

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102921\
 Data File : VU045447.D
 Acq On : 28 Oct 2021 19:40
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 29 04:02:34 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	5.378	168	194697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	361772	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	336565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	160454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	15788	4.859	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	9.720%#
35) Dibromofluoromethane	5.295	113	10975	4.771	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	9.540%#
50) Toluene-d8	7.902	98	41556	4.565	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	9.140%#
62) 4-Bromofluorobenzene	10.635	95	16113	4.374	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	8.740%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	9608	3.915	ug/l	98
3) Chloromethane	1.520	50	16905	5.207	ug/l	99
4) Vinyl Chloride	1.604	62	13196	4.221	ug/l	99
5) Bromomethane	1.858	94	9543	6.977	ug/l	94
6) Chloroethane	1.932	64	8050	3.475	ug/l	97
7) Trichlorofluoromethane	2.137	101	15431	3.835	ug/l	96
8) Diethyl Ether	2.379	74	7508	4.059	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.581	101	9314	4.032	ug/l	99
10) Methyl Iodide	2.726	142	3747	1.641	ug/l #	94
11) Tert butyl alcohol	3.218	59	14657	16.622	ug/l	97
12) 1,1-Dichloroethene	2.581	96	9009	3.947	ug/l	98
13) Acrolein	2.494	56	3899	19.864	ug/l	97
14) Allyl chloride	2.925	41	17206	4.067	ug/l	97
15) Acrylonitrile	3.324	53	35281	19.247	ug/l	99
16) Acetone	2.642	43	30896	16.878	ug/l	93
17) Carbon Disulfide	2.797	76	26515	3.928	ug/l	97
18) Methyl Acetate	2.954	43	22842	4.114	ug/l	97
19) Methyl tert-butyl Ether	3.366	73	33886	3.873	ug/l	98
20) Methylene Chloride	3.051	84	12389	4.322	ug/l	99
21) trans-1,2-Dichloroethene	3.356	96	10241	4.103	ug/l	98
22) Diisopropyl ether	3.996	45	33245	3.864	ug/l	88
23) Vinyl Acetate	3.960	43	125042	18.075	ug/l	100
24) 1,1-Dichloroethane	3.874	63	20229	4.093	ug/l	99
25) 2-Butanone	4.713	43	46295	17.632	ug/l	99
26) 2,2-Dichloropropane	4.671	77	15431	3.755	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	11894	4.041	ug/l	95
28) Bromochloromethane	4.977	49	11484	5.469	ug/l	99
29) Tetrahydrofuran	5.060	42	30018	18.971	ug/l	99
30) Chloroform	5.092	83	19751	3.995	ug/l	100
31) Cyclohexane	5.388	56	23300	4.789	ug/l #	83
32) 1,1,1-Trichloroethane	5.321	97	15390	3.773	ug/l	95
36) 1,1-Dichloropropene	5.530	75	14710	3.955	ug/l	99
37) Ethyl Acetate	4.809	43	17486	3.598	ug/l	99
38) Carbon Tetrachloride	5.526	117	12727	3.967	ug/l	93
39) Methylcyclohexane	6.767	83	17431	3.813	ug/l	100
40) Benzene	5.777	78	44536	4.015	ug/l	99

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 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 29 04:02:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	9310	3.715	ug/l	99
42) 1,2-Dichloroethane	5.800	62	16849	3.910	ug/l	98
43) Isopropyl Acetate	5.915	43	26331	3.601	ug/l	99
44) Trichloroethene	6.546	130	10155	3.888	ug/l	97
45) 1,2-Dichloropropane	6.796	63	11698	3.978	ug/l	94
46) Dibromomethane	6.922	93	7479	3.789	ug/l	99
47) Bromodichloromethane	7.108	83	14799	3.857	ug/l	100
48) Methyl methacrylate	6.964	41	11934	3.367	ug/l	99
49) 1,4-Dioxane	7.005	88	6577	79.192	ug/l #	99
51) 4-Methyl-2-Pentanone	7.793	43	84454	16.185	ug/l	100
52) Toluene	7.973	92	27352	3.953	ug/l	99
53) t-1,3-Dichloropropene	8.214	75	15420	3.537	ug/l	92
54) cis-1,3-Dichloropropene	7.610	75	17715	3.866	ug/l	98
55) 1,1,2-Trichloroethane	8.404	97	10921	3.810	ug/l	97
56) Ethyl methacrylate	8.337	69	15714	3.184	ug/l	97
57) 1,3-Dichloropropane	8.578	76	19843	3.874	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.465	63	54571	33.882	ug/l	99
59) 2-Hexanone	8.687	43	64568	15.377	ug/l	97
60) Dibromochloromethane	8.812	129	10030	3.705	ug/l	95
61) 1,2-Dibromoethane	8.925	107	11200	3.689	ug/l	98
64) Tetrachloroethene	8.555	164	8215	3.827	ug/l	98
65) Chlorobenzene	9.449	112	27039	3.907	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.539	131	9177	3.824	ug/l	98
67) Ethyl Benzene	9.574	91	48451	3.810	ug/l	99
68) m/p-Xylenes	9.697	106	36494	7.395	ug/l	99
69) o-Xylene	10.102	106	17943	3.677	ug/l	98
70) Styrene	10.118	104	28298	3.470	ug/l	100
71) Bromoform	10.291	173	6747	3.356	ug/l #	98
73) Isopropylbenzene	10.488	105	45412	3.841	ug/l	99
74) N-amyl acetate	10.320	43	19507	3.331	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	18820	3.755	ug/l	99
76) 1,2,3-Trichloropropane	10.828	75	20408	4.435	ug/l	96
77) Bromobenzene	10.787	156	10707	3.775	ug/l	97
78) n-propylbenzene	10.909	91	55363	3.852	ug/l	99
79) 2-Chlorotoluene	10.989	91	34324	3.824	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	37616	3.659	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.552	75	4912	3.023	ug/l	91
82) 4-Chlorotoluene	11.098	91	38434	3.794	ug/l	100
83) tert-Butylbenzene	11.423	119	36566	3.669	ug/l	99
84) 1,2,4-Trimethylbenzene	11.471	105	36742	3.618	ug/l	98
85) sec-Butylbenzene	11.645	105	48127	3.741	ug/l	99
86) p-Isopropyltoluene	11.796	119	38216	3.695	ug/l	98
87) 1,3-Dichlorobenzene	11.748	146	21664	4.003	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	21557	3.888	ug/l	93
89) n-Butylbenzene	12.211	91	35174	3.665	ug/l	98
90) Hexachloroethane	12.481	117	6593	3.534	ug/l	98
91) 1,2-Dichlorobenzene	12.217	146	21585	3.909	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	4210	3.547	ug/l	98
93) 1,2,4-Trichlorobenzene	13.844	180	13025	4.103	ug/l	97
94) Hexachlorobutadiene	14.024	225	5094	3.909	ug/l	99
95) Naphthalene	14.089	128	47339	3.948	ug/l	98
96) 1,2,3-Trichlorobenzene	14.333	180	13479	4.208	ug/l	100

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Sample : VSTDIC005
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

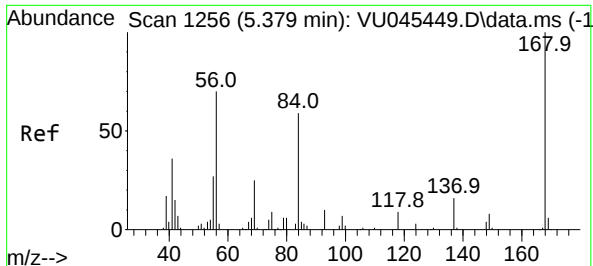
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 29 04:00:46 2021
Response via : Initial Calibration

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

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Quant Title : SW846 8260
QLast Update : Fri Oct 29 04:00:46 2021
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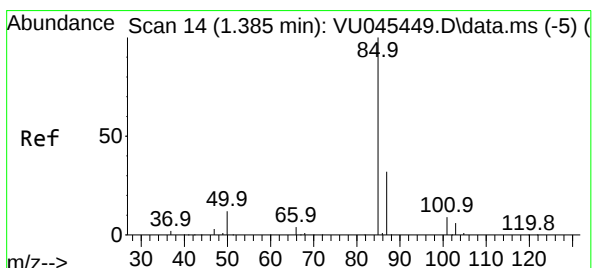
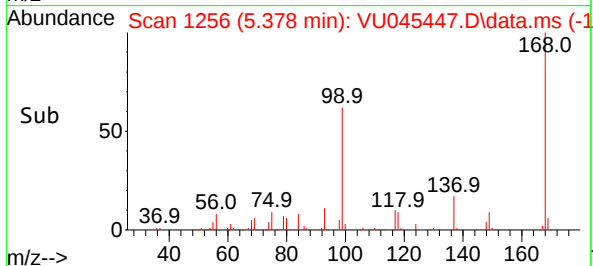
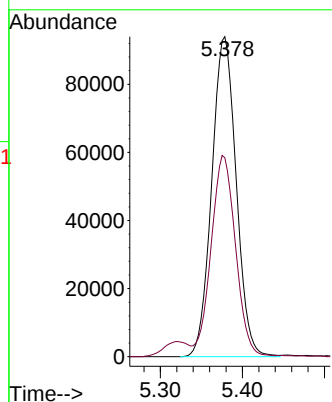
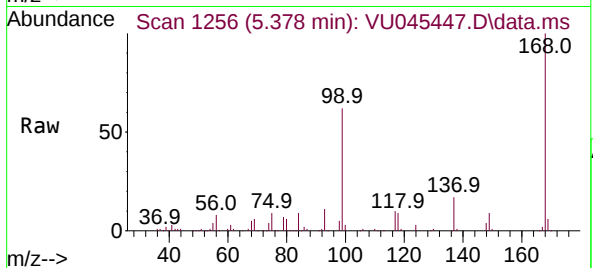




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. -0.001 min
Lab File: VU045447.D
Acq: 28 Oct 2021 19:40

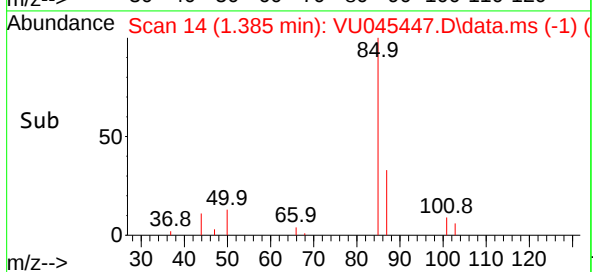
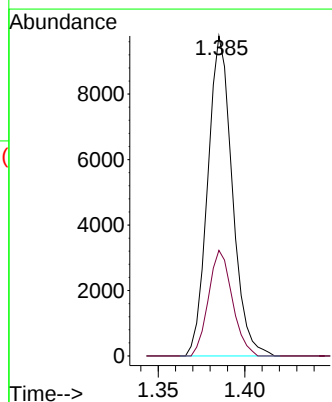
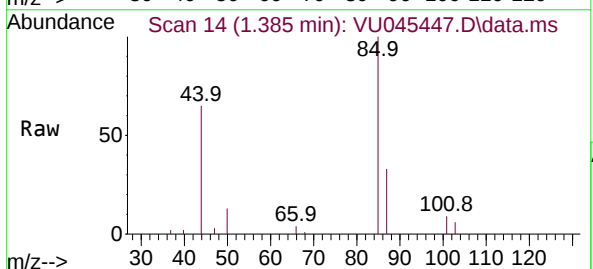
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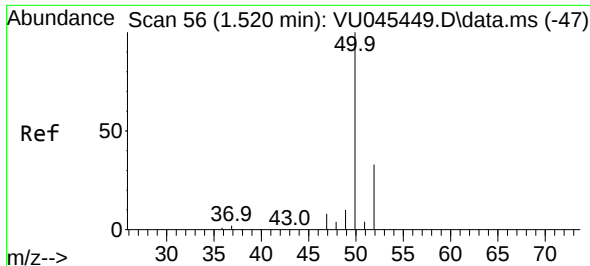
Tgt Ion:168 Resp: 194697
Ion Ratio Lower Upper
168 100
99 61.8 51.0 76.6



#2
Dichlorodifluoromethane
Concen: 3.915 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU045447.D
Acq: 28 Oct 2021 19:40

Tgt Ion: 85 Resp: 9608
Ion Ratio Lower Upper
85 100
87 33.0 15.9 47.7

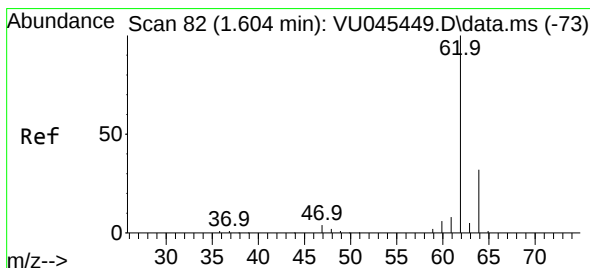
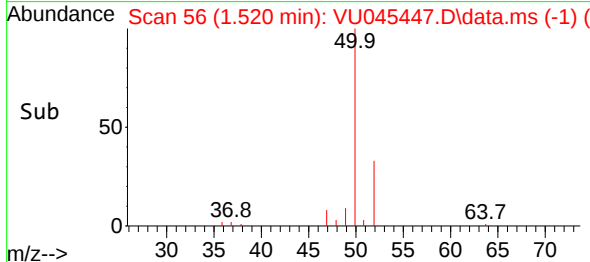
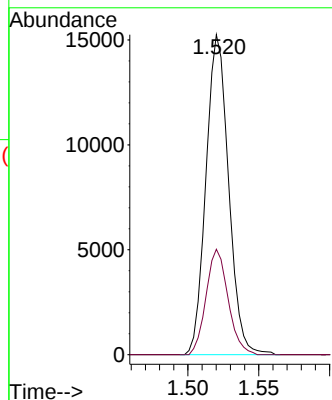
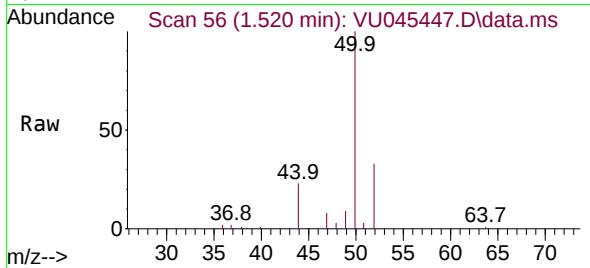




#3
Chloromethane
Concen: 5.207 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU045447.D
Acq: 28 Oct 2021 19:40

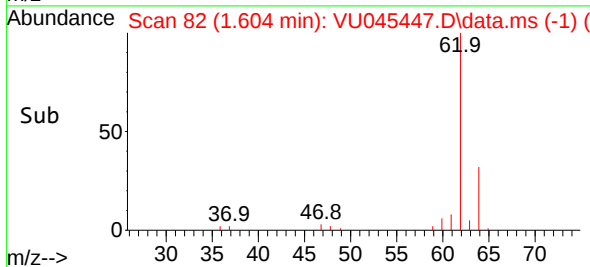
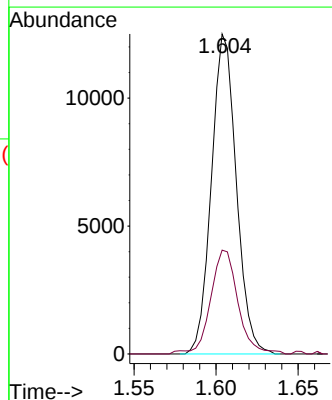
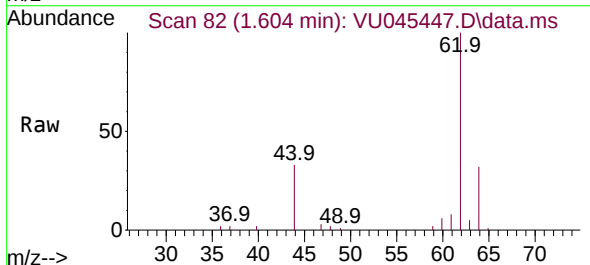
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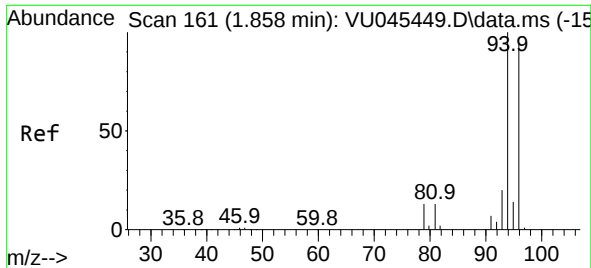
Tgt Ion: 50 Resp: 16905
Ion Ratio Lower Upper
50 100
52 33.0 26.6 40.0



#4
Vinyl Chloride
Concen: 4.221 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU045447.D
Acq: 28 Oct 2021 19:40

Tgt Ion: 62 Resp: 13196
Ion Ratio Lower Upper
62 100
64 31.7 25.8 38.6

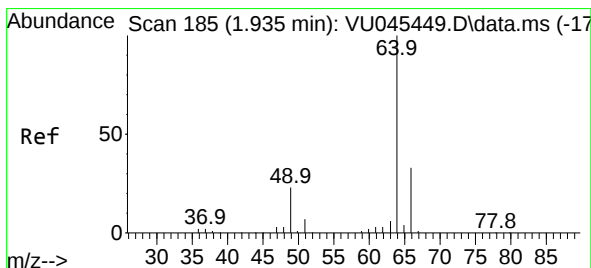
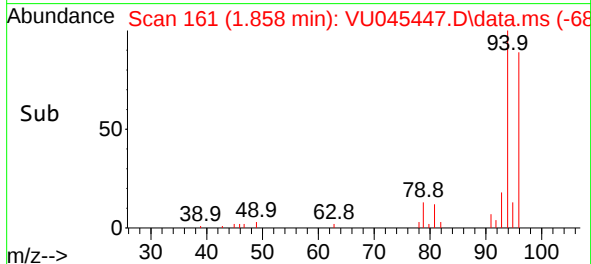
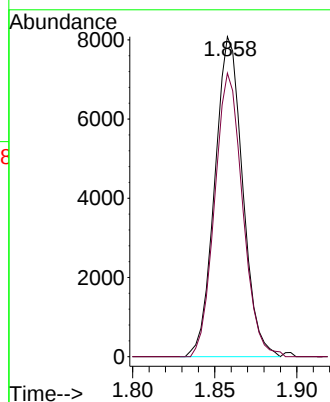
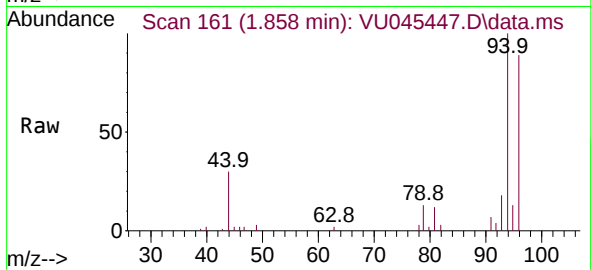




#5
Bromomethane
Concen: 6.977 ug/l
RT: 1.858 min Scan# 161
Delta R.T. -0.000 min
Lab File: VU045447.D
Acq: 28 Oct 2021 19:40

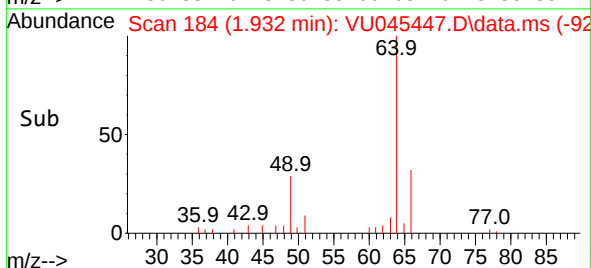
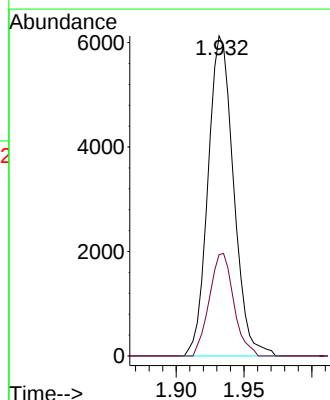
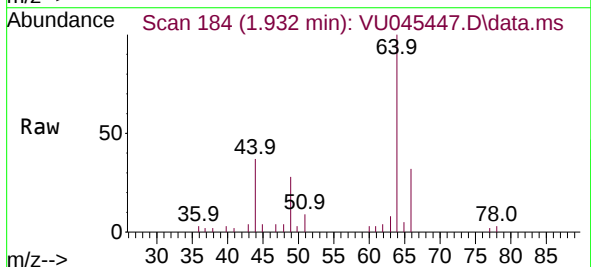
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MSVOA_U
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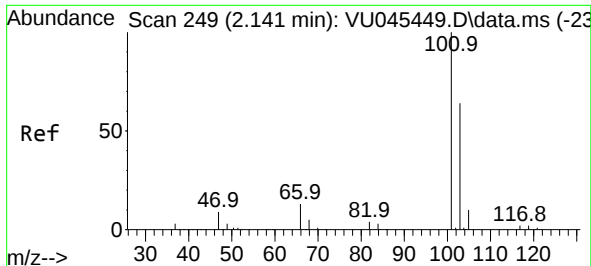
Tgt Ion: 94 Resp: 9543
Ion Ratio Lower Upper
94 100
96 88.6 75.4 113.2



#6
Chloroethane
Concen: 3.475 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.003 min
Lab File: VU045447.D
Acq: 28 Oct 2021 19:40

Tgt Ion: 64 Resp: 8050
Ion Ratio Lower Upper
64 100
66 31.6 26.7 40.1

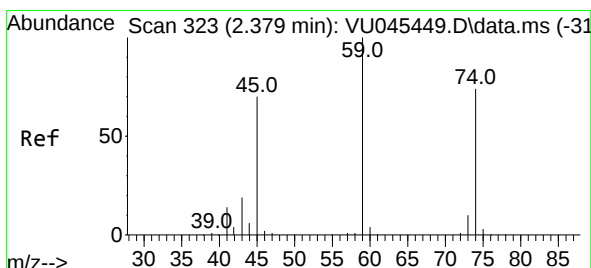
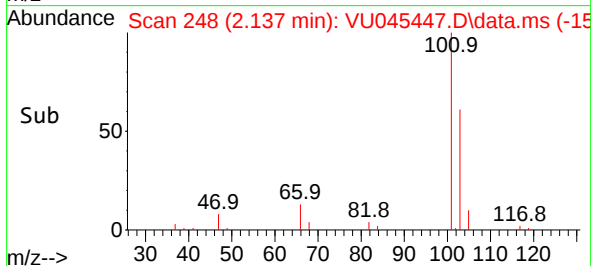
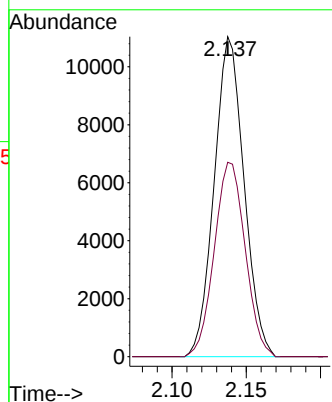
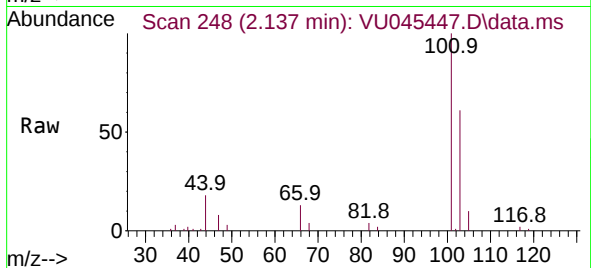




#7
 Trichlorofluoromethane
 Concen: 3.835 ug/l
 RT: 2.137 min Scan# 249
 Delta R.T. -0.003 min
 Lab File: VU045447.D
 Acq: 28 Oct 2021 19:40

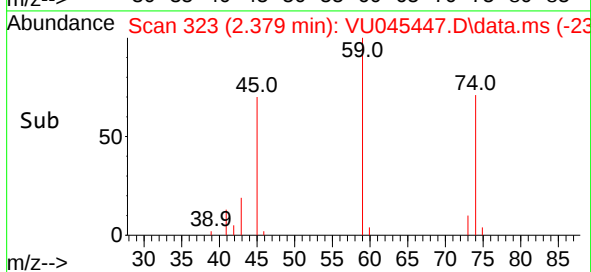
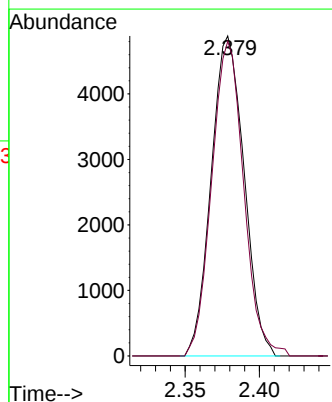
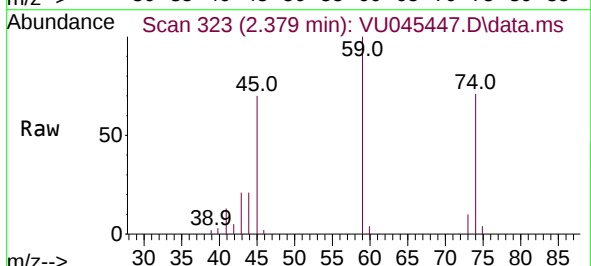
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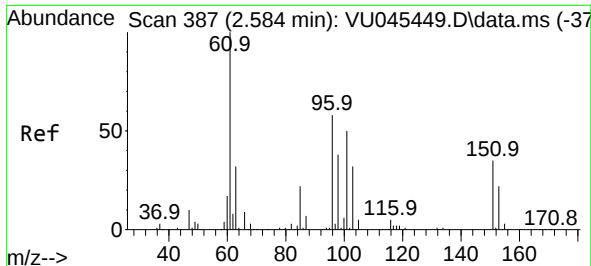
Tgt Ion:101 Resp: 15431
 Ion Ratio Lower Upper
 101 100
 103 60.7 51.4 77.0



#8
 Diethyl Ether
 Concen: 4.059 ug/l
 RT: 2.379 min Scan# 323
 Delta R.T. -0.000 min
 Lab File: VU045447.D
 Acq: 28 Oct 2021 19:40

Tgt Ion: 74 Resp: 7508
 Ion Ratio Lower Upper
 74 100
 45 95.6 47.3 141.8

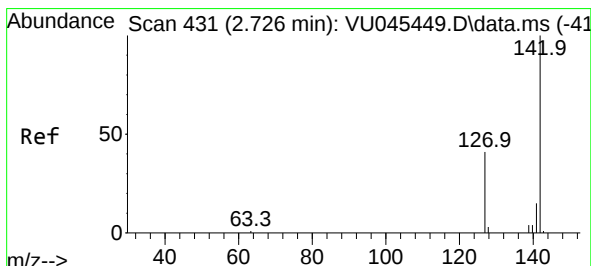
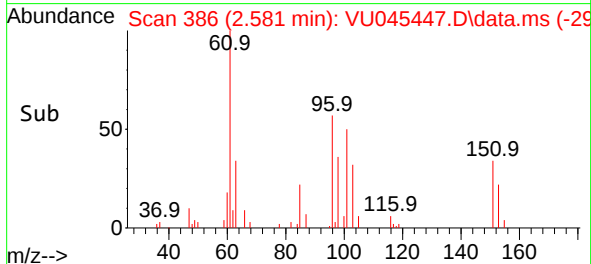
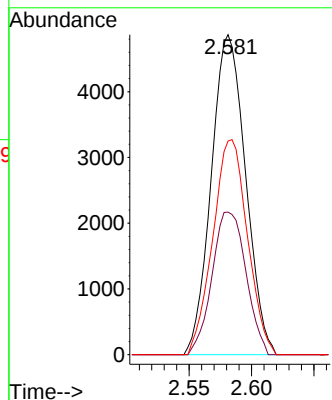
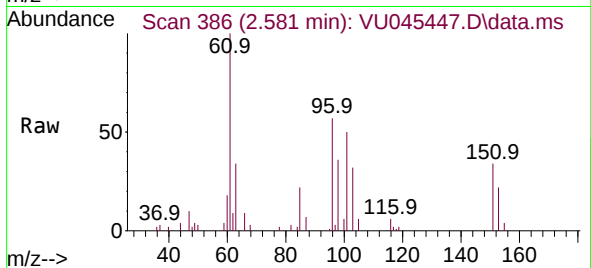




