

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102921\
 Data File : VU045448.D
 Acq On : 28 Oct 2021 20:03
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 29 04:03:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 04:00:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.379	168	194196	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	360244	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	337263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	164171	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	67028	20.681	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	41.360%#
35) Dibromofluoromethane	5.295	113	48282	21.079	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	42.160%#
50) Toluene-d8	7.903	98	188212	20.765	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	41.540%#
62) 4-Bromofluorobenzene	10.636	95	69462	18.937	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	37.880%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	59400	24.268	ug/l	98
3) Chloromethane	1.520	50	80618	24.894	ug/l	100
4) Vinyl Chloride	1.604	62	70470	22.600	ug/l	100
5) Bromomethane	1.861	94	44237	32.424	ug/l	99
6) Chloroethane	1.935	64	44110	19.090	ug/l	98
7) Trichlorofluoromethane	2.141	101	78554	19.571	ug/l	100
8) Diethyl Ether	2.379	74	36501	19.785	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.584	101	46967	20.385	ug/l	99
10) Methyl Iodide	2.726	142	27313	11.990	ug/l	98
11) Tert butyl alcohol	3.208	59	75564	85.917	ug/l	99
12) 1,1-Dichloroethene	2.584	96	47391	20.819	ug/l	99
13) Acrolein	2.491	56	14847	75.837	ug/l	96
14) Allyl chloride	2.929	41	87520	20.739	ug/l	99
15) Acrylonitrile	3.321	53	180070	98.488	ug/l	98
16) Acetone	2.639	43	153342	83.986	ug/l	99
17) Carbon Disulfide	2.797	76	134803	20.024	ug/l	99
18) Methyl Acetate	2.954	43	114117	20.604	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	175902	20.158	ug/l	100
20) Methylene Chloride	3.051	84	58248	20.372	ug/l	98
21) trans-1,2-Dichloroethene	3.356	96	50554	20.307	ug/l	98
22) Diisopropyl ether	3.996	45	174802	20.371	ug/l	96
23) Vinyl Acetate	3.961	43	671260	97.280	ug/l	100
24) 1,1-Dichloroethane	3.874	63	101502	20.588	ug/l	99
25) 2-Butanone	4.710	43	238162	90.943	ug/l	100
26) 2,2-Dichloropropane	4.668	77	76884	18.755	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	59747	20.350	ug/l	98
28) Bromochloromethane	4.980	49	51044	24.369	ug/l	99
29) Tetrahydrofuran	5.057	42	151636	96.078	ug/l	99
30) Chloroform	5.092	83	97591	19.792	ug/l	98
31) Cyclohexane	5.391	56	99450	20.492	ug/l	96
32) 1,1,1-Trichloroethane	5.321	97	80946	19.898	ug/l	99
36) 1,1-Dichloropropene	5.530	75	74027	19.987	ug/l	100
37) Ethyl Acetate	4.806	43	88350	18.254	ug/l	100
38) Carbon Tetrachloride	5.530	117	64872	20.308	ug/l	98
39) Methylcyclohexane	6.768	83	90467	19.872	ug/l	97
40) Benzene	5.777	78	223675	20.251	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	48103	19.278	ug/l	98
42) 1,2-Dichloroethane	5.800	62	82373	19.196	ug/l	100
43) Isopropyl Acetate	5.916	43	135975	18.676	ug/l	100
44) Trichloroethene	6.546	130	51944	19.974	ug/l	97
45) 1,2-Dichloropropane	6.793	63	58573	20.002	ug/l	97
46) Dibromomethane	6.922	93	38944	19.813	ug/l	99
47) Bromodichloromethane	7.108	83	74861	19.595	ug/l	97
48) Methyl methacrylate	6.964	41	62687	17.762	ug/l	99
49) 1,4-Dioxane	7.002	88	32657	394.885	ug/l #	98
51) 4-Methyl-2-Pentanone	7.793	43	438771	84.443	ug/l	100
52) Toluene	7.973	92	137229	19.916	ug/l	99
53) t-1,3-Dichloropropene	8.214	75	84528	19.474	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	91049	19.956	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	55444	19.425	ug/l	98
56) Ethyl methacrylate	8.337	69	88194	17.944	ug/l	99
57) 1,3-Dichloropropane	8.578	76	98975	19.405	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.465	63	242445	151.168	ug/l	99
59) 2-Hexanone	8.687	43	339754	81.258	ug/l	99
60) Dibromochloromethane	8.813	129	52848	19.604	ug/l	100
61) 1,2-Dibromoethane	8.928	107	57124	18.898	ug/l	100
64) Tetrachloroethene	8.555	164	42288	19.658	ug/l	95
65) Chlorobenzene	9.449	112	138047	19.907	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.539	131	46297	19.251	ug/l	100
67) Ethyl Benzene	9.575	91	252730	19.833	ug/l	100
68) m/p-Xylenes	9.697	106	195012	39.433	ug/l	99
69) o-Xylene	10.102	106	94012	19.224	ug/l	99
70) Styrene	10.118	104	157598	19.283	ug/l	100
71) Bromoform	10.295	173	36545	18.139	ug/l #	100
73) Isopropylbenzene	10.488	105	243172	20.102	ug/l	100
74) N-amyl acetate	10.320	43	109378	18.254	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	94721	18.470	ug/l	100
76) 1,2,3-Trichloropropane	10.829	75	108815	23.112	ug/l	93
77) Bromobenzene	10.787	156	56121	19.340	ug/l	99
78) n-propylbenzene	10.909	91	296357	20.153	ug/l	100
79) 2-Chlorotoluene	10.989	91	177017	19.273	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	207508	19.725	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.549	75	28887	17.374	ug/l	97
82) 4-Chlorotoluene	11.099	91	202388	19.528	ug/l	100
83) tert-Butylbenzene	11.423	119	197804	19.398	ug/l	99
84) 1,2,4-Trimethylbenzene	11.472	105	207127	19.934	ug/l	100
85) sec-Butylbenzene	11.645	105	261332	19.852	ug/l	99
86) p-Isopropyltoluene	11.796	119	212657	20.093	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	108294	19.557	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	109655	19.328	ug/l	99
89) n-Butylbenzene	12.211	91	197556	20.116	ug/l	100
90) Hexachloroethane	12.478	117	35703	18.707	ug/l	98
91) 1,2-Dichlorobenzene	12.214	146	108084	19.131	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.999	75	22105	18.201	ug/l	99
93) 1,2,4-Trichlorobenzene	13.844	180	69833	21.501	ug/l	99
94) Hexachlorobutadiene	14.025	225	26806	20.105	ug/l	99
95) Naphthalene	14.089	128	269534	21.969	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	73750	22.504	ug/l	100

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Quant Title : SW846 8260
QLast Update : Fri Oct 29 04:00:46 2021
Response via : Initial Calibration

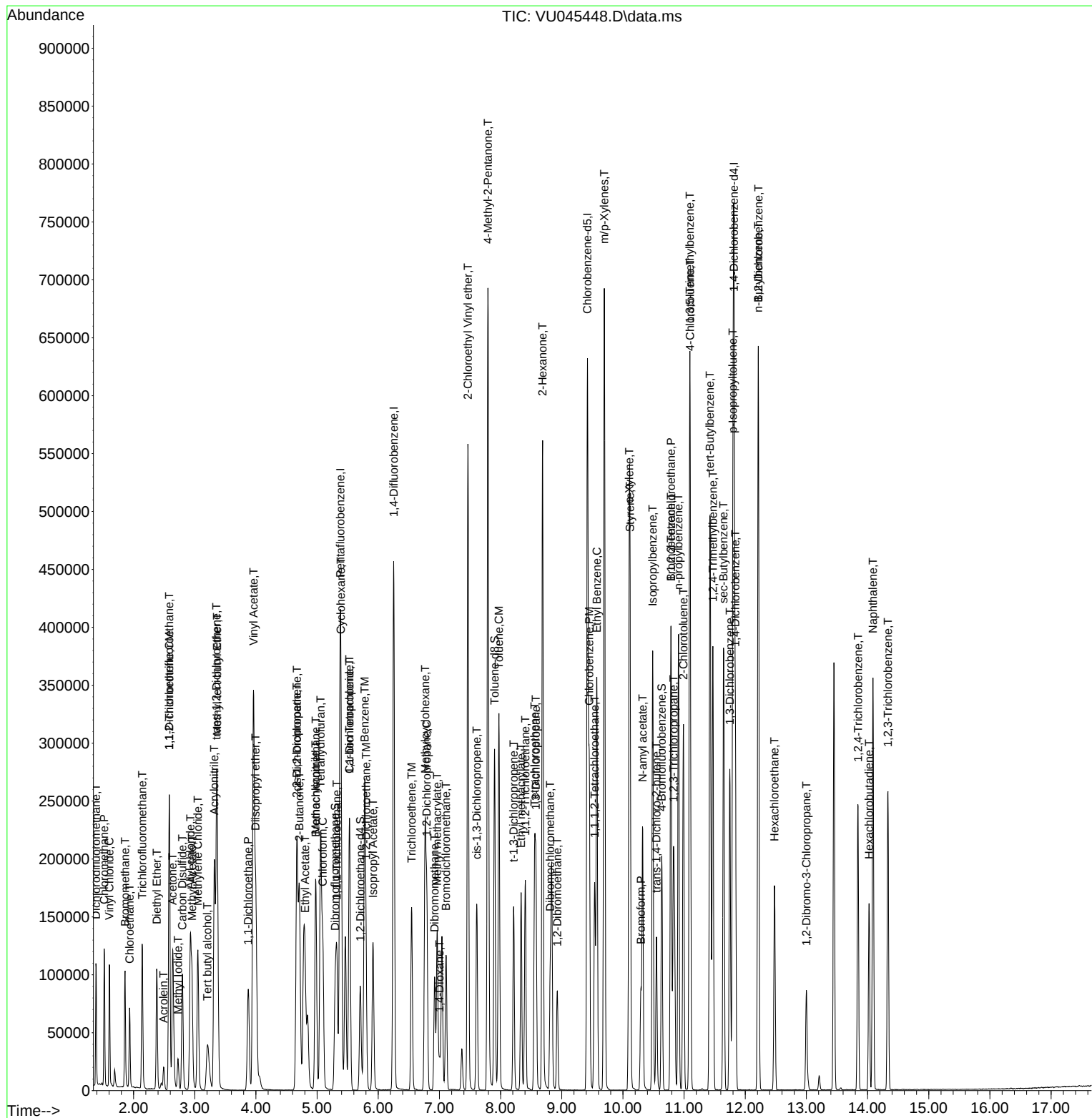
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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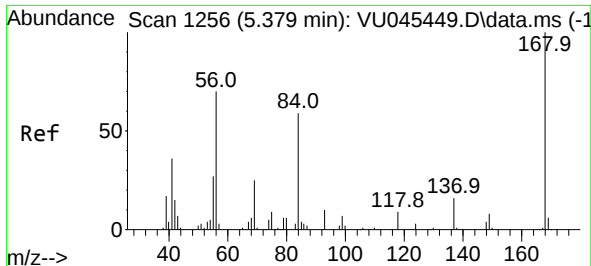
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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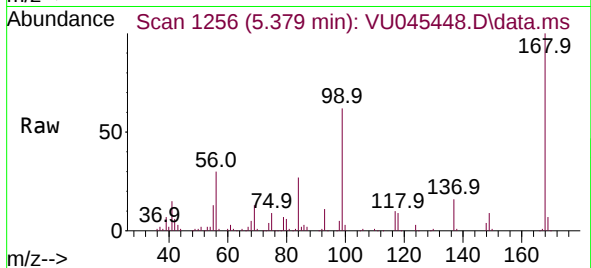
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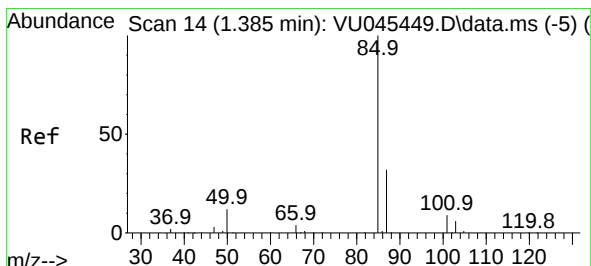
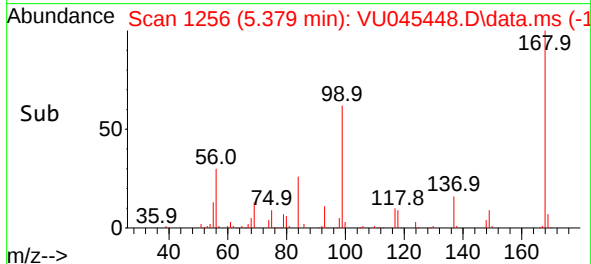
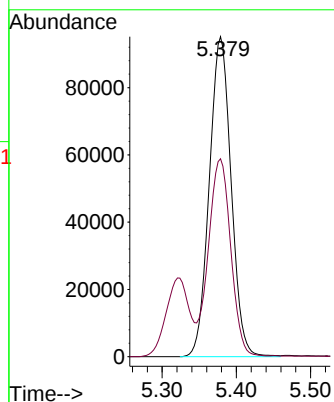


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045448.D
Acq: 28 Oct 2021 20:03

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ClientSampleId :

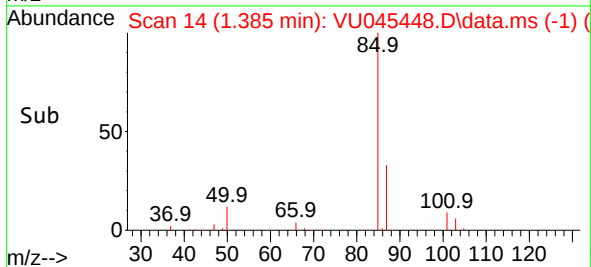
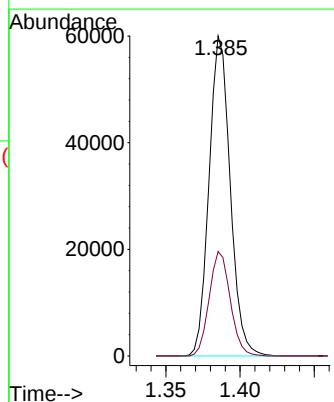
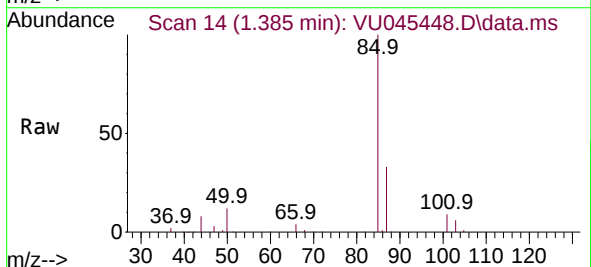


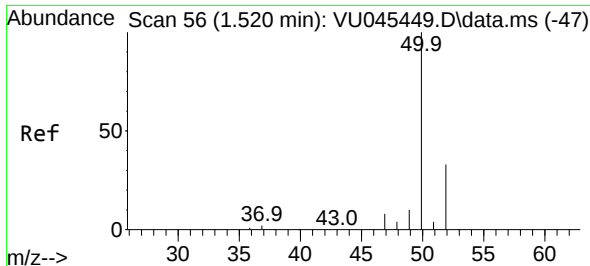
Tgt Ion:168 Resp: 194196
Ion Ratio Lower Upper
168 100
99 61.7 51.0 76.6



#2
Dichlorodifluoromethane
Concen: 24.268 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045448.D
Acq: 28 Oct 2021 20:03

Tgt Ion: 85 Resp: 59400
Ion Ratio Lower Upper
85 100
87 32.6 15.9 47.7

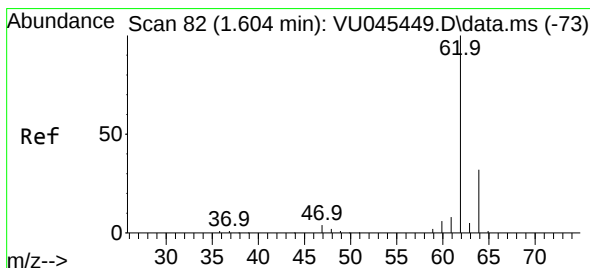
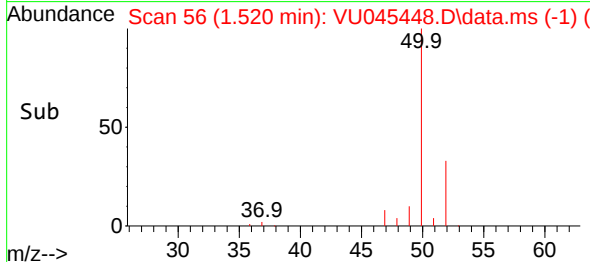
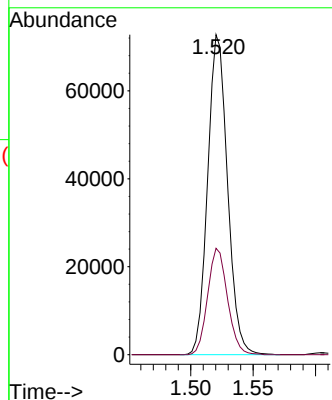
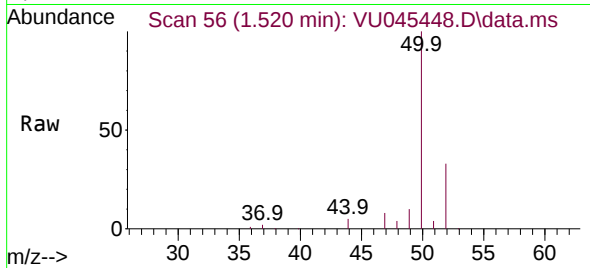




#3
Chloromethane
Concen: 24.894 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU045448.D
Acq: 28 Oct 2021 20:03

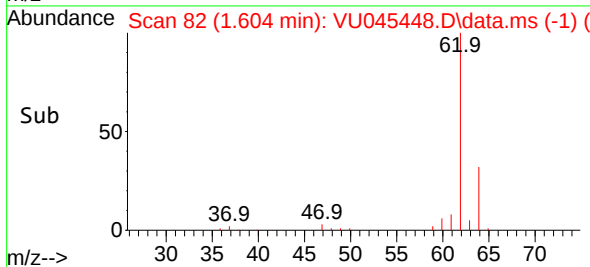
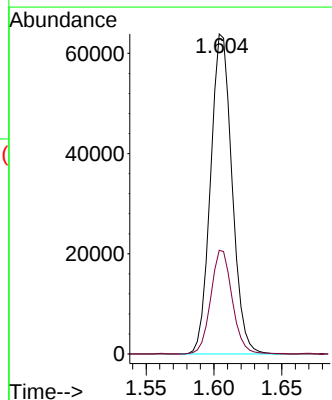
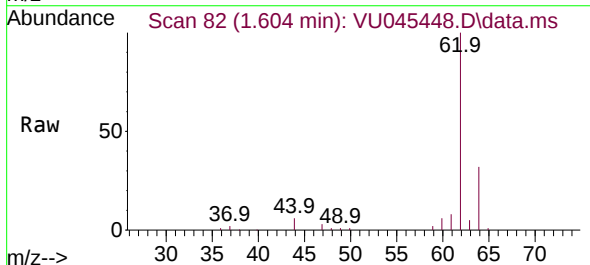
Instrument :
MSVOA_U
ClientSampleId :

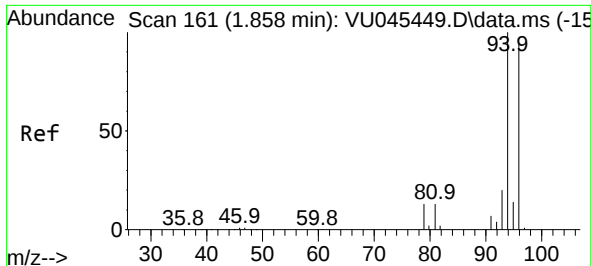
Tgt Ion: 50 Resp: 80618
Ion Ratio Lower Upper
50 100
52 33.2 26.6 40.0



#4
Vinyl Chloride
Concen: 22.600 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU045448.D
Acq: 28 Oct 2021 20:03

Tgt Ion: 62 Resp: 70470
Ion Ratio Lower Upper
62 100
64 32.4 25.8 38.6

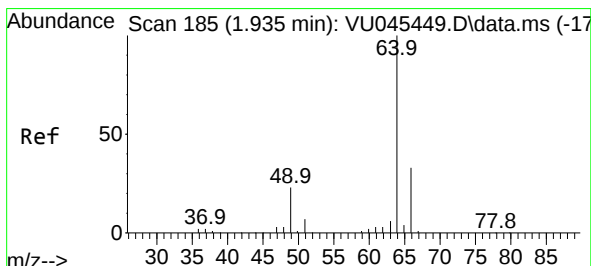
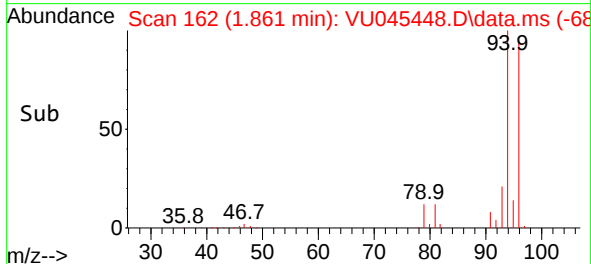
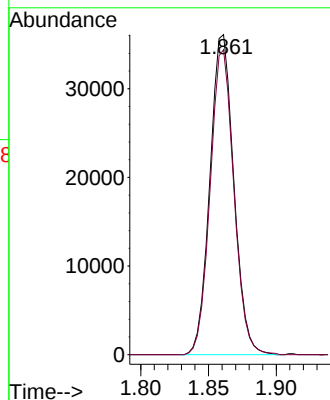
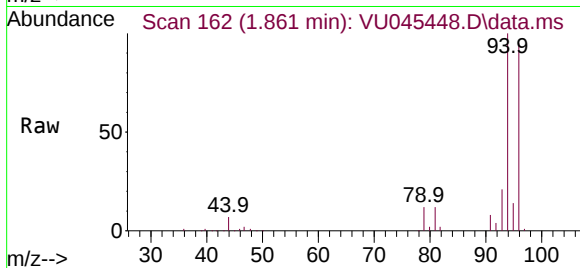




#5
Bromomethane
Concen: 32.424 ug/l
RT: 1.861 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU045448.D
Acq: 28 Oct 2021 20:03

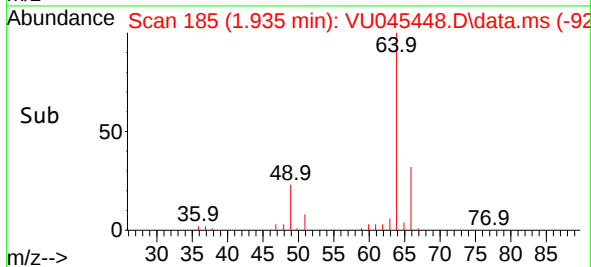
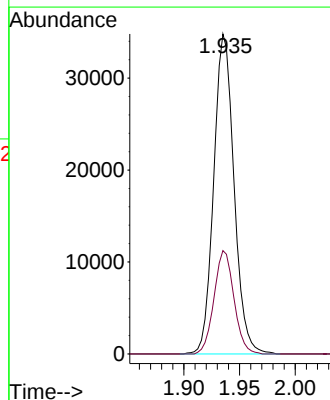
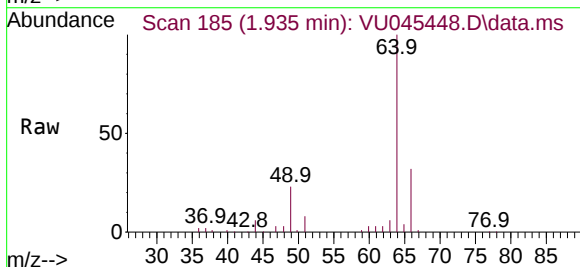
Instrument :
MSVOA_U
ClientSampleId :

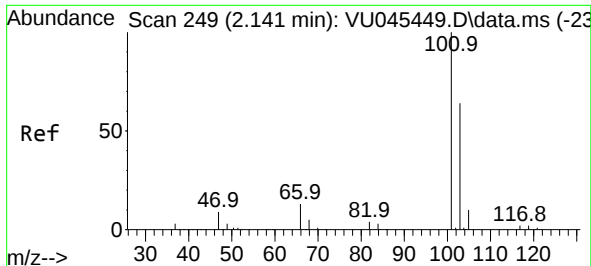
Tgt Ion: 94 Resp: 44237
Ion Ratio Lower Upper
94 100
96 95.3 75.4 113.2



#6
Chloroethane
Concen: 19.090 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU045448.D
Acq: 28 Oct 2021 20:03

Tgt Ion: 64 Resp: 44110
Ion Ratio Lower Upper
64 100
66 32.3 26.7 40.1

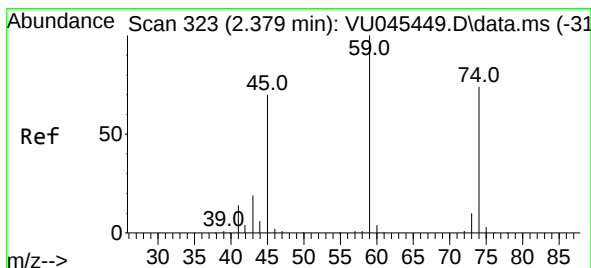
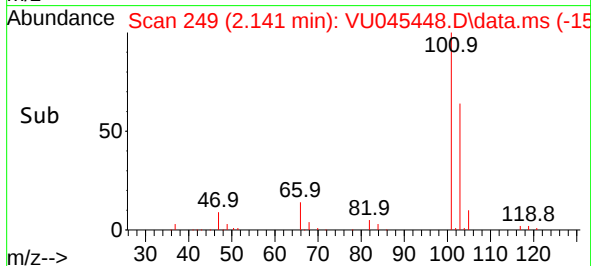
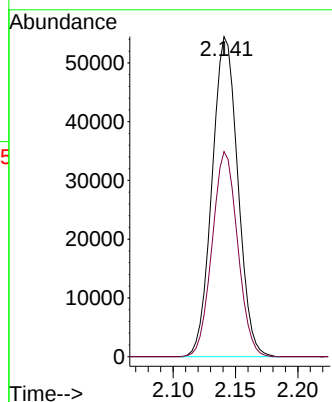
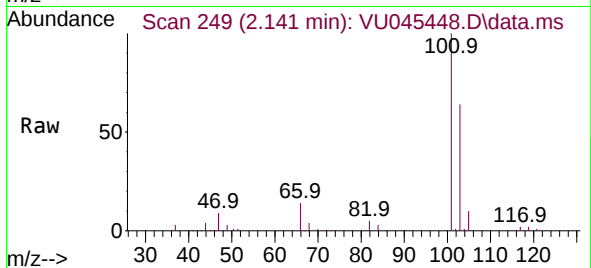




#7
 Trichlorofluoromethane
 Concen: 19.571 ug/l
 RT: 2.141 min Scan# 249
 Delta R.T. 0.000 min
 Lab File: VU045448.D
 Acq: 28 Oct 2021 20:03

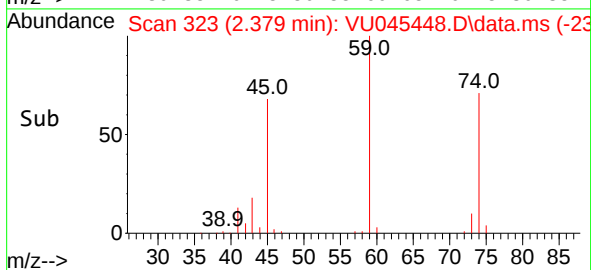
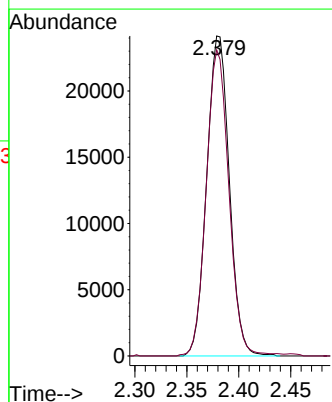
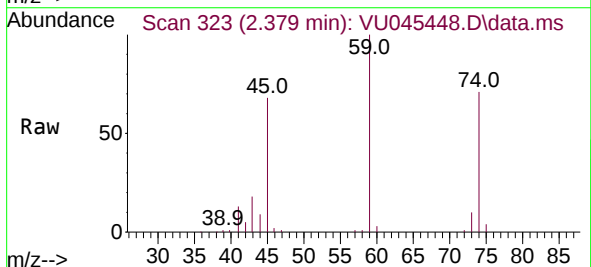
Instrument :
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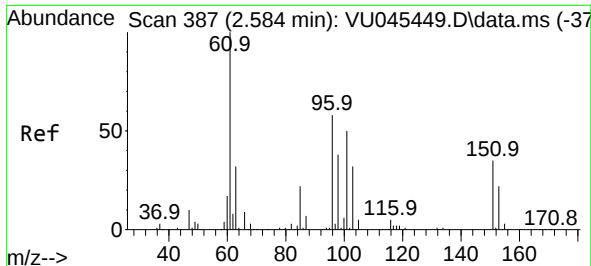
Tgt Ion:101 Resp: 78554
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.4 77.0



