

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102921\
 Data File : VU045457.D
 Acq On : 29 Oct 2021 12:27
 Operator : SY/MD
 Sample : VU1029WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1029WBS01

Quant Time: Oct 30 04:03:45 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	198775	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	373309	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	348848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	169130	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	168237	51.987	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.980%	
35) Dibromofluoromethane	5.295	113	120994	50.973	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.940%	
50) Toluene-d8	7.899	98	480941	51.669	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.340%	
62) 4-Bromofluorobenzene	10.636	95	181726	51.235	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.460%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	58950	20.469	ug/l	98
3) Chloromethane	1.520	50	80089	20.248	ug/l	99
4) Vinyl Chloride	1.607	62	70698	21.531	ug/l	99
5) Bromomethane	1.861	94	44742	22.446	ug/l	99
6) Chloroethane	1.935	64	43339	21.907	ug/l	98
7) Trichlorofluoromethane	2.141	101	78770	21.426	ug/l	97
8) Diethyl Ether	2.379	74	36430	21.373	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.584	101	48165	21.807	ug/l	99
10) Methyl Iodide	2.726	142	34894	22.664	ug/l	100
11) Tert butyl alcohol	3.221	59	77775	111.342	ug/l	99
12) 1,1-Dichloroethene	2.584	96	47977	21.126	ug/l	99
13) Acrolein	2.494	56	14330	91.659	ug/l	98
14) Allyl chloride	2.928	41	89838	21.544	ug/l	99
15) Acrylonitrile	3.321	53	182543	107.786	ug/l	100
16) Acetone	2.642	43	186749	127.114	ug/l	99
17) Carbon Disulfide	2.800	76	139839	21.159	ug/l	99
18) Methyl Acetate	2.954	43	117437	21.466	ug/l	98
19) Methyl tert-butyl Ether	3.366	73	178084	21.313	ug/l	99
20) Methylene Chloride	3.051	84	59508	20.327	ug/l	98
21) trans-1,2-Dichloroethene	3.359	96	52038	21.264	ug/l	97
22) Diisopropyl ether	3.996	45	177621	21.782	ug/l	97
23) Vinyl Acetate	3.961	43	690741	109.200	ug/l	100
24) 1,1-Dichloroethane	3.874	63	103355	21.629	ug/l	99
25) 2-Butanone	4.710	43	259657	117.075	ug/l	100
26) 2,2-Dichloropropane	4.671	77	83679	22.604	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	60697	21.554	ug/l	97
28) Bromochloromethane	4.980	49	50339	21.357	ug/l	99
29) Tetrahydrofuran	5.057	42	156373	108.719	ug/l	99
30) Chloroform	5.092	83	99143	21.398	ug/l	99
31) Cyclohexane	5.391	56	101161	20.996	ug/l	99
32) 1,1,1-Trichloroethane	5.321	97	82300	21.643	ug/l	99
36) 1,1-Dichloropropene	5.530	75	76014	21.391	ug/l	99
37) Ethyl Acetate	4.806	43	89329	20.756	ug/l	99
38) Carbon Tetrachloride	5.530	117	65059	20.992	ug/l	98
39) Methylcyclohexane	6.768	83	93881	21.245	ug/l	98
40) Benzene	5.777	78	227835	21.299	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	49269	21.632	ug/l	98
