

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102921\
 Data File : VU045458.D
 Acq On : 29 Oct 2021 13:03
 Operator : SY/MD
 Sample : VU1029MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1029MBS01

Quant Time: Oct 30 04:04:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 11:09:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.379	168	191206	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	347975	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	331748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	163935	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	161807	51.980	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.960%	
35) Dibromofluoromethane	5.295	113	115905	52.384	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.760%	
50) Toluene-d8	7.903	98	455655	52.517	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.040%	
62) 4-Bromofluorobenzene	10.636	95	173099	52.355	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.720%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	56689	20.464	ug/l	97
3) Chloromethane	1.520	50	75434	19.826	ug/l	99
4) Vinyl Chloride	1.607	62	65294	20.672	ug/l	100
5) Bromomethane	1.861	94	42560	22.196	ug/l	98
6) Chloroethane	1.935	64	41210	21.655	ug/l	100
7) Trichlorofluoromethane	2.141	101	75757	21.422	ug/l	100
8) Diethyl Ether	2.379	74	37053	22.599	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.584	101	47151	22.193	ug/l	100
10) Methyl Iodide	2.729	142	31345	21.783	ug/l	97
11) Tert butyl alcohol	3.224	59	78471	116.785	ug/l	100
12) 1,1-Dichloroethene	2.584	96	44217	20.241	ug/l	97
13) Acrolein	2.494	56	14269	94.882	ug/l	99
14) Allyl chloride	2.928	41	85663	21.356	ug/l	99
15) Acrylonitrile	3.321	53	183030	112.352	ug/l	99
16) Acetone	2.642	43	177429	125.550	ug/l	99
17) Carbon Disulfide	2.797	76	131654	20.709	ug/l	99
18) Methyl Acetate	2.954	43	117051	22.242	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	178010	22.148	ug/l	99
20) Methylene Chloride	3.051	84	57209	20.315	ug/l	99
21) trans-1,2-Dichloroethene	3.356	96	49776	21.145	ug/l	98
22) Diisopropyl ether	3.996	45	173865	22.165	ug/l	96
23) Vinyl Acetate	3.961	43	682303	112.136	ug/l	100
24) 1,1-Dichloroethane	3.874	63	97952	21.310	ug/l	99
25) 2-Butanone	4.713	43	255276	119.656	ug/l	100
26) 2,2-Dichloropropane	4.671	77	79053	22.200	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	58628	21.643	ug/l	98
28) Bromochloromethane	4.980	49	49067	21.641	ug/l	100
29) Tetrahydrofuran	5.060	42	156081	112.811	ug/l	100
30) Chloroform	5.092	83	95902	21.517	ug/l	100
31) Cyclohexane	5.391	56	96469	20.815	ug/l	98
32) 1,1,1-Trichloroethane	5.321	97	78485	21.457	ug/l	99
36) 1,1-Dichloropropene	5.533	75	72353	21.843	ug/l	99
37) Ethyl Acetate	4.809	43	91496	22.808	ug/l	99
38) Carbon Tetrachloride	5.530	117	62640	21.683	ug/l	97
39) Methylcyclohexane	6.768	83	89530	21.735	ug/l	99
40) Benzene	5.780	78	215698	21.632	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	48790	22.981	ug/l	98
42) 1,2-Dichloroethane	5.800	62	80907	22.093	ug/l	99
43) Isopropyl Acetate	5.916	43	136413	22.564	ug/l	100
44) Trichloroethene	6.546	130	49957	21.617	ug/l	97
45) 1,2-Dichloropropane	6.797	63	57594	21.948	ug/l	98
46) Dibromomethane	6.922	93	38901	22.767	ug/l	100
47) Bromodichloromethane	7.112	83	74036	22.017	ug/l	95
48) Methyl methacrylate	6.964	41	64051	22.352	ug/l	99
49) 1,4-Dioxane	7.012	88	33868	465.055	ug/l #	99
51) 4-Methyl-2-Pentanone	7.793	43	449899	115.137	ug/l	99
52) Toluene	7.973	92	132161	21.804	ug/l	99
53) t-1,3-Dichloropropene	8.214	75	84327	22.002	ug/l	99
54) cis-1,3-Dichloropropene	7.613	75	91813	22.369	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	55535	22.430	ug/l	97
56) Ethyl methacrylate	8.337	69	88985	20.638	ug/l	99
57) 1,3-Dichloropropane	8.578	76	97190	22.114	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.468	63	240416	105.937	ug/l	99
59) 2-Hexanone	8.687	43	352528	116.442	ug/l	99
60) Dibromochloromethane	8.813	129	52582	22.129	ug/l	99
61) 1,2-Dibromoethane	8.928	107	58495	22.556	ug/l	98
64) Tetrachloroethene	8.555	164	40232	21.216	ug/l	98
65) Chlorobenzene	9.452	112	134544	21.390	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.539	131	45999	21.676	ug/l	99
67) Ethyl Benzene	9.575	91	250975	21.782	ug/l	99
68) m/p-Xylenes	9.697	106	190350	43.766	ug/l	98
69) o-Xylene	10.105	106	93457	22.037	ug/l	100
70) Styrene	10.118	104	156316	20.521	ug/l	100
71) Bromoform	10.295	173	37390	20.691	ug/l #	100
73) Isopropylbenzene	10.488	105	240836	21.787	ug/l	100
74) N-amyl acetate	10.324	43	111570	20.165	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.787	83	95138	21.685	ug/l	100
76) 1,2,3-Trichloropropane	10.829	75	111385	25.501	ug/l	93
77) Bromobenzene	10.787	156	56008	21.716	ug/l	98
78) n-propylbenzene	10.909	91	298783	22.295	ug/l	99
79) 2-Chlorotoluene	10.989	91	175296	21.731	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	207578	22.317	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	30080	20.916	ug/l	98
82) 4-Chlorotoluene	11.099	91	205016	22.350	ug/l	100
83) tert-Butylbenzene	11.423	119	194997	21.719	ug/l	100
84) 1,2,4-Trimethylbenzene	11.472	105	205877	22.090	ug/l	98
85) sec-Butylbenzene	11.648	105	260306	22.093	ug/l	100
86) p-Isopropyltoluene	11.796	119	214123	20.625	ug/l	100
87) 1,3-Dichlorobenzene	11.748	146	110227	21.651	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	110058	21.140	ug/l	98
89) n-Butylbenzene	12.211	91	207128	20.833	ug/l	100
90) Hexachloroethane	12.481	117	35581	21.158	ug/l	98
91) 1,2-Dichlorobenzene	12.217	146	107932	21.196	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	22929	21.759	ug/l	98
93) 1,2,4-Trichlorobenzene	13.844	180	73069	21.428	ug/l	98
94) Hexachlorobutadiene	14.025	225	28093	22.626	ug/l	99
95) Naphthalene	14.089	128	279769	20.810	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	75445	21.949	ug/l	99

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QLast Update : Fri Oct 29 11:09:42 2021
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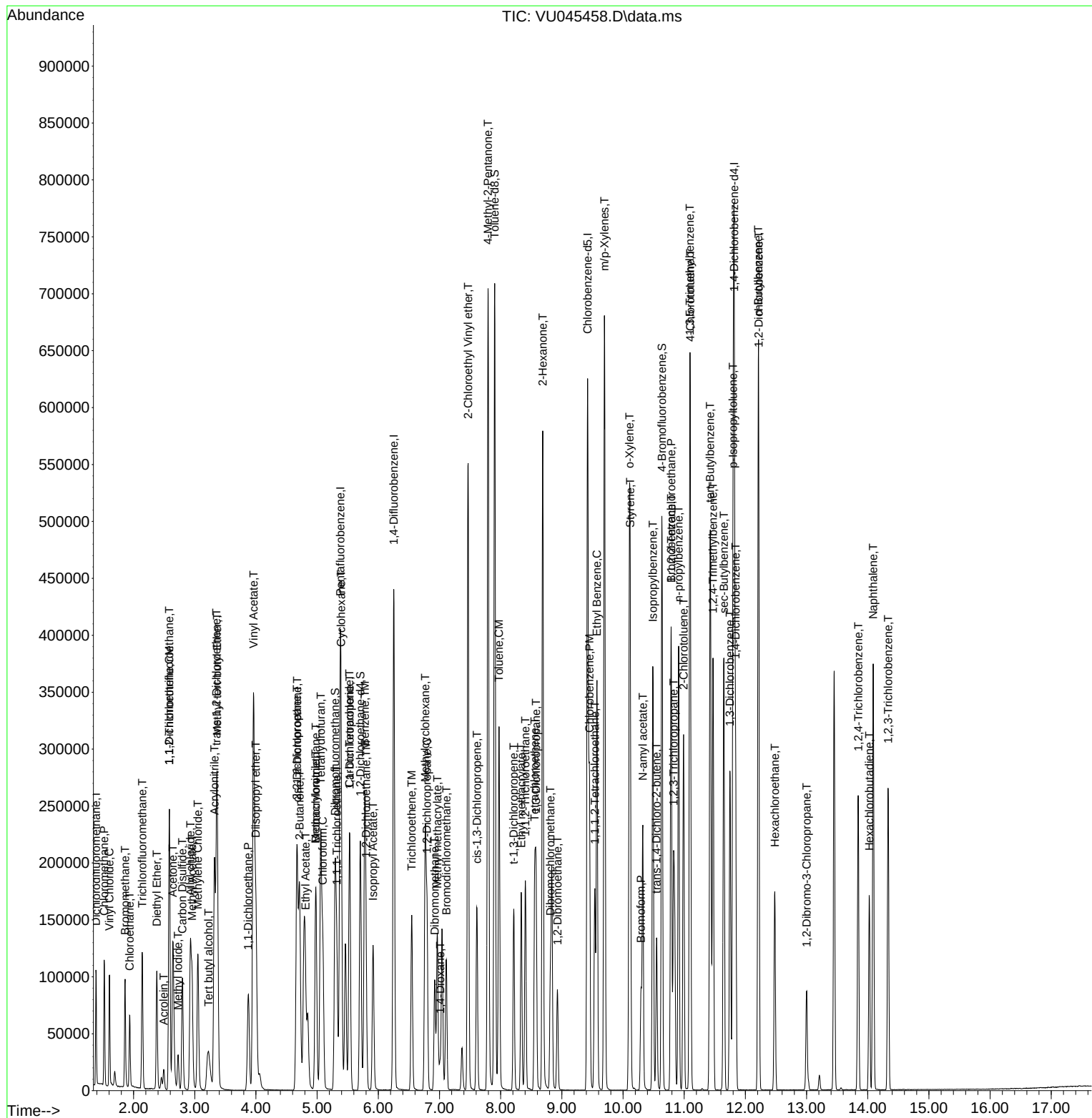
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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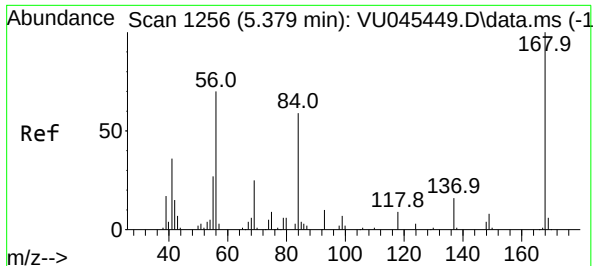
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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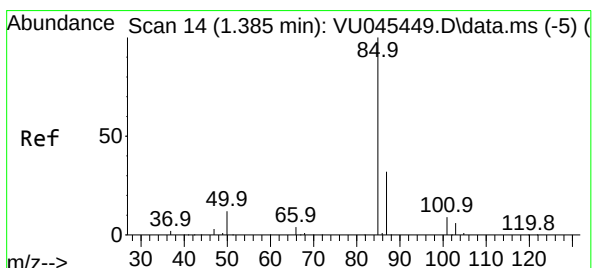
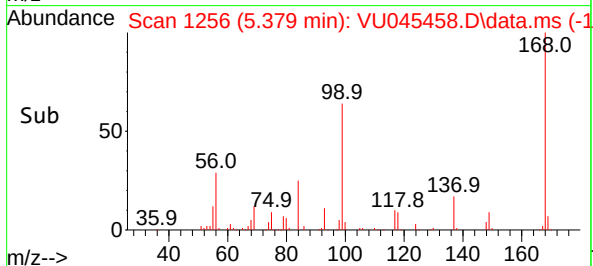
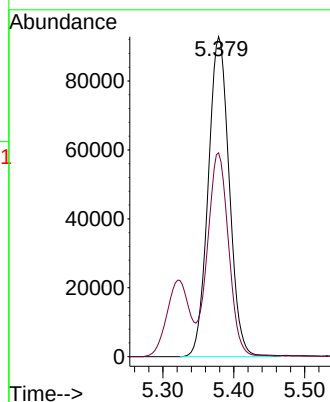
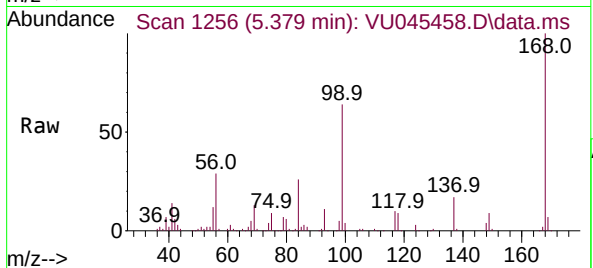




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045458.D
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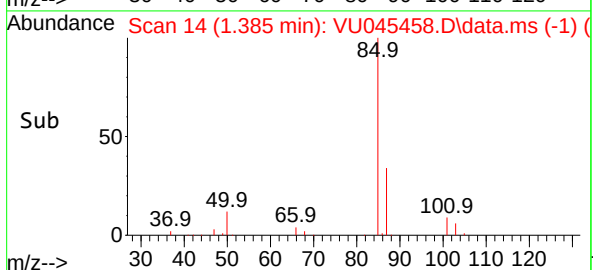
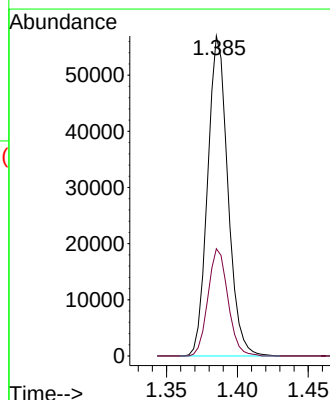
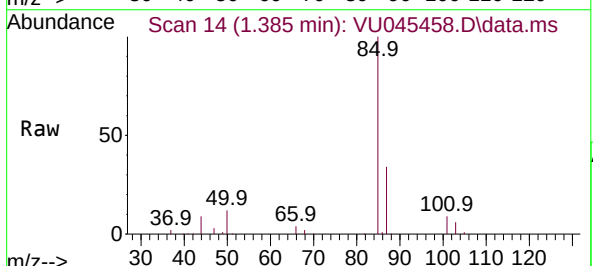
Instrument :
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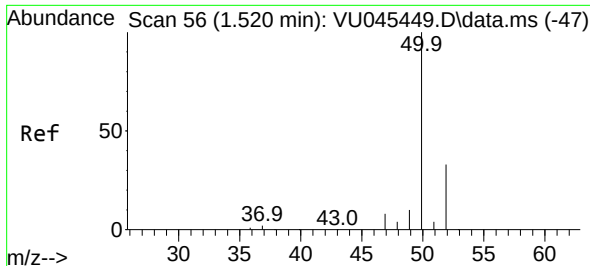
Tgt Ion:168 Resp: 191206
Ion Ratio Lower Upper
168 100
99 63.4 51.0 76.6



#2
Dichlorodifluoromethane
Concen: 20.464 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045458.D
Acq: 29 Oct 2021 13:03

Tgt Ion: 85 Resp: 56689
Ion Ratio Lower Upper
85 100
87 33.5 15.9 47.7

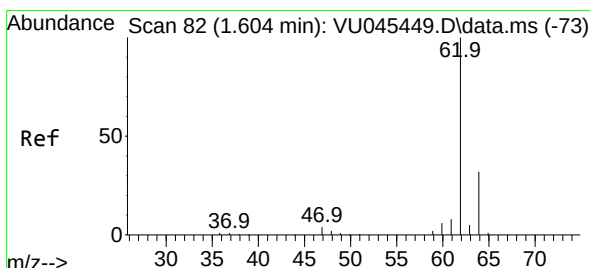
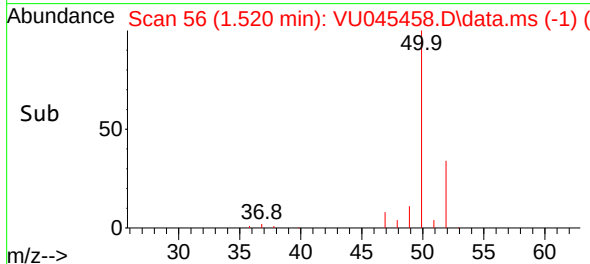
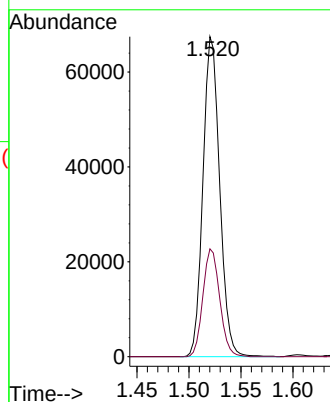
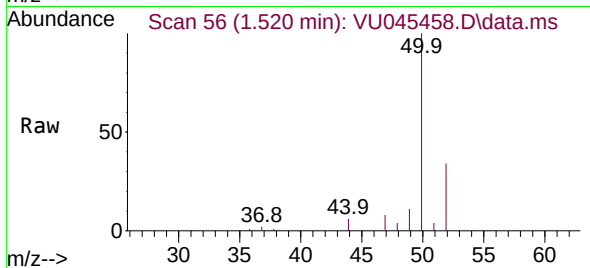




#3
Chloromethane
Concen: 19.826 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU045458.D
Acq: 29 Oct 2021 13:03

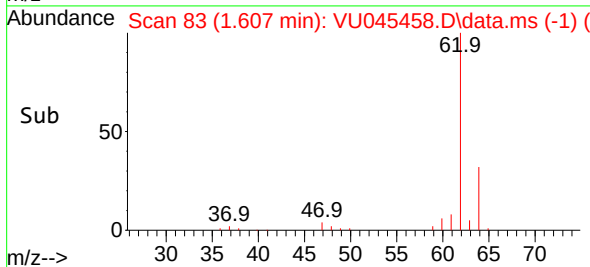
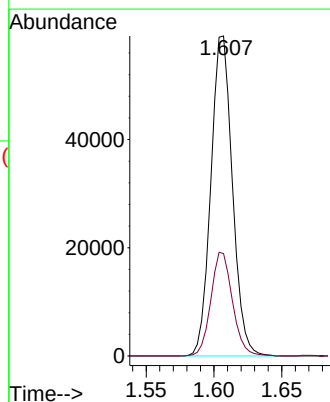
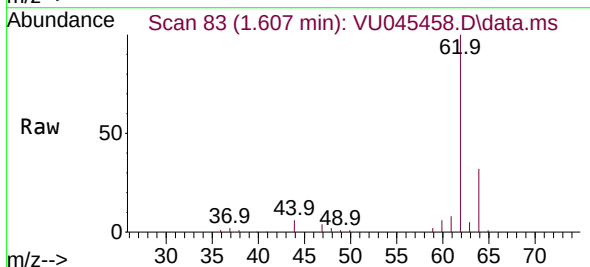
Instrument :
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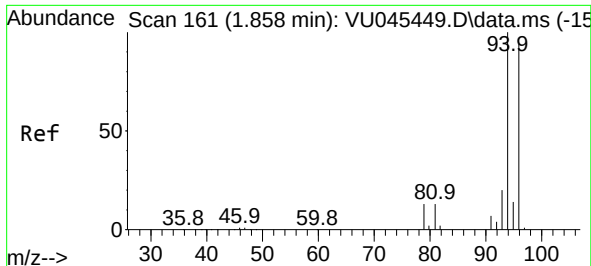
Tgt Ion: 50 Resp: 75434
Ion Ratio Lower Upper
50 100
52 33.7 26.6 40.0



#4
Vinyl Chloride
Concen: 20.672 ug/l
RT: 1.607 min Scan# 83
Delta R.T. 0.003 min
Lab File: VU045458.D
Acq: 29 Oct 2021 13:03

Tgt Ion: 62 Resp: 65294
Ion Ratio Lower Upper
62 100
64 32.0 25.8 38.6

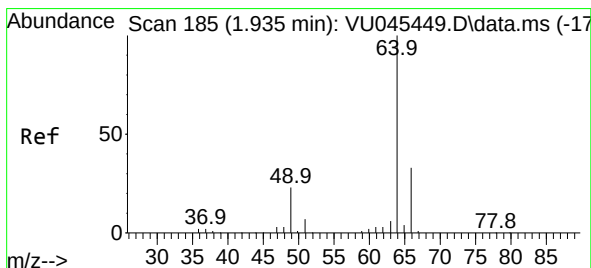
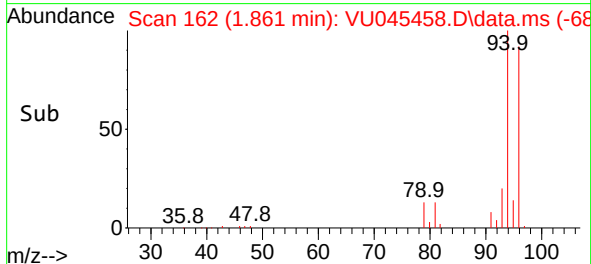
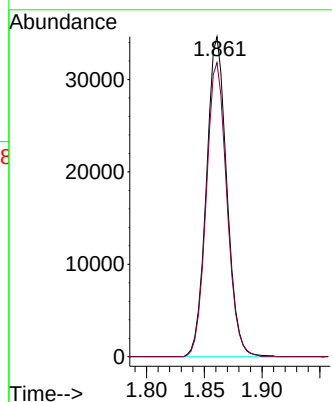
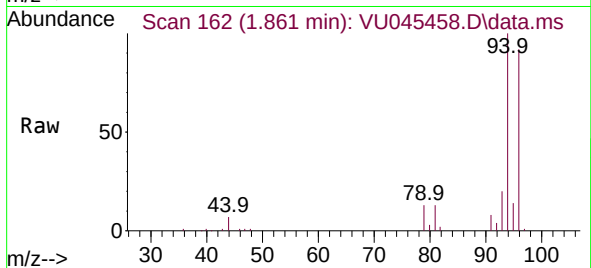




#5
Bromomethane
Concen: 22.196 ug/l
RT: 1.861 min Scan# 161
Delta R.T. 0.003 min
Lab File: VU045458.D
Acq: 29 Oct 2021 13:03

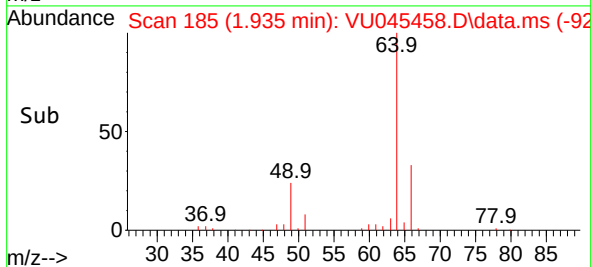
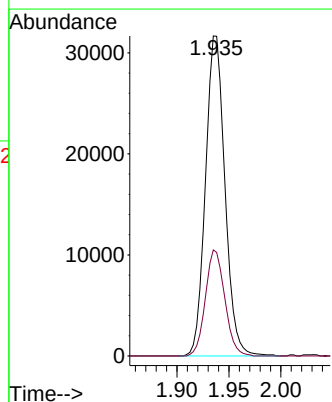
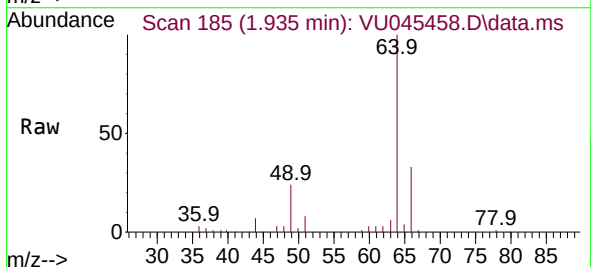
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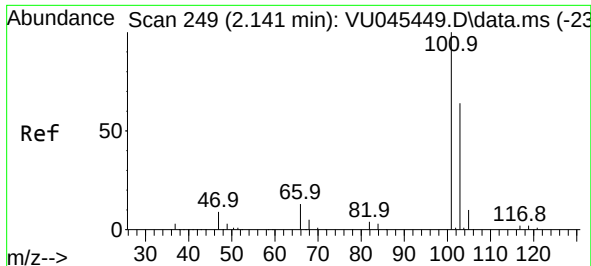
Tgt Ion: 94 Resp: 42560
Ion Ratio Lower Upper
94 100
96 91.9 75.4 113.2



#6
Chloroethane
Concen: 21.655 ug/l
RT: 1.935 min Scan# 185
Delta R.T. -0.000 min
Lab File: VU045458.D
Acq: 29 Oct 2021 13:03

Tgt Ion: 64 Resp: 41210
Ion Ratio Lower Upper
64 100
66 33.1 26.7 40.1

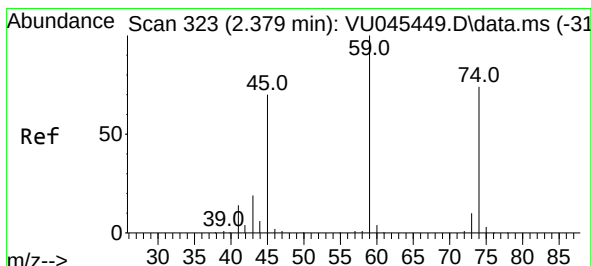
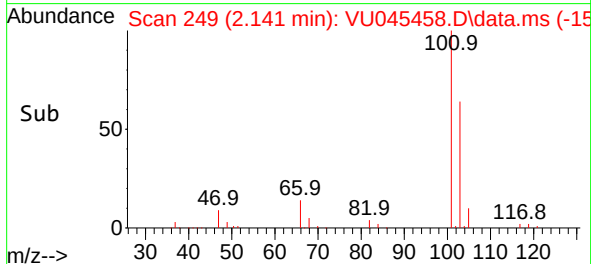
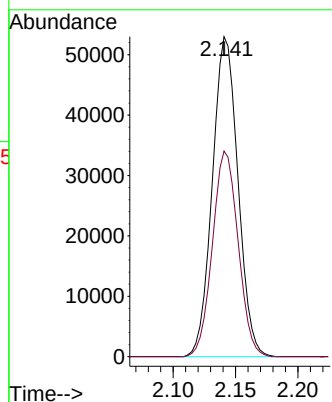
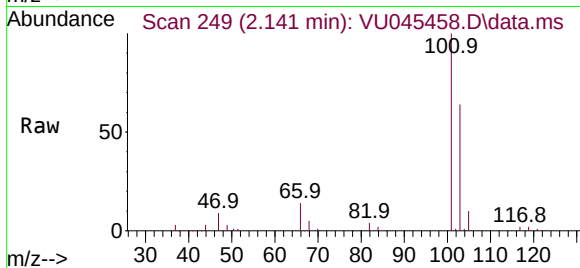




#7
 Trichlorofluoromethane
 Concen: 21.422 ug/l
 RT: 2.141 min Scan# 249
 Delta R.T. 0.000 min
 Lab File: VU045458.D
 Acq: 29 Oct 2021 13:03

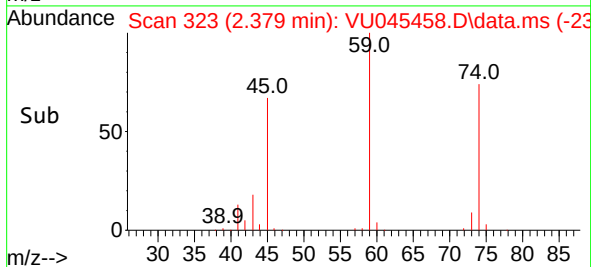
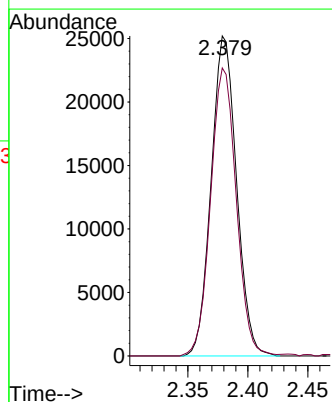
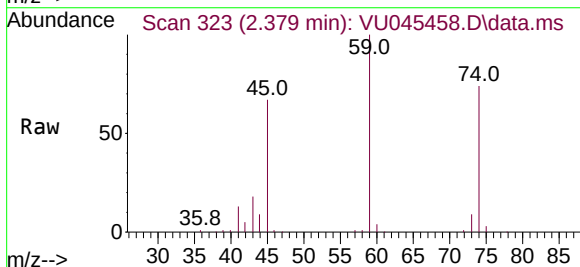
Instrument :
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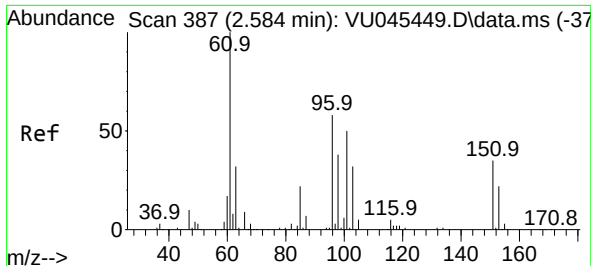
Tgt Ion:101 Resp: 75757
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.4 77.0