#8
 Diethyl Ether
 Concen: 19.785 ug/l
 RT: 2.379 min Scan# 323
 Delta R.T. 0.000 min
 Lab File: VU045448.D
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Tgt Ion: 74 Resp: 36501
 Ion Ratio Lower Upper
 74 100
 45 95.9 47.3 141.8

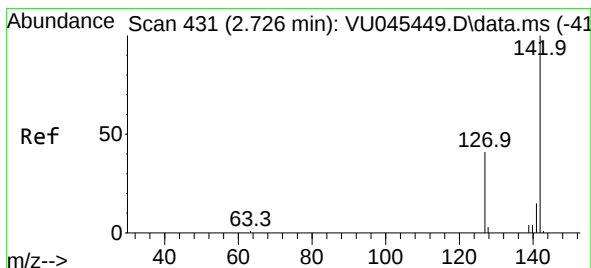
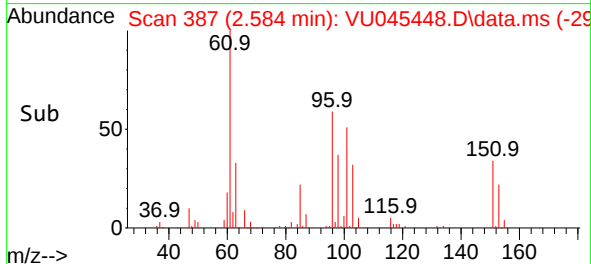
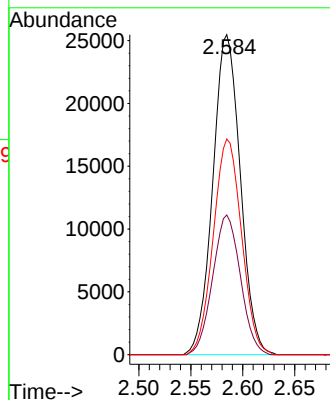
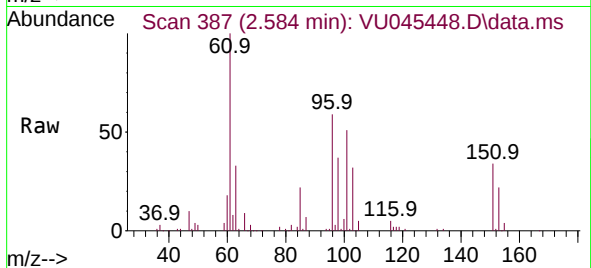




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.385 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU045448.D
Acq: 28 Oct 2021 20:03

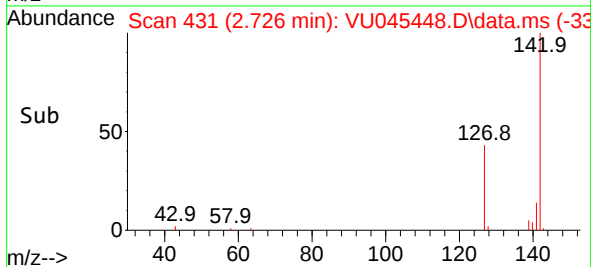
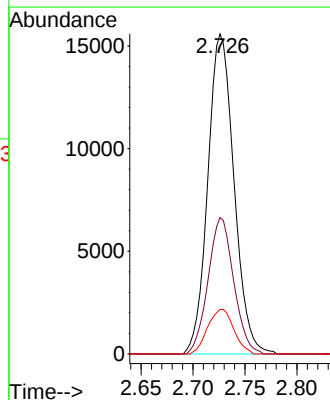
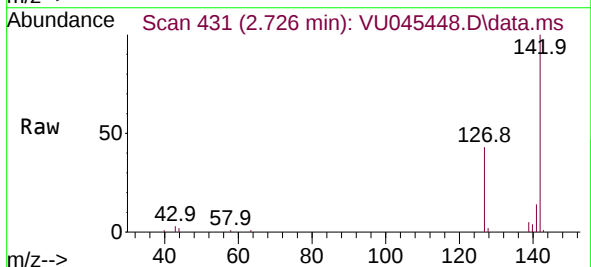
Instrument :
MSVOA_U
ClientSampleId :

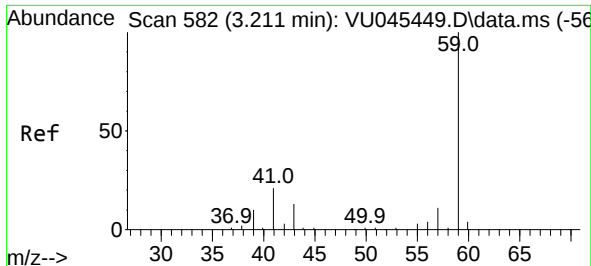
Tgt Ion:101 Resp: 46967
Ion Ratio Lower Upper
101 100
85 44.0 35.0 52.4
151 69.2 54.6 82.0



#10
Methyl Iodide
Concen: 11.990 ug/l
RT: 2.726 min Scan# 431
Delta R.T. 0.000 min
Lab File: VU045448.D
Acq: 28 Oct 2021 20:03

Tgt Ion:142 Resp: 27313
Ion Ratio Lower Upper
142 100
127 41.6 32.2 48.2
141 13.9 11.3 16.9

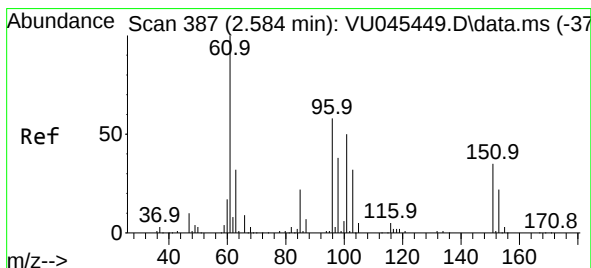
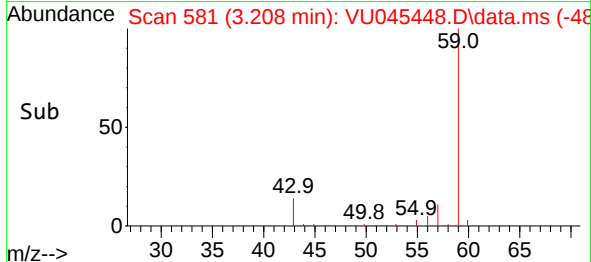
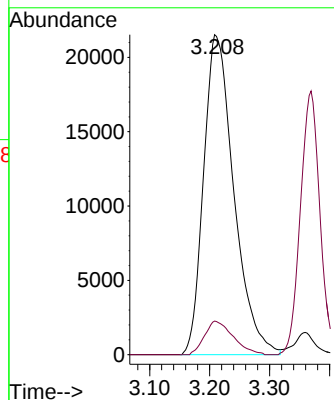
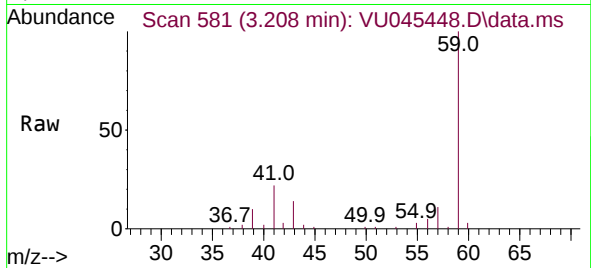




#11
Tert butyl alcohol
Concen: 85.917 ug/l
RT: 3.208 min Scan# 581
Delta R.T. -0.003 min
Lab File: VU045448.D
Acq: 28 Oct 2021 20:03

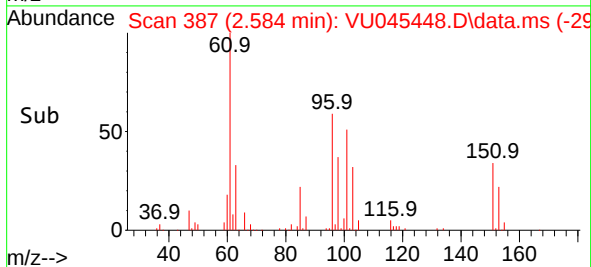
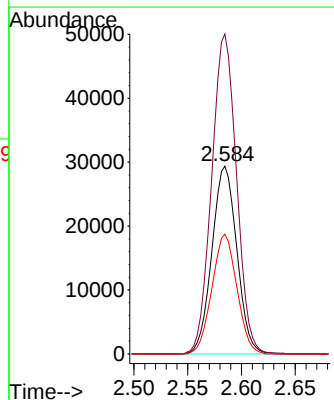
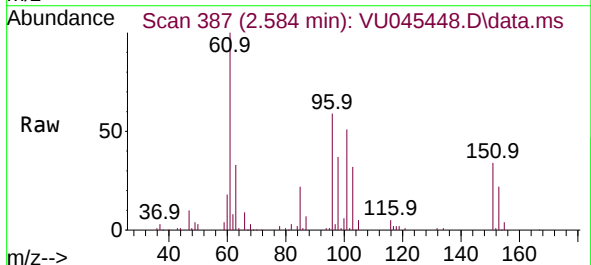
Instrument :
MSVOA_U
ClientSampleId :

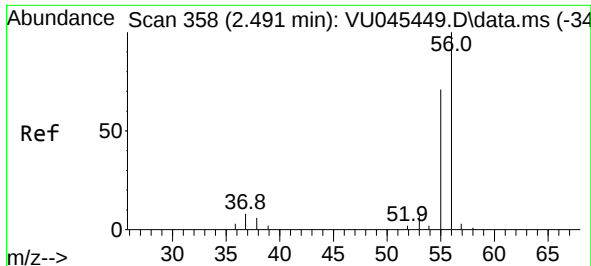
Tgt Ion: 59 Resp: 75564
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5



#12
1,1-Dichloroethene
Concen: 20.819 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU045448.D
Acq: 28 Oct 2021 20:03

Tgt Ion: 96 Resp: 47391
Ion Ratio Lower Upper
96 100
61 170.3 137.1 205.7
98 63.8 51.5 77.3

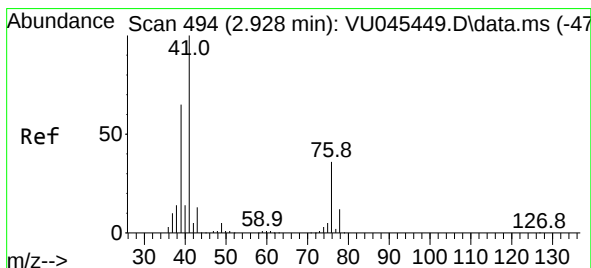
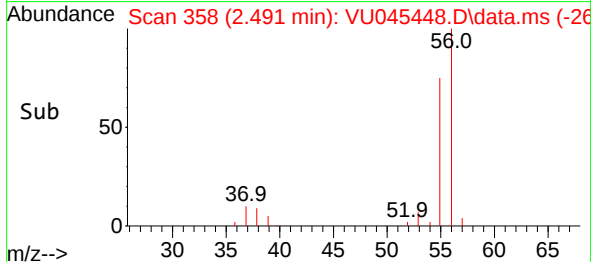
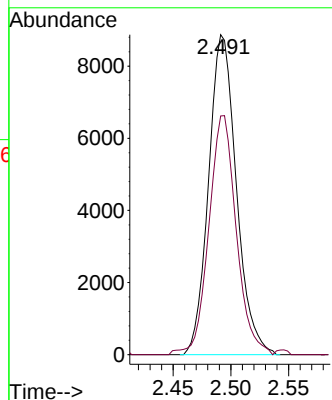
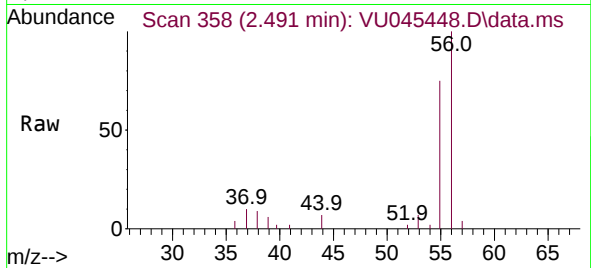




#13
Acrolein
Concen: 75.837 ug/l
RT: 2.491 min Scan# 358
Delta R.T. 0.000 min
Lab File: VU045448.D
Acq: 28 Oct 2021 20:03

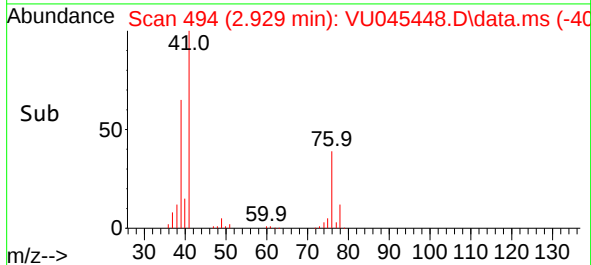
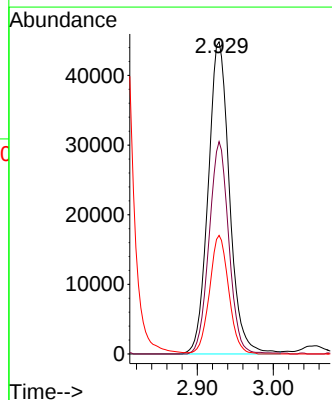
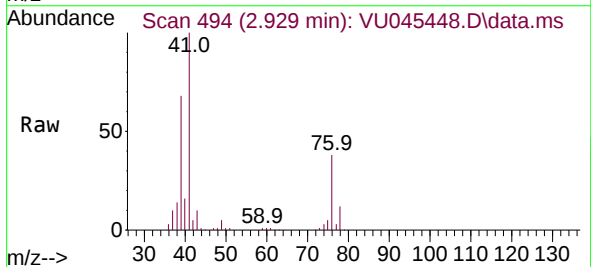
Instrument :
MSVOA_U
ClientSampleId :

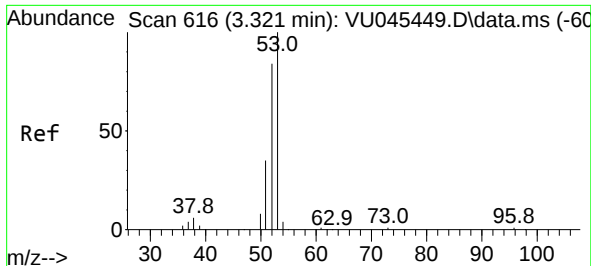
Tgt Ion: 56 Resp: 14847
Ion Ratio Lower Upper
56 100
55 73.8 56.3 84.5



#14
Allyl chloride
Concen: 20.739 ug/l
RT: 2.929 min Scan# 494
Delta R.T. 0.000 min
Lab File: VU045448.D
Acq: 28 Oct 2021 20:03

Tgt Ion: 41 Resp: 87520
Ion Ratio Lower Upper
41 100
39 62.8 49.7 74.5
76 34.1 27.7 41.5

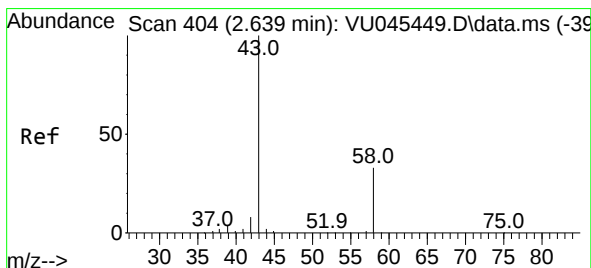
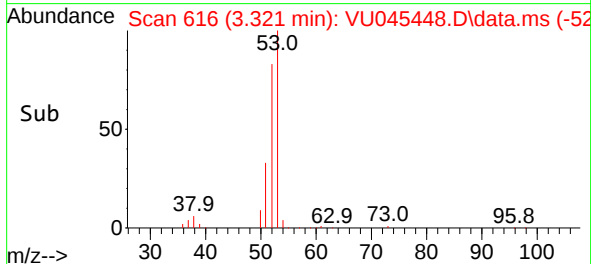
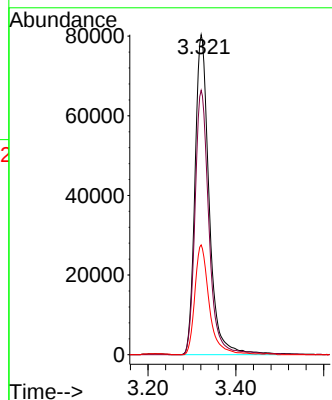
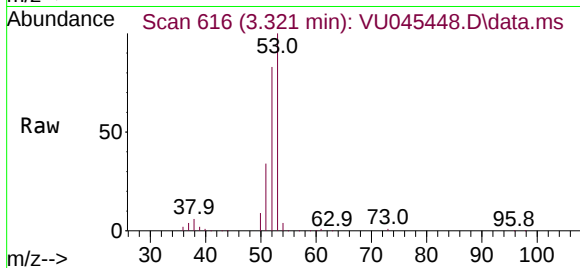




#15
Acrylonitrile
Concen: 98.488 ug/l
RT: 3.321 min Scan# 616
Delta R.T. 0.000 min
Lab File: VU045448.D
Acq: 28 Oct 2021 20:03

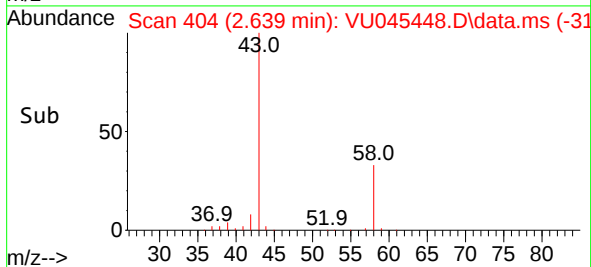
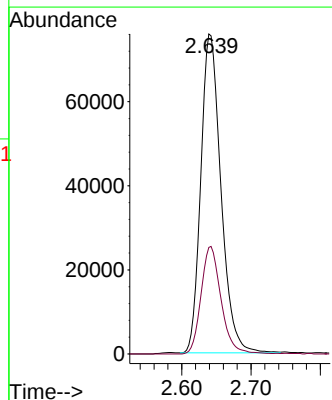
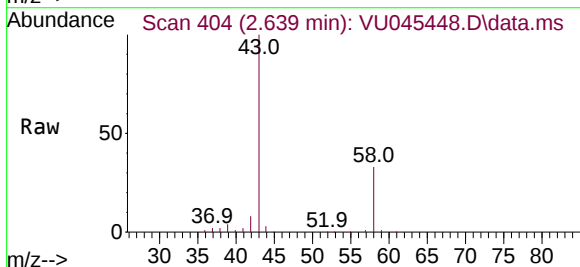
Instrument :
MSVOA_U
ClientSampleId :

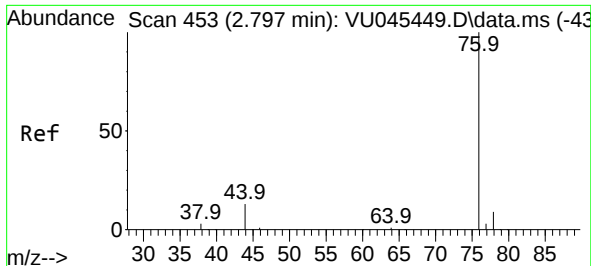
Tgt Ion: 53 Resp: 180070
Ion Ratio Lower Upper
53 100
52 80.9 66.6 100.0
51 34.9 28.4 42.6



#16
Acetone
Concen: 83.986 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.000 min
Lab File: VU045448.D
Acq: 28 Oct 2021 20:03

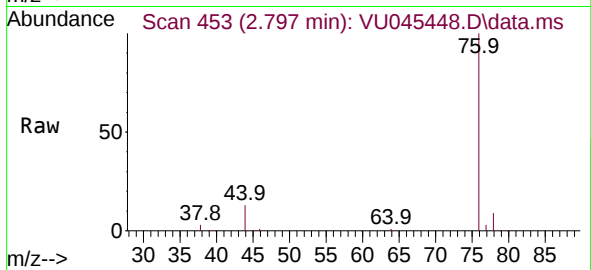
Tgt Ion: 43 Resp: 153342
Ion Ratio Lower Upper
43 100
58 33.4 26.2 39.2



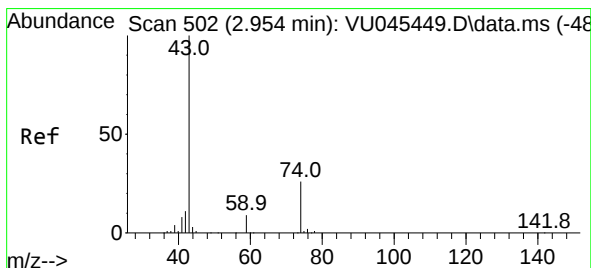
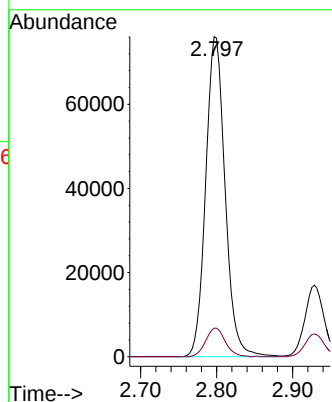
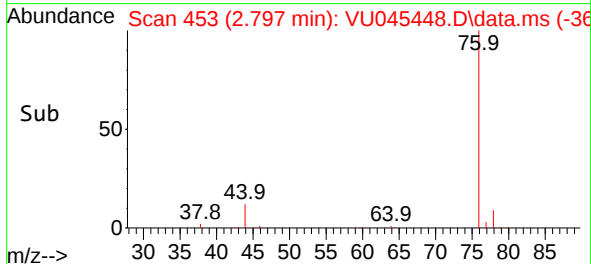


#17
Carbon Disulfide
Concen: 20.024 ug/l
RT: 2.797 min Scan# 453
Delta R.T. 0.000 min
Lab File: VU045448.D
Acq: 28 Oct 2021 20:03

Instrument :
MSVOA_U
ClientSampleId :

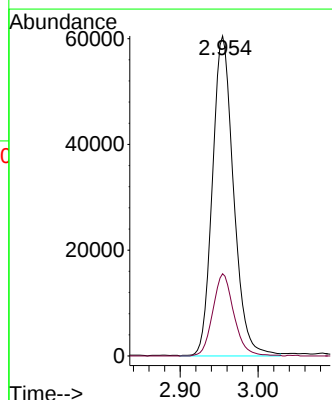
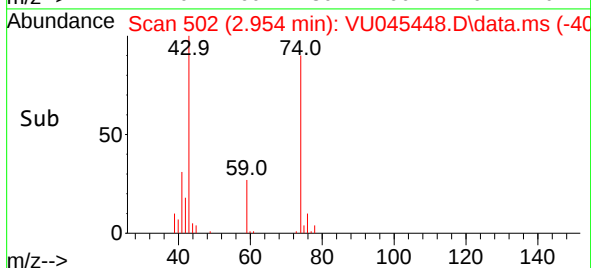
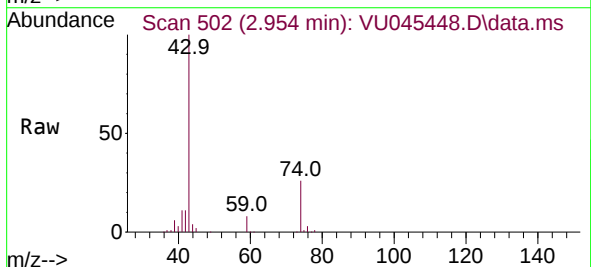


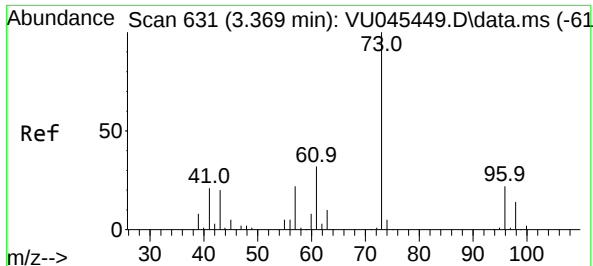
Tgt Ion: 76 Resp: 134803
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 20.604 ug/l
RT: 2.954 min Scan# 502
Delta R.T. 0.000 min
Lab File: VU045448.D
Acq: 28 Oct 2021 20:03

Tgt Ion: 43 Resp: 114117
Ion Ratio Lower Upper
43 100
74 25.6 20.2 30.2





#19

Methyl tert-butyl Ether

Concen: 20.158 ug/l

RT: 3.366 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU045448.D

Acq: 28 Oct 2021 20:03

Instrument :

MSVOA_U

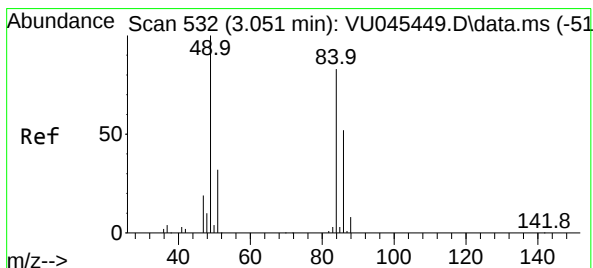
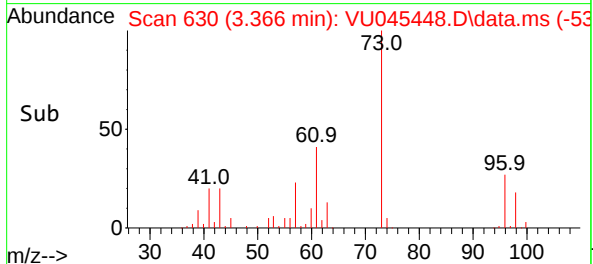
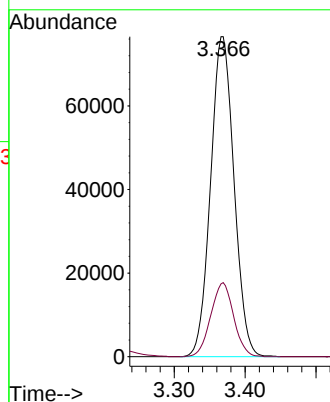
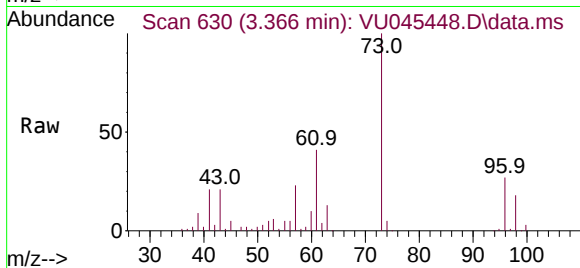
ClientSampleId :

Tgt Ion: 73 Resp: 175902

Ion Ratio Lower Upper

73 100

57 22.8 18.1 27.1



#20

Methylene Chloride

Concen: 20.372 ug/l

RT: 3.051 min Scan# 532

Delta R.T. 0.000 min

Lab File: VU045448.D

Acq: 28 Oct 2021 20:03

Tgt Ion: 84 Resp: 58248

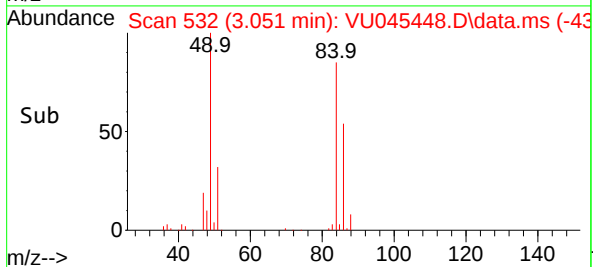
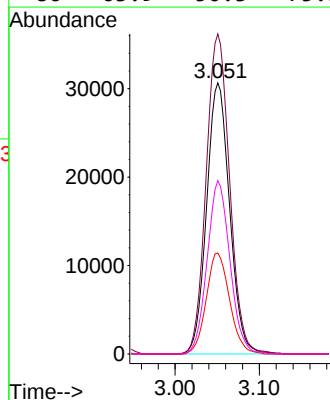
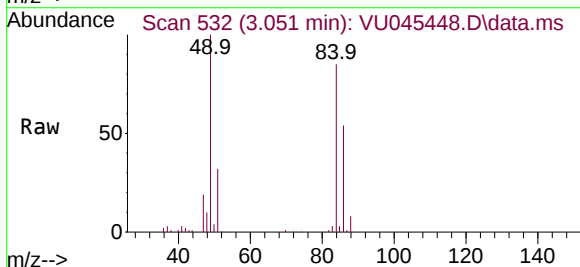
Ion Ratio Lower Upper