42) 1,2-Dichloroethane	5.797	62	82619	21.029	ug/l	100
43) Isopropyl Acetate	5.912	43	138011	21.279	ug/l	99
44) Trichloroethene	6.546	130	52257	21.077	ug/l	97
45) 1,2-Dichloropropane	6.793	63	59863	21.264	ug/l	99
46) Dibromomethane	6.922	93	39189	21.379	ug/l	99
47) Bromodichloromethane	7.108	83	76595	21.232	ug/l	97
48) Methyl methacrylate	6.964	41	64092	20.849	ug/l	99
49) 1,4-Dioxane	7.015	88	32325	413.745	ug/l #	100
51) 4-Methyl-2-Pentanone	7.793	43	447689	106.796	ug/l	99
52) Toluene	7.973	92	139316	21.425	ug/l	100
53) t-1,3-Dichloropropene	8.214	75	86235	20.973	ug/l	98
54) cis-1,3-Dichloropropene	7.610	75	94665	21.498	ug/l	98
55) 1,1,2-Trichloroethane	8.404	97	55700	20.970	ug/l	100
56) Ethyl methacrylate	8.337	69	90726	19.695	ug/l	99
57) 1,3-Dichloropropane	8.578	76	99865	21.181	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.465	63	243212	99.896	ug/l	99
59) 2-Hexanone	8.687	43	355901	109.578	ug/l	99
60) Dibromochloromethane	8.812	129	52706	20.676	ug/l	100
61) 1,2-Dibromoethane	8.925	107	58182	20.913	ug/l	99
64) Tetrachloroethene	8.555	164	41871	20.998	ug/l	98
65) Chlorobenzene	9.449	112	138912	21.002	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.539	131	47135	21.122	ug/l	99
67) Ethyl Benzene	9.571	91	258036	21.297	ug/l	99
68) m/p-Xylenes	9.697	106	197259	43.131	ug/l	99
69) o-Xylene	10.102	106	95982	21.523	ug/l	99
70) Styrene	10.118	104	159991	20.000	ug/l	99
71) Bromoform	10.295	173	37087	19.630	ug/l #	98
73) Isopropylbenzene	10.488	105	249123	21.845	ug/l	100
74) N-amyl acetate	10.320	43	111397	19.552	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	96911	21.411	ug/l	99
76) 1,2,3-Trichloropropane	10.828	75	111619	24.770	ug/l	92
77) Bromobenzene	10.783	156	57354	21.554	ug/l	98
78) n-propylbenzene	10.909	91	306655	22.179	ug/l	100
79) 2-Chlorotoluene	10.989	91	181908	21.858	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	213432	22.241	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	29973	20.295	ug/l	97
82) 4-Chlorotoluene	11.099	91	210850	22.280	ug/l	100
83) tert-Butylbenzene	11.423	119	202832	21.897	ug/l	99
84) 1,2,4-Trimethylbenzene	11.472	105	212231	22.073	ug/l	99
85) sec-Butylbenzene	11.645	105	267102	21.974	ug/l	100
86) p-Isopropyltoluene	11.796	119	219813	20.524	ug/l	100
87) 1,3-Dichlorobenzene	11.748	146	110902	21.114	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	112187	20.887	ug/l	100
89) n-Butylbenzene	12.211	91	209983	20.487	ug/l	100
90) Hexachloroethane	12.478	117	36893	21.264	ug/l	99
91) 1,2-Dichlorobenzene	12.214	146	109967	20.932	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	23428	21.550	ug/l	94
93) 1,2,4-Trichlorobenzene	13.841	180	73781	20.972	ug/l	99
94) Hexachlorobutadiene	14.024	225	28876	22.543	ug/l	96
95) Naphthalene	14.089	128	278312	20.070	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	76203	21.489	ug/l	99

