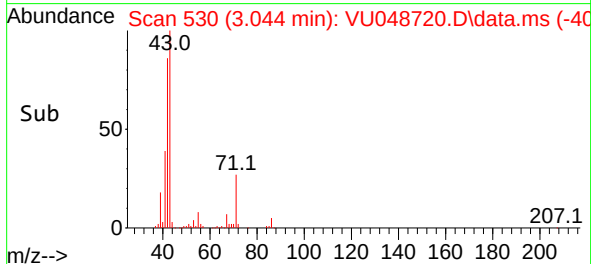
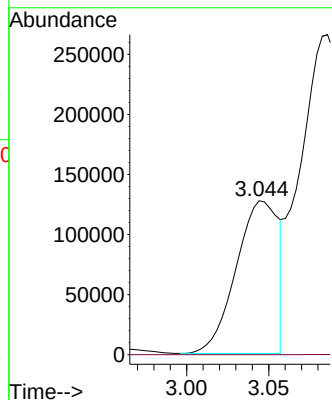
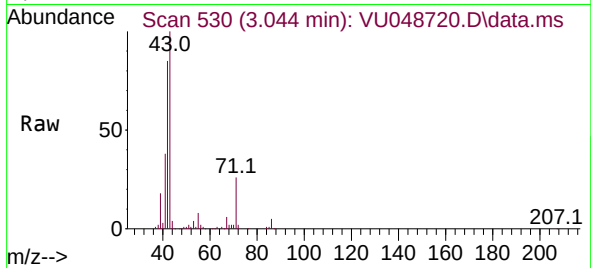




#18
Methyl Acetate
Concen: 51.033 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.096 min
Lab File: VU048720.D
Acq: 28 May 2022 02:48

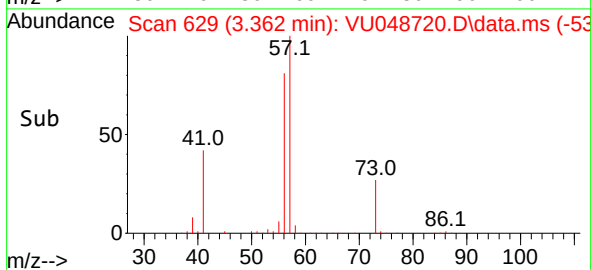
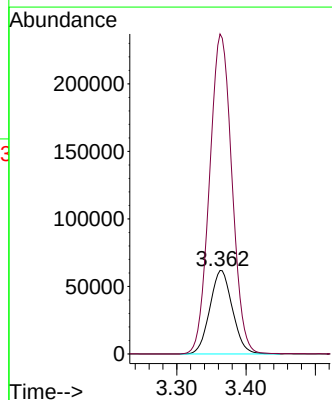
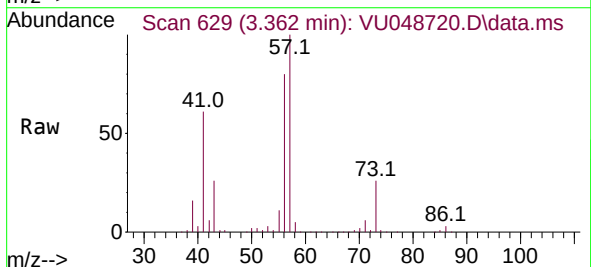
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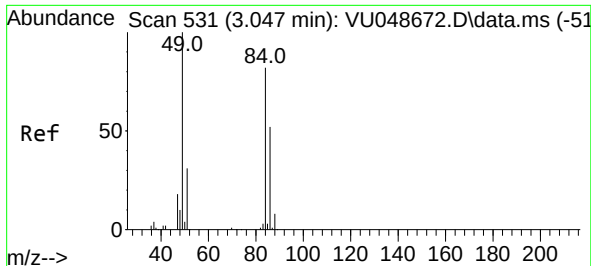
Tgt Ion: 43 Resp: 228247
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



#19
Methyl tert-butyl Ether
Concen: 15.580 ug/l
RT: 3.362 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU048720.D
Acq: 28 May 2022 02:48

Tgt Ion: 73 Resp: 140044
Ion Ratio Lower Upper
73 100
57 383.2 17.1 25.7#

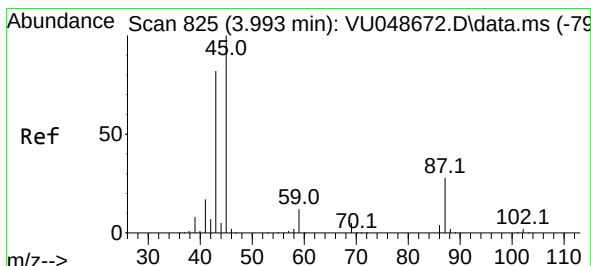
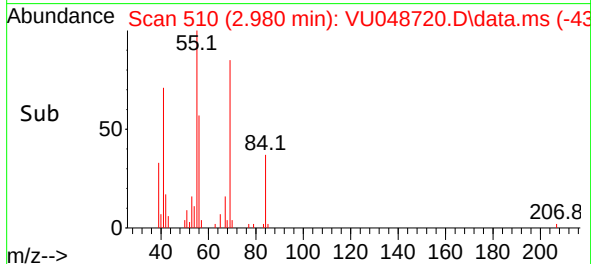
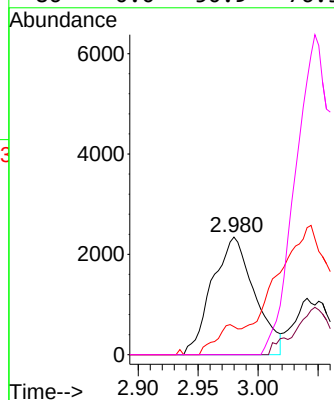
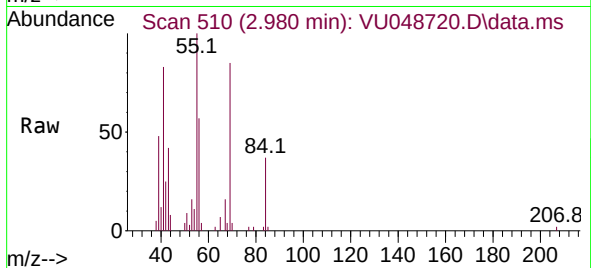




#20
Methylene Chloride
Concen: 1.902 ug/l
RT: 2.980 min Scan# 511
Delta R.T. -0.068 min
Lab File: VU048720.D
Acq: 28 May 2022 02:48

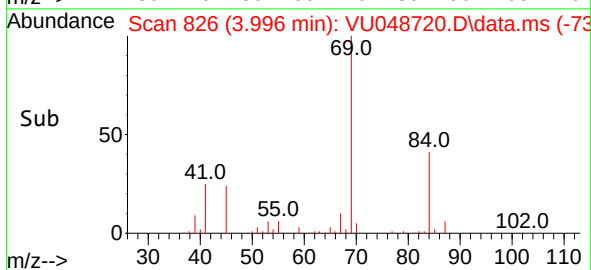
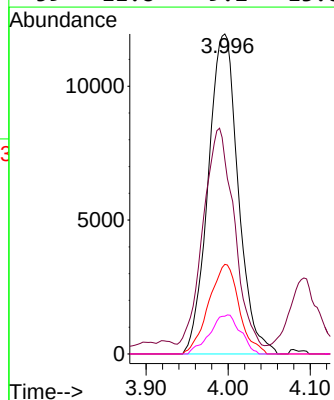
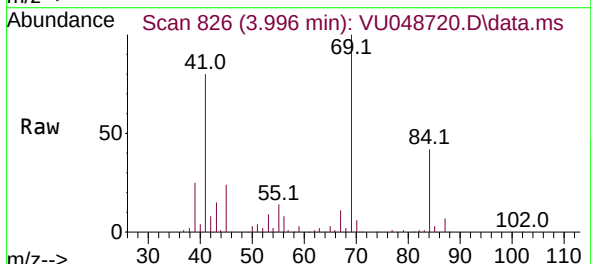
Instrument :
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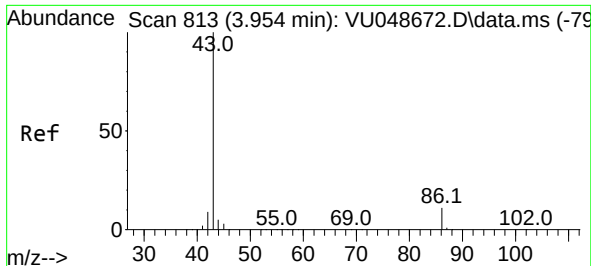
Tgt Ion: 84	Resp: 5762
Ion Ratio	Lower Upper
84 100	
49 0.0	97.0 145.4#
51 19.4	29.8 44.8#
86 0.0	50.9 76.3#



#22
Diisopropyl ether
Concen: 3.590 ug/l
RT: 3.996 min Scan# 826
Delta R.T. 0.003 min
Lab File: VU048720.D
Acq: 28 May 2022 02:48

Tgt	Ion: 45	Resp:	30382
Ion	Ratio	Lower	Upper
45	100		
43	57.0	65.2	97.8#
87	28.0	22.7	34.1
59	11.8	9.2	13.8

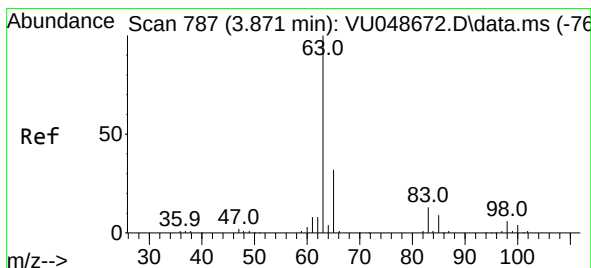
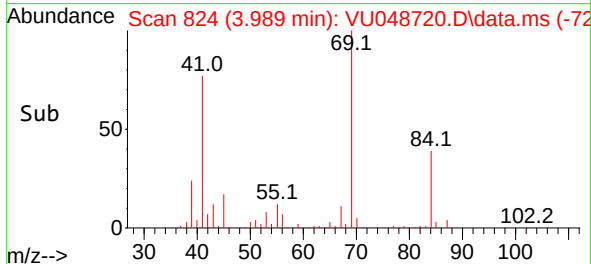
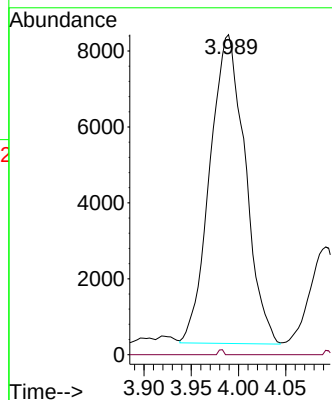
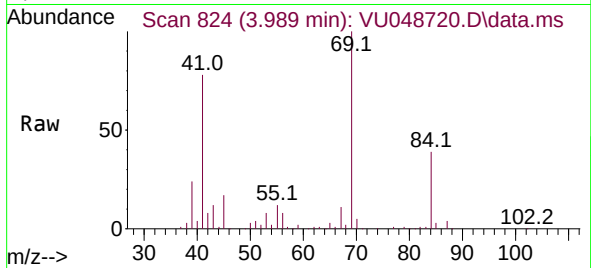




#23
 Vinyl Acetate
 Concen: 2.884 ug/l
 RT: 3.989 min Scan# 813
 Delta R.T. 0.035 min
 Lab File: VU048720.D
 Acq: 28 May 2022 02:48

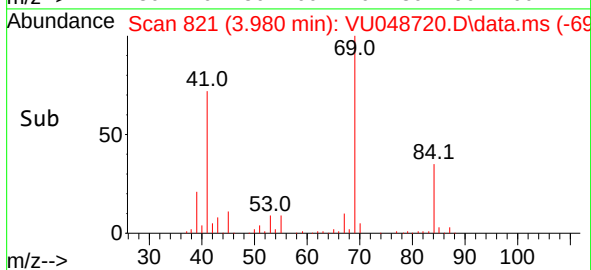
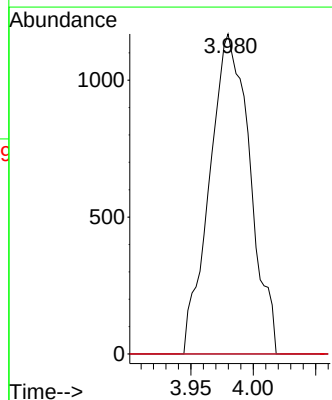
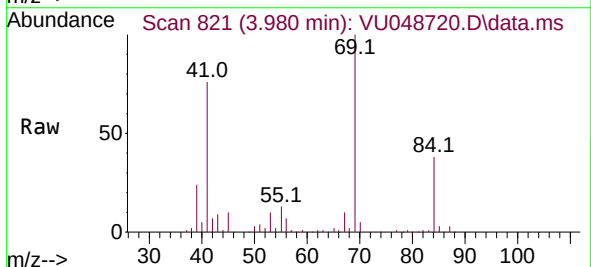
Instrument :
 MSVOA_U
 ClientSampleId :
 TW-16

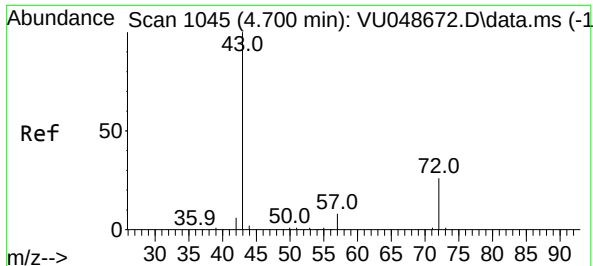
Tgt Ion: 43 Resp: 21149
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.4 12.6#



#24
 1,1-Dichloroethane
 Concen: 0.496 ug/l
 RT: 3.980 min Scan# 821
 Delta R.T. 0.109 min
 Lab File: VU048720.D
 Acq: 28 May 2022 02:48

Tgt Ion: 63 Resp: 2634
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.1 9.3#
 100 0.0 2.0 5.8#

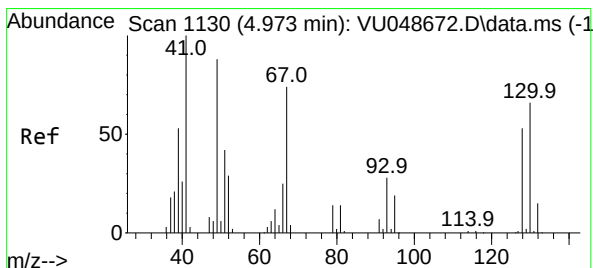
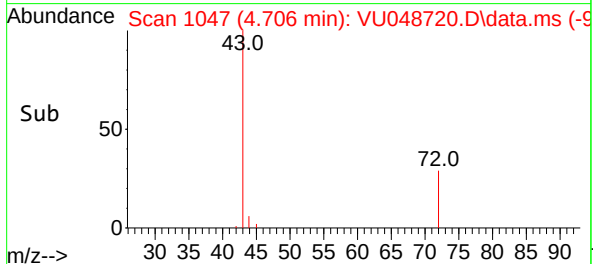
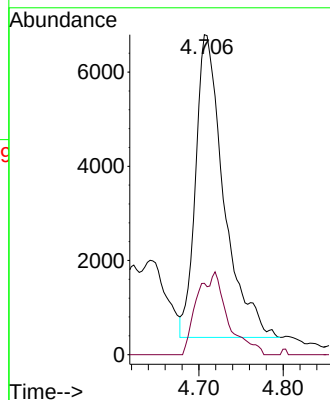
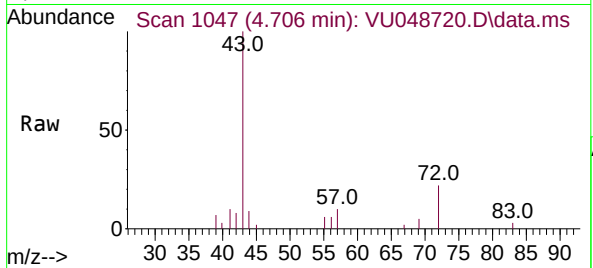