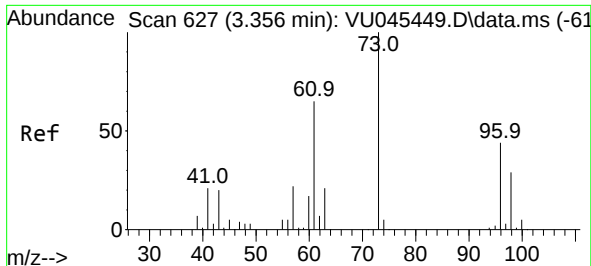
84 100

49 118.0 96.4 144.6

51 37.2 30.5 45.7

86 63.9 50.3 75.5

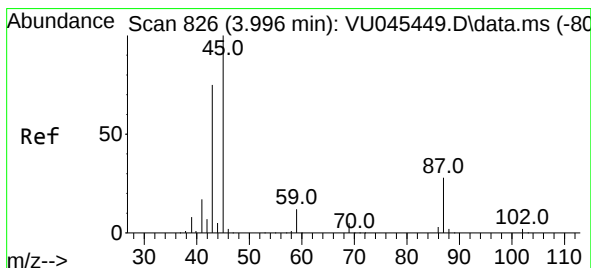
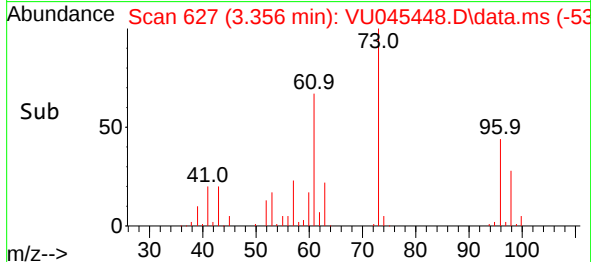
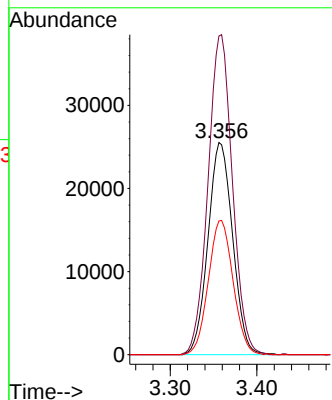
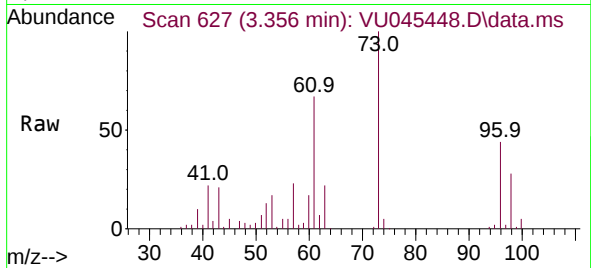




#21
trans-1,2-Dichloroethene
Concen: 20.307 ug/l
RT: 3.356 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU045448.D
Acq: 28 Oct 2021 20:03

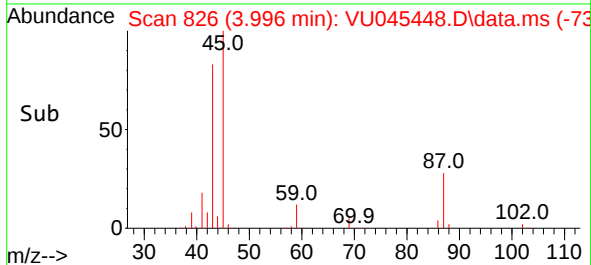
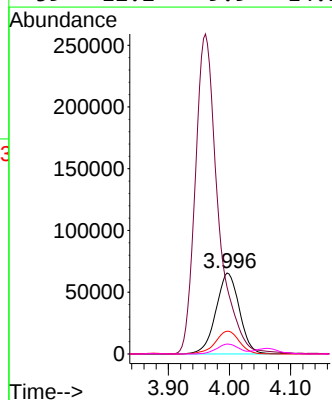
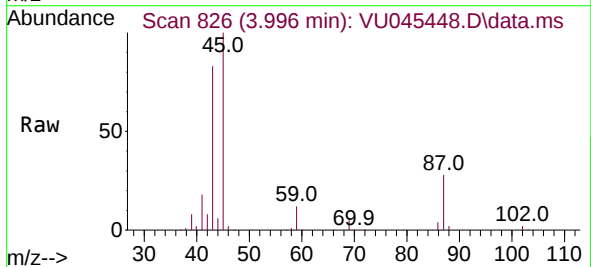
Instrument :
MSVOA_U
ClientSampleId :

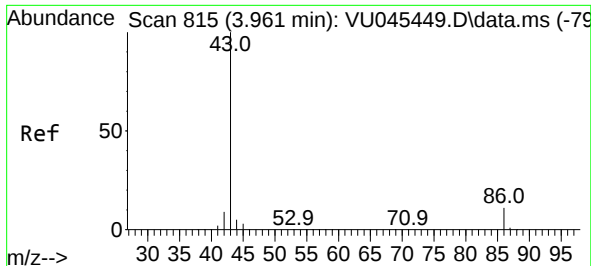
Tgt Ion: 96 Resp: 50554
Ion Ratio Lower Upper
96 100
61 150.3 118.2 177.4
98 63.1 52.1 78.1



#22
Diisopropyl ether
Concen: 20.371 ug/l
RT: 3.996 min Scan# 826
Delta R.T. 0.000 min
Lab File: VU045448.D
Acq: 28 Oct 2021 20:03

Tgt Ion: 45 Resp: 174802
Ion Ratio Lower Upper
45 100
43 80.6 60.0 90.0
87 28.2 22.3 33.5
59 12.2 9.9 14.9

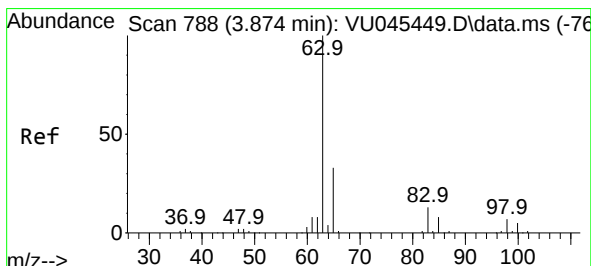
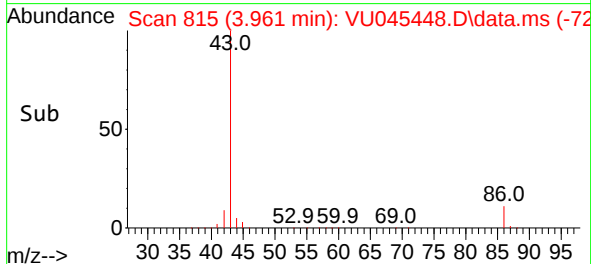
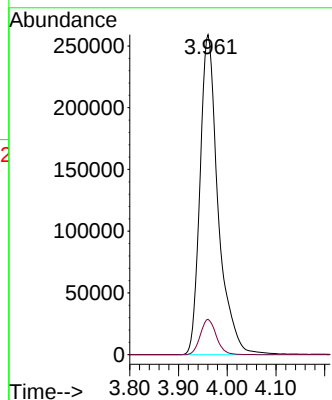
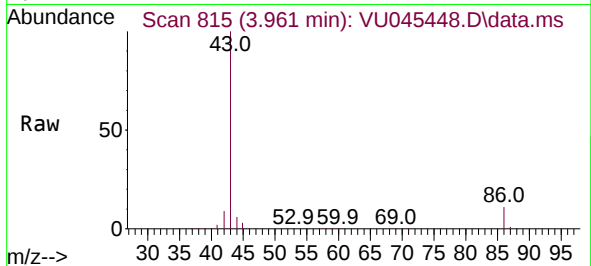




#23
 Vinyl Acetate
 Concen: 97.280 ug/l
 RT: 3.961 min Scan# 815
 Delta R.T. 0.000 min
 Lab File: VU045448.D
 Acq: 28 Oct 2021 20:03

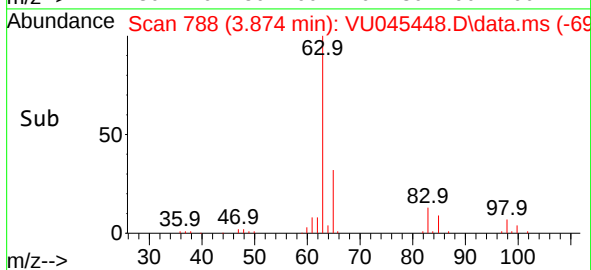
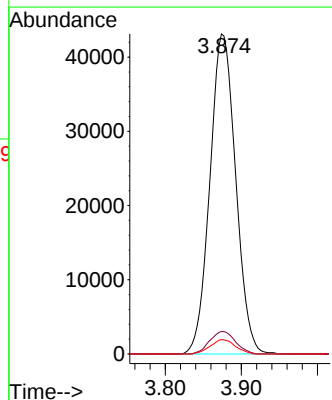
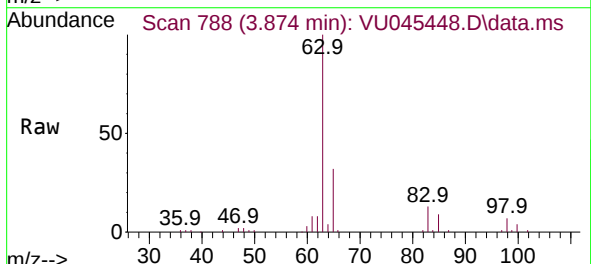
Instrument :
 MSVOA_U
 ClientSampleId :

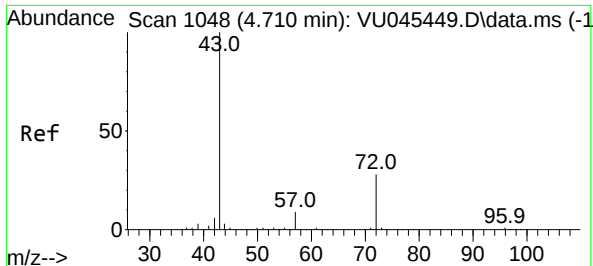
Tgt Ion: 43 Resp: 671260
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 20.588 ug/l
 RT: 3.874 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VU045448.D
 Acq: 28 Oct 2021 20:03

Tgt Ion: 63 Resp: 101502
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.6
 100 4.5 2.4 7.2





#25

2-Butanone

Concen: 90.943 ug/l

RT: 4.710 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VU045448.D

Acq: 28 Oct 2021 20:03

Instrument :

MSVOA_U

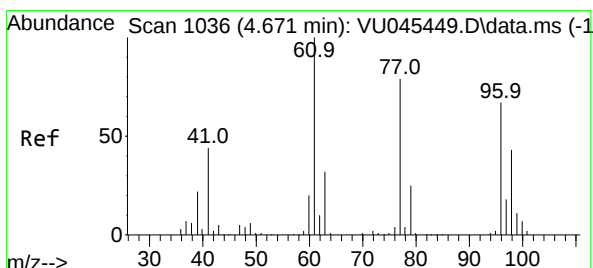
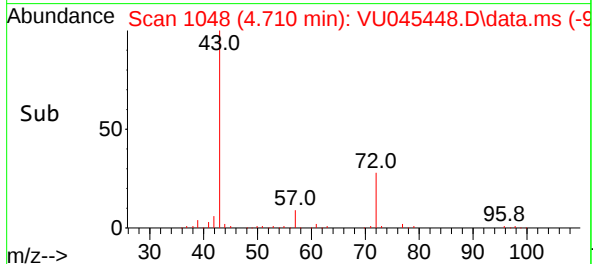
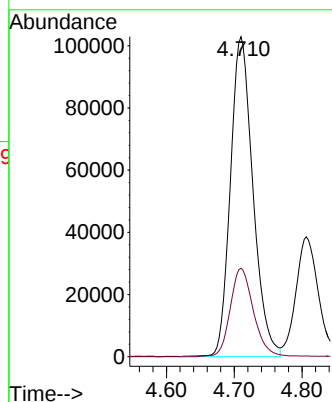
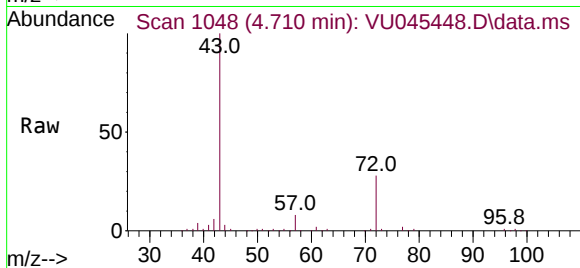
ClientSampleId :

Tgt Ion: 43 Resp: 238162

Ion Ratio Lower Upper

43 100

72 27.7 22.0 33.0



#26

2,2-Dichloropropane

Concen: 18.755 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU045448.D

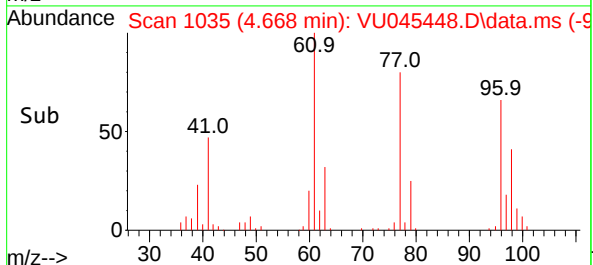
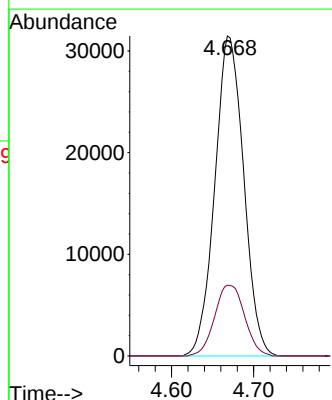
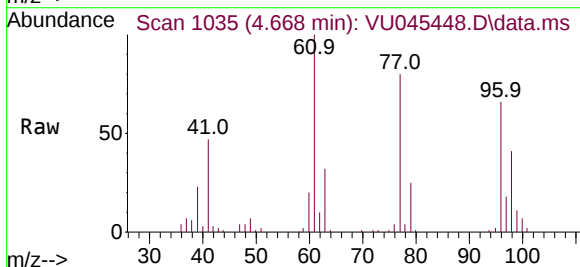
Acq: 28 Oct 2021 20:03

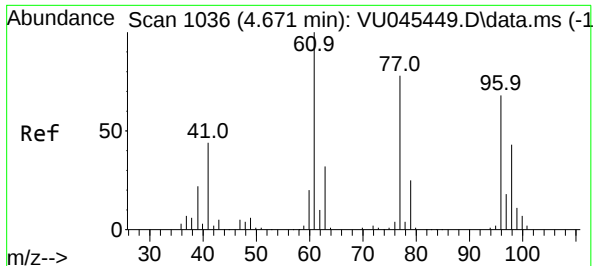
Tgt Ion: 77 Resp: 76884

Ion Ratio Lower Upper

77 100

97 23.0 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 20.350 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU045448.D

Acq: 28 Oct 2021 20:03

Instrument :

MSVOA_U

ClientSampleId :

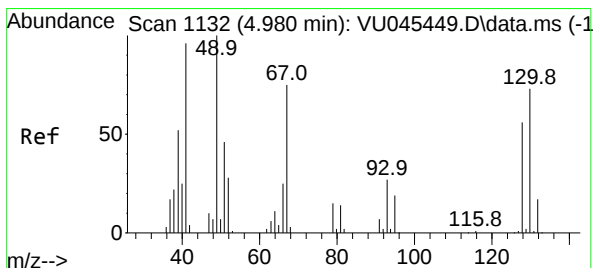
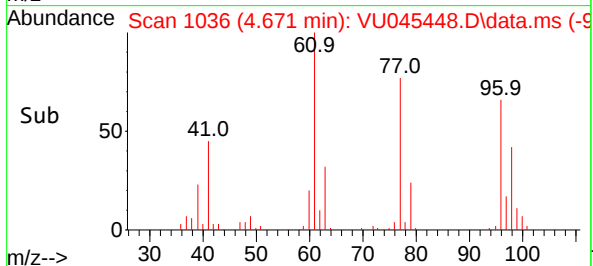
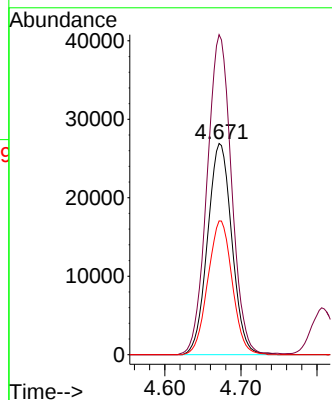
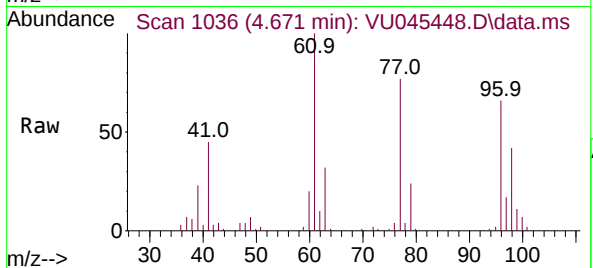
Tgt Ion: 96 Resp: 59747

Ion Ratio Lower Upper

96 100

61 152.5 0.0 299.2

98 63.4 0.0 127.6



#28

Bromochloromethane

Concen: 24.369 ug/l

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU045448.D

Acq: 28 Oct 2021 20:03

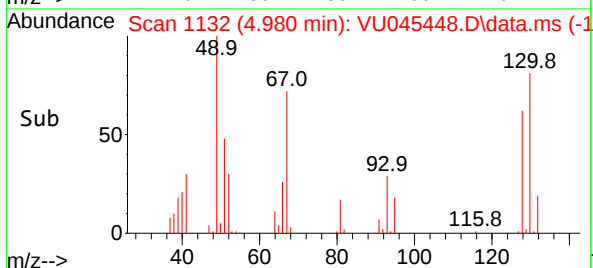
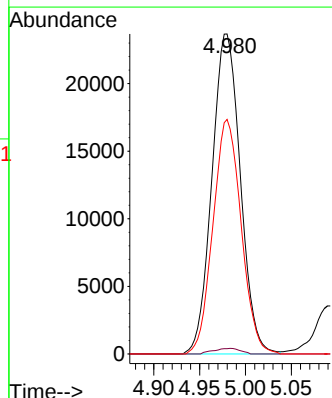
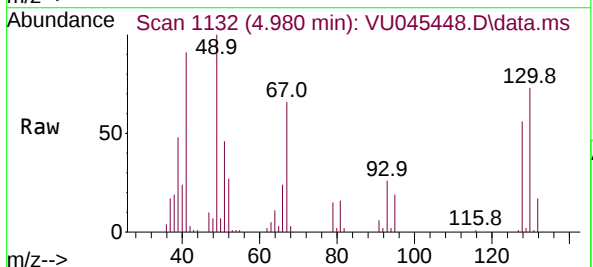
Tgt Ion: 49 Resp: 51044

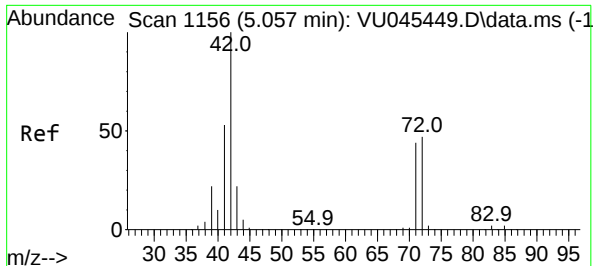
Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.4

130 72.6 57.5 86.3





#29

Tetrahydrofuran

Concen: 96.078 ug/l

RT: 5.057 min Scan# 1156

Delta R.T. 0.000 min

Lab File: VU045448.D

Acq: 28 Oct 2021 20:03

Instrument :

MSVOA_U

ClientSampleId :

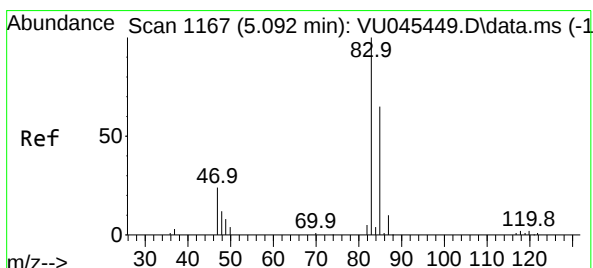
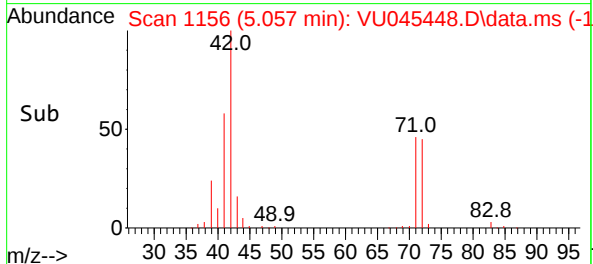
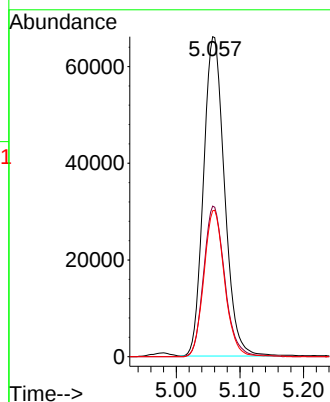
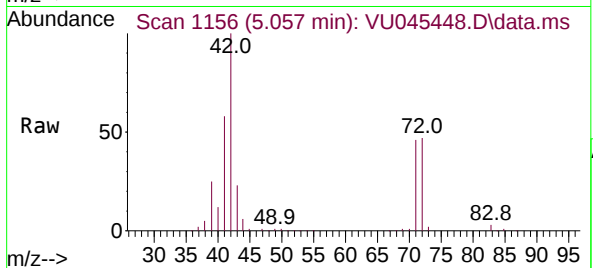
Tgt Ion: 42 Resp: 151636

Ion Ratio Lower Upper

42 100

72 47.0 38.2 57.4

71 44.9 35.4 53.2



#30

Chloroform

Concen: 19.792 ug/l

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU045448.D

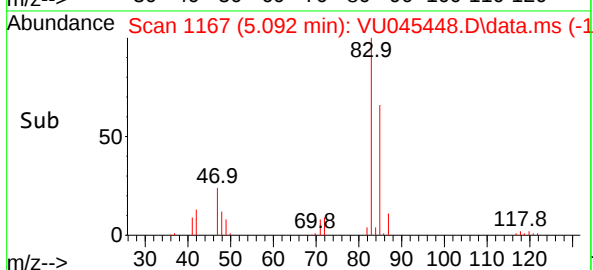
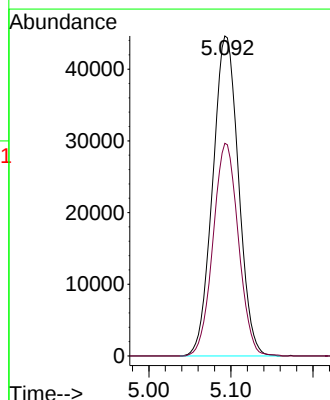
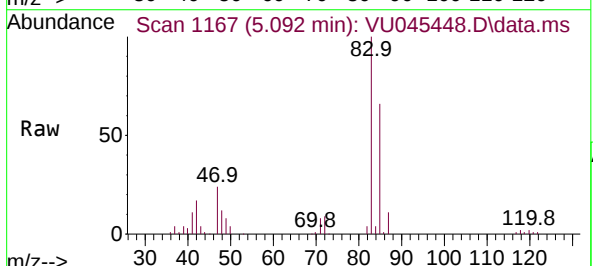
Acq: 28 Oct 2021 20:03

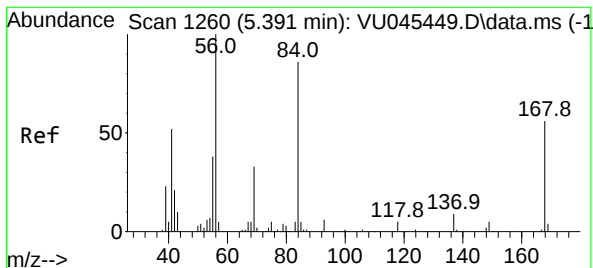
Tgt Ion: 83 Resp: 97591

Ion Ratio Lower Upper

83 100

85 66.5 52.0 78.0





#31

Cyclohexane

Concen: 20.492 ug/l

RT: 5.391 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VU045448.D

Acq: 28 Oct 2021 20:03

Instrument :

MSVOA_U

ClientSampleId :

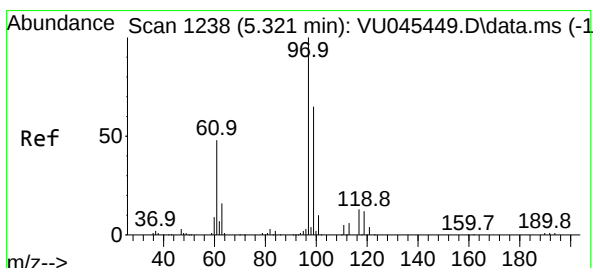
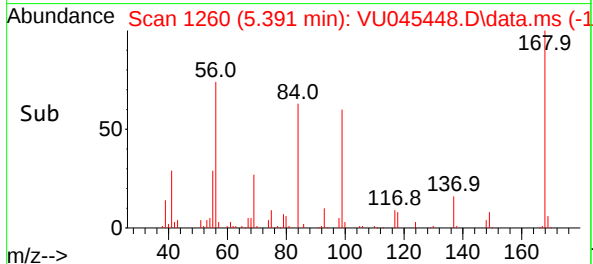
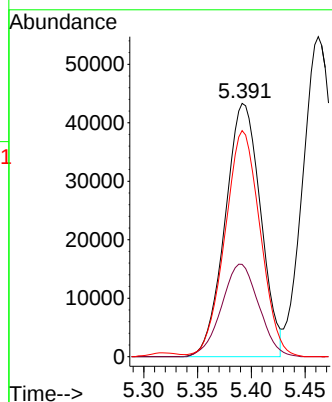
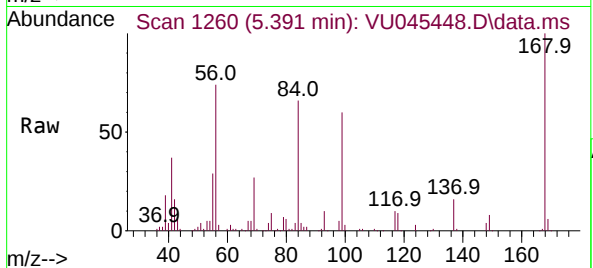
Tgt Ion: 56 Resp: 99450

Ion Ratio Lower Upper

56 100

69 36.4 26.4 39.6

84 88.3 68.4 102.6



#32

1,1,1-Trichloroethane

Concen: 19.898 ug/l

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU045448.D

Acq: 28 Oct 2021 20:03

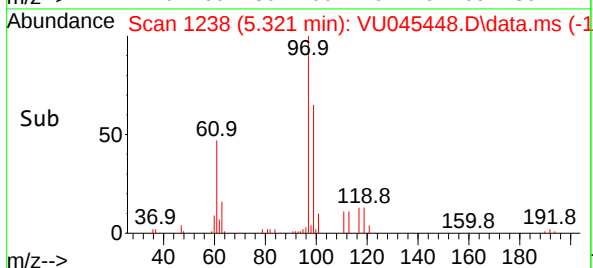
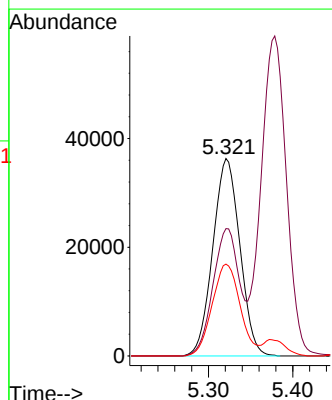
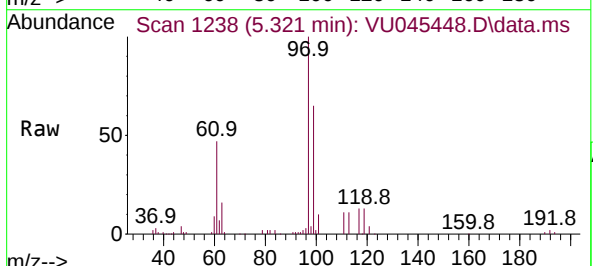
Tgt Ion: 97 Resp: 80946

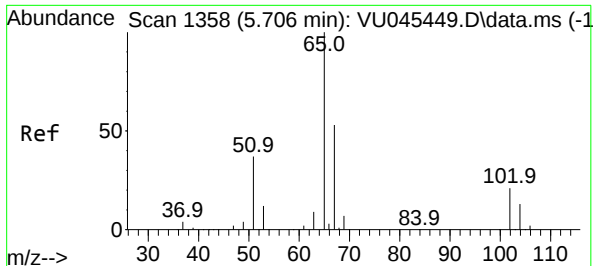
Ion Ratio Lower Upper

97 100

99 64.0 50.8 76.2

61 48.2 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 20.681 ug/l

RT: 5.707 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045448.D

Acq: 28 Oct 2021 20:03

Instrument :

MSVOA_U

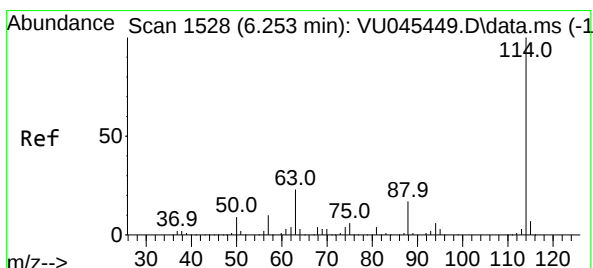
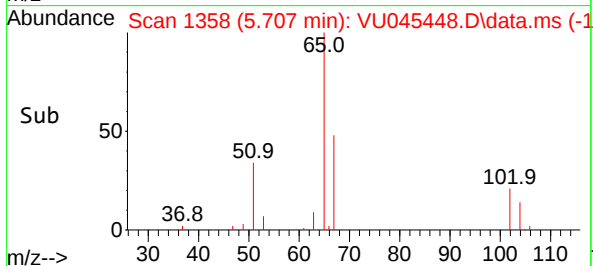
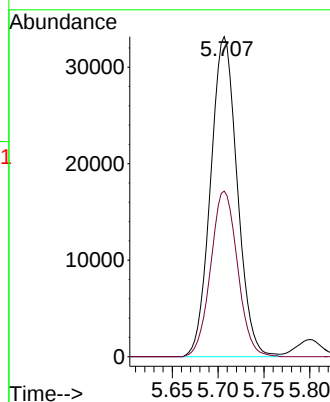
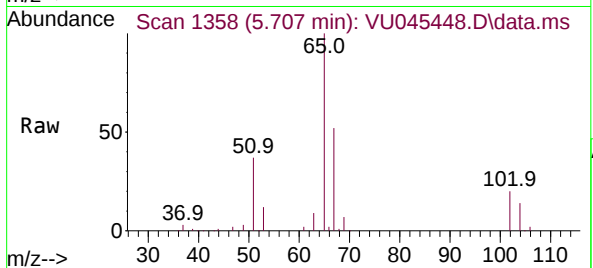
ClientSampleId :