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.032 ug/l
RT: 2.581 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU045447.D
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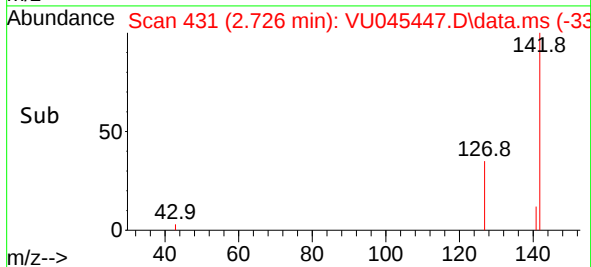
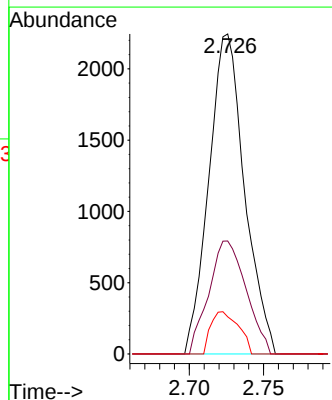
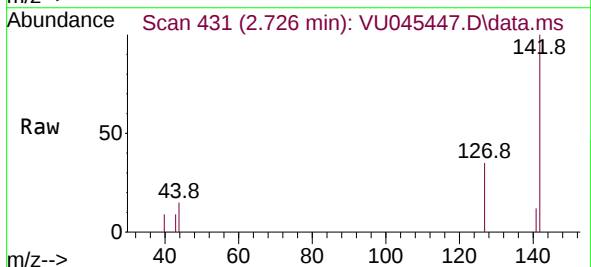
Instrument :
MSVOA_U
ClientSampleId :

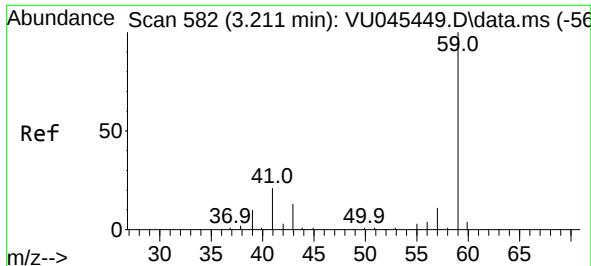
Tgt Ion:101 Resp: 9314
Ion Ratio Lower Upper
101 100
85 44.1 35.0 52.4
151 67.9 54.6 82.0



#10
Methyl Iodide
Concen: 1.641 ug/l
RT: 2.726 min Scan# 431
Delta R.T. -0.000 min
Lab File: VU045447.D
Acq: 28 Oct 2021 19:40

Tgt Ion:142 Resp: 3747
Ion Ratio Lower Upper
142 100
127 36.9 32.2 48.2
141 10.2 11.3 16.9#

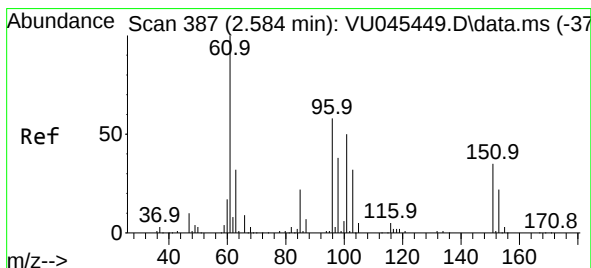
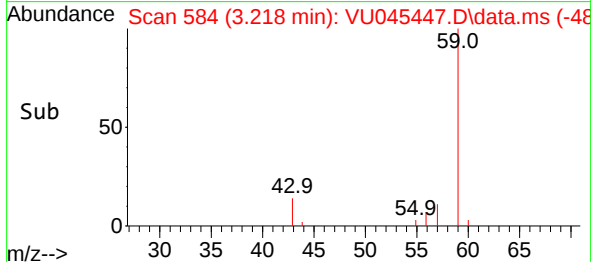
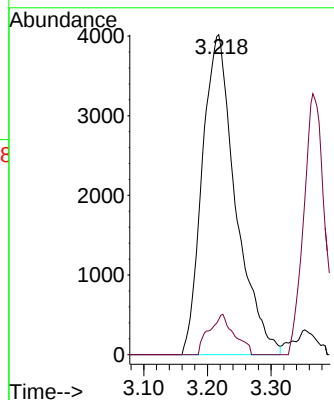
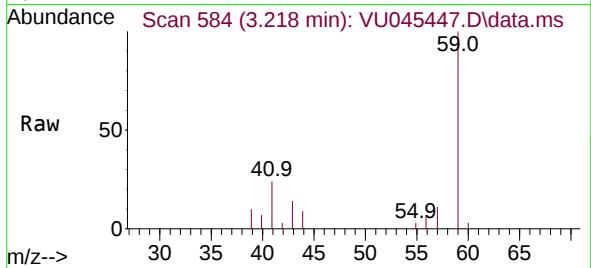




#11
Tert butyl alcohol
Concen: 16.622 ug/l
RT: 3.218 min Scan# 582
Delta R.T. 0.006 min
Lab File: VU045447.D
Acq: 28 Oct 2021 19:40

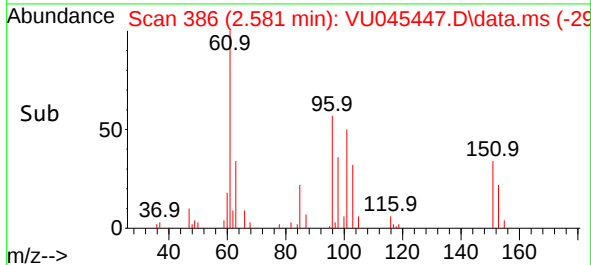
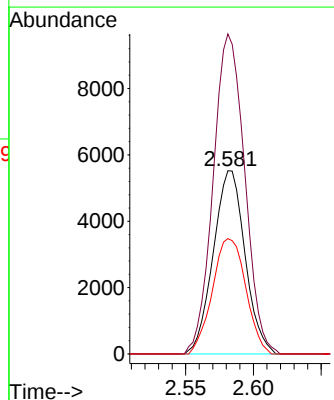
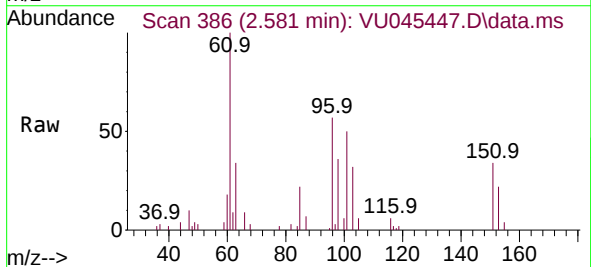
Instrument :
MSVOA_U
ClientSampleId :

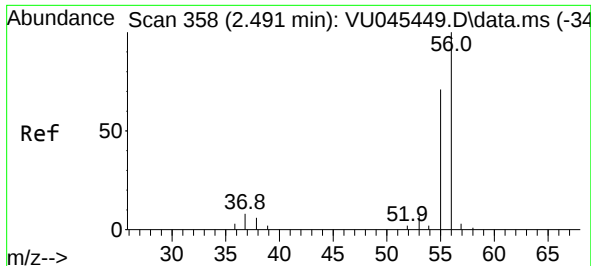
Tgt Ion: 59 Resp: 14657
Ion Ratio Lower Upper
59 100
57 9.4 8.3 12.5



#12
1,1-Dichloroethene
Concen: 3.947 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU045447.D
Acq: 28 Oct 2021 19:40

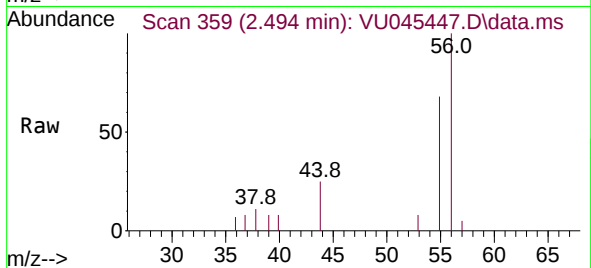
Tgt Ion: 96 Resp: 9009
Ion Ratio Lower Upper
96 100
61 174.7 137.1 205.7
98 63.0 51.5 77.3



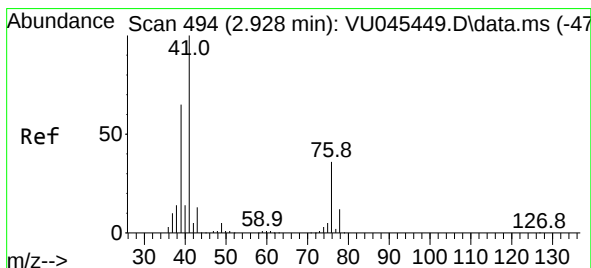
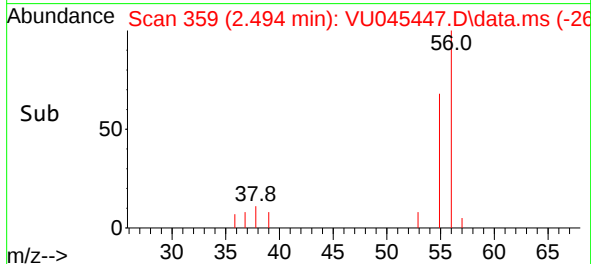
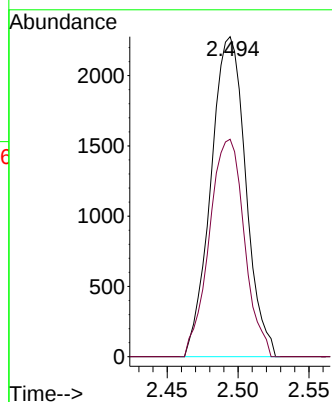


#13
Acrolein
Concen: 19.864 ug/l
RT: 2.494 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU045447.D
Acq: 28 Oct 2021 19:40

Instrument :
MSVOA_U
ClientSampleId :

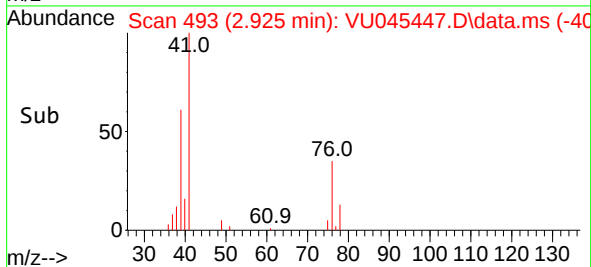
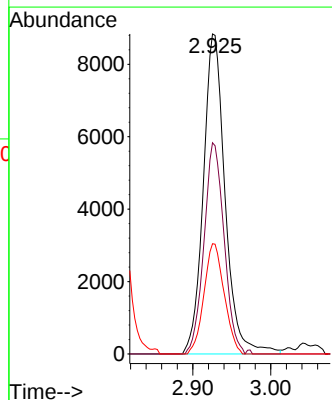
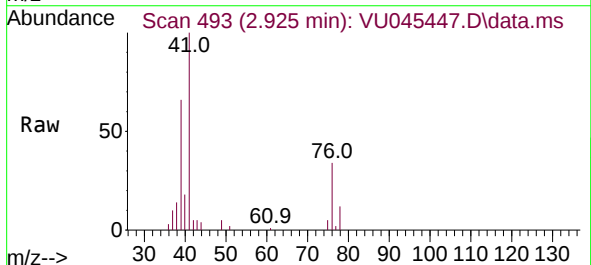


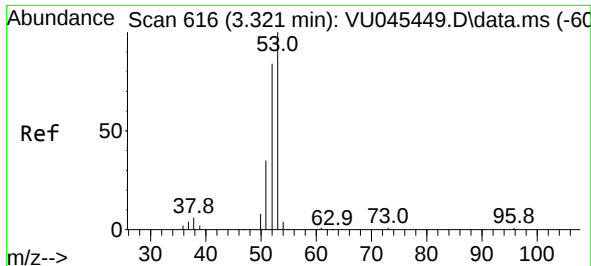
Tgt Ion: 56 Resp: 3899
Ion Ratio Lower Upper
56 100
55 68.2 56.3 84.5



#14
Allyl chloride
Concen: 4.067 ug/l
RT: 2.925 min Scan# 493
Delta R.T. -0.003 min
Lab File: VU045447.D
Acq: 28 Oct 2021 19:40

Tgt Ion: 41 Resp: 17206
Ion Ratio Lower Upper
41 100
39 60.7 49.7 74.5
76 31.9 27.7 41.5

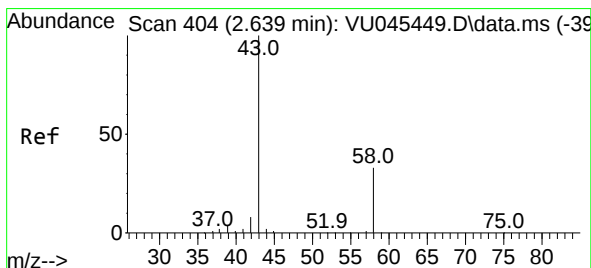
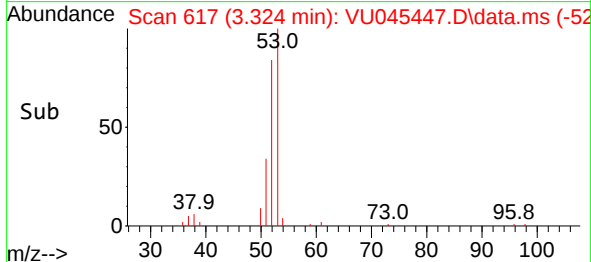
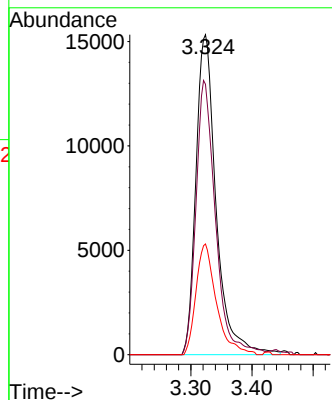
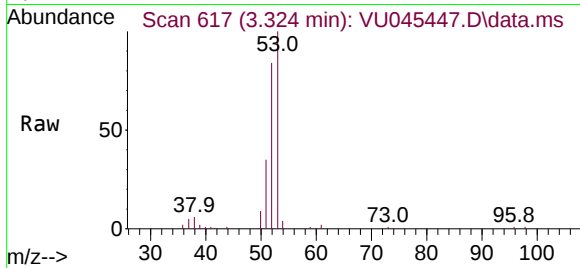




#15
Acrylonitrile
Concen: 19.247 ug/l
RT: 3.324 min Scan# 616
Delta R.T. 0.003 min
Lab File: VU045447.D
Acq: 28 Oct 2021 19:40

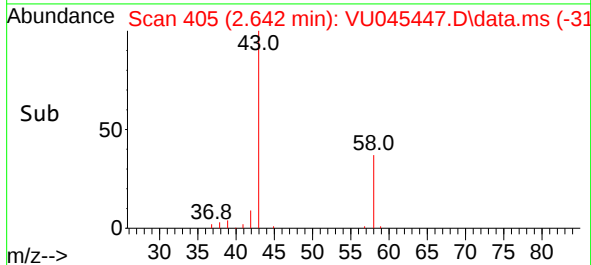
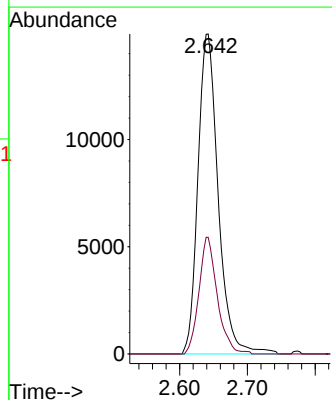
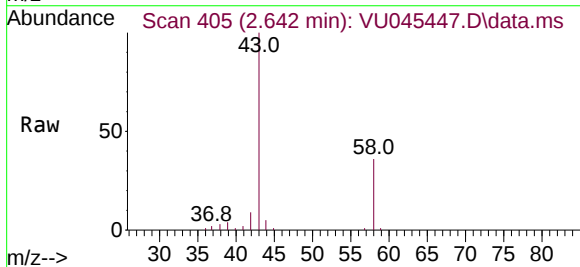
Instrument :
MSVOA_U
ClientSampleId :

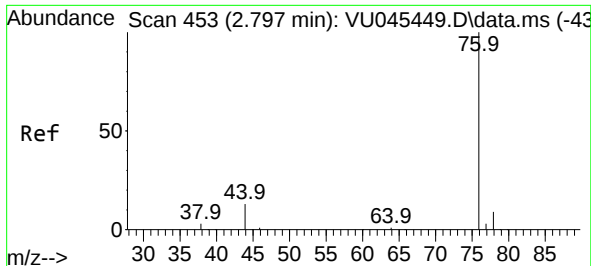
Tgt Ion: 53 Resp: 35281
Ion Ratio Lower Upper
53 100
52 82.7 66.6 100.0
51 34.9 28.4 42.6



#16
Acetone
Concen: 16.878 ug/l
RT: 2.642 min Scan# 405
Delta R.T. 0.003 min
Lab File: VU045447.D
Acq: 28 Oct 2021 19:40

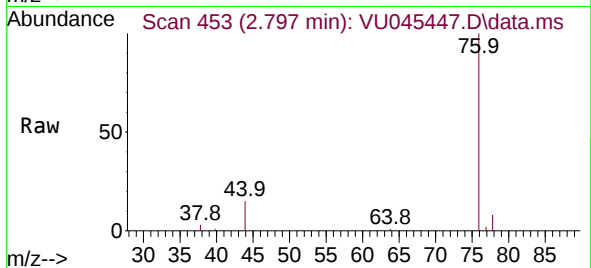
Tgt Ion: 43 Resp: 30896
Ion Ratio Lower Upper
43 100
58 36.5 26.2 39.2



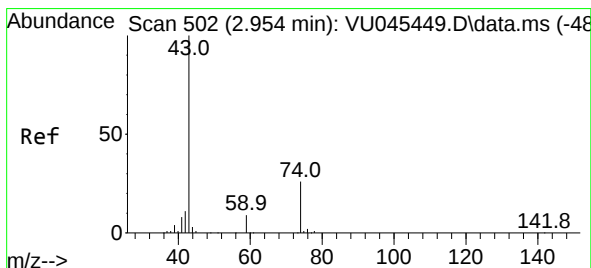
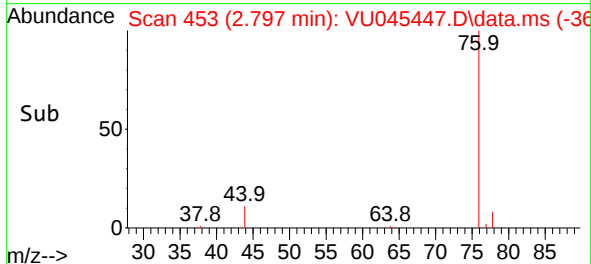
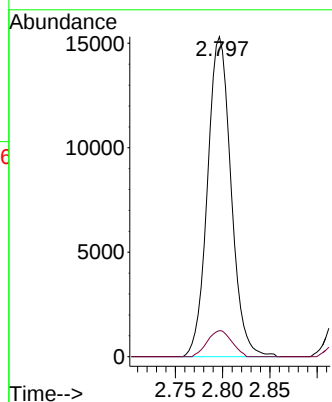


#17
Carbon Disulfide
Concen: 3.928 ug/l
RT: 2.797 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU045447.D
Acq: 28 Oct 2021 19:40

Instrument :
MSVOA_U
ClientSampleId :

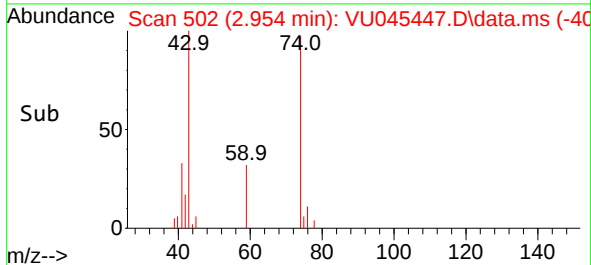
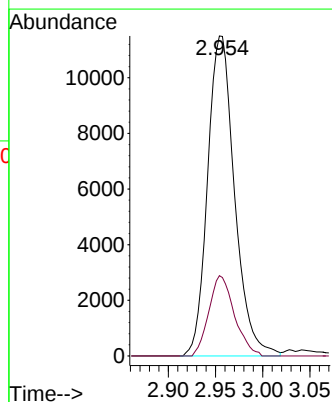
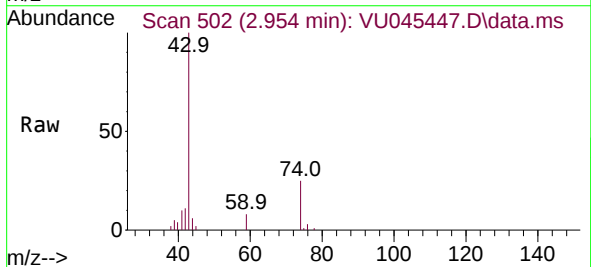


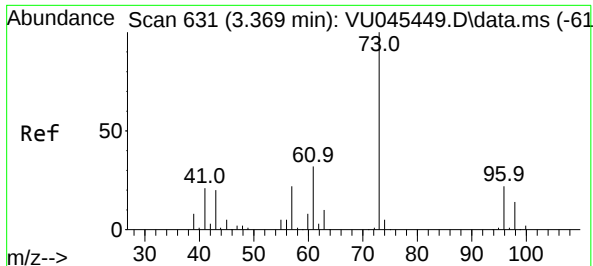
Tgt Ion: 76 Resp: 26515
Ion Ratio Lower Upper
76 100
78 8.1 7.3 10.9



#18
Methyl Acetate
Concen: 4.114 ug/l
RT: 2.954 min Scan# 502
Delta R.T. -0.000 min
Lab File: VU045447.D
Acq: 28 Oct 2021 19:40

Tgt Ion: 43 Resp: 22842
Ion Ratio Lower Upper
43 100
74 23.7 20.2 30.2





#19

Methyl tert-butyl Ether

Concen: 3.873 ug/l

RT: 3.366 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU045447.D

Acq: 28 Oct 2021 19:40

Instrument :

MSVOA_U

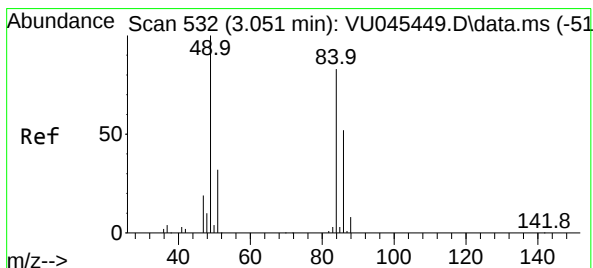
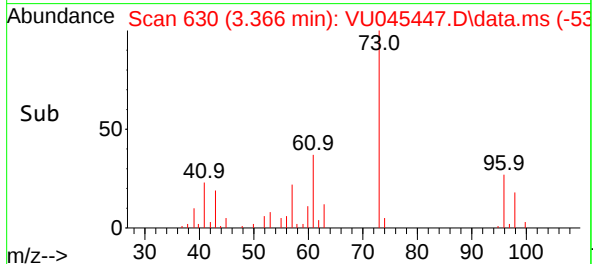
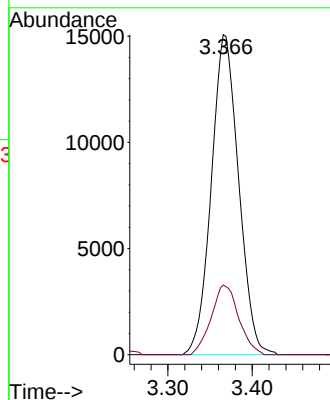
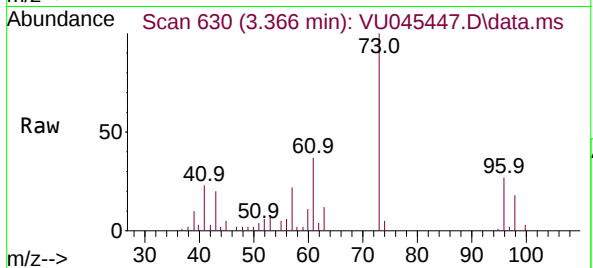
ClientSampleId :

Tgt Ion: 73 Resp: 33886

Ion Ratio Lower Upper

73 100

57 21.7 18.1 27.1



#20

Methylene Chloride

Concen: 4.322 ug/l

RT: 3.051 min Scan# 532

Delta R.T. -0.000 min

Lab File: VU045447.D

Acq: 28 Oct 2021 19:40

Tgt Ion: 84 Resp: 12389

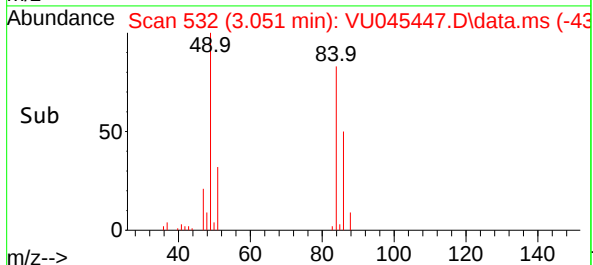
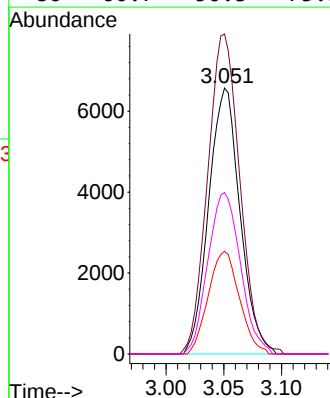
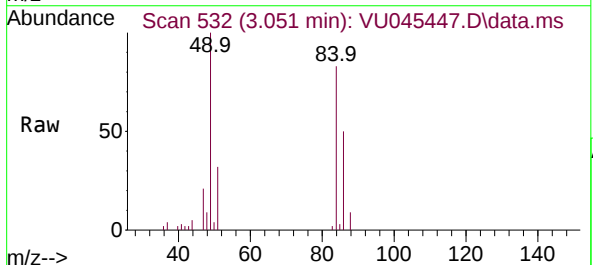
Ion Ratio Lower Upper

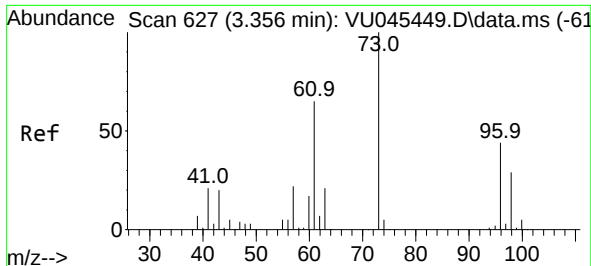
84 100

49 120.3 96.4 144.6

51 38.7 30.5 45.7

86 60.7 50.3 75.5

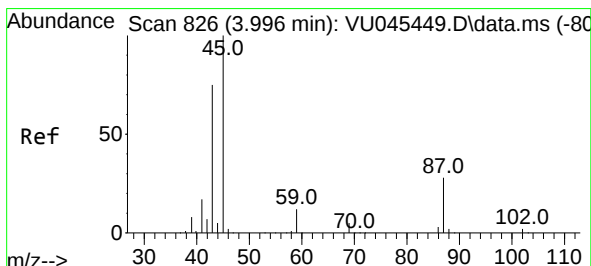
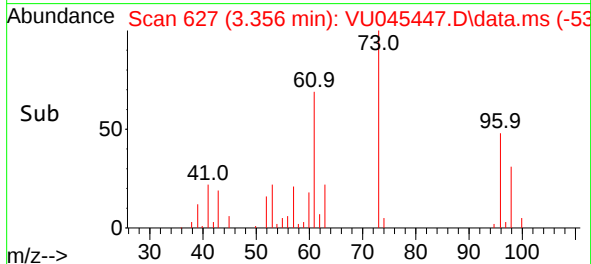
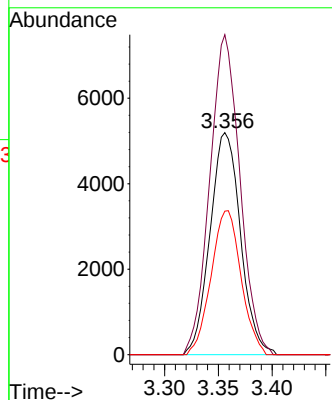
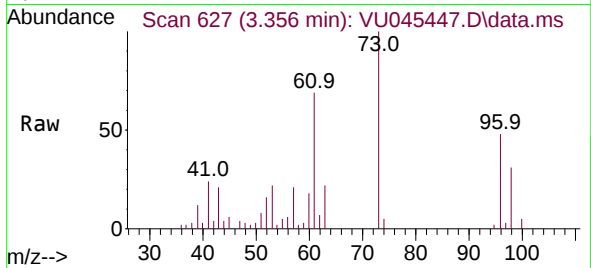




#21
trans-1,2-Dichloroethene
Concen: 4.103 ug/l
RT: 3.356 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU045447.D
Acq: 28 Oct 2021 19:40