#25
2-Butanone
Concen: 5.845 ug/l
RT: 4.706 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VU048720.D
Acq: 28 May 2022 02:48

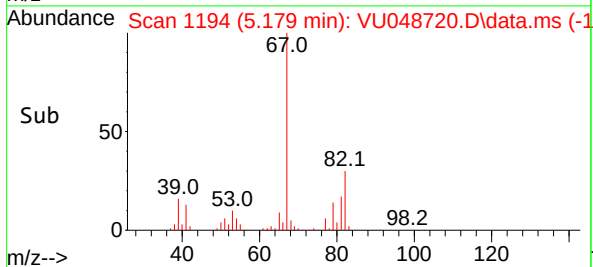
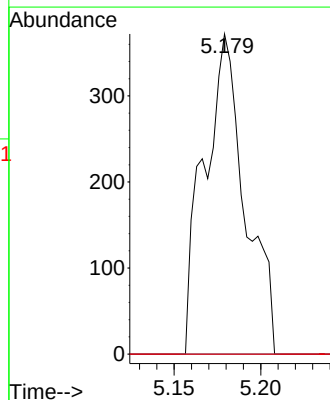
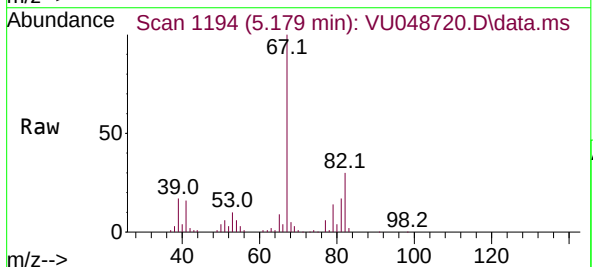
Instrument :
MSVOA_U
ClientSampleId :
TW-16

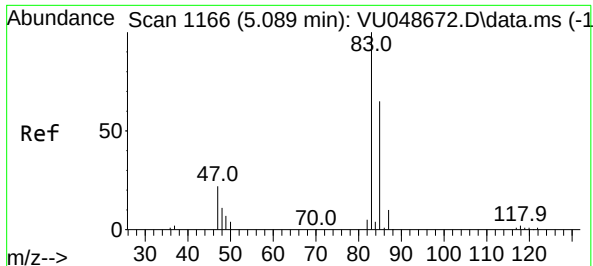
Tgt Ion: 43 Resp: 14959
Ion Ratio Lower Upper
43 100
72 23.6 21.1 31.7



#28
Bromochloromethane
Concen: 0.294 ug/l
RT: 5.179 min Scan# 1194
Delta R.T. 0.206 min
Lab File: VU048720.D
Acq: 28 May 2022 02:48

Tgt Ion: 49 Resp: 612
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 62.1 93.1#





#30

Chloroform

Concen: 2.373 ug/l

RT: 5.128 min Scan# 1166

Delta R.T. 0.038 min

Lab File: VU048720.D

Acq: 28 May 2022 02:48

Instrument :

MSVOA_U

ClientSampleId :

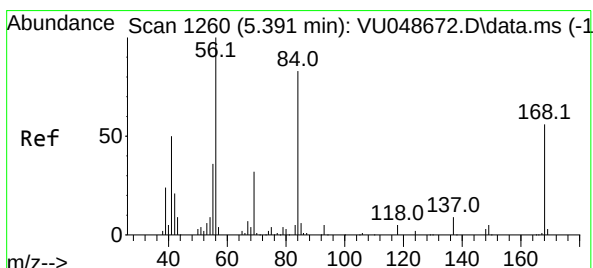
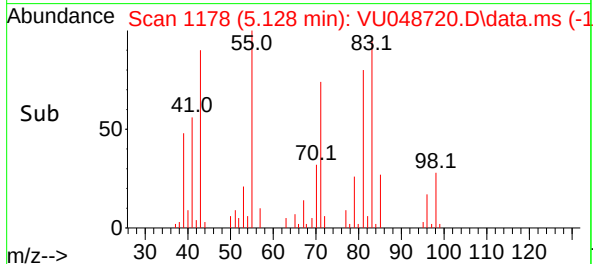
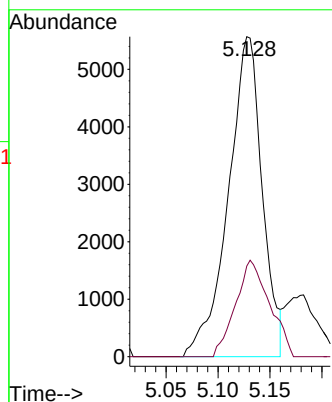
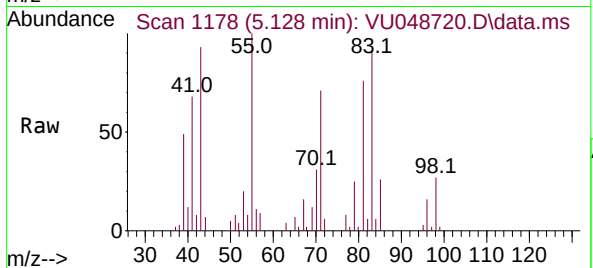
TW-16

Tgt Ion: 83 Resp: 12623

Ion Ratio Lower Upper

83 100

85 28.3 52.2 78.2#



#31

Cyclohexane

Concen: 142.395 ug/l

RT: 5.391 min Scan# 1260

Delta R.T. -0.000 min

Lab File: VU048720.D

Acq: 28 May 2022 02:48

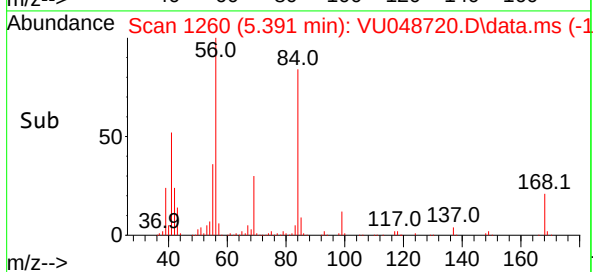
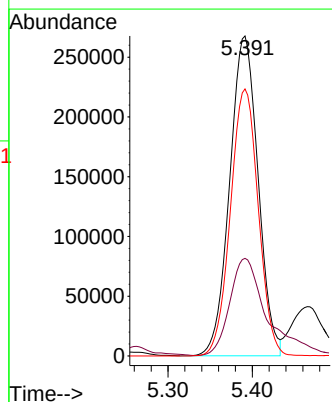
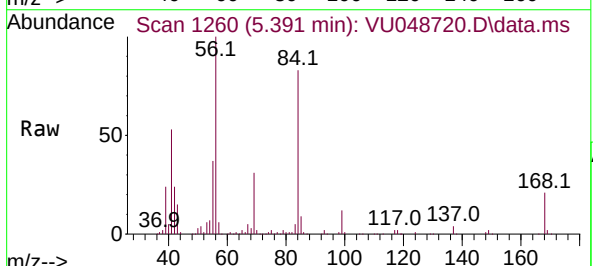
Tgt Ion: 56 Resp: 627260

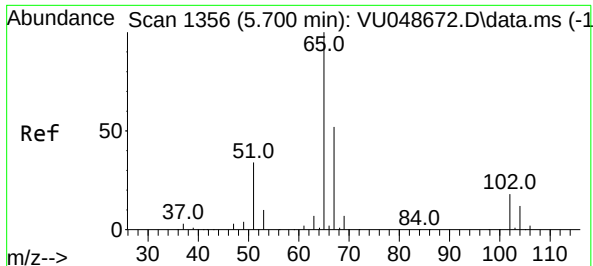
Ion Ratio Lower Upper

56 100

69 30.0 25.6 38.4

84 83.5 66.2 99.4





#33

1,2-Dichloroethane-d4

Concen: 48.270 ug/l

RT: 5.703 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU048720.D

Acq: 28 May 2022 02:48

Instrument :

MSVOA_U

ClientSampleId :

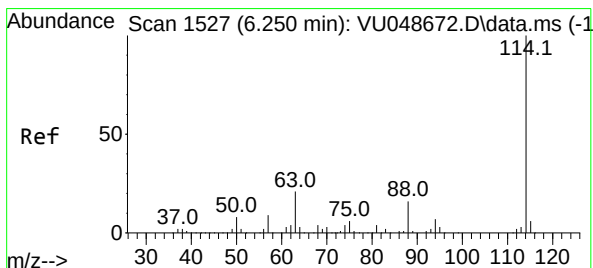
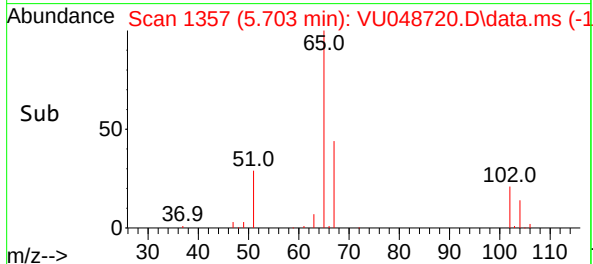
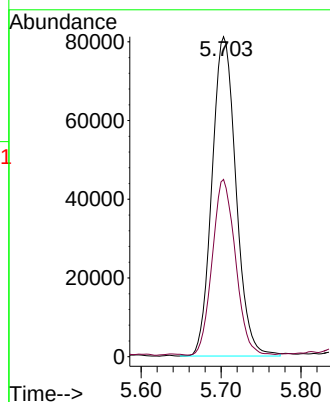
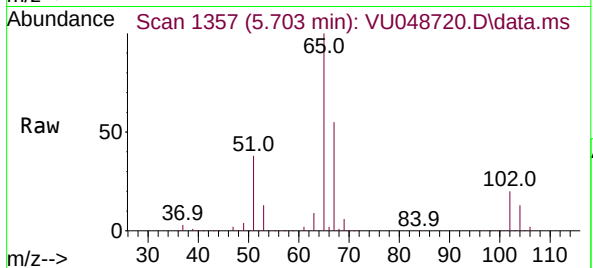
TW-16

Tgt Ion: 65 Resp: 168724

Ion Ratio Lower Upper

65 100

67 53.3 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.000 min

Lab File: VU048720.D

Acq: 28 May 2022 02:48

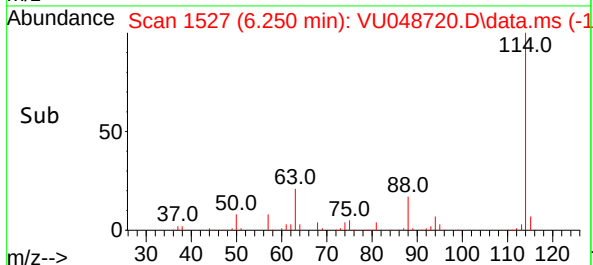
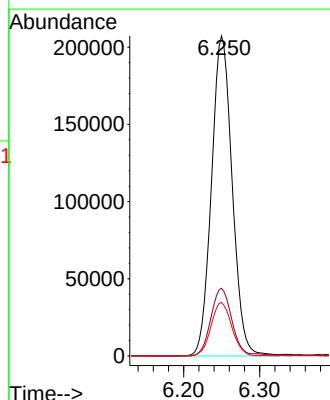
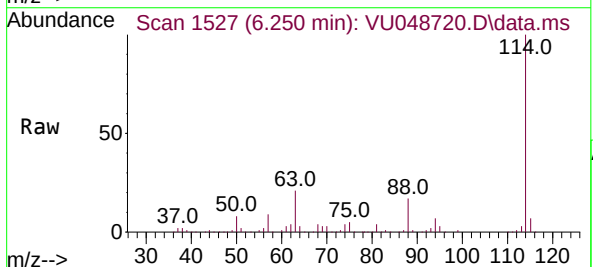
Tgt Ion: 114 Resp: 392136

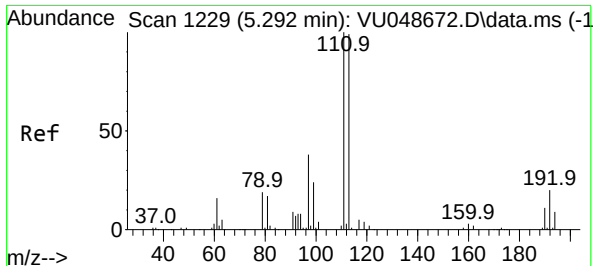
Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.6

88 16.7 0.0 32.2





#35

Dibromofluoromethane

Concen: 52.883 ug/l

RT: 5.292 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU048720.D

Acq: 28 May 2022 02:48

Instrument :

MSVOA_U

ClientSampleId :

TW-16

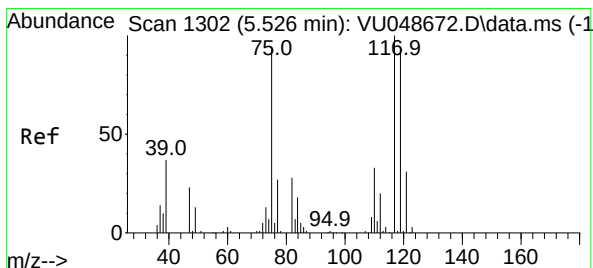
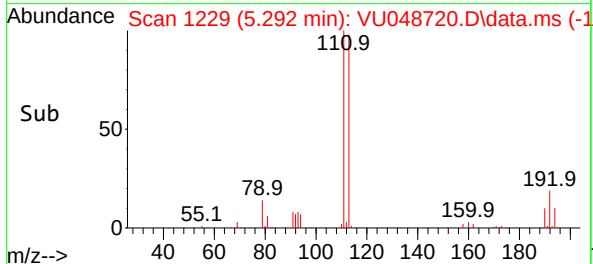
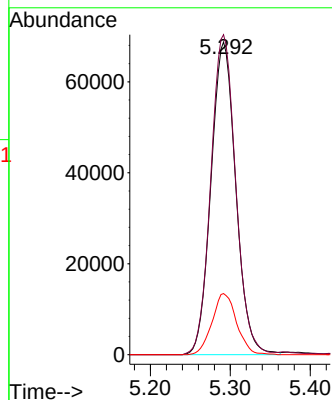
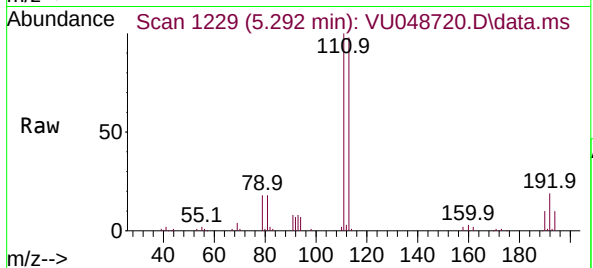
Tgt Ion:113 Resp: 147945