Tgt Ion: 65 Resp: 67028

Ion Ratio Lower Upper

65 100

67 52.1 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU045448.D

Acq: 28 Oct 2021 20:03

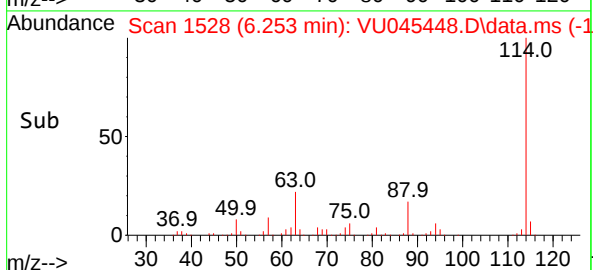
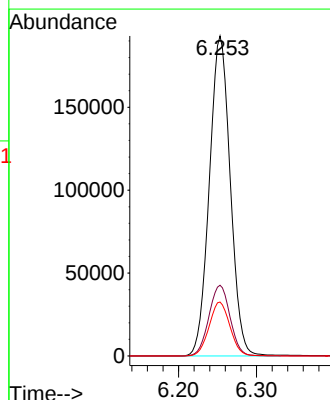
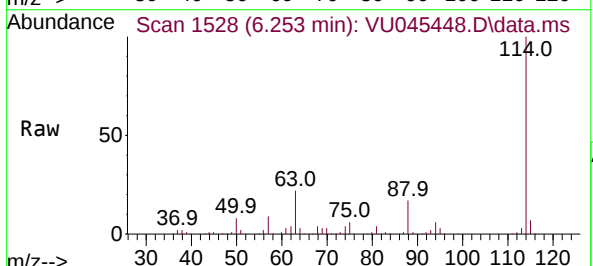
Tgt Ion: 114 Resp: 360244

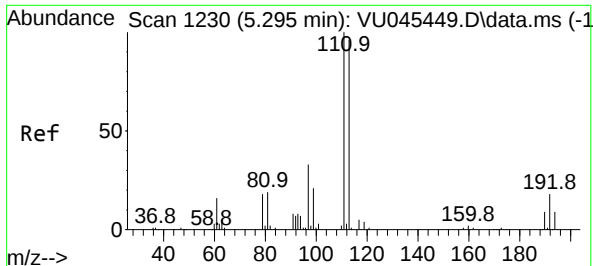
Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.6

88 16.9 0.0 33.8





#35

Dibromofluoromethane

Concen: 21.079 ug/l

RT: 5.295 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045448.D

Acq: 28 Oct 2021 20:03

Instrument :

MSVOA_U

ClientSampleId :

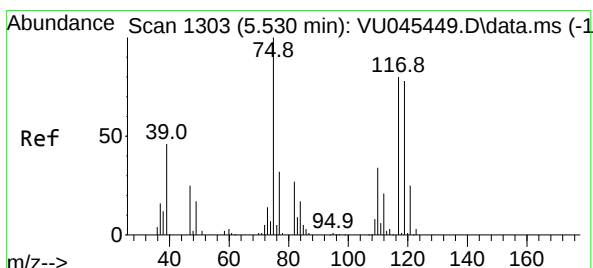
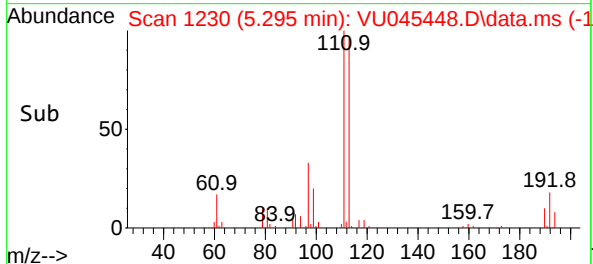
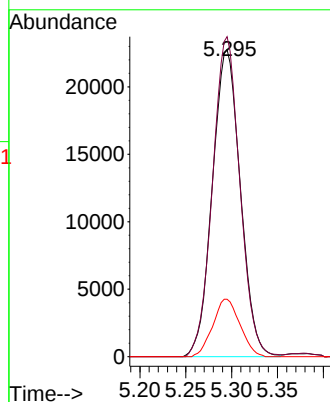
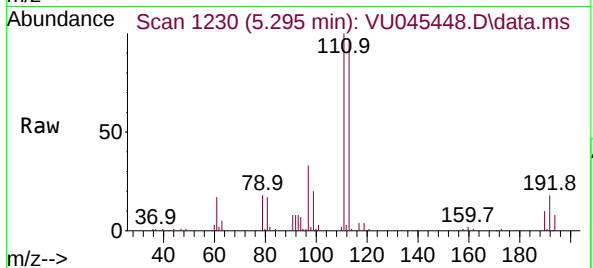
Tgt Ion:113 Resp: 48282

Ion Ratio Lower Upper

113 100

111 101.7 82.8 124.2

192 18.2 14.8 22.2



#36

1,1-Dichloropropene

Concen: 19.987 ug/l

RT: 5.530 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VU045448.D

Acq: 28 Oct 2021 20:03

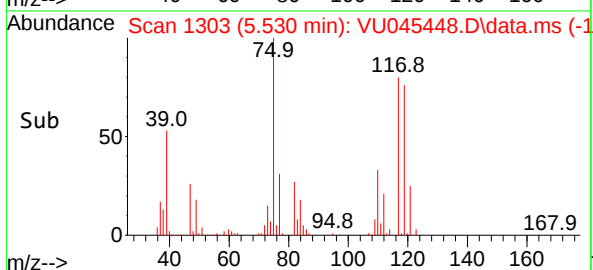
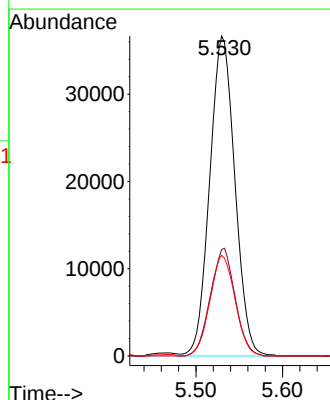
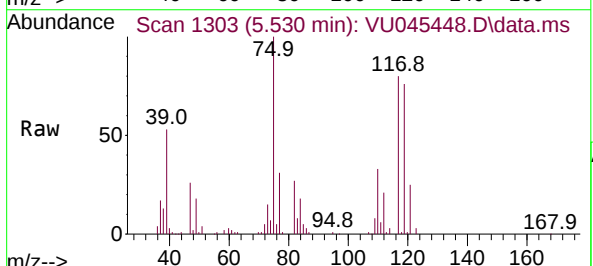
Tgt Ion: 75 Resp: 74027

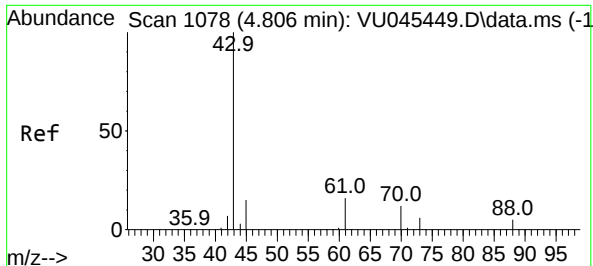
Ion Ratio Lower Upper

75 100

110 33.1 16.7 50.0

77 31.5 25.0 37.4

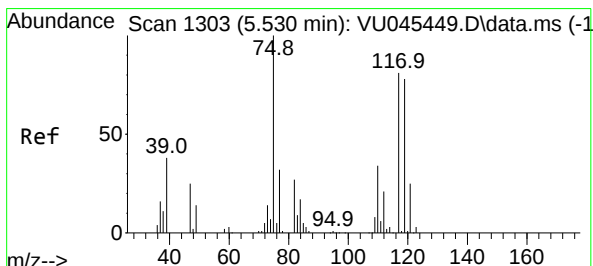
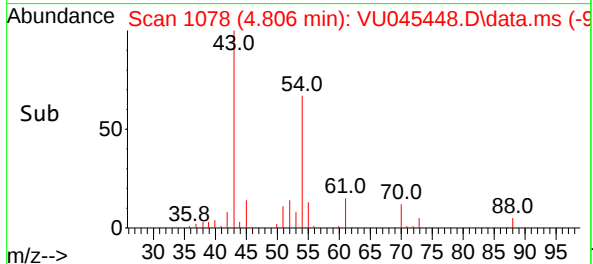
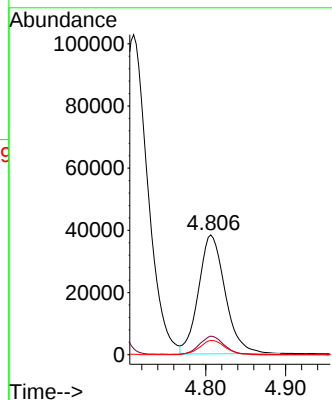
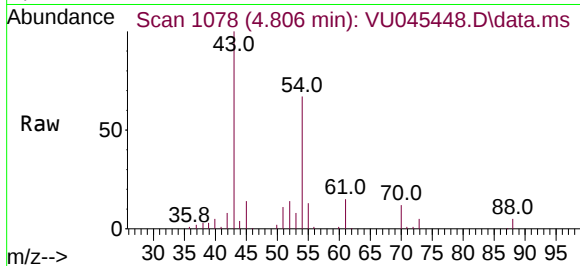




#37
Ethyl Acetate
Concen: 18.254 ug/l
RT: 4.806 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VU045448.D
Acq: 28 Oct 2021 20:03

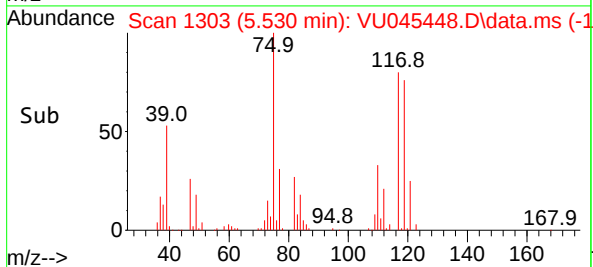
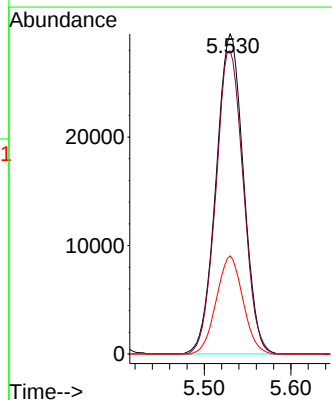
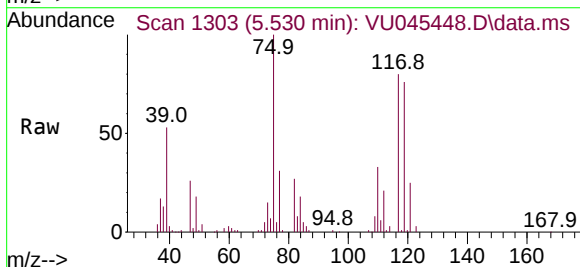
Instrument :
MSVOA_U
ClientSampleId :

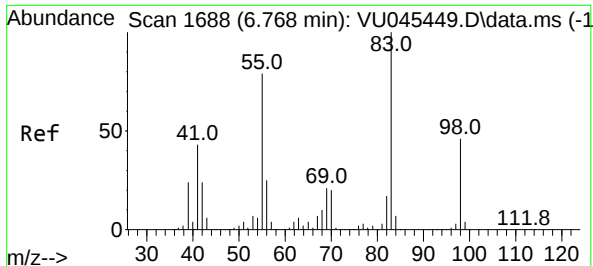
Tgt Ion: 43 Resp: 88350
Ion Ratio Lower Upper
43 100
61 14.7 11.6 17.4
70 11.4 9.1 13.7



#38
Carbon Tetrachloride
Concen: 20.308 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU045448.D
Acq: 28 Oct 2021 20:03

Tgt Ion: 117 Resp: 64872
Ion Ratio Lower Upper
117 100
119 94.8 77.4 116.0
121 30.7 24.8 37.2





#39

Methylcyclohexane

Concen: 19.872 ug/l

RT: 6.768 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045448.D

Acq: 28 Oct 2021 20:03

Instrument :

MSVOA_U

ClientSampleId :

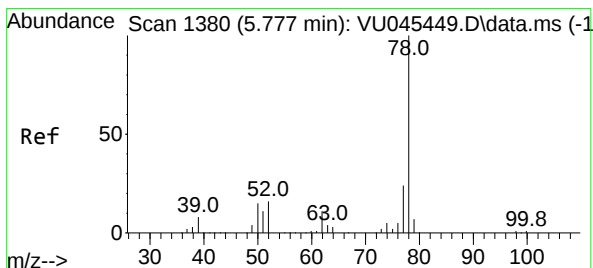
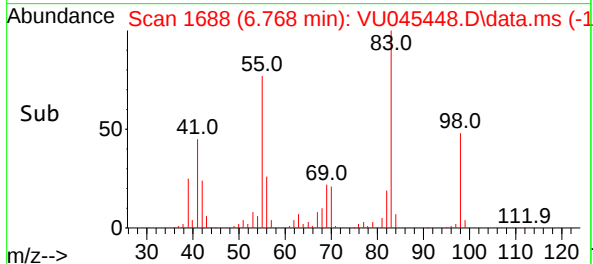
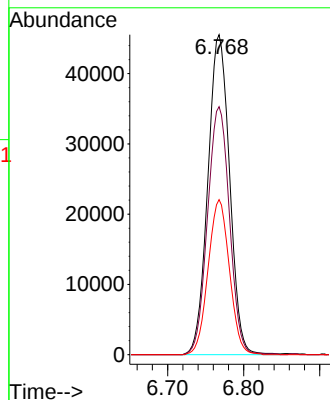
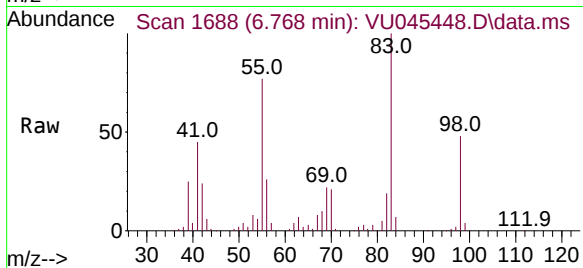
Tgt Ion: 83 Resp: 90467

Ion Ratio Lower Upper

83 100

55 77.5 63.6 95.4

98 48.4 37.1 55.7



#40

Benzene

Concen: 20.251 ug/l

RT: 5.777 min Scan# 1380

Delta R.T. 0.000 min

Lab File: VU045448.D

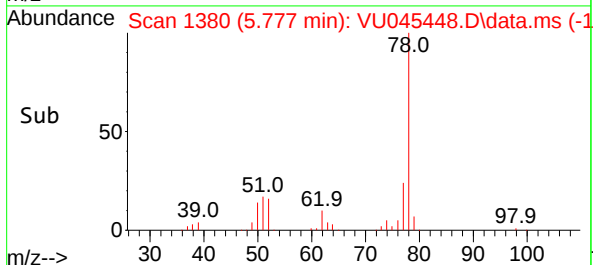
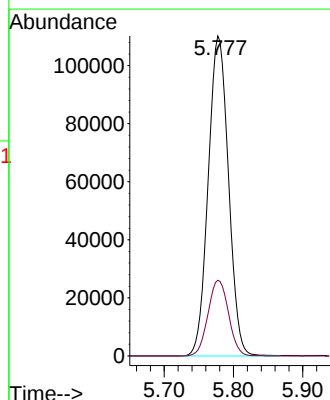
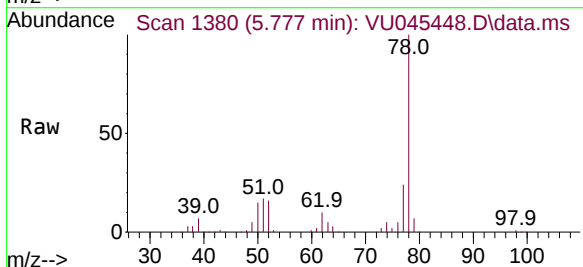
Acq: 28 Oct 2021 20:03

Tgt Ion: 78 Resp: 223675

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.4



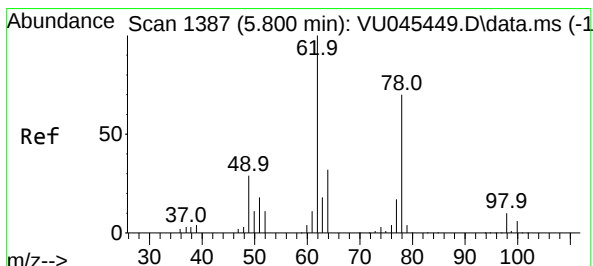
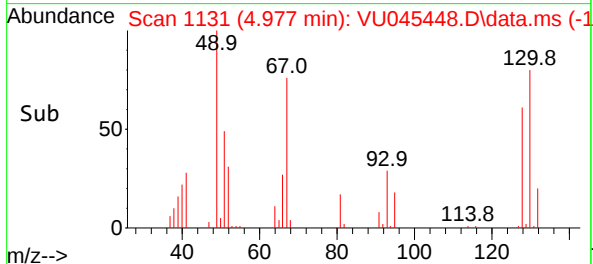
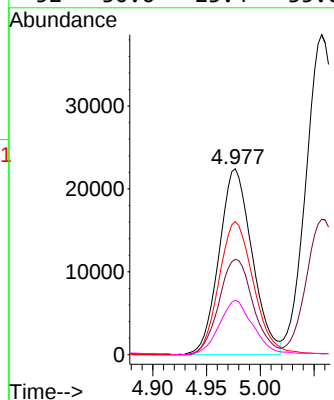
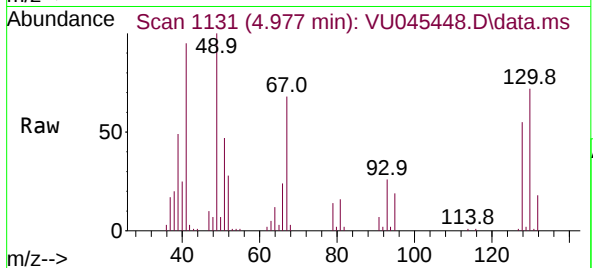


#41
Methacrylonitrile
Concen: 19.278 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VU045448.D
Acq: 28 Oct 2021 20:03

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 41 Resp: 48103

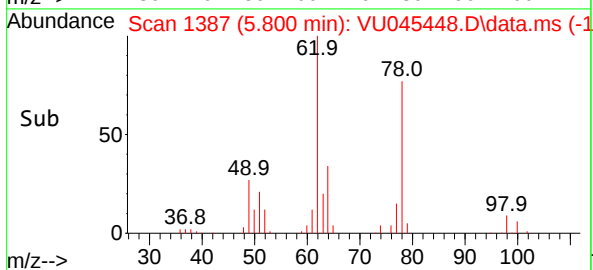
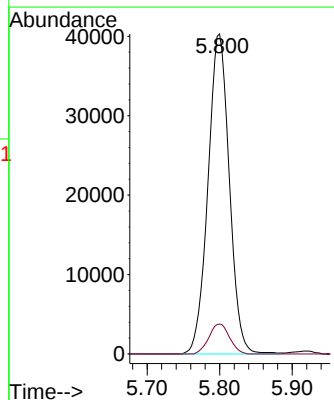
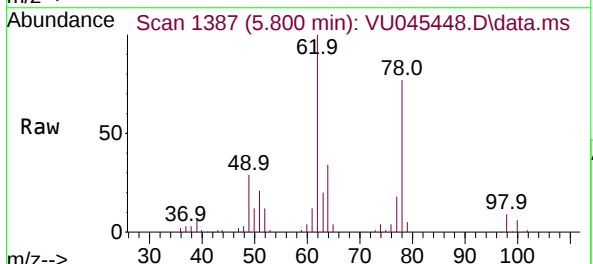
Ion	Ratio	Lower	Upper
41	100		
39	53.0	43.4	65.0
67	75.0	61.0	91.4
52	30.6	23.4	35.0



#42
1,2-Dichloroethane
Concen: 19.196 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VU045448.D
Acq: 28 Oct 2021 20:03

Tgt Ion: 62 Resp: 82373

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.4





#43

Isopropyl Acetate

Concen: 18.676 ug/l

RT: 5.916 min Scan# 1422

Delta R.T. 0.003 min

Lab File: VU045448.D

Acq: 28 Oct 2021 20:03

Instrument :

MSVOA_U

ClientSampleId :

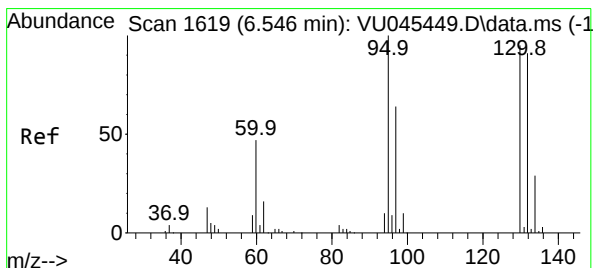
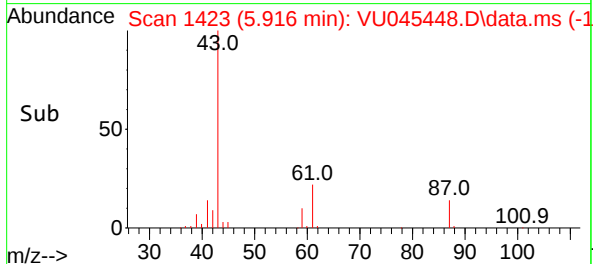
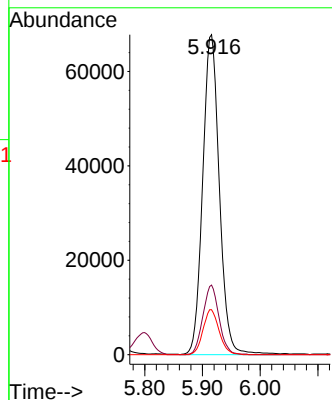
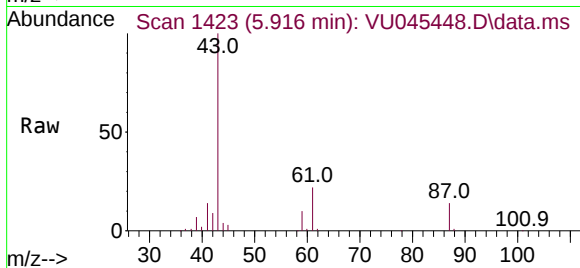
Tgt Ion: 43 Resp: 135975

Ion Ratio Lower Upper

43 100

61 21.0 16.9 25.3

87 13.5 11.0 16.4



#44

Trichloroethene

Concen: 19.974 ug/l

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU045448.D

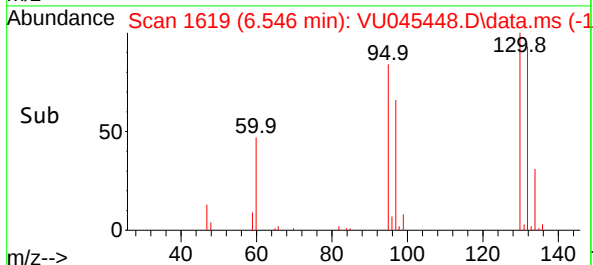
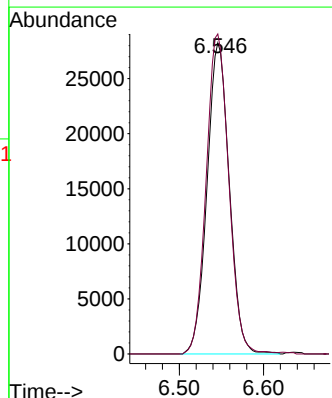
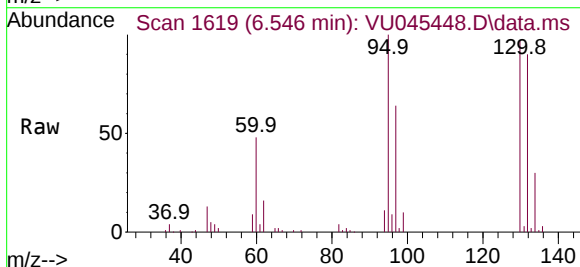
Acq: 28 Oct 2021 20:03

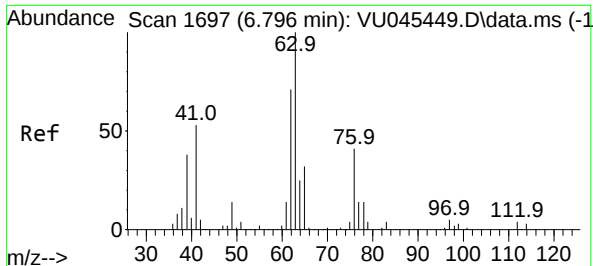
Tgt Ion:130 Resp: 51944

Ion Ratio Lower Upper

130 100

95 102.9 0.0 211.4





#45

1,2-Dichloropropane

Concen: 20.002 ug/l

RT: 6.793 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU045448.D

Acq: 28 Oct 2021 20:03

Instrument :

MSVOA_U

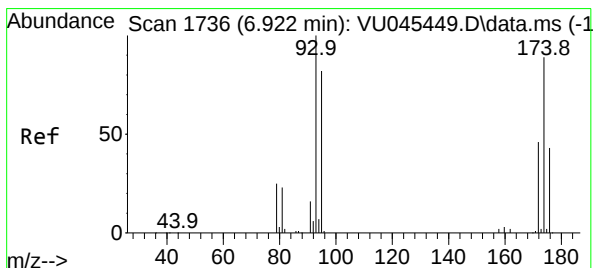
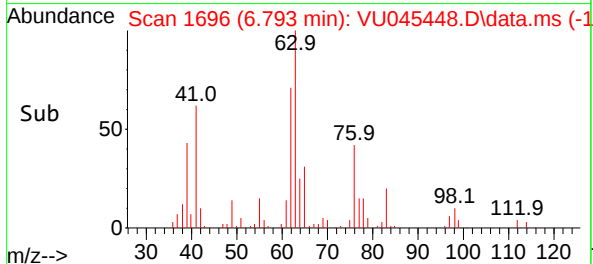
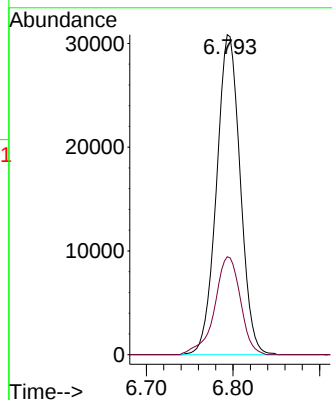
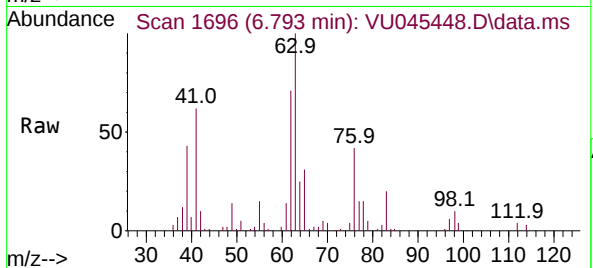
ClientSampleId :

Tgt Ion: 63 Resp: 58573

Ion Ratio Lower Upper

63 100

65 30.6 25.7 38.5



#46

Dibromomethane

Concen: 19.813 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. 0.000 min

Lab File: VU045448.D

Acq: 28 Oct 2021 20:03

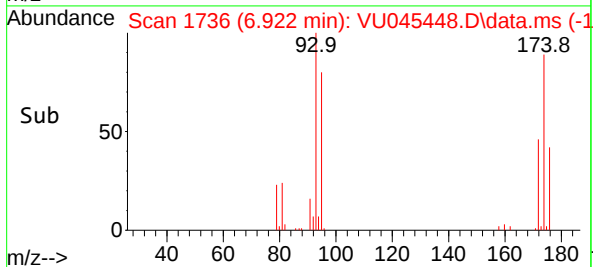
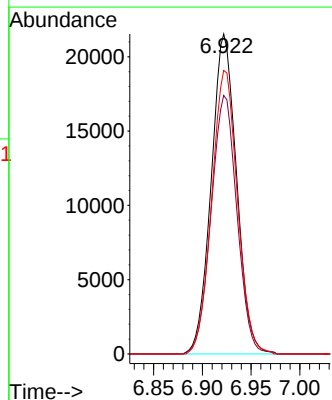
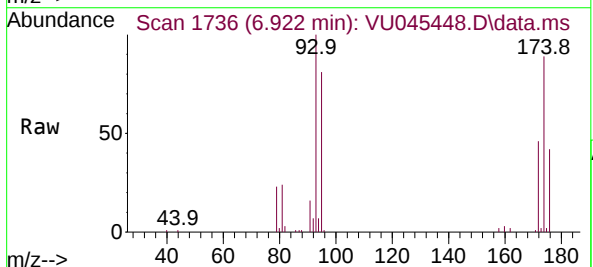
Tgt Ion: 93 Resp: 38944