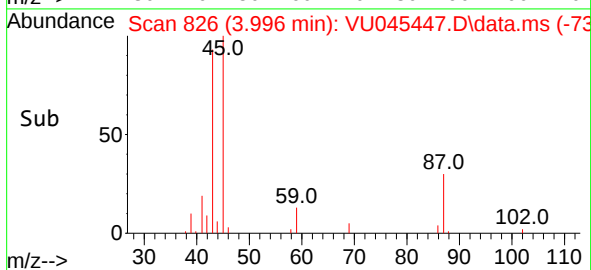
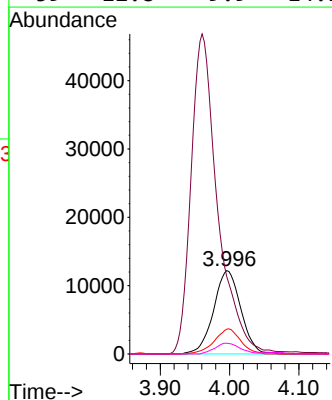
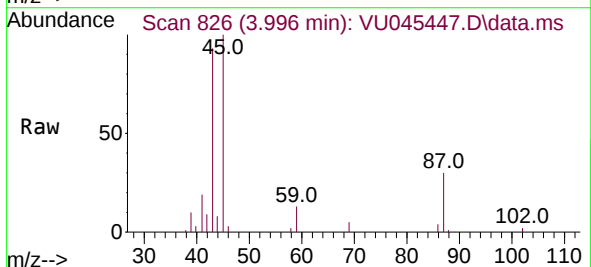
Instrument :
MSVOA_U
ClientSampleId :

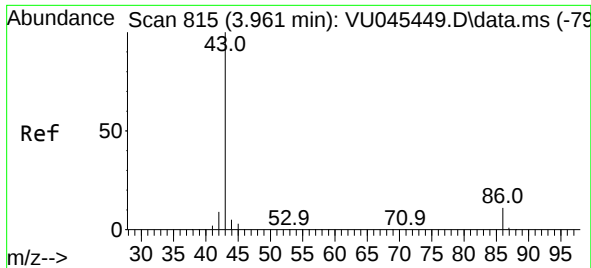
Tgt Ion: 96 Resp: 10241
Ion Ratio Lower Upper
96 100
61 144.1 118.2 177.4
98 64.6 52.1 78.1



#22
Diisopropyl ether
Concen: 3.864 ug/l
RT: 3.996 min Scan# 826
Delta R.T. -0.000 min
Lab File: VU045447.D
Acq: 28 Oct 2021 19:40

Tgt Ion: 45 Resp: 33245
Ion Ratio Lower Upper
45 100
43 89.7 60.0 90.0
87 29.7 22.3 33.5
59 12.8 9.9 14.9

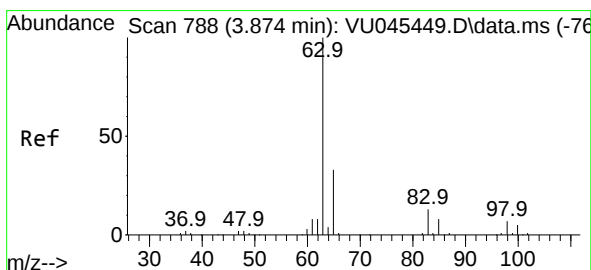
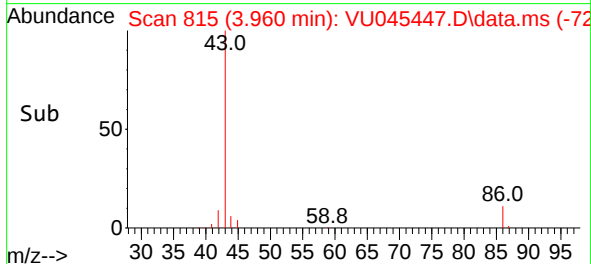
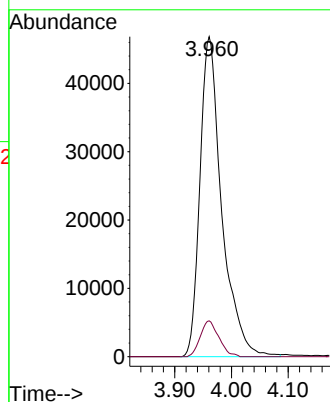
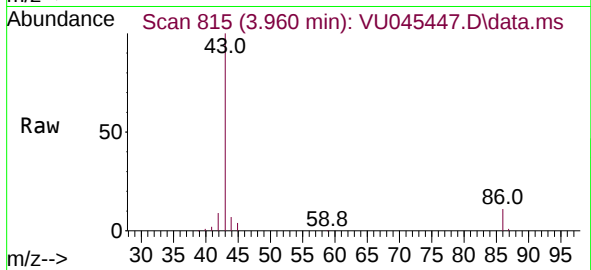




#23
 Vinyl Acetate
 Concen: 18.075 ug/l
 RT: 3.960 min Scan# 815
 Delta R.T. -0.000 min
 Lab File: VU045447.D
 Acq: 28 Oct 2021 19:40

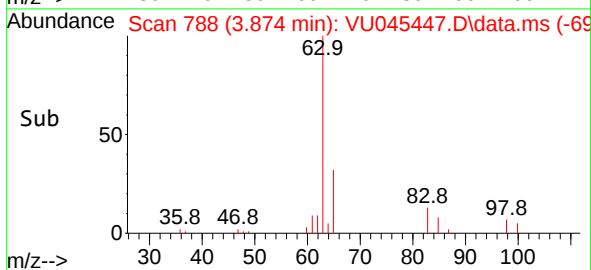
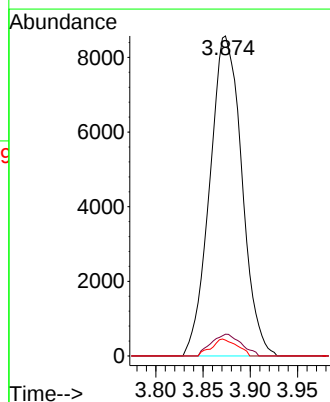
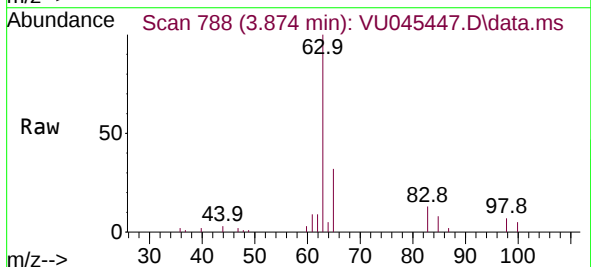
Instrument :
 MSVOA_U
 ClientSampleId :

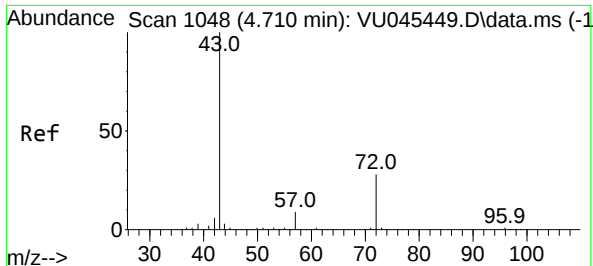
Tgt Ion: 43 Resp: 125042
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 4.093 ug/l
 RT: 3.874 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VU045447.D
 Acq: 28 Oct 2021 19:40

Tgt Ion: 63 Resp: 20229
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.6
 100 5.0 2.4 7.2





#25

2-Butanone

Concen: 17.632 ug/l

RT: 4.713 min Scan# 1049

Delta R.T. 0.003 min

Lab File: VU045447.D

Acq: 28 Oct 2021 19:40

Instrument :

MSVOA_U

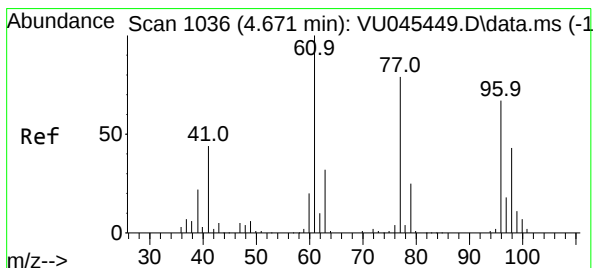
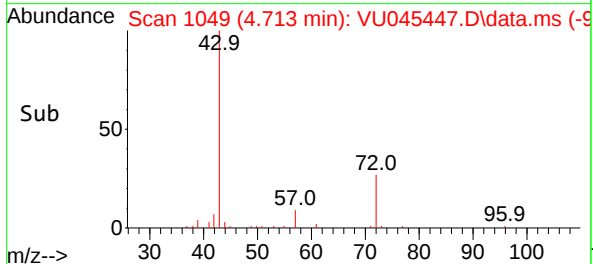
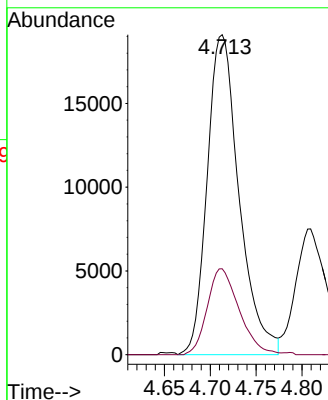
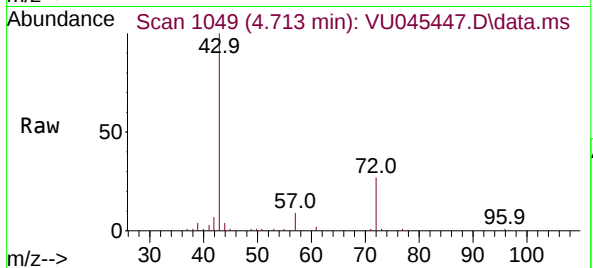
ClientSampleId :

Tgt Ion: 43 Resp: 46295

Ion Ratio Lower Upper

43 100

72 26.8 22.0 33.0



#26

2,2-Dichloropropane

Concen: 3.755 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU045447.D

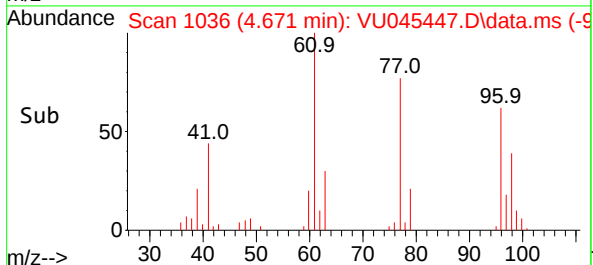
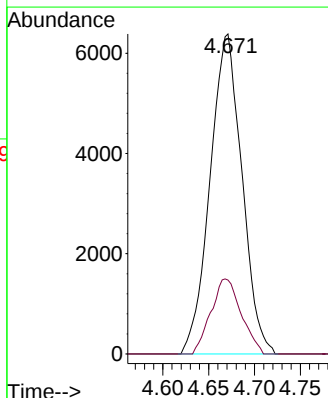
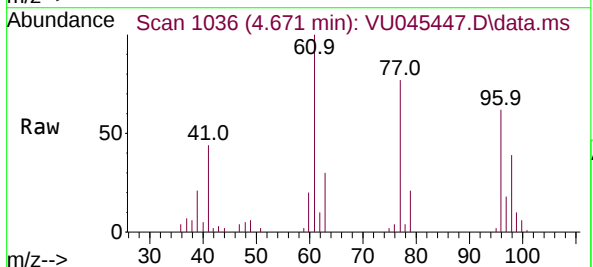
Acq: 28 Oct 2021 19:40

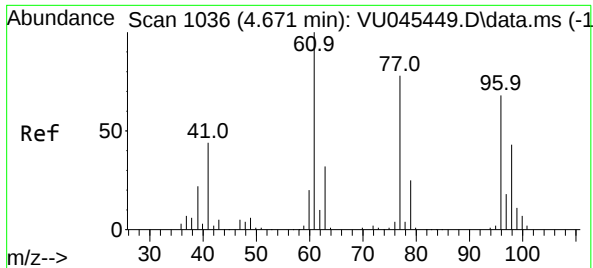
Tgt Ion: 77 Resp: 15431

Ion Ratio Lower Upper

77 100

97 22.2 11.4 34.1



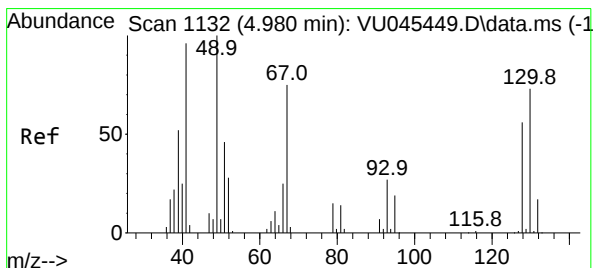
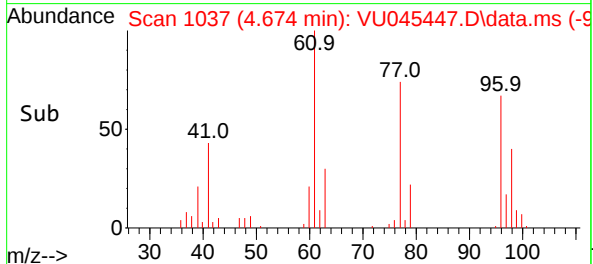
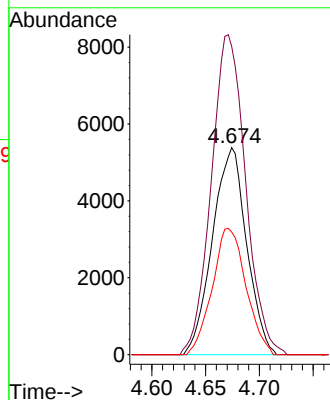
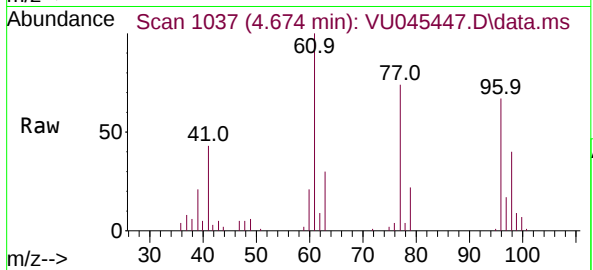


#27
 cis-1,2-Dichloroethene
 Concen: 4.041 ug/l
 RT: 4.674 min Scan# 1036
 Delta R.T. 0.003 min
 Lab File: VU045447.D
 Acq: 28 Oct 2021 19:40

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 96 Resp: 11894

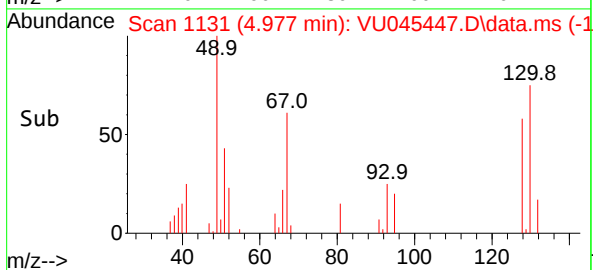
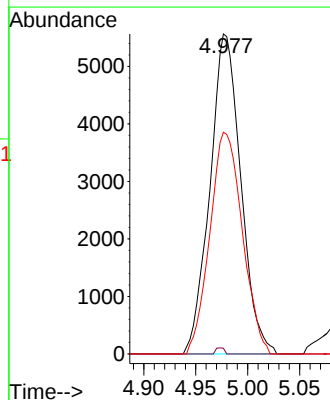
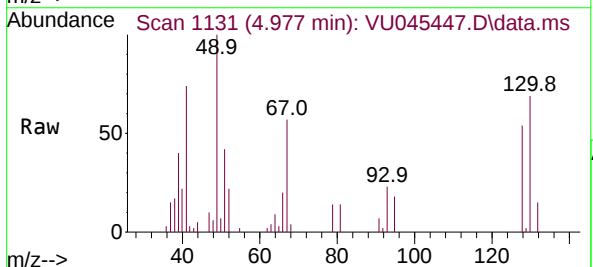
Ion	Ratio	Lower	Upper
96	100		
61	155.4	0.0	299.2
98	60.3	0.0	127.6

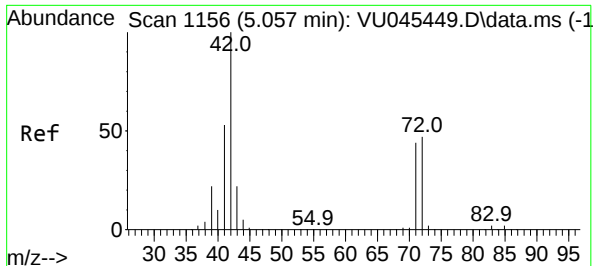


#28
 Bromochloromethane
 Concen: 5.469 ug/l
 RT: 4.977 min Scan# 1131
 Delta R.T. -0.003 min
 Lab File: VU045447.D
 Acq: 28 Oct 2021 19:40

Tgt Ion: 49 Resp: 11484

Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	3.4
130	72.8	57.5	86.3





#29

Tetrahydrofuran

Concen: 18.971 ug/l

RT: 5.060 min Scan# 1157

Delta R.T. 0.003 min

Lab File: VU045447.D

Acq: 28 Oct 2021 19:40

Instrument :

MSVOA_U

ClientSampleId :

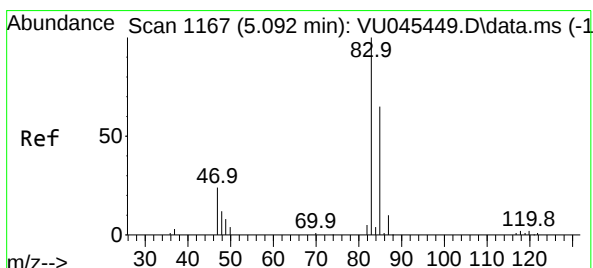
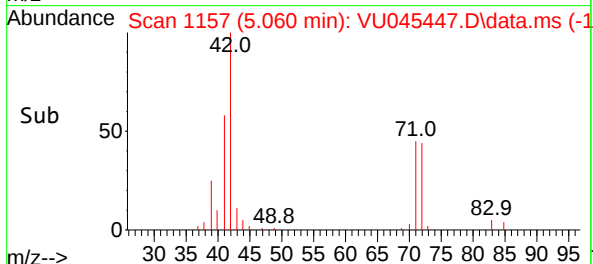
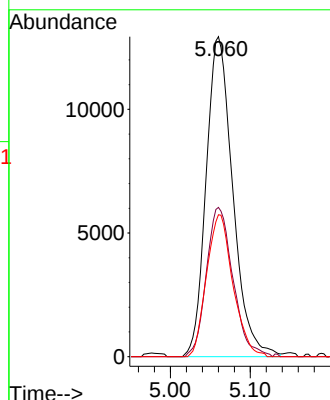
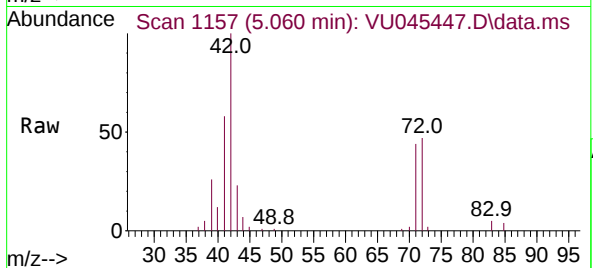
Tgt Ion: 42 Resp: 30018

Ion Ratio Lower Upper

42 100

72 46.5 38.2 57.4

71 43.7 35.4 53.2



#30

Chloroform

Concen: 3.995 ug/l

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU045447.D

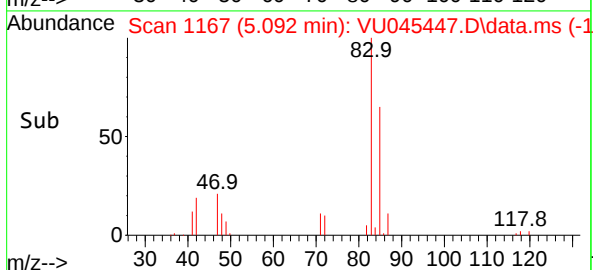
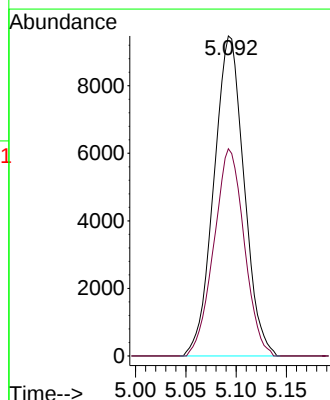
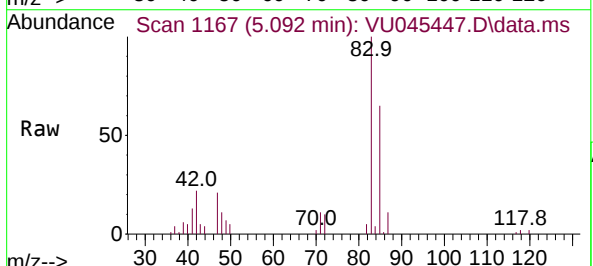
Acq: 28 Oct 2021 19:40

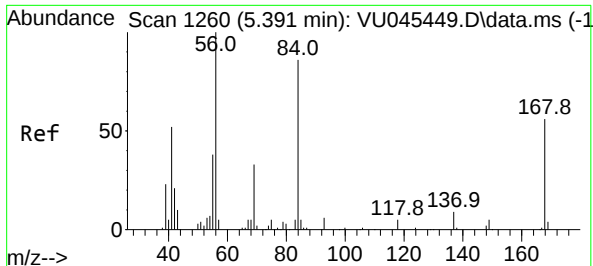
Tgt Ion: 83 Resp: 19751

Ion Ratio Lower Upper

83 100

85 64.8 52.0 78.0





#31

Cyclohexane

Concen: 4.789 ug/l

RT: 5.388 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU045447.D

Acq: 28 Oct 2021 19:40

Instrument :

MSVOA_U

ClientSampleId :

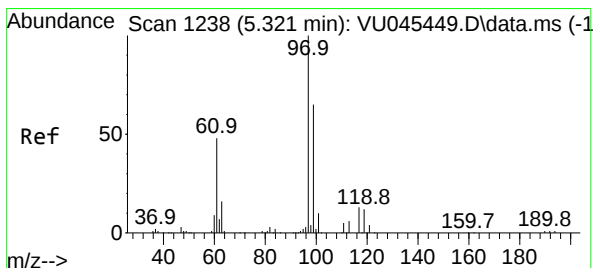
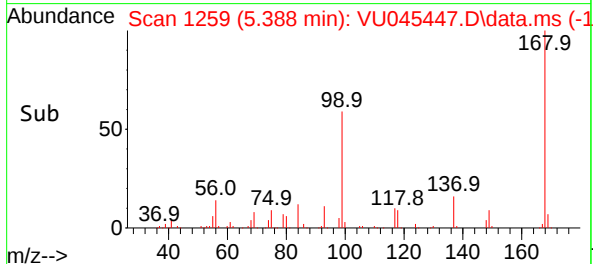
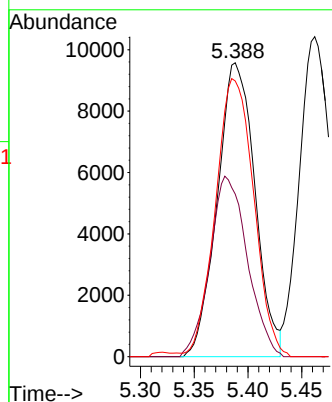
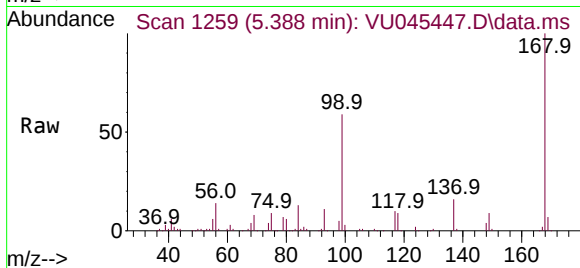
Tgt Ion: 56 Resp: 23300

Ion Ratio Lower Upper

56 100

69 55.3 26.4 39.6#

84 92.6 68.4 102.6



#32

1,1,1-Trichloroethane

Concen: 3.773 ug/l

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU045447.D

Acq: 28 Oct 2021 19:40

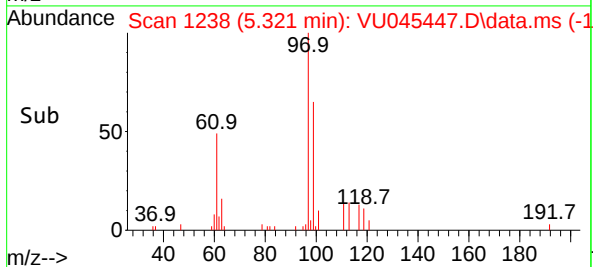
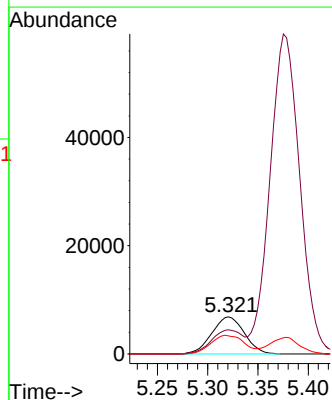
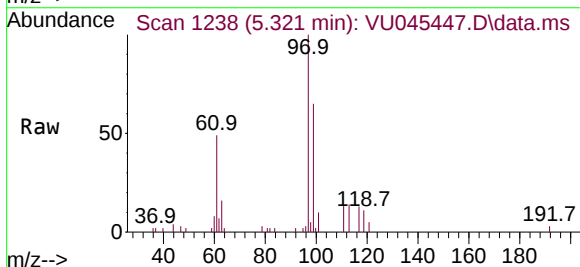
Tgt Ion: 97 Resp: 15390

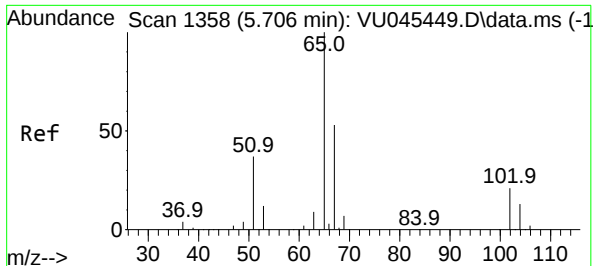
Ion Ratio Lower Upper

97 100

99 60.2 50.8 76.2

61 52.2 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 4.859 ug/l

RT: 5.706 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU045447.D

Acq: 28 Oct 2021 19:40

Instrument :

MSVOA_U

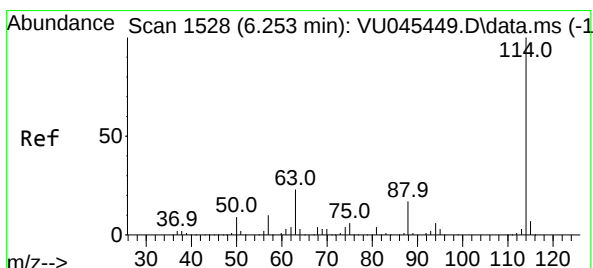
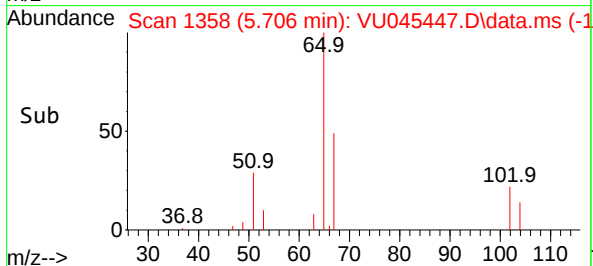
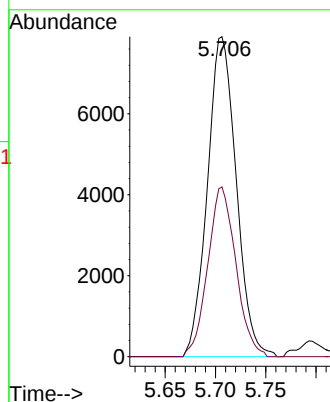
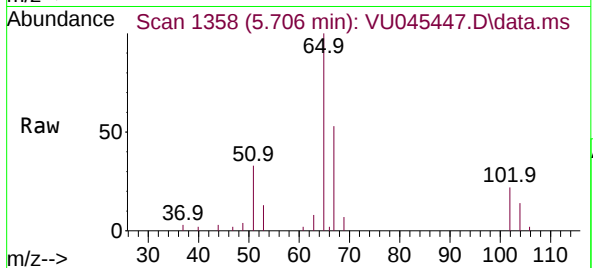
ClientSampleId :

Tgt Ion: 65 Resp: 15788

Ion Ratio Lower Upper

65 100

67 51.6 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: VU045447.D

Acq: 28 Oct 2021 19:40

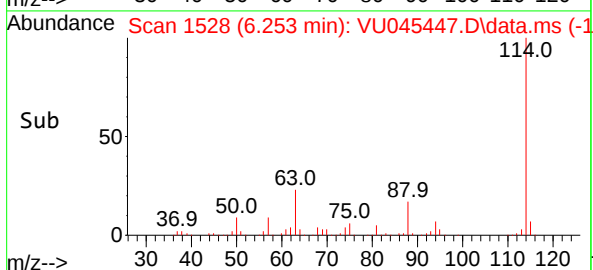
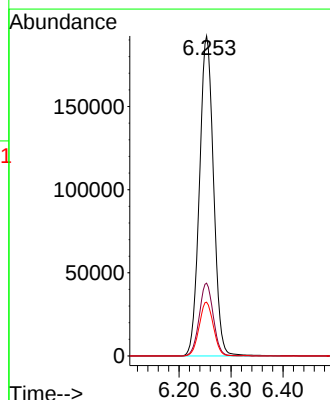
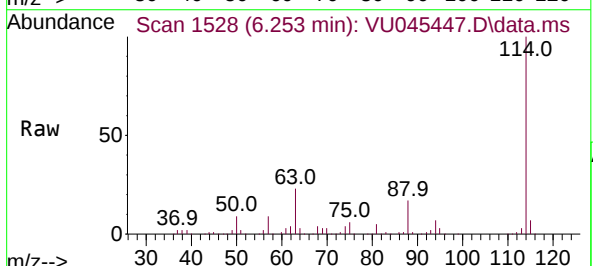
Tgt Ion: 114 Resp: 361772