#8
 Diethyl Ether
 Concen: 22.599 ug/l
 RT: 2.379 min Scan# 323
 Delta R.T. 0.000 min
 Lab File: VU045458.D
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Tgt Ion: 74 Resp: 37053
 Ion Ratio Lower Upper
 74 100
 45 90.9 47.3 141.8

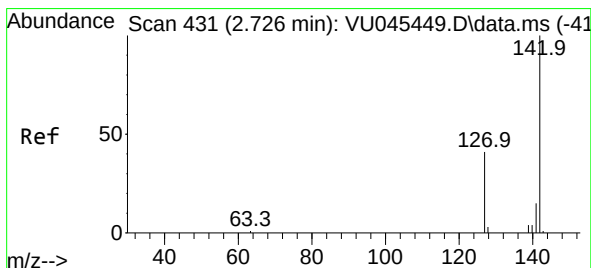
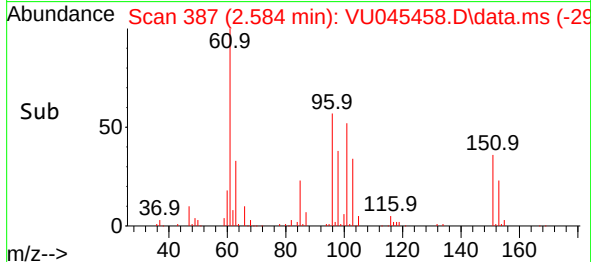
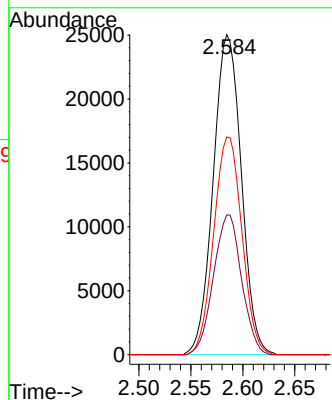
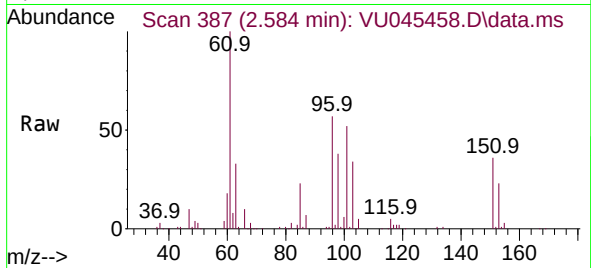




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.193 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU045458.D
Acq: 29 Oct 2021 13:03

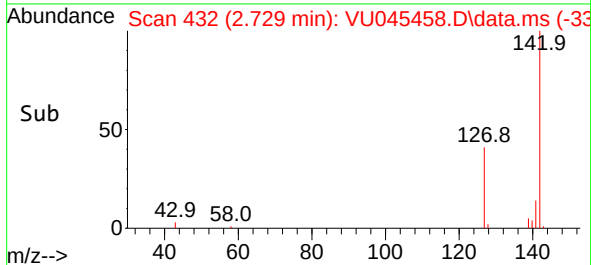
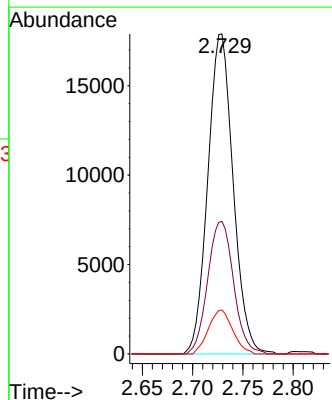
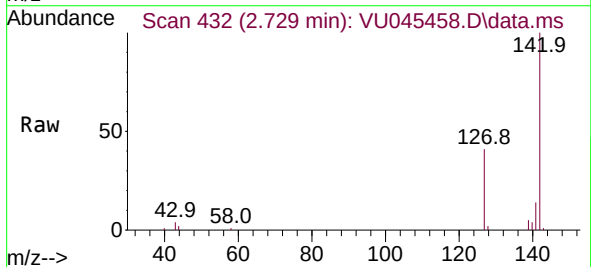
Instrument :
MSVOA_U
ClientSampleId :
VU1029MBS01

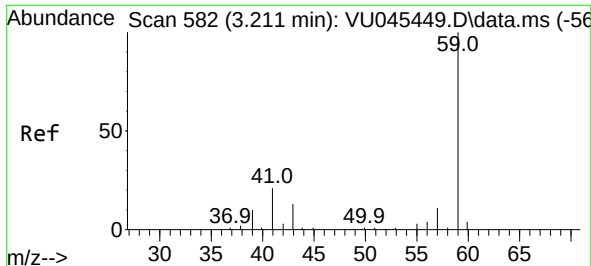
Tgt Ion:101 Resp: 47151
Ion Ratio Lower Upper
101 100
85 43.6 35.0 52.4
151 68.2 54.6 82.0



#10
Methyl Iodide
Concen: 21.783 ug/l
RT: 2.729 min Scan# 432
Delta R.T. 0.003 min
Lab File: VU045458.D
Acq: 29 Oct 2021 13:03

Tgt Ion:142 Resp: 31345
Ion Ratio Lower Upper
142 100
127 42.3 32.2 48.2
141 13.1 11.3 16.9

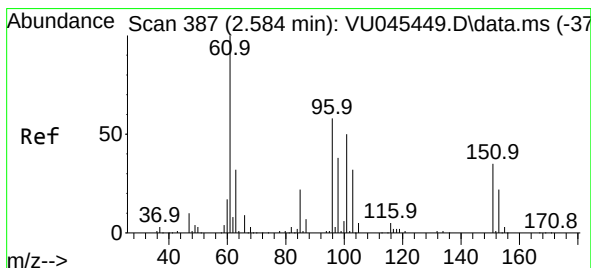
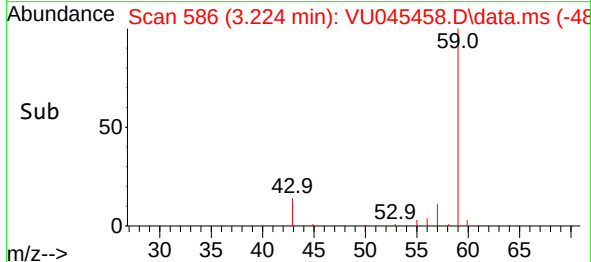
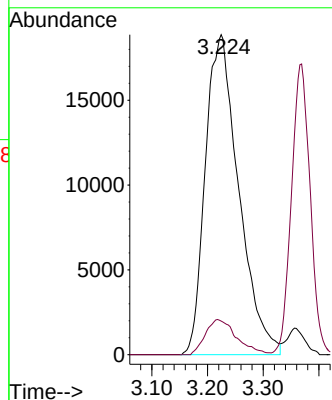
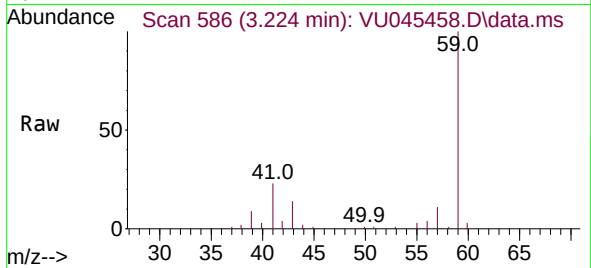




#11
Tert butyl alcohol
Concen: 116.785 ug/l
RT: 3.224 min Scan# 586
Delta R.T. 0.013 min
Lab File: VU045458.D
Acq: 29 Oct 2021 13:03

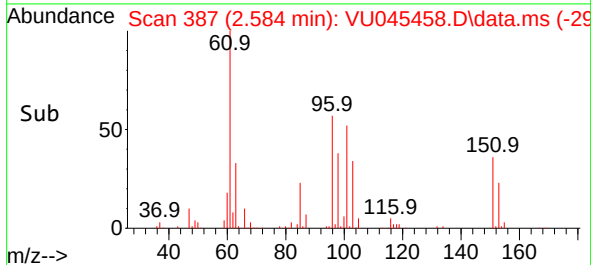
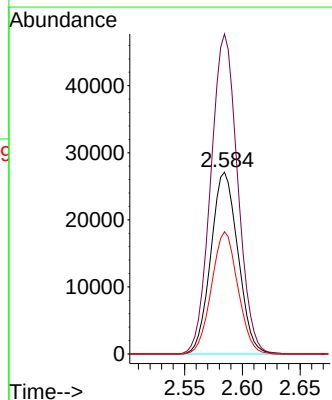
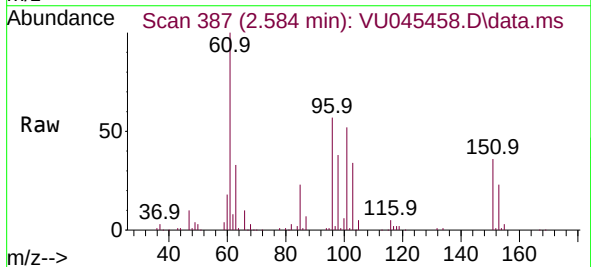
Instrument :
MSVOA_U
ClientSampleId :
VU1029MBS01

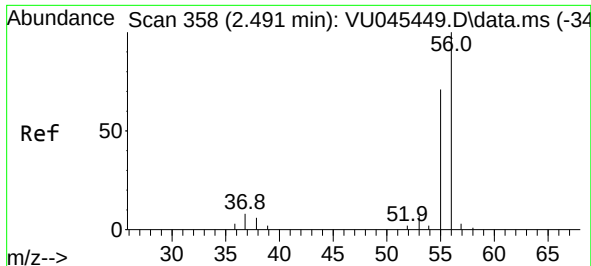
Tgt Ion: 59 Resp: 78471
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5



#12
1,1-Dichloroethene
Concen: 20.241 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU045458.D
Acq: 29 Oct 2021 13:03

Tgt Ion: 96 Resp: 44217
Ion Ratio Lower Upper
96 100
61 176.0 137.1 205.7
98 67.3 51.5 77.3





#13

Acrolein

Concen: 94.882 ug/l

RT: 2.494 min Scan# 358

Delta R.T. 0.003 min

Lab File: VU045458.D

Acq: 29 Oct 2021 13:03

Instrument :

MSVOA_U

ClientSampleId :

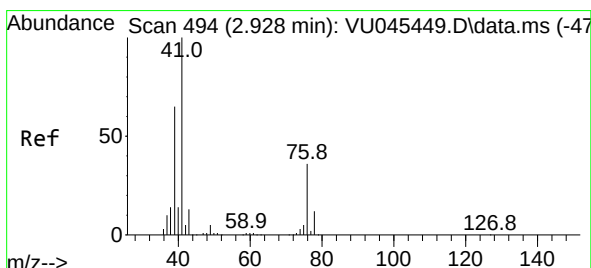
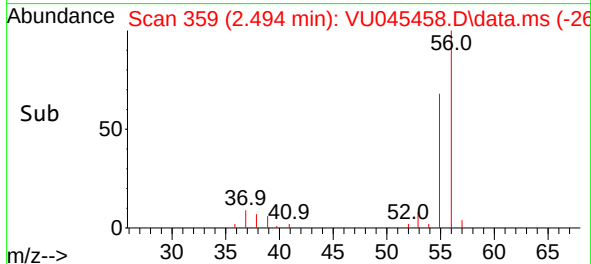
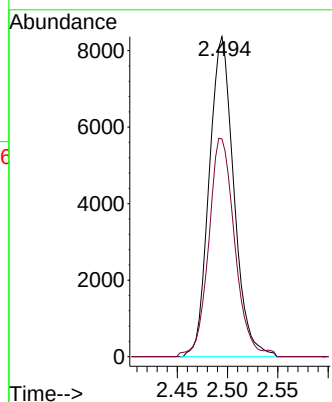
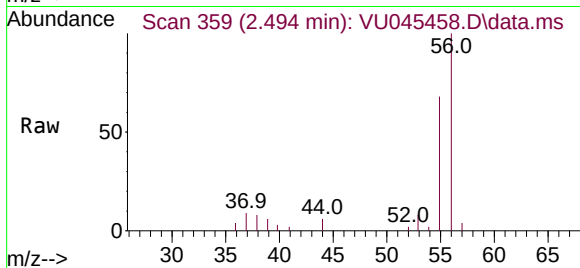
VU1029MBS01

Tgt Ion: 56 Resp: 14269

Ion Ratio Lower Upper

56 100

55 71.4 56.3 84.5



#14

Allyl chloride

Concen: 21.356 ug/l

RT: 2.928 min Scan# 494

Delta R.T. 0.000 min

Lab File: VU045458.D

Acq: 29 Oct 2021 13:03

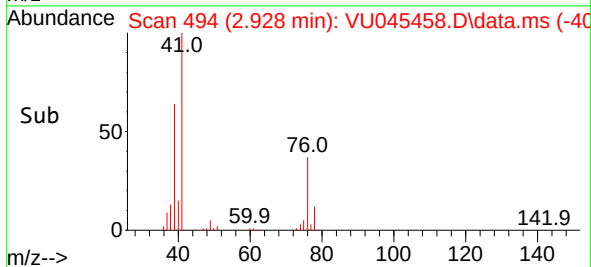
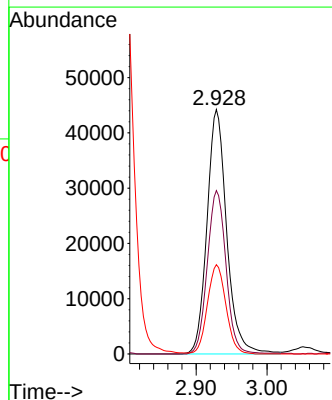
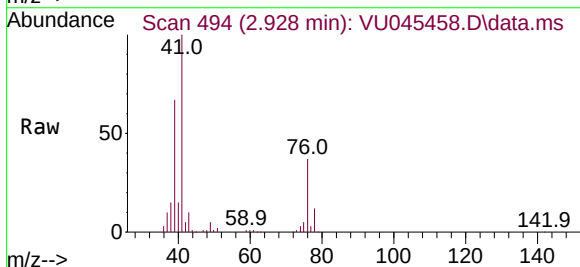
Tgt Ion: 41 Resp: 85663

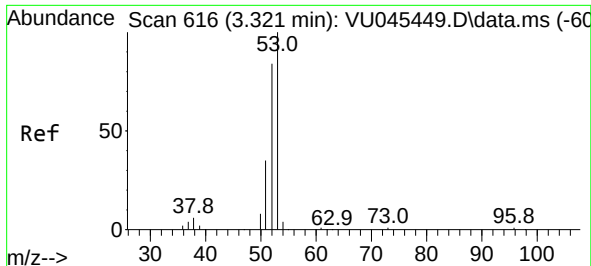
Ion Ratio Lower Upper

41 100

39 63.4 49.7 74.5

76 34.2 27.7 41.5

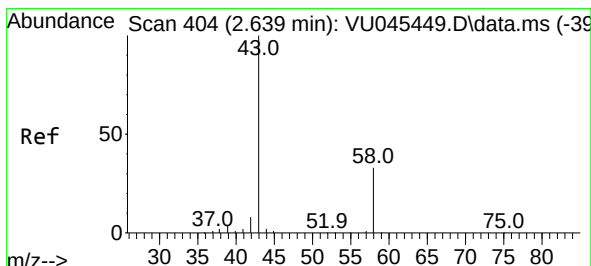
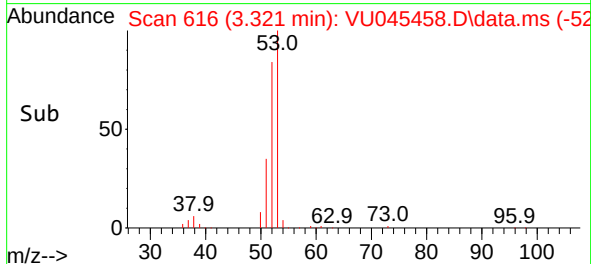
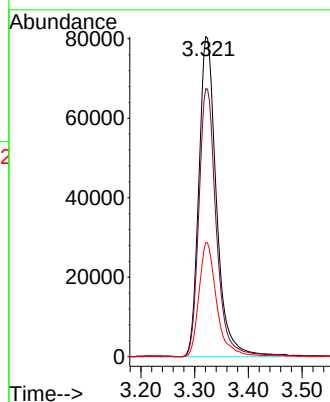
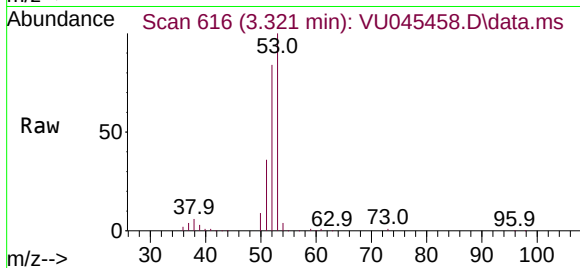




#15
Acrylonitrile
Concen: 112.352 ug/l
RT: 3.321 min Scan# 616
Delta R.T. 0.000 min
Lab File: VU045458.D
Acq: 29 Oct 2021 13:03

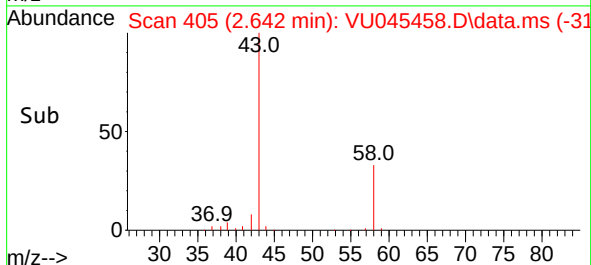
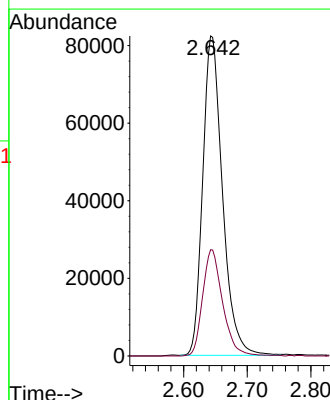
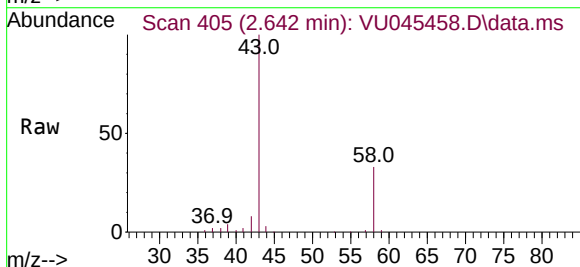
Instrument :
MSVOA_U
ClientSampleId :
VU1029MBS01

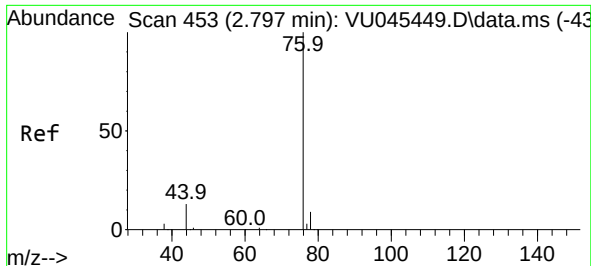
Tgt Ion: 53 Resp: 183030
Ion Ratio Lower Upper
53 100
52 82.7 66.6 100.0
51 35.9 28.4 42.6



#16
Acetone
Concen: 125.550 ug/l
RT: 2.642 min Scan# 405
Delta R.T. 0.003 min
Lab File: VU045458.D
Acq: 29 Oct 2021 13:03

Tgt Ion: 43 Resp: 177429
Ion Ratio Lower Upper
43 100
58 33.3 26.2 39.2

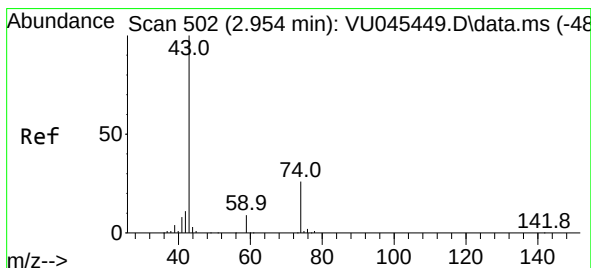
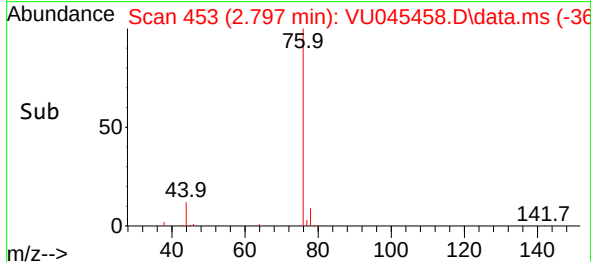
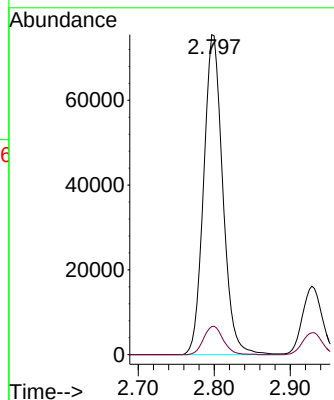
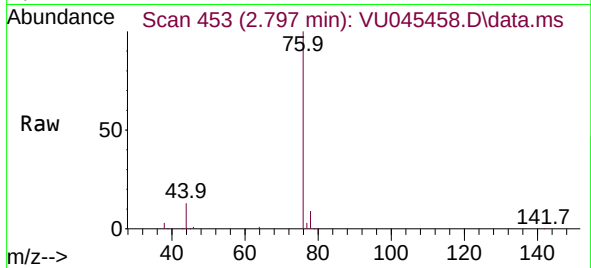




#17
Carbon Disulfide
Concen: 20.709 ug/l
RT: 2.797 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU045458.D
Acq: 29 Oct 2021 13:03

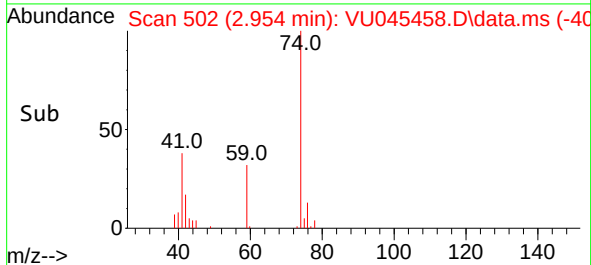
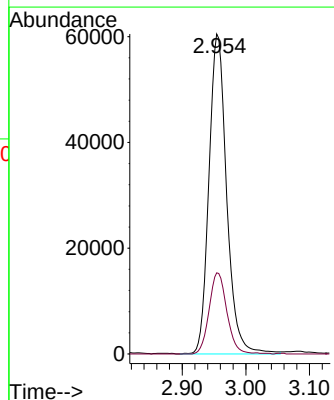
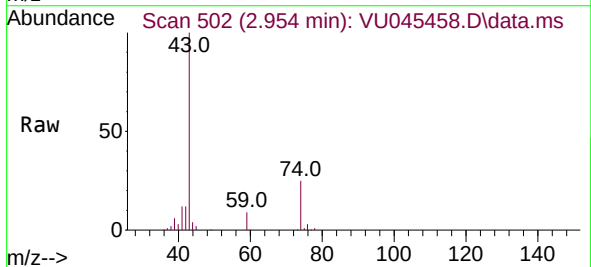
Instrument :
MSVOA_U
ClientSampleId :
VU1029MBS01

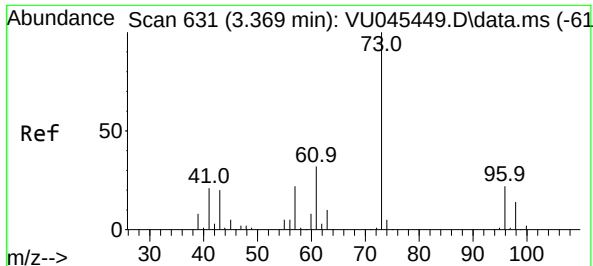
Tgt Ion: 76 Resp: 131654
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 22.242 ug/l
RT: 2.954 min Scan# 502
Delta R.T. 0.000 min
Lab File: VU045458.D
Acq: 29 Oct 2021 13:03

Tgt Ion: 43 Resp: 117051
Ion Ratio Lower Upper
43 100
74 25.5 20.2 30.2

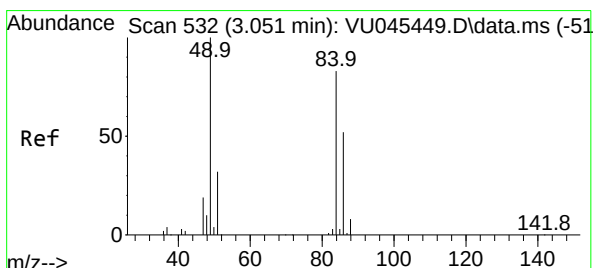
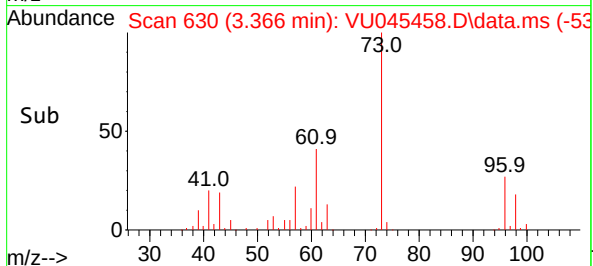
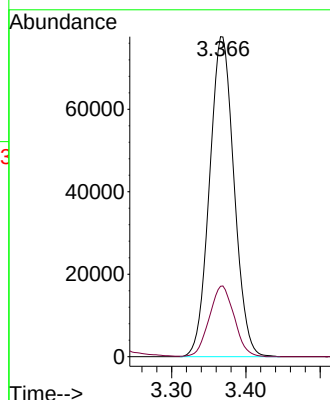
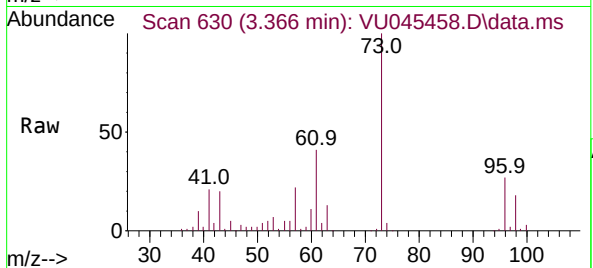




#19
Methyl tert-butyl Ether
Concen: 22.148 ug/l
RT: 3.366 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU045458.D
Acq: 29 Oct 2021 13:03

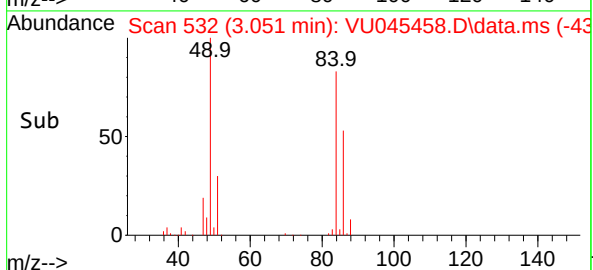
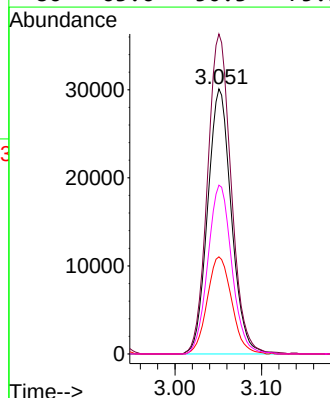
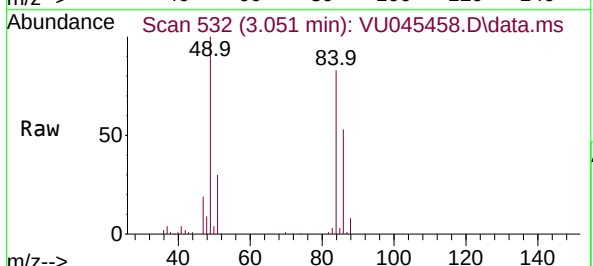
Instrument :
MSVOA_U
ClientSampleId :
VU1029MBS01

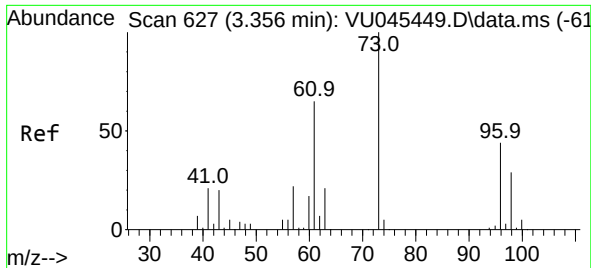
Tgt Ion: 73 Resp: 178010
Ion Ratio Lower Upper
73 100
57 22.0 18.1 27.1



#20
Methylene Chloride
Concen: 20.315 ug/l
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU045458.D
Acq: 29 Oct 2021 13:03

Tgt Ion: 84 Resp: 57209
Ion Ratio Lower Upper
84 100
49 120.7 96.4 144.6
51 36.6 30.5 45.7
86 63.6 50.3 75.5