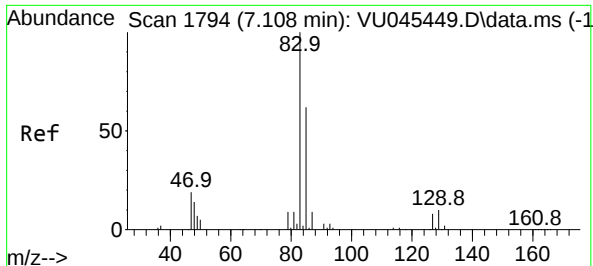
Ion Ratio Lower Upper

93 100

95 82.1 66.2 99.2

174 90.0 71.0 106.6

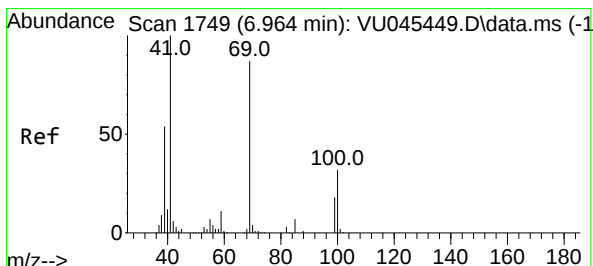
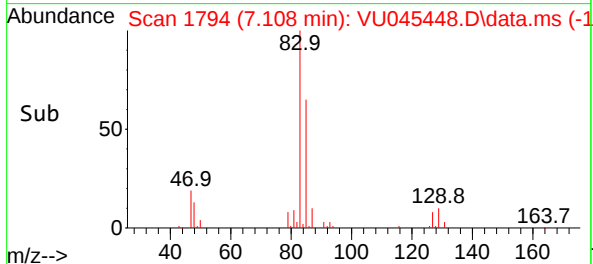
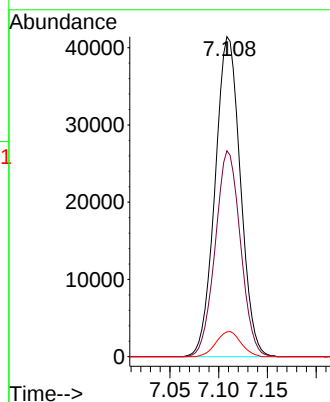
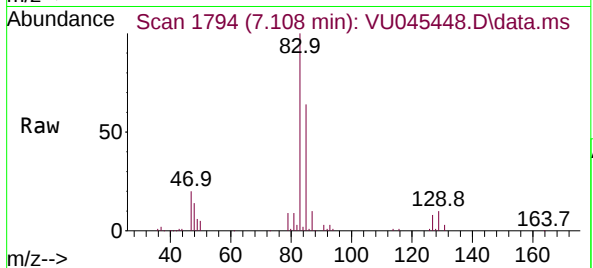




#47
Bromodichloromethane
Concen: 19.595 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU045448.D
Acq: 28 Oct 2021 20:03

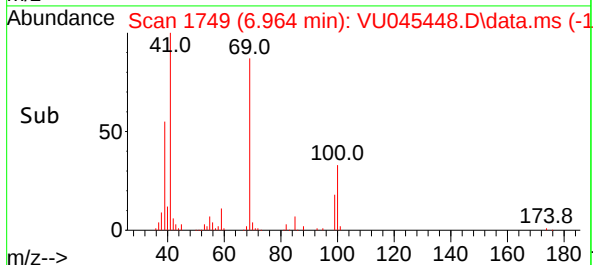
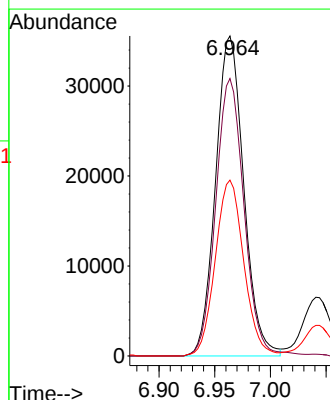
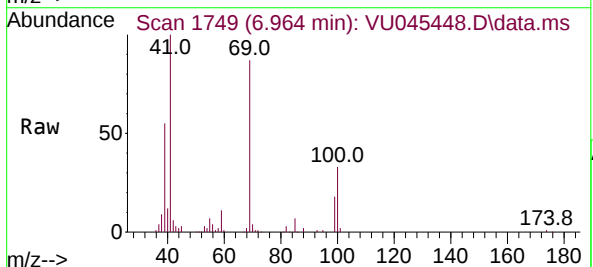
Instrument :
MSVOA_U
ClientSampleId :

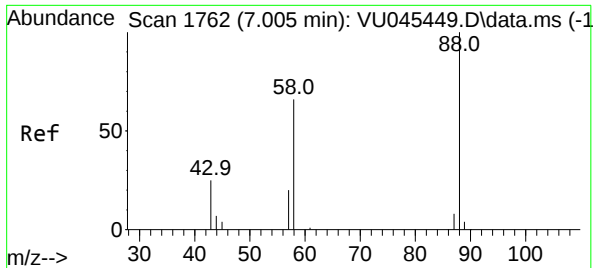
Tgt Ion: 83 Resp: 74861
Ion Ratio Lower Upper
83 100
85 64.3 49.8 74.6
127 7.8 6.2 9.2



#48
Methyl methacrylate
Concen: 17.762 ug/l
RT: 6.964 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VU045448.D
Acq: 28 Oct 2021 20:03

Tgt Ion: 41 Resp: 62687
Ion Ratio Lower Upper
41 100
69 87.0 70.2 105.2
39 55.6 43.9 65.9





#49

1,4-Dioxane

Concen: 394.885 ug/l

RT: 7.002 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU045448.D

Acq: 28 Oct 2021 20:03

Instrument :

MSVOA_U

ClientSampleId :

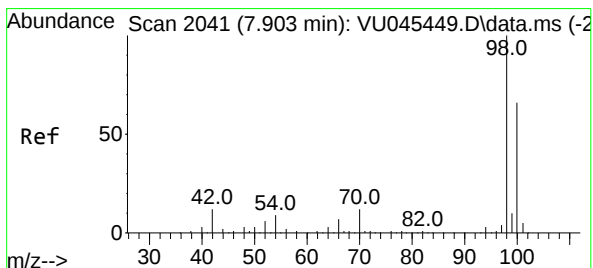
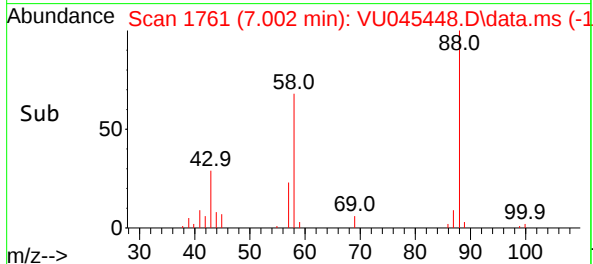
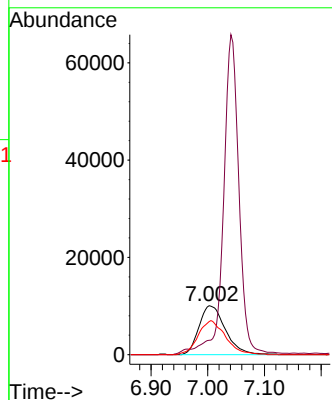
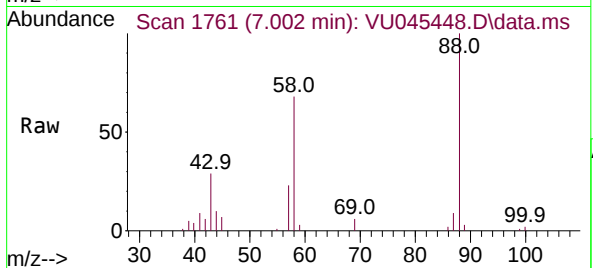
Tgt Ion: 88 Resp: 32657

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 71.6 58.7 88.1



#50

Toluene-d8

Concen: 20.765 ug/l

RT: 7.903 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VU045448.D

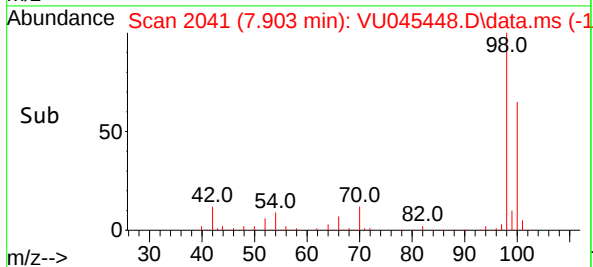
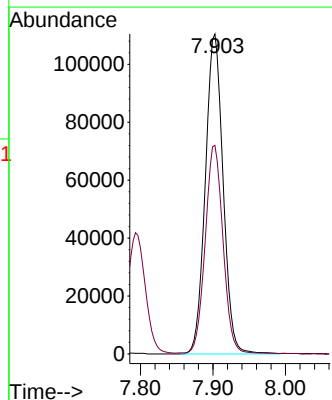
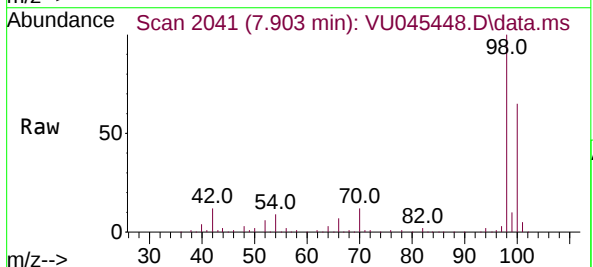
Acq: 28 Oct 2021 20:03

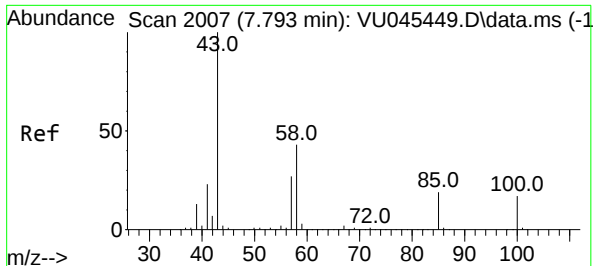
Tgt Ion: 98 Resp: 188212

Ion Ratio Lower Upper

98 100

100 65.4 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 84.443 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU045448.D

Acq: 28 Oct 2021 20:03

Instrument :

MSVOA_U

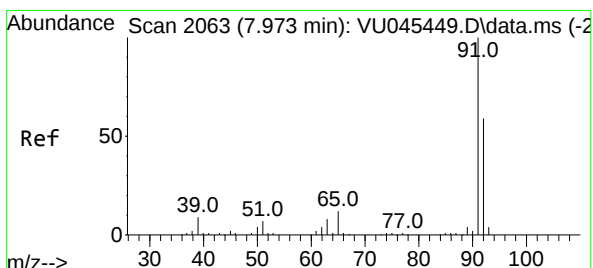
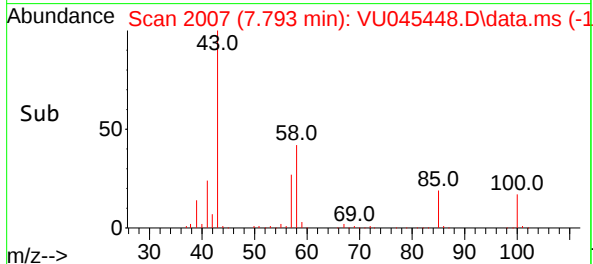
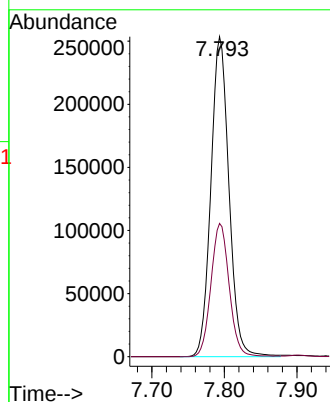
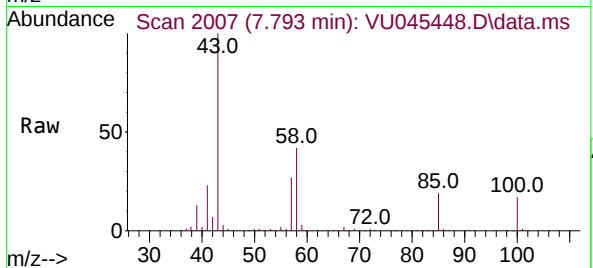
ClientSampleId :

Tgt Ion: 43 Resp: 438771

Ion Ratio Lower Upper

43 100

58 42.0 33.8 50.8



#52

Toluene

Concen: 19.916 ug/l

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU045448.D

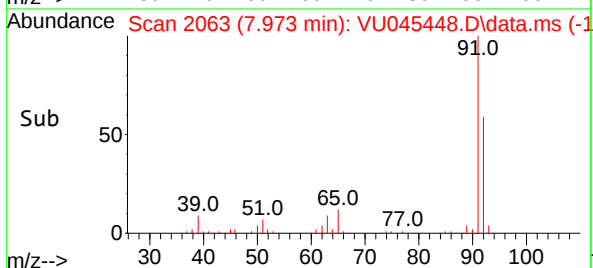
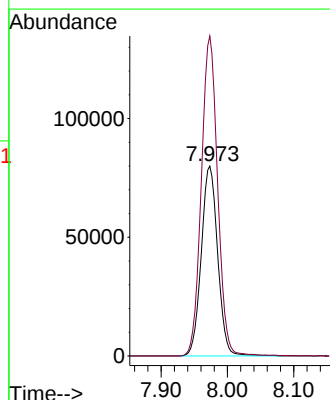
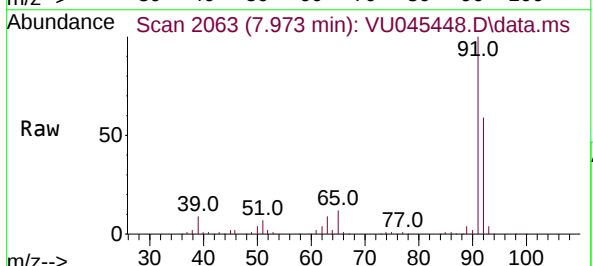
Acq: 28 Oct 2021 20:03

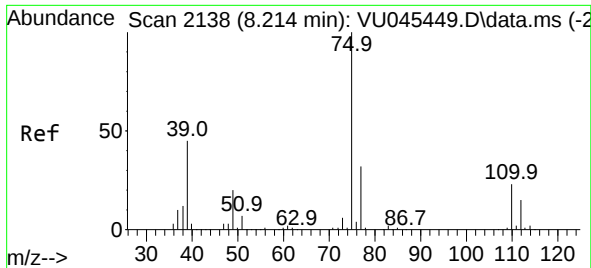
Tgt Ion: 92 Resp: 137229

Ion Ratio Lower Upper

92 100

91 167.7 135.6 203.4





#53

t-1,3-Dichloropropene

Concen: 19.474 ug/l

RT: 8.214 min Scan# 2138

Delta R.T. 0.000 min

Lab File: VU045448.D

Acq: 28 Oct 2021 20:03

Instrument :

MSVOA_U

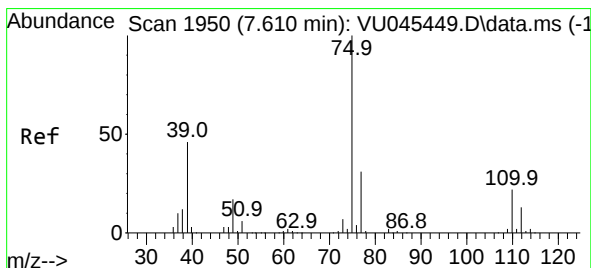
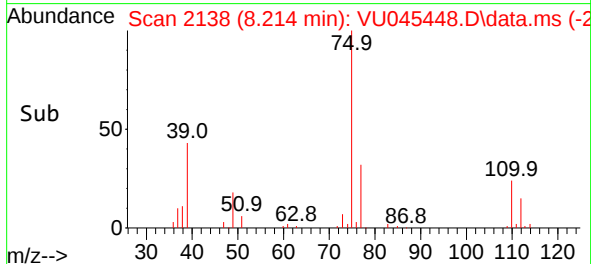
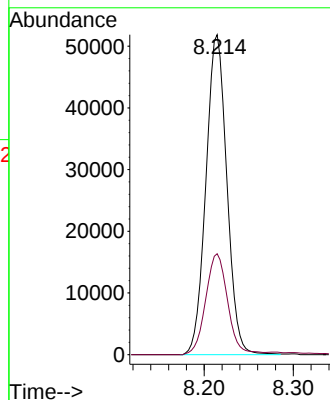
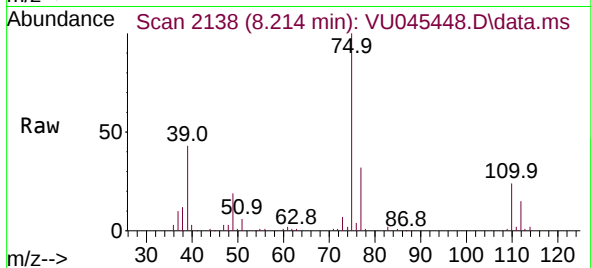
ClientSampleId :

Tgt Ion: 75 Resp: 84528

Ion Ratio Lower Upper

75 100

77 31.6 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 19.956 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU045448.D

Acq: 28 Oct 2021 20:03

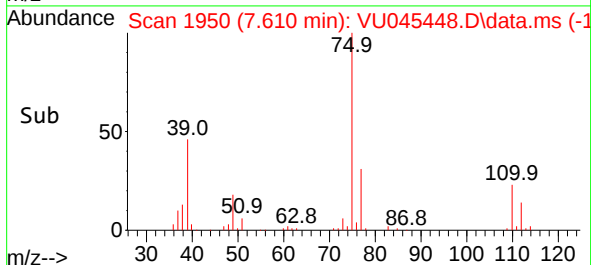
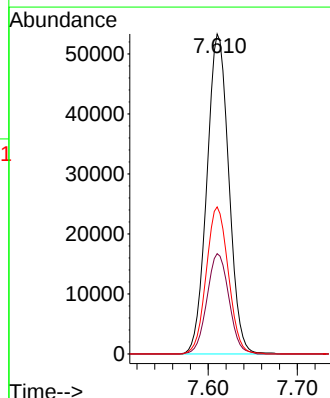
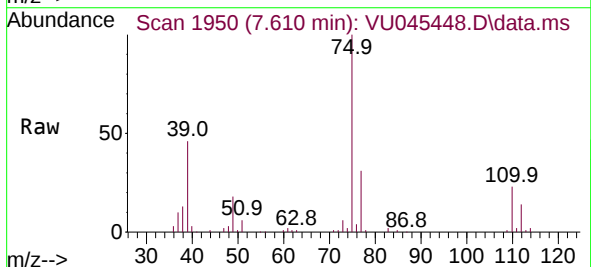
Tgt Ion: 75 Resp: 91049

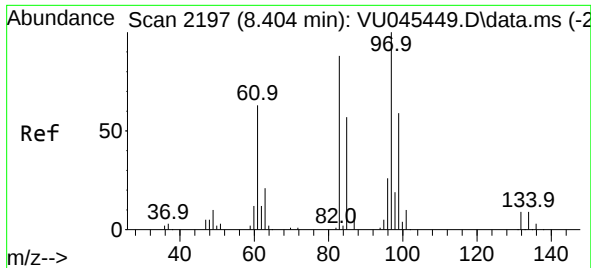
Ion Ratio Lower Upper

75 100

77 31.3 24.6 37.0

39 45.9 37.1 55.7

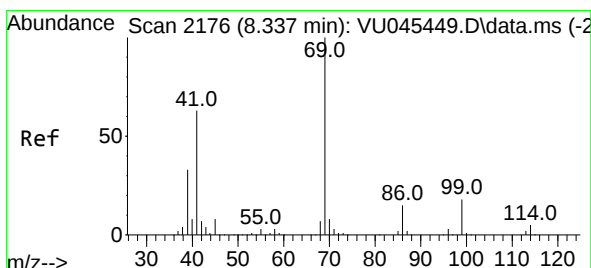
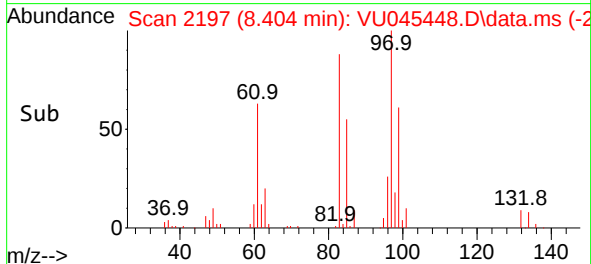
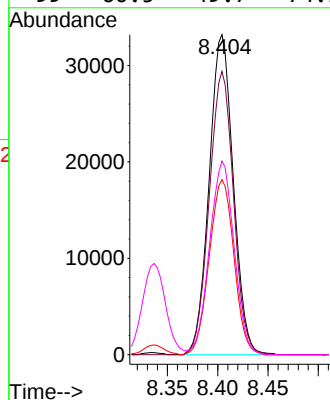
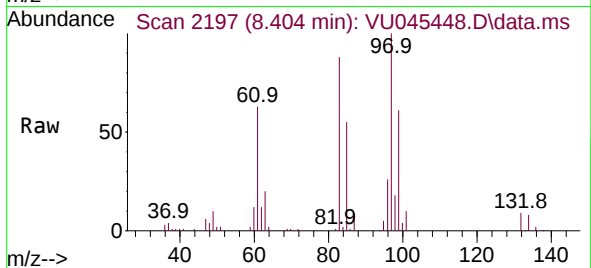




#55
1,1,2-Trichloroethane
Concen: 19.425 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU045448.D
Acq: 28 Oct 2021 20:03

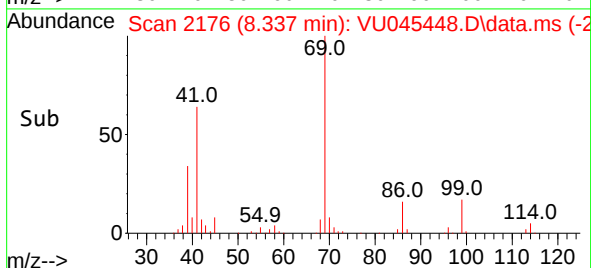
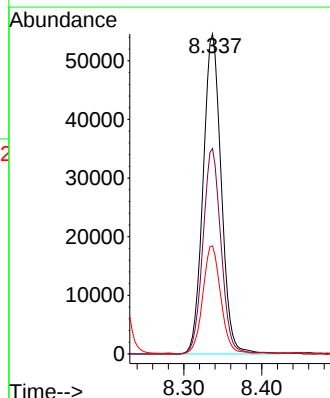
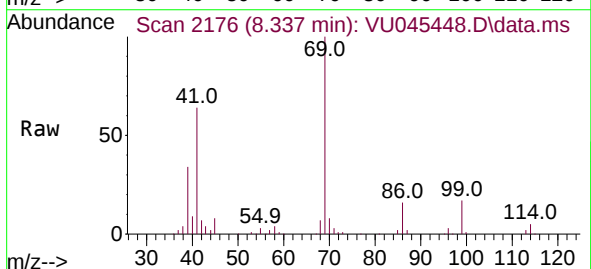
Instrument :
MSVOA_U
ClientSampleId :

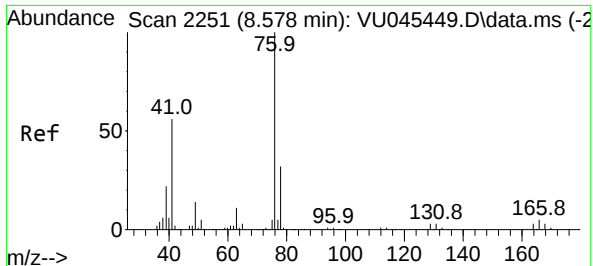
Tgt Ion:	97	Resp:	55444
Ion	Ratio	Lower	Upper
97	100		
83	88.5	70.3	105.5
85	54.7	45.5	68.3
99	60.5	49.7	74.5



#56
Ethyl methacrylate
Concen: 17.944 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. 0.000 min
Lab File: VU045448.D
Acq: 28 Oct 2021 20:03

Tgt Ion:	69	Resp:	88194
Ion	Ratio	Lower	Upper
69	100		
41	64.4	51.0	76.4
39	33.7	26.6	39.8





#57

1,3-Dichloropropane

Concen: 19.405 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045448.D

Acq: 28 Oct 2021 20:03

Instrument :

MSVOA_U

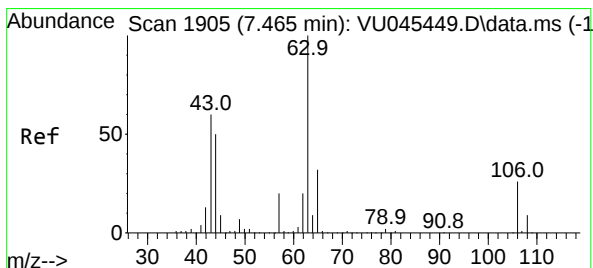
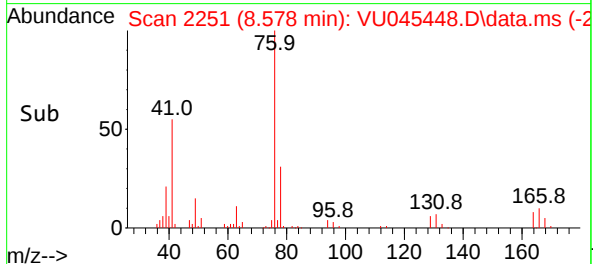
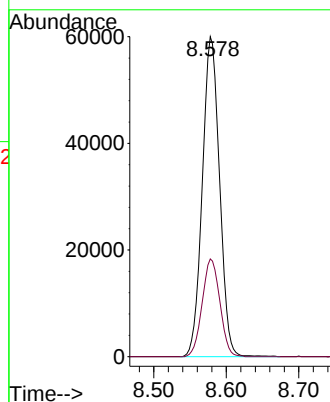
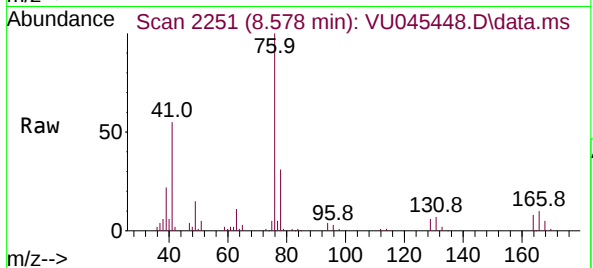
ClientSampleId :

Tgt Ion: 76 Resp: 98975

Ion Ratio Lower Upper

76 100

78 31.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 151.168 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VU045448.D

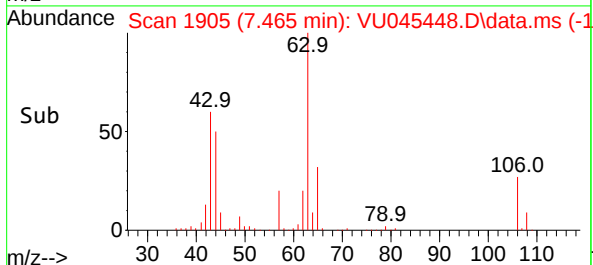
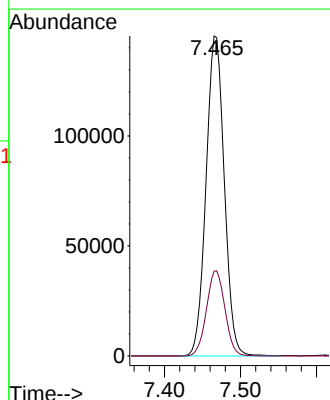
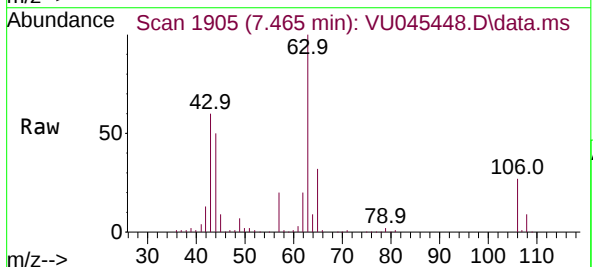
Acq: 28 Oct 2021 20:03