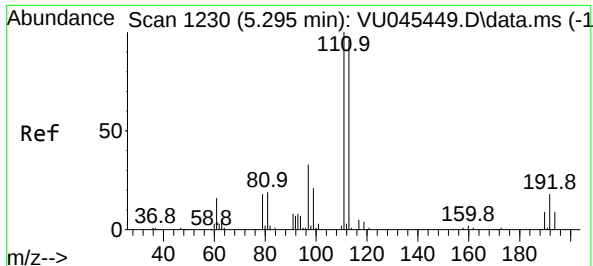
Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.6

88 16.8 0.0 33.8

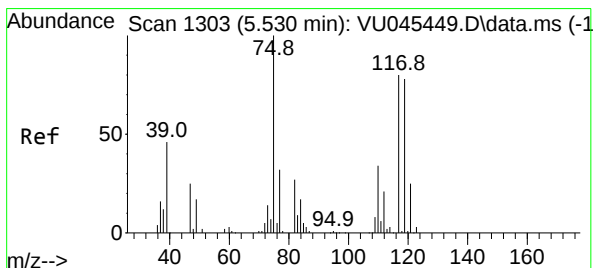
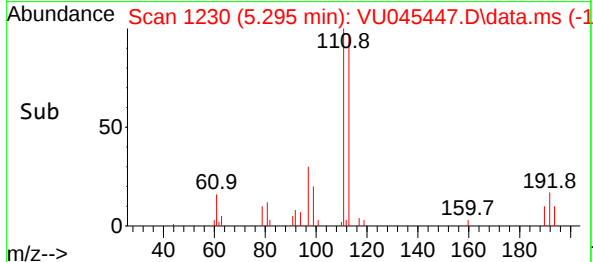
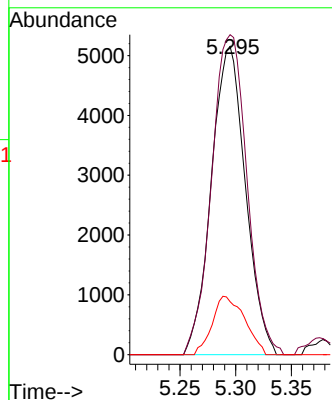
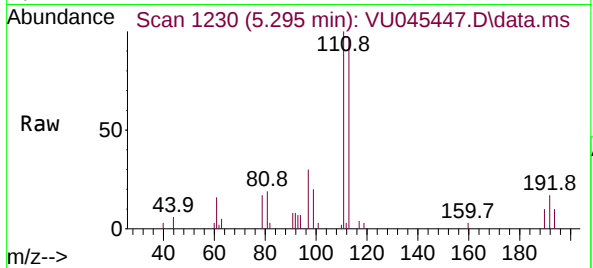




#35
Dibromofluoromethane
Concen: 4.771 ug/l
RT: 5.295 min Scan# 1113
Delta R.T. -0.000 min
Lab File: VU045447.D
Acq: 28 Oct 2021 19:40

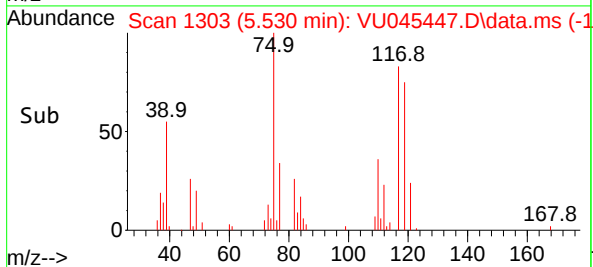
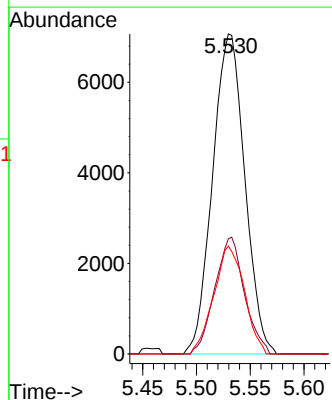
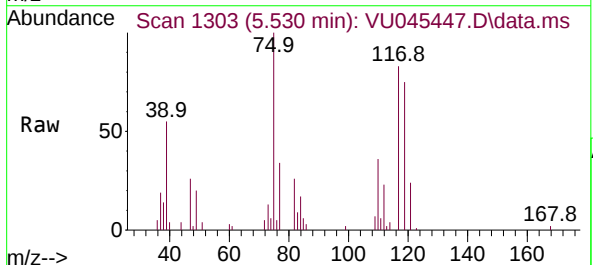
Instrument :
MSVOA_U
ClientSampleId :

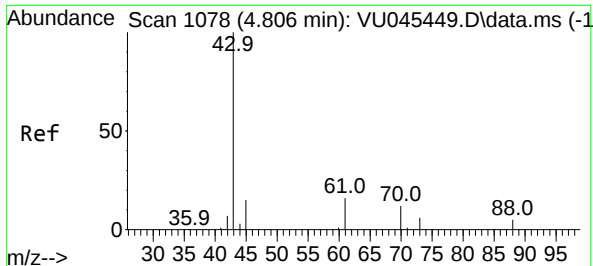
Tgt Ion:113 Resp: 10975
Ion Ratio Lower Upper
113 100
111 107.4 82.8 124.2
192 18.0 14.8 22.2



#36
1,1-Dichloropropene
Concen: 3.955 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VU045447.D
Acq: 28 Oct 2021 19:40

Tgt Ion: 75 Resp: 14710
Ion Ratio Lower Upper
75 100
110 33.6 16.7 50.0
77 32.0 25.0 37.4

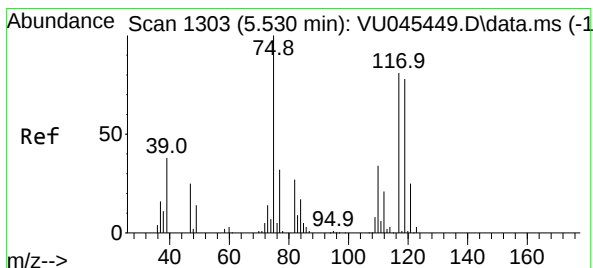
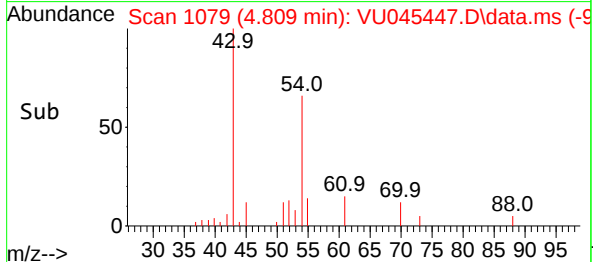
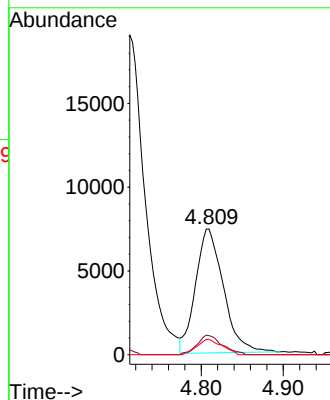
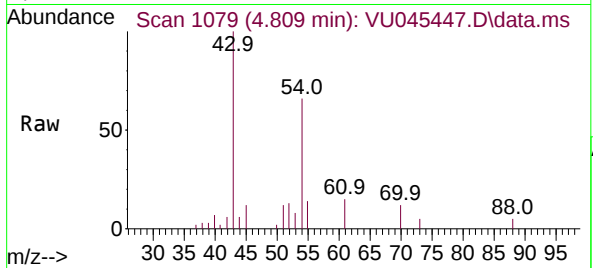




#37
Ethyl Acetate
Concen: 3.598 ug/l
RT: 4.809 min Scan# 1078
Delta R.T. 0.003 min
Lab File: VU045447.D
Acq: 28 Oct 2021 19:40

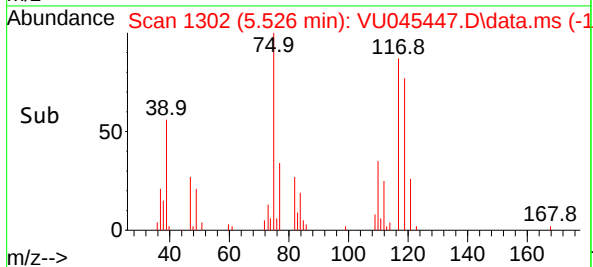
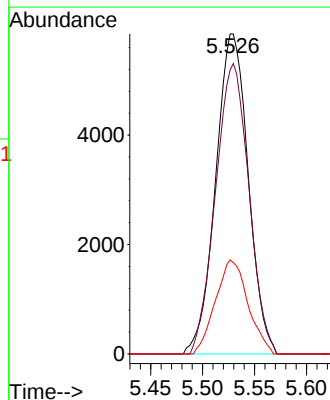
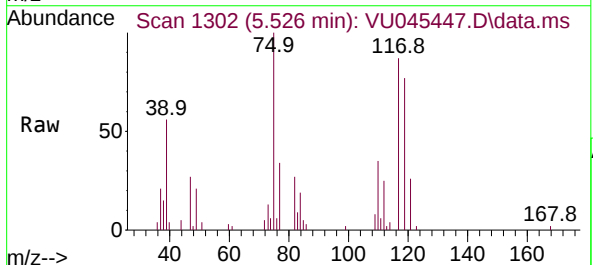
Instrument :
MSVOA_U
ClientSampleId :

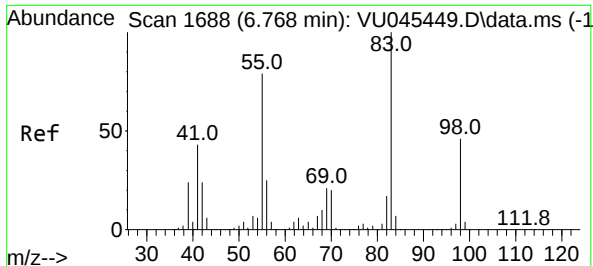
Tgt Ion: 43 Resp: 17486
Ion Ratio Lower Upper
43 100
61 14.2 11.6 17.4
70 11.0 9.1 13.7



#38
Carbon Tetrachloride
Concen: 3.967 ug/l
RT: 5.526 min Scan# 1302
Delta R.T. -0.003 min
Lab File: VU045447.D
Acq: 28 Oct 2021 19:40

Tgt Ion: 117 Resp: 12727
Ion Ratio Lower Upper
117 100
119 88.7 77.4 116.0
121 29.4 24.8 37.2





#39

Methylcyclohexane

Concen: 3.813 ug/l

RT: 6.767 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU045447.D

Acq: 28 Oct 2021 19:40

Instrument :

MSVOA_U

ClientSampleId :

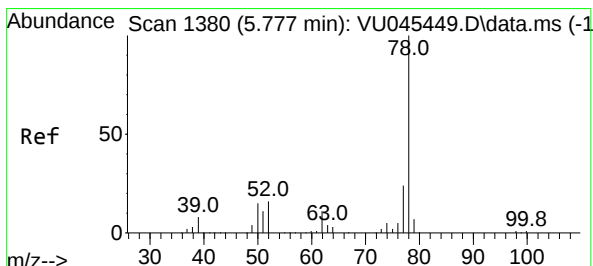
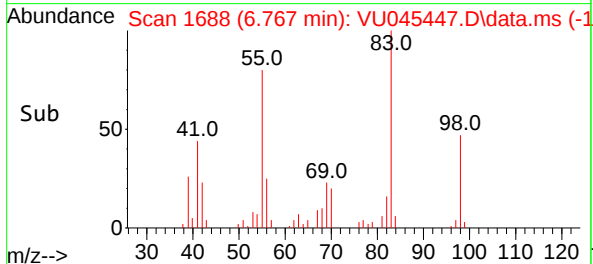
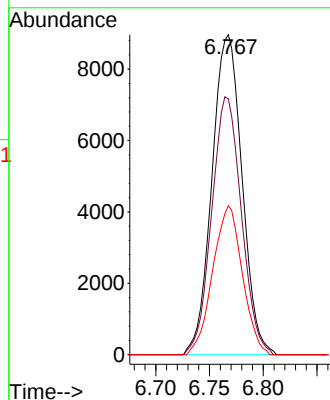
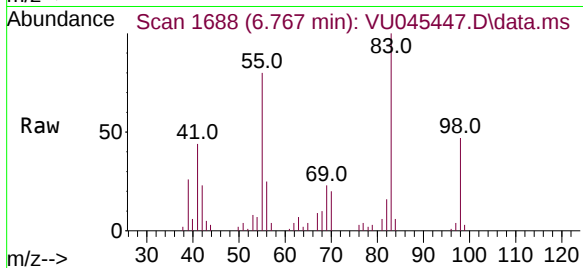
Tgt Ion: 83 Resp: 17431

Ion Ratio Lower Upper

83 100

55 79.9 63.6 95.4

98 46.6 37.1 55.7



#40

Benzene

Concen: 4.015 ug/l

RT: 5.777 min Scan# 1380

Delta R.T. -0.000 min

Lab File: VU045447.D

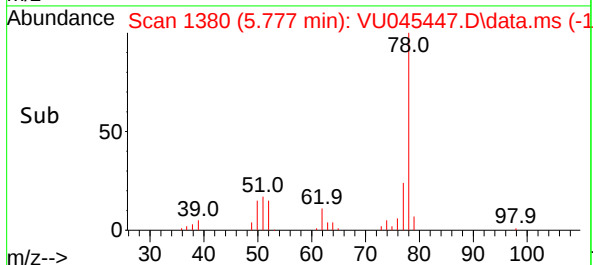
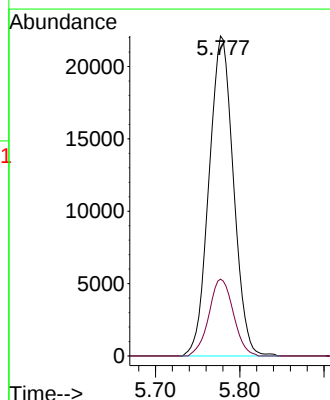
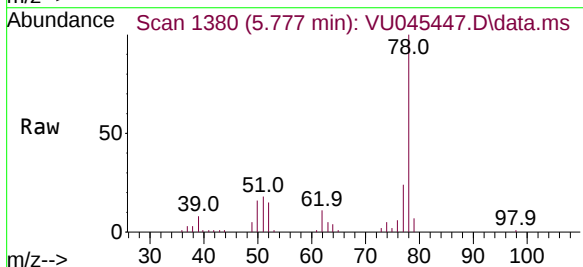
Acq: 28 Oct 2021 19:40

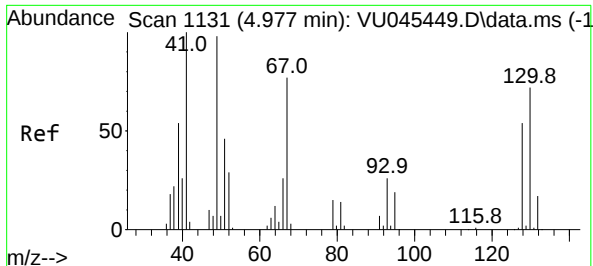
Tgt Ion: 78 Resp: 44536

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.4

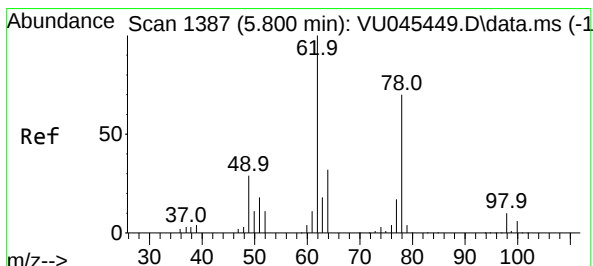
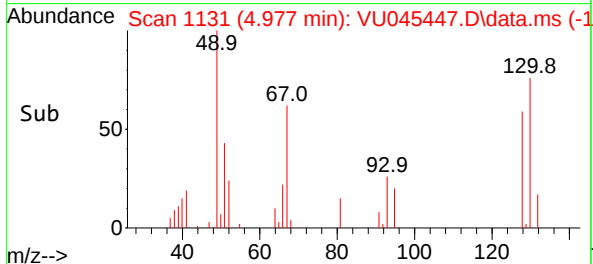
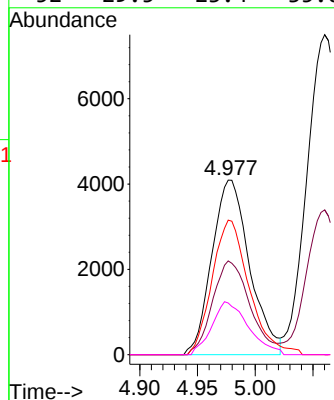
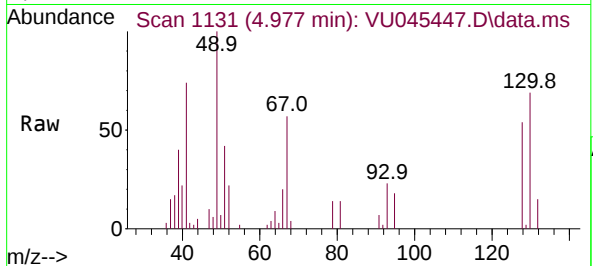




#41
Methacrylonitrile
Concen: 3.715 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VU045447.D
Acq: 28 Oct 2021 19:40

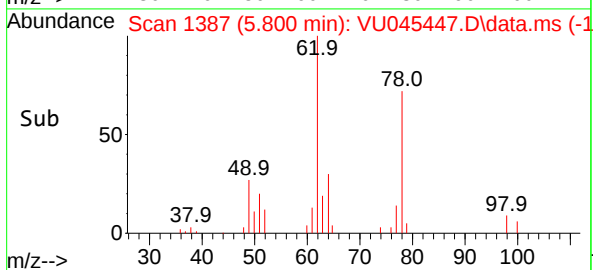
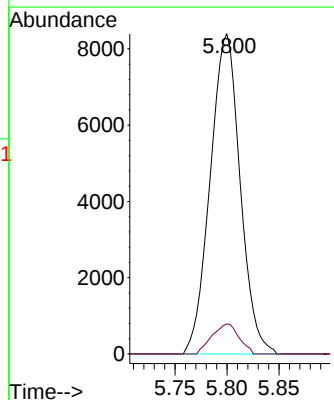
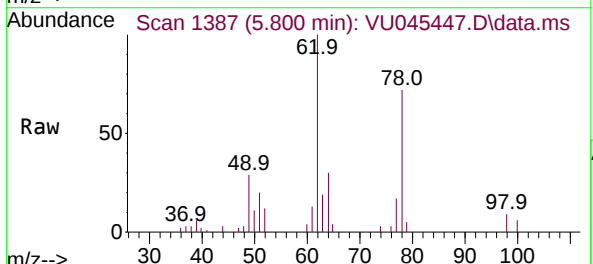
Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	41	Resp:	9310
Ion	Ratio	Lower	Upper
41	100		
39	52.9	43.4	65.0
67	75.3	61.0	91.4
52	29.5	23.4	35.0



#42
1,2-Dichloroethane
Concen: 3.910 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VU045447.D
Acq: 28 Oct 2021 19:40

Tgt Ion:	62	Resp:	16849
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	18.4





#43

Isopropyl Acetate

Concen: 3.601 ug/l

RT: 5.915 min Scan# 1422

Delta R.T. 0.003 min

Lab File: VU045447.D

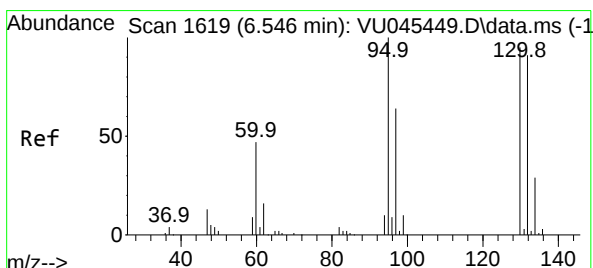
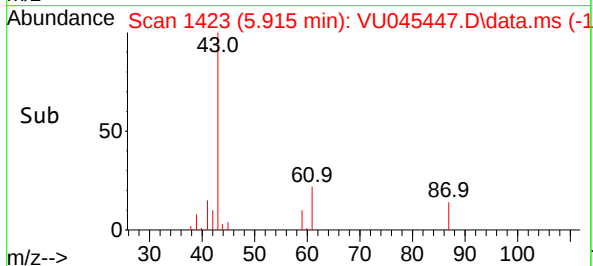
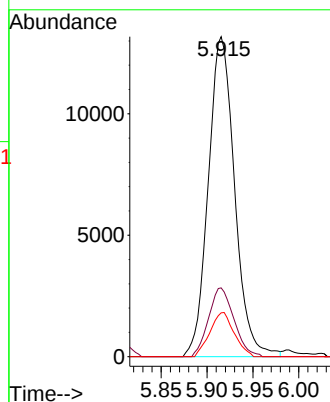
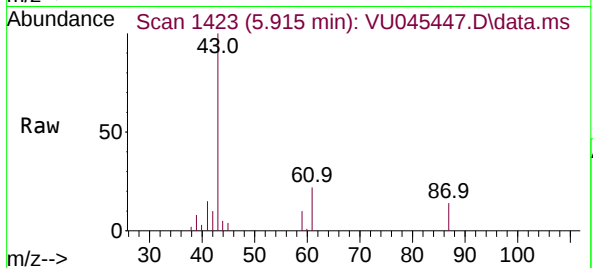
Acq: 28 Oct 2021 19:40

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43	Resp: 26331
Ion Ratio	Lower Upper
43	100
61	20.7 16.9 25.3
87	12.7 11.0 16.4



#44

Trichloroethene

Concen: 3.888 ug/l

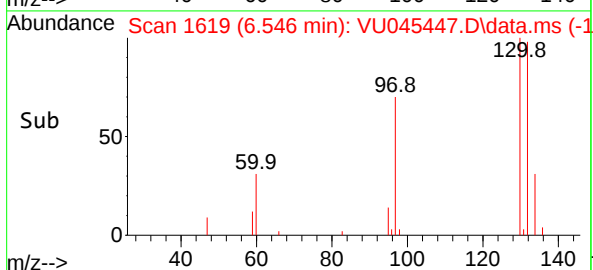
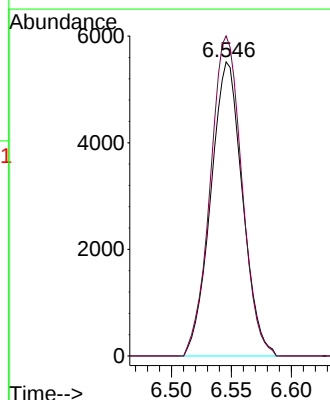
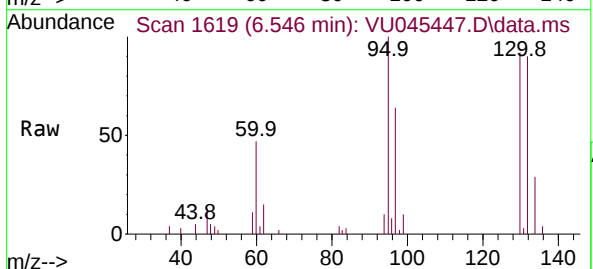
RT: 6.546 min Scan# 1619

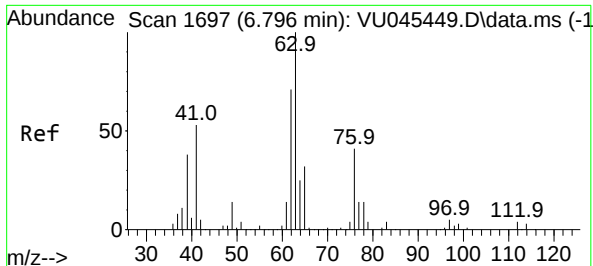
Delta R.T. -0.000 min

Lab File: VU045447.D

Acq: 28 Oct 2021 19:40

Tgt Ion: 130	Resp: 10155
Ion Ratio	Lower Upper
130	100
95	108.8 0.0 211.4





#45

1,2-Dichloropropane

Concen: 3.978 ug/l

RT: 6.796 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU045447.D

Acq: 28 Oct 2021 19:40

Instrument :

MSVOA_U

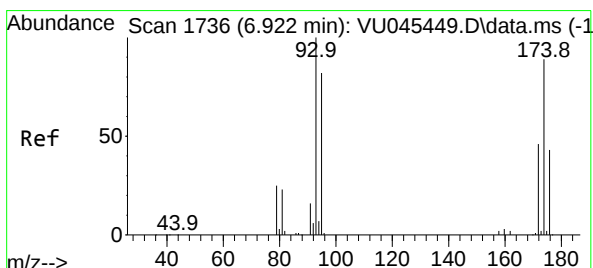
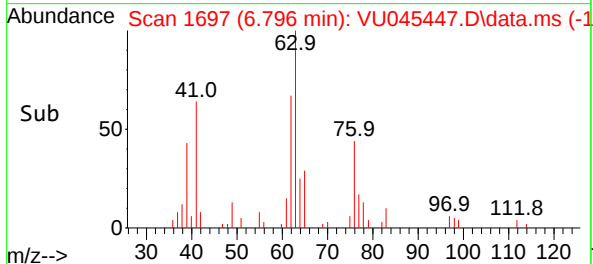
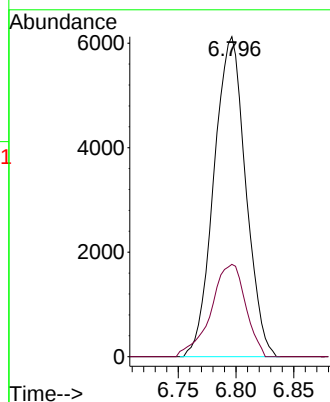
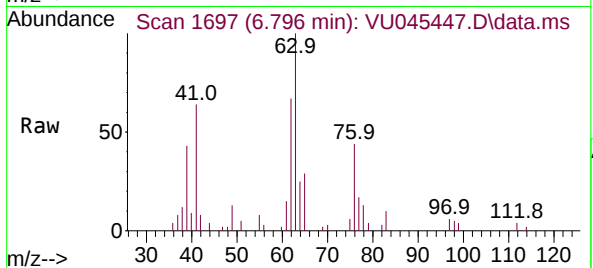
ClientSampleId :

Tgt Ion: 63 Resp: 11698

Ion Ratio Lower Upper

63 100

65 28.8 25.7 38.5



#46

Dibromomethane

Concen: 3.789 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. -0.000 min

Lab File: VU045447.D

Acq: 28 Oct 2021 19:40

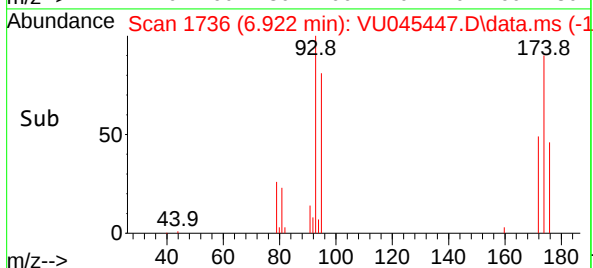
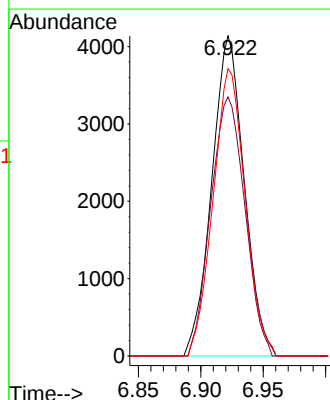
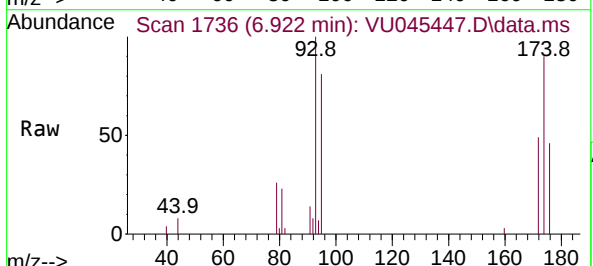
Tgt Ion: 93 Resp: 7479