Ion Ratio Lower Upper

113 100

111 102.7 80.7 121.1

192 19.4 15.9 23.9



#36

1,1-Dichloropropene

Concen: 4.651 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.151 min

Lab File: VU048720.D

Acq: 28 May 2022 02:48

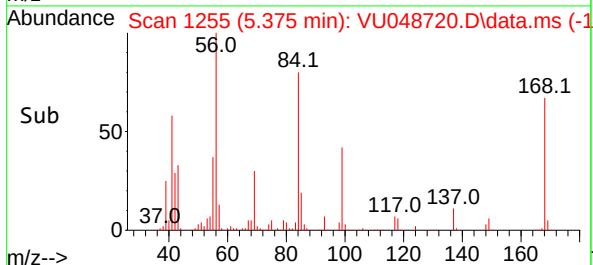
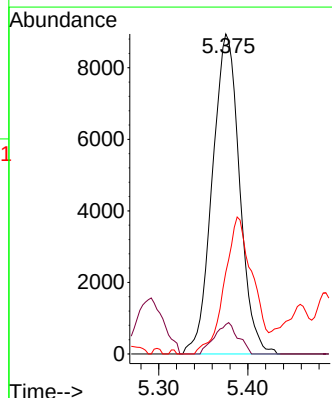
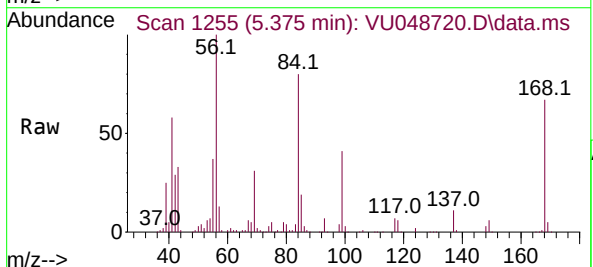
Tgt Ion: 75 Resp: 18990

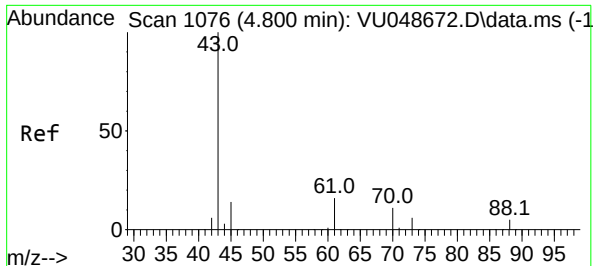
Ion Ratio Lower Upper

75 100

110 8.4 17.4 52.3#

77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 2.898 ug/l

RT: 4.706 min Scan# 1

Delta R.T. -0.093 min

Lab File: VU048720.D

Acq: 28 May 2022 02:48

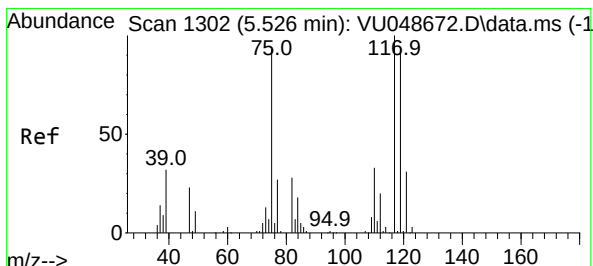
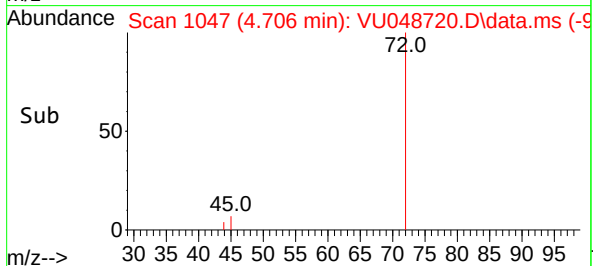
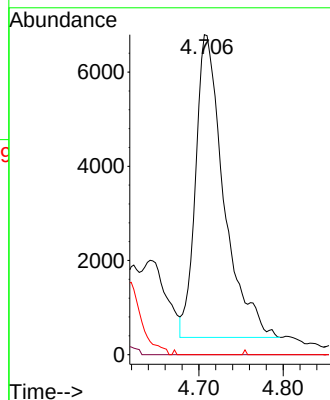
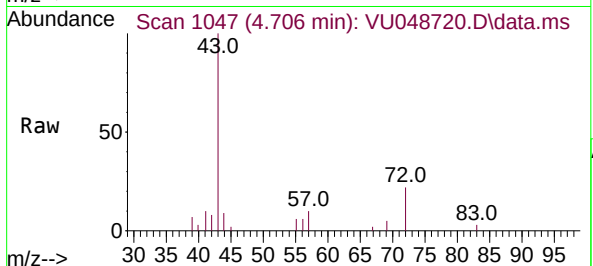
Instrument :

MSVOA_U

ClientSampleId :

TW-16

Tgt Ion:	43	Resp:	14959
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.7	17.5#
70	0.0	8.4	12.6#



#38

Carbon Tetrachloride

Concen: 5.090 ug/l

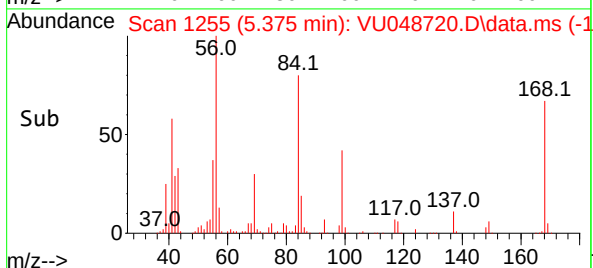
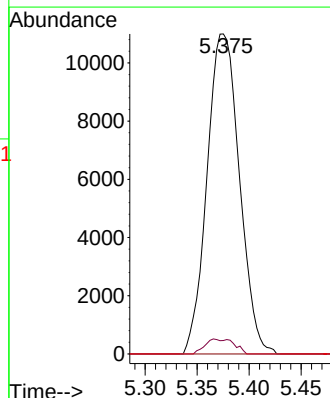
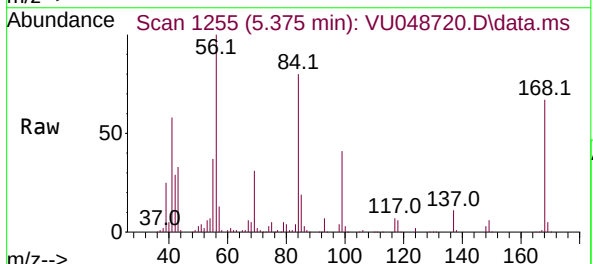
RT: 5.375 min Scan# 1255

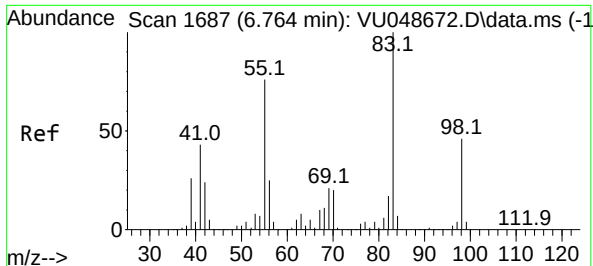
Delta R.T. -0.151 min

Lab File: VU048720.D

Acq: 28 May 2022 02:48

Tgt Ion:	117	Resp:	23843
Ion	Ratio	Lower	Upper
117	100		
119	4.2	75.4	113.2#
121	0.0	24.6	36.8#





#39

Methylcyclohexane

Concen: 91.335 ug/l

RT: 6.764 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048720.D

Acq: 28 May 2022 02:48

Instrument :

MSVOA_U

ClientSampleId :

TW-16

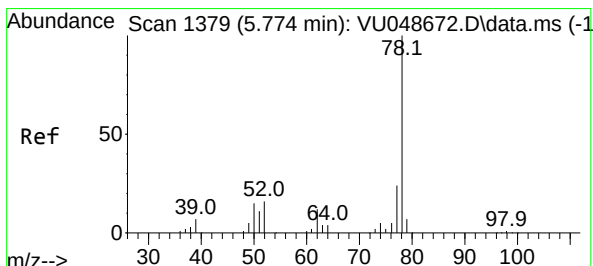
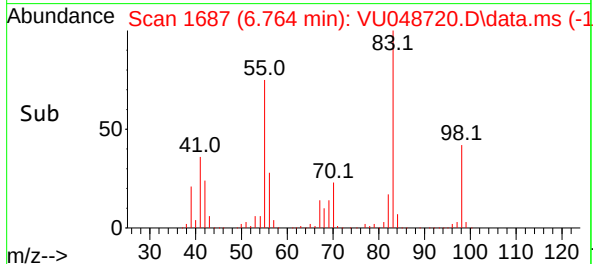
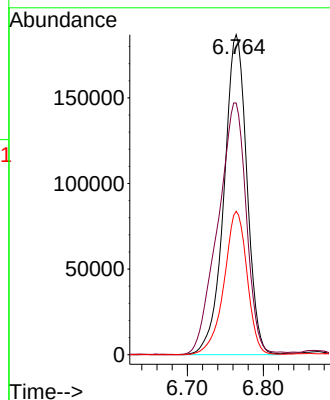
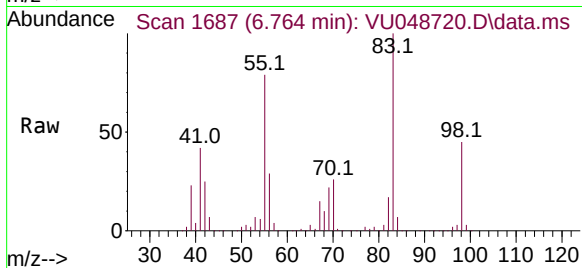
Tgt Ion: 83 Resp: 391022

Ion Ratio Lower Upper

83 100

55 78.5 61.0 91.6

98 44.8 36.8 55.2



#40

Benzene

Concen: 104.112 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VU048720.D

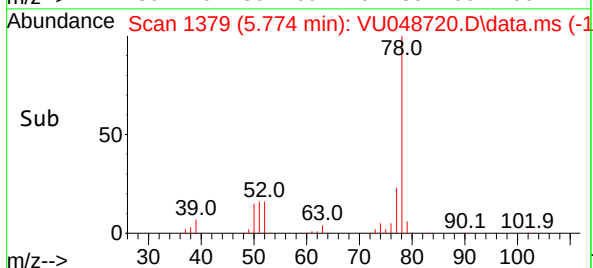
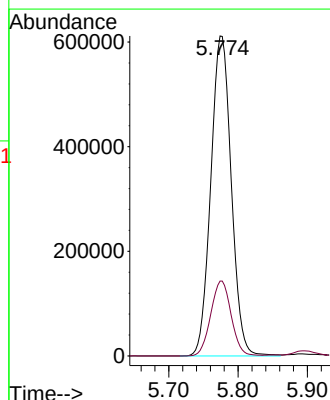
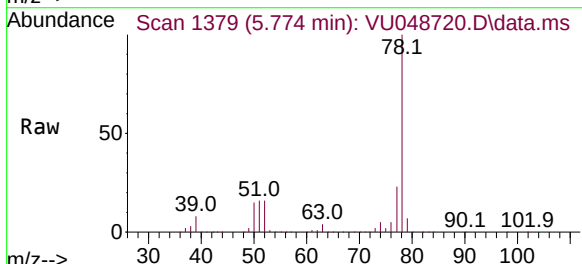
Acq: 28 May 2022 02:48

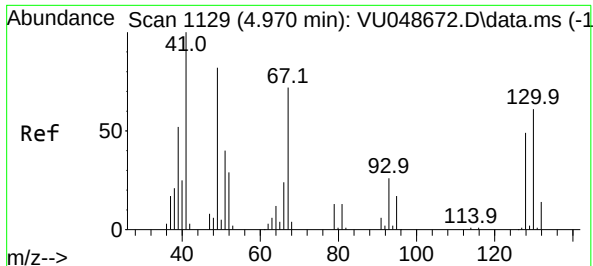
Tgt Ion: 78 Resp: 1254992

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.6

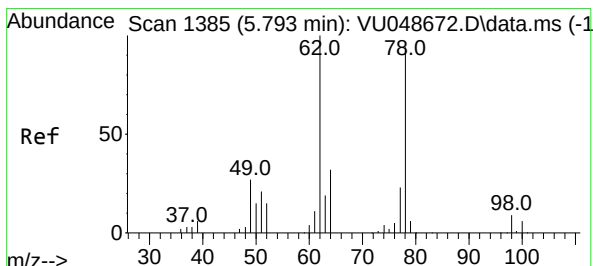
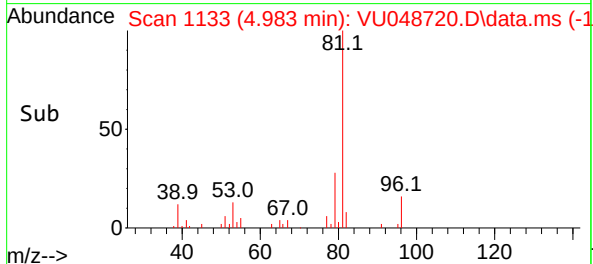
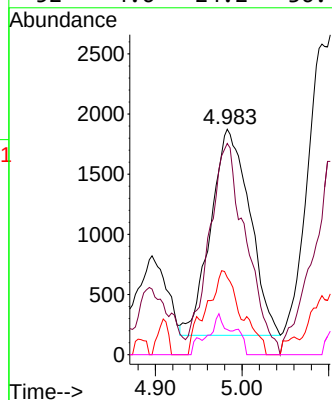
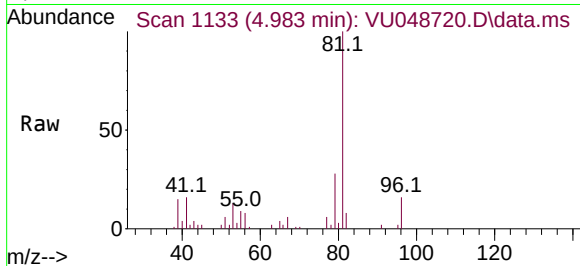




#41
Methacrylonitrile
Concen: 2.049 ug/l
RT: 4.983 min Scan# 1129
Delta R.T. 0.013 min
Lab File: VU048720.D
Acq: 28 May 2022 02:48

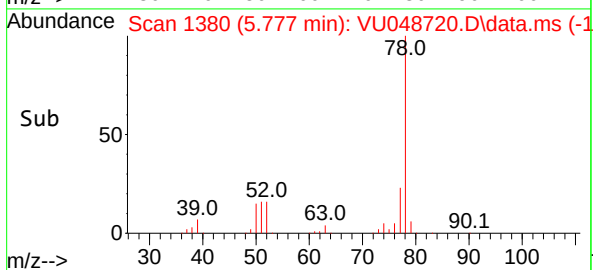
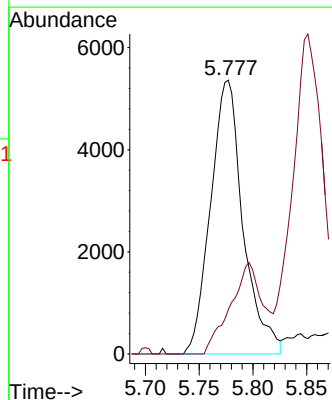
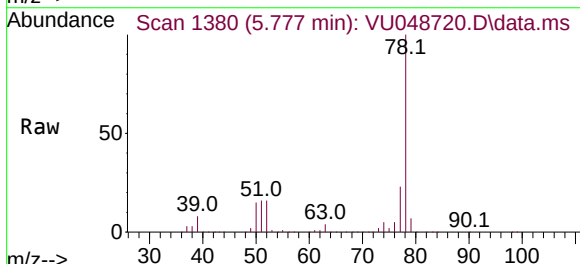
Instrument :
MSVOA_U
ClientSampleId :
TW-16