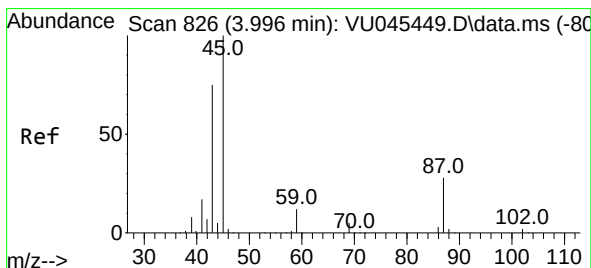
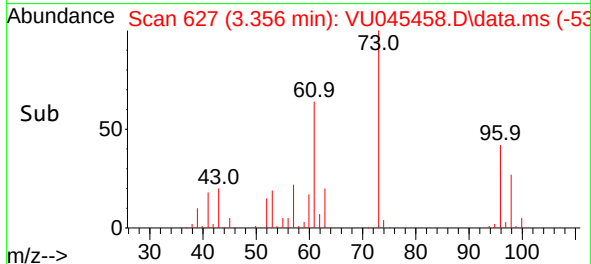
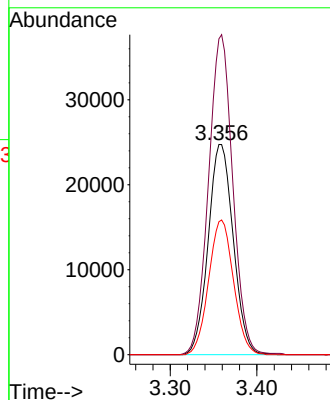
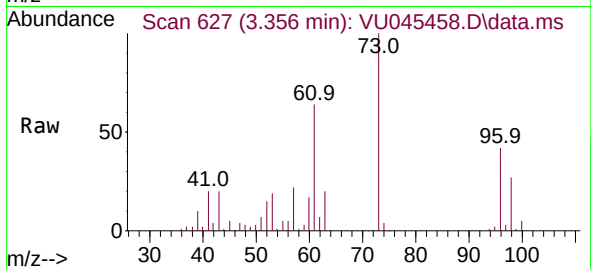




#21
trans-1,2-Dichloroethene
Concen: 21.145 ug/l
RT: 3.356 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU045458.D
Acq: 29 Oct 2021 13:03

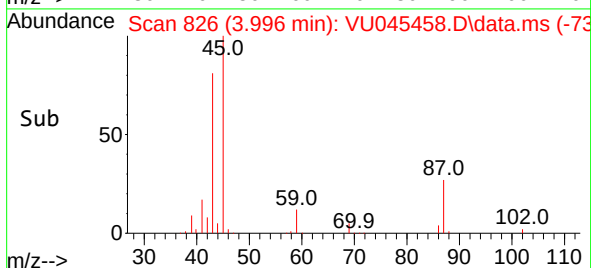
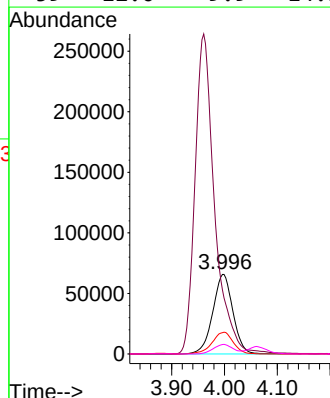
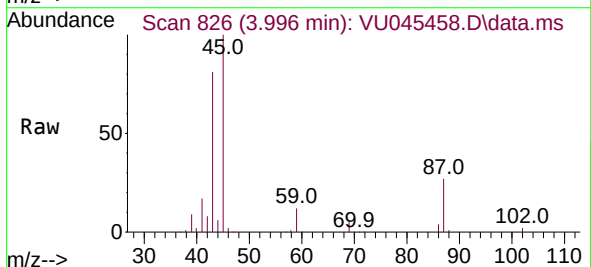
Instrument :
MSVOA_U
ClientSampleId :
VU1029MBS01

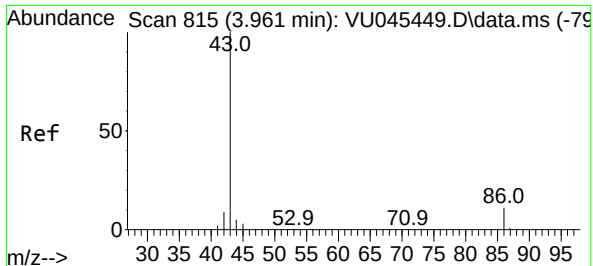
Tgt Ion: 96 Resp: 49776
Ion Ratio Lower Upper
96 100
61 150.2 118.2 177.4
98 63.2 52.1 78.1



#22
Diisopropyl ether
Concen: 22.165 ug/l
RT: 3.996 min Scan# 826
Delta R.T. 0.000 min
Lab File: VU045458.D
Acq: 29 Oct 2021 13:03

Tgt Ion: 45 Resp: 173865
Ion Ratio Lower Upper
45 100
43 79.2 60.0 90.0
87 26.8 22.3 33.5
59 12.0 9.9 14.9

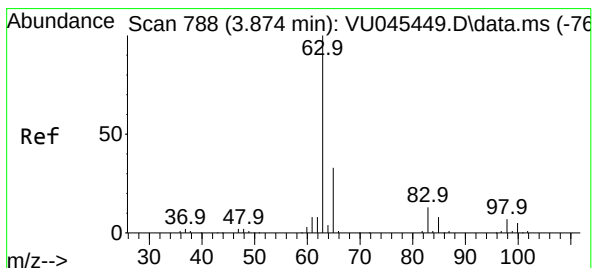
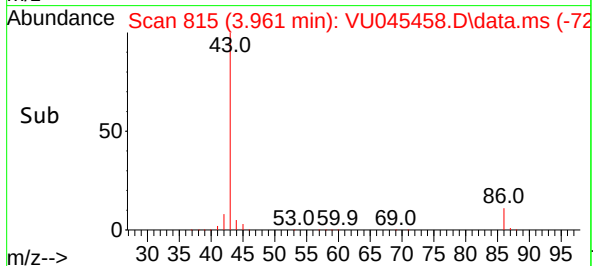
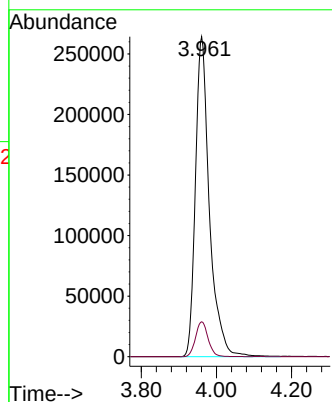
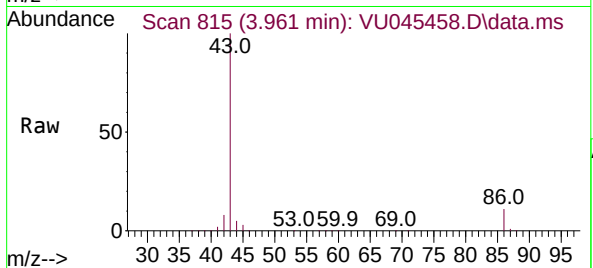




#23
 Vinyl Acetate
 Concen: 112.136 ug/l
 RT: 3.961 min Scan# 815
 Delta R.T. 0.000 min
 Lab File: VU045458.D
 Acq: 29 Oct 2021 13:03

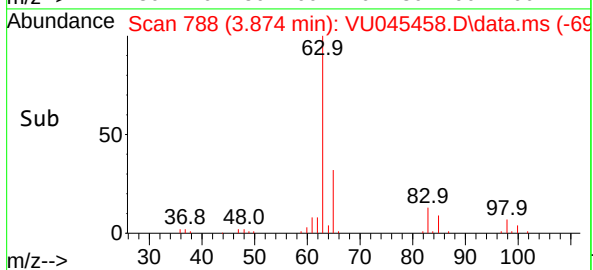
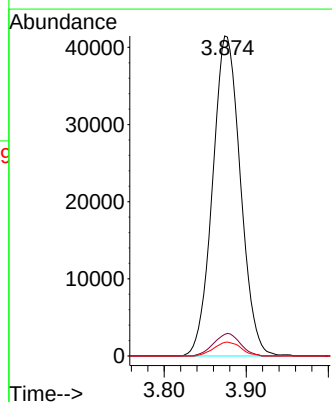
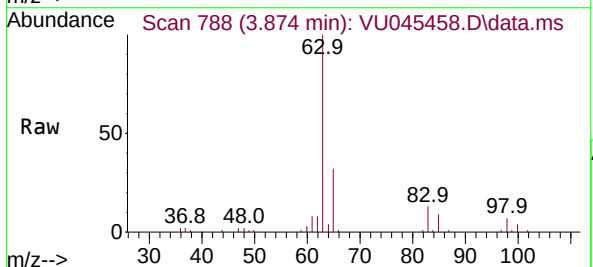
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1029MBS01

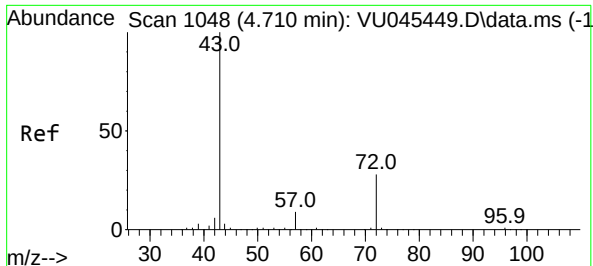
Tgt Ion: 43 Resp: 682303
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 21.310 ug/l
 RT: 3.874 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VU045458.D
 Acq: 29 Oct 2021 13:03

Tgt Ion: 63 Resp: 97952
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.6
 100 4.3 2.4 7.2





#25

2-Butanone

Concen: 119.656 ug/l

RT: 4.713 min Scan# 1049

Delta R.T. 0.003 min

Lab File: VU045458.D

Acq: 29 Oct 2021 13:03

Instrument :

MSVOA_U

ClientSampleId :

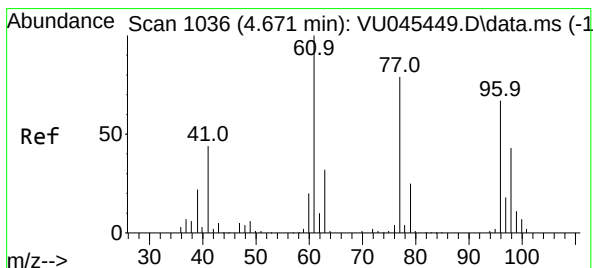
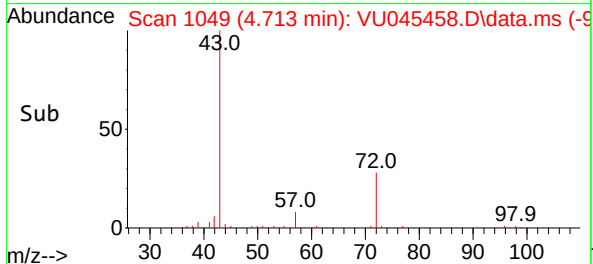
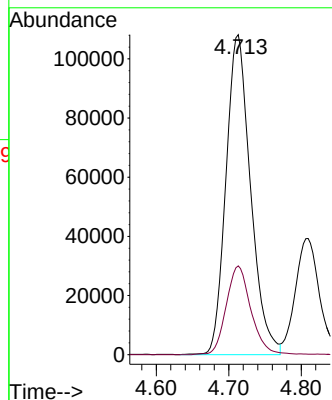
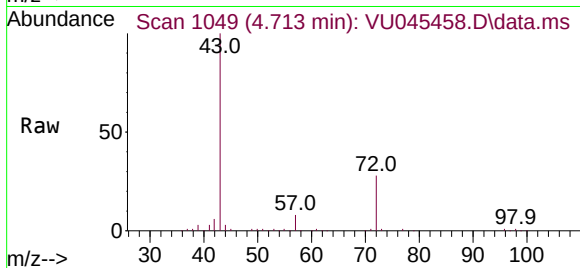
VU1029MBS01

Tgt Ion: 43 Resp: 255276

Ion Ratio Lower Upper

43 100

72 27.7 22.0 33.0



#26

2,2-Dichloropropane

Concen: 22.200 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU045458.D

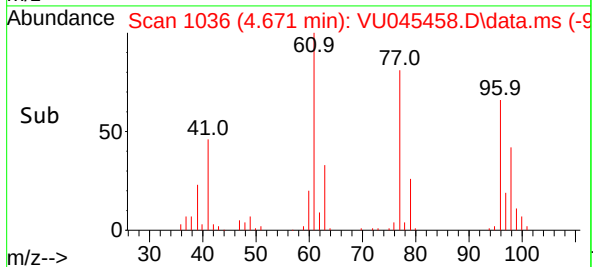
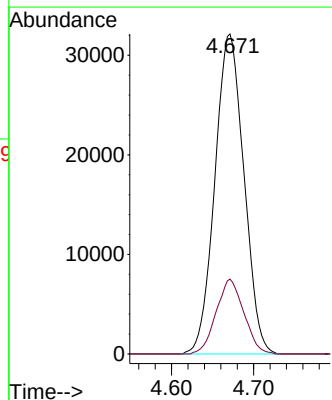
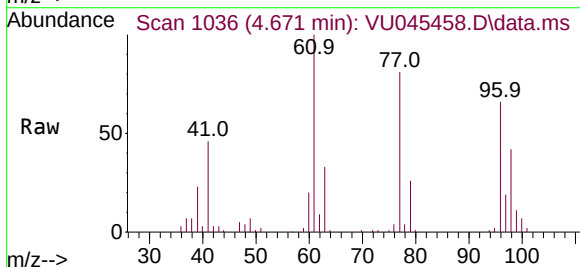
Acq: 29 Oct 2021 13:03

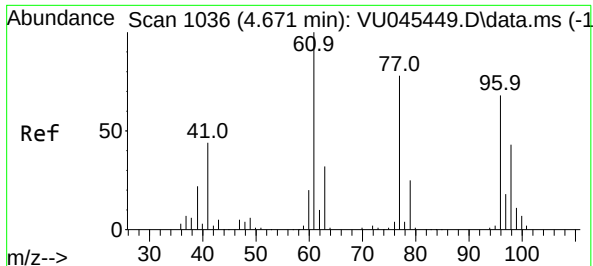
Tgt Ion: 77 Resp: 79053

Ion Ratio Lower Upper

77 100

97 22.3 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 21.643 ug/l

RT: 4.674 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VU045458.D

Acq: 29 Oct 2021 13:03

Instrument :

MSVOA_U

ClientSampleId :

VU1029MBS01

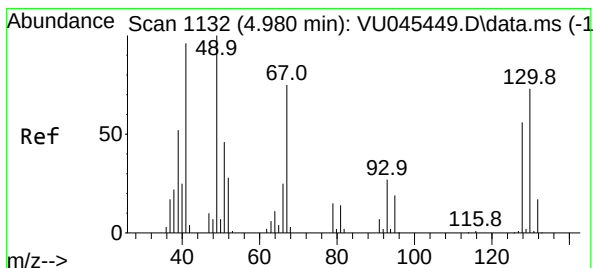
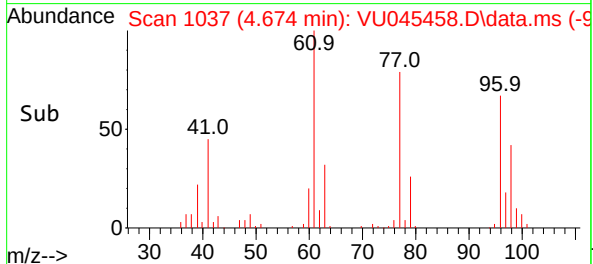
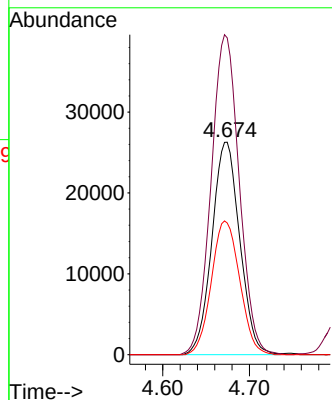
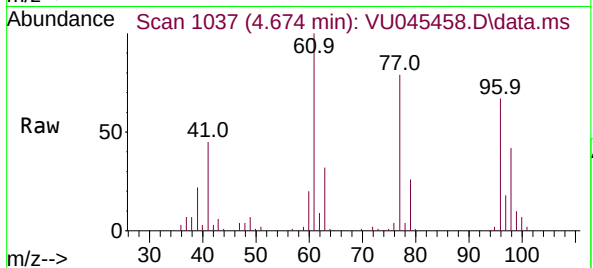
Tgt Ion: 96 Resp: 58628

Ion Ratio Lower Upper

96 100

61 152.1 0.0 299.2

98 64.1 0.0 127.6



#28

Bromochloromethane

Concen: 21.641 ug/l

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU045458.D

Acq: 29 Oct 2021 13:03

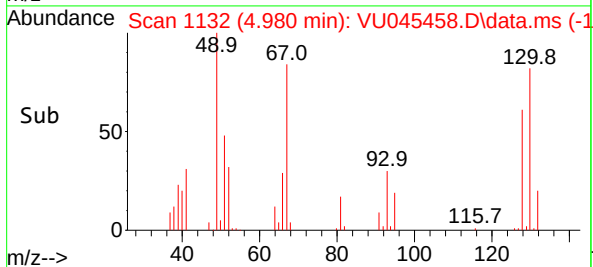
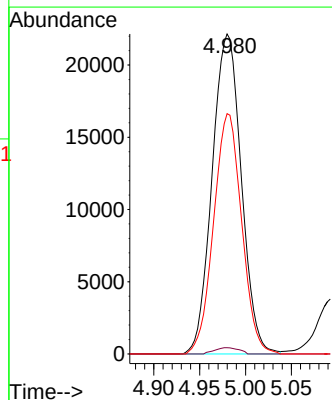
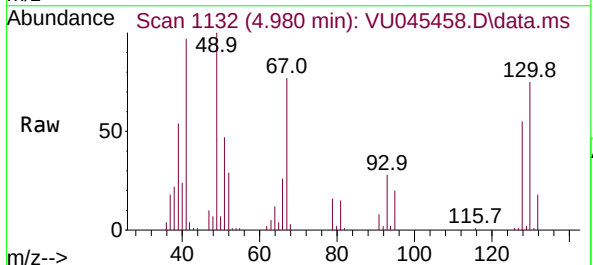
Tgt Ion: 49 Resp: 49067

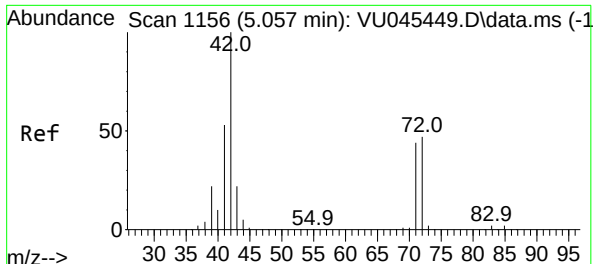
Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.4

130 72.2 57.5 86.3





#29

Tetrahydrofuran

Concen: 112.811 ug/l

RT: 5.060 min Scan# 1156

Delta R.T. 0.003 min

Lab File: VU045458.D

Acq: 29 Oct 2021 13:03

Instrument :

MSVOA_U

ClientSampleId :

VU1029MBS01

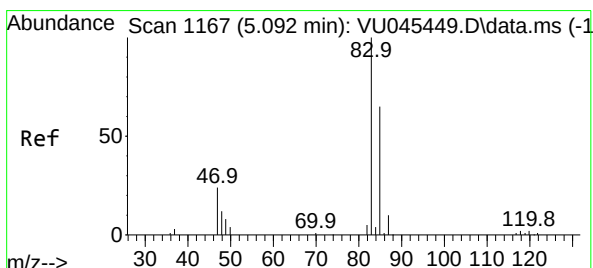
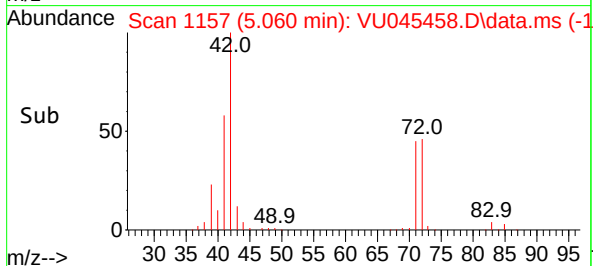
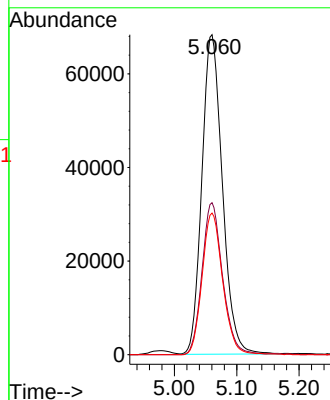
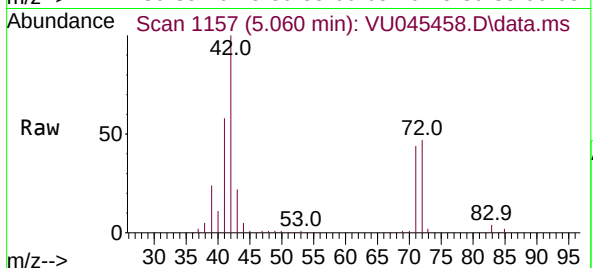
Tgt Ion: 42 Resp: 156081

Ion Ratio Lower Upper

42 100

72 47.7 38.2 57.4

71 44.5 35.4 53.2



#30

Chloroform

Concen: 21.517 ug/l

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU045458.D

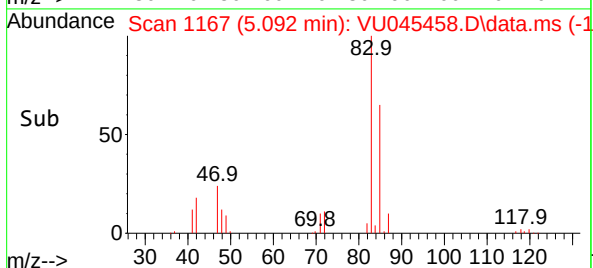
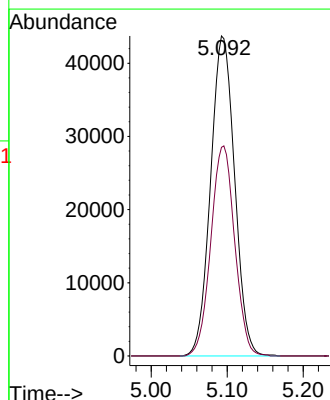
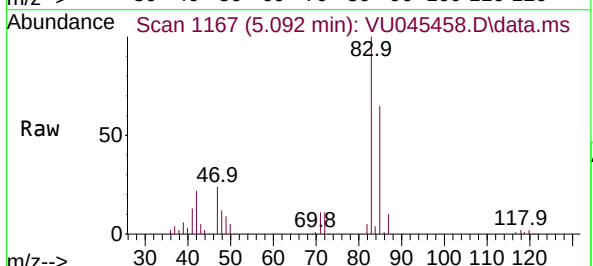
Acq: 29 Oct 2021 13:03

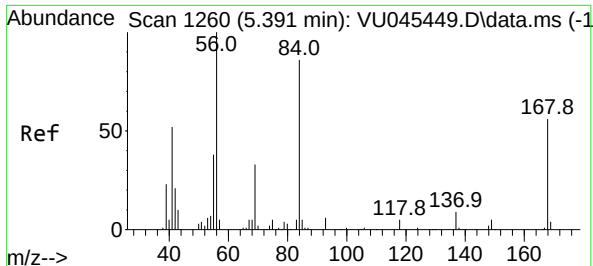
Tgt Ion: 83 Resp: 95902

Ion Ratio Lower Upper

83 100

85 65.2 52.0 78.0

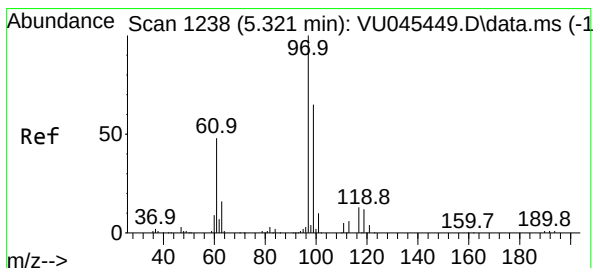
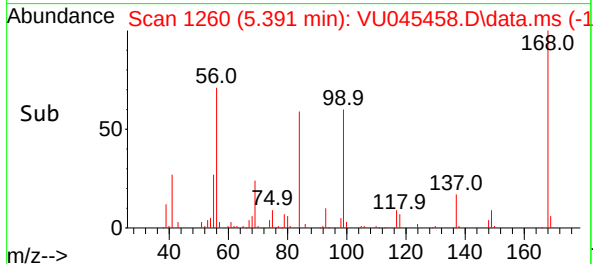
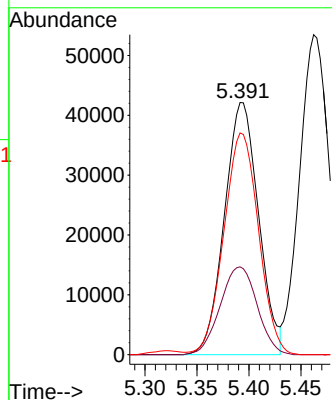
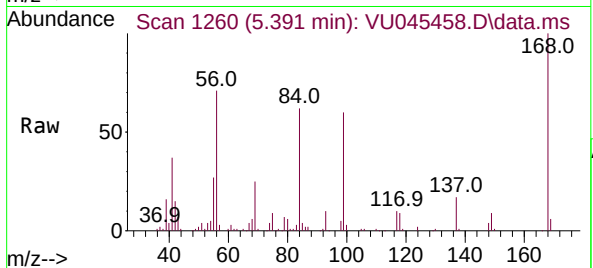




#31
Cyclohexane
Concen: 20.815 ug/l
RT: 5.391 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VU045458.D
Acq: 29 Oct 2021 13:03

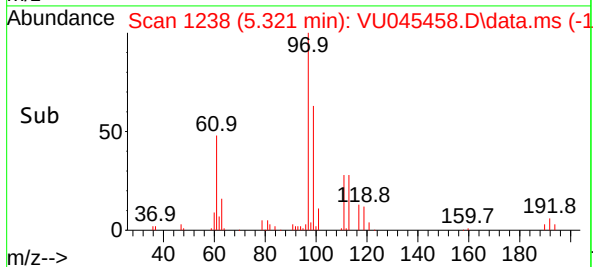
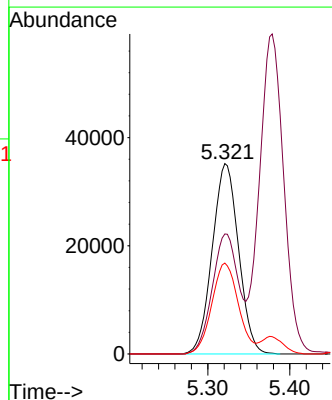
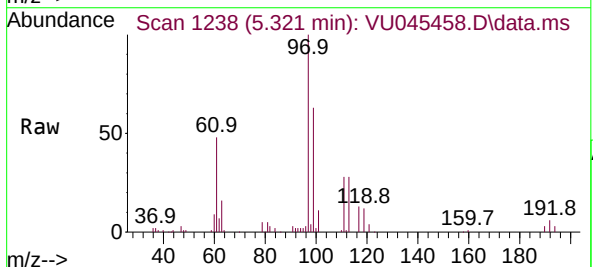
Instrument :
MSVOA_U
ClientSampleId :
VU1029MBS01

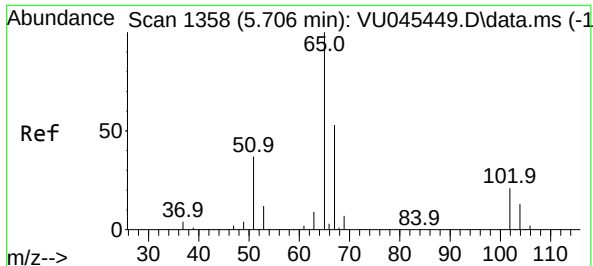
Tgt Ion: 56 Resp: 96469
Ion Ratio Lower Upper
56 100
69 34.9 26.4 39.6
84 86.8 68.4 102.6



#32
1,1,1-Trichloroethane
Concen: 21.457 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU045458.D
Acq: 29 Oct 2021 13:03

Tgt Ion: 97 Resp: 78485
Ion Ratio Lower Upper
97 100
99 63.1 50.8 76.2
61 48.5 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 51.980 ug/l

RT: 5.707 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045458.D

Acq: 29 Oct 2021 13:03

Instrument :

MSVOA_U

ClientSampleId :

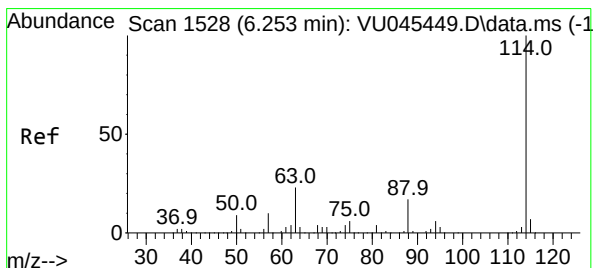
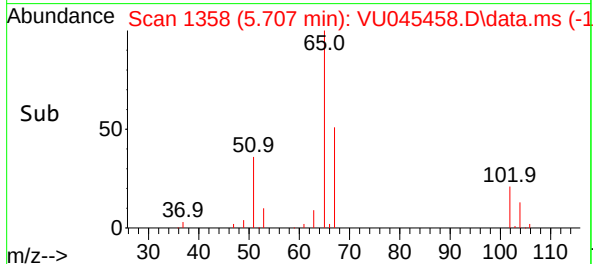
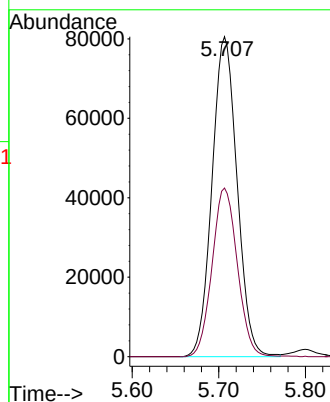
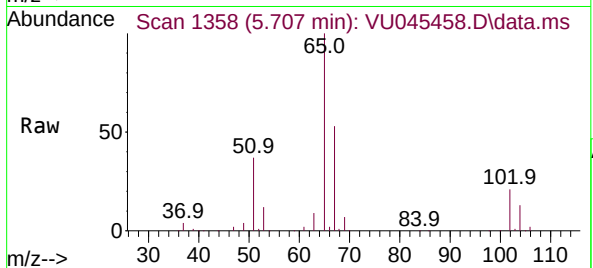
VU1029MBS01