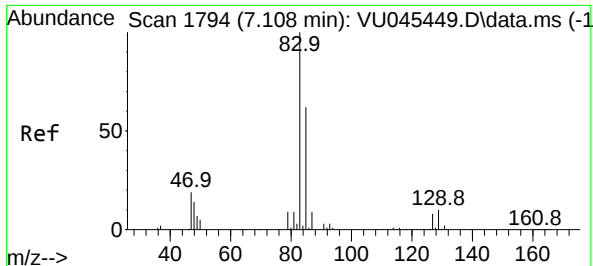
Ion Ratio Lower Upper

93 100

95 85.3 66.2 99.2

174 89.0 71.0 106.6





#47

Bromodichloromethane

Concen: 3.857 ug/l

RT: 7.108 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU045447.D

Acq: 28 Oct 2021 19:40

Instrument :

MSVOA_U

ClientSampleId :

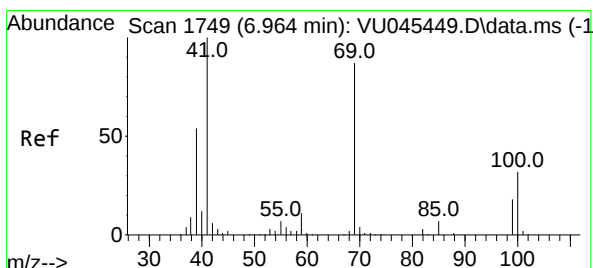
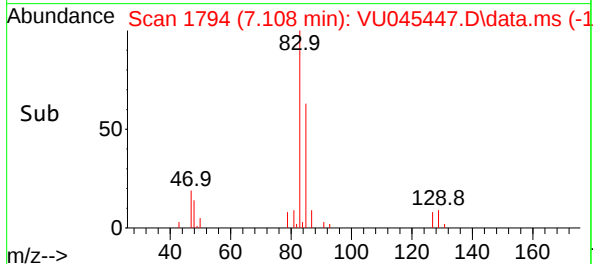
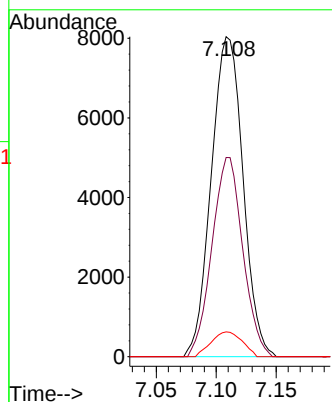
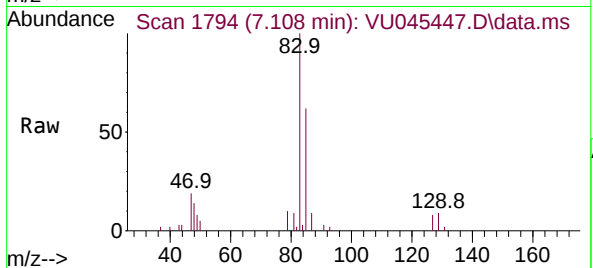
Tgt Ion: 83 Resp: 14799

Ion Ratio Lower Upper

83 100

85 62.3 49.8 74.6

127 7.8 6.2 9.2



#48

Methyl methacrylate

Concen: 3.367 ug/l

RT: 6.964 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VU045447.D

Acq: 28 Oct 2021 19:40

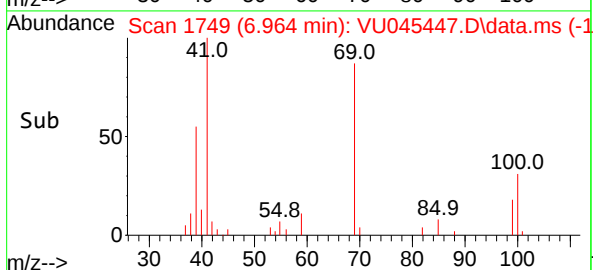
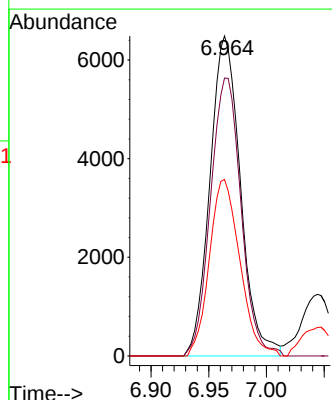
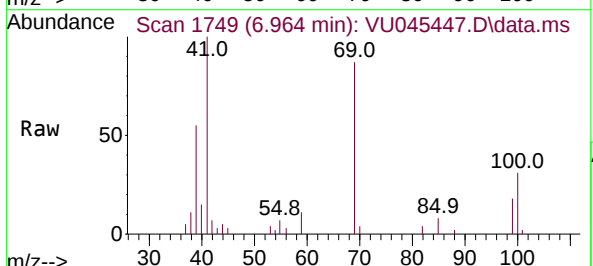
Tgt Ion: 41 Resp: 11934

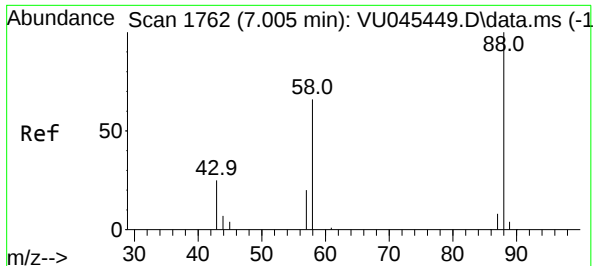
Ion Ratio Lower Upper

41 100

69 86.7 70.2 105.2

39 55.0 43.9 65.9





#49

1,4-Dioxane

Concen: 79.192 ug/l

RT: 7.005 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU045447.D

Acq: 28 Oct 2021 19:40

Instrument :

MSVOA_U

ClientSampleId :

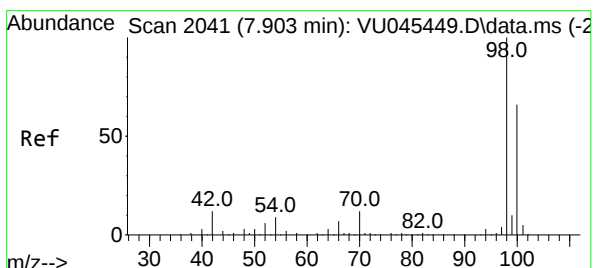
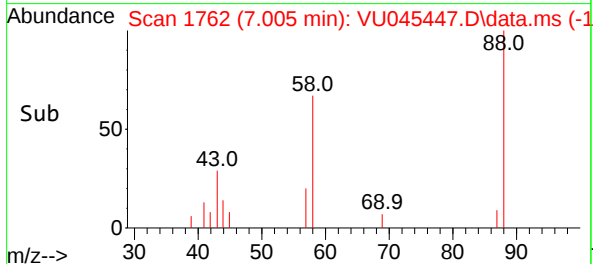
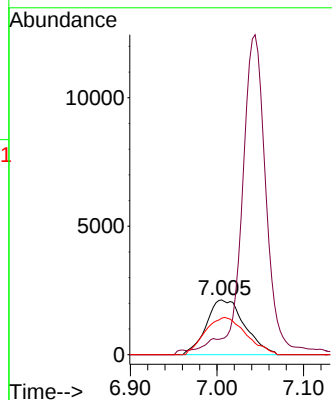
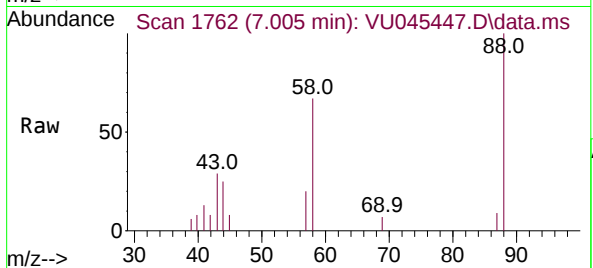
Tgt Ion: 88 Resp: 6577

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 72.7 58.7 88.1



#50

Toluene-d8

Concen: 4.565 ug/l

RT: 7.902 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VU045447.D

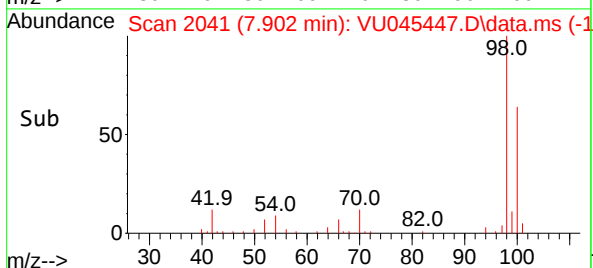
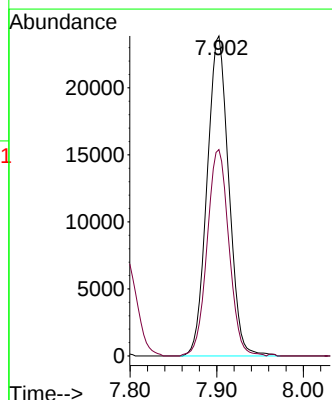
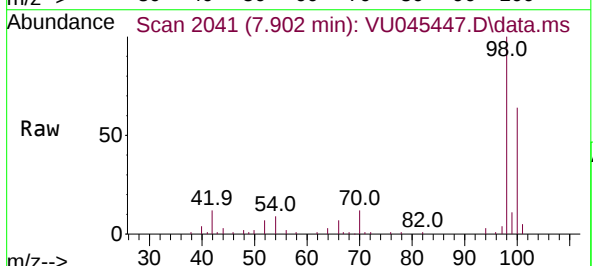
Acq: 28 Oct 2021 19:40

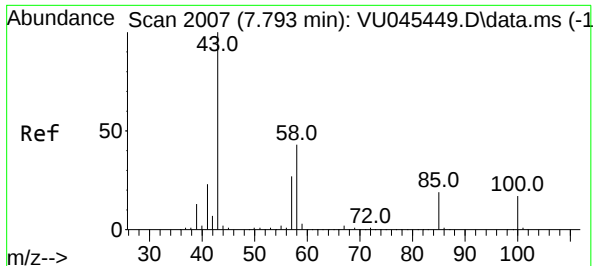
Tgt Ion: 98 Resp: 41556

Ion Ratio Lower Upper

98 100

100 64.7 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 16.185 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU045447.D

Acq: 28 Oct 2021 19:40

Instrument :

MSVOA_U

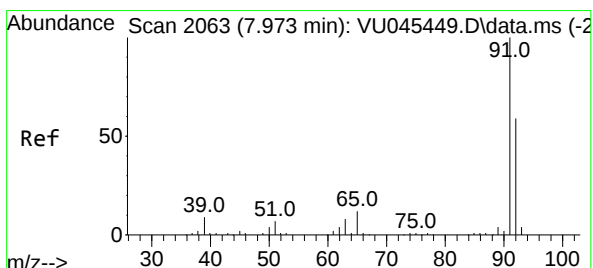
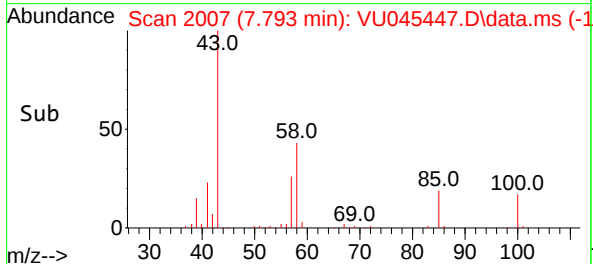
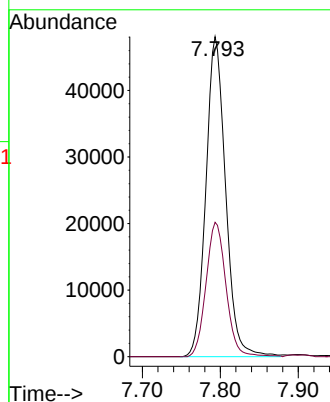
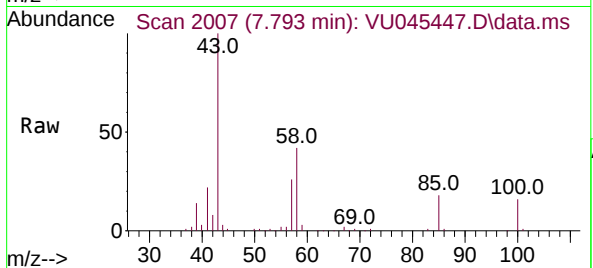
ClientSampleId :

Tgt Ion: 43 Resp: 84454

Ion Ratio Lower Upper

43 100

58 42.6 33.8 50.8



#52

Toluene

Concen: 3.953 ug/l

RT: 7.973 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VU045447.D

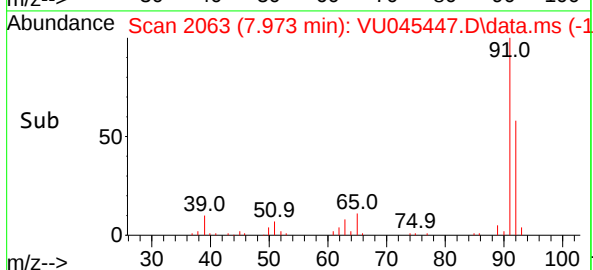
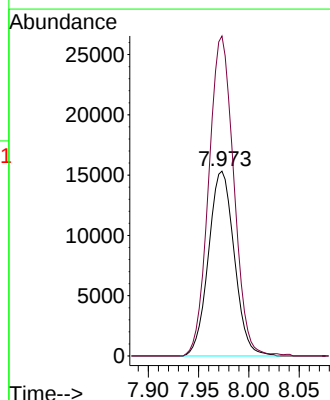
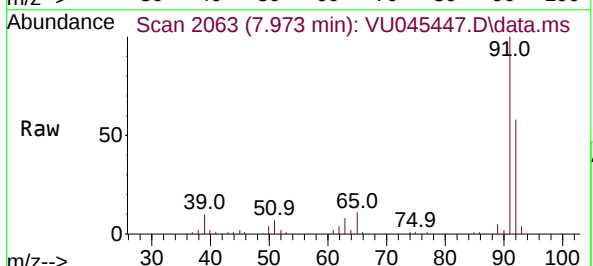
Acq: 28 Oct 2021 19:40

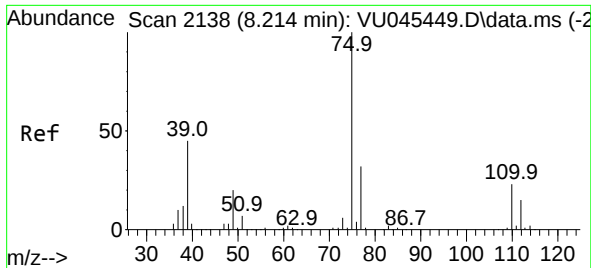
Tgt Ion: 92 Resp: 27352

Ion Ratio Lower Upper

92 100

91 168.5 135.6 203.4

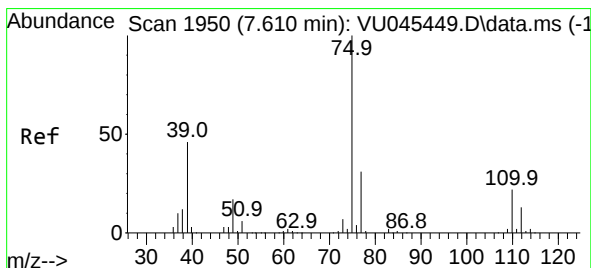
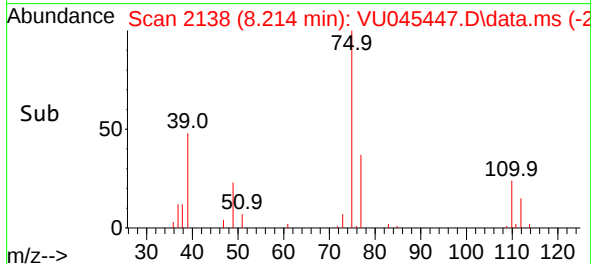
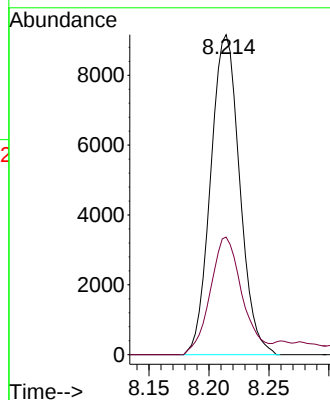
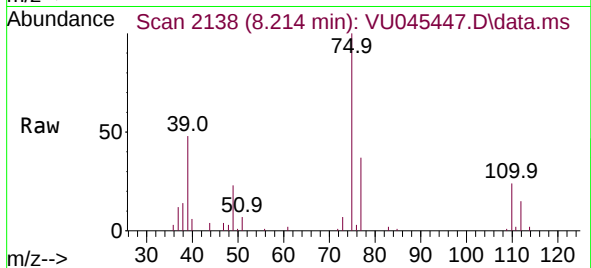




#53
 t-1,3-Dichloropropene
 Concen: 3.537 ug/l
 RT: 8.214 min Scan# 2138
 Delta R.T. -0.000 min
 Lab File: VU045447.D
 Acq: 28 Oct 2021 19:40

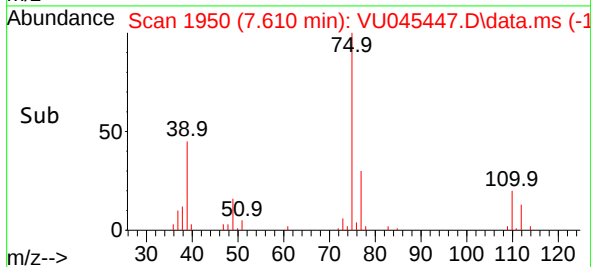
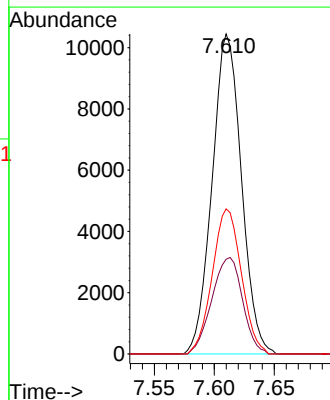
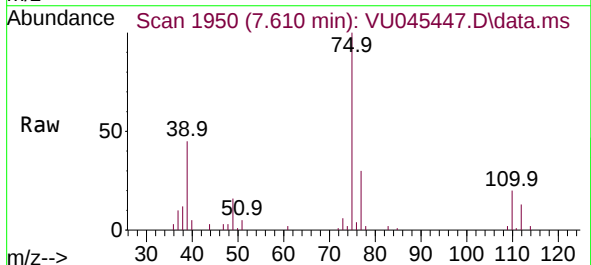
Instrument :
 MSVOA_U
 ClientSampleId :

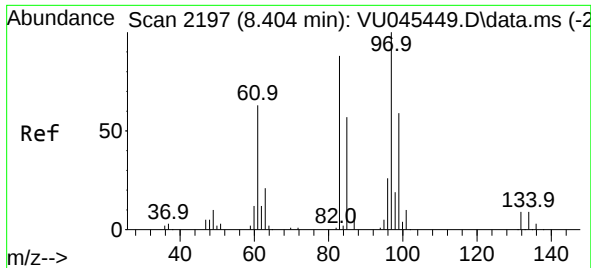
Tgt Ion: 75 Resp: 15420
 Ion Ratio Lower Upper
 75 100
 77 36.8 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 3.866 ug/l
 RT: 7.610 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VU045447.D
 Acq: 28 Oct 2021 19:40

Tgt Ion: 75 Resp: 17715
 Ion Ratio Lower Upper
 75 100
 77 29.6 24.6 37.0
 39 45.3 37.1 55.7

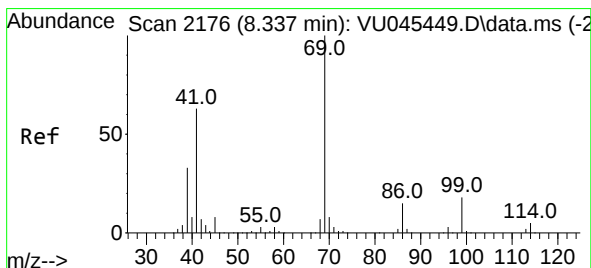
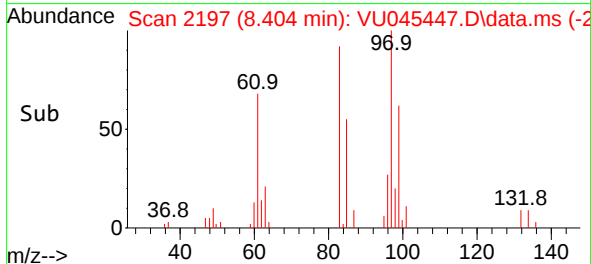
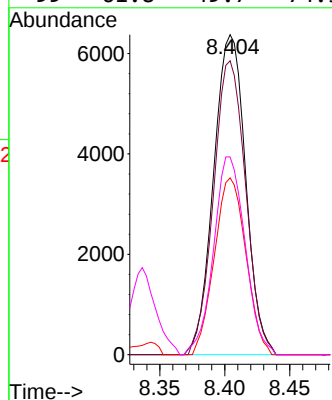
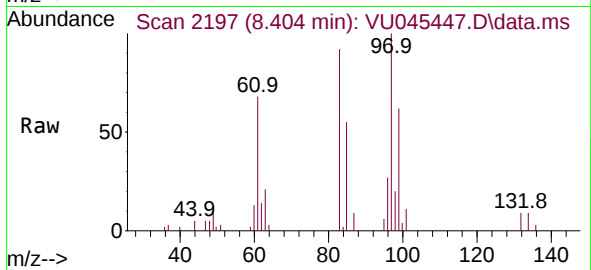




#55
1,1,2-Trichloroethane
Concen: 3.810 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU045447.D
Acq: 28 Oct 2021 19:40

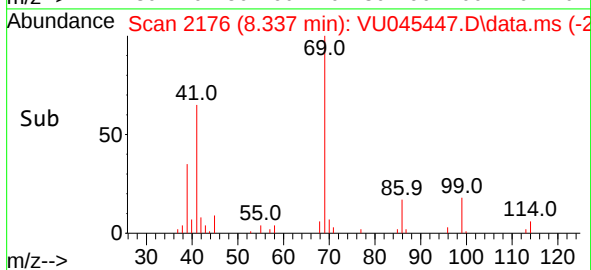
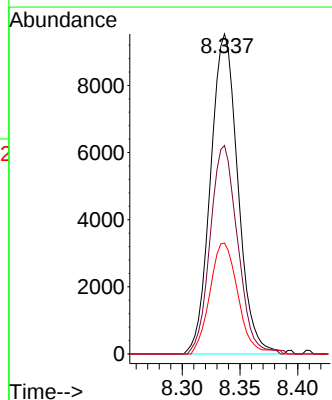
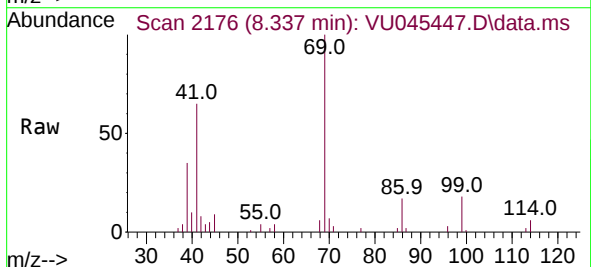
Instrument :
MSVOA_U
ClientSampleId :

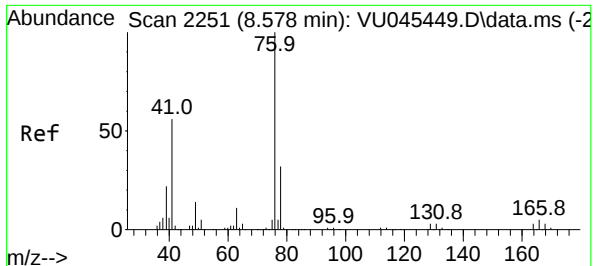
Tgt Ion:	97	Resp:	10921
Ion	Ratio	Lower	Upper
97	100		
83	91.8	70.3	105.5
85	55.3	45.5	68.3
99	61.8	49.7	74.5



#56
Ethyl methacrylate
Concen: 3.184 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. -0.000 min
Lab File: VU045447.D
Acq: 28 Oct 2021 19:40

Tgt Ion:	69	Resp:	15714
Ion	Ratio	Lower	Upper
69	100		
41	65.4	51.0	76.4
39	35.2	26.6	39.8





#57

1,3-Dichloropropane

Concen: 3.874 ug/l

RT: 8.578 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU045447.D

Acq: 28 Oct 2021 19:40

Instrument :

MSVOA_U

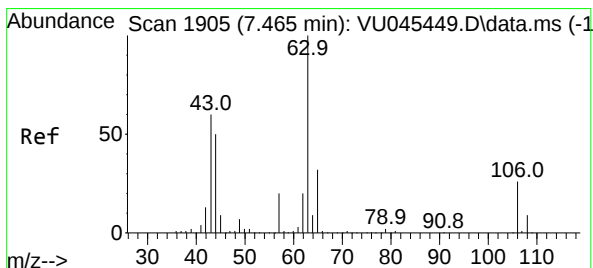
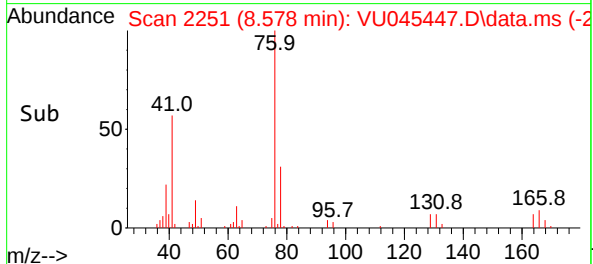
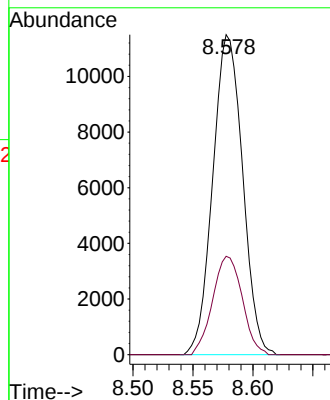
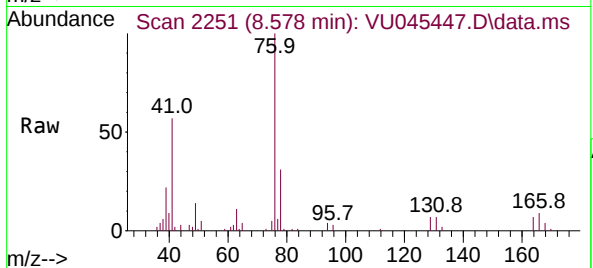
ClientSampleId :

Tgt Ion: 76 Resp: 19843

Ion Ratio Lower Upper

76 100

78 30.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 33.882 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VU045447.D

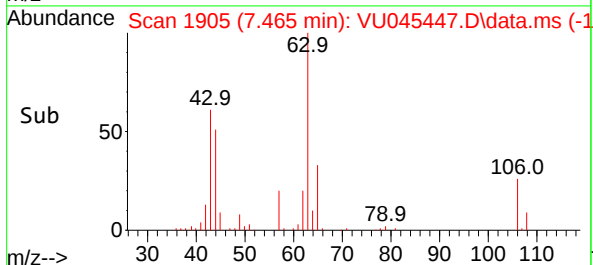
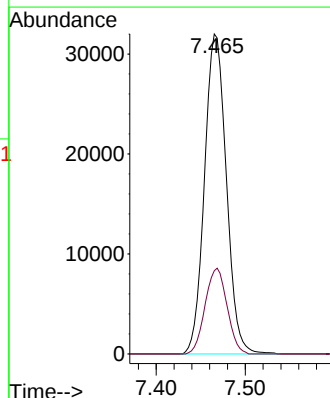
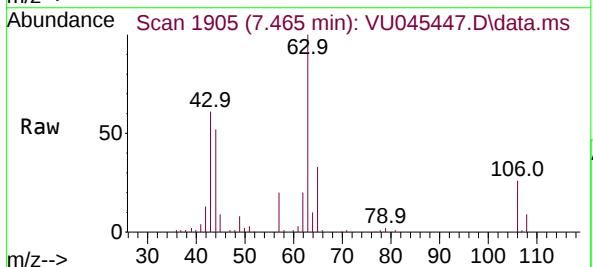
Acq: 28 Oct 2021 19:40

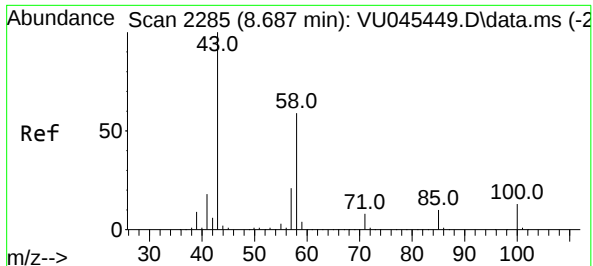
Tgt Ion: 63 Resp: 54571

Ion Ratio Lower Upper

63 100

106 26.8 21.0 31.4





#59

2-Hexanone

Concen: 15.377 ug/l

RT: 8.687 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU045447.D

Acq: 28 Oct 2021 19:40

Instrument :