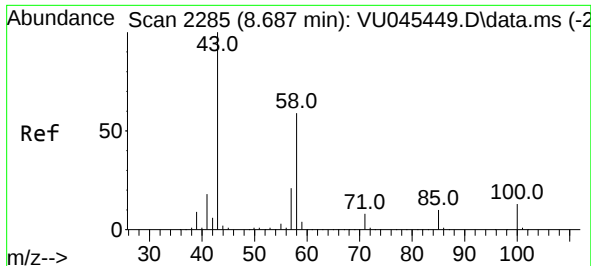
Tgt Ion: 63 Resp: 242445

Ion Ratio Lower Upper

63 100

106 26.9 21.0 31.4

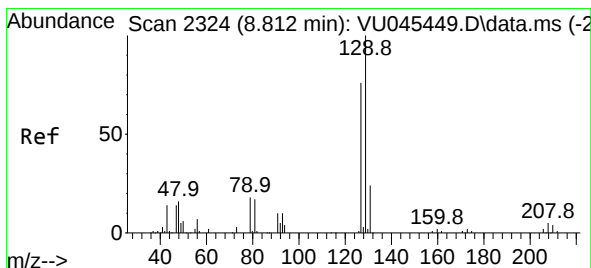
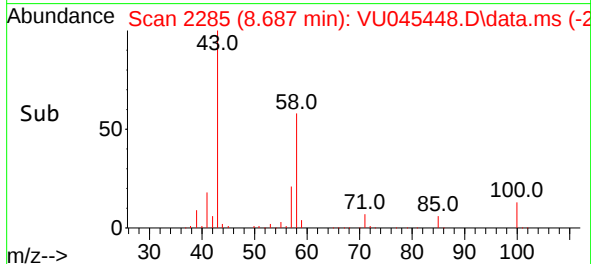
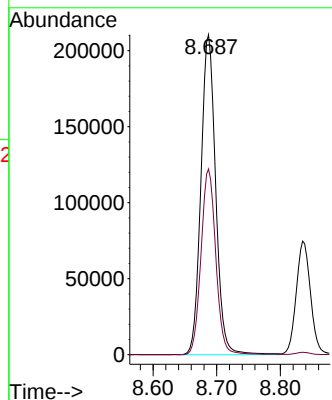
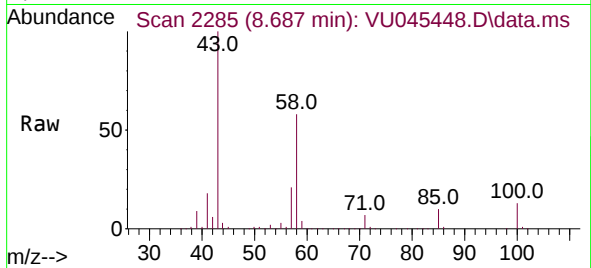




#59
2-Hexanone
Concen: 81.258 ug/l
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045448.D
Acq: 28 Oct 2021 20:03

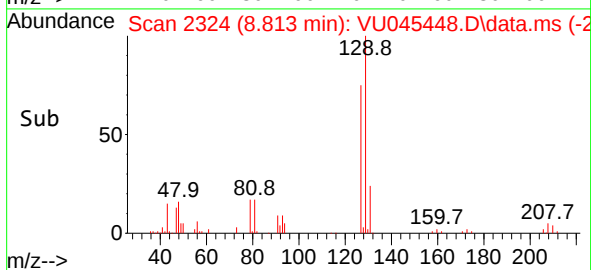
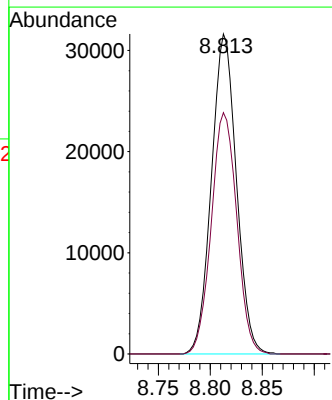
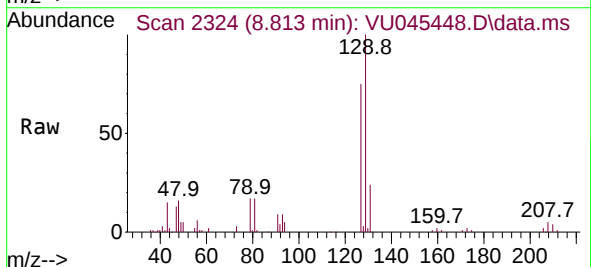
Instrument :
MSVOA_U
ClientSampleId :

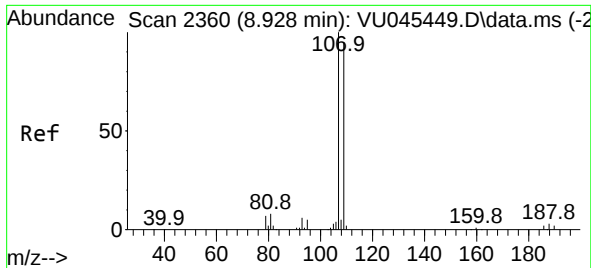
Tgt Ion: 43 Resp: 339754
Ion Ratio Lower Upper
43 100
58 58.1 29.5 88.6



#60
Dibromochloromethane
Concen: 19.604 ug/l
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU045448.D
Acq: 28 Oct 2021 20:03

Tgt Ion: 129 Resp: 52848
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.3

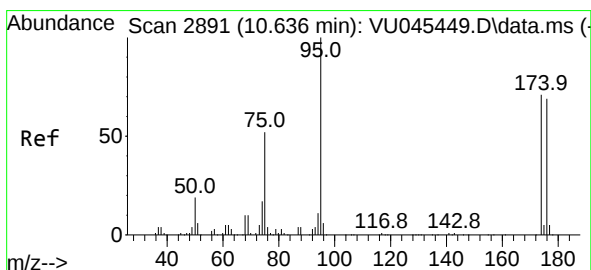
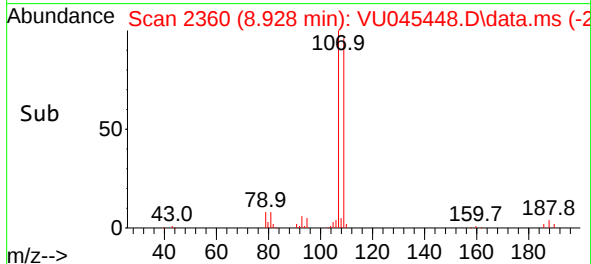
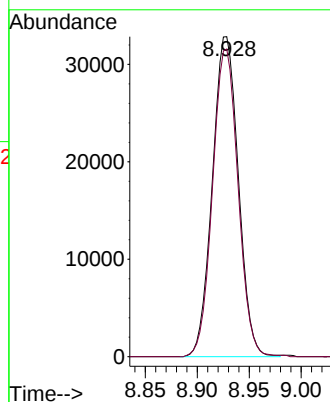
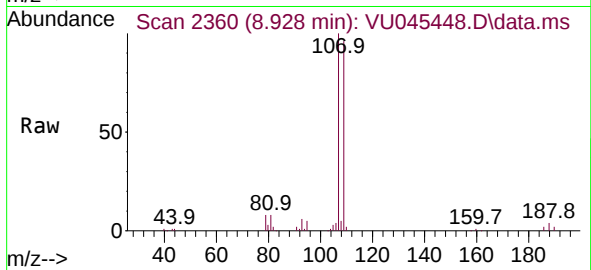




#61
1,2-Dibromoethane
Concen: 18.898 ug/l
RT: 8.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045448.D
Acq: 28 Oct 2021 20:03

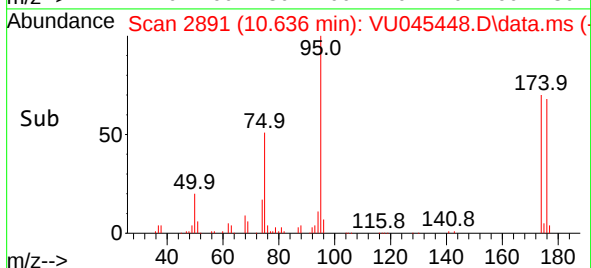
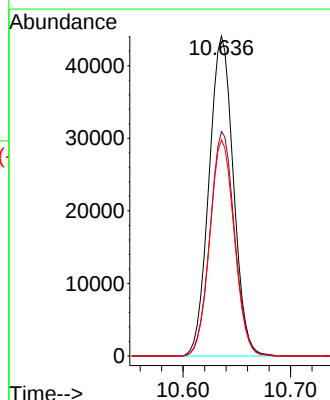
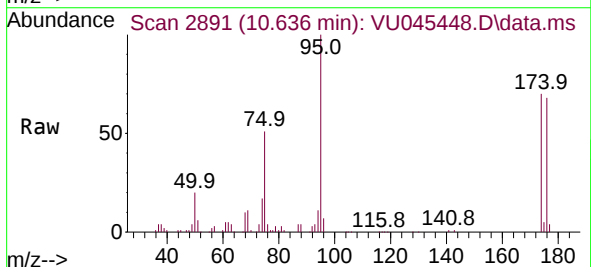
Instrument :
MSVOA_U
ClientSampleId :

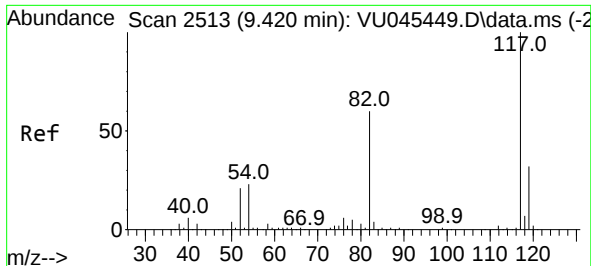
Tgt Ion:107 Resp: 57124
Ion Ratio Lower Upper
107 100
109 94.4 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 18.937 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU045448.D
Acq: 28 Oct 2021 20:03

Tgt Ion: 95 Resp: 69462
Ion Ratio Lower Upper
95 100
174 70.5 0.0 141.8
176 67.8 0.0 138.2

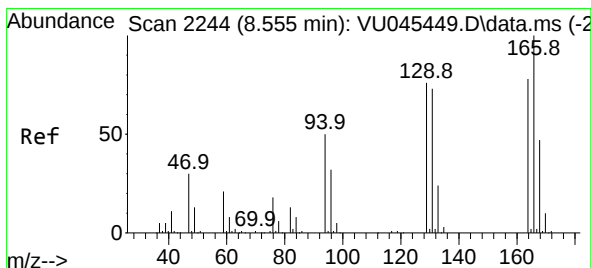
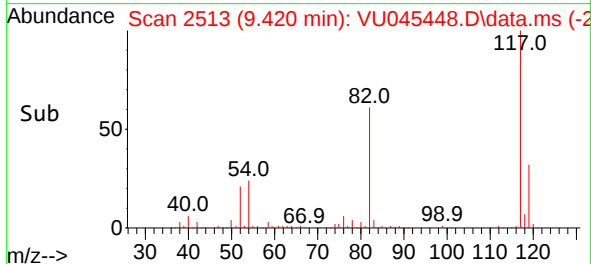
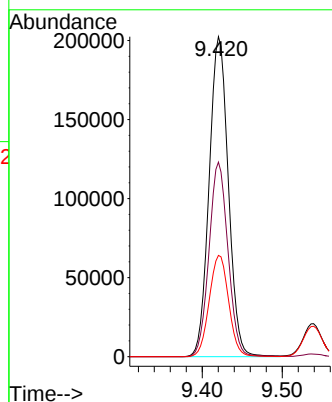
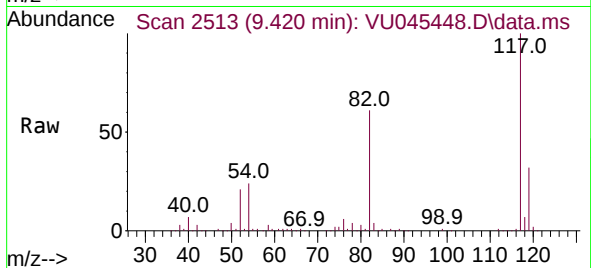




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045448.D
Acq: 28 Oct 2021 20:03

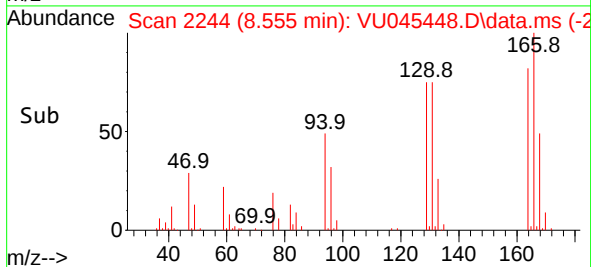
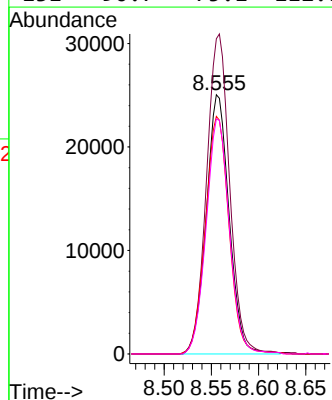
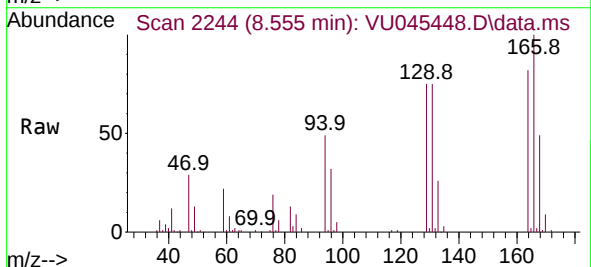
Instrument :
MSVOA_U
ClientSampleId :

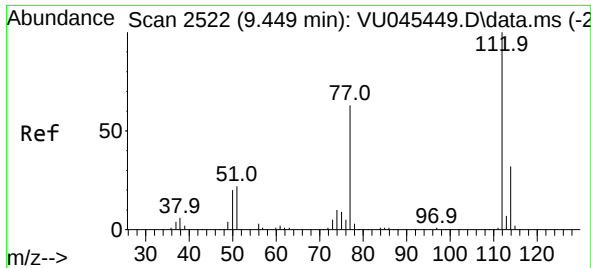
Tgt Ion:117 Resp: 337263
Ion Ratio Lower Upper
117 100
82 60.8 47.8 71.8
119 31.7 25.8 38.8



#64
Tetrachloroethene
Concen: 19.658 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045448.D
Acq: 28 Oct 2021 20:03

Tgt Ion:164 Resp: 42288
Ion Ratio Lower Upper
164 100
166 121.6 102.2 153.4
129 91.7 78.2 117.4
131 90.7 75.1 112.7

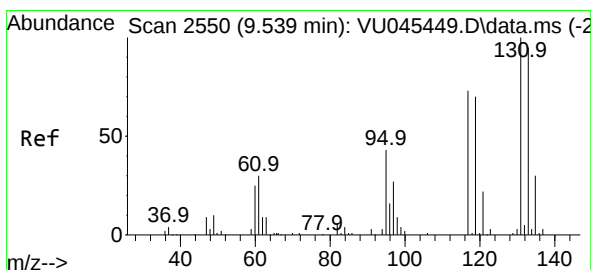
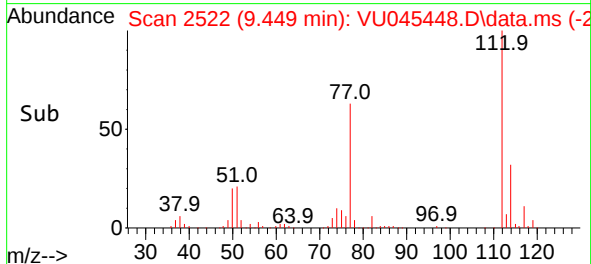
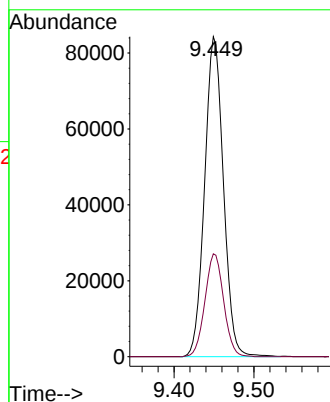
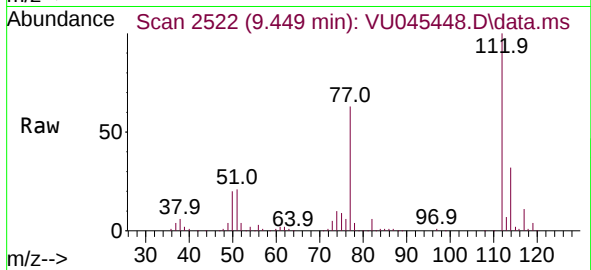




#65
Chlorobenzene
Concen: 19.907 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU045448.D
Acq: 28 Oct 2021 20:03

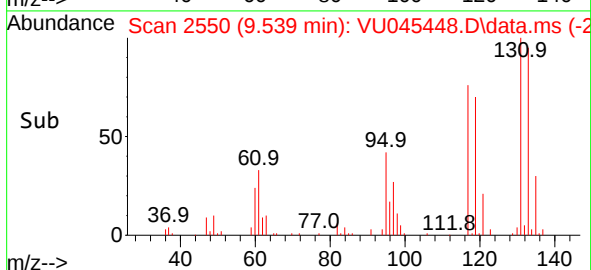
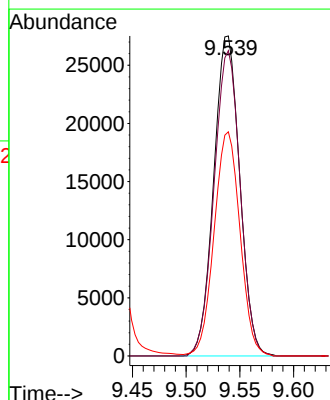
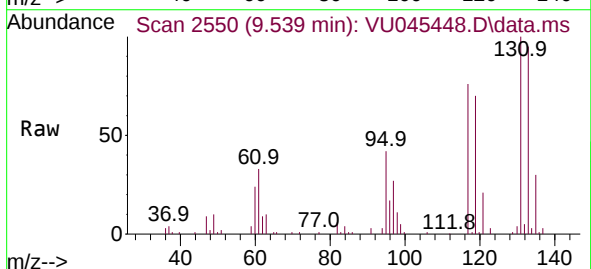
Instrument :
MSVOA_U
ClientSampleId :

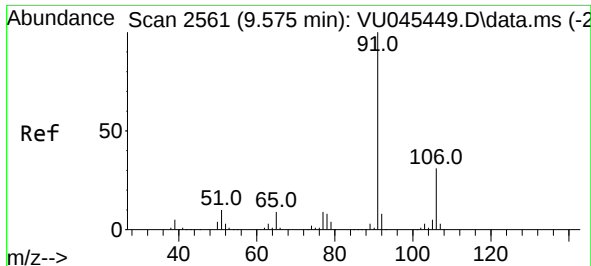
Tgt Ion:112 Resp: 138047
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.251 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. 0.000 min
Lab File: VU045448.D
Acq: 28 Oct 2021 20:03

Tgt Ion:131 Resp: 46297
Ion Ratio Lower Upper
131 100
133 95.8 47.9 143.6
119 69.8 34.5 103.6





#67

Ethyl Benzene

Concen: 19.833 ug/l

RT: 9.575 min Scan# 2561

Delta R.T. 0.000 min

Lab File: VU045448.D

Acq: 28 Oct 2021 20:03

Instrument :

MSVOA_U

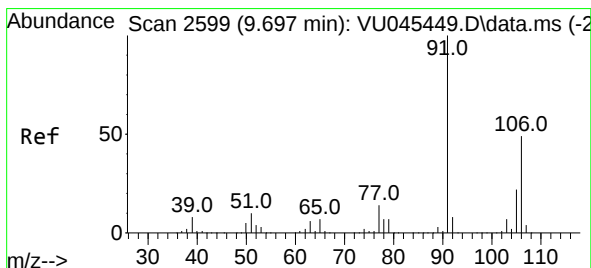
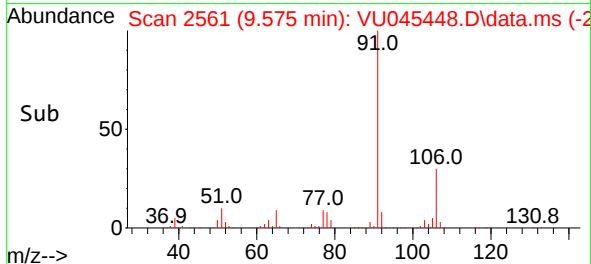
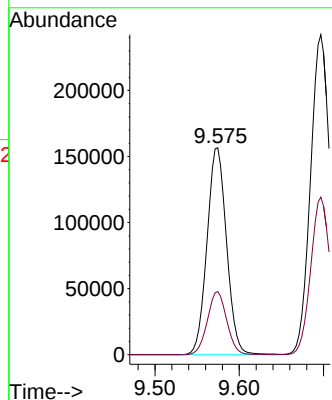
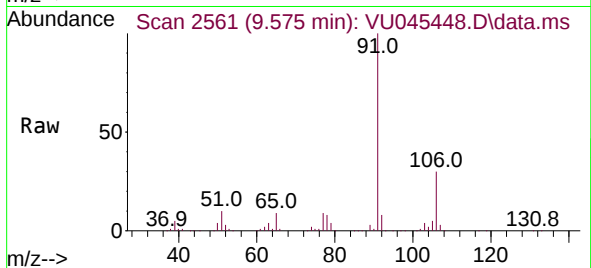
ClientSampleId :

Tgt Ion: 91 Resp: 252730

Ion Ratio Lower Upper

91 100

106 30.5 24.6 36.8



#68

m/p-Xylenes

Concen: 39.433 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.000 min

Lab File: VU045448.D

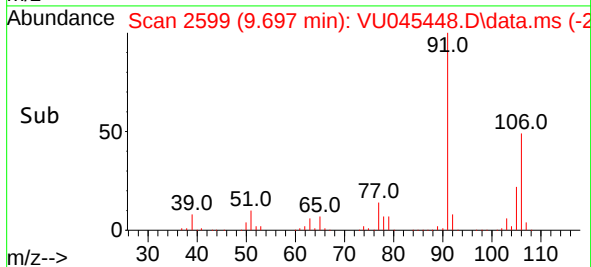
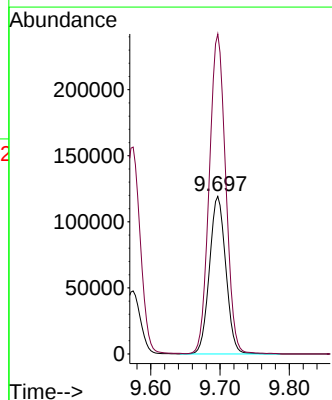
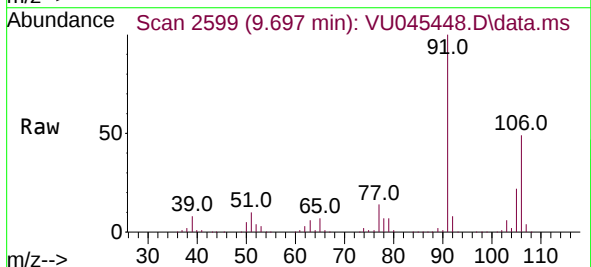
Acq: 28 Oct 2021 20:03

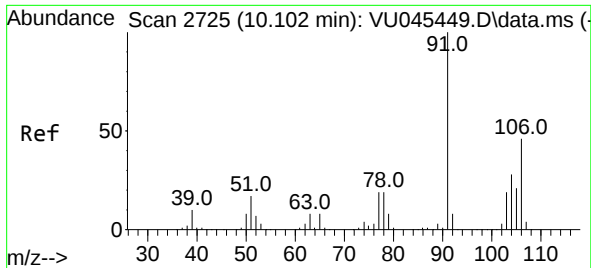
Tgt Ion:106 Resp: 195012

Ion Ratio Lower Upper

106 100

91 204.8 164.7 247.1

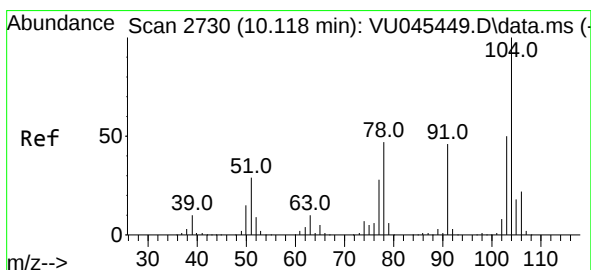
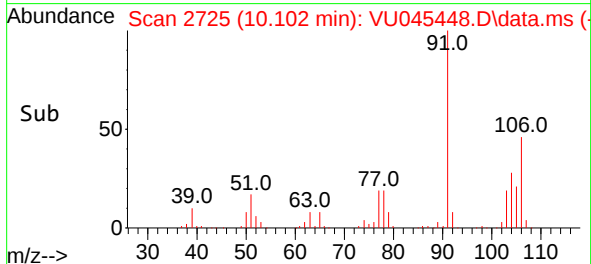
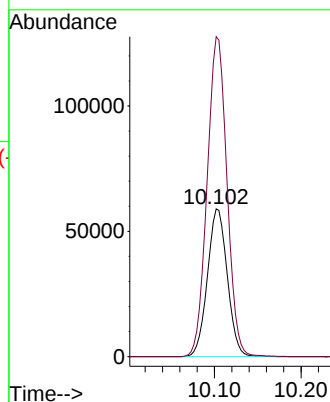
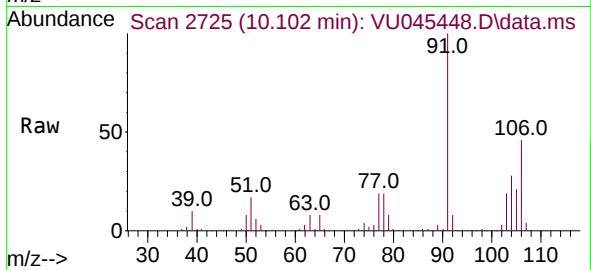




#69
o-Xylene
Concen: 19.224 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU045448.D
Acq: 28 Oct 2021 20:03

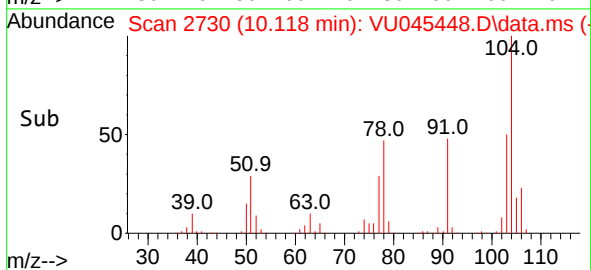
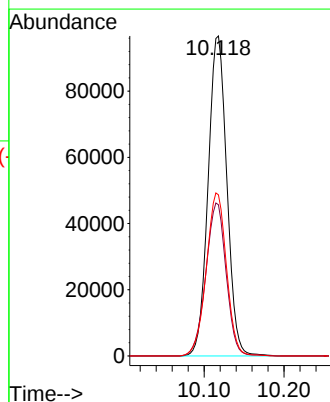
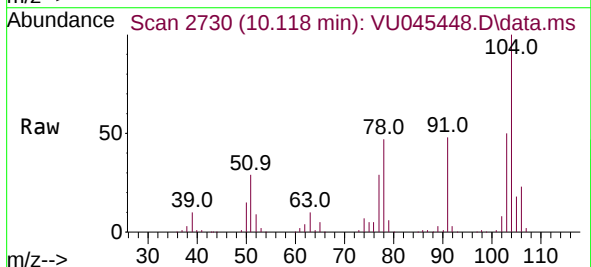
Instrument :
MSVOA_U
ClientSampleId :

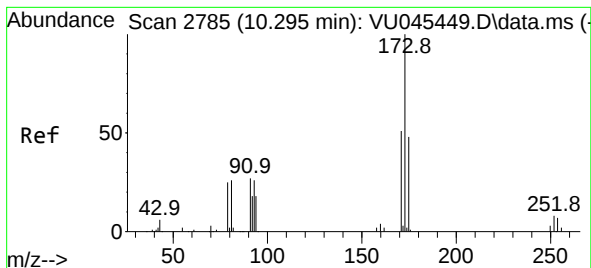
Tgt Ion:106 Resp: 94012
Ion Ratio Lower Upper
106 100
91 216.4 108.7 326.3



#70
Styrene
Concen: 19.283 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU045448.D
Acq: 28 Oct 2021 20:03

Tgt Ion:104 Resp: 157598
Ion Ratio Lower Upper
104 100
78 51.8 41.8 62.6
103 54.8 43.8 65.6





#71

Bromoform

Concen: 18.139 ug/l

RT: 10.295 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045448.D

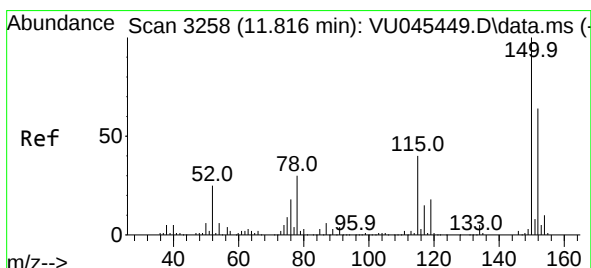
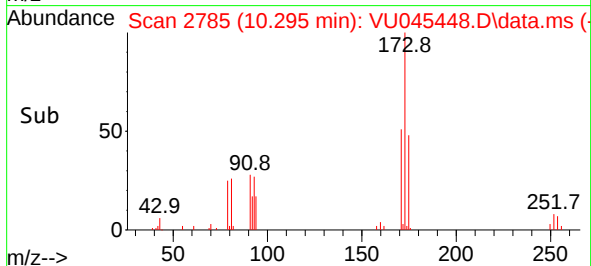
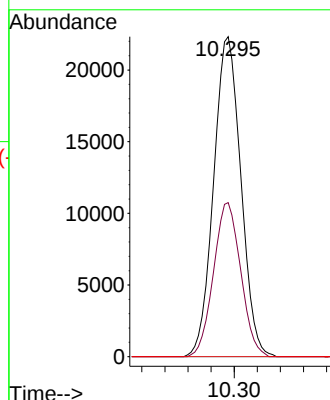
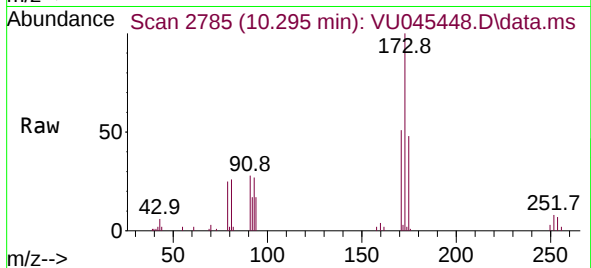
Acq: 28 Oct 2021 20:03