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QLast Update : Fri Oct 29 11:09:42 2021
Response via : Initial Calibration

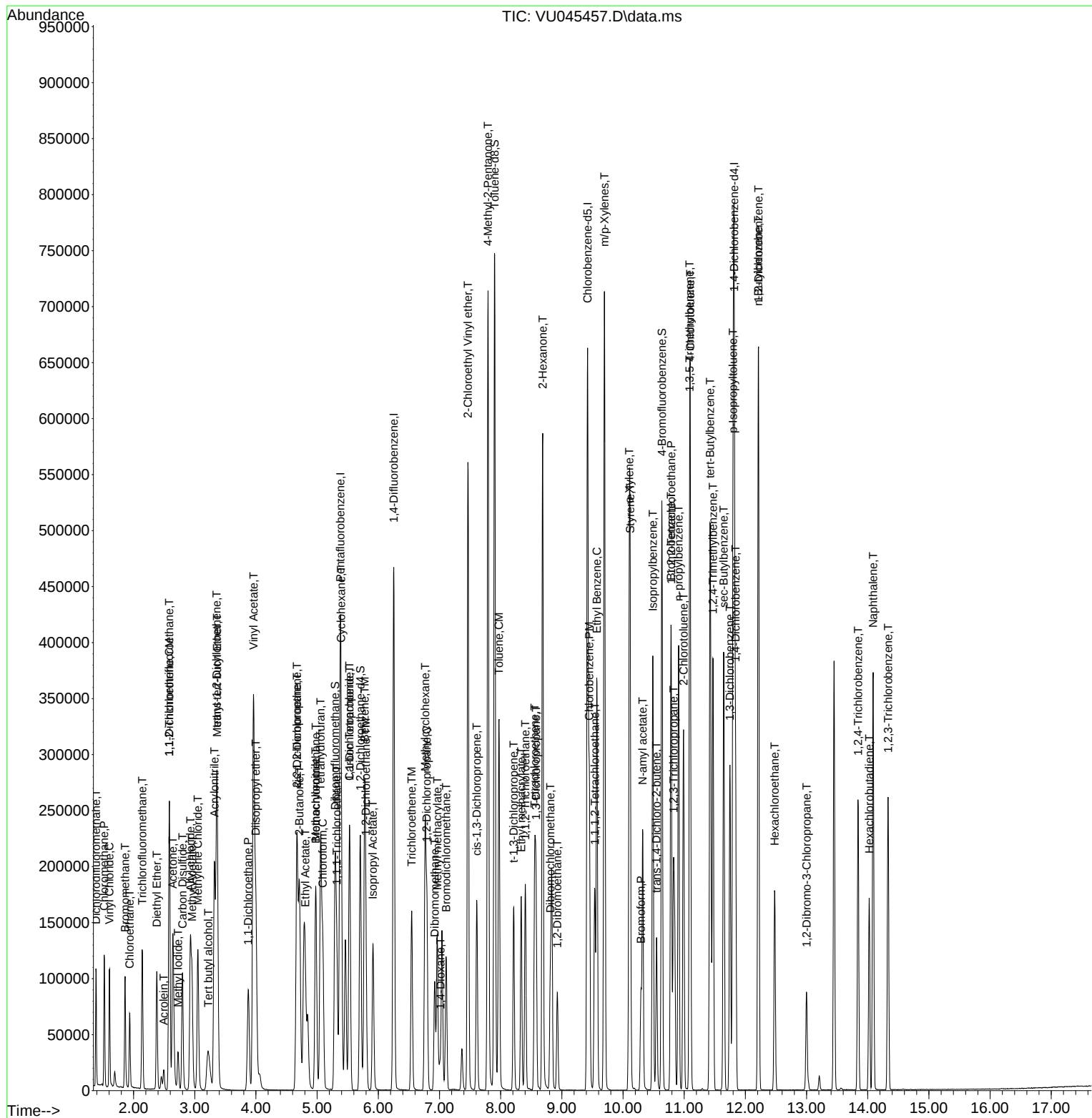
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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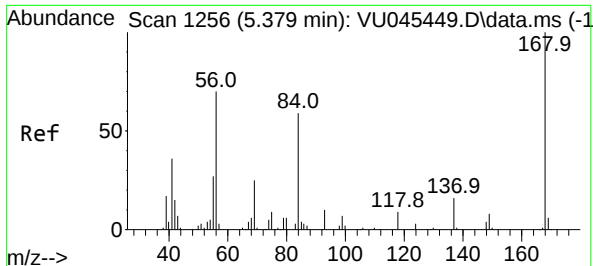
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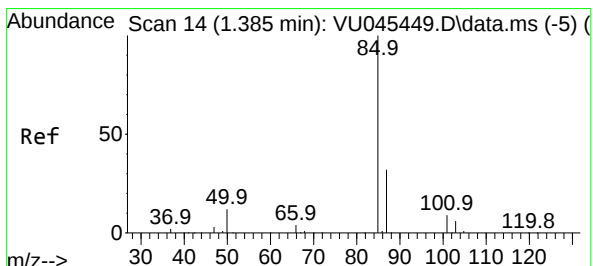
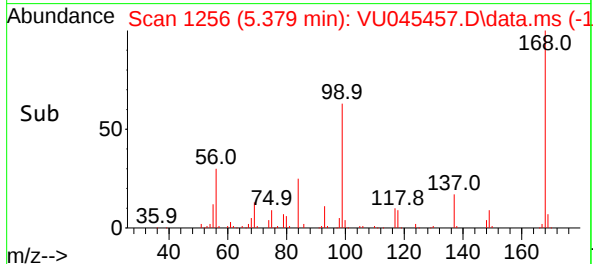
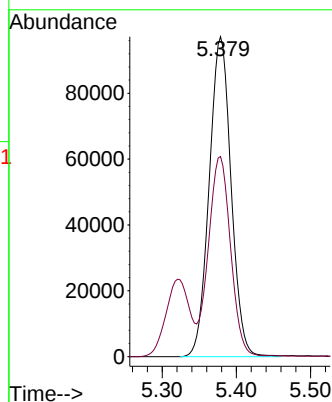
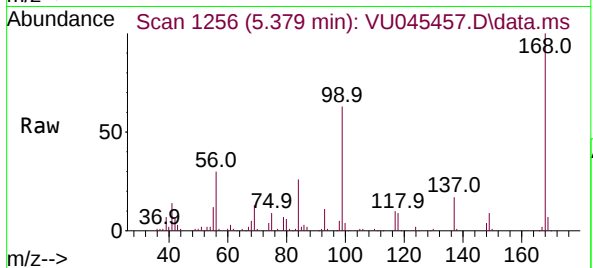