Tgt Ion: 65 Resp: 161807

Ion Ratio Lower Upper

65 100

67 53.1 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU045458.D

Acq: 29 Oct 2021 13:03

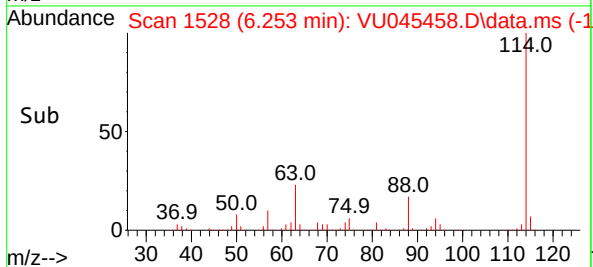
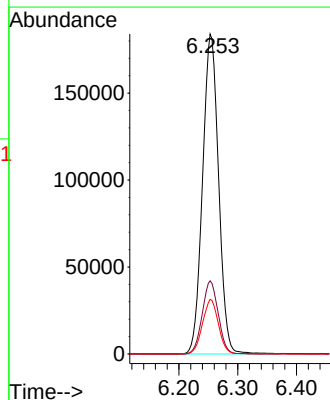
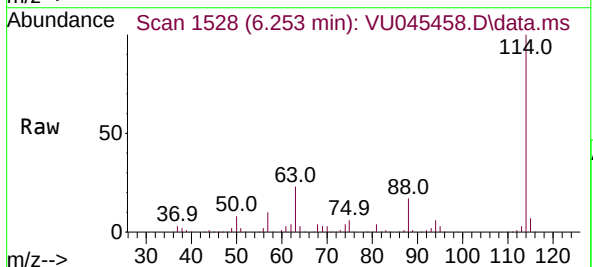
Tgt Ion: 114 Resp: 347975

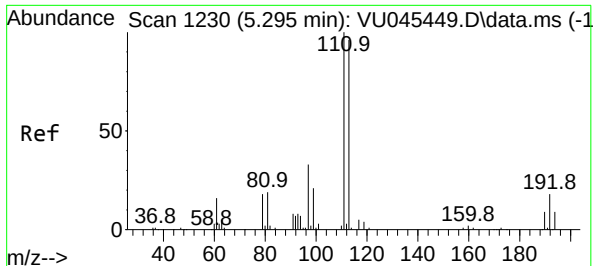
Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.6

88 17.0 0.0 33.8





#35

Dibromofluoromethane

Concen: 52.384 ug/l

RT: 5.295 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045458.D

Acq: 29 Oct 2021 13:03

Instrument :

MSVOA_U

ClientSampleId :

VU1029MBS01

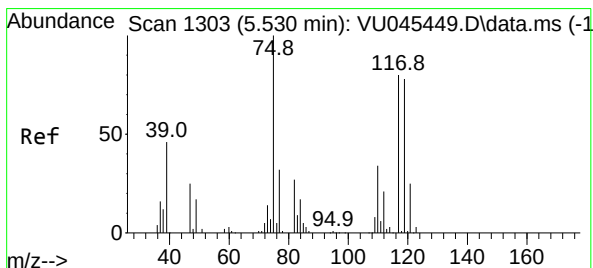
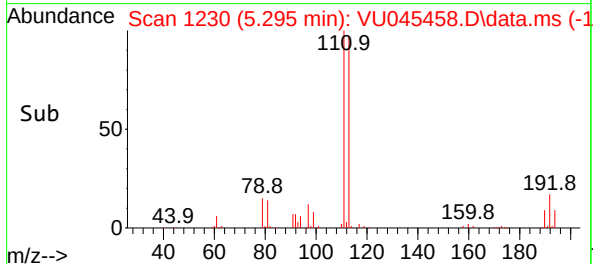
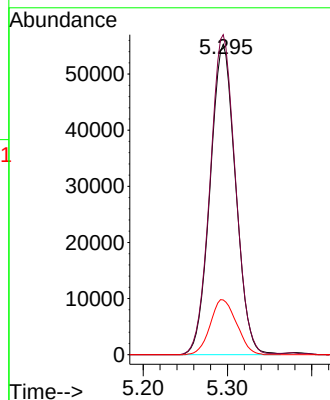
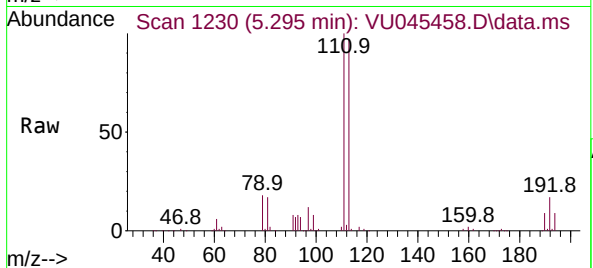
Tgt Ion:113 Resp: 115905

Ion Ratio Lower Upper

113 100

111 102.9 82.8 124.2

192 18.3 14.8 22.2



#36

1,1-Dichloropropene

Concen: 21.843 ug/l

RT: 5.533 min Scan# 1304

Delta R.T. 0.003 min

Lab File: VU045458.D

Acq: 29 Oct 2021 13:03

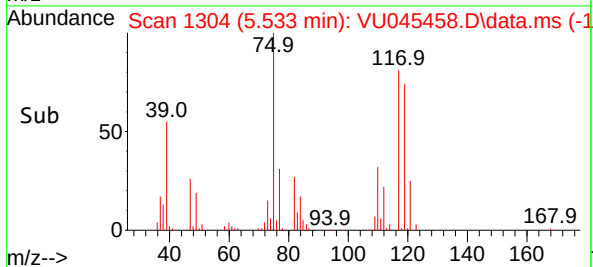
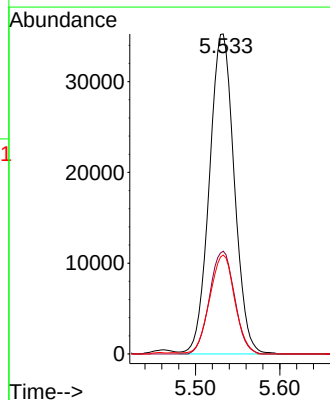
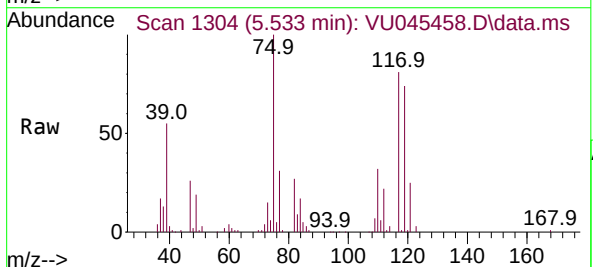
Tgt Ion: 75 Resp: 72353

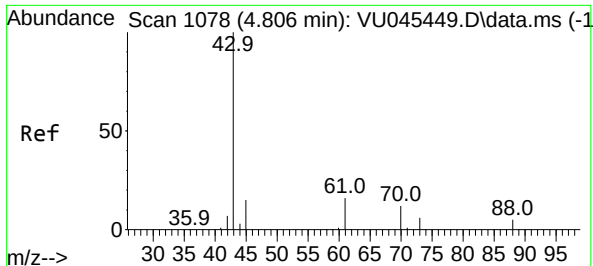
Ion Ratio Lower Upper

75 100

110 32.1 16.7 50.0

77 31.2 25.0 37.4





#37

Ethyl Acetate

Concen: 22.808 ug/l

RT: 4.809 min Scan# 1078

Delta R.T. 0.003 min

Lab File: VU045458.D

Acq: 29 Oct 2021 13:03

Instrument :

MSVOA_U

ClientSampleId :

VU1029MBS01

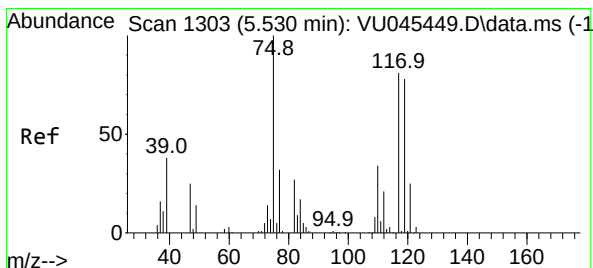
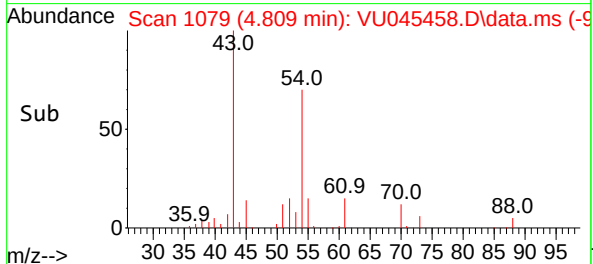
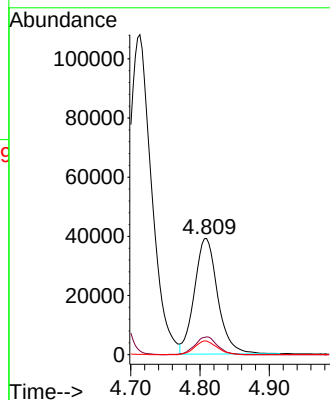
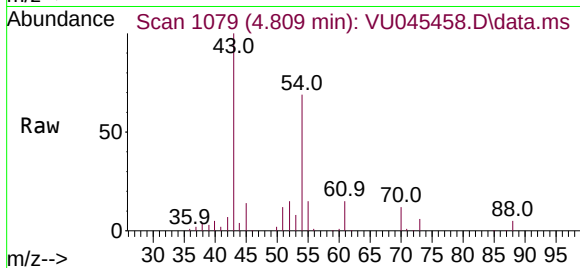
Tgt Ion: 43 Resp: 91496

Ion Ratio Lower Upper

43 100

61 15.0 11.6 17.4

70 11.4 9.1 13.7



#38

Carbon Tetrachloride

Concen: 21.683 ug/l

RT: 5.530 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VU045458.D

Acq: 29 Oct 2021 13:03

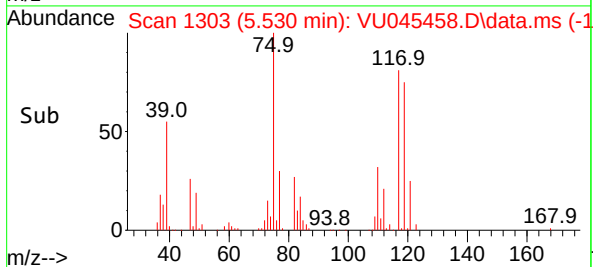
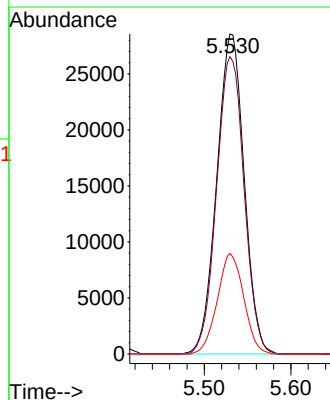
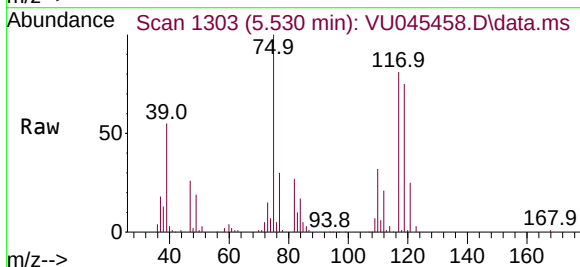
Tgt Ion: 117 Resp: 62640

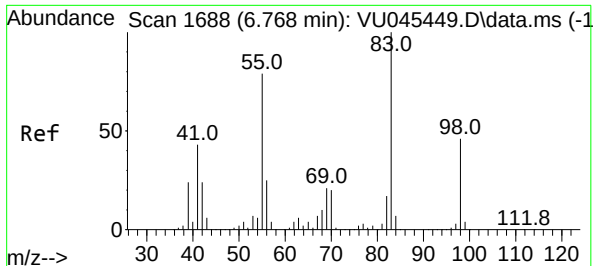
Ion Ratio Lower Upper

117 100

119 92.9 77.4 116.0

121 31.4 24.8 37.2





#39

Methylcyclohexane

Concen: 21.735 ug/l

RT: 6.768 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045458.D

Acq: 29 Oct 2021 13:03

Instrument :

MSVOA_U

ClientSampleId :

VU1029MBS01

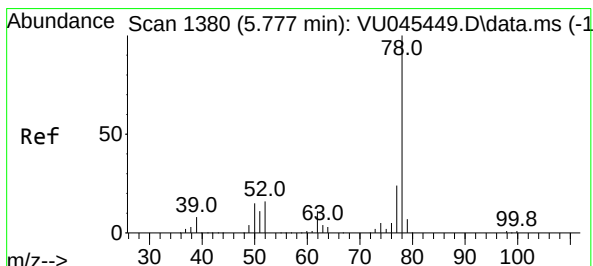
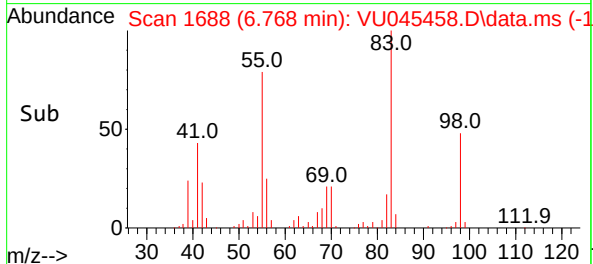
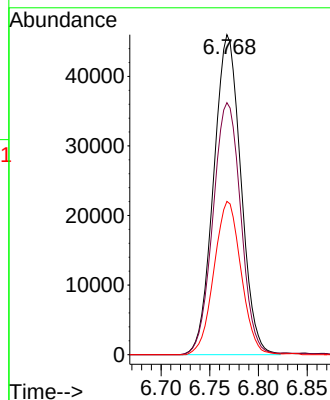
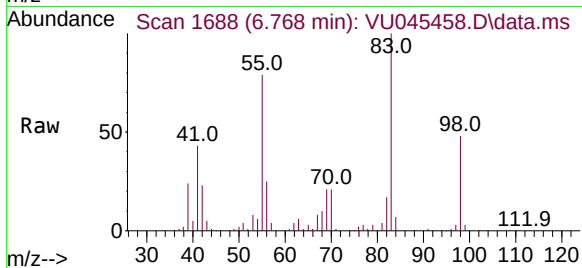
Tgt Ion: 83 Resp: 89530

Ion Ratio Lower Upper

83 100

55 78.8 63.6 95.4

98 47.9 37.1 55.7



#40

Benzene

Concen: 21.632 ug/l

RT: 5.780 min Scan# 1381

Delta R.T. 0.003 min

Lab File: VU045458.D

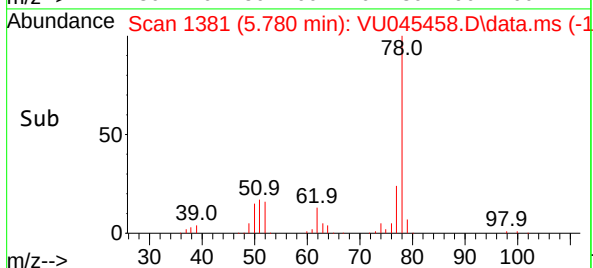
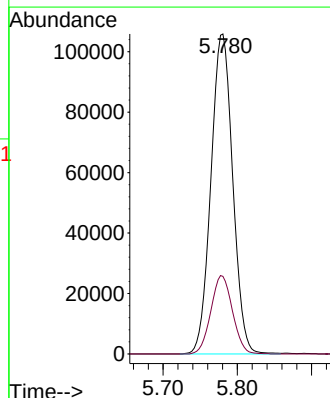
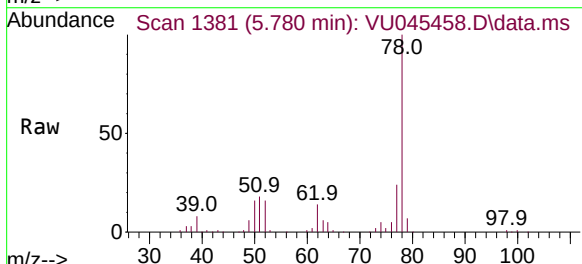
Acq: 29 Oct 2021 13:03

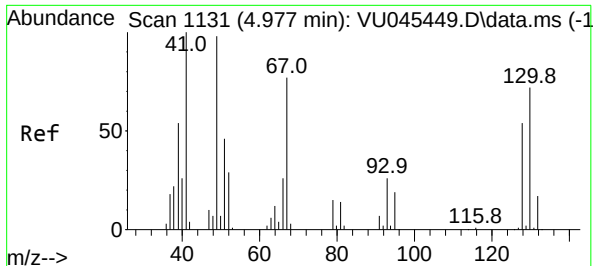
Tgt Ion: 78 Resp: 215698

Ion Ratio Lower Upper

78 100

77 24.3 19.0 28.4

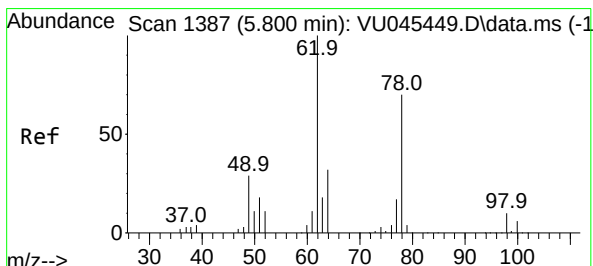
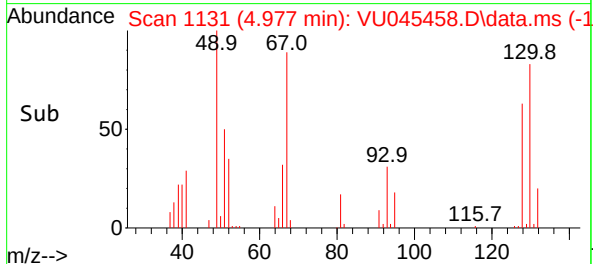
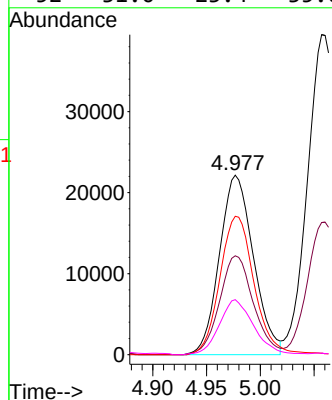
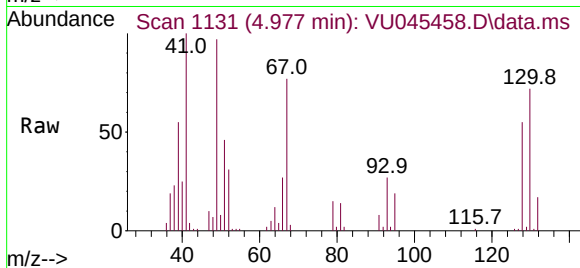




#41
Methacrylonitrile
Concen: 22.981 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VU045458.D
Acq: 29 Oct 2021 13:03

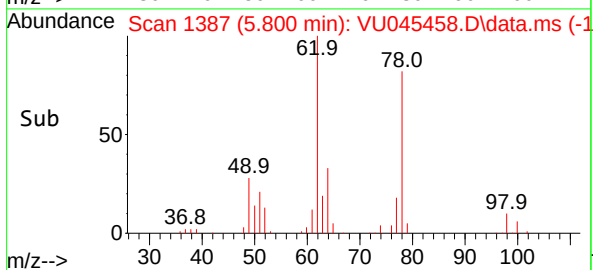
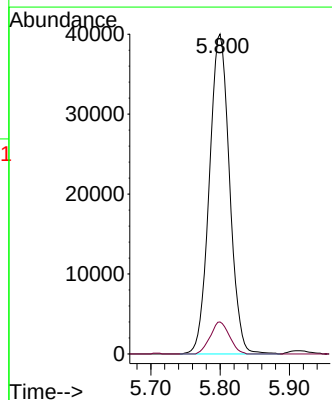
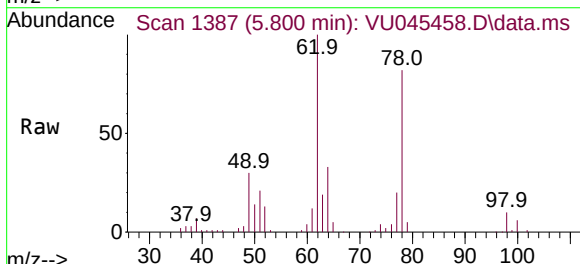
Instrument :
MSVOA_U
ClientSampleId :
VU1029MBS01

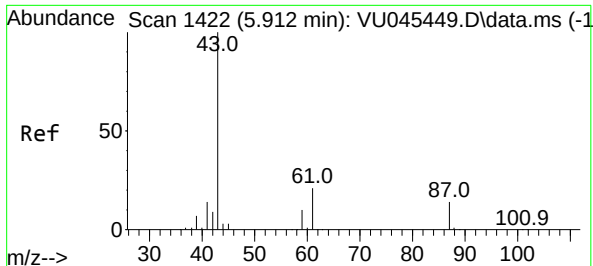
Tgt Ion: 41	Resp: 48790
Ion Ratio	Lower Upper
41 100	
39 54.7	43.4 65.0
67 77.9	61.0 91.4
52 31.0	23.4 35.0



#42
1,2-Dichloroethane
Concen: 22.093 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VU045458.D
Acq: 29 Oct 2021 13:03

Tgt Ion: 62	Resp: 80907
Ion Ratio	Lower Upper
62 100	
98 9.6	0.0 18.4

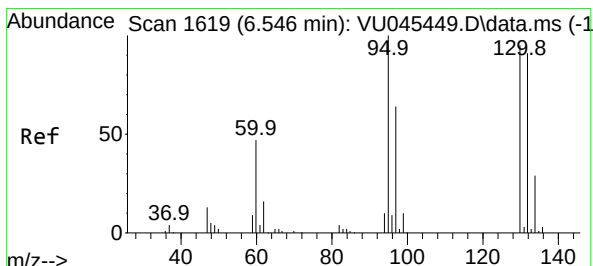
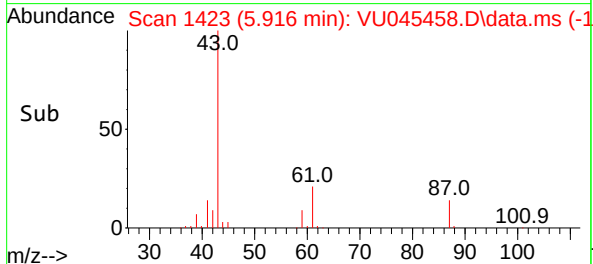
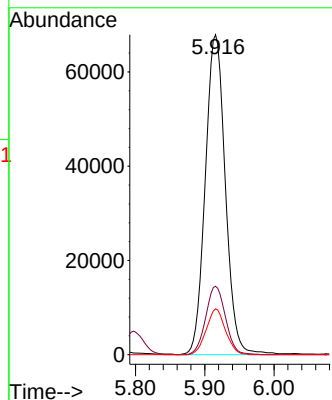
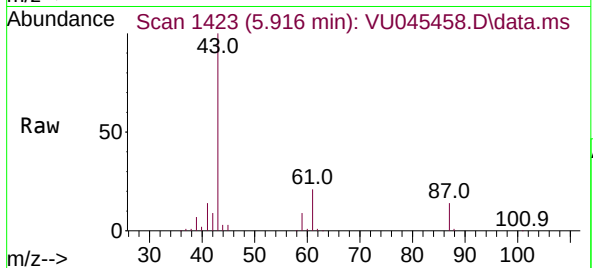




#43
Isopropyl Acetate
Concen: 22.564 ug/l
RT: 5.916 min Scan# 1422
Delta R.T. 0.003 min
Lab File: VU045458.D
Acq: 29 Oct 2021 13:03

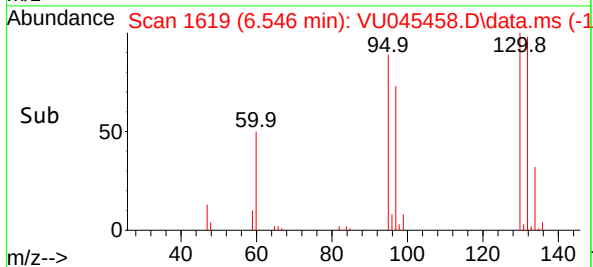
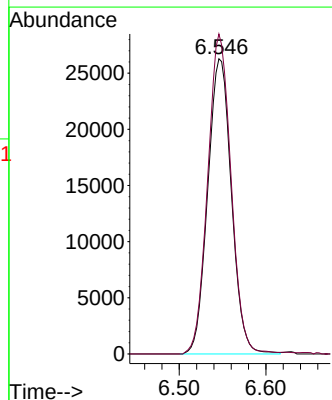
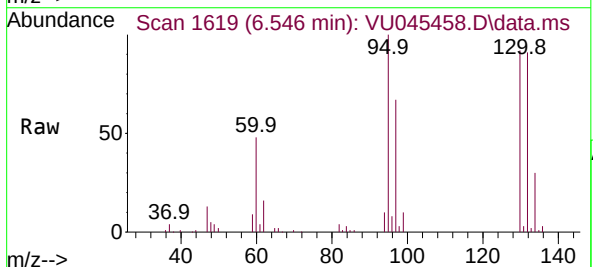
Instrument :
MSVOA_U
ClientSampleId :
VU1029MBS01

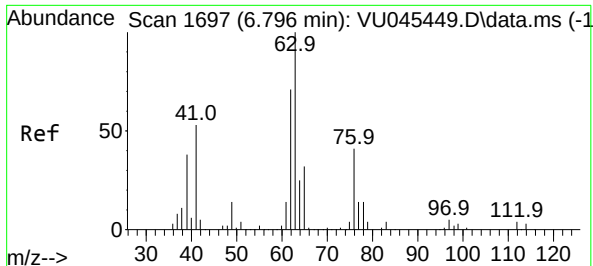
Tgt Ion: 43 Resp: 136413
Ion Ratio Lower Upper
43 100
61 21.1 16.9 25.3
87 13.7 11.0 16.4



#44
Trichloroethene
Concen: 21.617 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045458.D
Acq: 29 Oct 2021 13:03

Tgt Ion:130 Resp: 49957
Ion Ratio Lower Upper
130 100
95 108.4 0.0 211.4





#45

1,2-Dichloropropane

Concen: 21.948 ug/l

RT: 6.797 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045458.D

Acq: 29 Oct 2021 13:03

Instrument :

MSVOA_U

ClientSampleId :

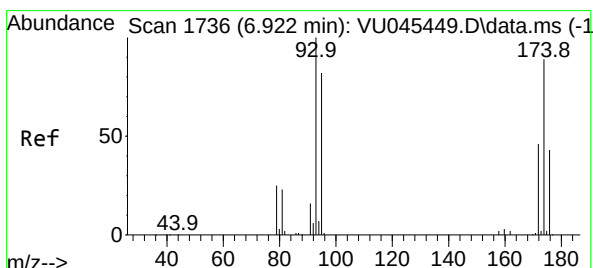
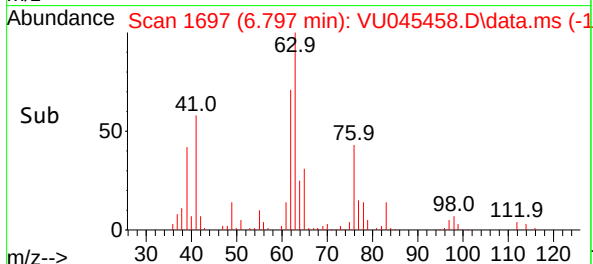
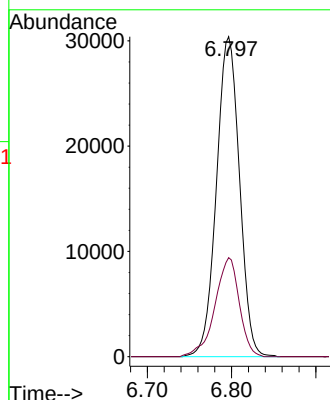
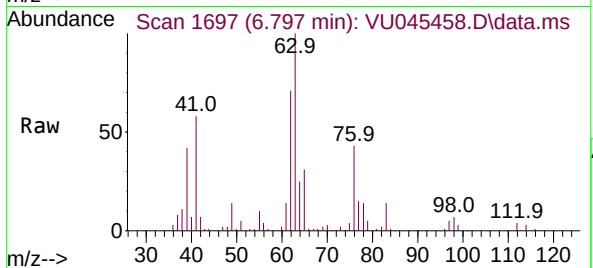
VU1029MBS01