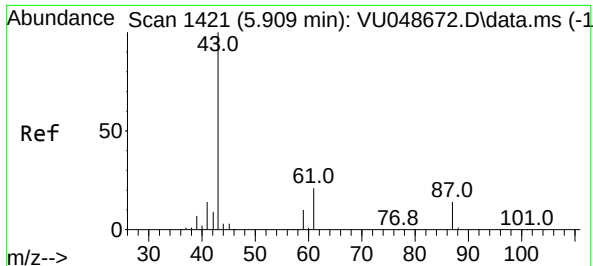
Tgt Ion:	41	Resp:	5345
Ion	Ratio	Lower	Upper
41	100		
39	97.8	42.6	64.0#
67	0.0	61.0	91.4#
52	4.6	24.2	36.4#



#42
1,2-Dichloroethane
Concen: 2.388 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. -0.016 min
Lab File: VU048720.D
Acq: 28 May 2022 02:48

Tgt Ion:	62	Resp:	11268
Ion	Ratio	Lower	Upper
62	100		
98	33.4	0.0	17.0#

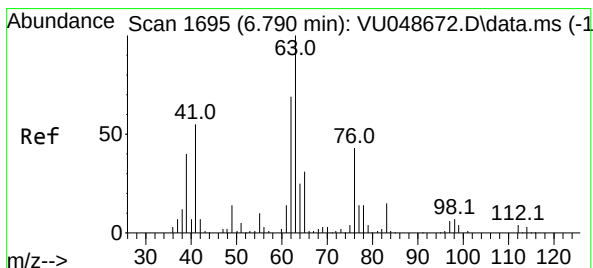
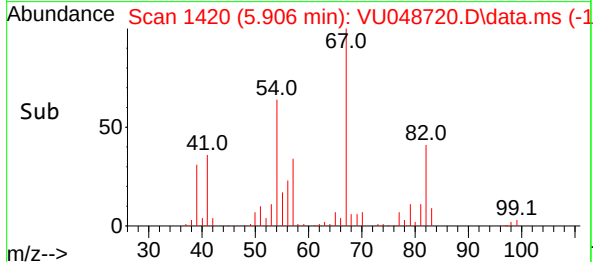
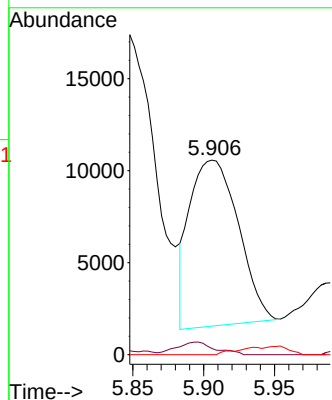
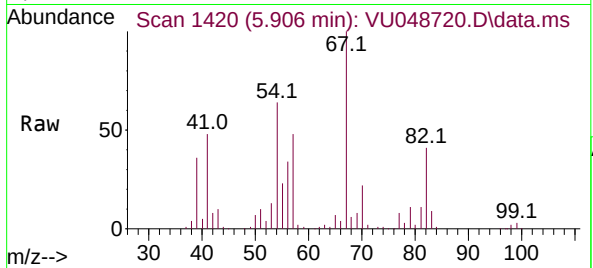




#43
Isopropyl Acetate
Concen: 2.872 ug/l
RT: 5.906 min Scan# 1421
Delta R.T. -0.003 min
Lab File: VU048720.D
Acq: 28 May 2022 02:48

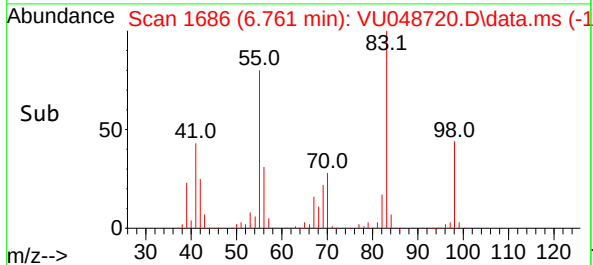
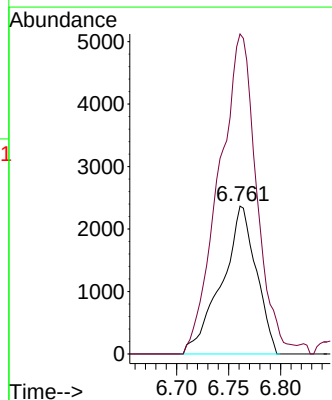
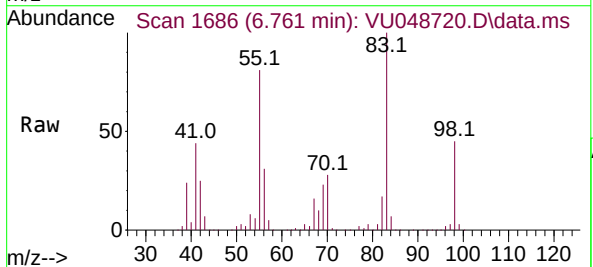
Instrument :
MSVOA_U
ClientSampleId :
TW-16

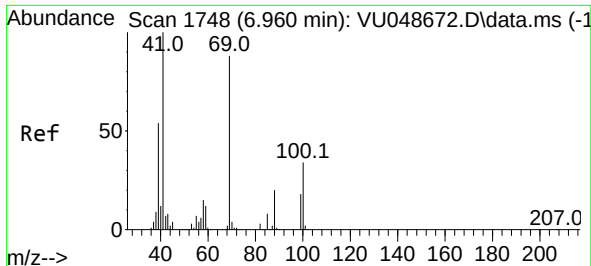
Tgt Ion: 43 Resp: 21519
Ion Ratio Lower Upper
43 100
61 6.0 16.7 25.1#
87 0.0 10.9 16.3#



#45
1,2-Dichloropropane
Concen: 1.795 ug/l
RT: 6.761 min Scan# 1686
Delta R.T. -0.029 min
Lab File: VU048720.D
Acq: 28 May 2022 02:48

Tgt Ion: 63 Resp: 5447
Ion Ratio Lower Upper
63 100
65 216.4 24.8 37.2#

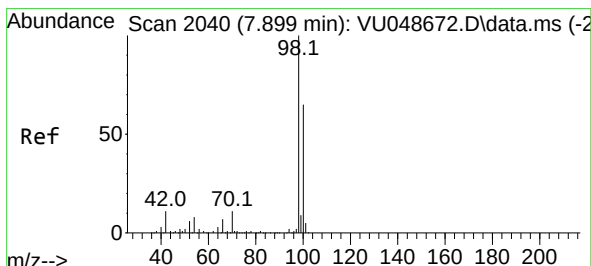
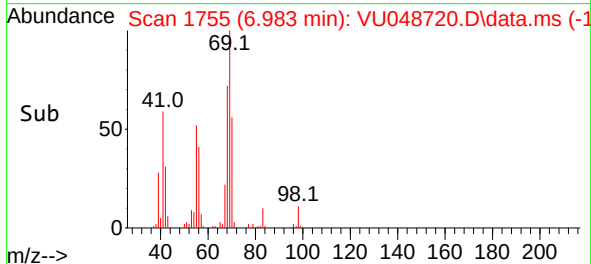
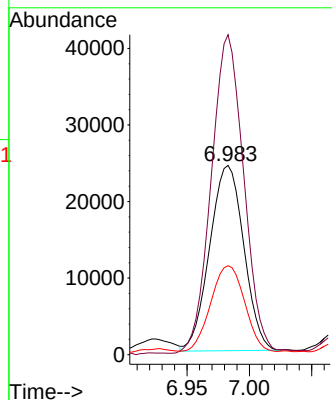
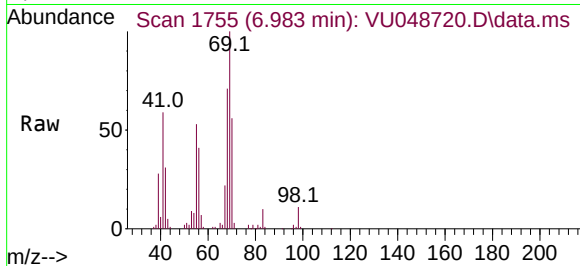




#48
Methyl methacrylate
Concen: 13.717 ug/l
RT: 6.983 min Scan# 11
Delta R.T. 0.022 min
Lab File: VU048720.D
Acq: 28 May 2022 02:48

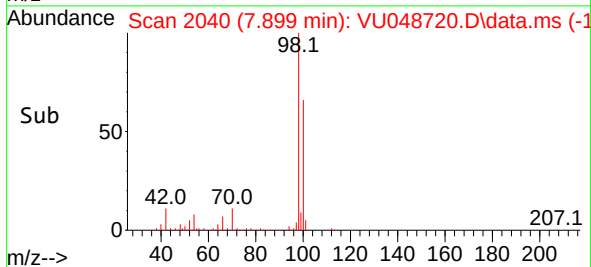
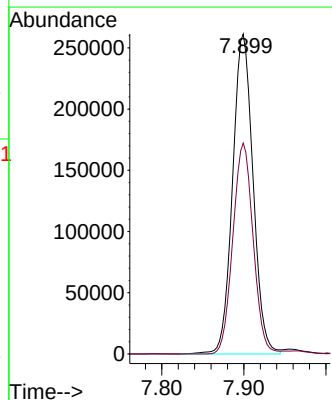
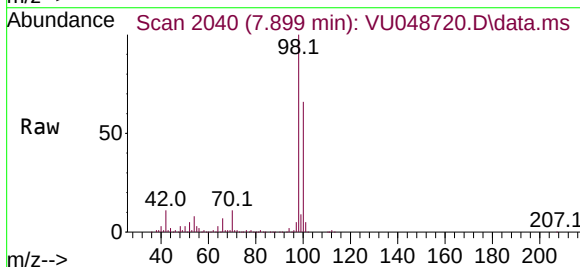
Instrument :
MSVOA_U
ClientSampleId :
TW-16

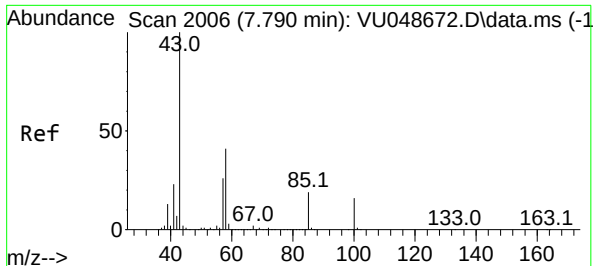
Tgt Ion: 41 Resp: 46132
Ion Ratio Lower Upper
41 100
69 164.3 70.7 106.1#
39 45.6 43.4 65.2



#50
Toluene-d8
Concen: 45.169 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU048720.D
Acq: 28 May 2022 02:48

Tgt Ion: 98 Resp: 452967
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 0.604 ug/l

RT: 7.800 min Scan# 2009

Delta R.T. 0.010 min

Lab File: VU048720.D

Acq: 28 May 2022 02:48

Instrument :

MSVOA_U

ClientSampleId :

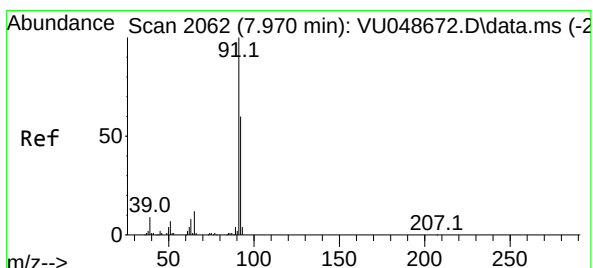
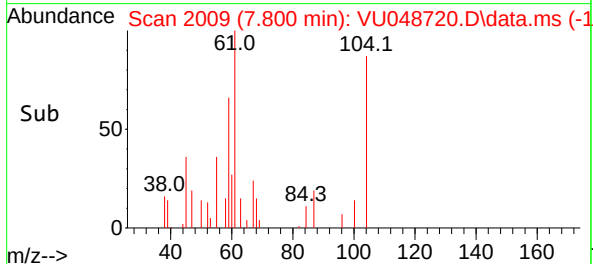
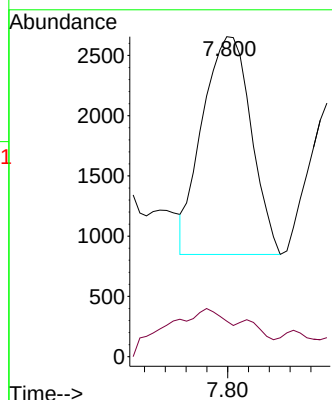
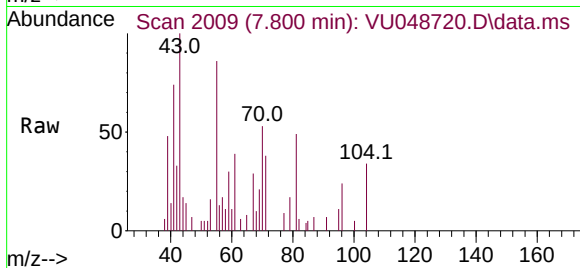
TW-16

Tgt Ion: 43 Resp: 2938

Ion Ratio Lower Upper

43 100

58 27.9 32.7 49.1#



#52

Toluene

Concen: 102.722 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048720.D

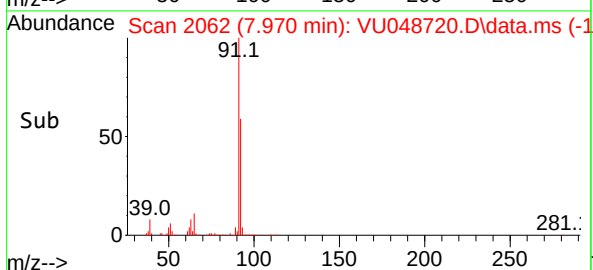
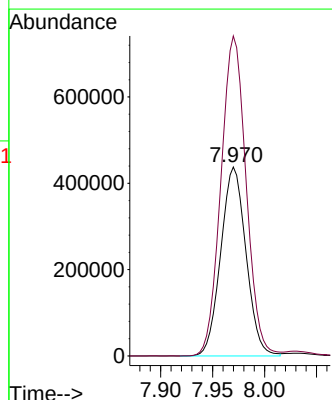
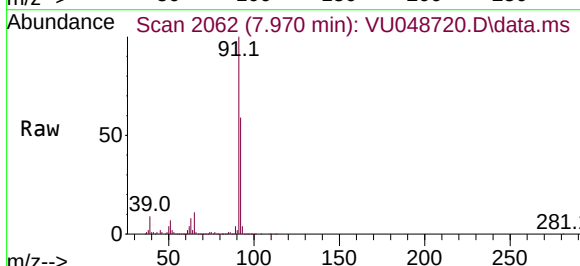
Acq: 28 May 2022 02:48