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045457.D
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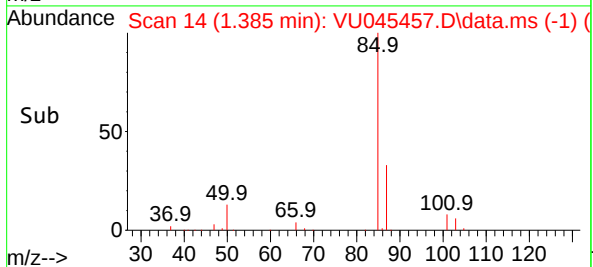
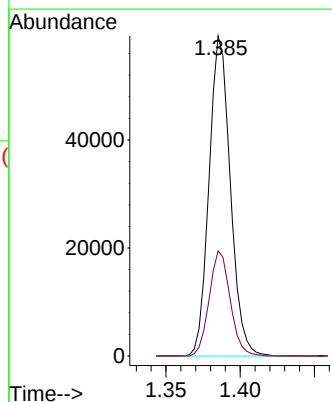
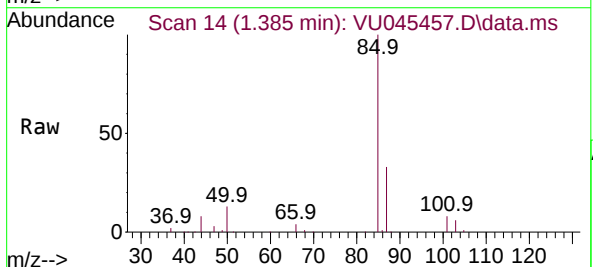
Instrument :
MSVOA_U
ClientSampleId :
VU1029WBS01

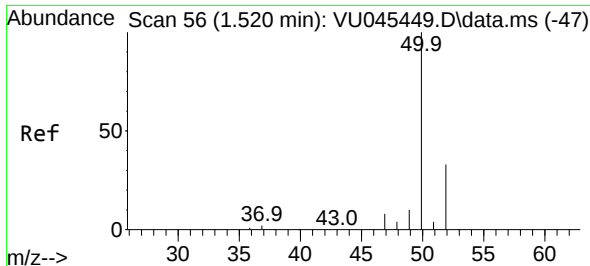
Tgt Ion:168 Resp: 198775
Ion Ratio Lower Upper
168 100
99 62.3 51.0 76.6



#2
Dichlorodifluoromethane
Concen: 20.469 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