Tgt Ion: 63 Resp: 57594

Ion Ratio Lower Upper

63 100

65 30.9 25.7 38.5



#46

Dibromomethane

Concen: 22.767 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. 0.000 min

Lab File: VU045458.D

Acq: 29 Oct 2021 13:03

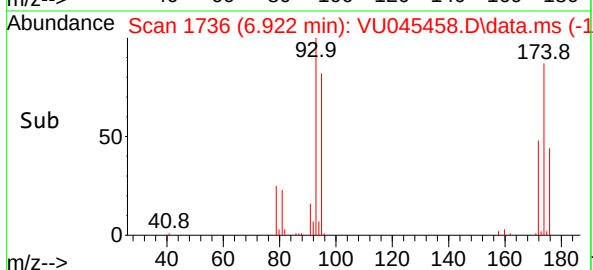
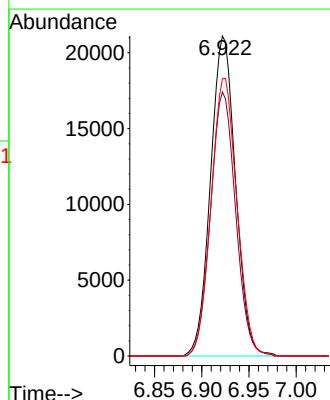
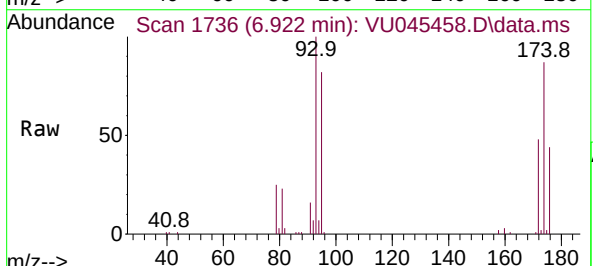
Tgt Ion: 93 Resp: 38901

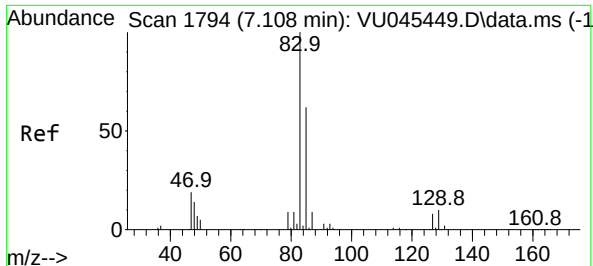
Ion Ratio Lower Upper

93 100

95 82.6 66.2 99.2

174 89.2 71.0 106.6





#47

Bromodichloromethane

Concen: 22.017 ug/l

RT: 7.112 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU045458.D

Acq: 29 Oct 2021 13:03

Instrument :

MSVOA_U

ClientSampleId :

VU1029MBS01

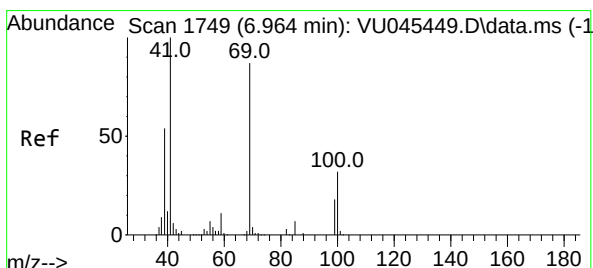
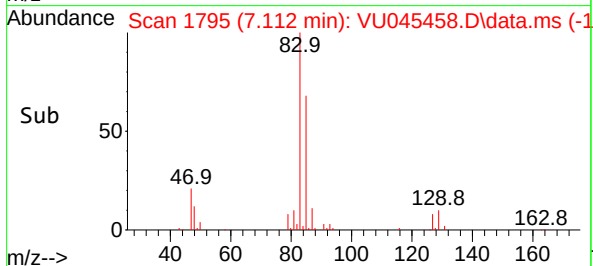
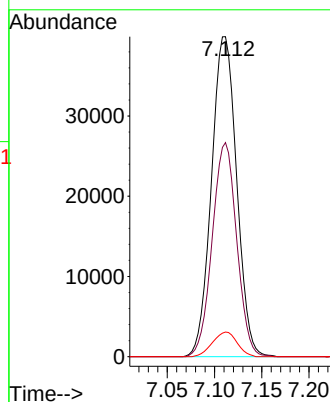
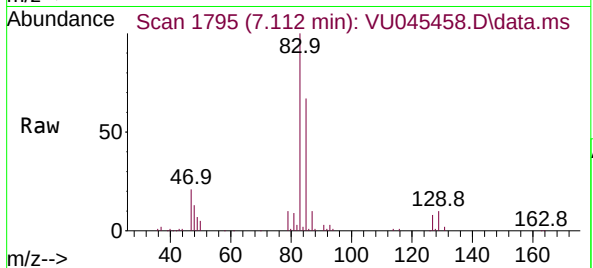
Tgt Ion: 83 Resp: 74036

Ion Ratio Lower Upper

83 100

85 66.9 49.8 74.6

127 7.7 6.2 9.2



#48

Methyl methacrylate

Concen: 22.352 ug/l

RT: 6.964 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VU045458.D

Acq: 29 Oct 2021 13:03

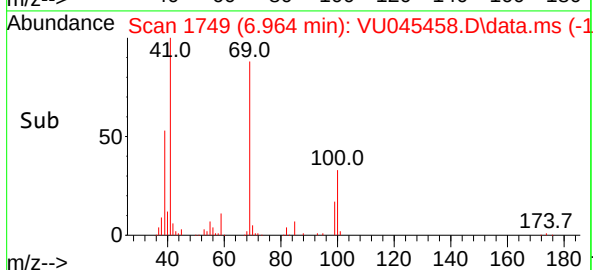
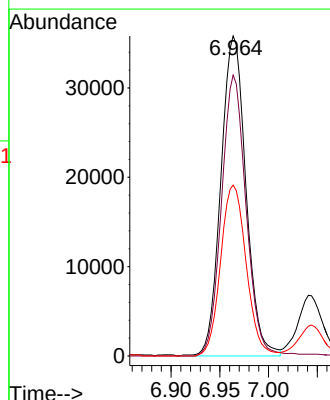
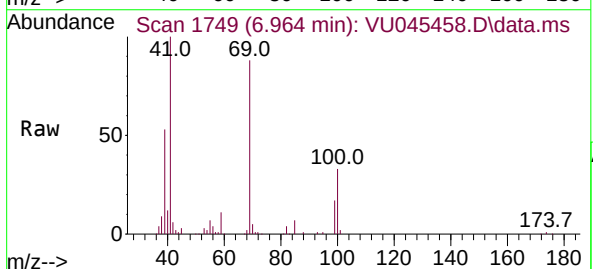
Tgt Ion: 41 Resp: 64051

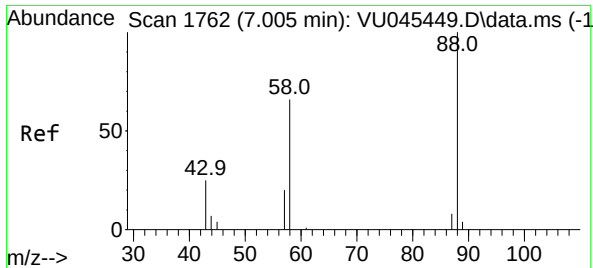
Ion Ratio Lower Upper

41 100

69 86.1 70.2 105.2

39 54.4 43.9 65.9

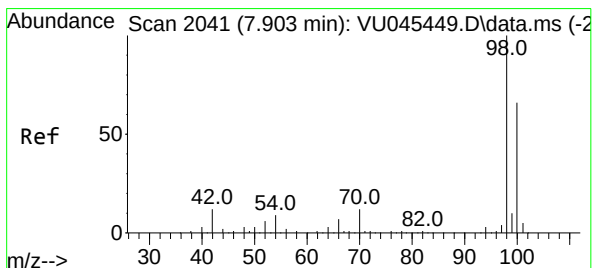
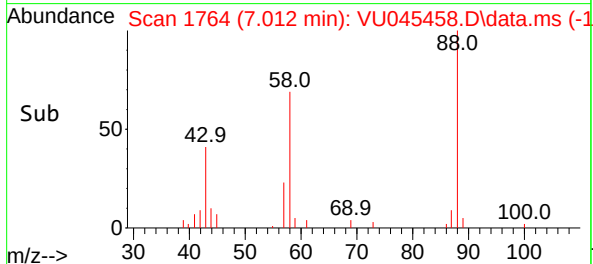
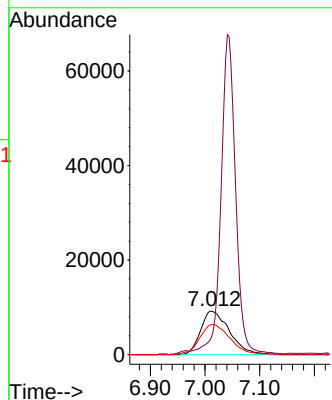
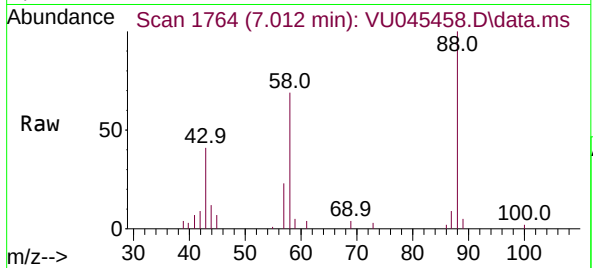




#49
1,4-Dioxane
Concen: 465.055 ug/l
RT: 7.012 min Scan# 1764
Delta R.T. 0.006 min
Lab File: VU045458.D
Acq: 29 Oct 2021 13:03

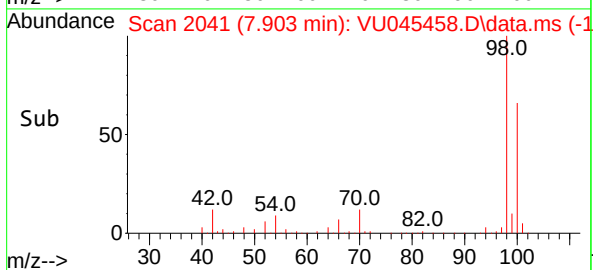
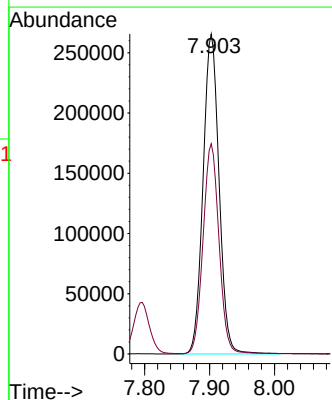
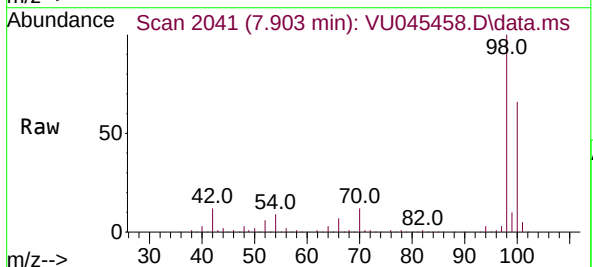
Instrument :
MSVOA_U
ClientSampleId :
VU1029MBS01

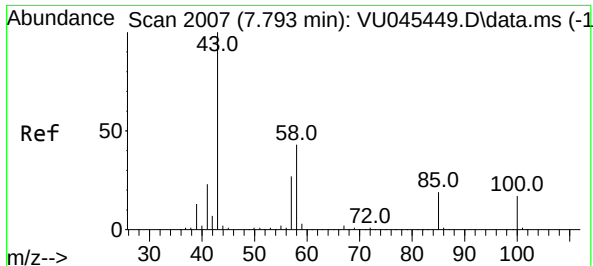
Tgt Ion: 88 Resp: 33868
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 72.8 58.7 88.1



#50
Toluene-d8
Concen: 52.517 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU045458.D
Acq: 29 Oct 2021 13:03

Tgt Ion: 98 Resp: 455655
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 115.137 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU045458.D

Acq: 29 Oct 2021 13:03

Instrument :

MSVOA_U

ClientSampleId :

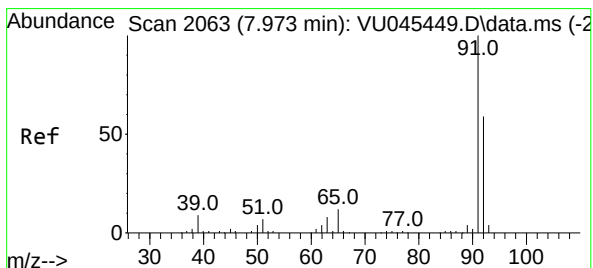
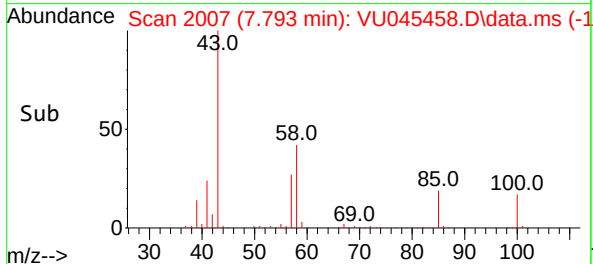
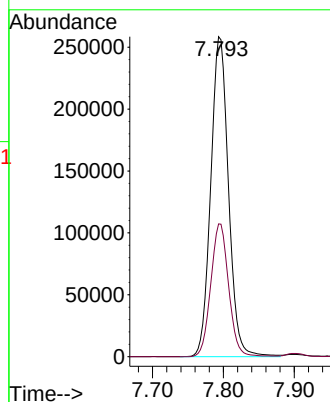
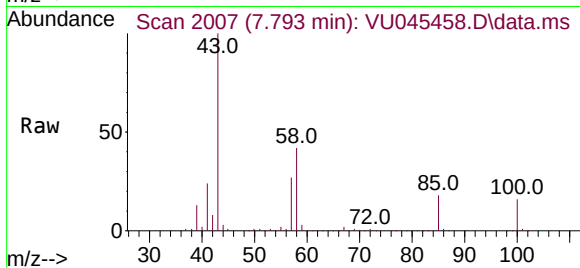
VU1029MBS01

Tgt Ion: 43 Resp: 449899

Ion Ratio Lower Upper

43 100

58 41.8 33.8 50.8



#52

Toluene

Concen: 21.804 ug/l

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU045458.D

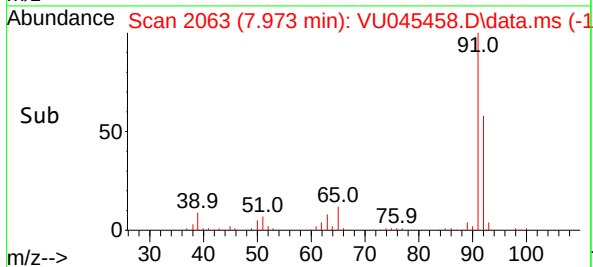
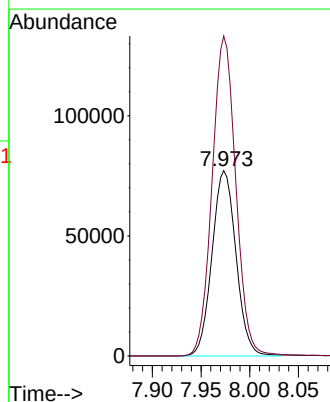
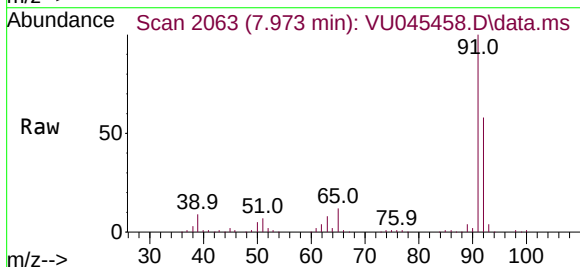
Acq: 29 Oct 2021 13:03

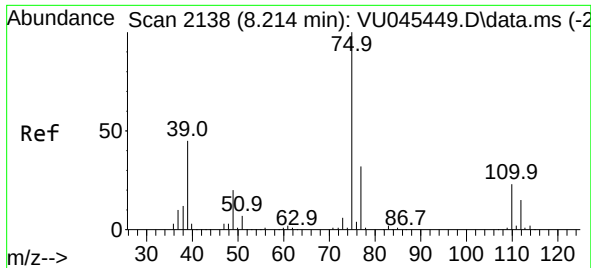
Tgt Ion: 92 Resp: 132161

Ion Ratio Lower Upper

92 100

91 171.1 135.6 203.4

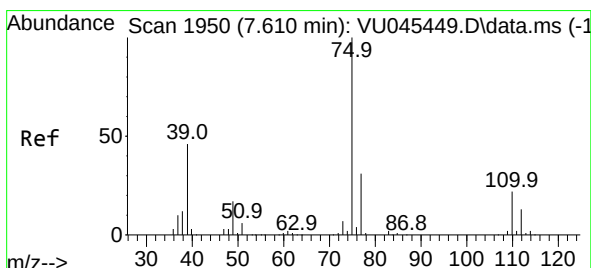
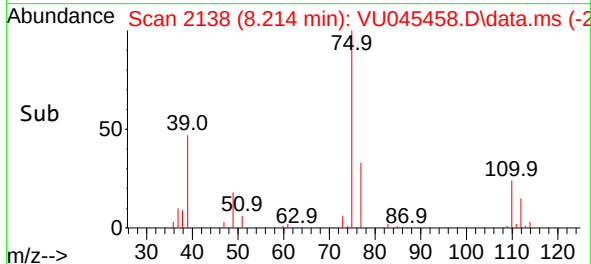
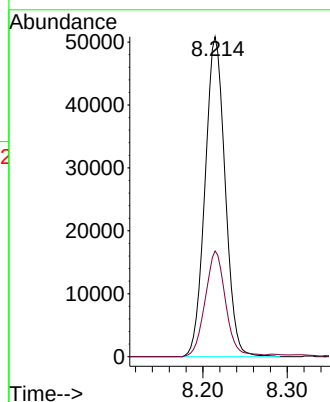
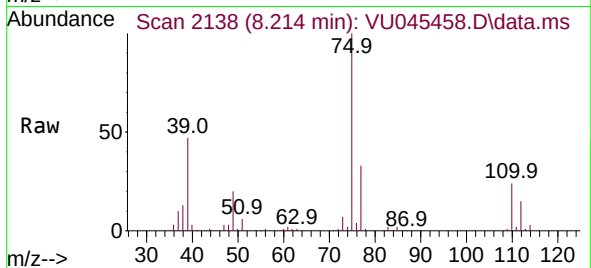




#53
 t-1,3-Dichloropropene
 Concen: 22.002 ug/l
 RT: 8.214 min Scan# 2138
 Delta R.T. 0.000 min
 Lab File: VU045458.D
 Acq: 29 Oct 2021 13:03

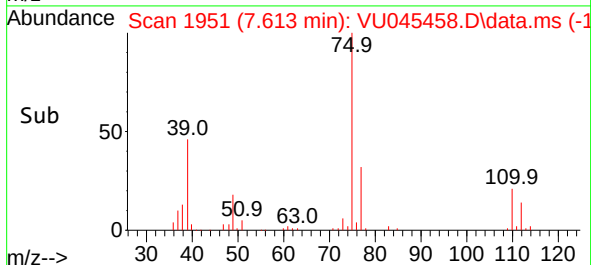
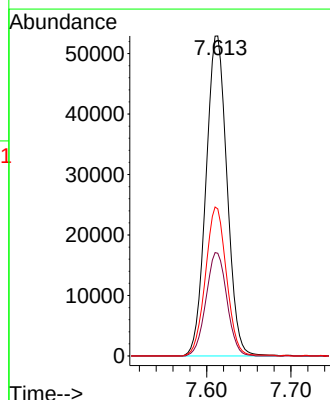
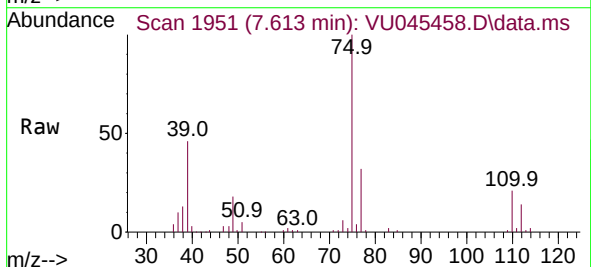
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1029MBS01

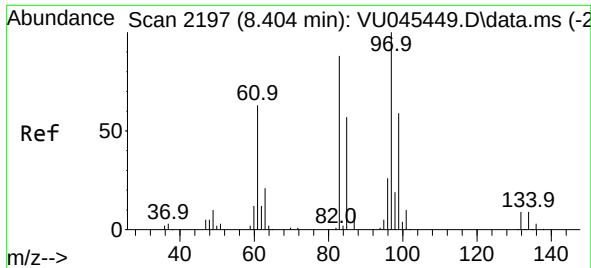
Tgt Ion: 75 Resp: 84327
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 22.369 ug/l
 RT: 7.613 min Scan# 1951
 Delta R.T. 0.003 min
 Lab File: VU045458.D
 Acq: 29 Oct 2021 13:03

Tgt Ion: 75 Resp: 91813
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.6 37.0
 39 46.0 37.1 55.7

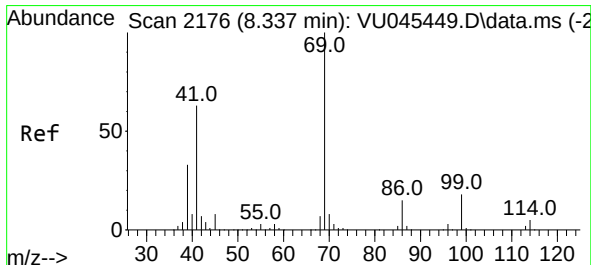
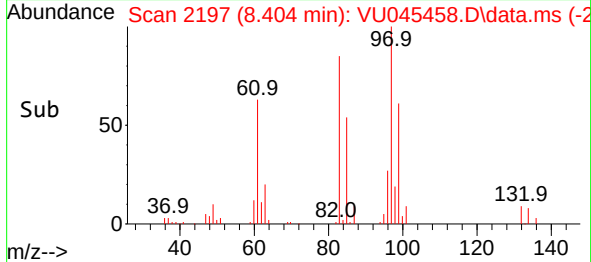
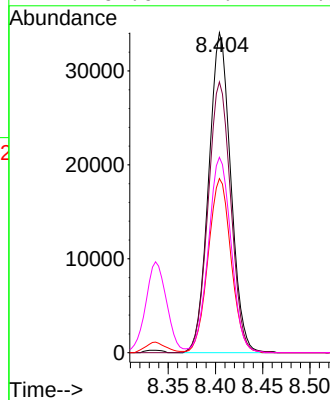
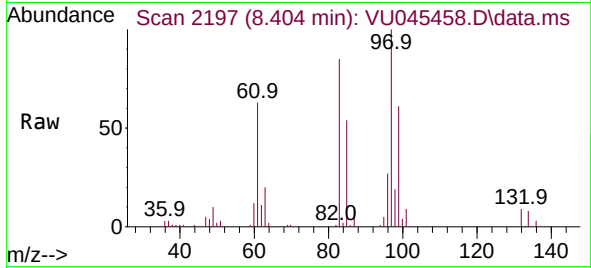




#55
 1,1,2-Trichloroethane
 Concen: 22.430 ug/l
 RT: 8.404 min Scan# 2197
 Delta R.T. 0.000 min
 Lab File: VU045458.D
 Acq: 29 Oct 2021 13:03

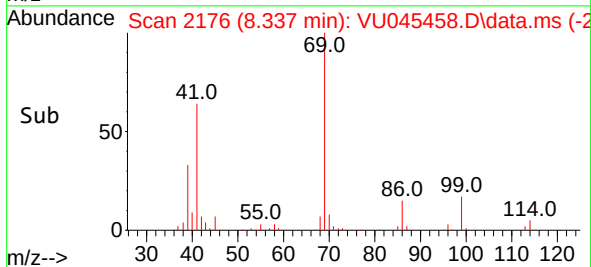
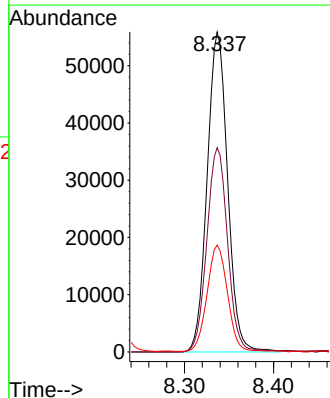
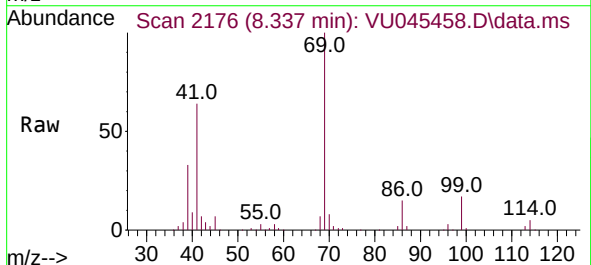
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1029MBS01

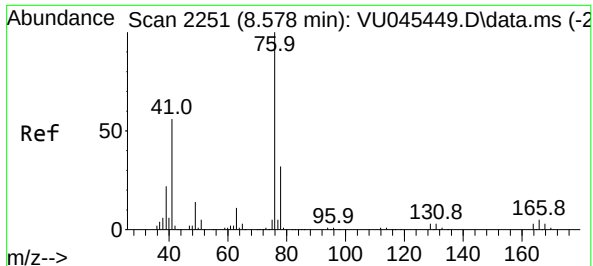
Tgt Ion:	97	Resp:	55535
Ion	Ratio	Lower	Upper
97	100		
83	84.6	70.3	105.5
85	54.4	45.5	68.3
99	61.0	49.7	74.5



#56
 Ethyl methacrylate
 Concen: 20.638 ug/l
 RT: 8.337 min Scan# 2176
 Delta R.T. -0.000 min
 Lab File: VU045458.D
 Acq: 29 Oct 2021 13:03

Tgt Ion:	69	Resp:	88985
Ion	Ratio	Lower	Upper
69	100		
41	64.9	51.0	76.4
39	32.9	26.6	39.8





#57

1,3-Dichloropropane

Concen: 22.114 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045458.D

Acq: 29 Oct 2021 13:03

Instrument :

MSVOA_U

ClientSampleId :

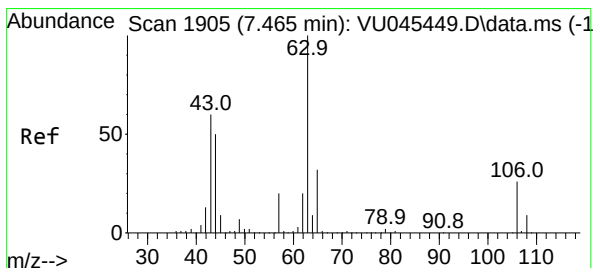
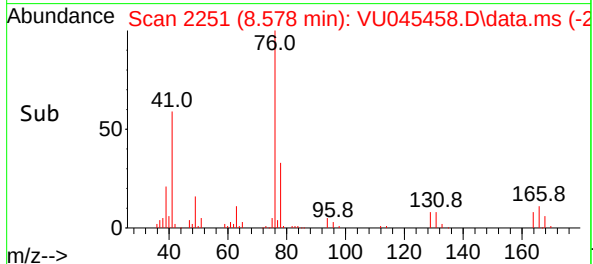
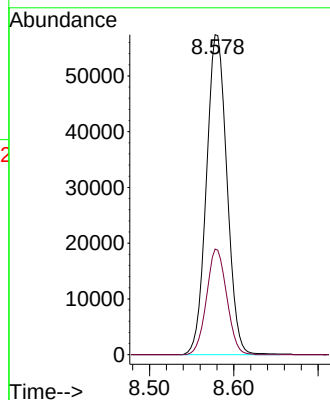
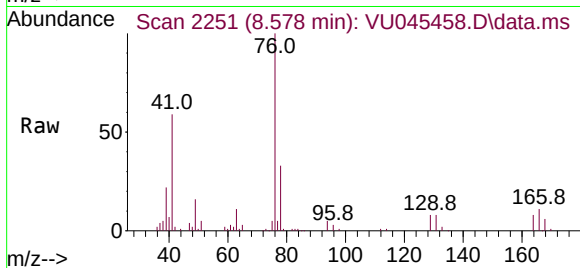
VU1029MBS01

Tgt Ion: 76 Resp: 97190

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 105.937 ug/l

RT: 7.468 min Scan# 1906

Delta R.T. 0.003 min

Lab File: VU045458.D

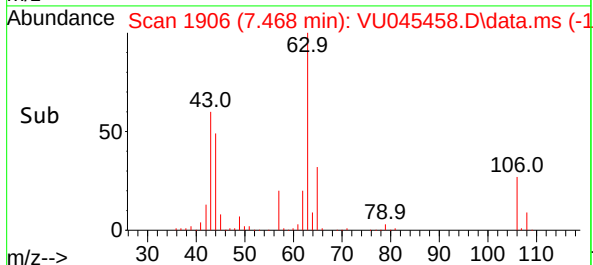
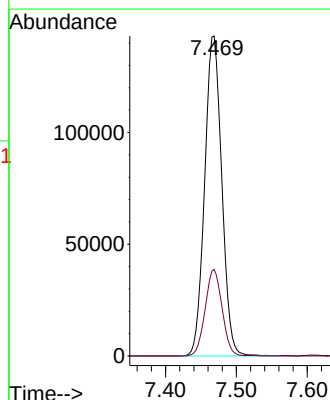
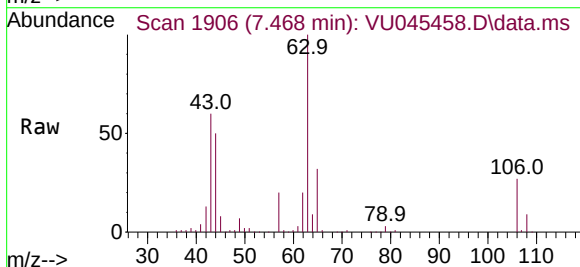
Acq: 29 Oct 2021 13:03