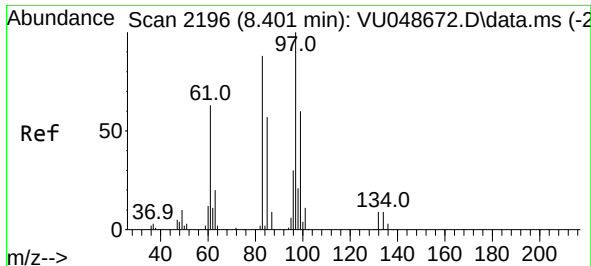
Tgt Ion: 92 Resp: 740653

Ion Ratio Lower Upper

92 100

91 168.9 135.0 202.4

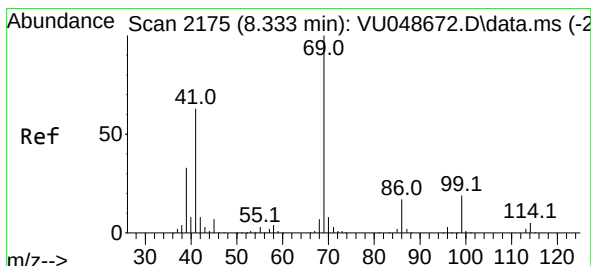
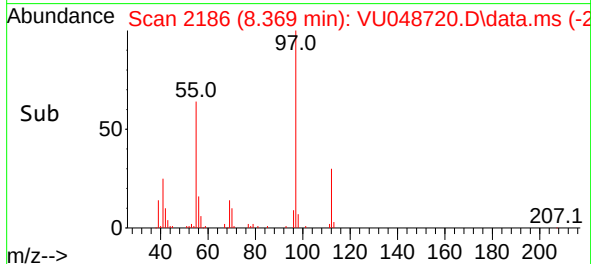
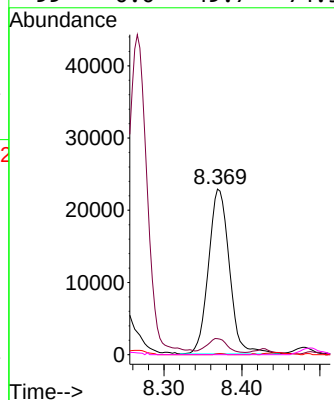
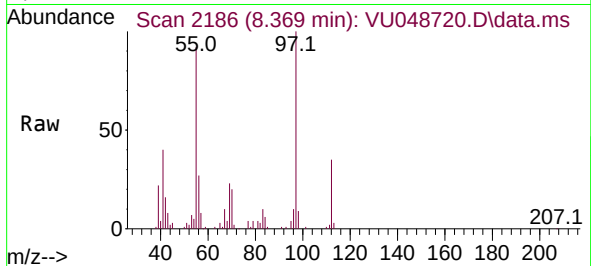




#55
 1,1,2-Trichloroethane
 Concen: 13.337 ug/l
 RT: 8.369 min Scan# 2196
 Delta R.T. -0.032 min
 Lab File: VU048720.D
 Acq: 28 May 2022 02:48

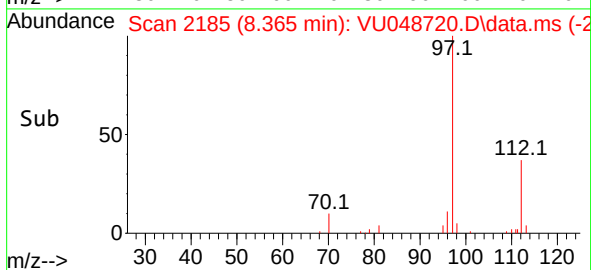
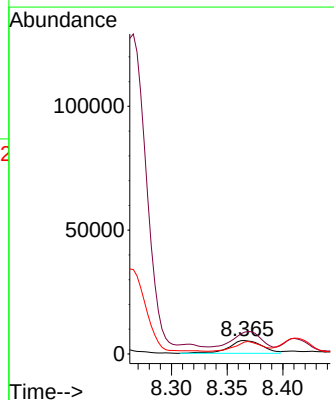
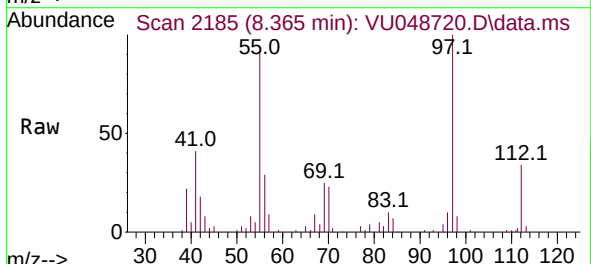
Instrument :
 MSVOA_U
 ClientSampleId :
 TW-16

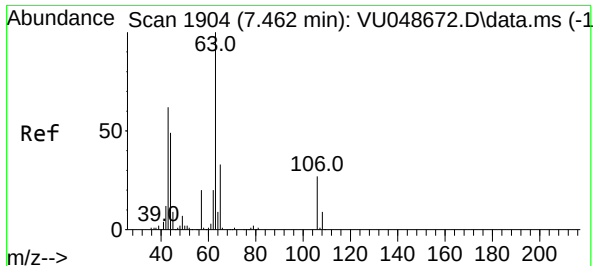
Tgt Ion:	97	Resp:	42439
Ion	Ratio	Lower	Upper
97	100		
83	8.5	70.2	105.4#
85	0.6	45.6	68.4#
99	0.0	49.7	74.5#



#56
 Ethyl methacrylate
 Concen: 4.639 ug/l
 RT: 8.365 min Scan# 2185
 Delta R.T. 0.032 min
 Lab File: VU048720.D
 Acq: 28 May 2022 02:48

Tgt Ion:	69	Resp:	10750
Ion	Ratio	Lower	Upper
69	100		
41	98.1	50.6	76.0#
39	59.8	26.6	40.0#

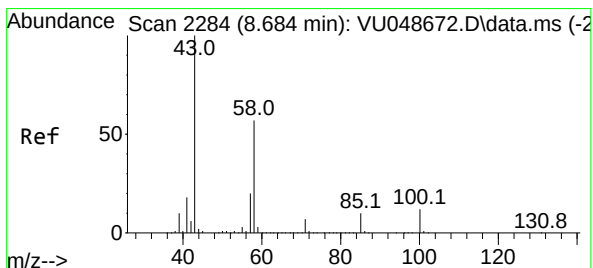
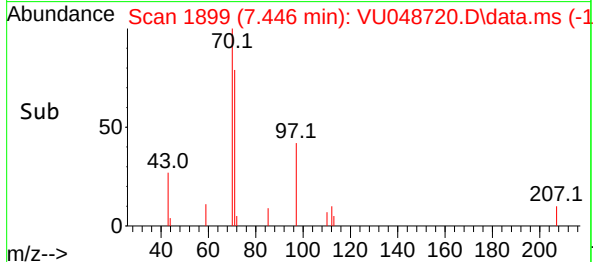
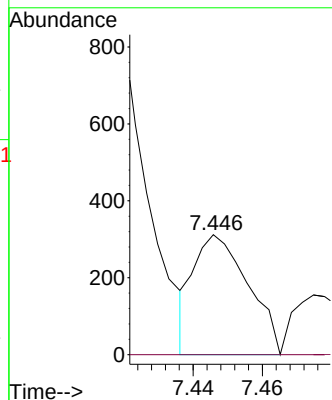
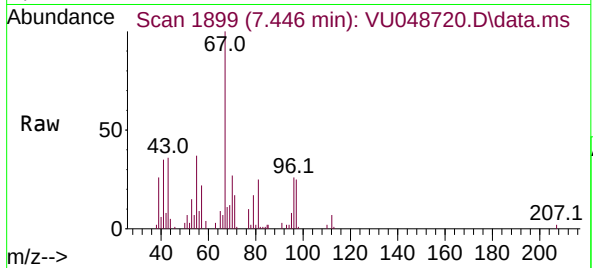




#58
2-Chloroethyl Vinyl ether
Concen: 30.023 ug/l
RT: 7.446 min Scan# 1899
Delta R.T. -0.016 min
Lab File: VU048720.D
Acq: 28 May 2022 02:48

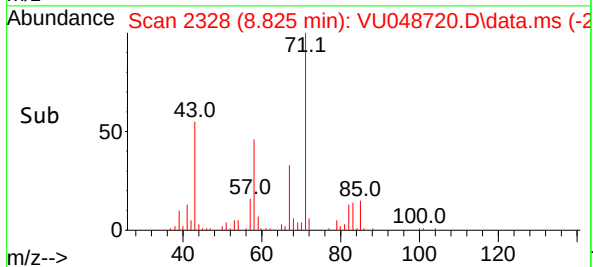
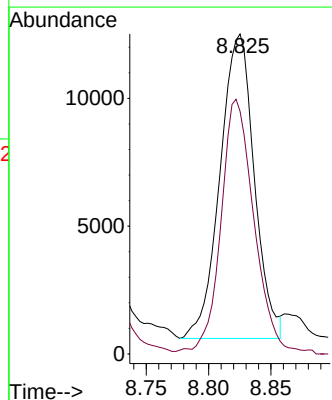
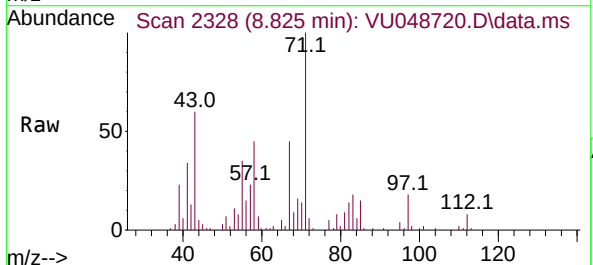
Instrument :
MSVOA_U
ClientSampleId :
TW-16

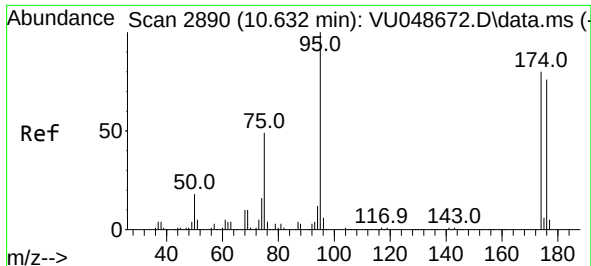
Tgt Ion: 63 Resp: 342
Ion Ratio Lower Upper
63 100
106 0.0 22.2 33.2#



#59
2-Hexanone
Concen: 5.708 ug/l
RT: 8.825 min Scan# 2328
Delta R.T. 0.141 min
Lab File: VU048720.D
Acq: 28 May 2022 02:48

Tgt Ion: 43 Resp: 22796
Ion Ratio Lower Upper
43 100
58 81.3 28.2 84.6





#62

4-Bromofluorobenzene

Concen: 61.490 ug/l

RT: 10.635 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU048720.D

Acq: 28 May 2022 02:48

Instrument :

MSVOA_U

ClientSampleId :

TW-16

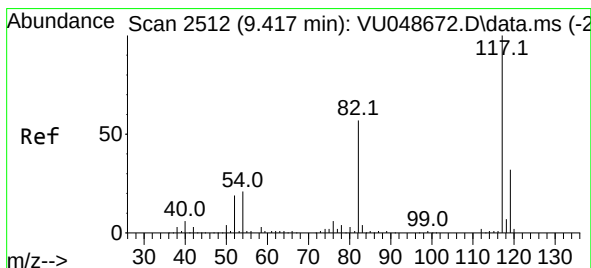
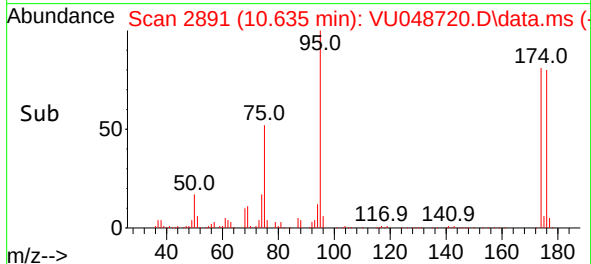
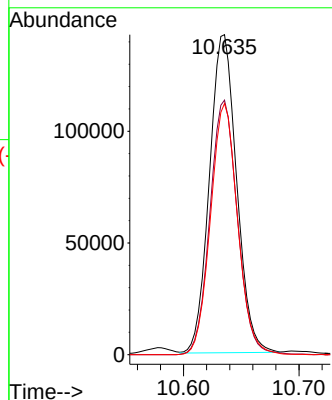
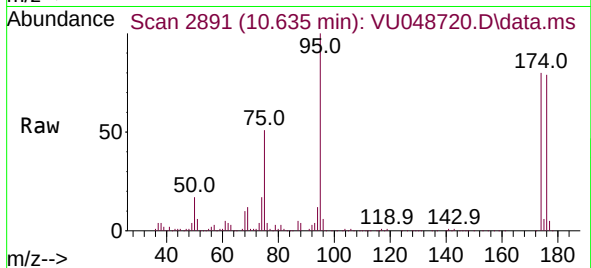
Tgt Ion: 95 Resp: 233209

Ion Ratio Lower Upper

95 100

174 80.8 0.0 159.4

176 78.7 0.0 152.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.420 min Scan# 2513

Delta R.T. 0.003 min

Lab File: VU048720.D

Acq: 28 May 2022 02:48

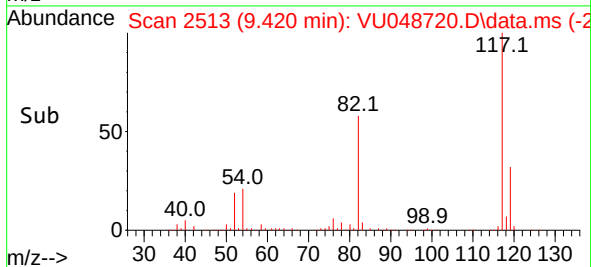
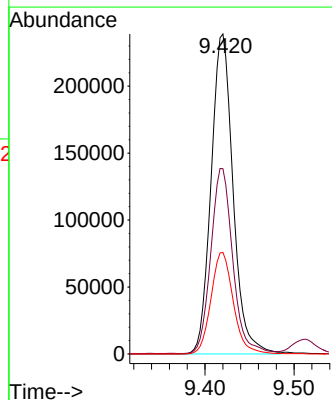
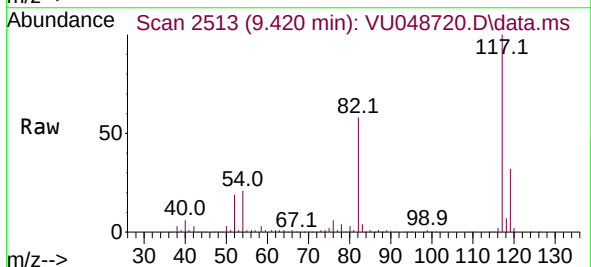
Tgt Ion: 117 Resp: 408940