Tgt Ion: 85 Resp: 58950
Ion Ratio Lower Upper
85 100
87 32.8 15.9 47.7

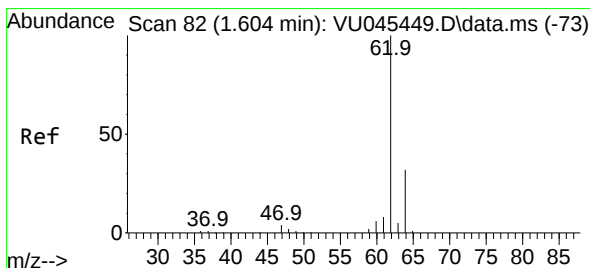
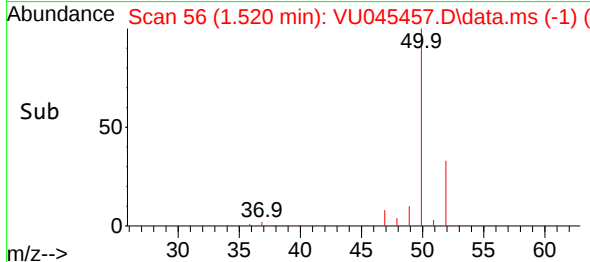
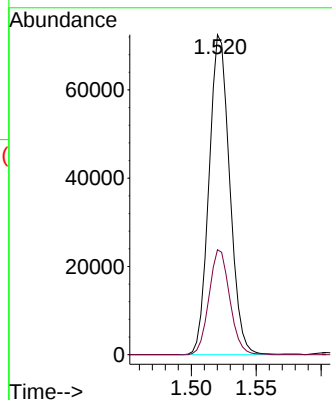
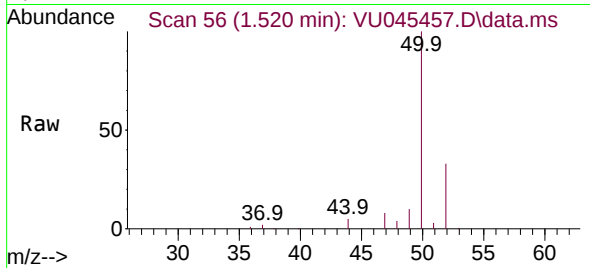




#3
Chloromethane
Concen: 20.248 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

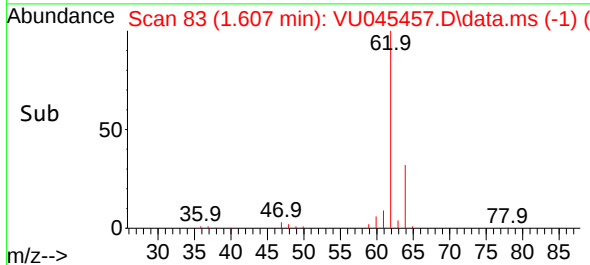
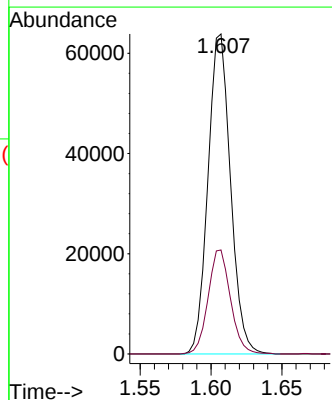
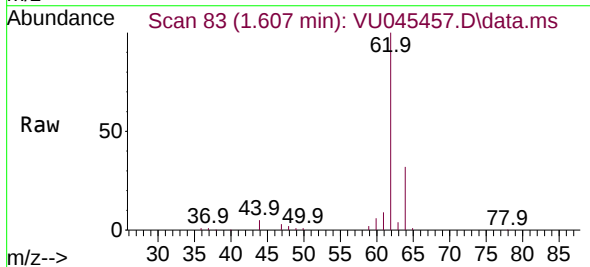
Instrument :
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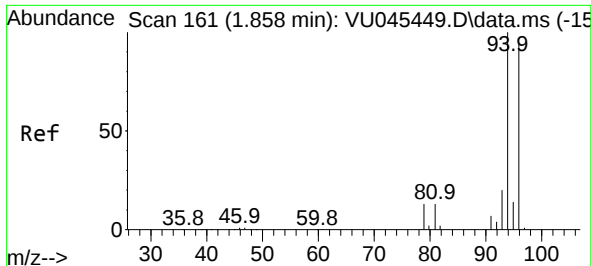
Tgt Ion: 50 Resp: 80089
Ion Ratio Lower Upper
50 100
52 32.8 26.6 40.0