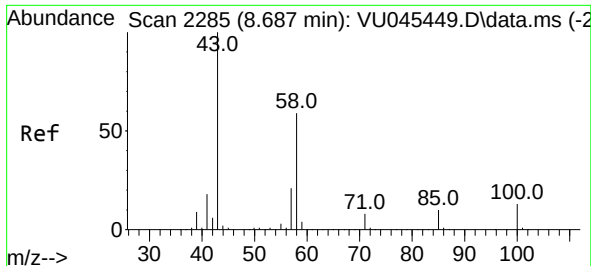
Tgt Ion: 63 Resp: 240416

Ion Ratio Lower Upper

63 100

106 26.7 21.0 31.4

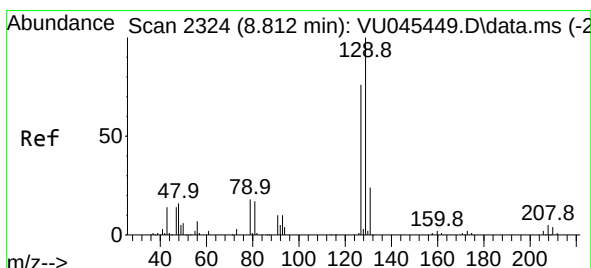
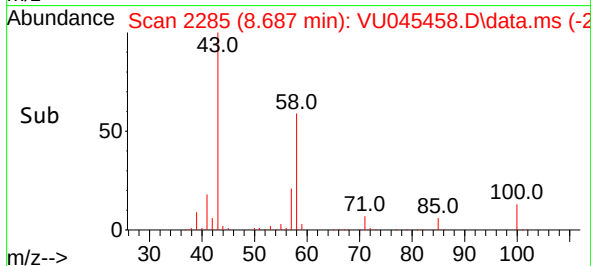
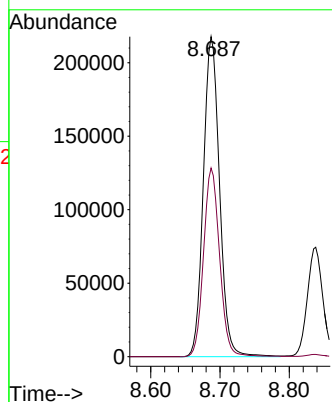
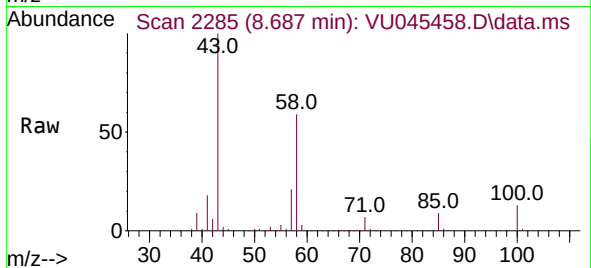




#59
2-Hexanone
Concen: 116.442 ug/l
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045458.D
Acq: 29 Oct 2021 13:03

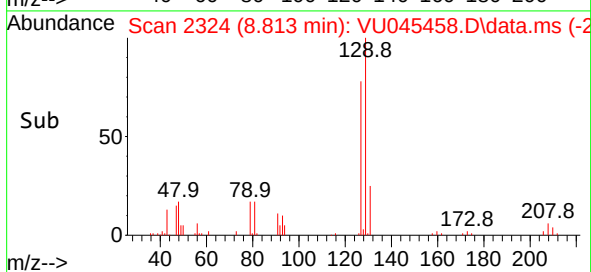
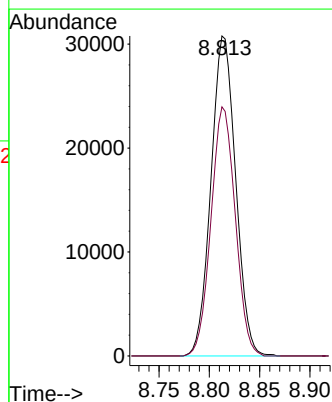
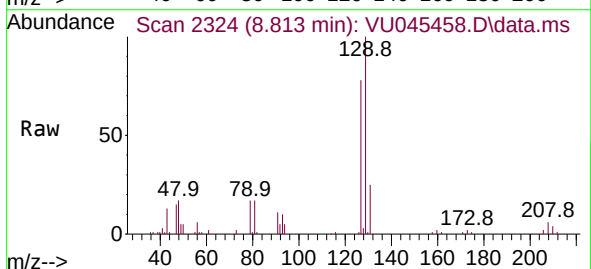
Instrument :
MSVOA_U
ClientSampleId :
VU1029MBS01

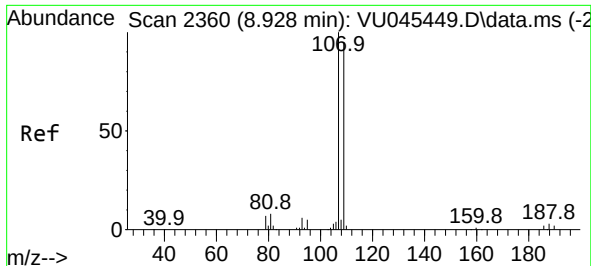
Tgt Ion: 43 Resp: 352528
Ion Ratio Lower Upper
43 100
58 58.6 29.5 88.6



#60
Dibromochloromethane
Concen: 22.129 ug/l
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU045458.D
Acq: 29 Oct 2021 13:03

Tgt Ion: 129 Resp: 52582
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.3

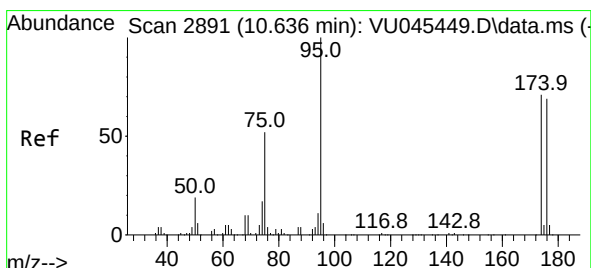
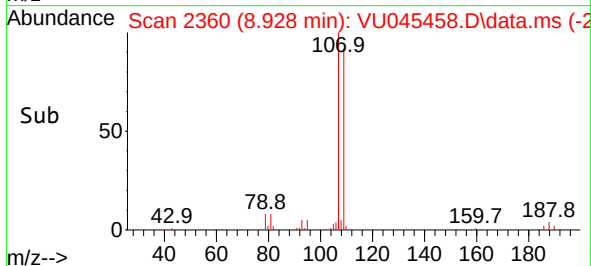
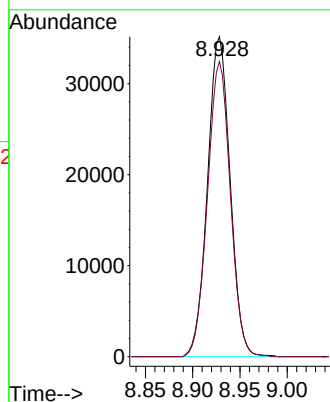
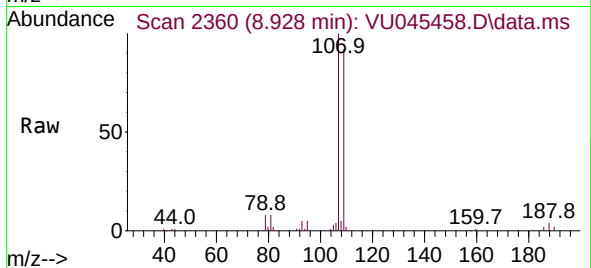




#61
1,2-Dibromoethane
Concen: 22.556 ug/l
RT: 8.928 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VU045458.D
Acq: 29 Oct 2021 13:03

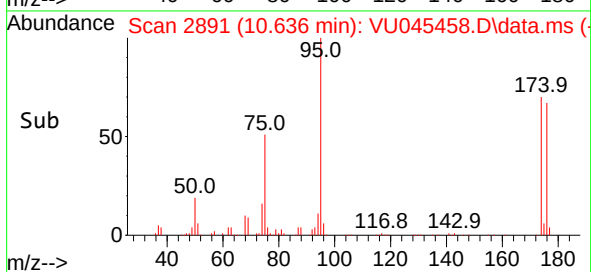
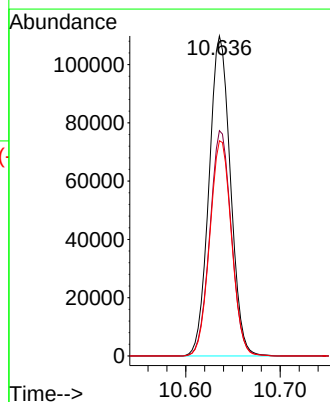
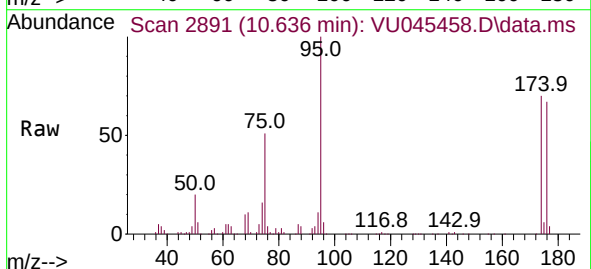
Instrument :
MSVOA_U
ClientSampleId :
VU1029MBS01

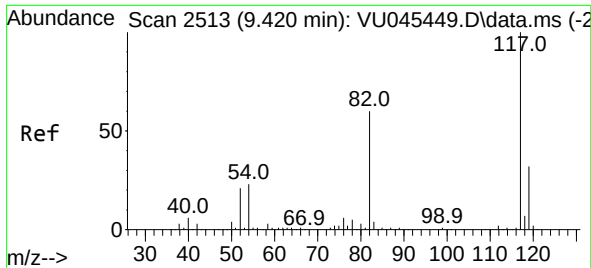
Tgt Ion:107 Resp: 58495
Ion Ratio Lower Upper
107 100
109 93.2 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 52.355 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU045458.D
Acq: 29 Oct 2021 13:03

Tgt Ion: 95 Resp: 173099
Ion Ratio Lower Upper
95 100
174 70.7 0.0 141.8
176 68.2 0.0 138.2

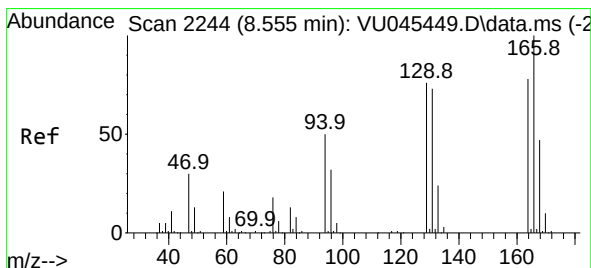
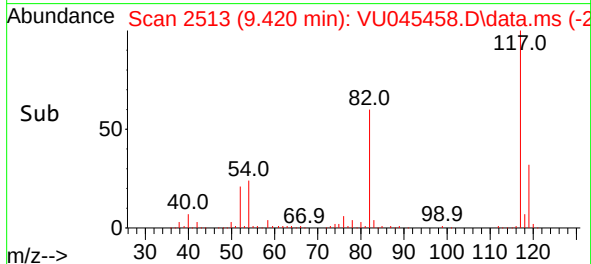
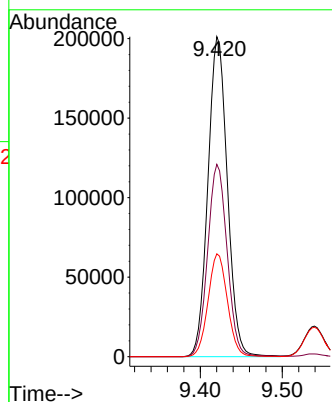
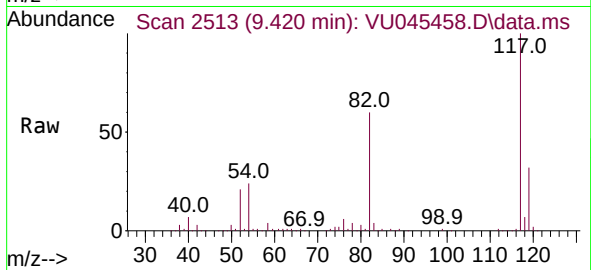




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045458.D
Acq: 29 Oct 2021 13:03

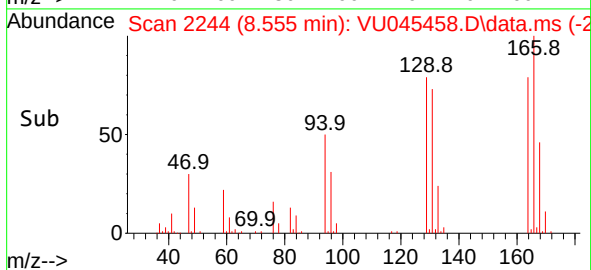
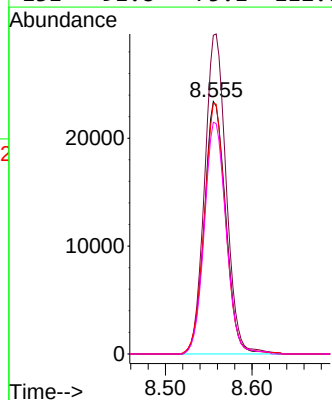
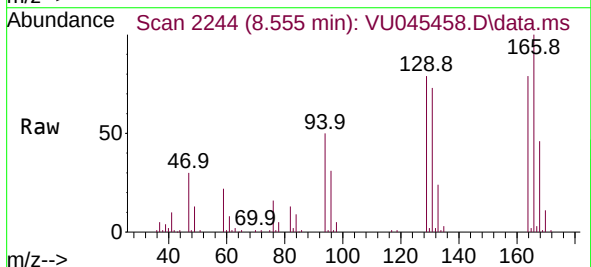
Instrument :
MSVOA_U
ClientSampleId :
VU1029MBS01

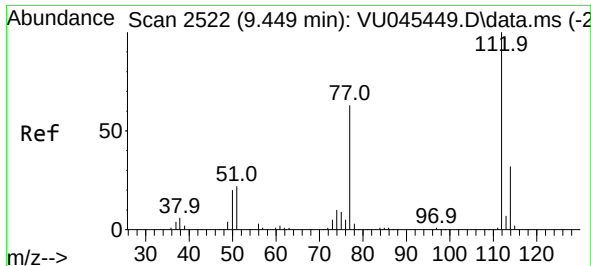
Tgt Ion:117 Resp: 331748
Ion Ratio Lower Upper
117 100
82 60.1 47.8 71.8
119 32.2 25.8 38.8



#64
Tetrachloroethene
Concen: 21.216 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045458.D
Acq: 29 Oct 2021 13:03

Tgt Ion:164 Resp: 40232
Ion Ratio Lower Upper
164 100
166 126.3 102.2 153.4
129 99.4 78.2 117.4
131 91.8 75.1 112.7

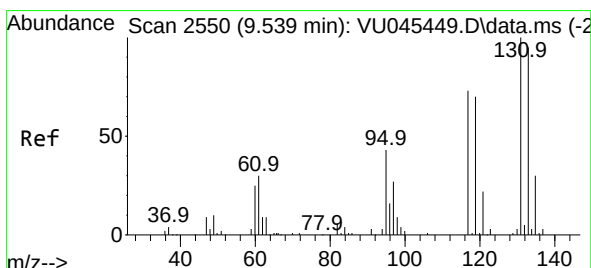
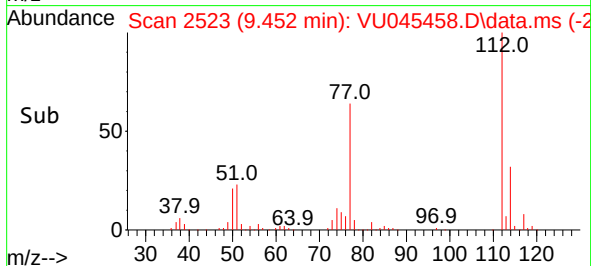
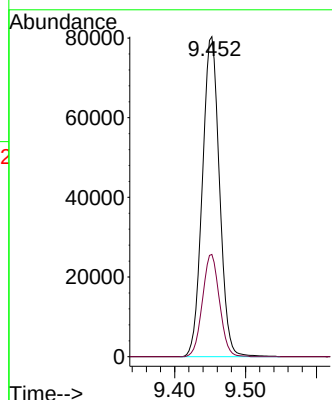
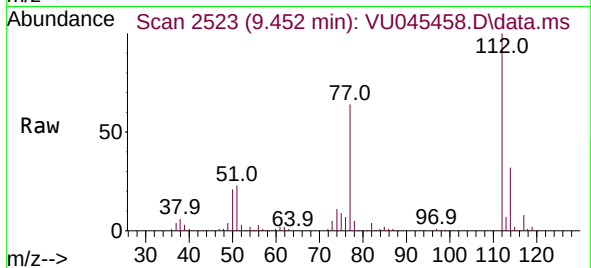




#65
Chlorobenzene
Concen: 21.390 ug/l
RT: 9.452 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU045458.D
Acq: 29 Oct 2021 13:03

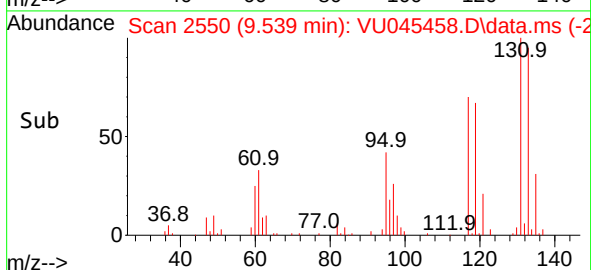
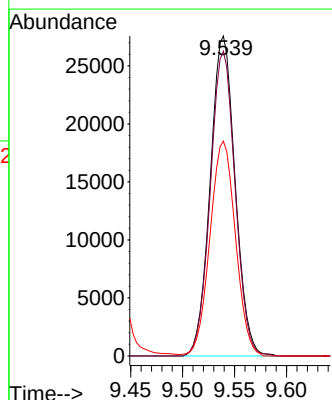
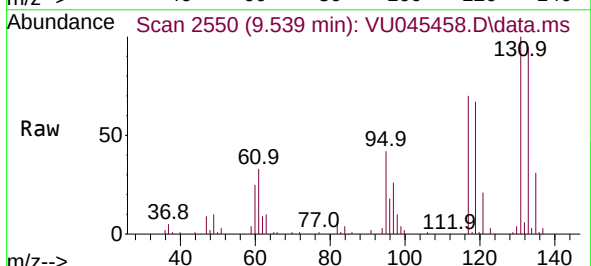
Instrument :
MSVOA_U
ClientSampleId :
VU1029MBS01

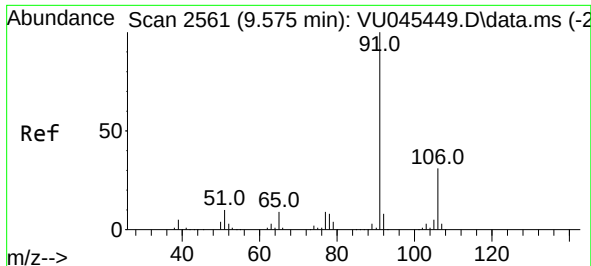
Tgt Ion:112 Resp: 134544
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.676 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. 0.000 min
Lab File: VU045458.D
Acq: 29 Oct 2021 13:03

Tgt Ion:131 Resp: 45999
Ion Ratio Lower Upper
131 100
133 94.8 47.9 143.6
119 68.8 34.5 103.6





#67

Ethyl Benzene

Concen: 21.782 ug/l

RT: 9.575 min Scan# 2561

Delta R.T. 0.000 min

Lab File: VU045458.D

Acq: 29 Oct 2021 13:03

Instrument :

MSVOA_U

ClientSampleId :

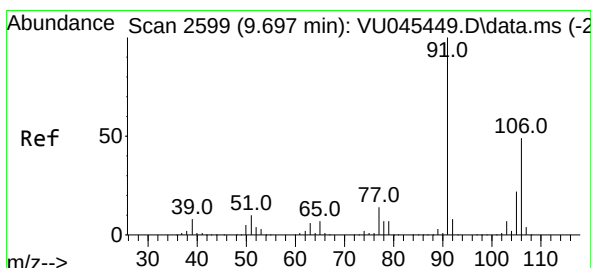
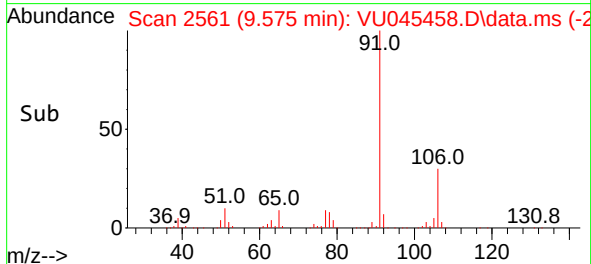
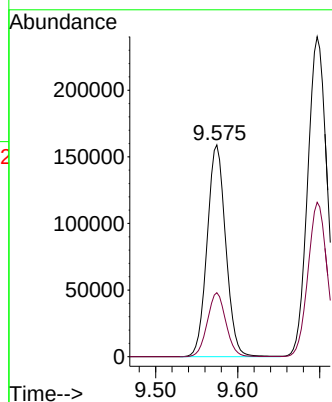
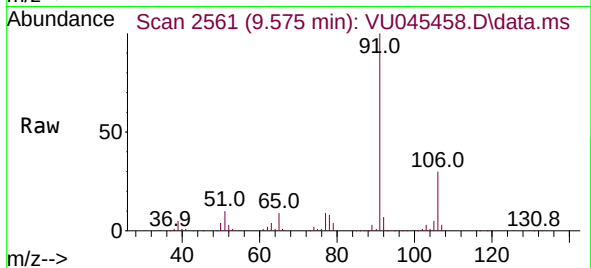
VU1029MBS01

Tgt Ion: 91 Resp: 250975

Ion Ratio Lower Upper

91 100

106 30.2 24.6 36.8



#68

m/p-Xylenes

Concen: 43.766 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.000 min

Lab File: VU045458.D

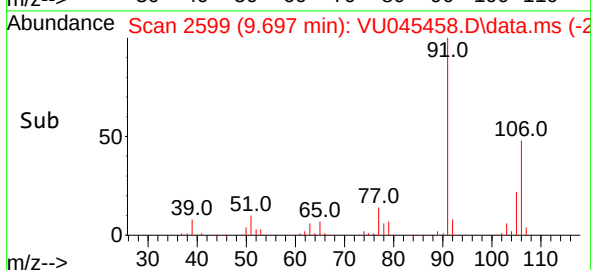
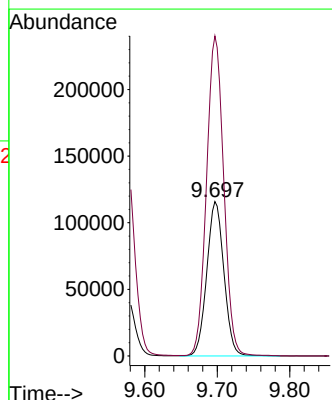
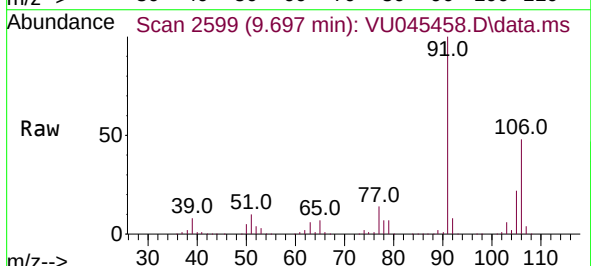
Acq: 29 Oct 2021 13:03

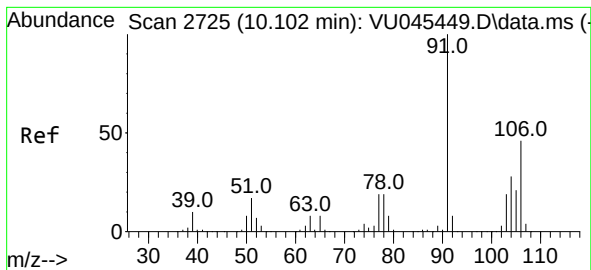
Tgt Ion:106 Resp: 190350

Ion Ratio Lower Upper

106 100

91 208.5 164.7 247.1





#69

o-Xylene

Concen: 22.037 ug/l

RT: 10.105 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU045458.D

Acq: 29 Oct 2021 13:03

Instrument :

MSVOA_U

ClientSampleId :

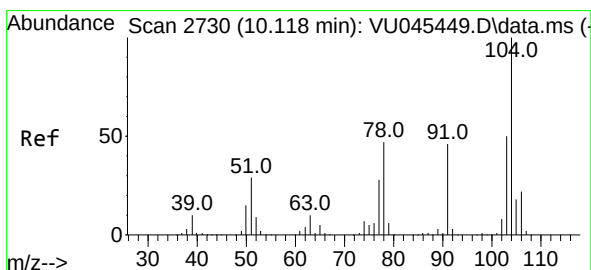
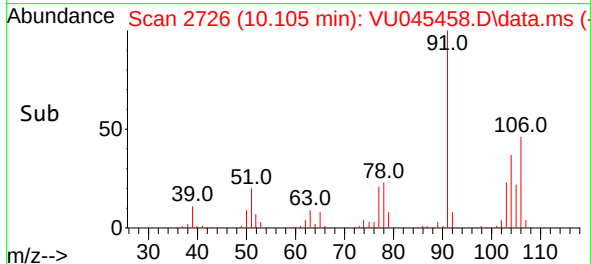
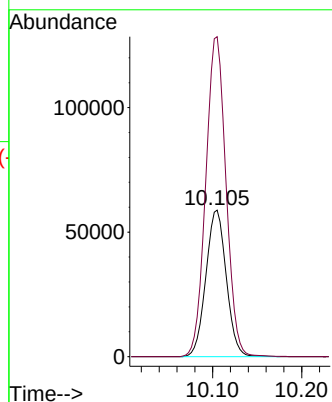
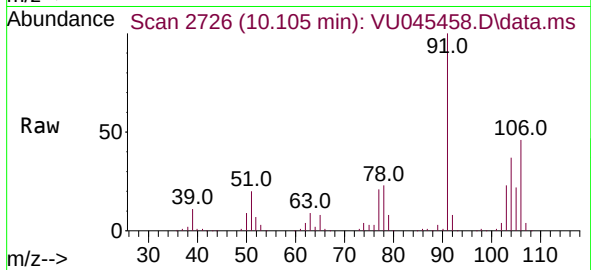
VU1029MBS01

Tgt Ion:106 Resp: 93457

Ion Ratio Lower Upper

106 100

91 216.9 108.7 326.3



#70

Styrene

Concen: 20.521 ug/l

RT: 10.118 min Scan# 2730

Delta R.T. -0.000 min

Lab File: VU045458.D

Acq: 29 Oct 2021 13:03

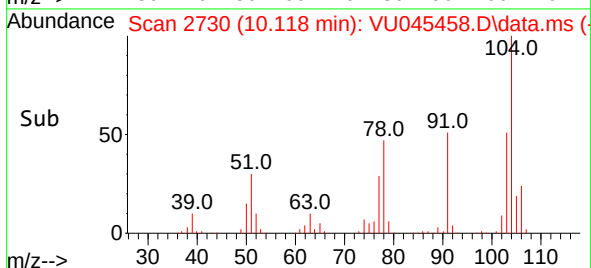
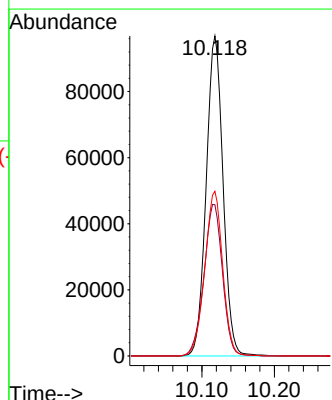
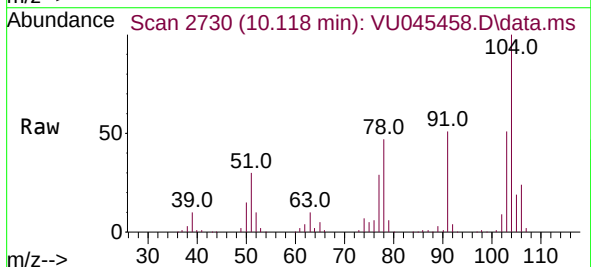
Tgt Ion:104 Resp: 156316

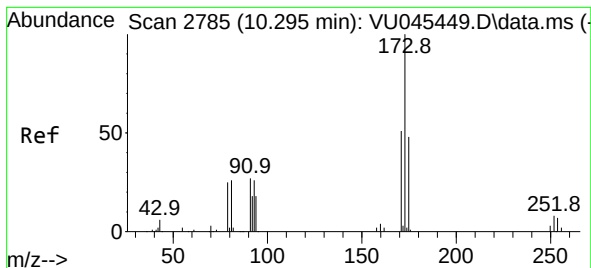
Ion Ratio Lower Upper

104 100

78 52.2 41.8 62.6

103 54.7 43.8 65.6





#71

Bromoform

Concen: 20.691 ug/l

RT: 10.295 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU045458.D

Acq: 29 Oct 2021 13:03

Instrument :

MSVOA_U

ClientSampleId :