MSVOA_U

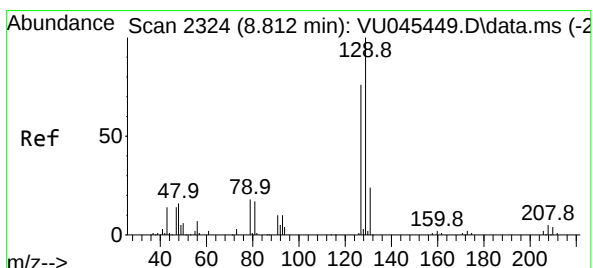
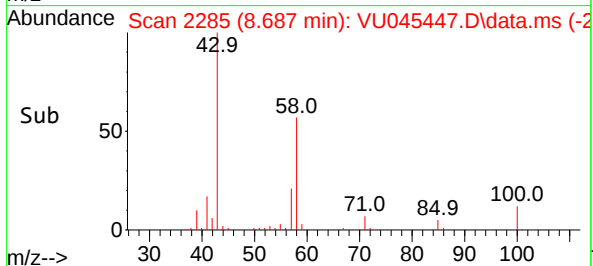
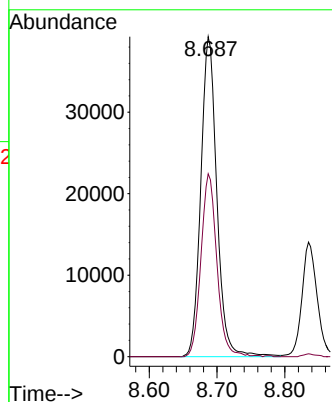
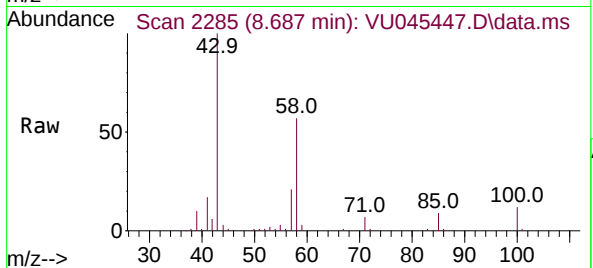
ClientSampleId :

Tgt Ion: 43 Resp: 64568

Ion Ratio Lower Upper

43 100

58 56.6 29.5 88.6



#60

Dibromochloromethane

Concen: 3.705 ug/l

RT: 8.812 min Scan# 2324

Delta R.T. -0.000 min

Lab File: VU045447.D

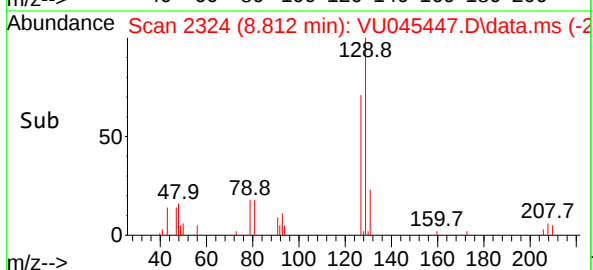
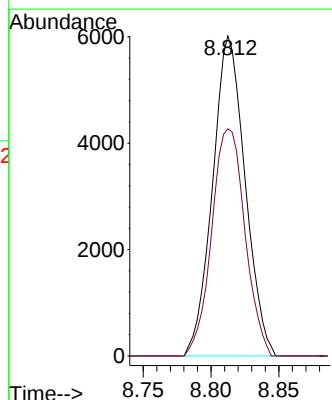
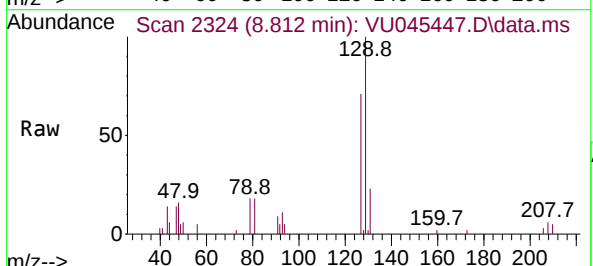
Acq: 28 Oct 2021 19:40

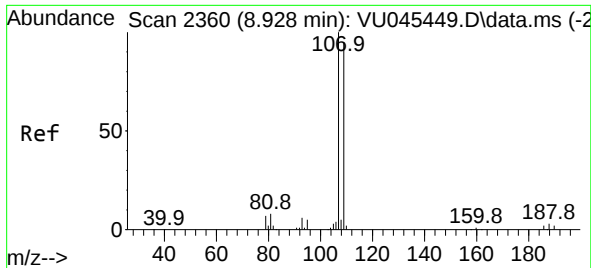
Tgt Ion: 129 Resp: 10030

Ion Ratio Lower Upper

129 100

127 72.5 38.5 115.3

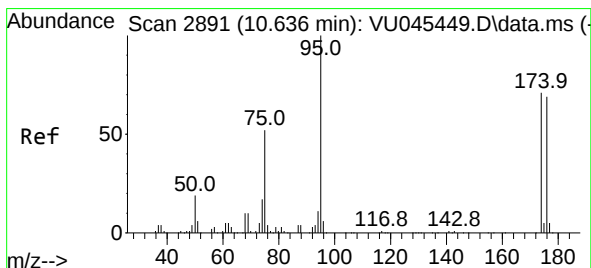
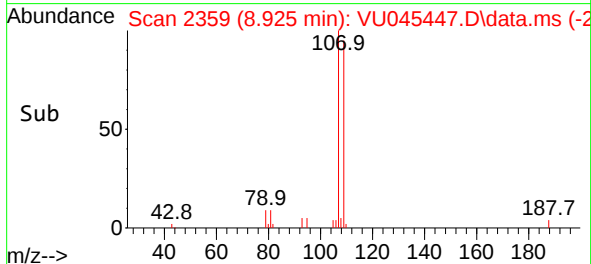
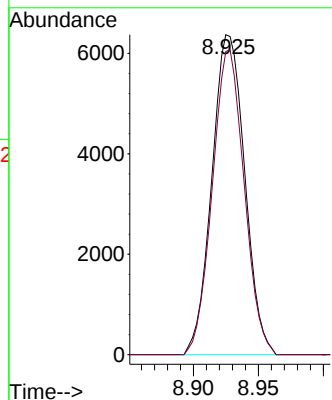
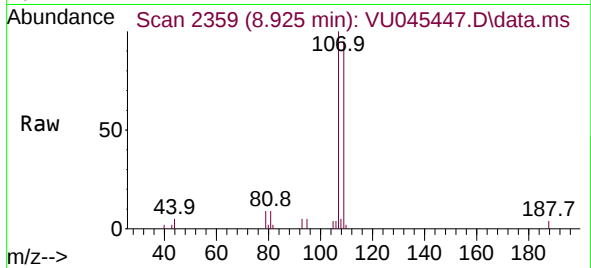




#61
1,2-Dibromoethane
Concen: 3.689 ug/l
RT: 8.925 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU045447.D
Acq: 28 Oct 2021 19:40

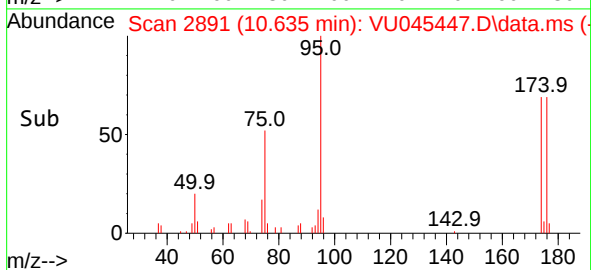
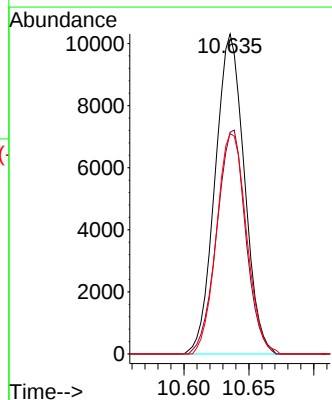
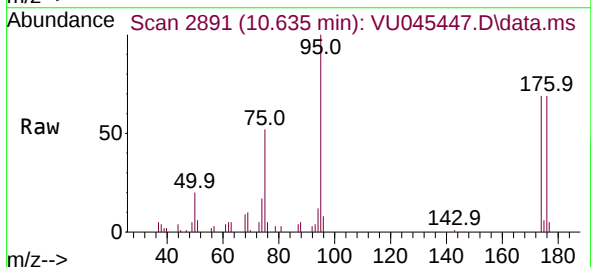
Instrument :
MSVOA_U
ClientSampleId :

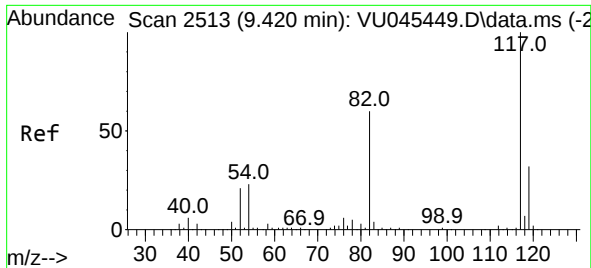
Tgt Ion:107 Resp: 11200
Ion Ratio Lower Upper
107 100
109 92.4 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 4.374 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.000 min
Lab File: VU045447.D
Acq: 28 Oct 2021 19:40

Tgt Ion: 95 Resp: 16113
Ion Ratio Lower Upper
95 100
174 69.4 0.0 141.8
176 70.4 0.0 138.2

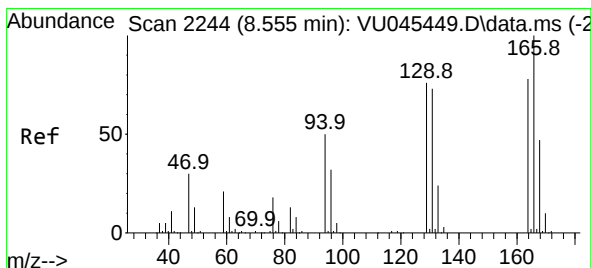
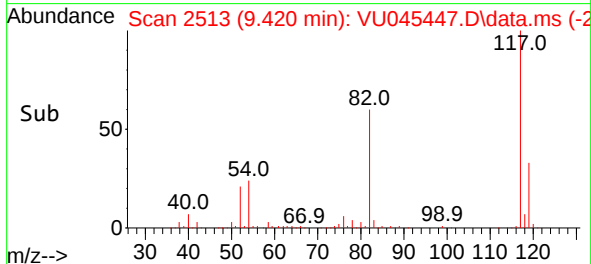
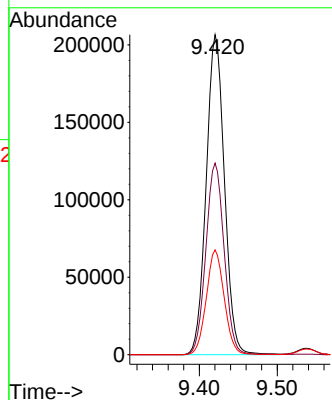
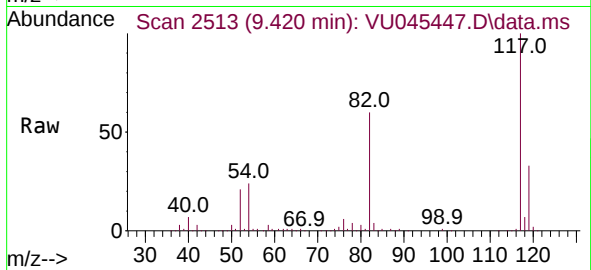




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. -0.000 min
Lab File: VU045447.D
Acq: 28 Oct 2021 19:40

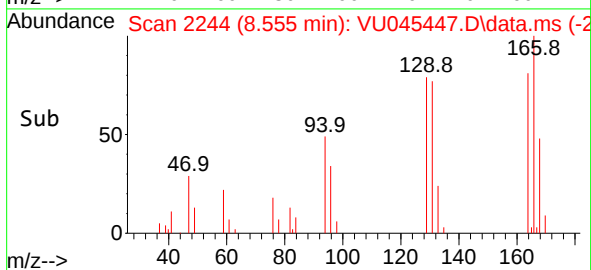
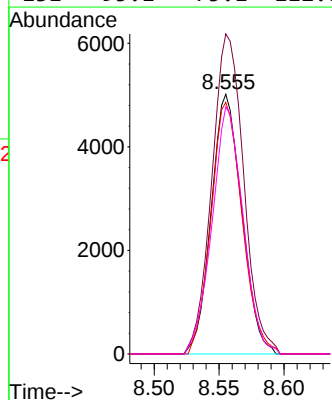
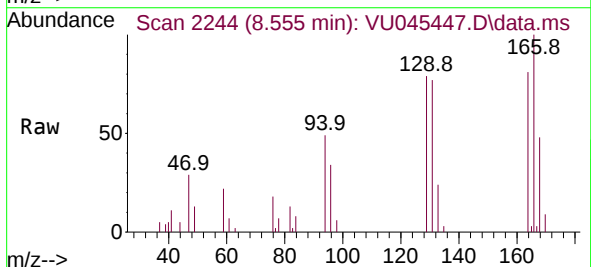
Instrument :
MSVOA_U
ClientSampleId :

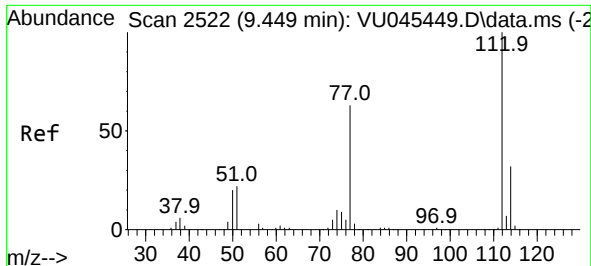
Tgt Ion:117 Resp: 336565
Ion Ratio Lower Upper
117 100
82 59.9 47.8 71.8
119 32.7 25.8 38.8



#64
Tetrachloroethene
Concen: 3.827 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU045447.D
Acq: 28 Oct 2021 19:40

Tgt Ion:164 Resp: 8215
Ion Ratio Lower Upper
164 100
166 123.2 102.2 153.4
129 96.8 78.2 117.4
131 95.1 75.1 112.7

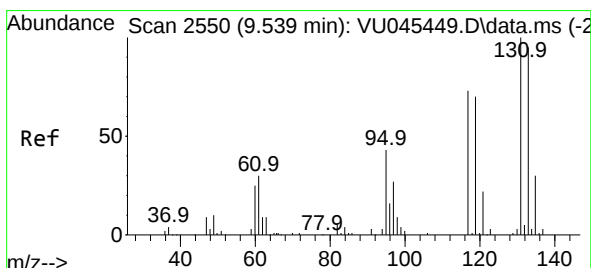
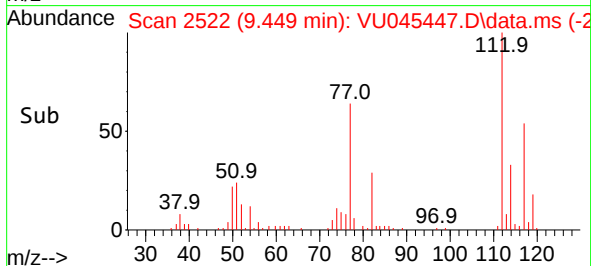
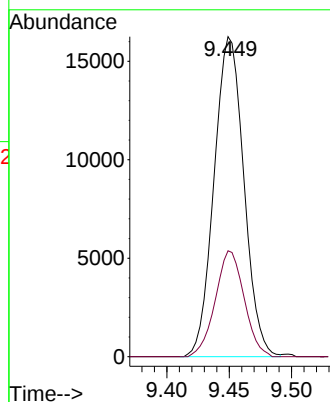
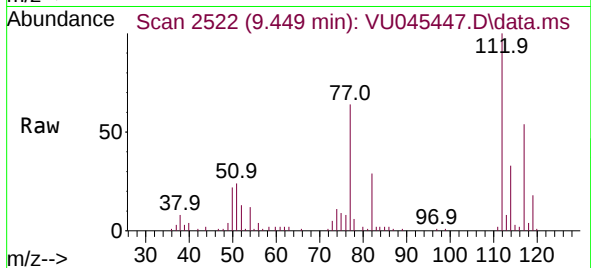




#65
Chlorobenzene
Concen: 3.907 ug/l
RT: 9.449 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU045447.D
Acq: 28 Oct 2021 19:40

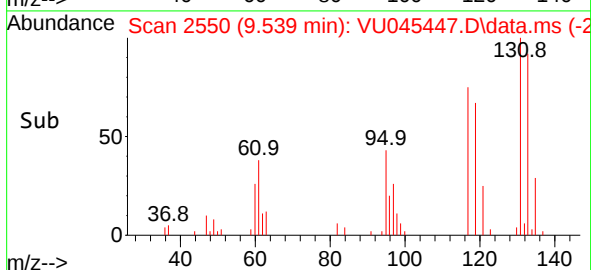
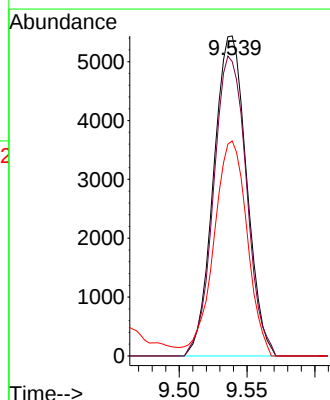
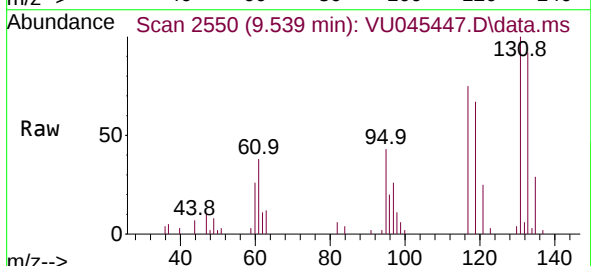
Instrument :
MSVOA_U
ClientSampleId :

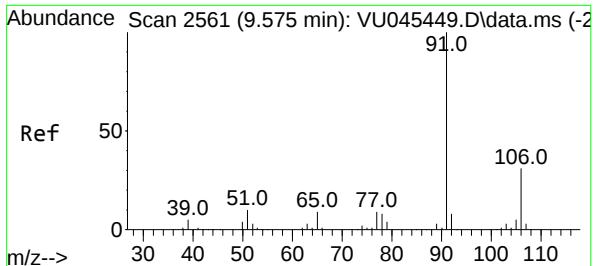
Tgt Ion:112 Resp: 27039
Ion Ratio Lower Upper
112 100
114 33.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 3.824 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. -0.000 min
Lab File: VU045447.D
Acq: 28 Oct 2021 19:40

Tgt Ion:131 Resp: 9177
Ion Ratio Lower Upper
131 100
133 93.6 47.9 143.6
119 68.1 34.5 103.6





#67

Ethyl Benzene

Concen: 3.810 ug/l

RT: 9.574 min Scan# 2561

Delta R.T. -0.000 min

Lab File: VU045447.D

Acq: 28 Oct 2021 19:40

Instrument :

MSVOA_U

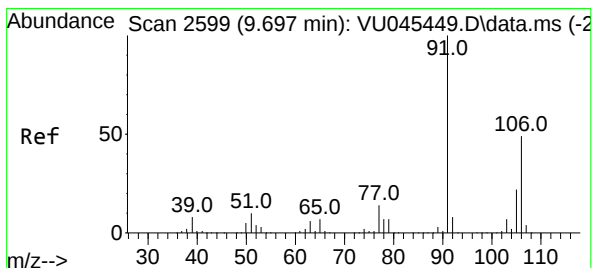
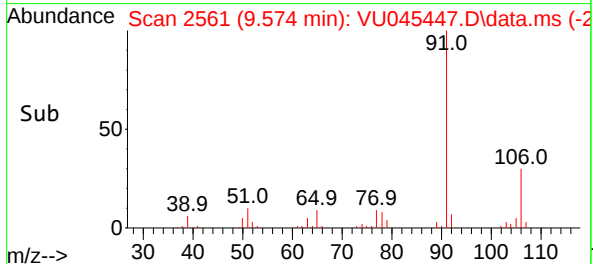
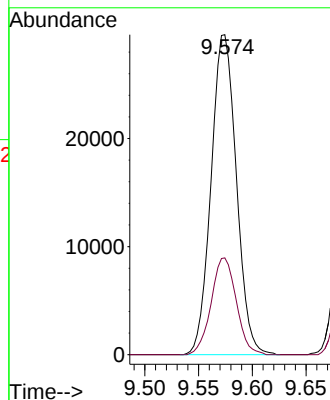
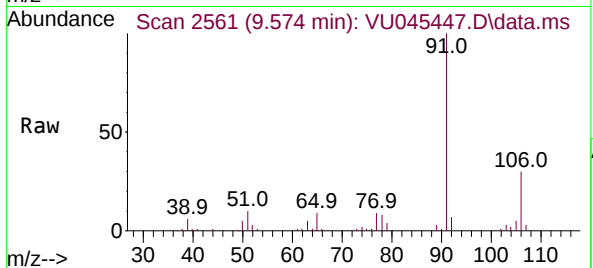
ClientSampleId :

Tgt Ion: 91 Resp: 48451

Ion Ratio Lower Upper

91 100

106 30.3 24.6 36.8



#68

m/p-Xylenes

Concen: 7.395 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. -0.000 min

Lab File: VU045447.D

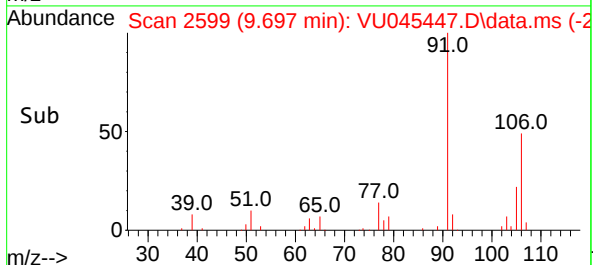
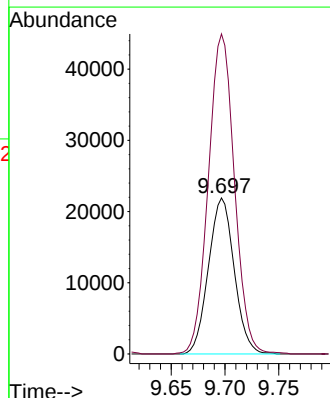
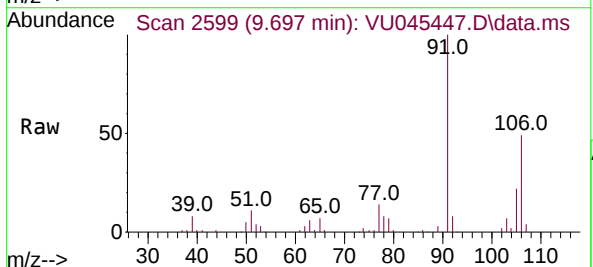
Acq: 28 Oct 2021 19:40

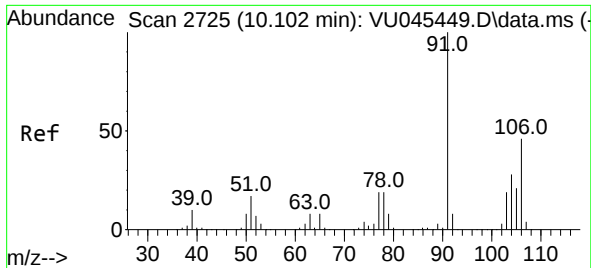
Tgt Ion:106 Resp: 36494

Ion Ratio Lower Upper

106 100

91 207.8 164.7 247.1

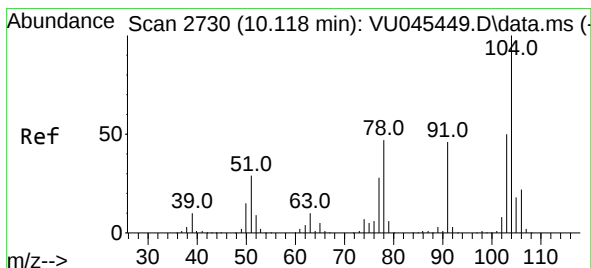
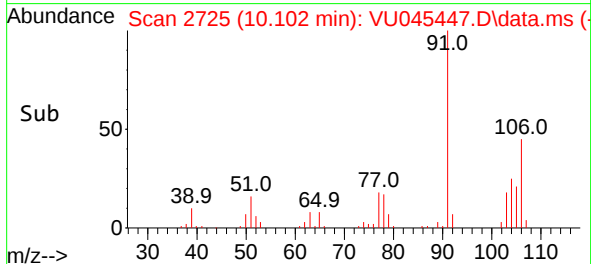
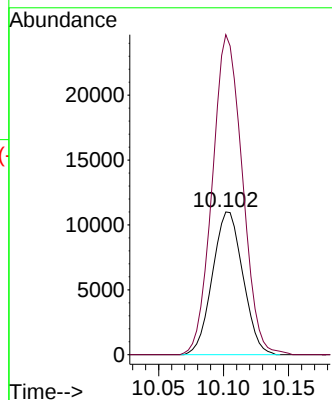
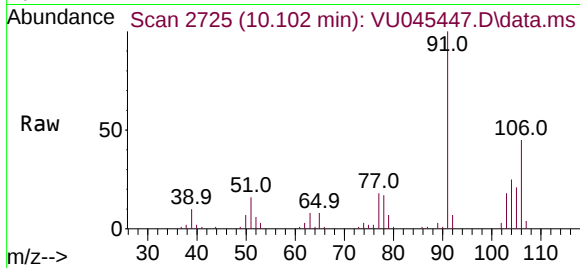




#69
o-Xylene
Concen: 3.677 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU045447.D
Acq: 28 Oct 2021 19:40

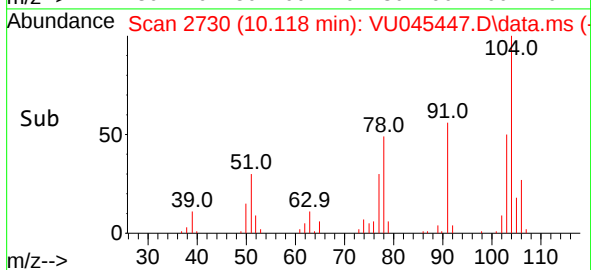
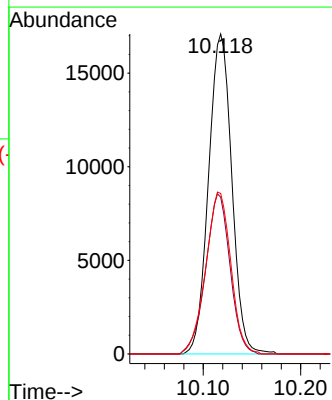
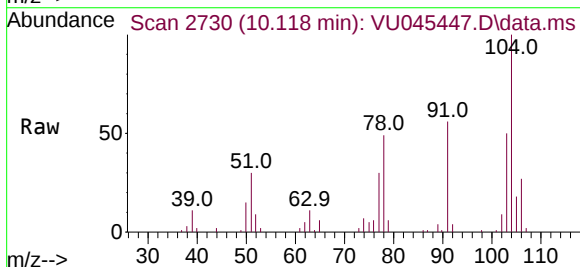
Instrument :
MSVOA_U
ClientSampleId :

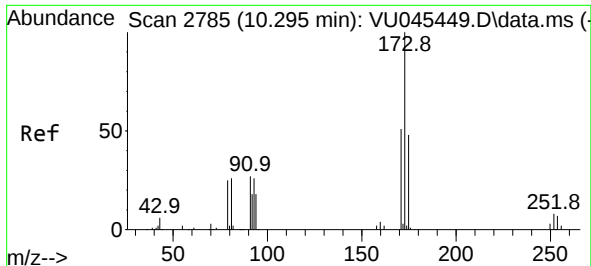
Tgt Ion:106 Resp: 17943
Ion Ratio Lower Upper
106 100
91 220.6 108.7 326.3



#70
Styrene
Concen: 3.470 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU045447.D
Acq: 28 Oct 2021 19:40

Tgt Ion:104 Resp: 28298
Ion Ratio Lower Upper
104 100
78 52.4 41.8 62.6
103 54.6 43.8 65.6

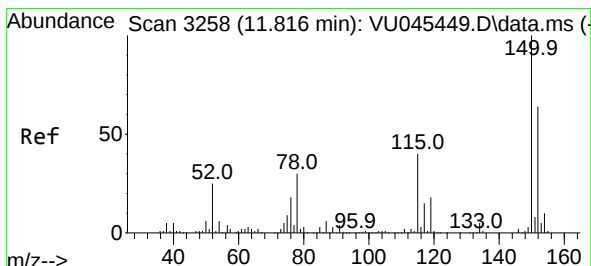
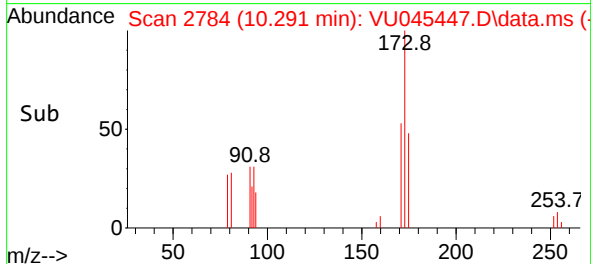
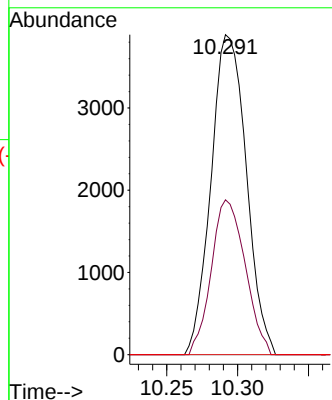
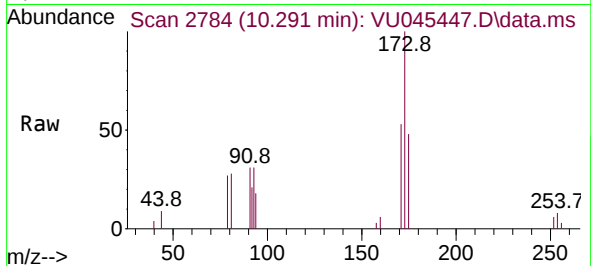