#4
Vinyl Chloride
Concen: 21.531 ug/l
RT: 1.607 min Scan# 83
Delta R.T. 0.003 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

Tgt Ion: 62 Resp: 70698
Ion Ratio Lower Upper
62 100
64 32.5 25.8 38.6

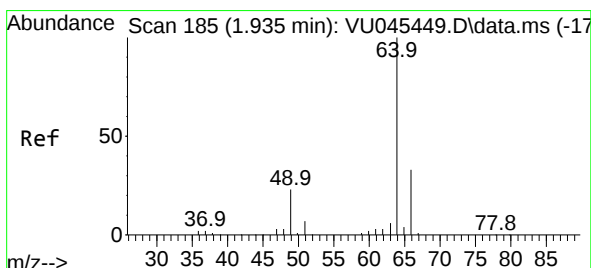
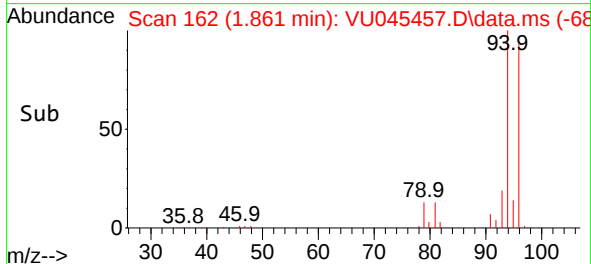
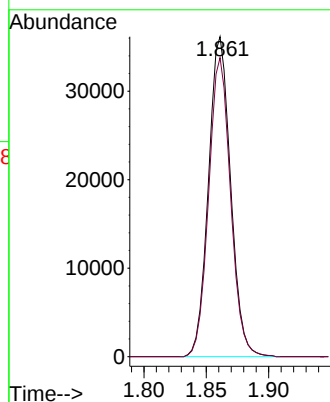
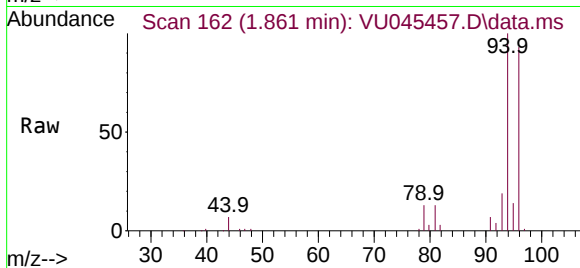




#5
Bromomethane
Concen: 22.446 ug/l
RT: 1.861 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