VU1029MBS01

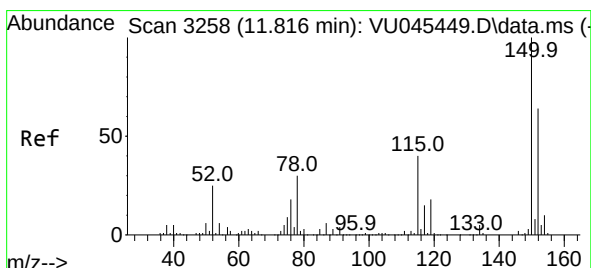
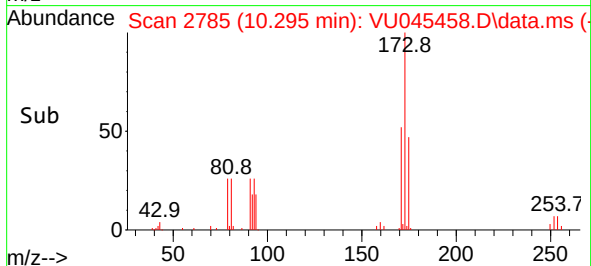
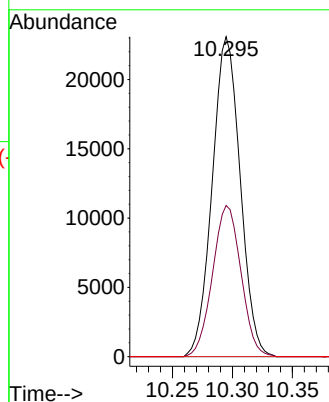
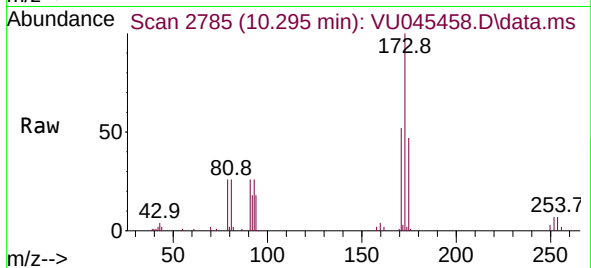
Tgt Ion:173 Resp: 37390

Ion Ratio Lower Upper

173 100

175 48.0 24.1 72.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.816 min Scan# 3258

Delta R.T. 0.000 min

Lab File: VU045458.D

Acq: 29 Oct 2021 13:03

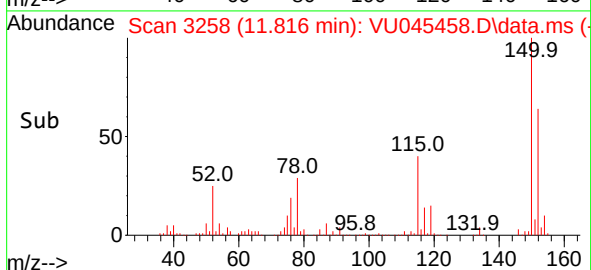
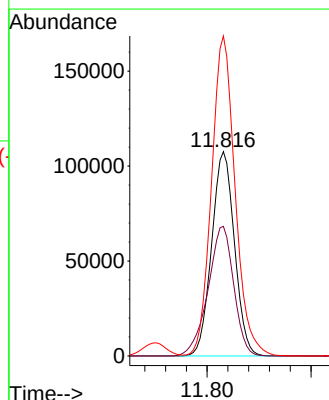
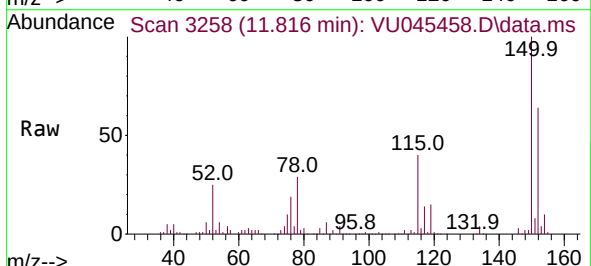
Tgt Ion:152 Resp: 163935

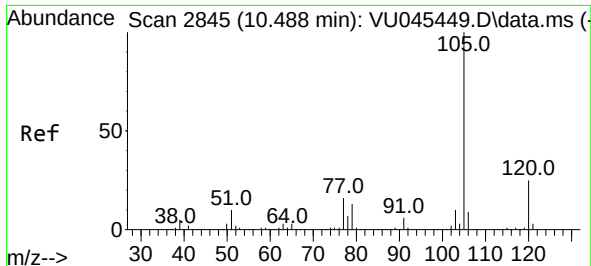
Ion Ratio Lower Upper

152 100

115 71.3 42.7 128.1

150 162.1 0.0 346.8

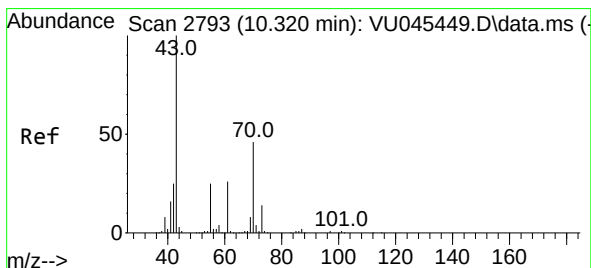
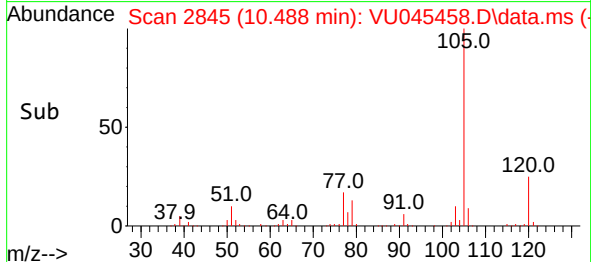
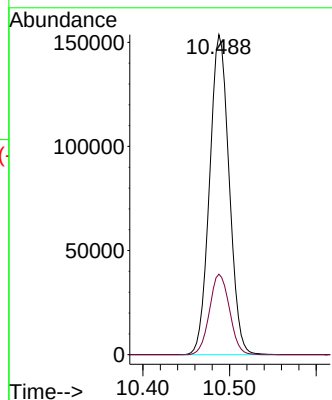
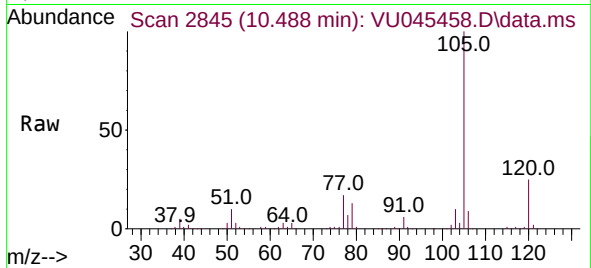




#73
Isopropylbenzene
Concen: 21.787 ug/l
RT: 10.488 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045458.D
Acq: 29 Oct 2021 13:03

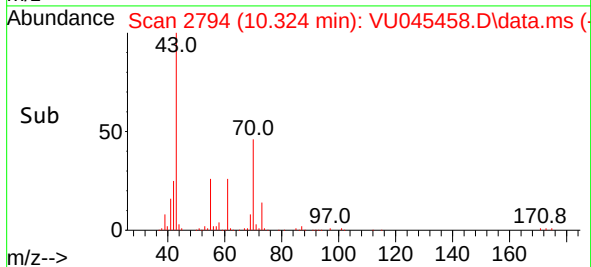
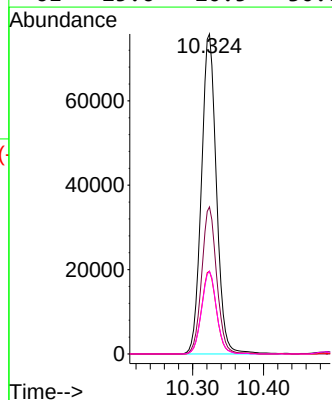
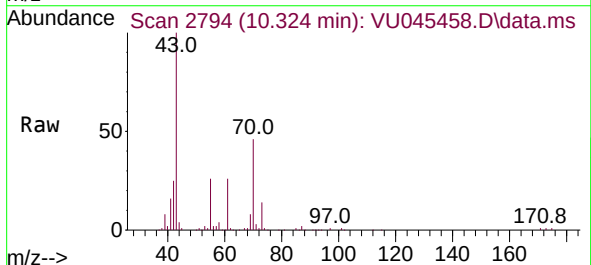
Instrument :
MSVOA_U
ClientSampleId :
VU1029MBS01

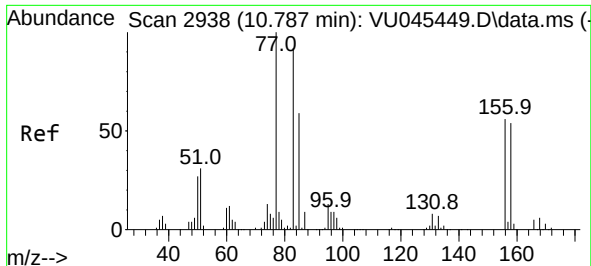
Tgt Ion:105 Resp: 240836
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.6



#74
N-ethyl acetate
Concen: 20.165 ug/l
RT: 10.324 min Scan# 2794
Delta R.T. 0.004 min
Lab File: VU045458.D
Acq: 29 Oct 2021 13:03

Tgt Ion: 43 Resp: 111570
Ion Ratio Lower Upper
43 100
70 45.9 36.9 55.3
55 25.9 20.6 31.0
61 25.6 20.5 30.7

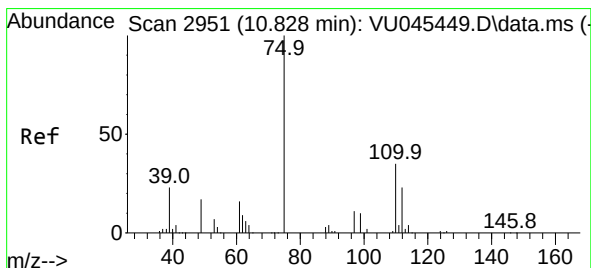
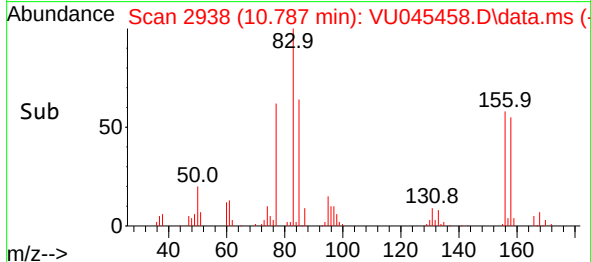
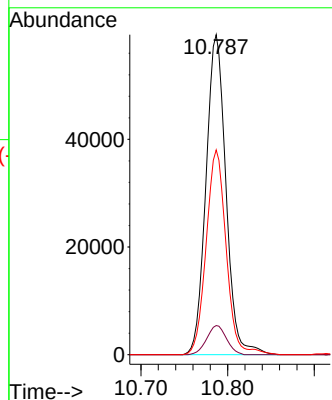
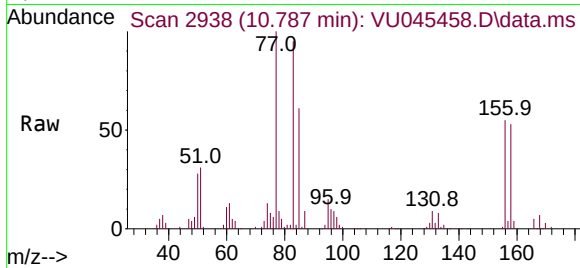




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.685 ug/l
 RT: 10.787 min Scan# 2938
 Delta R.T. 0.000 min
 Lab File: VU045458.D
 Acq: 29 Oct 2021 13:03

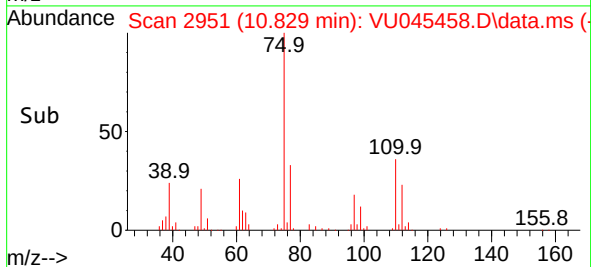
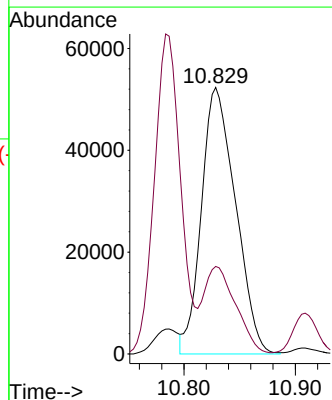
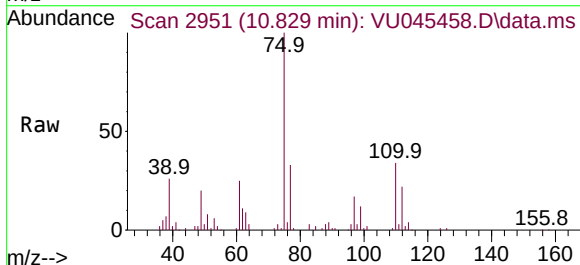
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1029MBS01

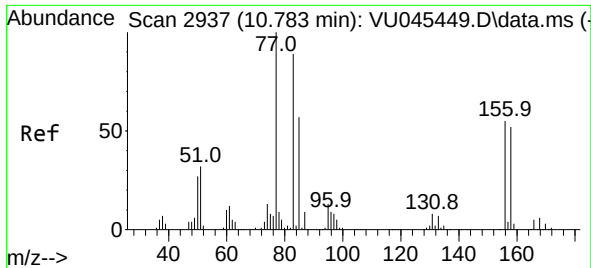
Tgt Ion: 83 Resp: 95138
 Ion Ratio Lower Upper
 83 100
 131 9.0 4.4 13.2
 85 64.2 31.9 95.9



#76
 1,2,3-Trichloropropane
 Concen: 25.501 ug/l
 RT: 10.829 min Scan# 2951
 Delta R.T. 0.000 min
 Lab File: VU045458.D
 Acq: 29 Oct 2021 13:03

Tgt Ion: 75 Resp: 111385
 Ion Ratio Lower Upper
 75 100
 77 30.4 17.1 51.3

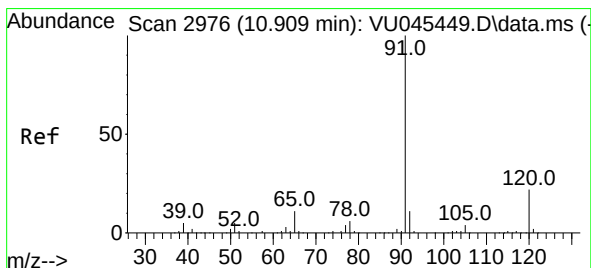
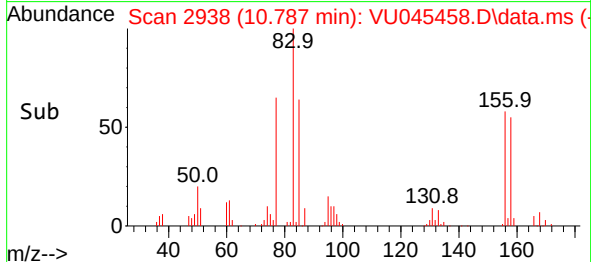
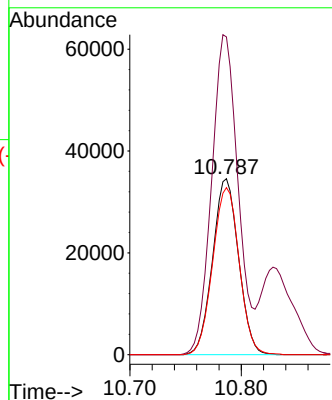
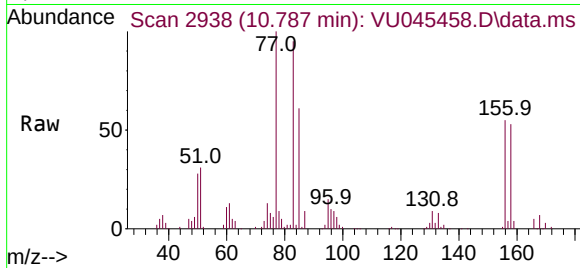




#77
Bromobenzene
Concen: 21.716 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VU045458.D
Acq: 29 Oct 2021 13:03

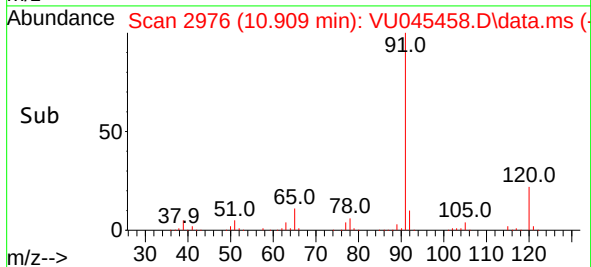
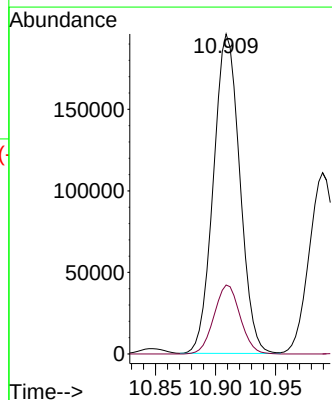
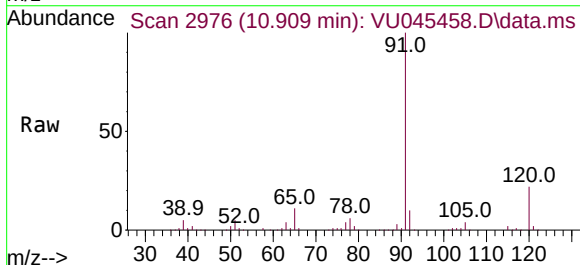
Instrument :
MSVOA_U
ClientSampleId :
VU1029MBS01

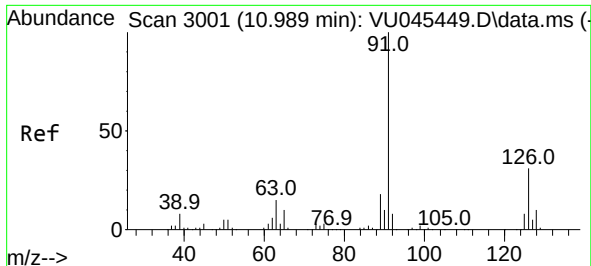
Tgt Ion:156 Resp: 56008
Ion Ratio Lower Upper
156 100
77 185.2 91.1 273.4
158 96.8 47.9 143.6



#78
n-propylbenzene
Concen: 22.295 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.000 min
Lab File: VU045458.D
Acq: 29 Oct 2021 13:03

Tgt Ion: 91 Resp: 298783
Ion Ratio Lower Upper
91 100
120 21.4 10.9 32.7

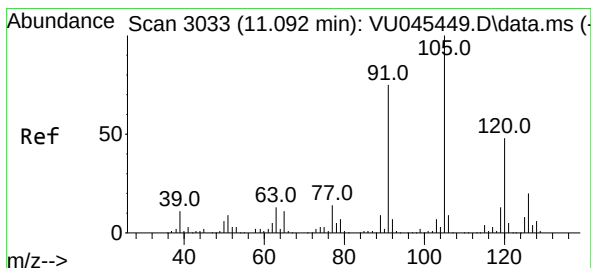
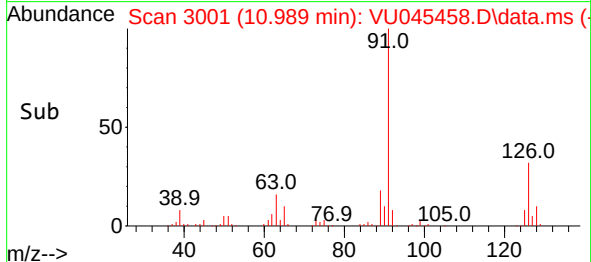
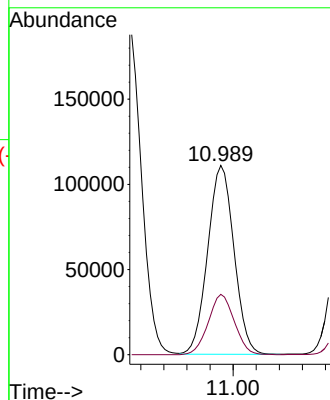
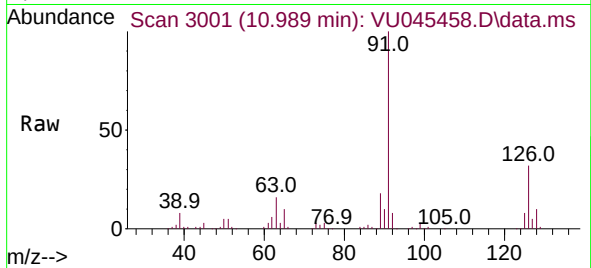




#79
2-Chlorotoluene
Concen: 21.731 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VU045458.D
Acq: 29 Oct 2021 13:03

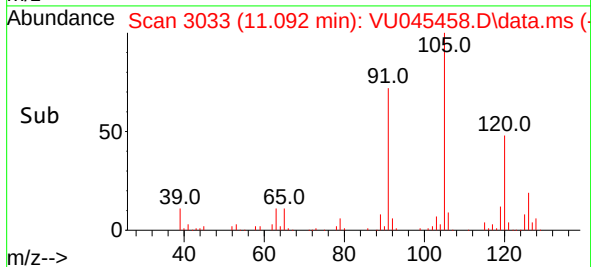
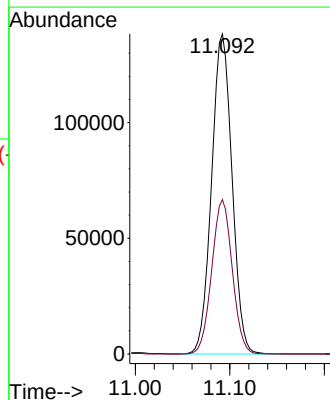
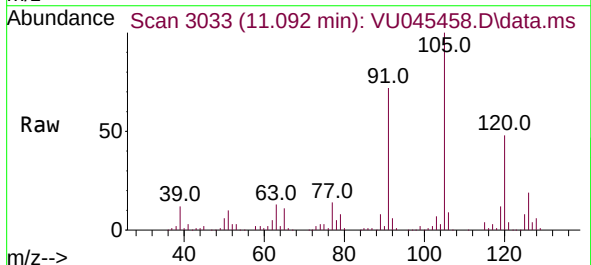
Instrument :
MSVOA_U
ClientSampleId :
VU1029MBS01

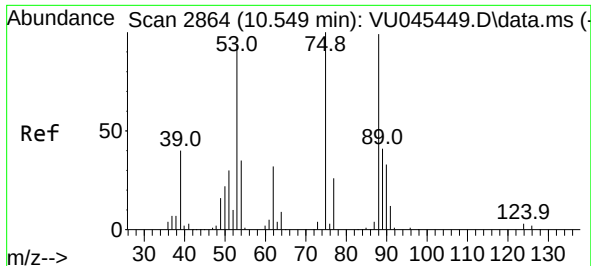
Tgt Ion: 91 Resp: 175296
Ion Ratio Lower Upper
91 100
126 31.5 15.6 46.8



#80
1,3,5-Trimethylbenzene
Concen: 22.317 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU045458.D
Acq: 29 Oct 2021 13:03

Tgt Ion: 105 Resp: 207578
Ion Ratio Lower Upper
105 100
120 48.3 23.9 71.8

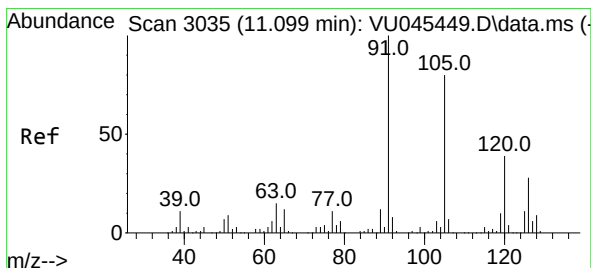
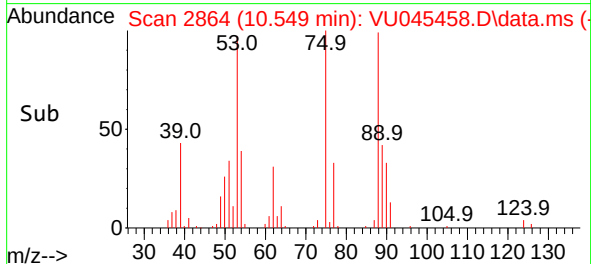
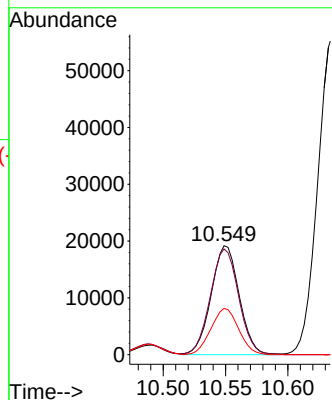
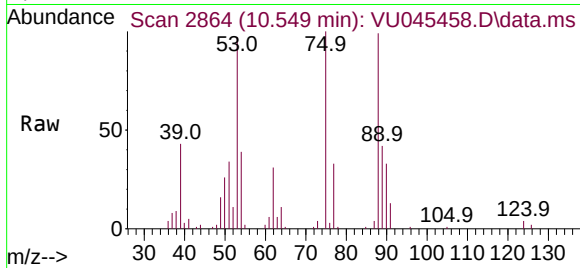




#81
trans-1,4-Dichloro-2-butene
Concen: 20.916 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.000 min
Lab File: VU045458.D
Acq: 29 Oct 2021 13:03

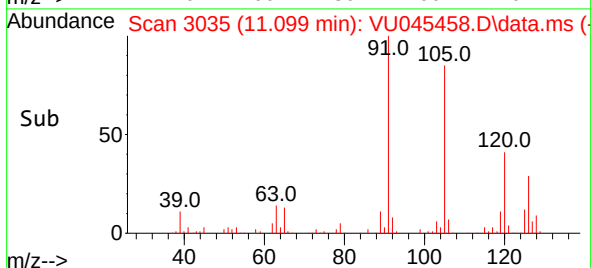
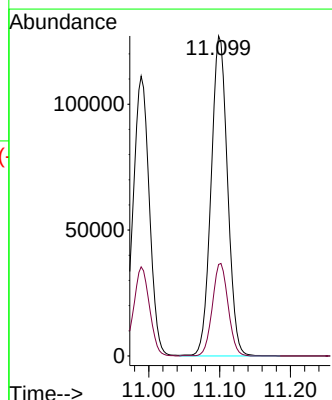
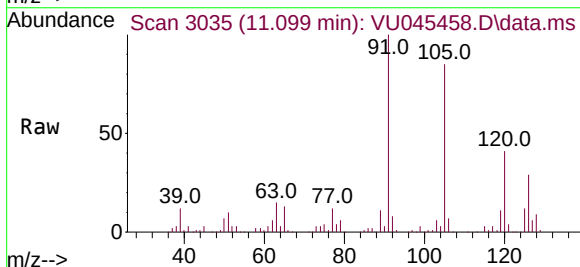
Instrument :
MSVOA_U
ClientSampleId :
VU1029MBS01

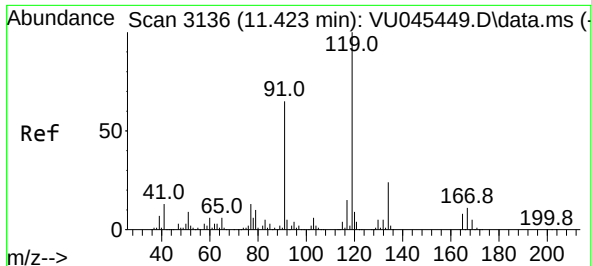
Tgt Ion: 75 Resp: 30080
Ion Ratio Lower Upper
75 100
53 97.9 76.2 114.4
89 41.9 34.0 51.0



#82
4-Chlorotoluene
Concen: 22.350 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU045458.D
Acq: 29 Oct 2021 13:03

Tgt Ion: 91 Resp: 205016
Ion Ratio Lower Upper
91 100
126 27.6 13.8 41.4

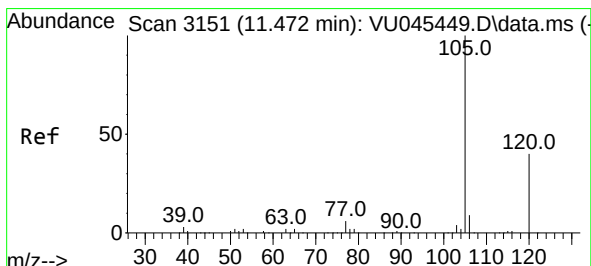
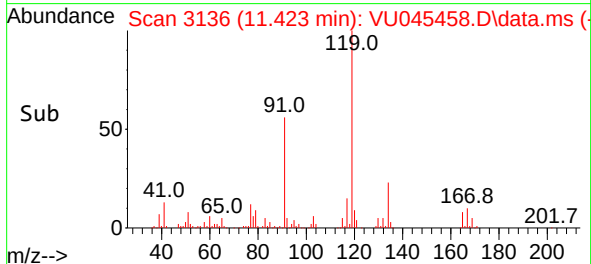
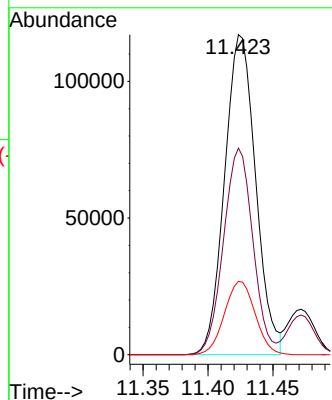
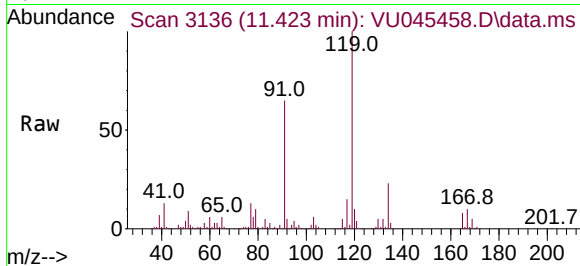