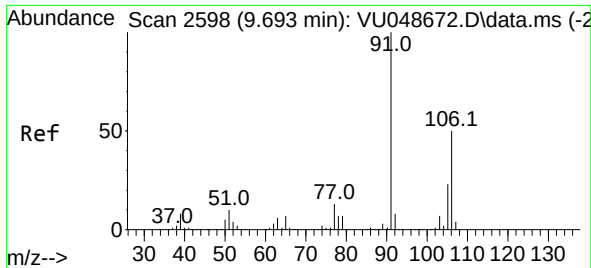
Ion Ratio Lower Upper

117 100

82 57.8 45.3 67.9

119 31.7 25.4 38.2

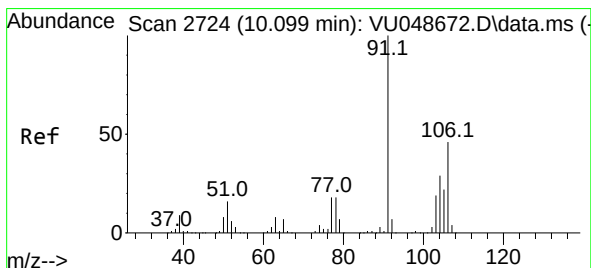
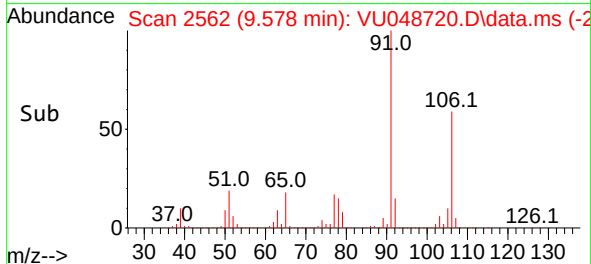
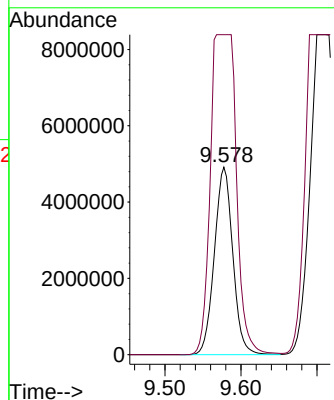
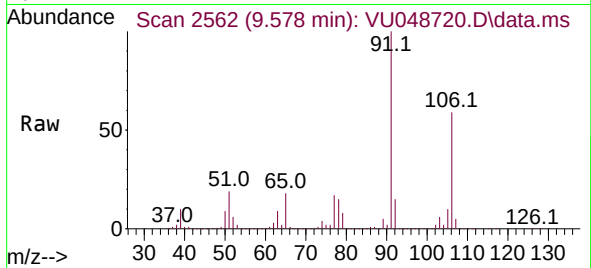




#68
m/p-Xylenes
Concen: 1448.430 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. -0.116 min
Lab File: VU048720.D
Acq: 28 May 2022 02:48

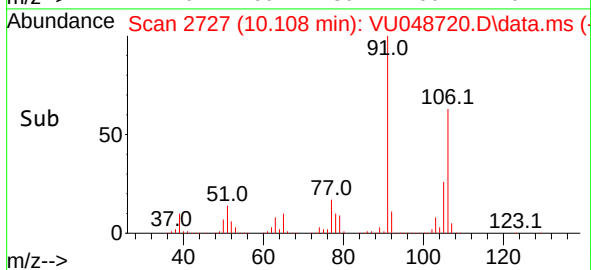
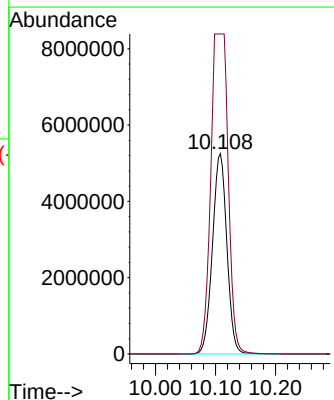
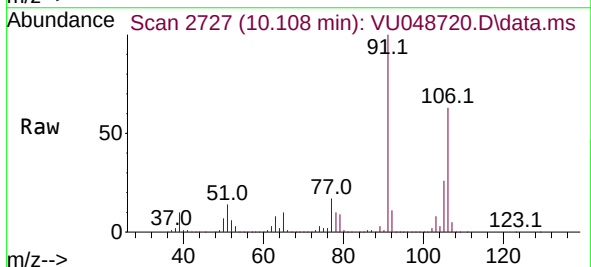
Instrument :
MSVOA_U
ClientSampleId :
TW-16

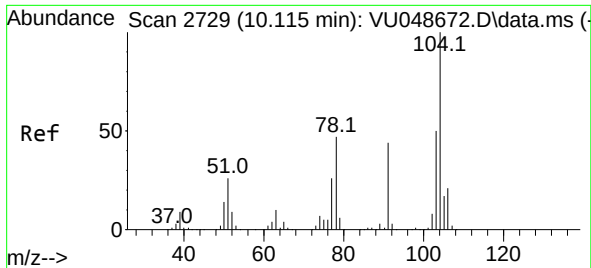
Tgt Ion:106 Resp: 8263836
Ion Ratio Lower Upper
106 100
91 0.0 162.4 243.6#



#69
o-Xylene
Concen: 1558.665 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. 0.010 min
Lab File: VU048720.D
Acq: 28 May 2022 02:48

Tgt Ion:106 Resp: 8736745
Ion Ratio Lower Upper
106 100
91 0.0 107.7 323.3#

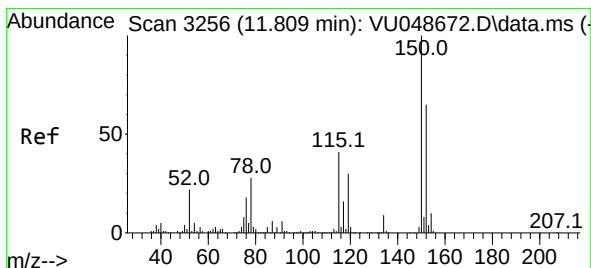
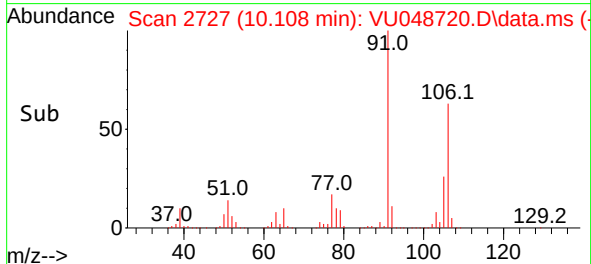
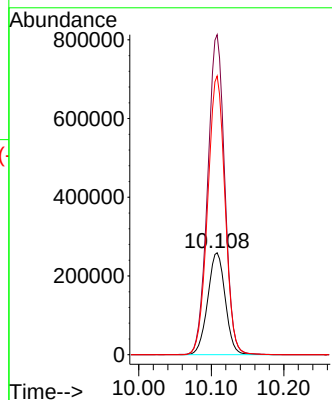
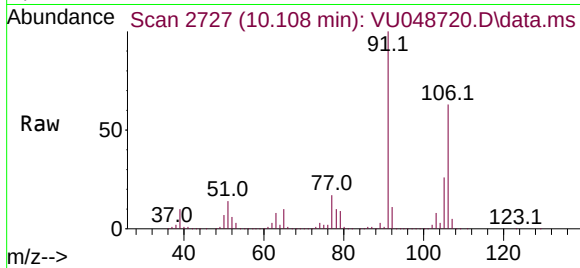




#70
Styrene
Concen: 47.278 ug/l
RT: 10.108 min Scan# 21
Delta R.T. -0.007 min
Lab File: VU048720.D
Acq: 28 May 2022 02:48

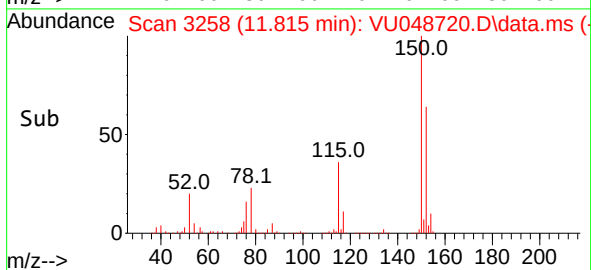
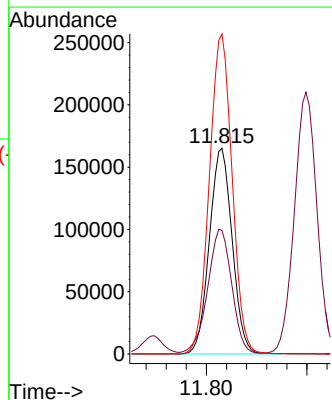
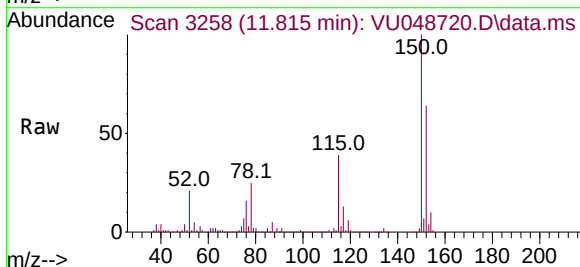
Instrument :
MSVOA_U
ClientSampleId :
TW-16

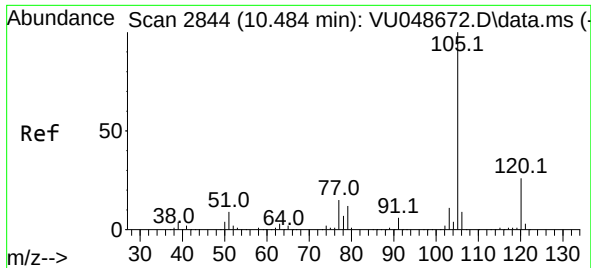
Tgt Ion:104 Resp: 435891
Ion Ratio Lower Upper
104 100
78 305.0 41.2 61.8#
103 270.2 43.4 65.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. 0.006 min
Lab File: VU048720.D
Acq: 28 May 2022 02:48

Tgt Ion:152 Resp: 260414
Ion Ratio Lower Upper
152 100
115 62.8 41.8 125.4
150 154.9 0.0 341.0

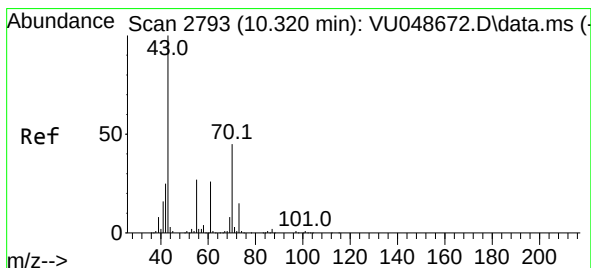
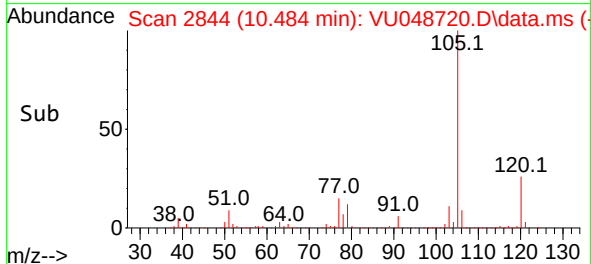
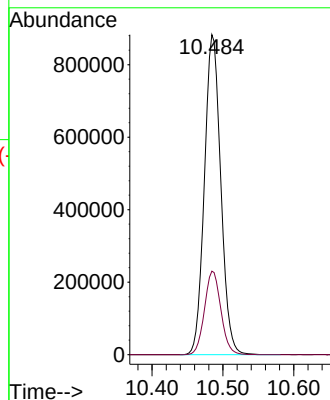
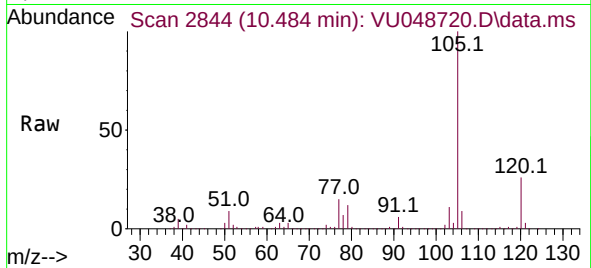




#73
Isopropylbenzene
Concen: 84.212 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU048720.D
Acq: 28 May 2022 02:48

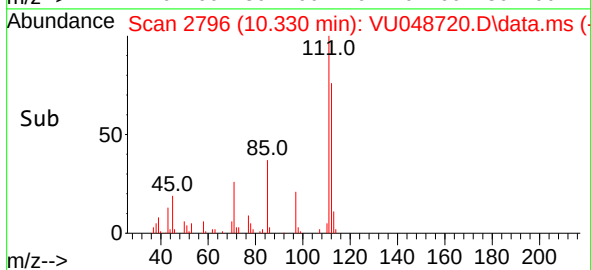
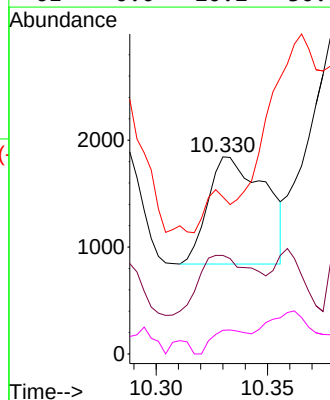
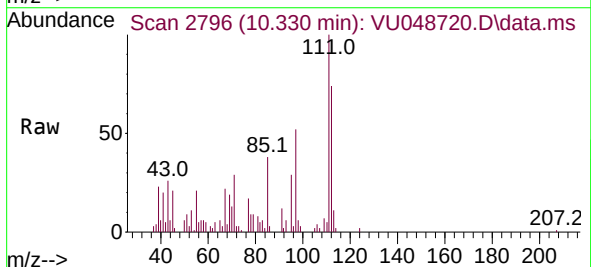
Instrument :
MSVOA_U
ClientSampleId :
TW-16

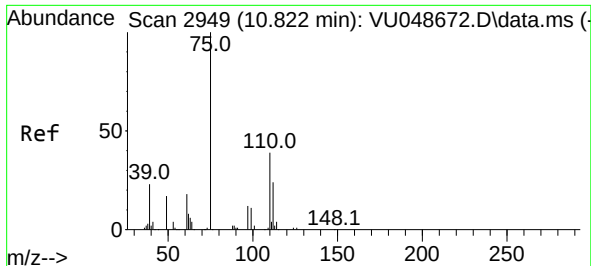
Tgt Ion:105 Resp: 1415788
Ion Ratio Lower Upper
105 100
120 26.1 12.9 38.6



#74
N-ethyl acetate
Concen: 2.667 ug/l
RT: 10.330 min Scan# 2796
Delta R.T. 0.010 min
Lab File: VU048720.D
Acq: 28 May 2022 02:48

Tgt Ion: 43 Resp: 1792
Ion Ratio Lower Upper
43 100
70 59.7 35.8 53.6#
55 0.0 21.1 31.7#
61 0.0 20.2 30.4#

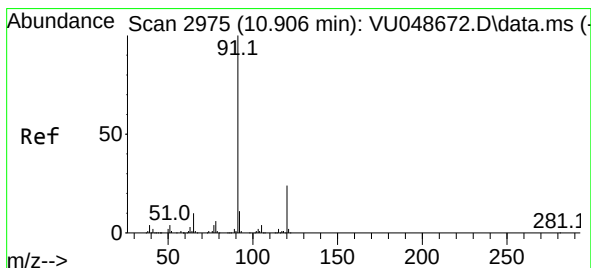
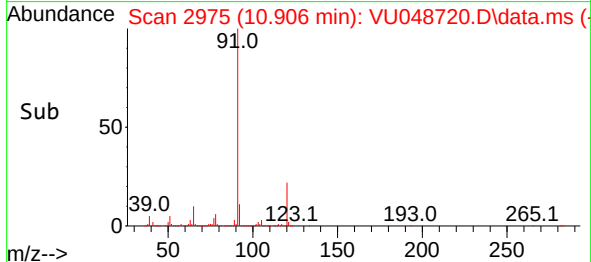
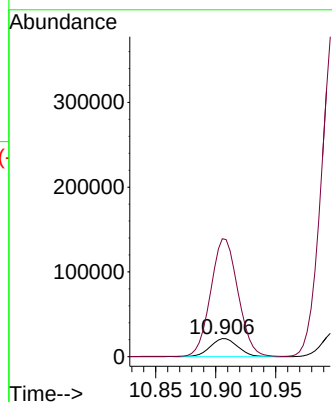
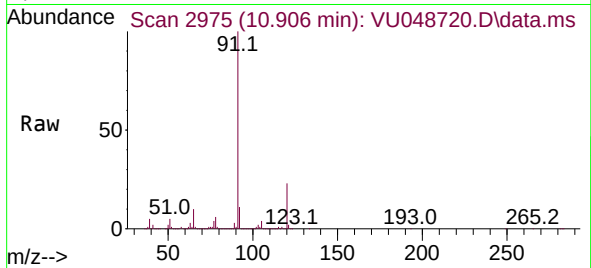