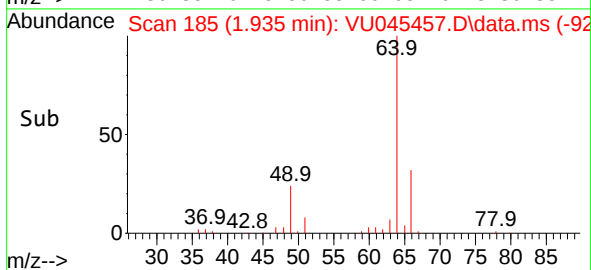
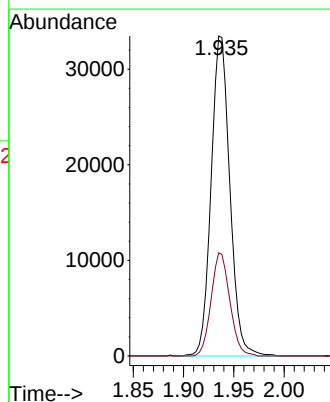
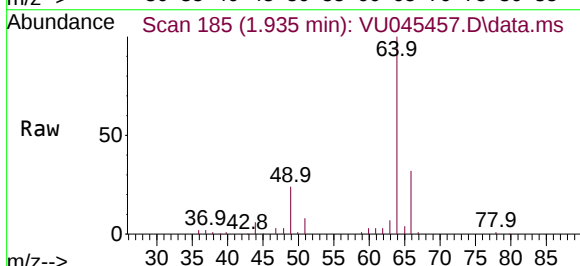
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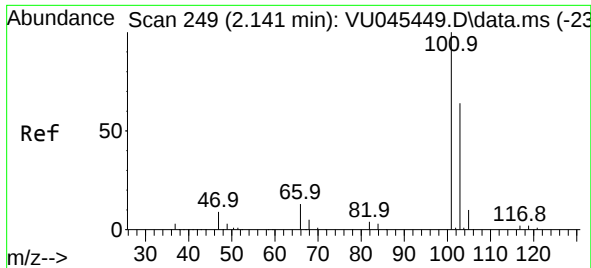
Tgt Ion: 94 Resp: 44742
Ion Ratio Lower Upper
94 100
96 93.5 75.4 113.2



#6
Chloroethane
Concen: 21.907 ug/l
RT: 1.935 min Scan# 185
Delta R.T. -0.000 min
Lab File: VU045457.D
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Tgt Ion: 64 Resp: 43339
Ion Ratio Lower Upper
64 100
66 32.3 26.7 40.1

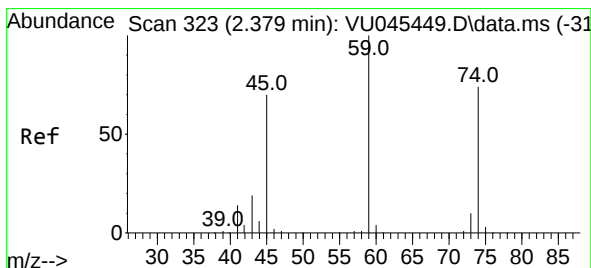
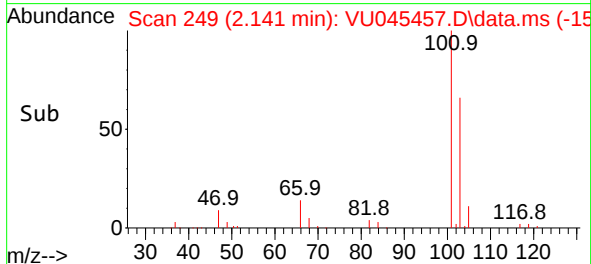
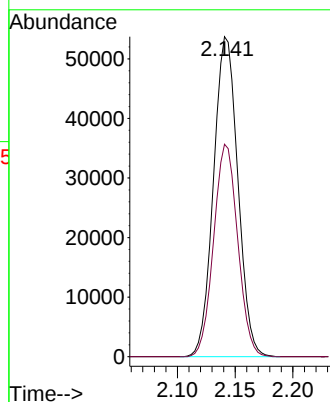
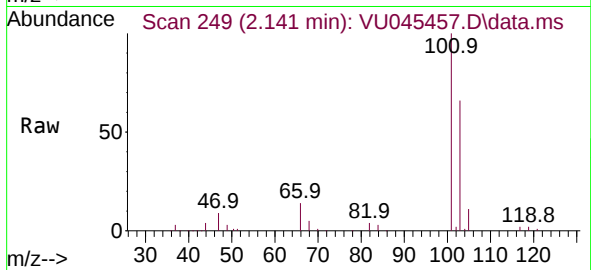




#7
 Trichlorofluoromethane
 Concen: 21.426 ug/l
 RT: 2.141 min Scan# 249
 Delta R.T. 0.000 min
 Lab File: VU045457.D
 Acq: 29 Oct 2021 12:27