#71
Bromoform
Concen: 3.356 ug/l
RT: 10.291 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU045447.D
Acq: 28 Oct 2021 19:40

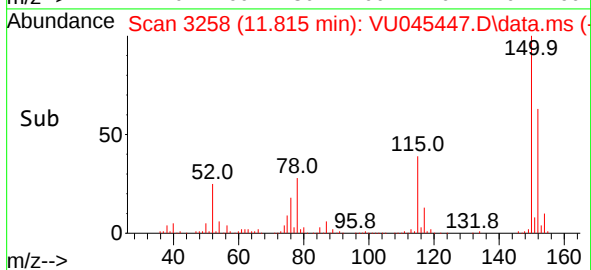
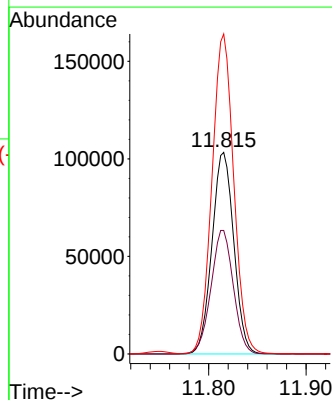
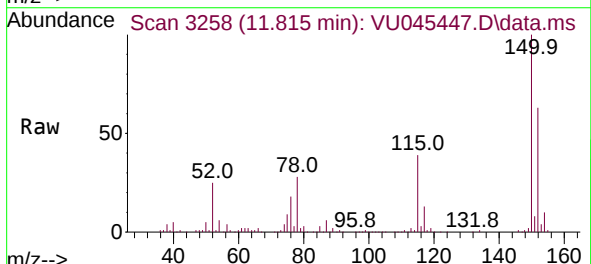
Instrument :
MSVOA_U
ClientSampleId :

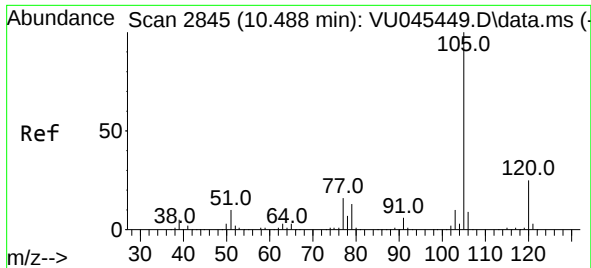
Tgt Ion:173 Resp: 6747
Ion Ratio Lower Upper
173 100
175 46.4 24.1 72.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. -0.000 min
Lab File: VU045447.D
Acq: 28 Oct 2021 19:40

Tgt Ion:152 Resp: 160454
Ion Ratio Lower Upper
152 100
115 62.8 42.7 128.1
150 158.5 0.0 346.8

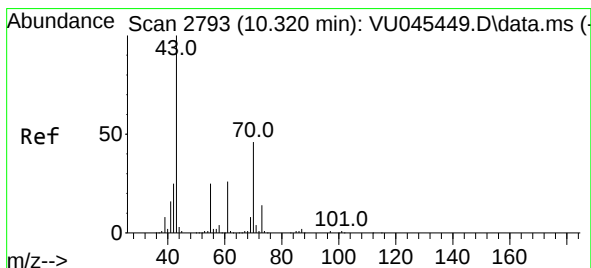
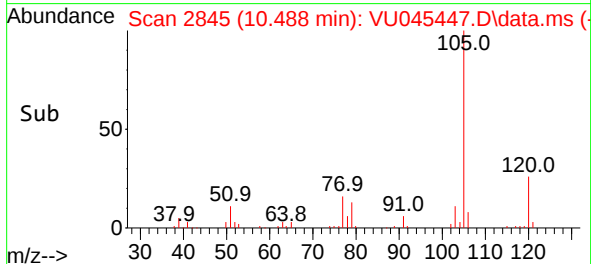
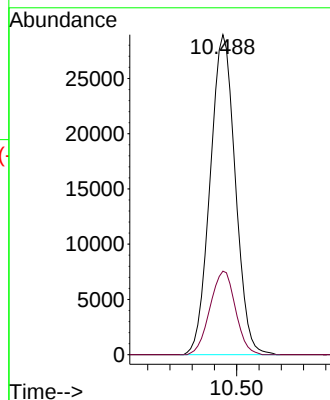
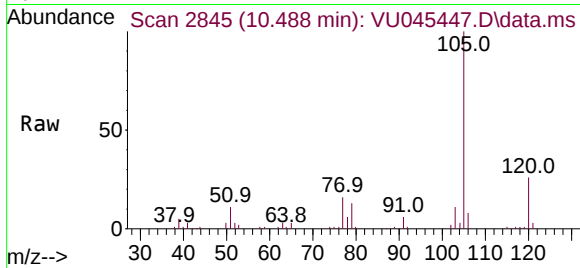




#73
Isopropylbenzene
Concen: 3.841 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU045447.D
Acq: 28 Oct 2021 19:40

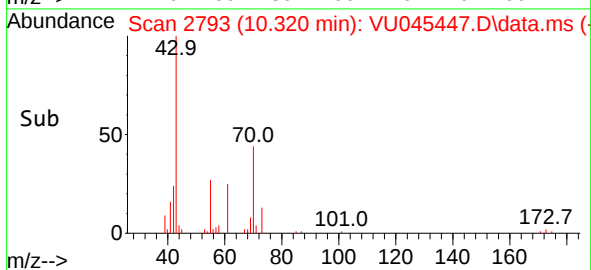
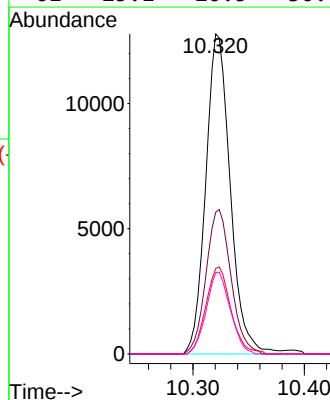
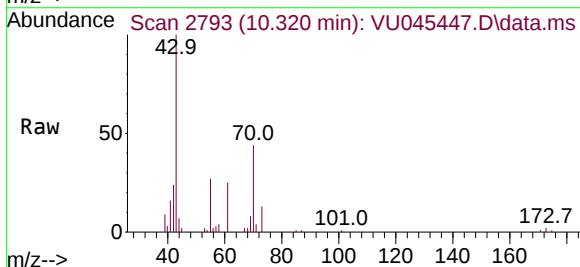
Instrument :
MSVOA_U
ClientSampleId :

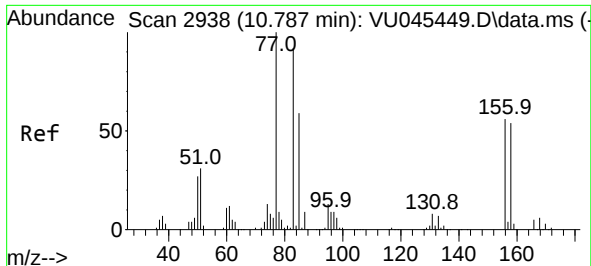
Tgt Ion:105 Resp: 45412
Ion Ratio Lower Upper
105 100
120 26.3 12.9 38.6



#74
N-ethyl acetate
Concen: 3.331 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. -0.000 min
Lab File: VU045447.D
Acq: 28 Oct 2021 19:40

Tgt Ion: 43 Resp: 19507
Ion Ratio Lower Upper
43 100
70 46.0 36.9 55.3
55 27.6 20.6 31.0
61 25.1 20.5 30.7

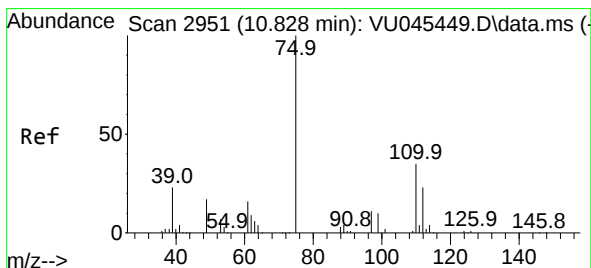
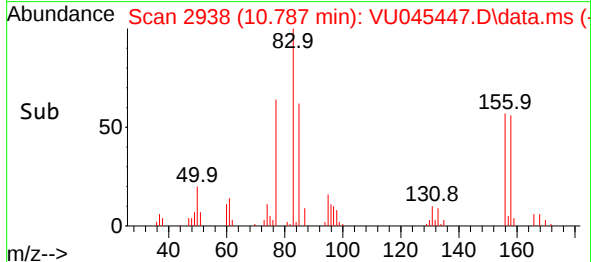
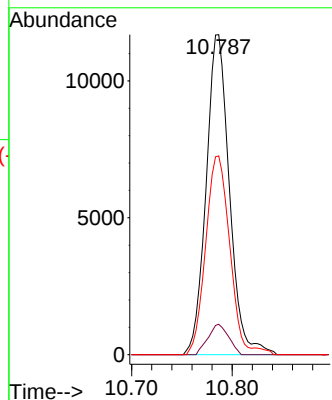
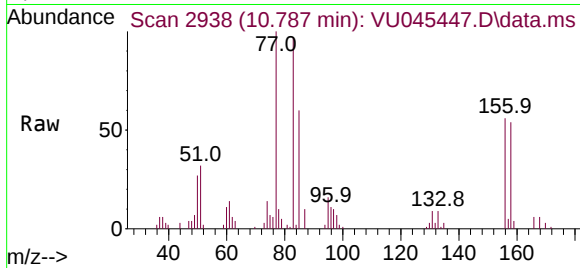




#75
1,1,2,2-Tetrachloroethane
Concen: 3.755 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU045447.D
Acq: 28 Oct 2021 19:40

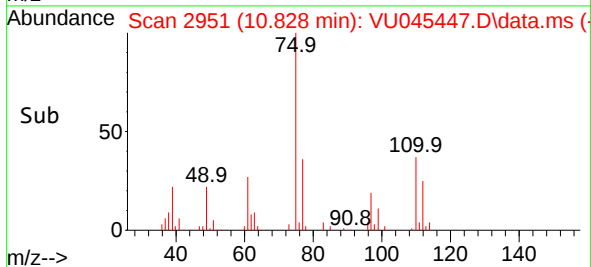
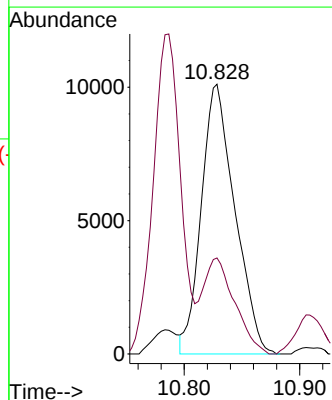
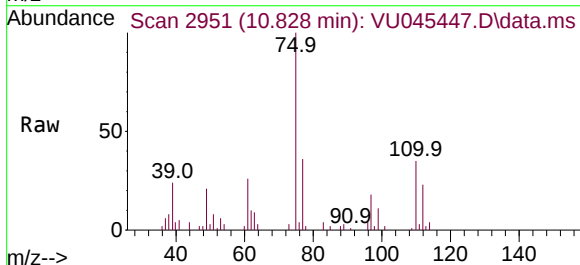
Instrument :
MSVOA_U
ClientSampleId :

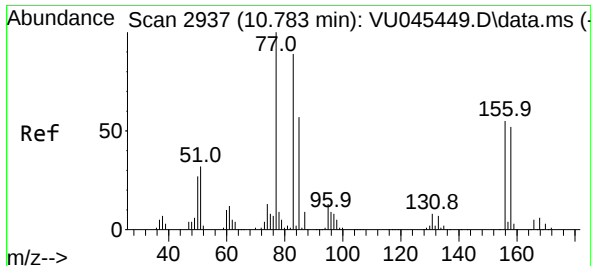
Tgt Ion: 83 Resp: 18820
Ion Ratio Lower Upper
83 100
131 8.3 4.4 13.2
85 64.5 31.9 95.9



#76
1,2,3-Trichloropropane
Concen: 4.435 ug/l
RT: 10.828 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU045447.D
Acq: 28 Oct 2021 19:40

Tgt Ion: 75 Resp: 20408
Ion Ratio Lower Upper
75 100
77 32.0 17.1 51.3

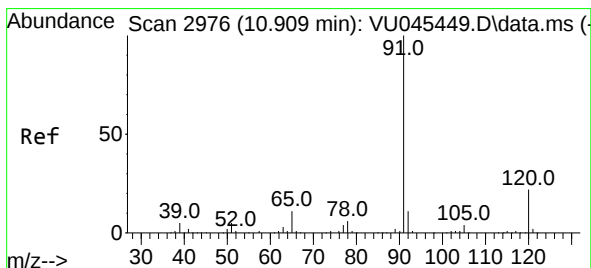
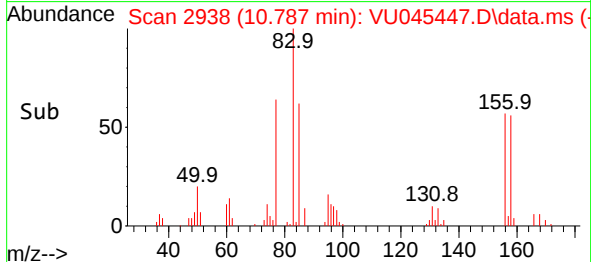
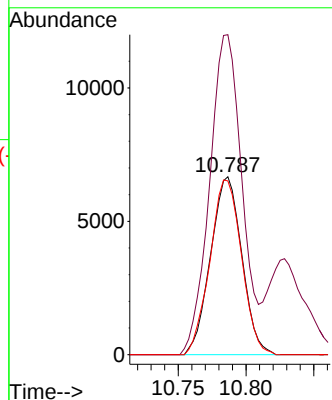
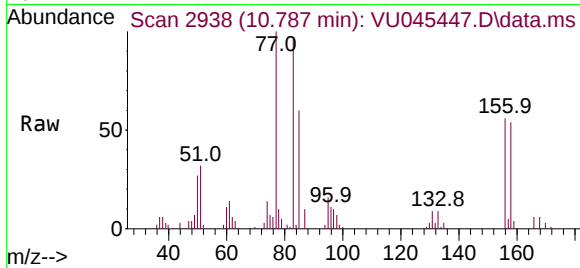




#77
Bromobenzene
Concen: 3.775 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VU045447.D
Acq: 28 Oct 2021 19:40

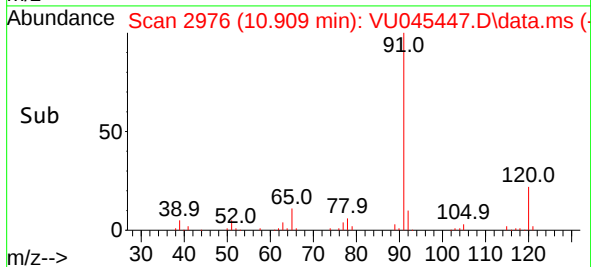
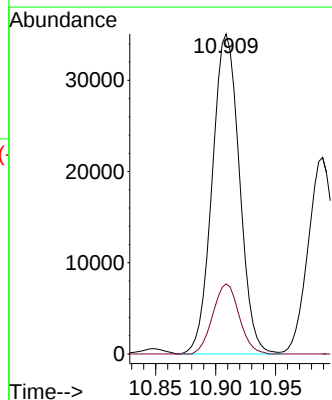
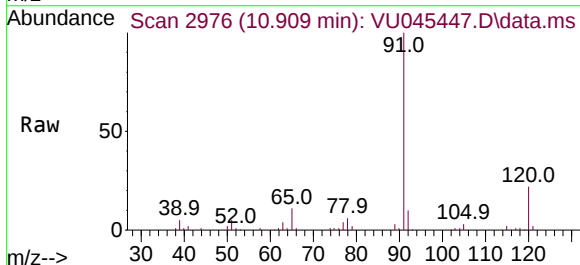
Instrument :
MSVOA_U
ClientSampleId :

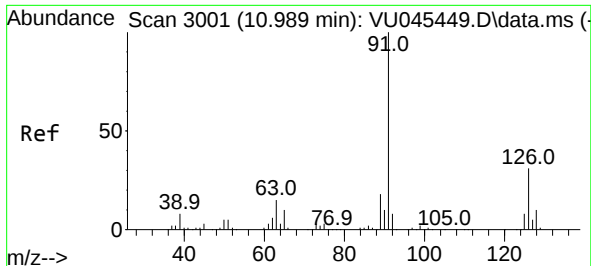
Tgt Ion:156 Resp: 10707
Ion Ratio Lower Upper
156 100
77 185.2 91.1 273.4
158 99.2 47.9 143.6



#78
n-propylbenzene
Concen: 3.852 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU045447.D
Acq: 28 Oct 2021 19:40

Tgt Ion: 91 Resp: 55363
Ion Ratio Lower Upper
91 100
120 21.1 10.9 32.7





#79

2-Chlorotoluene

Concen: 3.824 ug/l

RT: 10.989 min Scan# 3001

Delta R.T. -0.000 min

Lab File: VU045447.D

Acq: 28 Oct 2021 19:40

Instrument :

MSVOA_U

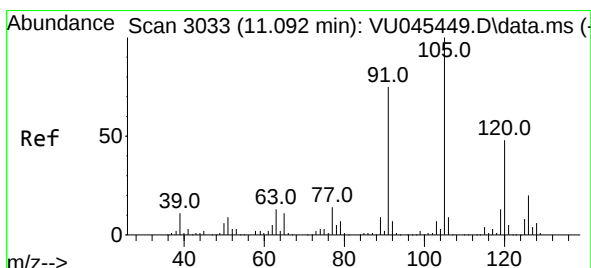
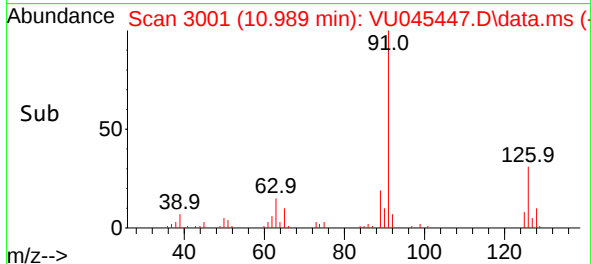
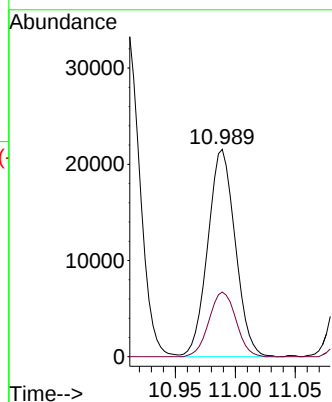
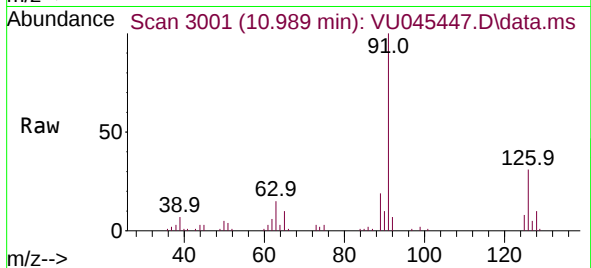
ClientSampleId :

Tgt Ion: 91 Resp: 34324

Ion Ratio Lower Upper

91 100

126 30.6 15.6 46.8



#80

1,3,5-Trimethylbenzene

Concen: 3.659 ug/l

RT: 11.092 min Scan# 3033

Delta R.T. -0.000 min

Lab File: VU045447.D

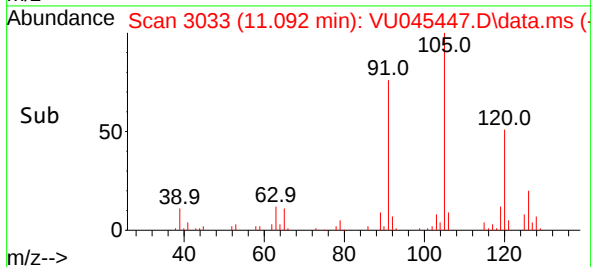
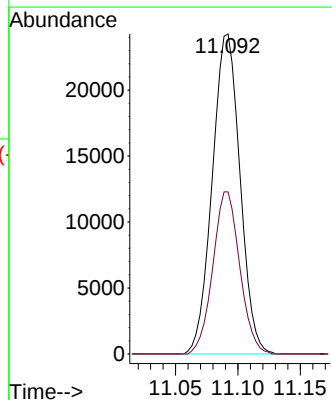
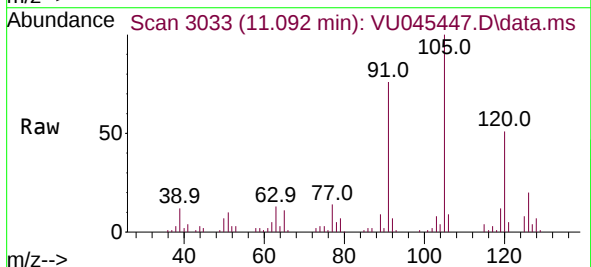
Acq: 28 Oct 2021 19:40

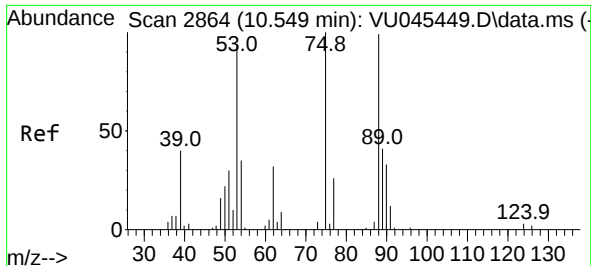
Tgt Ion: 105 Resp: 37616

Ion Ratio Lower Upper

105 100

120 49.0 23.9 71.8

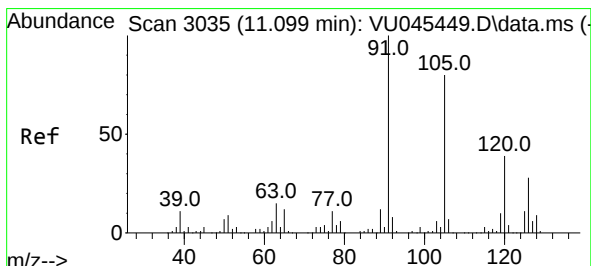
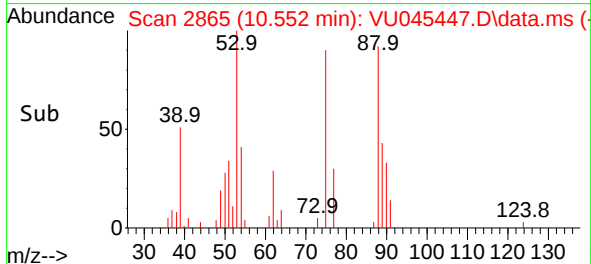
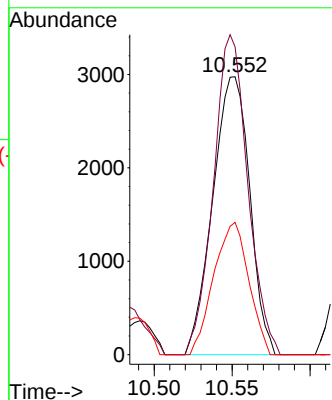
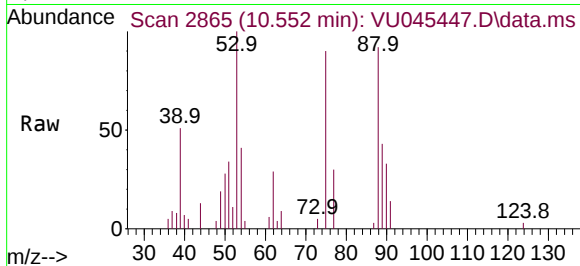




#81
trans-1,4-Dichloro-2-butene
Concen: 3.023 ug/l
RT: 10.552 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU045447.D
Acq: 28 Oct 2021 19:40

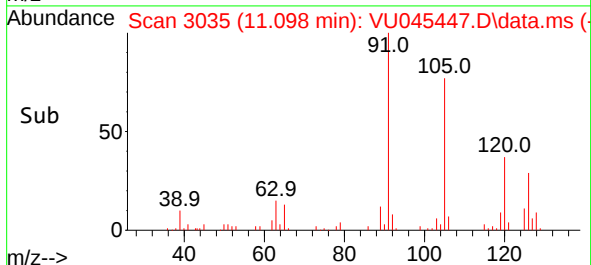
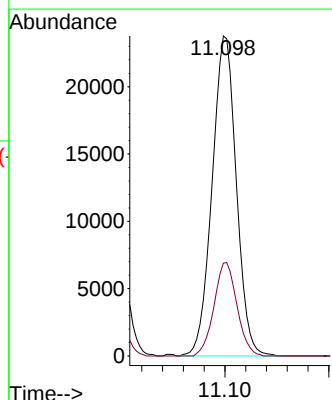
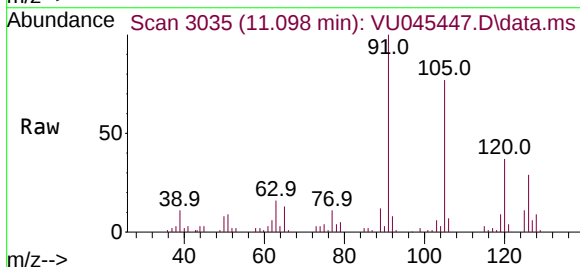
Instrument :
MSVOA_U
ClientSampleId :

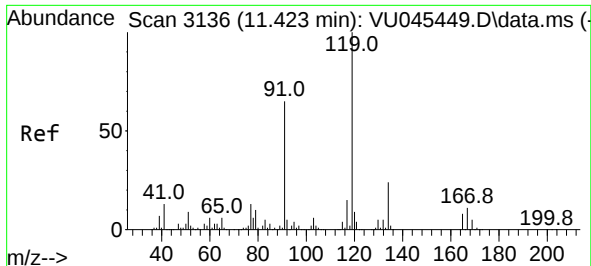
Tgt Ion: 75 Resp: 4912
Ion Ratio Lower Upper
75 100
53 106.9 76.2 114.4
89 45.1 34.0 51.0



#82
4-Chlorotoluene
Concen: 3.794 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. -0.000 min
Lab File: VU045447.D
Acq: 28 Oct 2021 19:40

Tgt Ion: 91 Resp: 38434
Ion Ratio Lower Upper
91 100
126 27.7 13.8 41.4

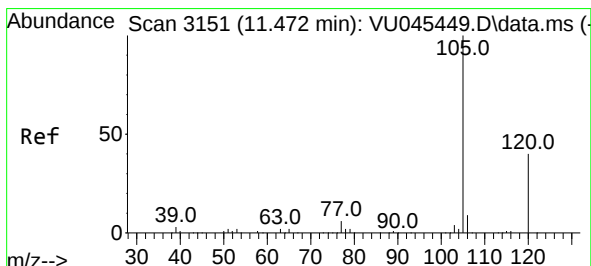
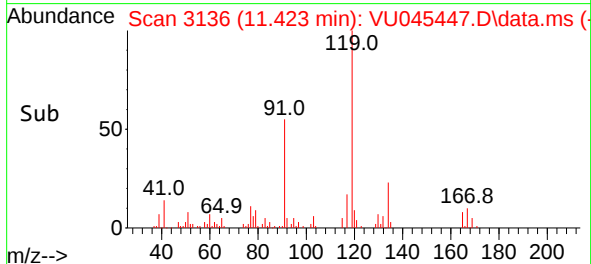
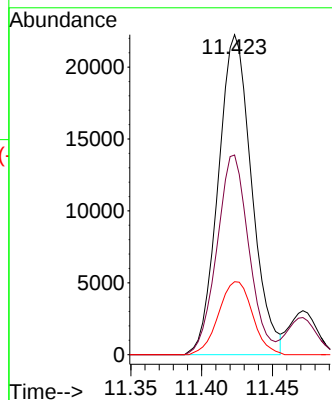
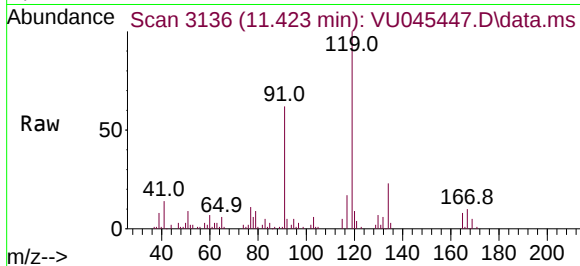