#76
1,2,3-Trichloropropane
Concen: 4.059 ug/l
RT: 10.906 min Scan# 2949
Delta R.T. 0.083 min
Lab File: VU048720.D
Acq: 28 May 2022 02:48

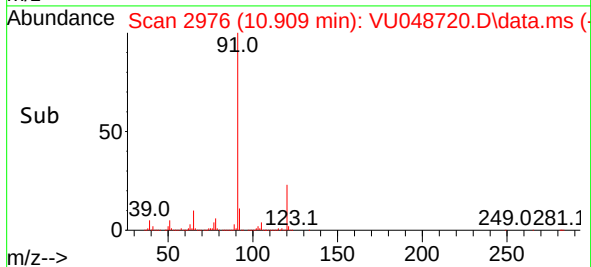
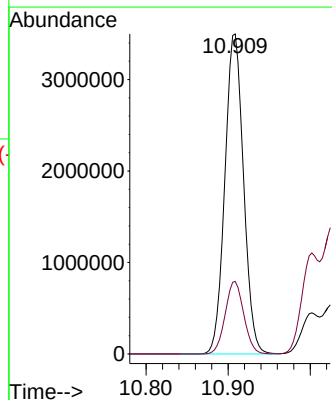
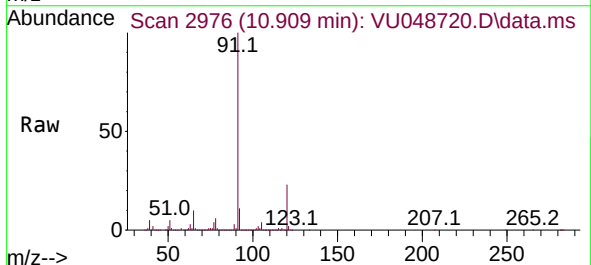
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ClientSampleId :
TW-16

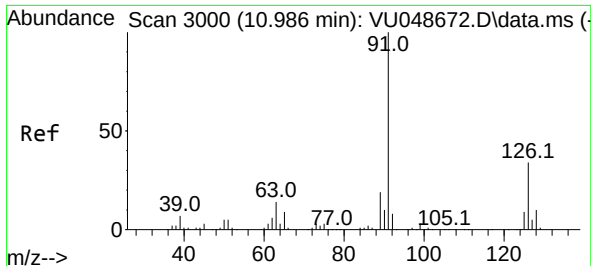
Tgt Ion: 75 Resp: 34085
Ion Ratio Lower Upper
75 100
77 643.2 14.8 44.3#



#78
n-propylbenzene
Concen: 276.009 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.003 min
Lab File: VU048720.D
Acq: 28 May 2022 02:48

Tgt Ion: 91 Resp: 5529340
Ion Ratio Lower Upper
91 100
120 22.6 11.6 34.7

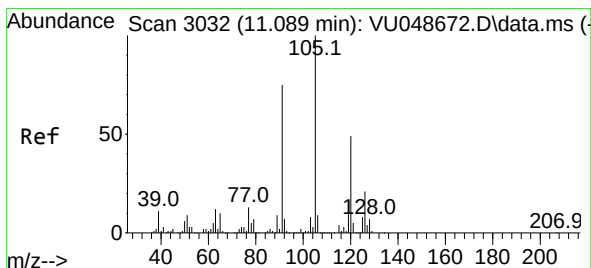
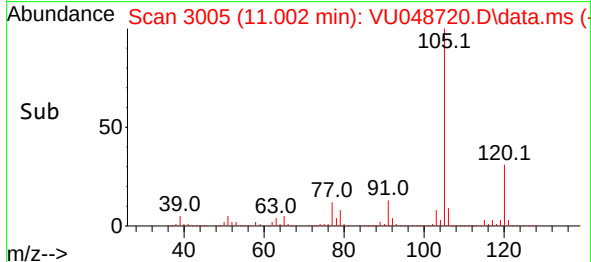
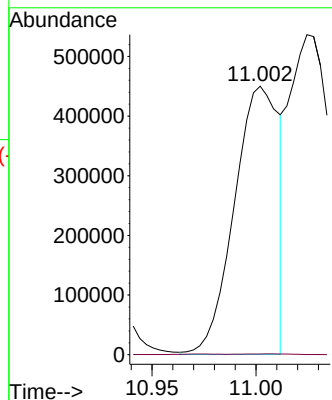
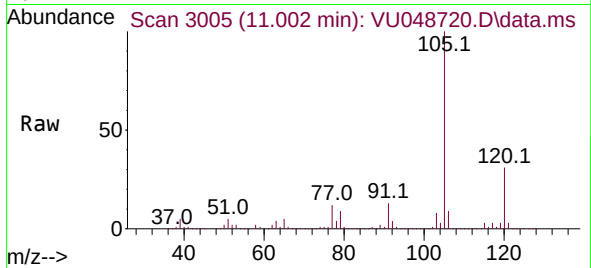




#79
2-Chlorotoluene
Concen: 53.829 ug/l
RT: 11.002 min Scan# 3005
Delta R.T. 0.016 min
Lab File: VU048720.D
Acq: 28 May 2022 02:48

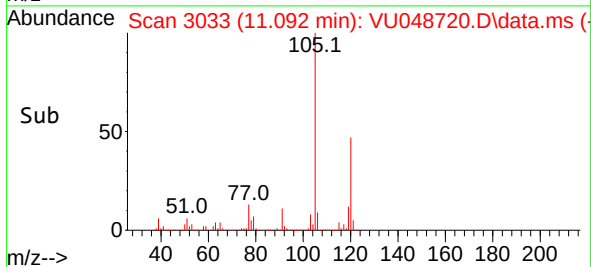
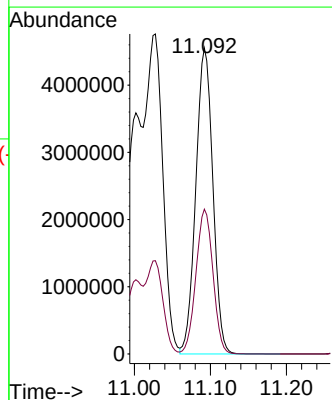
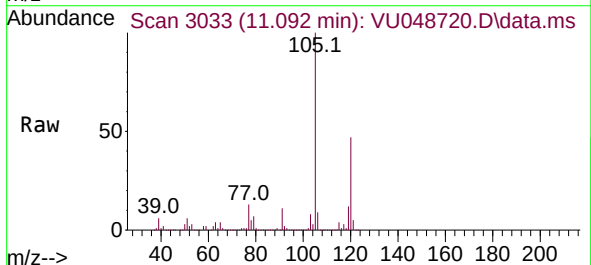
Instrument :
MSVOA_U
ClientSampleId :
TW-16

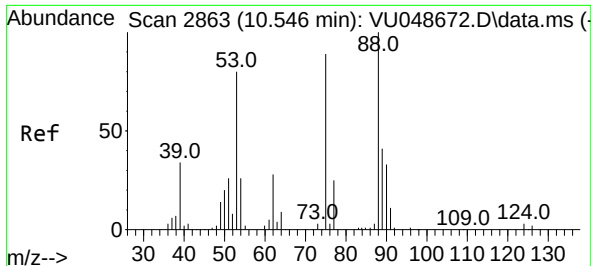
Tgt Ion: 91 Resp: 670612
Ion Ratio Lower Upper
91 100
126 0.3 16.7 50.0#



#80
1,3,5-Trimethylbenzene
Concen: 484.210 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.003 min
Lab File: VU048720.D
Acq: 28 May 2022 02:48

Tgt Ion: 105 Resp: 7079349
Ion Ratio Lower Upper
105 100
120 47.3 24.1 72.3

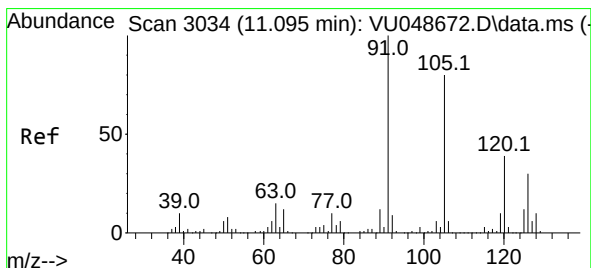
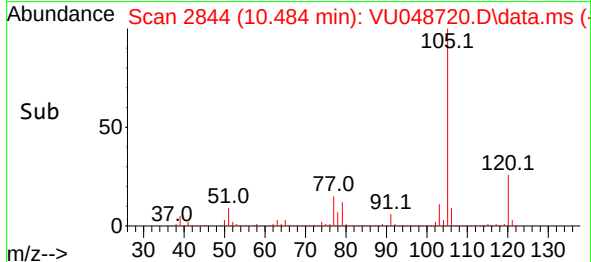
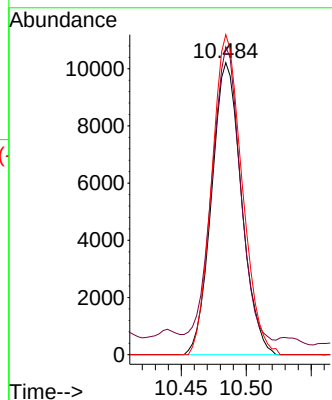
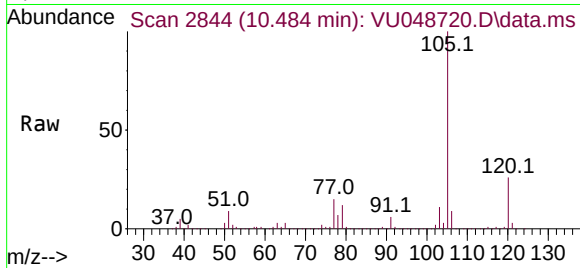




#81
trans-1,4-Dichloro-2-butene
Concen: 7.039 ug/l
RT: 10.484 min Scan# 21
Delta R.T. -0.061 min
Lab File: VU048720.D
Acq: 28 May 2022 02:48

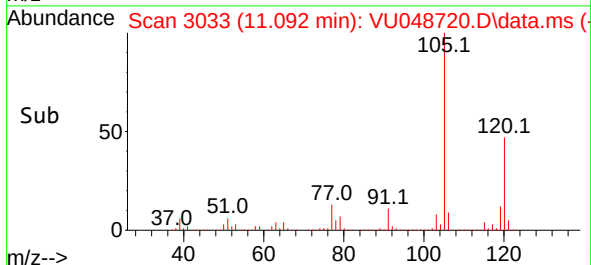
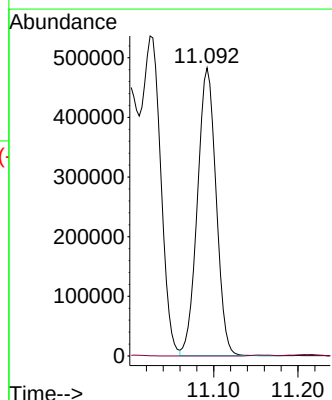
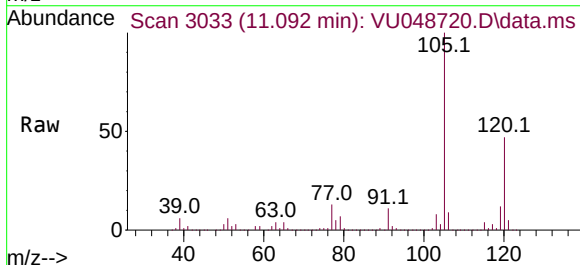
Instrument :
MSVOA_U
ClientSampleId :
TW-16

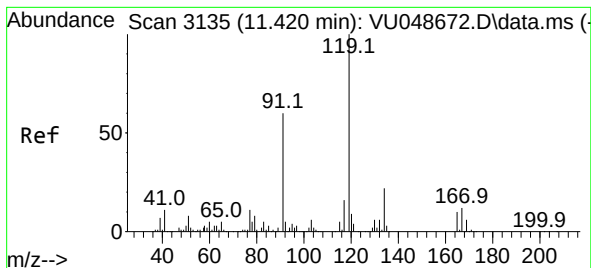
Tgt Ion: 75 Resp: 16278
Ion Ratio Lower Upper
75 100
53 94.9 72.5 108.7
89 111.0 37.0 55.4#



#82
4-Chlorotoluene
Concen: 51.810 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. -0.003 min
Lab File: VU048720.D
Acq: 28 May 2022 02:48

Tgt Ion: 91 Resp: 744719
Ion Ratio Lower Upper
91 100
126 0.0 14.4 43.2#





#83

tert-Butylbenzene

Concen: 301.290 ug/l

RT: 11.481 min Scan# 31

Delta R.T. 0.061 min

Lab File: VU048720.D

Acq: 28 May 2022 02:48

Instrument :

MSVOA_U

ClientSampleId :

TW-16

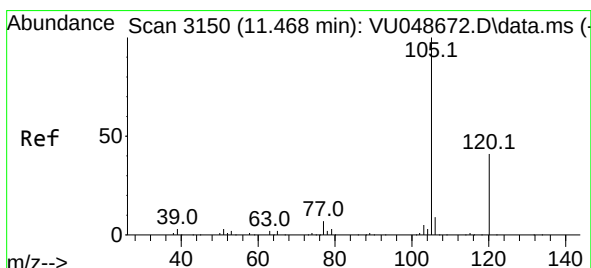
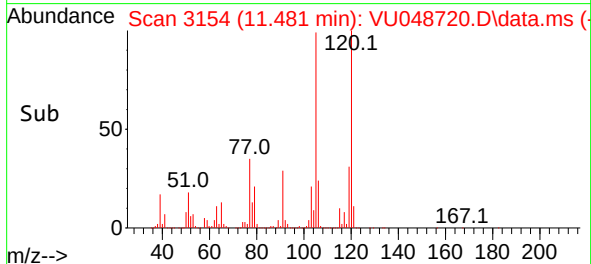
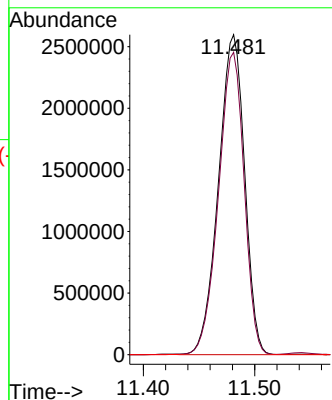
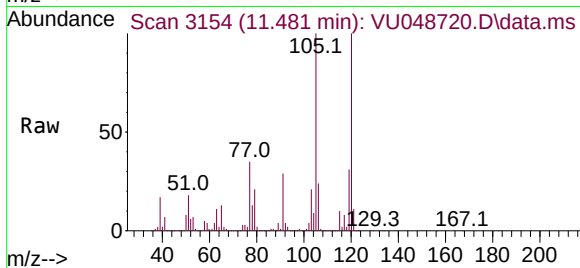
Tgt Ion:119 Resp: 4227748