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	173	Resp:	36545
Ion Ratio	Lower	Upper	
173	100		
175	48.1	24.1	72.2
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

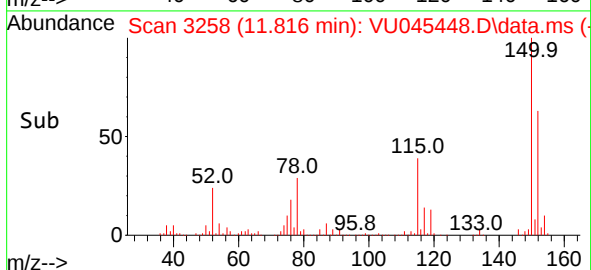
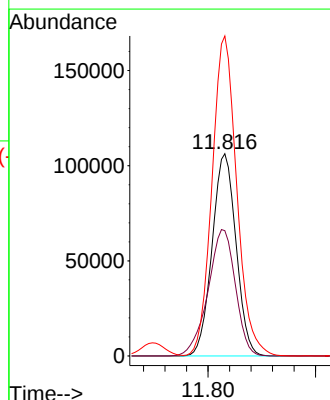
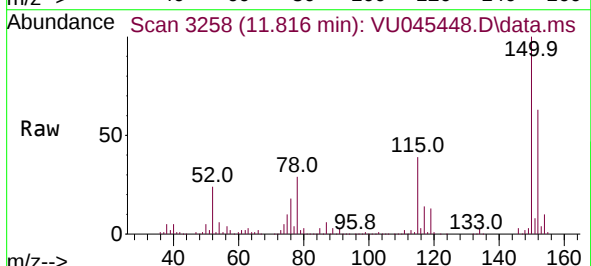
RT: 11.816 min Scan# 3258

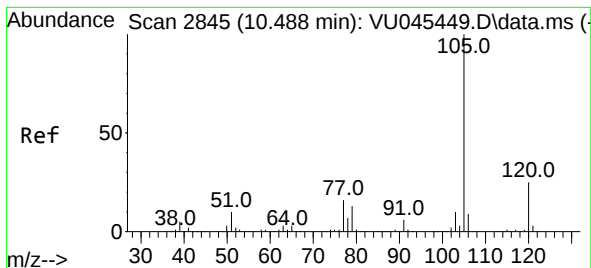
Delta R.T. 0.000 min

Lab File: VU045448.D

Acq: 28 Oct 2021 20:03

Tgt Ion:	152	Resp:	164171
Ion Ratio	Lower	Upper	
152	100		
115	71.4	42.7	128.1
150	163.8	0.0	346.8





#73

Isopropylbenzene

Concen: 20.102 ug/l

RT: 10.488 min Scan# 2845

Delta R.T. 0.000 min

Lab File: VU045448.D

Acq: 28 Oct 2021 20:03

Instrument :

MSVOA_U

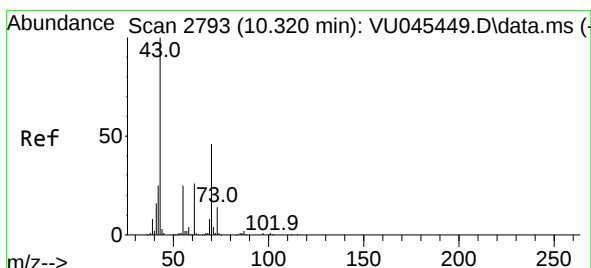
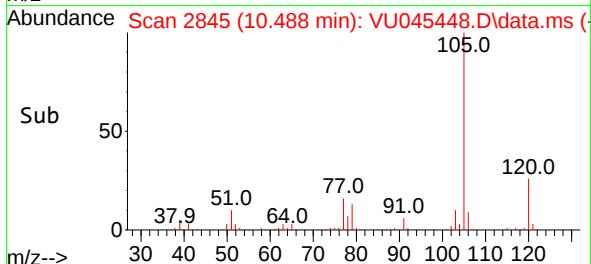
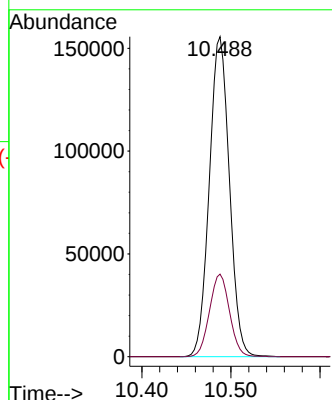
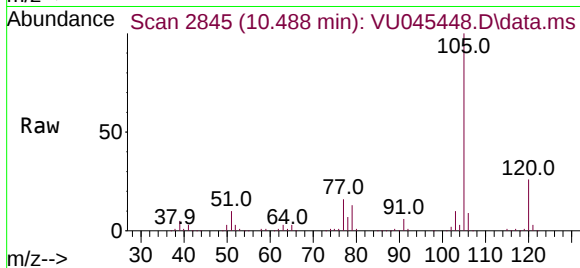
ClientSampleId :

Tgt Ion:105 Resp: 243172

Ion Ratio Lower Upper

105 100

120 25.7 12.9 38.6



#74

N-ethyl acetate

Concen: 18.254 ug/l

RT: 10.320 min Scan# 2793

Delta R.T. 0.000 min

Lab File: VU045448.D

Acq: 28 Oct 2021 20:03

Tgt Ion: 43 Resp: 109378

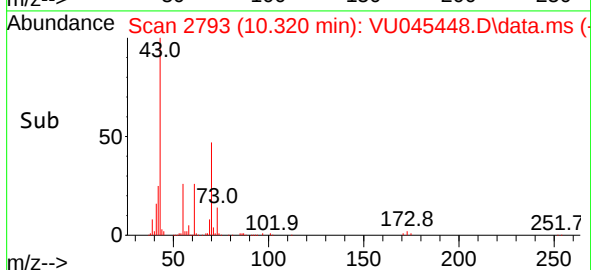
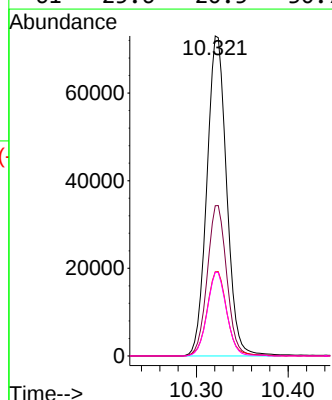
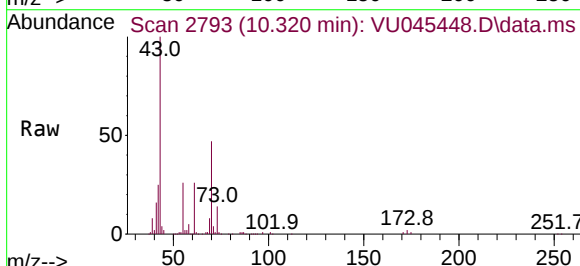
Ion Ratio Lower Upper

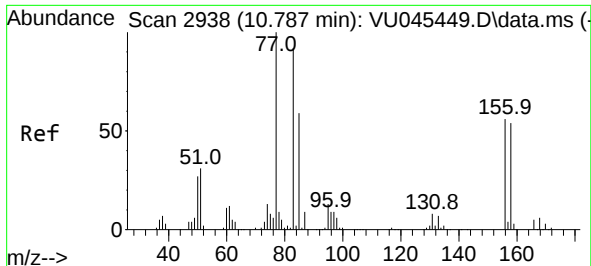
43 100

70 46.4 36.9 55.3

55 26.4 20.6 31.0

61 25.6 20.5 30.7

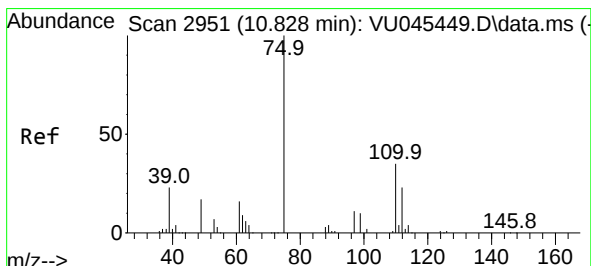
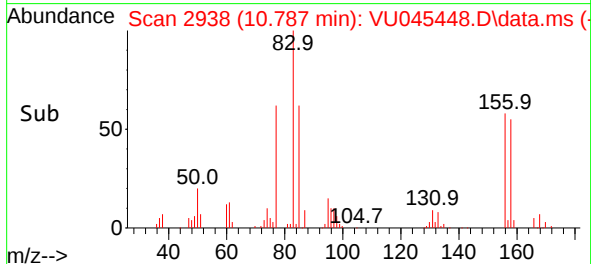
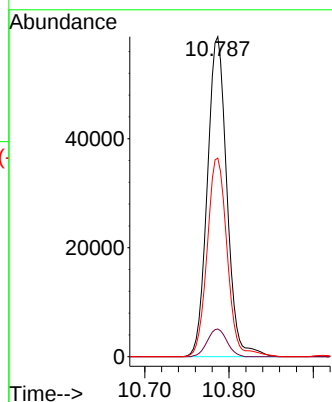
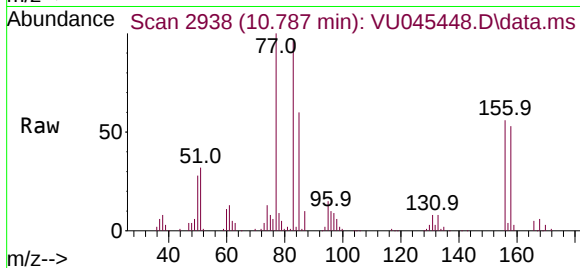




#75
1,1,2,2-Tetrachloroethane
Concen: 18.470 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU045448.D
Acq: 28 Oct 2021 20:03

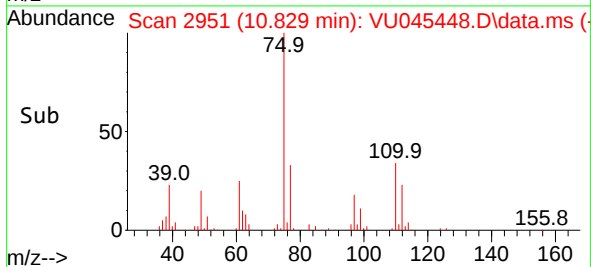
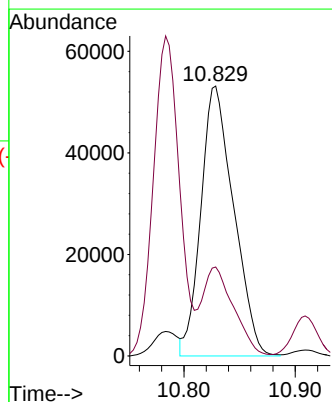
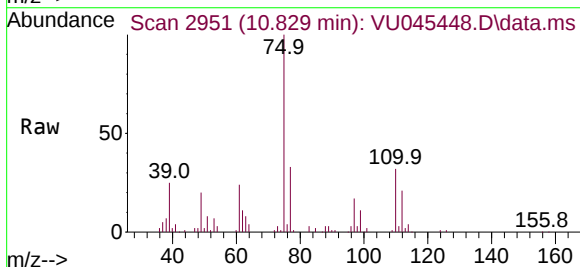
Instrument :
MSVOA_U
ClientSampleId :

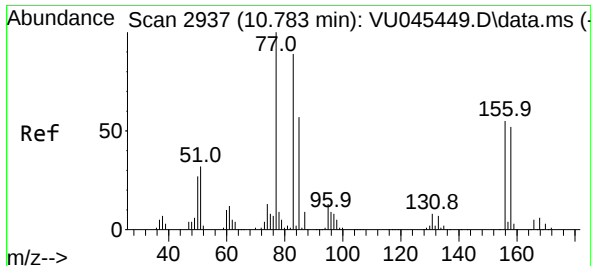
Tgt Ion: 83 Resp: 94721
Ion Ratio Lower Upper
83 100
131 8.7 4.4 13.2
85 63.6 31.9 95.9



#76
1,2,3-Trichloropropane
Concen: 23.112 ug/l
RT: 10.829 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU045448.D
Acq: 28 Oct 2021 20:03

Tgt Ion: 75 Resp: 108815
Ion Ratio Lower Upper
75 100
77 30.1 17.1 51.3

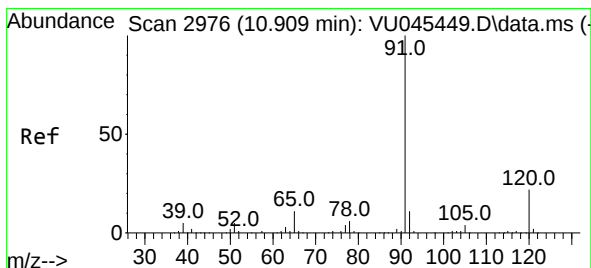
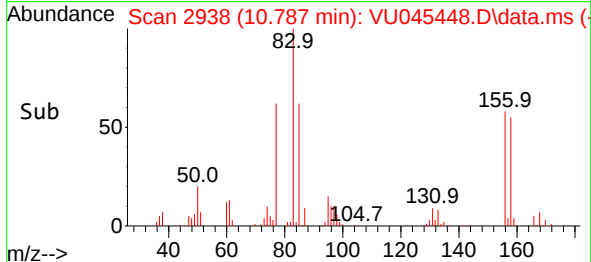
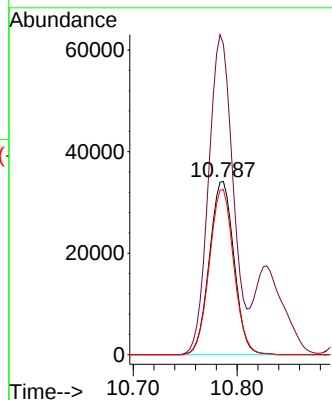
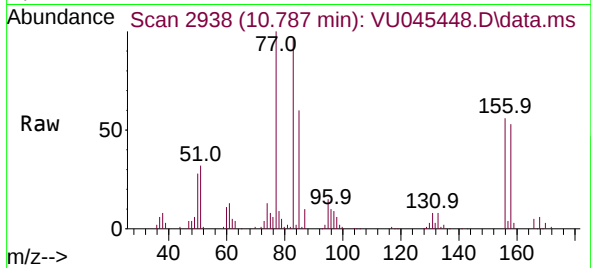




#77
Bromobenzene
Concen: 19.340 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VU045448.D
Acq: 28 Oct 2021 20:03

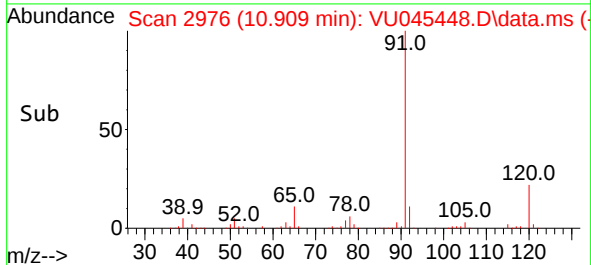
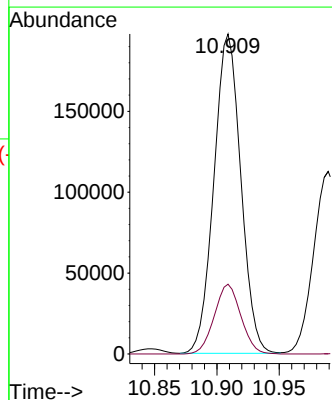
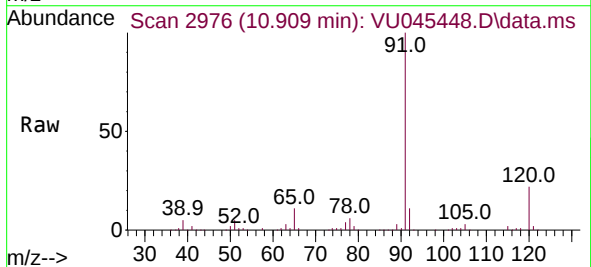
Instrument :
MSVOA_U
ClientSampleId :

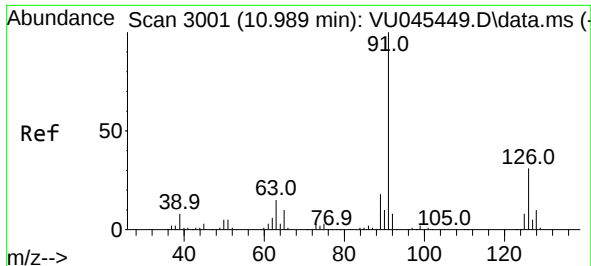
Tgt Ion:156 Resp: 56121
Ion Ratio Lower Upper
156 100
77 182.9 91.1 273.4
158 94.8 47.9 143.6



#78
n-propylbenzene
Concen: 20.153 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.000 min
Lab File: VU045448.D
Acq: 28 Oct 2021 20:03

Tgt Ion: 91 Resp: 296357
Ion Ratio Lower Upper
91 100
120 21.6 10.9 32.7





#79

2-Chlorotoluene

Concen: 19.273 ug/l

RT: 10.989 min Scan# 3001

Delta R.T. 0.000 min

Lab File: VU045448.D

Acq: 28 Oct 2021 20:03

Instrument :

MSVOA_U

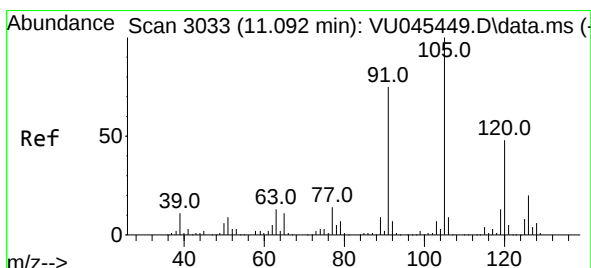
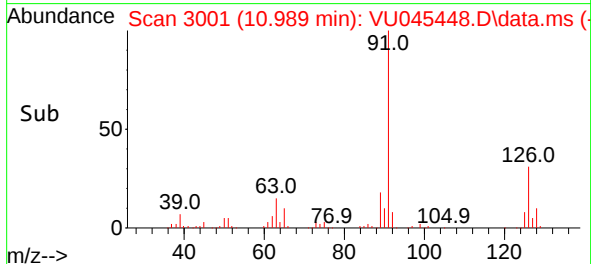
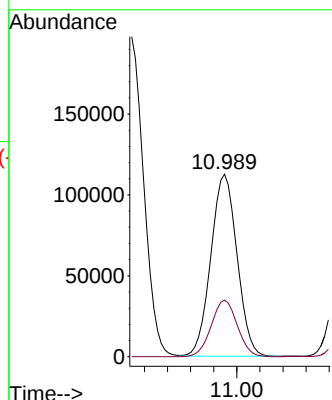
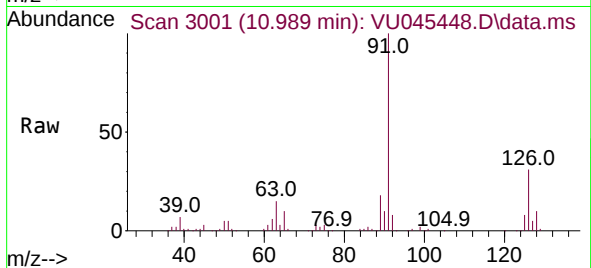
ClientSampleId :

Tgt Ion: 91 Resp: 177017

Ion Ratio Lower Upper

91 100

126 31.0 15.6 46.8



#80

1,3,5-Trimethylbenzene

Concen: 19.725 ug/l

RT: 11.092 min Scan# 3033

Delta R.T. 0.000 min

Lab File: VU045448.D

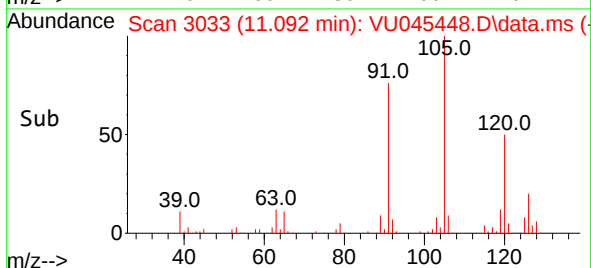
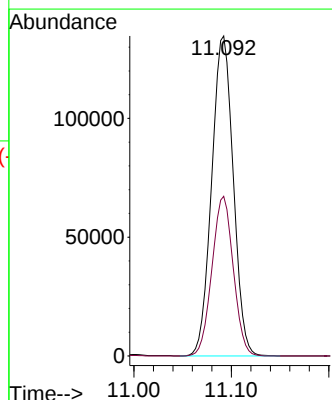
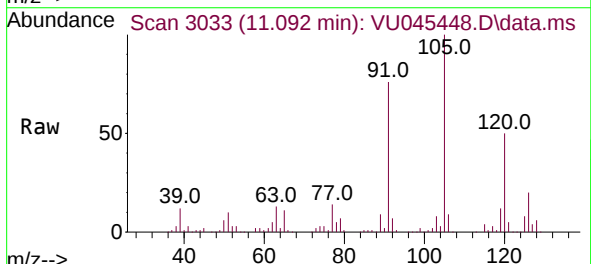
Acq: 28 Oct 2021 20:03

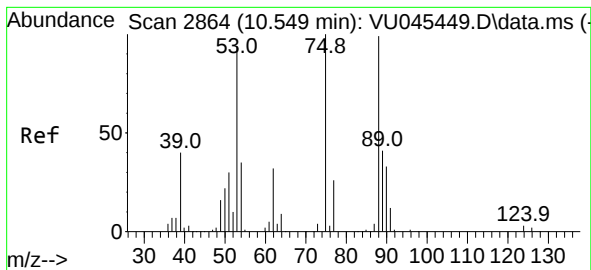
Tgt Ion: 105 Resp: 207508

Ion Ratio Lower Upper

105 100

120 49.1 23.9 71.8

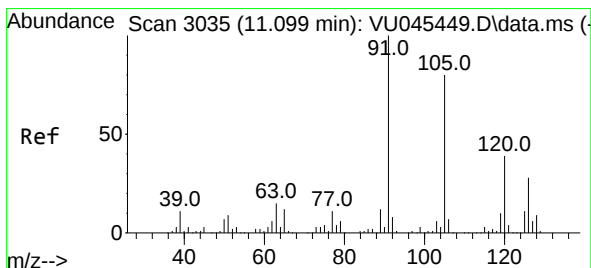
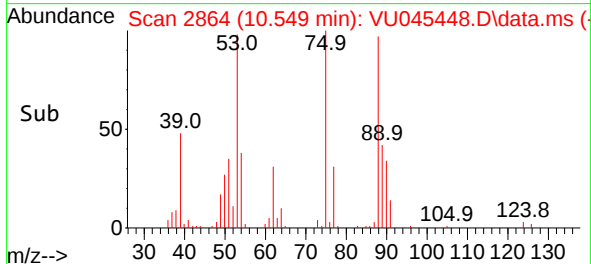
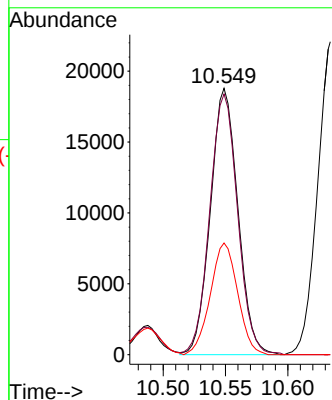
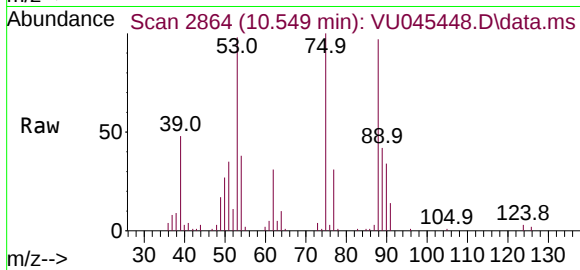




#81
trans-1,4-Dichloro-2-butene
Concen: 17.374 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. 0.000 min
Lab File: VU045448.D
Acq: 28 Oct 2021 20:03

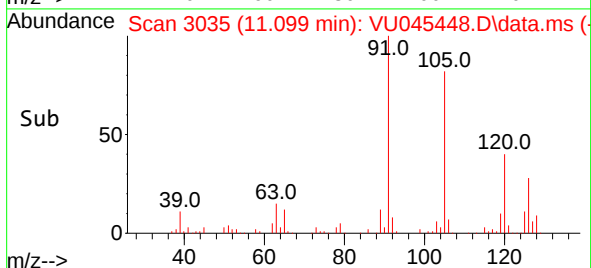
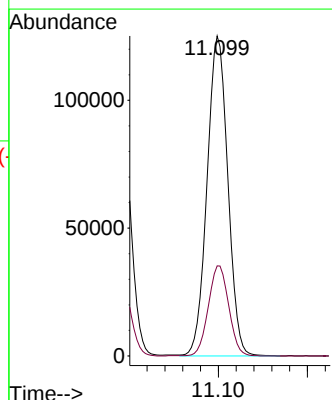
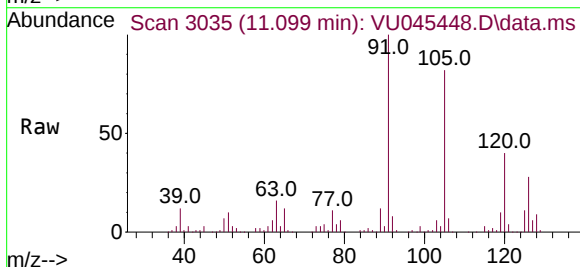
Instrument :
MSVOA_U
ClientSampleId :

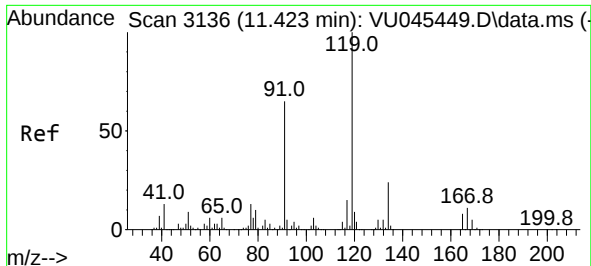
Tgt Ion: 75 Resp: 28887
Ion Ratio Lower Upper
75 100
53 99.0 76.2 114.4
89 41.7 34.0 51.0



#82
4-Chlorotoluene
Concen: 19.528 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU045448.D
Acq: 28 Oct 2021 20:03

Tgt Ion: 91 Resp: 202388
Ion Ratio Lower Upper
91 100
126 27.6 13.8 41.4

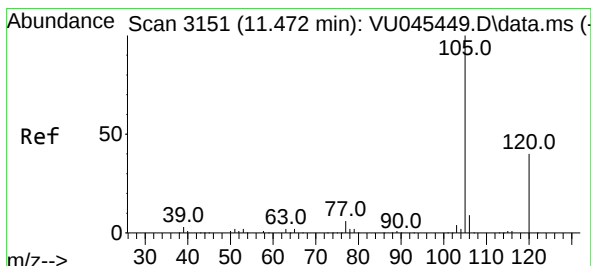
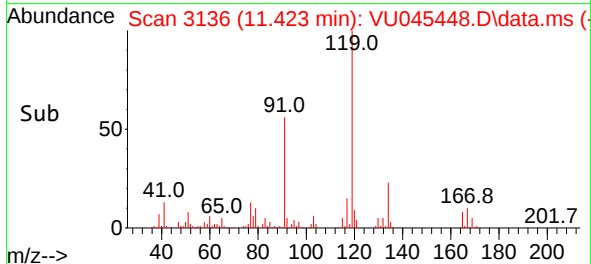
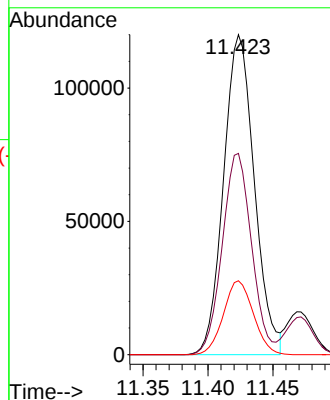
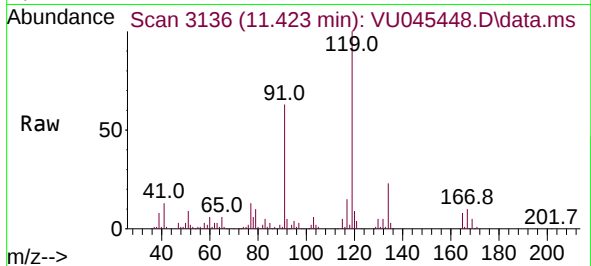