#83
tert-Butylbenzene
Concen: 3.669 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VU045447.D
Acq: 28 Oct 2021 19:40

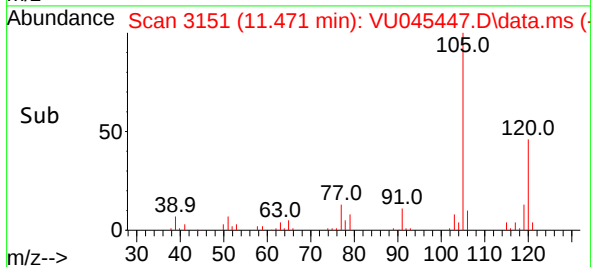
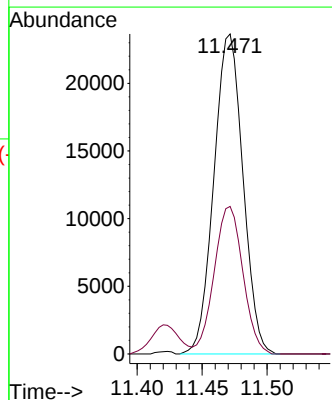
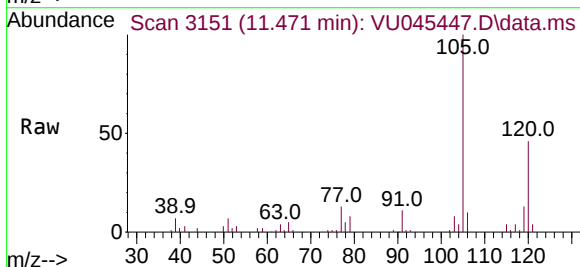
Instrument :
MSVOA_U
ClientSampleId :

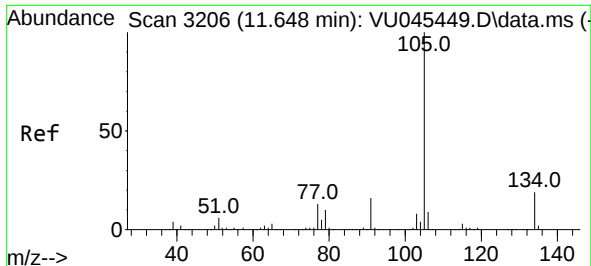
Tgt Ion	Ratio	Lower	Upper
119	100		
91	59.8	30.5	91.5
134	23.1	11.5	34.5



#84
1,2,4-Trimethylbenzene
Concen: 3.618 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU045447.D
Acq: 28 Oct 2021 19:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.2	66.6

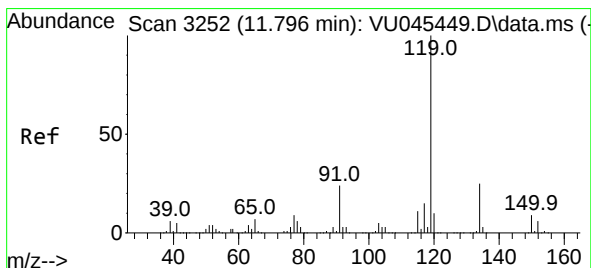
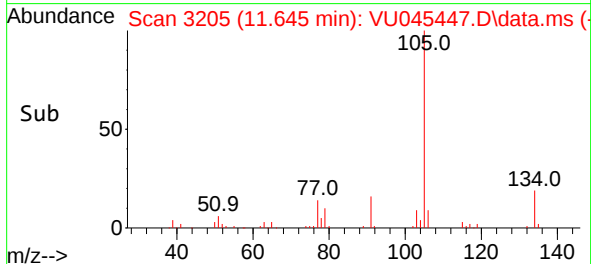
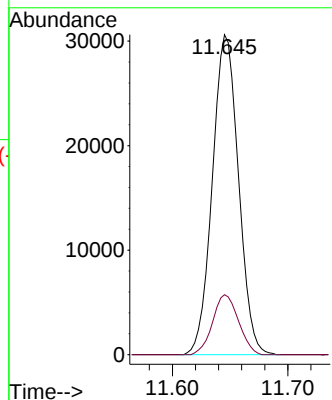
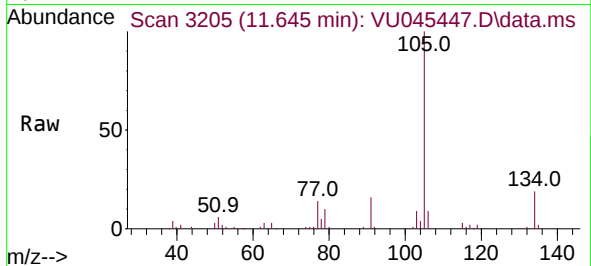




#85
 sec-Butylbenzene
 Concen: 3.741 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU045447.D
 Acq: 28 Oct 2021 19:40

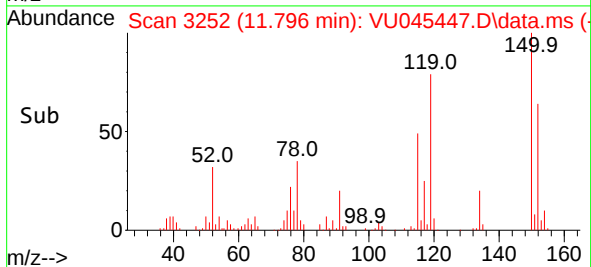
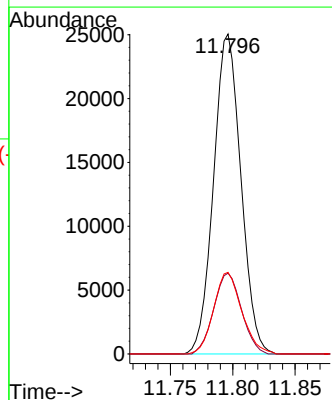
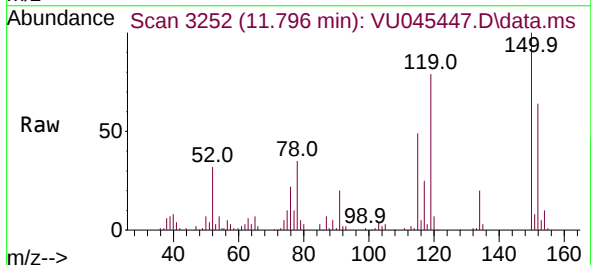
Instrument :
 MSVOA_U
 ClientSampleId :

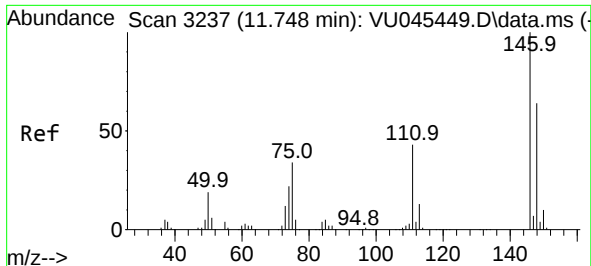
Tgt Ion:105 Resp: 48127
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.4 28.3



#86
 p-Isopropyltoluene
 Concen: 3.695 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. -0.000 min
 Lab File: VU045447.D
 Acq: 28 Oct 2021 19:40

Tgt Ion:119 Resp: 38216
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.7 38.1
 91 26.2 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 4.003 ug/l

RT: 11.748 min Scan# 3237

Delta R.T. -0.000 min

Lab File: VU045447.D

Acq: 28 Oct 2021 19:40

Instrument :

MSVOA_U

ClientSampleId :

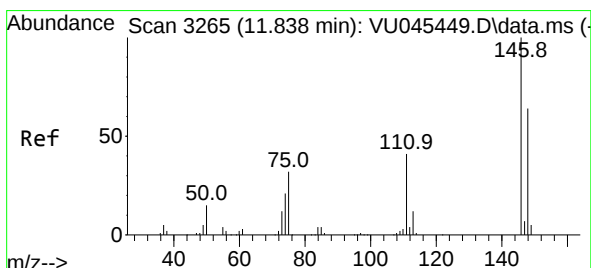
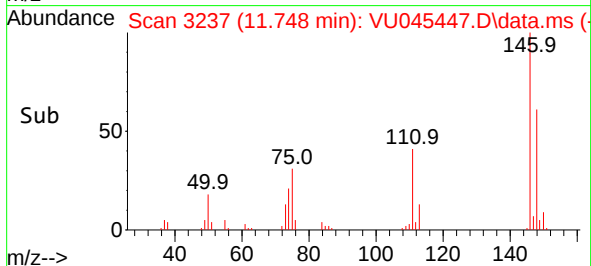
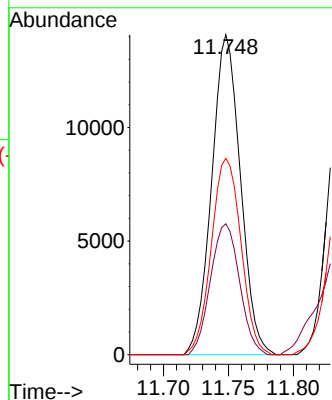
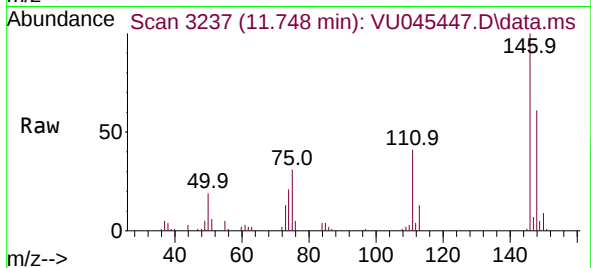
Tgt Ion:146 Resp: 21664

Ion Ratio Lower Upper

146 100

111 41.4 21.3 63.9

148 63.3 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 3.888 ug/l

RT: 11.838 min Scan# 3265

Delta R.T. -0.000 min

Lab File: VU045447.D

Acq: 28 Oct 2021 19:40

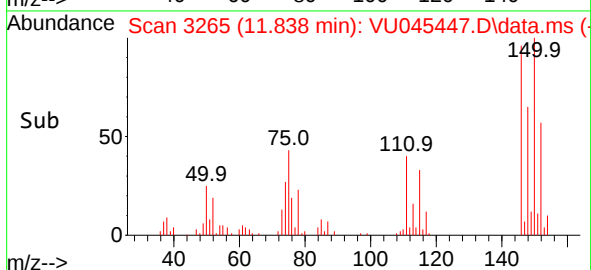
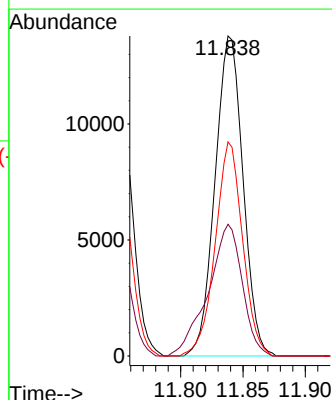
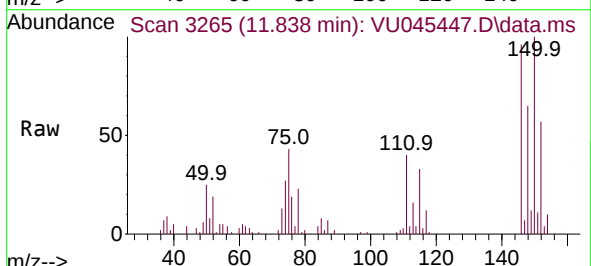
Tgt Ion:146 Resp: 21557

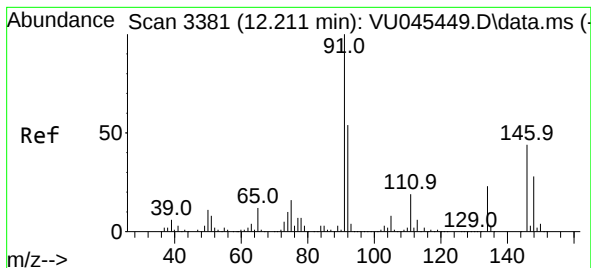
Ion Ratio Lower Upper

146 100

111 50.0 20.6 61.9

148 65.6 31.9 95.7





#89

n-Butylbenzene

Concen: 3.665 ug/l

RT: 12.211 min Scan# 3381

Delta R.T. -0.000 min

Lab File: VU045447.D

Acq: 28 Oct 2021 19:40

Instrument :

MSVOA_U

ClientSampleId :

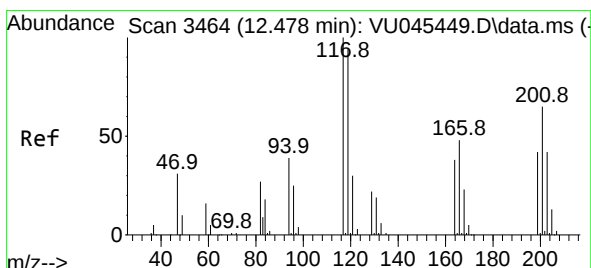
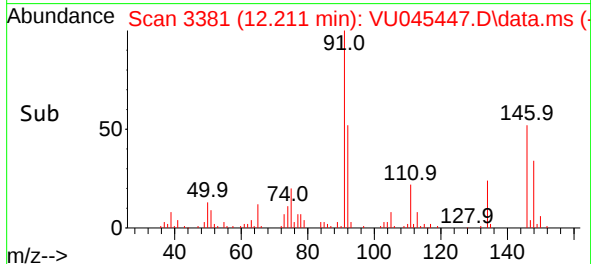
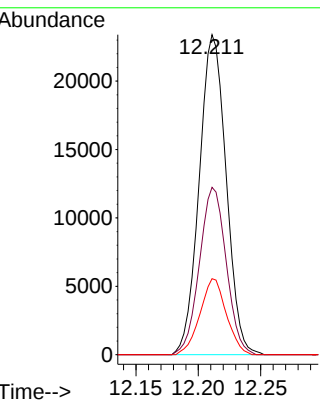
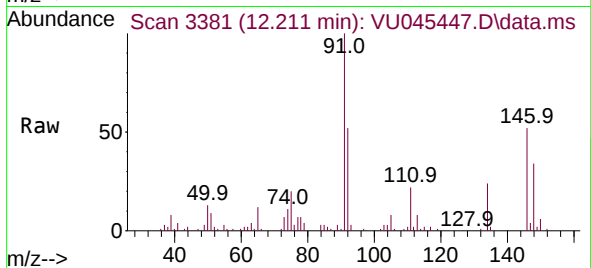
Tgt Ion: 91 Resp: 35174

Ion Ratio Lower Upper

91 100

92 52.0 27.1 81.2

134 23.3 11.8 35.4



#90

Hexachloroethane

Concen: 3.534 ug/l

RT: 12.481 min Scan# 3465

Delta R.T. 0.003 min

Lab File: VU045447.D

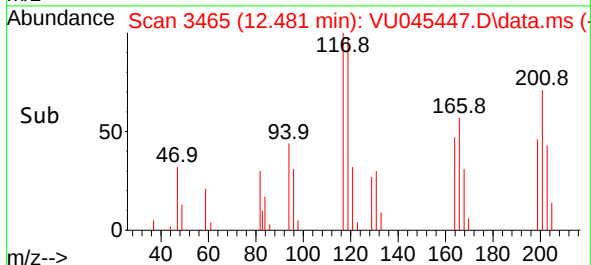
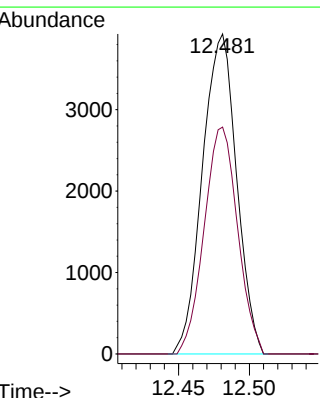
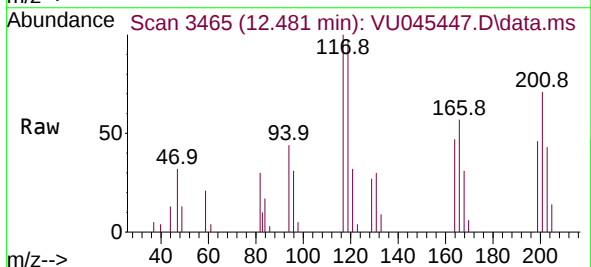
Acq: 28 Oct 2021 19:40

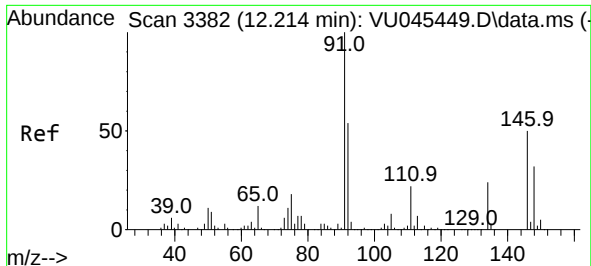
Tgt Ion: 117 Resp: 6593

Ion Ratio Lower Upper

117 100

201 69.4 33.8 101.4

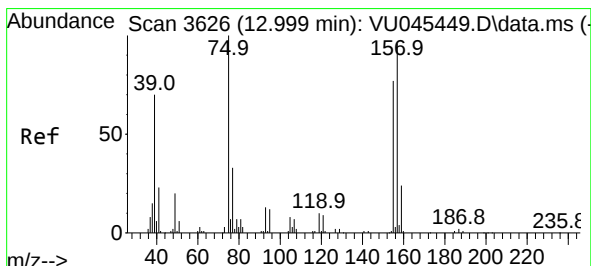
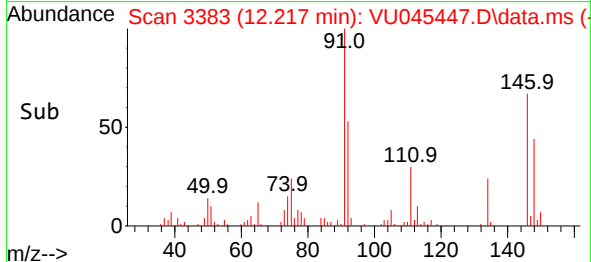
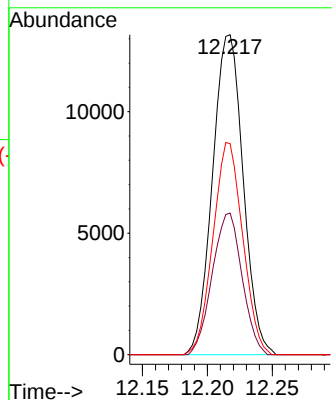
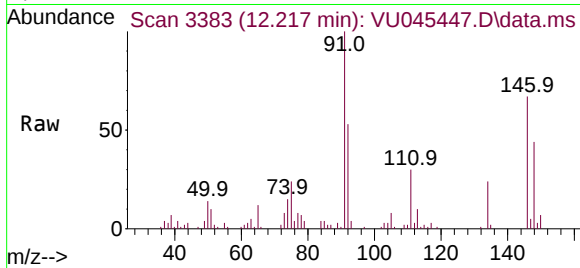




#91
 1,2-Dichlorobenzene
 Concen: 3.909 ug/l
 RT: 12.217 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU045447.D
 Acq: 28 Oct 2021 19:40

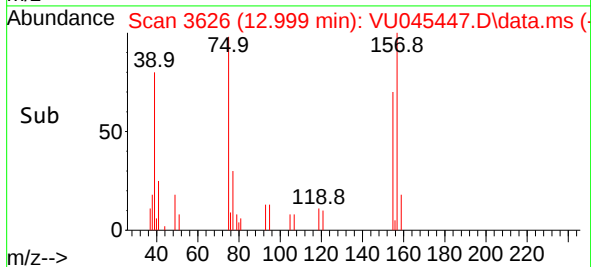
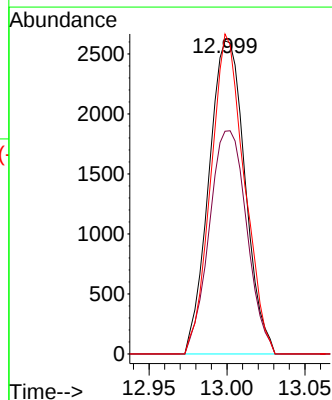
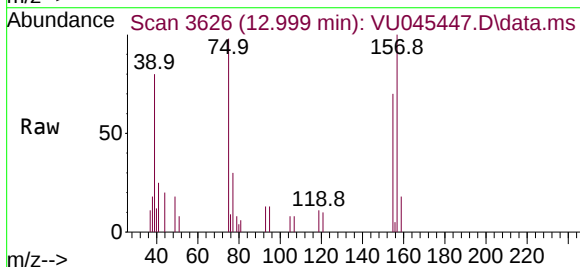
Instrument :
 MSVOA_U
 ClientSampleId :

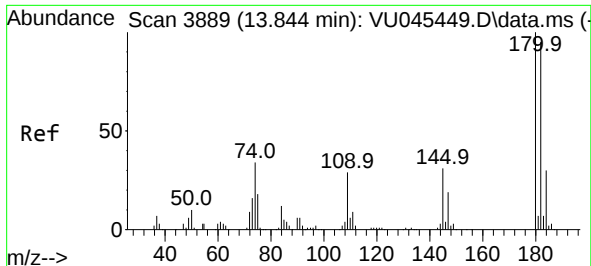
Tgt Ion:146 Resp: 21585
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.9 65.5
 148 64.4 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.547 ug/l
 RT: 12.999 min Scan# 3626
 Delta R.T. -0.000 min
 Lab File: VU045447.D
 Acq: 28 Oct 2021 19:40

Tgt Ion: 75 Resp: 4210
 Ion Ratio Lower Upper
 75 100
 155 73.8 37.8 113.3
 157 94.8 48.4 145.2





#93

1,2,4-Trichlorobenzene

Concen: 4.103 ug/l

RT: 13.844 min Scan# 3889

Delta R.T. -0.000 min

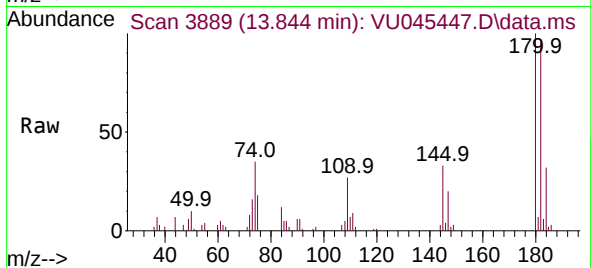
Lab File: VU045447.D

Acq: 28 Oct 2021 19:40

Instrument :

MSVOA_U

ClientSampleId :



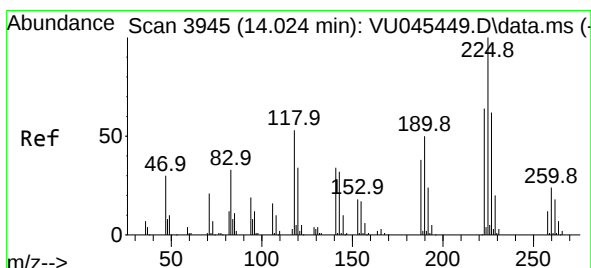
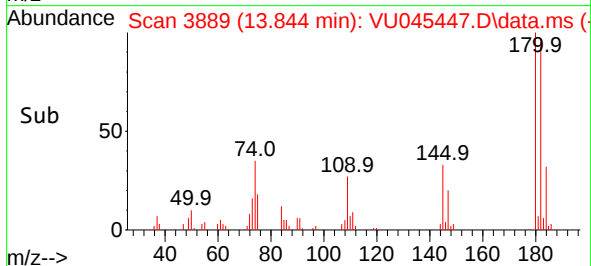
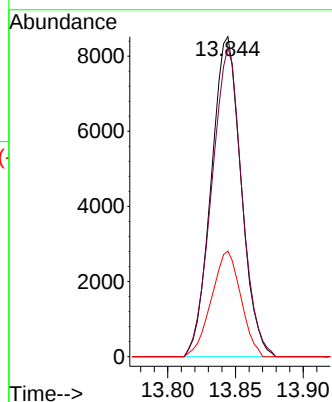
Tgt Ion:180 Resp: 13025

Ion Ratio Lower Upper

180 100

182 97.5 47.0 141.2

145 32.5 15.6 46.7



#94

Hexachlorobutadiene

Concen: 3.909 ug/l

RT: 14.024 min Scan# 3945

Delta R.T. -0.000 min

Lab File: VU045447.D

Acq: 28 Oct 2021 19:40

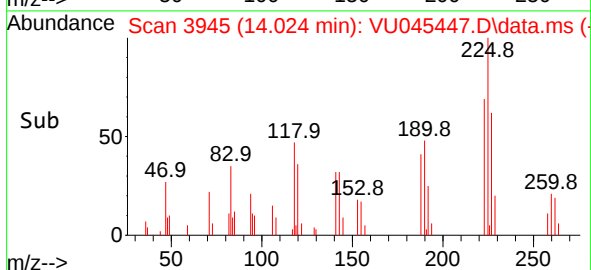
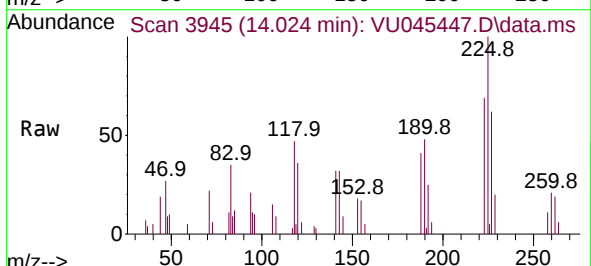
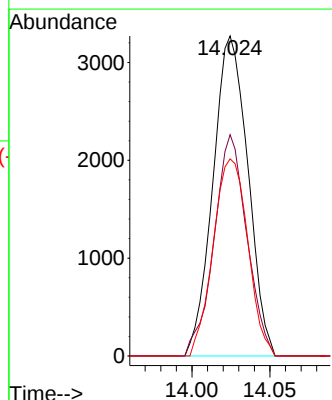
Tgt Ion:225 Resp: 5094

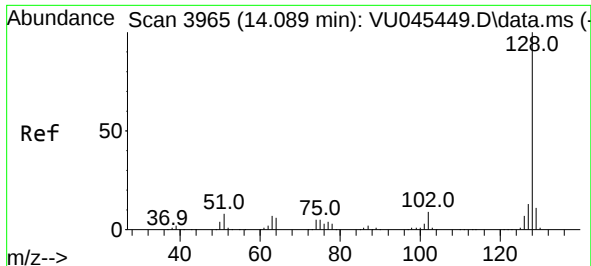
Ion Ratio Lower Upper

225 100

223 64.8 32.0 96.2

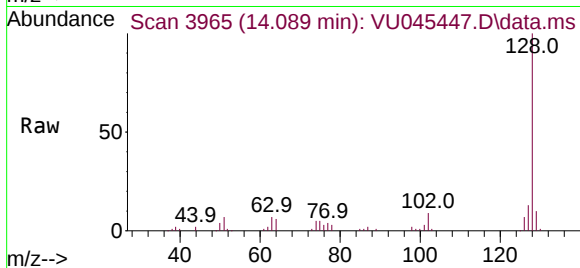
227 61.2 31.1 93.5



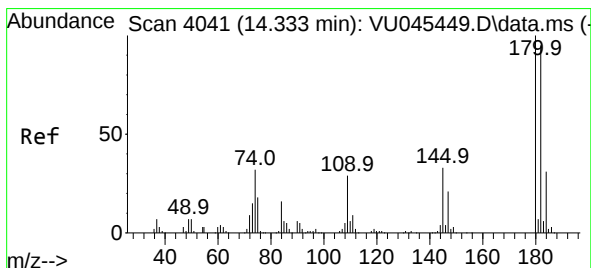
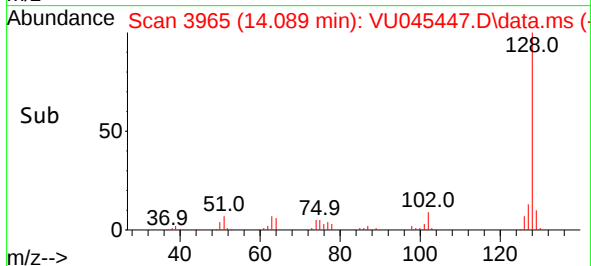
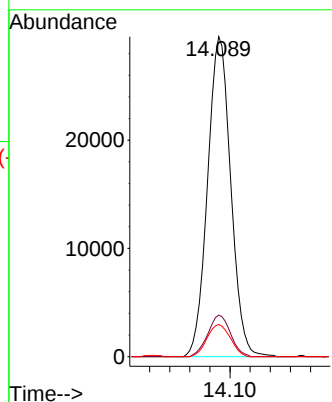


#95
Naphthalene
Concen: 3.948 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045447.D
Acq: 28 Oct 2021 19:40

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	128	Resp:	47339
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.6	15.8
129	10.0	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 4.208 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VU045447.D
Acq: 28 Oct 2021 19:40

Tgt Ion:	180	Resp:	13479
Ion Ratio	Lower	Upper	
180	100		
182	95.4	47.7	143.1
145	32.3	16.7	50.0