Ion Ratio Lower Upper

119 100

91 92.9 28.7 86.1#

134 0.0 10.8 32.4#



#84

1,2,4-Trimethylbenzene

Concen: 702.949 ug/l

RT: 11.295 min Scan# 3096

Delta R.T. -0.173 min

Lab File: VU048720.D

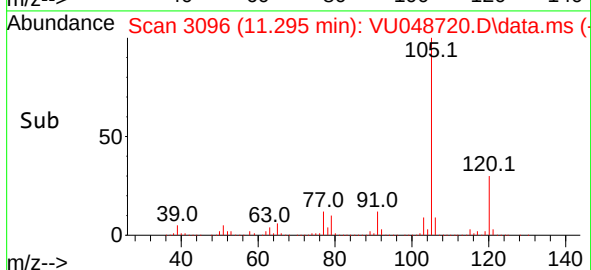
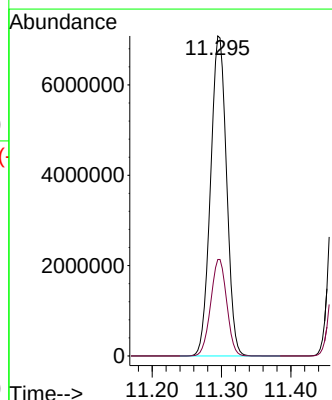
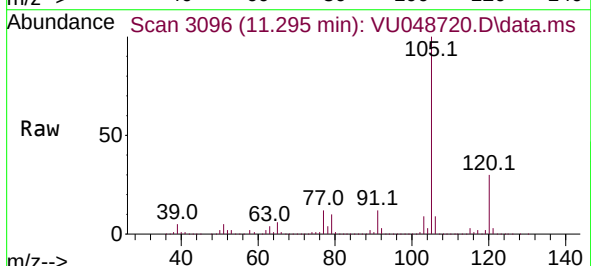
Acq: 28 May 2022 02:48

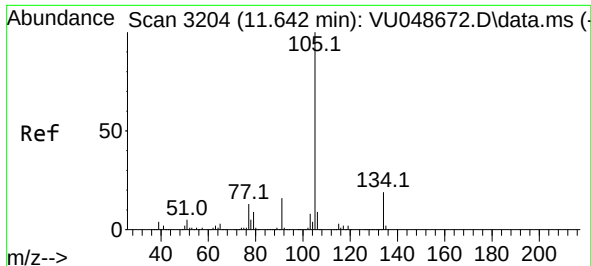
Tgt Ion:105 Resp:11326363

Ion Ratio Lower Upper

105 100

120 30.1 22.5 67.5

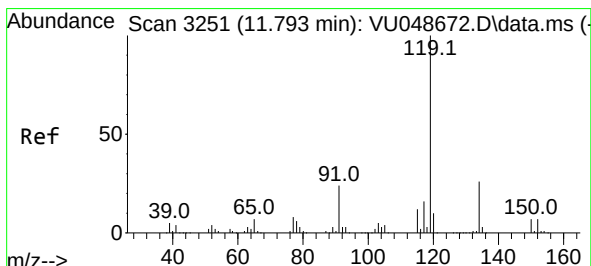
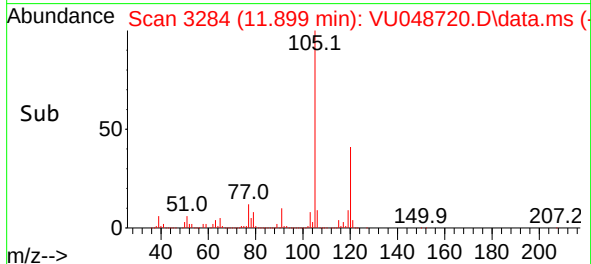
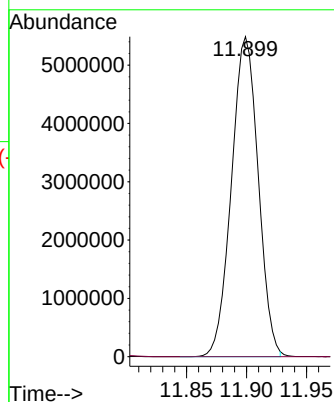
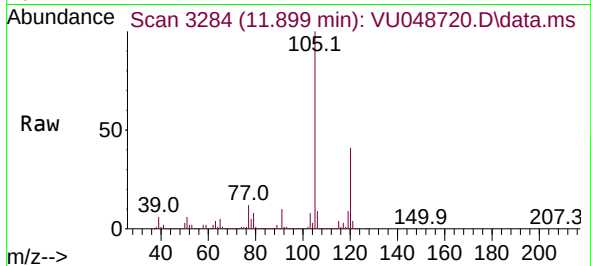




#85
 sec-Butylbenzene
 Concen: 485.887 ug/l
 RT: 11.899 min Scan# 31
 Delta R.T. 0.257 min
 Lab File: VU048720.D
 Acq: 28 May 2022 02:48

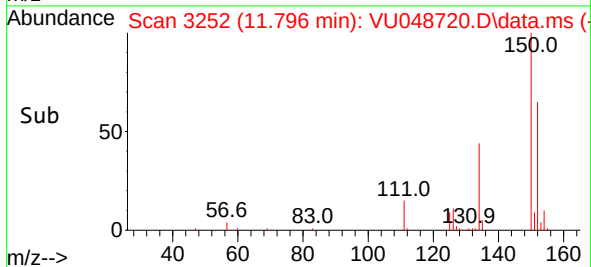
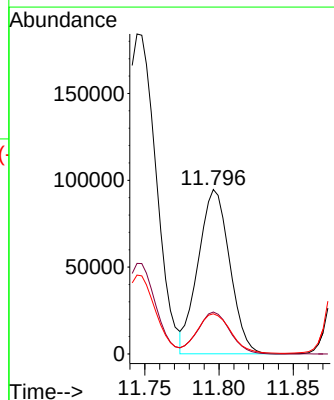
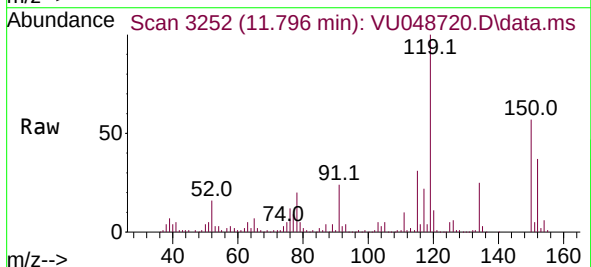
Instrument :
 MSVOA_U
 ClientSampleId :
 TW-16

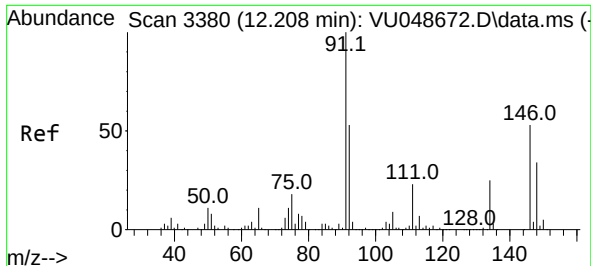
Tgt Ion:105 Resp: 8529620
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.6 28.6#



#86
 p-Isopropyltoluene
 Concen: 9.255 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.003 min
 Lab File: VU048720.D
 Acq: 28 May 2022 02:48

Tgt Ion:119 Resp: 139525
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.8 38.4
 91 25.7 12.0 36.0





#89

n-Butylbenzene

Concen: 51.908 ug/l

RT: 12.195 min Scan# 3376

Delta R.T. -0.013 min

Lab File: VU048720.D

Acq: 28 May 2022 02:48

Instrument :

MSVOA_U

ClientSampleId :

TW-16

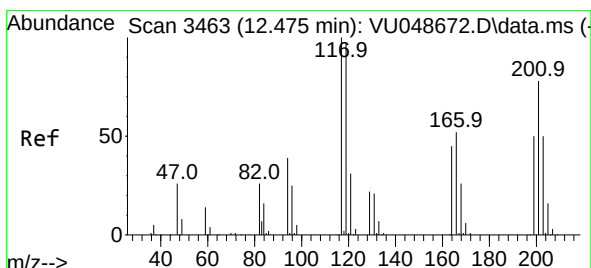
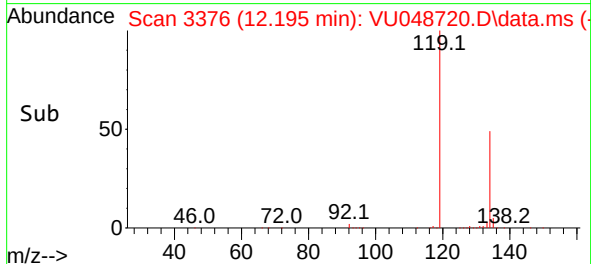
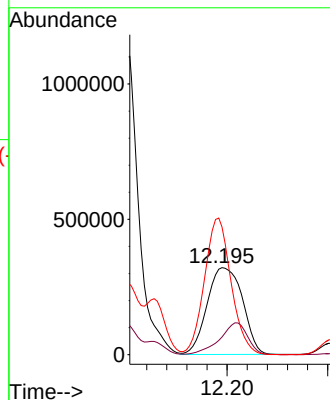
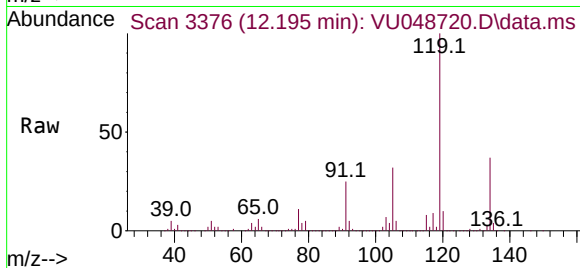
Tgt Ion: 91 Resp: 784592

Ion Ratio Lower Upper

91 100

92 28.9 25.9 77.8

134 118.4 12.5 37.5#



#90

Hexachloroethane

Concen: 78.591 ug/l

RT: 12.468 min Scan# 3461

Delta R.T. -0.007 min

Lab File: VU048720.D

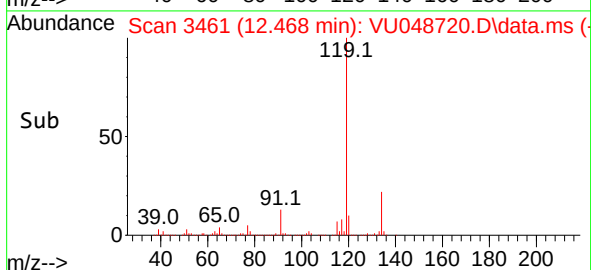
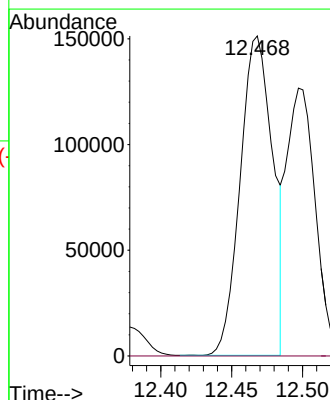
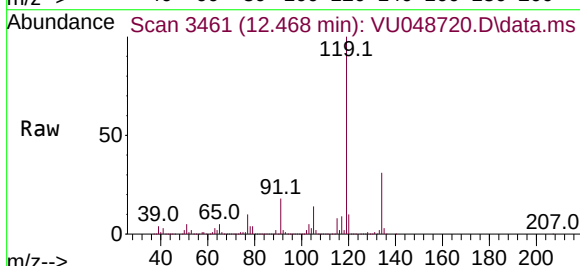
Acq: 28 May 2022 02:48

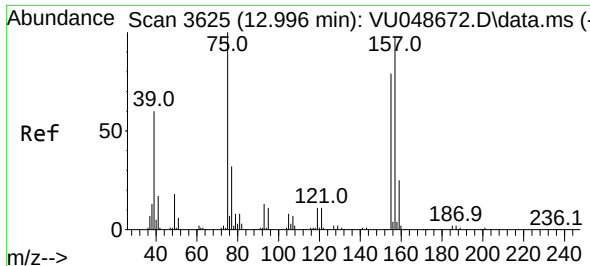
Tgt Ion: 117 Resp: 241798

Ion Ratio Lower Upper

117 100

201 0.0 39.6 119.0#

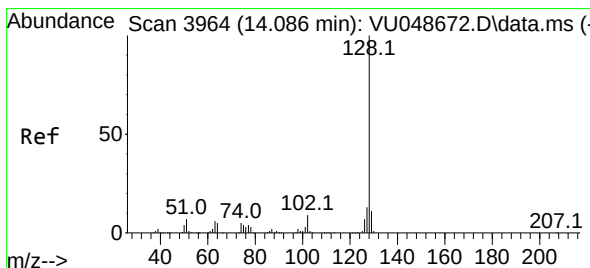
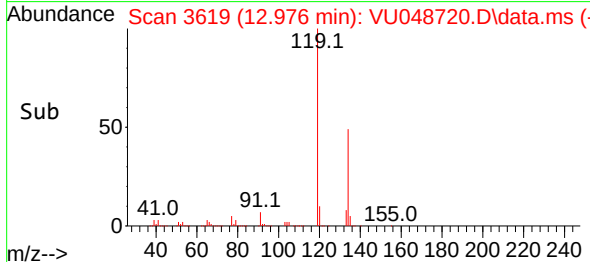
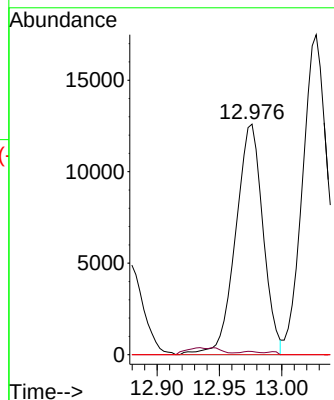
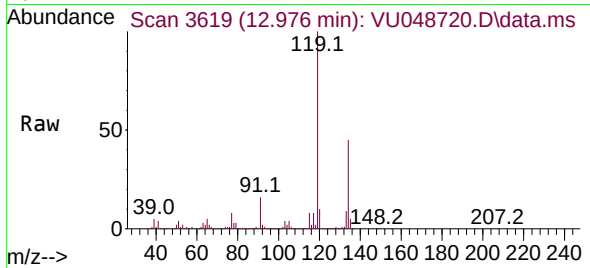




#92
1,2-Dibromo-3-Chloropropane
Concen: 9.734 ug/l
RT: 12.976 min Scan# 3619
Delta R.T. -0.019 min
Lab File: VU048720.D
Acq: 28 May 2022 02:48

Instrument :
MSVOA_U
ClientSampleId :
TW-16

Tgt Ion: 75 Resp: 19228
Ion Ratio Lower Upper
75 100
155 0.5 40.3 120.8#
157 0.0 50.0 150.0#



#95
Naphthalene
Concen: 736.828 ug/l
RT: 14.085 min Scan# 3964
Delta R.T. -0.001 min
Lab File: VU048720.D
Acq: 28 May 2022 02:48

Tgt Ion: 128 Resp: 15854736
Ion Ratio Lower Upper
128 100
127 14.2 10.2 15.4
129 12.1 8.7 13.1