#83
tert-Butylbenzene
Concen: 21.719 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU045458.D
Acq: 29 Oct 2021 13:03

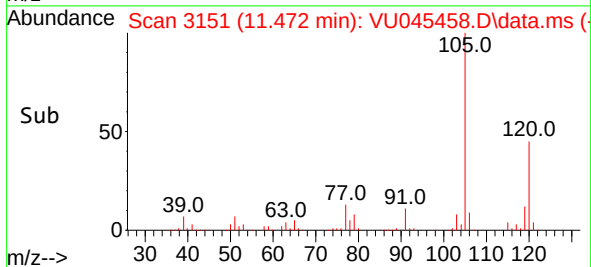
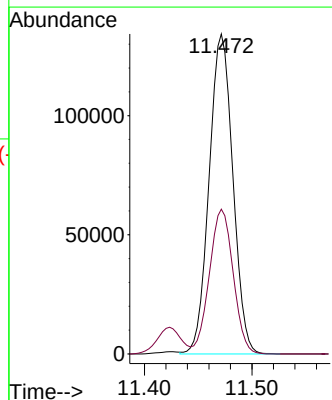
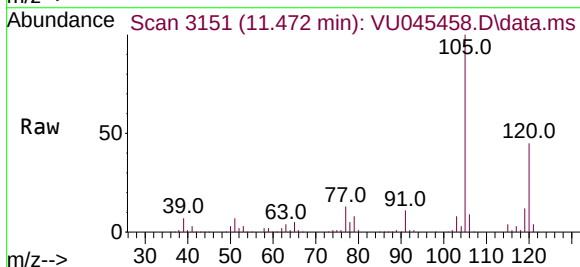
Instrument :
MSVOA_U
ClientSampleId :
VU1029MBS01

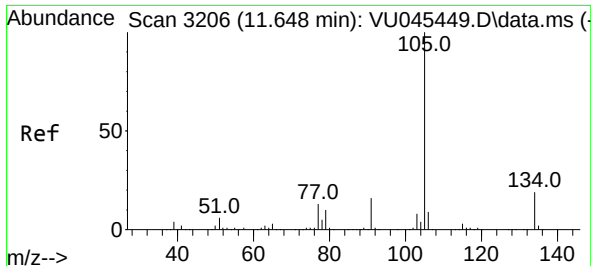
Tgt Ion:119 Resp: 194997
Ion Ratio Lower Upper
119 100
91 61.1 30.5 91.5
134 22.6 11.5 34.5



#84
1,2,4-Trimethylbenzene
Concen: 22.090 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU045458.D
Acq: 29 Oct 2021 13:03

Tgt Ion:105 Resp: 205877
Ion Ratio Lower Upper
105 100
120 45.5 22.2 66.6

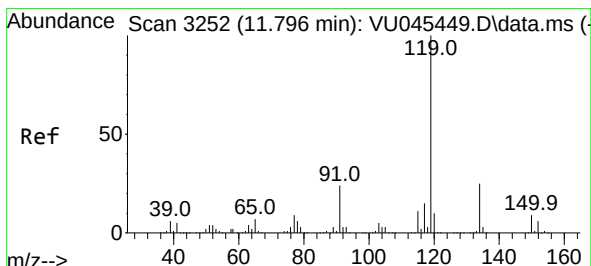
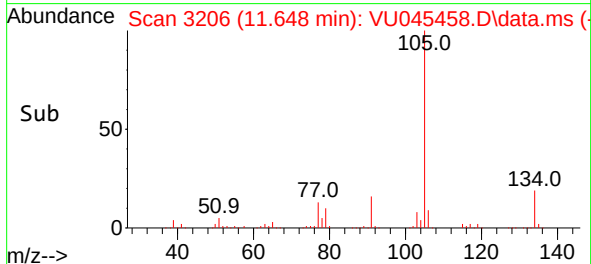
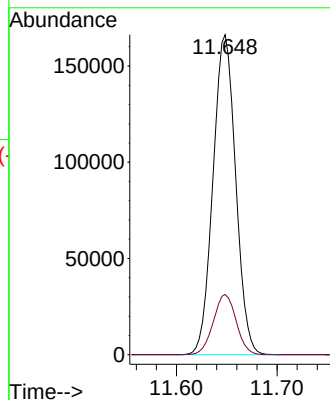
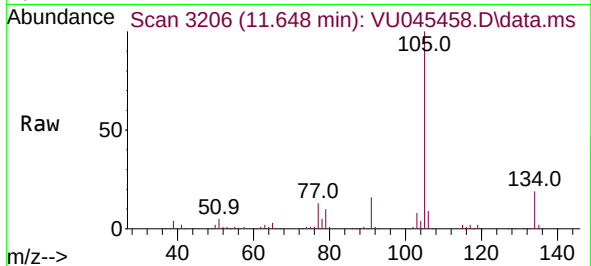




#85
 sec-Butylbenzene
 Concen: 22.093 ug/l
 RT: 11.648 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU045458.D
 Acq: 29 Oct 2021 13:03

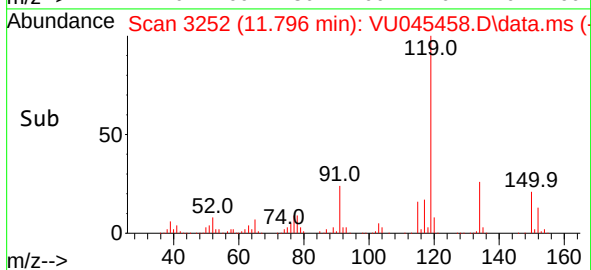
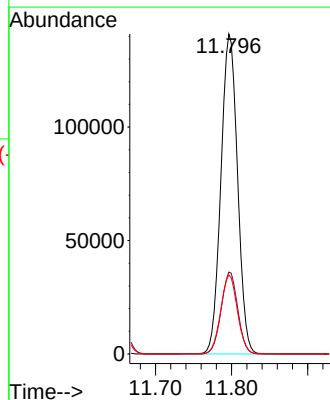
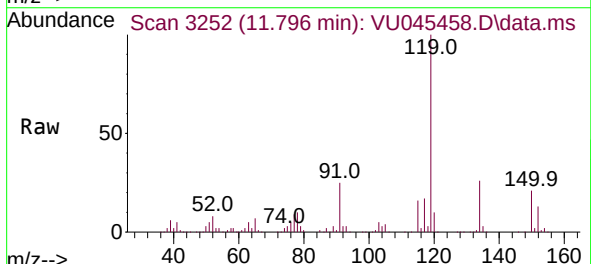
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1029MBS01

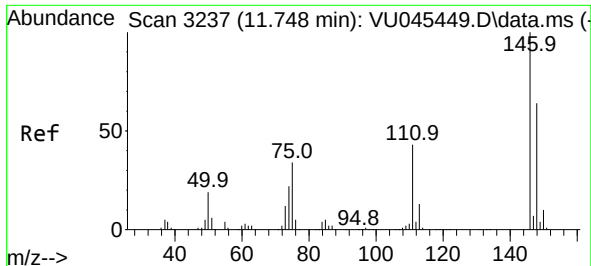
Tgt Ion:105 Resp: 260306
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.4 28.3



#86
 p-Isopropyltoluene
 Concen: 20.625 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU045458.D
 Acq: 29 Oct 2021 13:03

Tgt Ion:119 Resp: 214123
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.7 38.1
 91 24.8 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 21.651 ug/l

RT: 11.748 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU045458.D

Acq: 29 Oct 2021 13:03

Instrument :

MSVOA_U

ClientSampleId :

VU1029MBS01

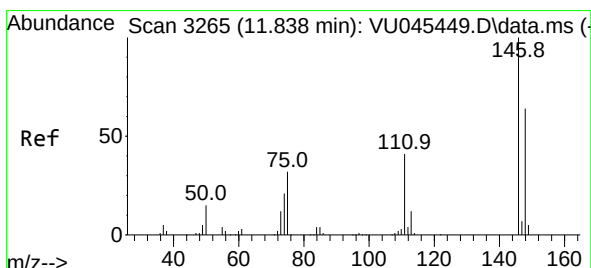
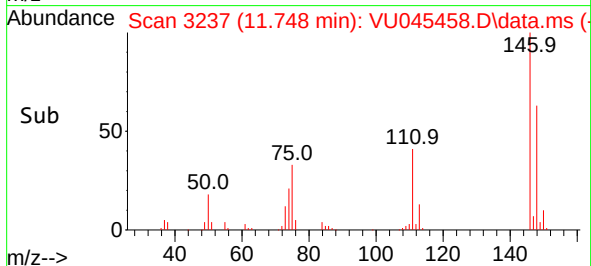
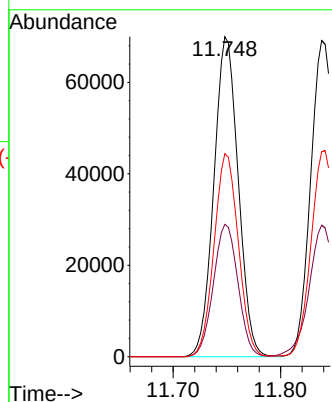
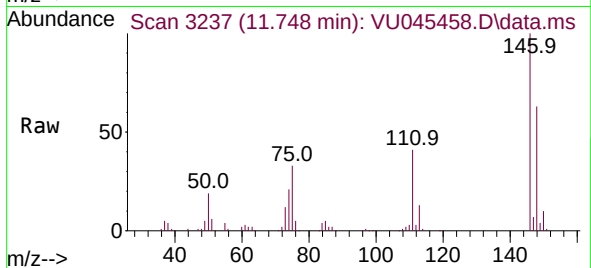
Tgt Ion:146 Resp: 110227

Ion Ratio Lower Upper

146 100

111 41.7 21.3 63.9

148 63.2 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 21.140 ug/l

RT: 11.838 min Scan# 3265

Delta R.T. 0.000 min

Lab File: VU045458.D

Acq: 29 Oct 2021 13:03

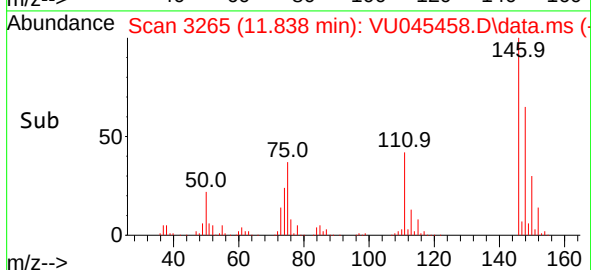
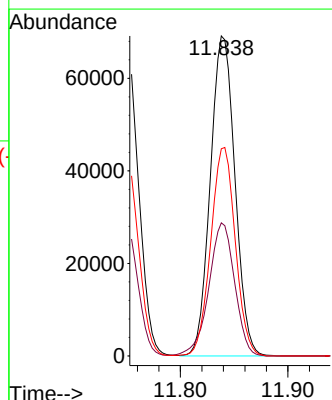
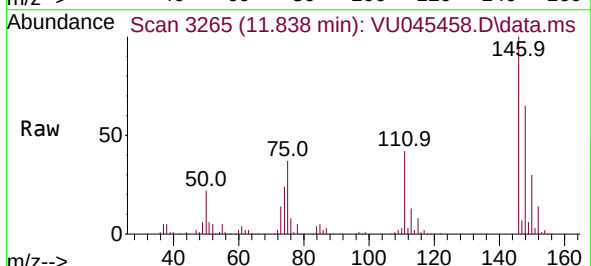
Tgt Ion:146 Resp: 110058

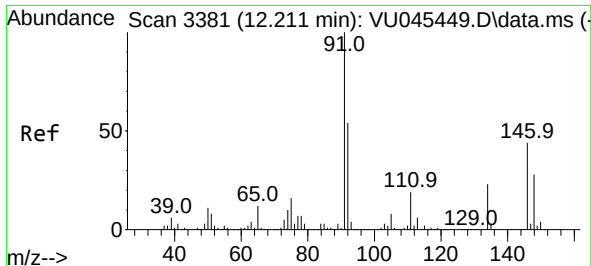
Ion Ratio Lower Upper

146 100

111 43.6 20.6 61.9

148 65.1 31.9 95.7

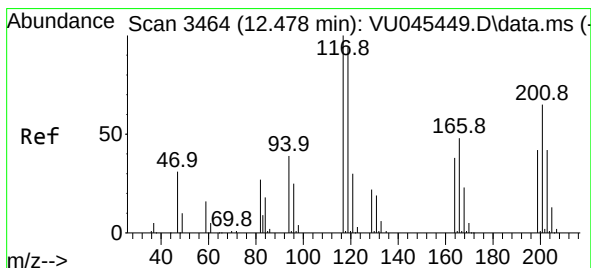
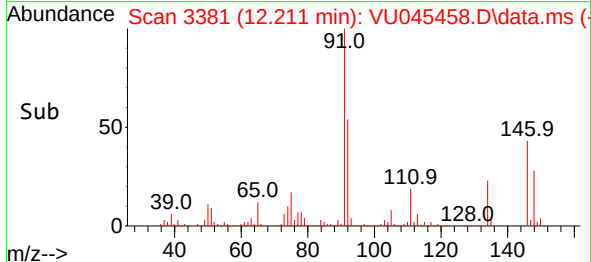
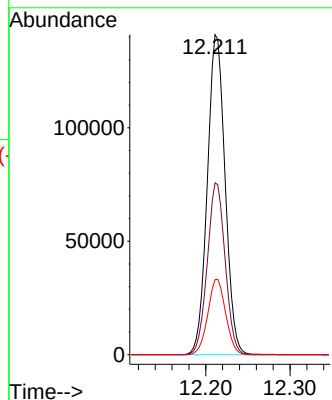
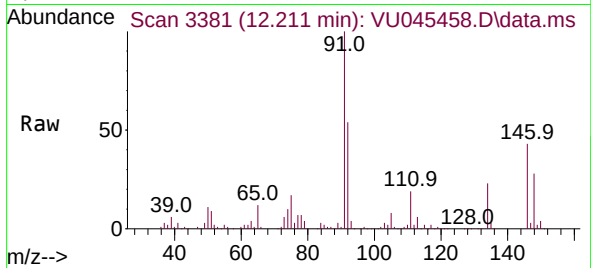




#89
n-Butylbenzene
Concen: 20.833 ug/l
RT: 12.211 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU045458.D
Acq: 29 Oct 2021 13:03

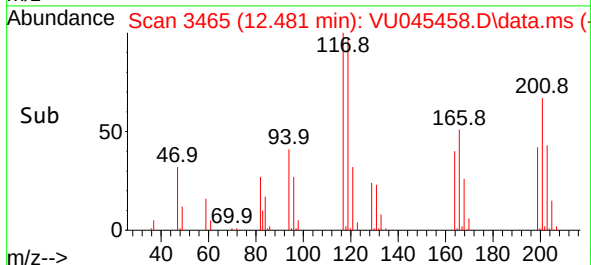
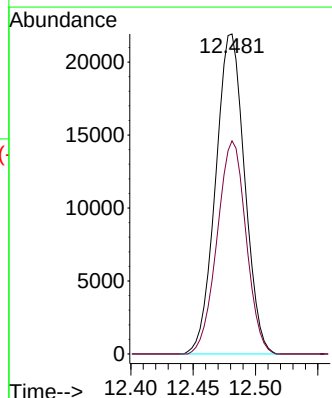
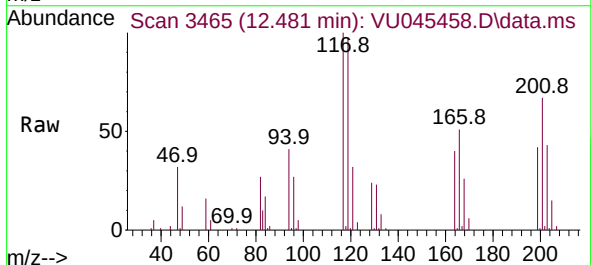
Instrument :
MSVOA_U
ClientSampleId :
VU1029MBS01

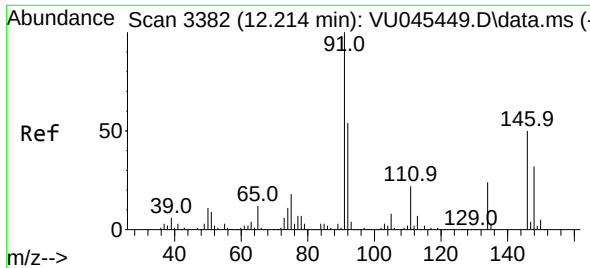
Tgt Ion: 91 Resp: 207128
Ion Ratio Lower Upper
91 100
92 53.9 27.1 81.2
134 23.7 11.8 35.4



#90
Hexachloroethane
Concen: 21.158 ug/l
RT: 12.481 min Scan# 3465
Delta R.T. 0.003 min
Lab File: VU045458.D
Acq: 29 Oct 2021 13:03

Tgt Ion: 117 Resp: 35581
Ion Ratio Lower Upper
117 100
201 66.3 33.8 101.4

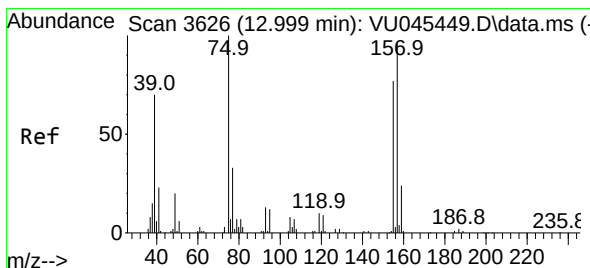
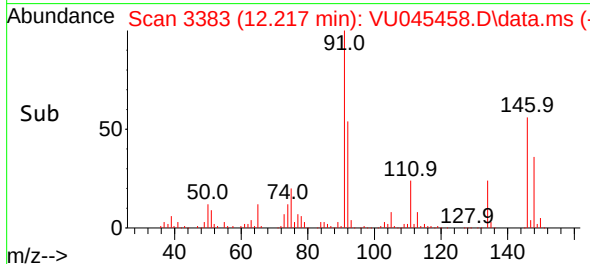
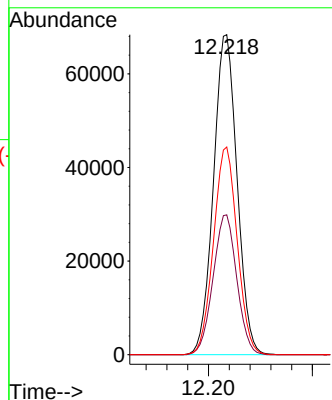
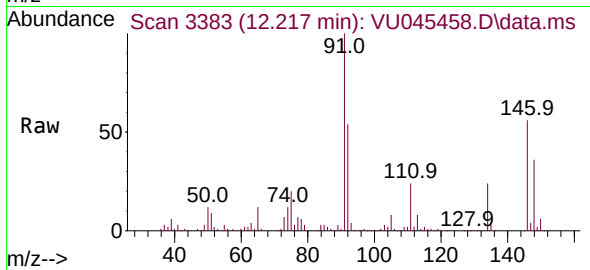




#91
1,2-Dichlorobenzene
Concen: 21.196 ug/l
RT: 12.217 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU045458.D
Acq: 29 Oct 2021 13:03

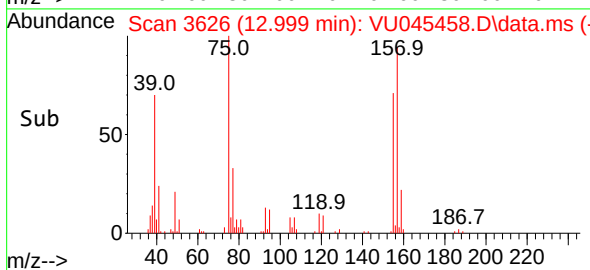
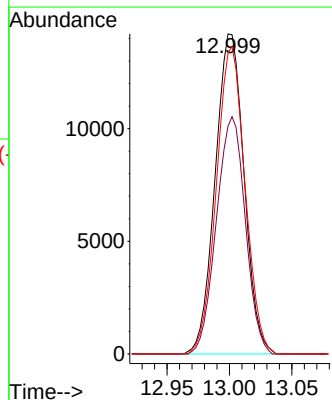
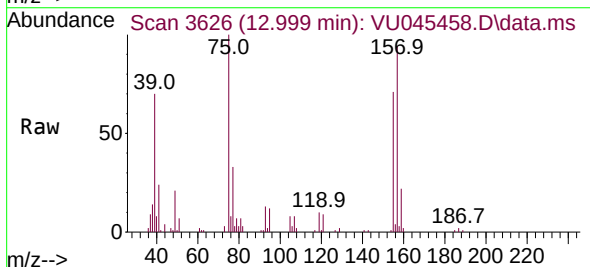
Instrument :
MSVOA_U
ClientSampleId :
VU1029MBS01

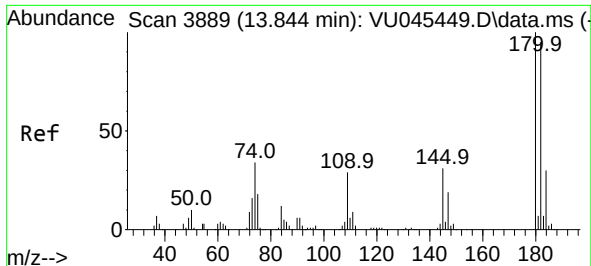
Tgt Ion:146 Resp: 107932
Ion Ratio Lower Upper
146 100
111 43.9 21.9 65.5
148 65.2 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.759 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU045458.D
Acq: 29 Oct 2021 13:03

Tgt Ion: 75 Resp: 22929
Ion Ratio Lower Upper
75 100
155 74.1 37.8 113.3
157 95.0 48.4 145.2





#93

1,2,4-Trichlorobenzene

Concen: 21.428 ug/l

RT: 13.844 min Scan# 3889

Delta R.T. 0.000 min

Lab File: VU045458.D

Acq: 29 Oct 2021 13:03

Instrument :

MSVOA_U

ClientSampleId :

VU1029MBS01

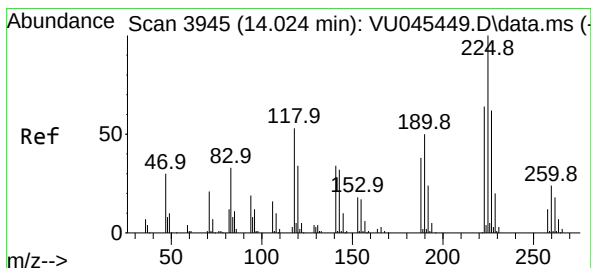
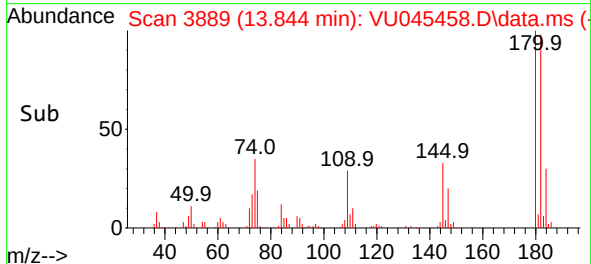
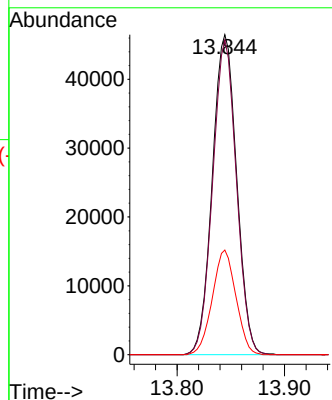
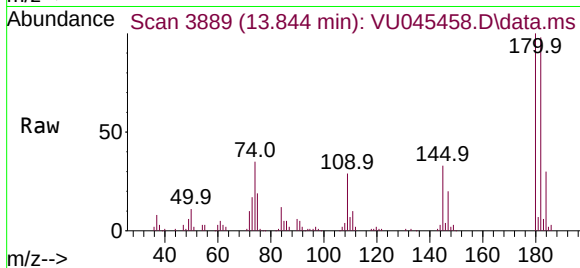
Tgt Ion:180 Resp: 73069

Ion Ratio Lower Upper

180 100

182 95.8 47.0 141.2

145 31.7 15.6 46.7



#94

Hexachlorobutadiene

Concen: 22.626 ug/l

RT: 14.025 min Scan# 3945

Delta R.T. 0.000 min

Lab File: VU045458.D

Acq: 29 Oct 2021 13:03

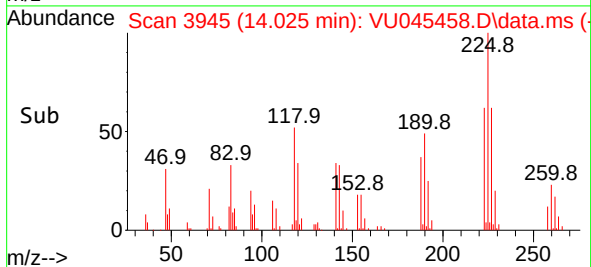
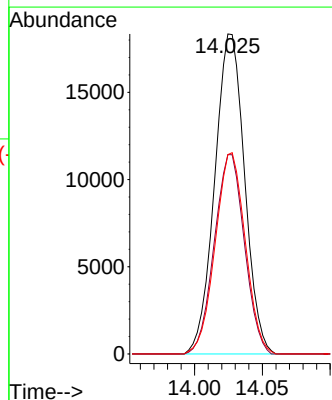
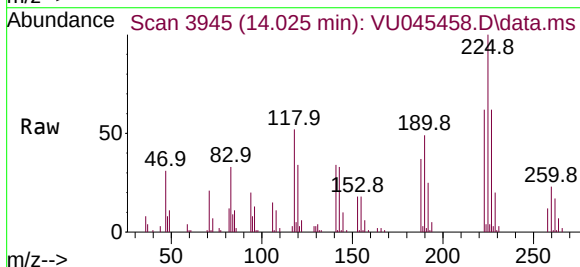
Tgt Ion:225 Resp: 28093

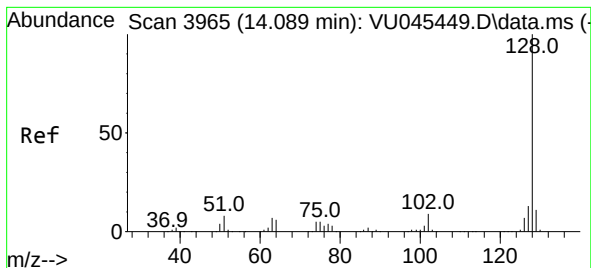
Ion Ratio Lower Upper

225 100

223 62.6 32.0 96.2

227 63.1 31.1 93.5





#95

Naphthalene

Concen: 20.810 ug/l

RT: 14.089 min Scan# 3965

Delta R.T. -0.000 min

Lab File: VU045458.D

Acq: 29 Oct 2021 13:03

Instrument :

MSVOA_U

ClientSampleId :

VU1029MBS01

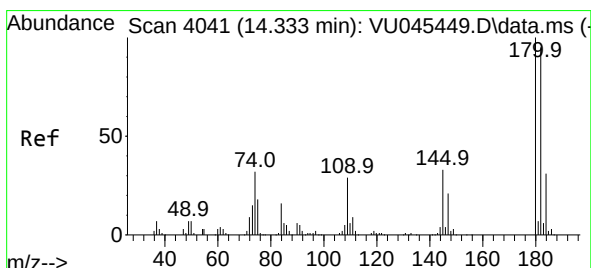
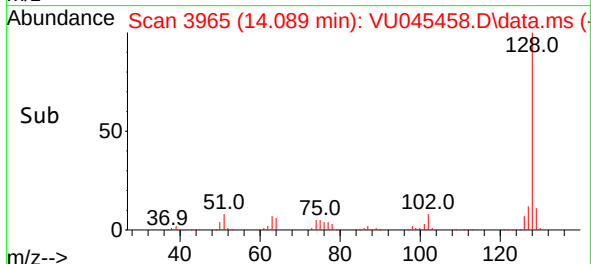
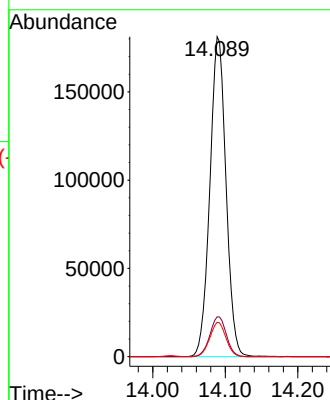
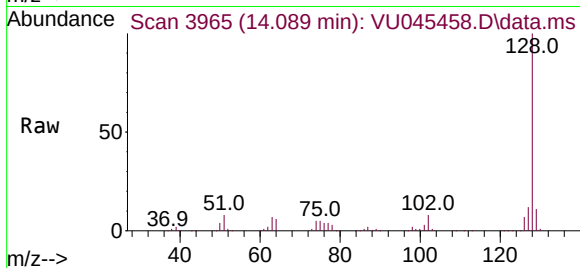
Tgt Ion:128 Resp: 279769

Ion Ratio Lower Upper

128 100

127 12.7 10.6 15.8

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.949 ug/l

RT: 14.333 min Scan# 4041

Delta R.T. 0.000 min

Lab File: VU045458.D

Acq: 29 Oct 2021 13:03

Tgt Ion:180 Resp: 75445

Ion Ratio Lower Upper

180 100

182 93.7 47.7 143.1

145 33.2 16.7 50.0