#83
tert-Butylbenzene
Concen: 19.398 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU045448.D
Acq: 28 Oct 2021 20:03

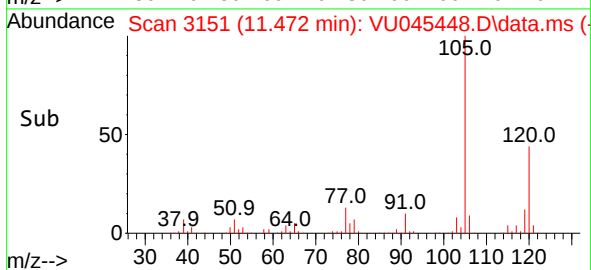
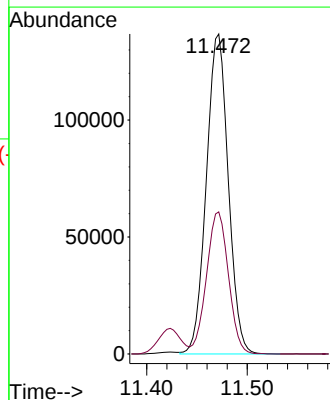
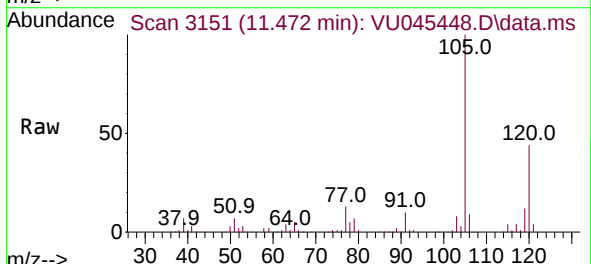
Instrument :
MSVOA_U
ClientSampleId :

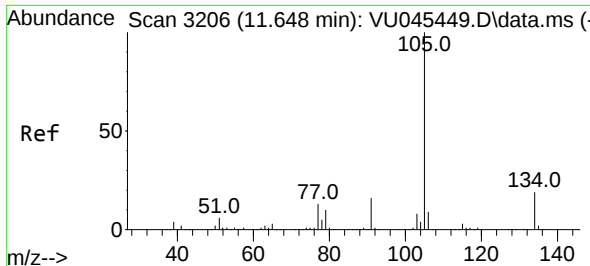
Tgt Ion:119 Resp: 197804
Ion Ratio Lower Upper
119 100
91 60.1 30.5 91.5
134 22.5 11.5 34.5



#84
1,2,4-Trimethylbenzene
Concen: 19.934 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU045448.D
Acq: 28 Oct 2021 20:03

Tgt Ion:105 Resp: 207127
Ion Ratio Lower Upper
105 100
120 44.5 22.2 66.6

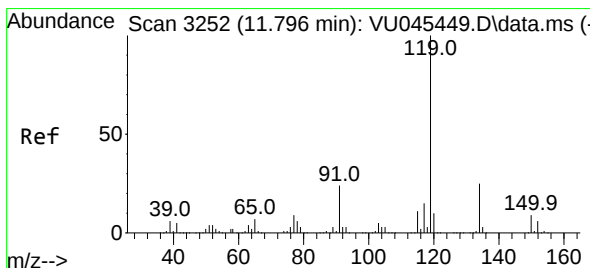
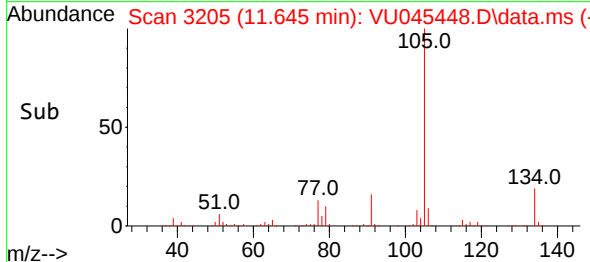
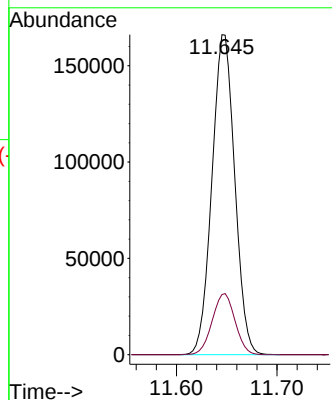
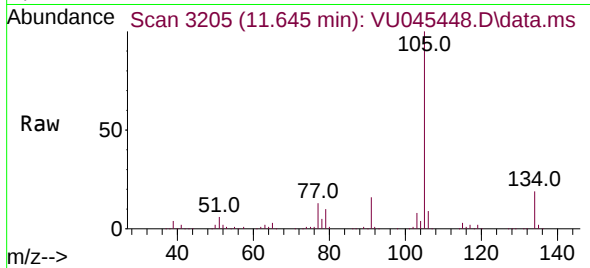




#85
 sec-Butylbenzene
 Concen: 19.852 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU045448.D
 Acq: 28 Oct 2021 20:03

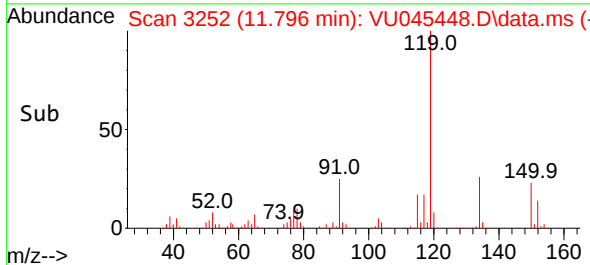
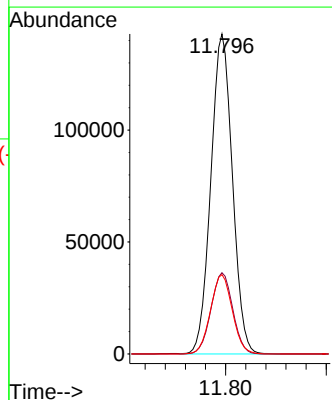
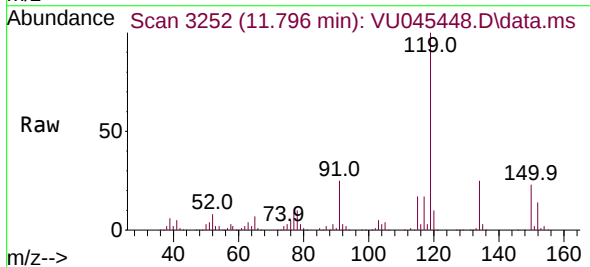
Instrument :
 MSVOA_U
 ClientSampleId :

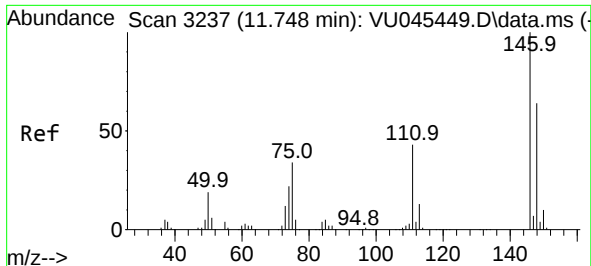
Tgt Ion:105 Resp: 261332
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.4 28.3



#86
 p-Isopropyltoluene
 Concen: 20.093 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU045448.D
 Acq: 28 Oct 2021 20:03

Tgt Ion:119 Resp: 212657
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.7 38.1
 91 25.0 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 19.557 ug/l

RT: 11.748 min Scan# 3237

Delta R.T. 0.000 min

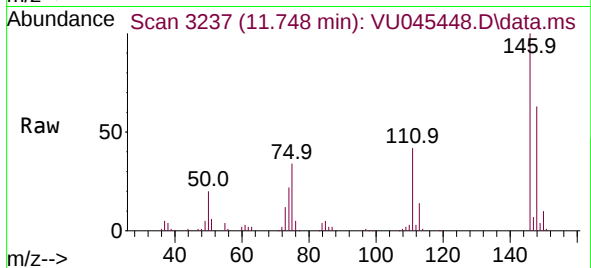
Lab File: VU045448.D

Acq: 28 Oct 2021 20:03

Instrument :

MSVOA_U

ClientSampleId :



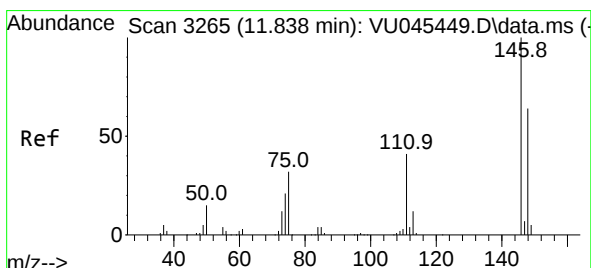
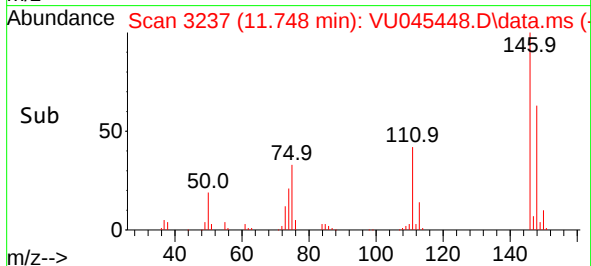
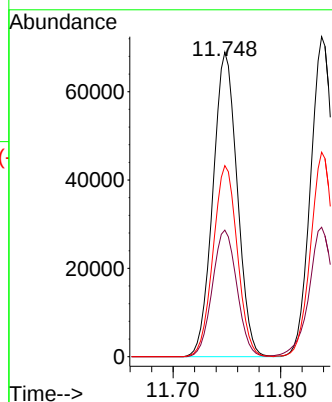
Tgt Ion:146 Resp: 108294

Ion Ratio Lower Upper

146 100

111 41.9 21.3 63.9

148 62.4 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 19.328 ug/l

RT: 11.838 min Scan# 3265

Delta R.T. 0.000 min

Lab File: VU045448.D

Acq: 28 Oct 2021 20:03

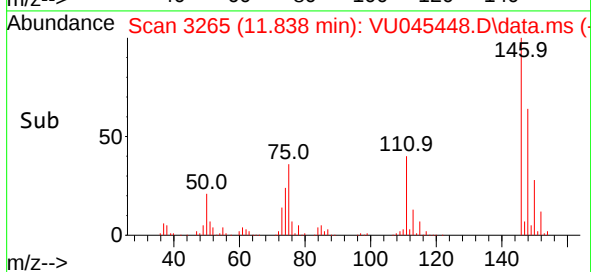
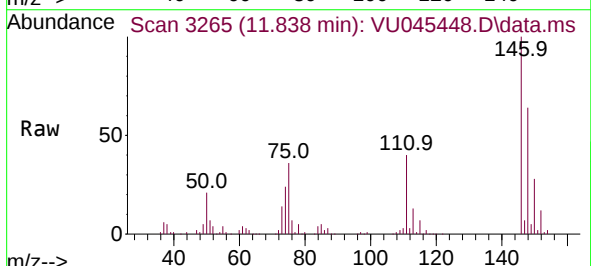
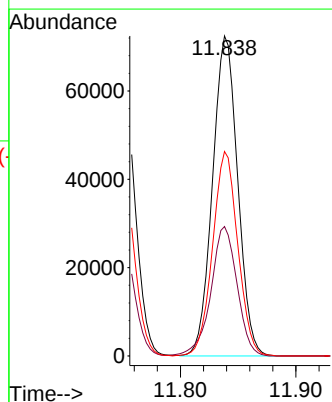
Tgt Ion:146 Resp: 109655

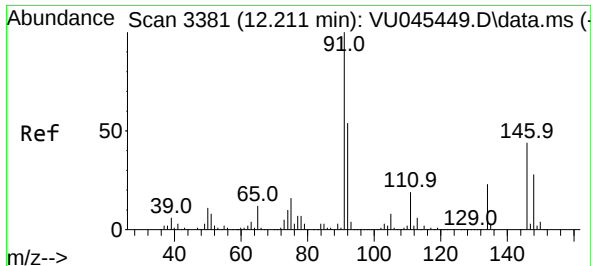
Ion Ratio Lower Upper

146 100

111 42.1 20.6 61.9

148 64.1 31.9 95.7





#89

n-Butylbenzene

Concen: 20.116 ug/l

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU045448.D

Acq: 28 Oct 2021 20:03

Instrument :

MSVOA_U

ClientSampleId :

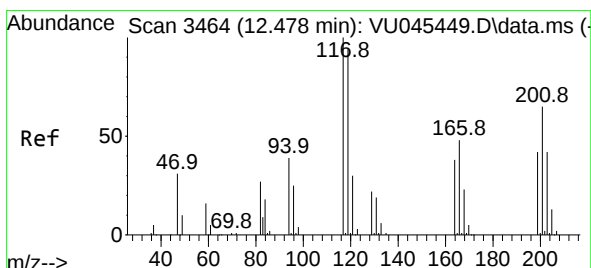
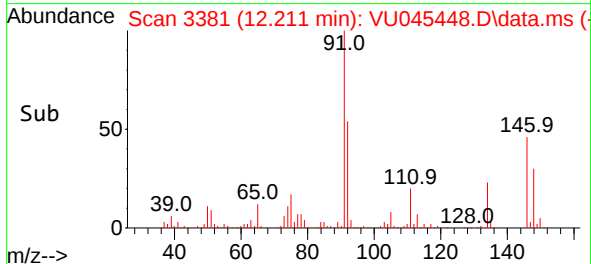
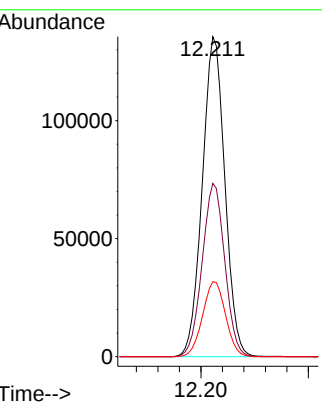
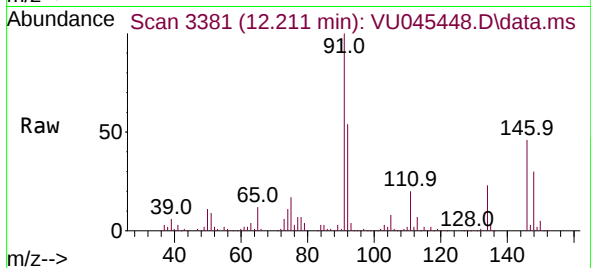
Tgt Ion: 91 Resp: 197556

Ion Ratio Lower Upper

91 100

92 54.3 27.1 81.2

134 23.8 11.8 35.4



#90

Hexachloroethane

Concen: 18.707 ug/l

RT: 12.478 min Scan# 3464

Delta R.T. 0.000 min

Lab File: VU045448.D

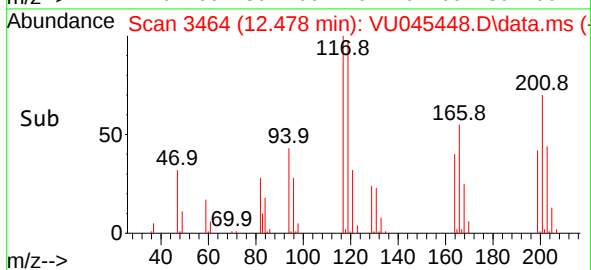
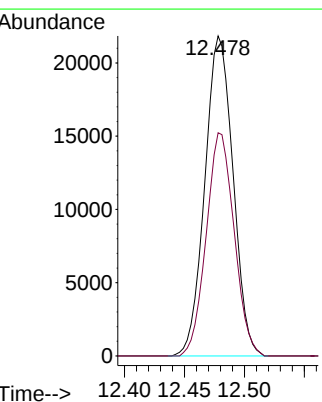
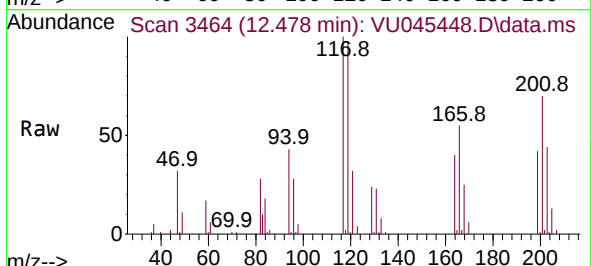
Acq: 28 Oct 2021 20:03

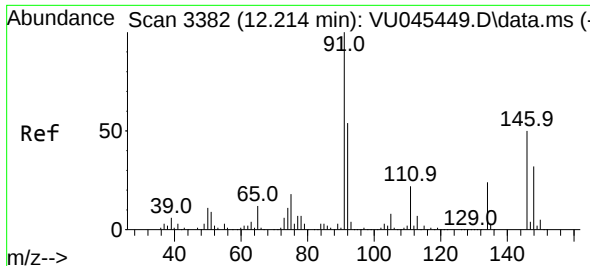
Tgt Ion: 117 Resp: 35703

Ion Ratio Lower Upper

117 100

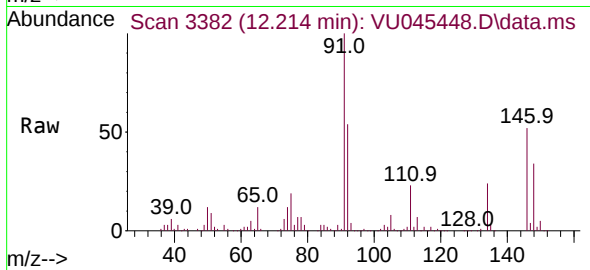
201 69.0 33.8 101.4



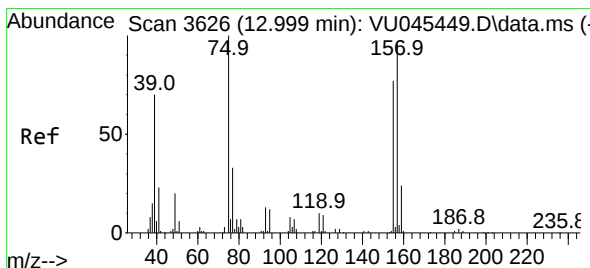
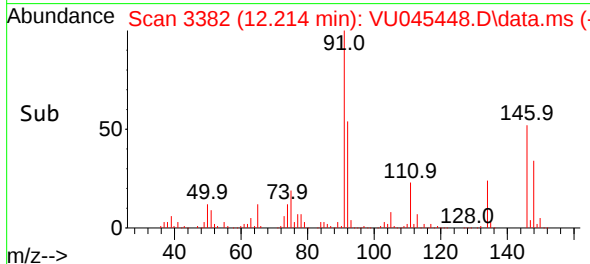
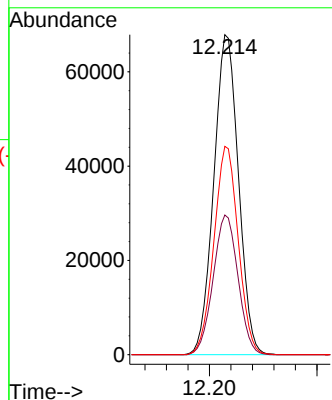


#91
1,2-Dichlorobenzene
Concen: 19.131 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU045448.D
Acq: 28 Oct 2021 20:03

Instrument :
MSVOA_U
ClientSampleId :

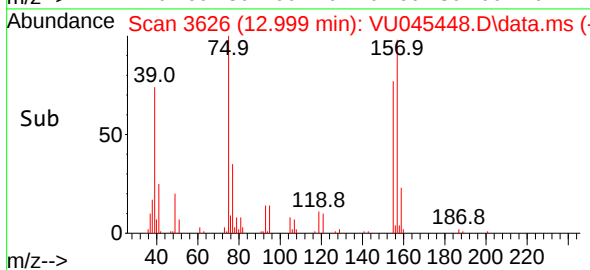
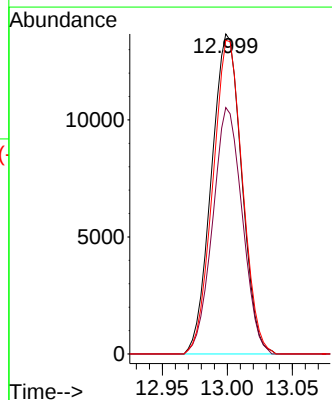
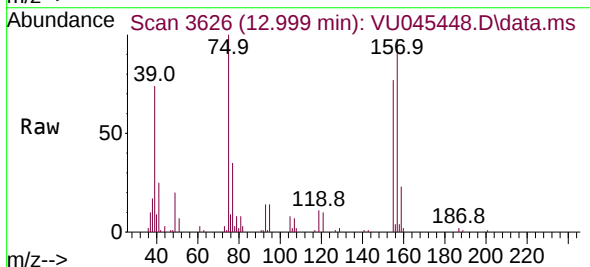


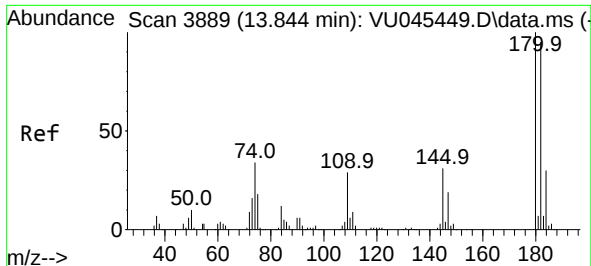
Tgt Ion:146 Resp: 108084
Ion Ratio Lower Upper
146 100
111 44.0 21.9 65.5
148 64.3 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.201 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU045448.D
Acq: 28 Oct 2021 20:03

Tgt Ion: 75 Resp: 22105
Ion Ratio Lower Upper
75 100
155 75.4 37.8 113.3
157 95.9 48.4 145.2

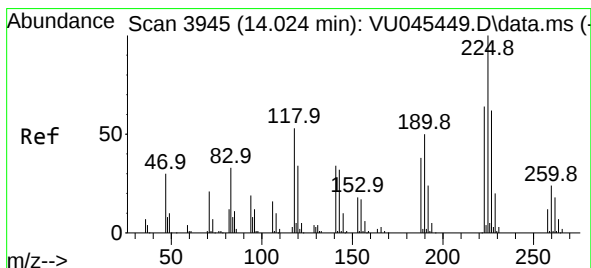
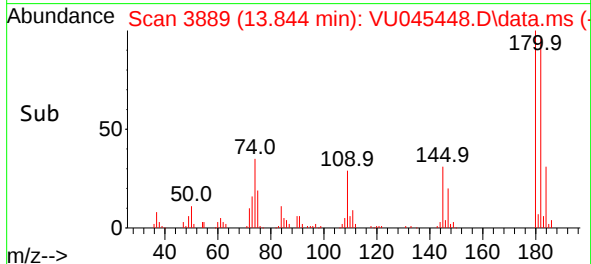
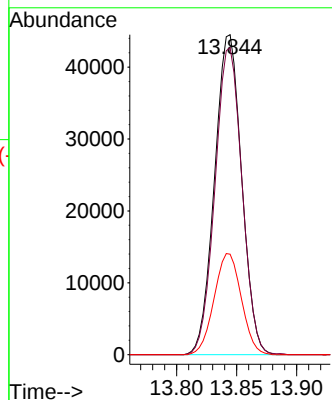
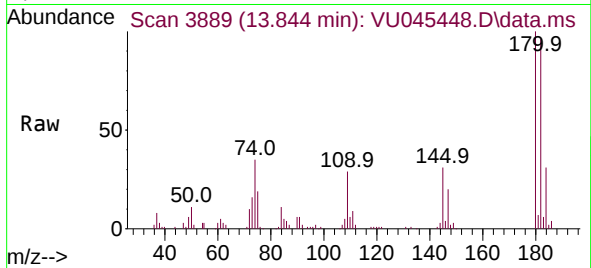




#93
 1,2,4-Trichlorobenzene
 Concen: 21.501 ug/l
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.000 min
 Lab File: VU045448.D
 Acq: 28 Oct 2021 20:03

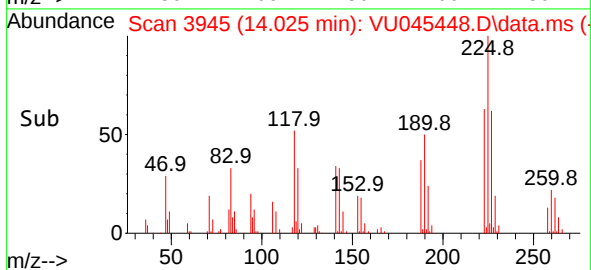
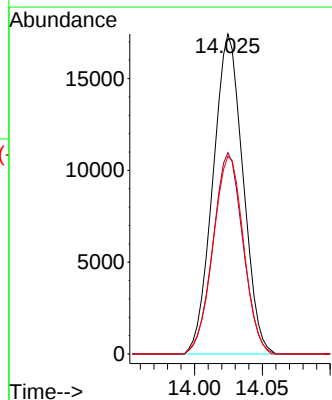
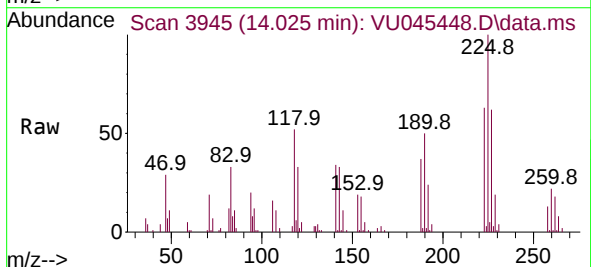
Instrument :
 MSVOA_U
 ClientSampleId :

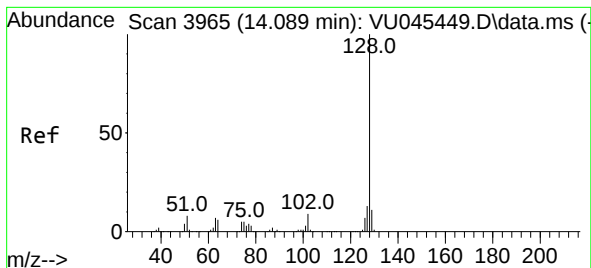
Tgt Ion:180 Resp: 69833
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.0 141.2
 145 31.8 15.6 46.7



#94
 Hexachlorobutadiene
 Concen: 20.105 ug/l
 RT: 14.025 min Scan# 3945
 Delta R.T. 0.000 min
 Lab File: VU045448.D
 Acq: 28 Oct 2021 20:03

Tgt Ion:225 Resp: 26806
 Ion Ratio Lower Upper
 225 100
 223 62.9 32.0 96.2
 227 62.7 31.1 93.5





#95

Naphthalene

Concen: 21.969 ug/l

RT: 14.089 min Scan# 3965

Delta R.T. 0.000 min

Lab File: VU045448.D

Acq: 28 Oct 2021 20:03

Instrument :

MSVOA_U

ClientSampleId :

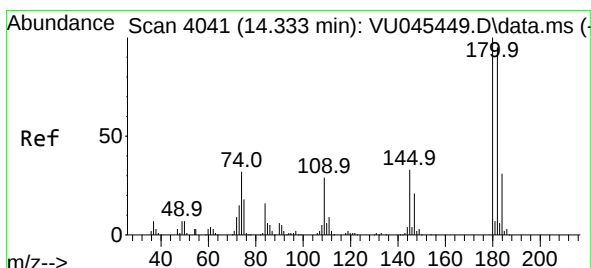
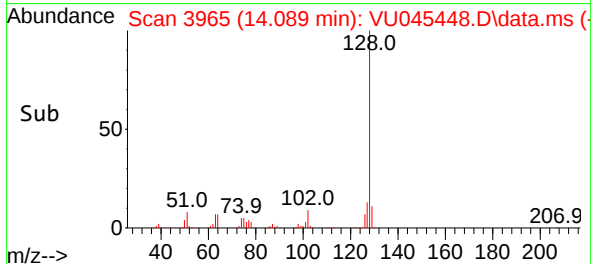
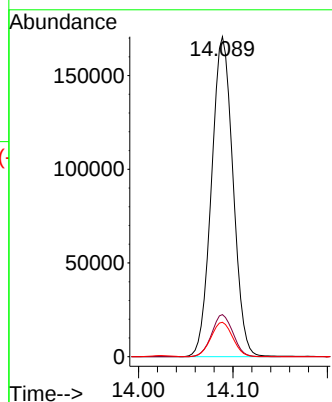
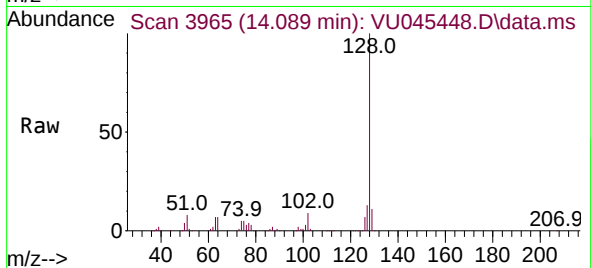
Tgt Ion:128 Resp: 269534

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 22.504 ug/l

RT: 14.333 min Scan# 4041

Delta R.T. 0.000 min

Lab File: VU045448.D

Acq: 28 Oct 2021 20:03

Tgt Ion:180 Resp: 73750

Ion Ratio Lower Upper

180 100

182 95.1 47.7 143.1

145 33.5 16.7 50.0