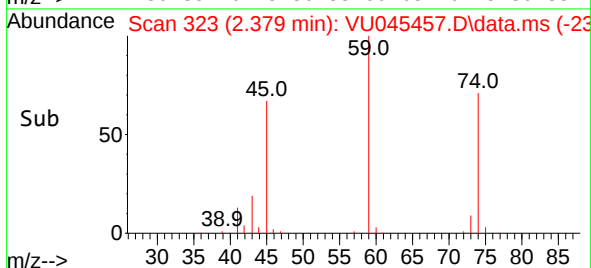
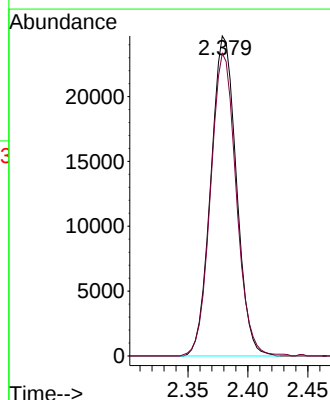
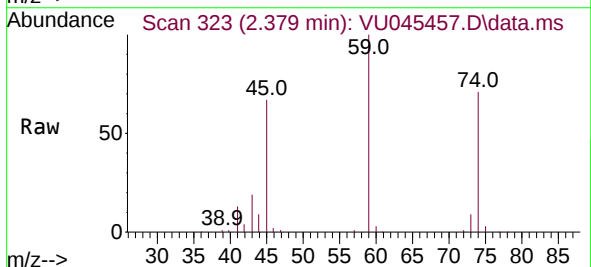
Instrument :
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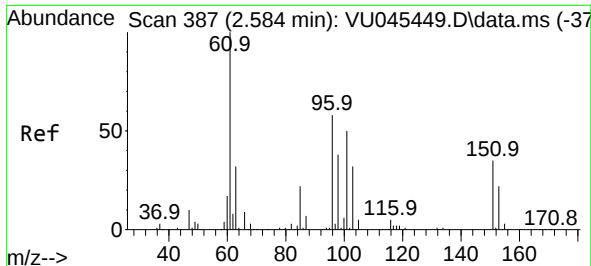
Tgt Ion:101 Resp: 78770
 Ion Ratio Lower Upper
 101 100
 103 66.4 51.4 77.0



#8
 Diethyl Ether
 Concen: 21.373 ug/l
 RT: 2.379 min Scan# 323
 Delta R.T. 0.000 min
 Lab File: VU045457.D
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Tgt Ion: 74 Resp: 36430
 Ion Ratio Lower Upper
 74 100
 45 95.2 47.3 141.8

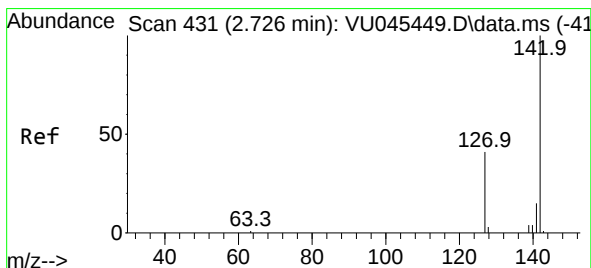
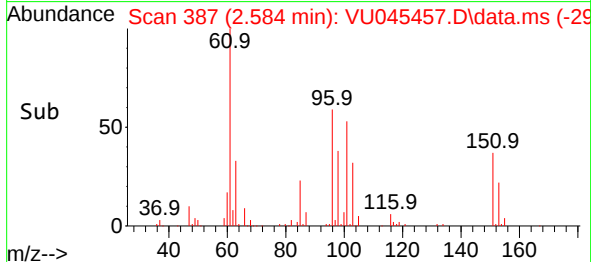
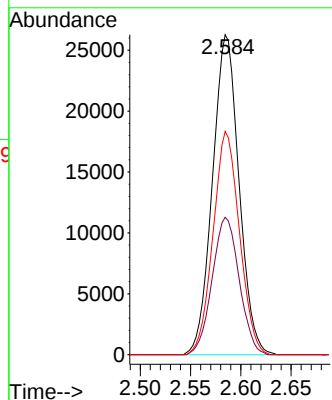
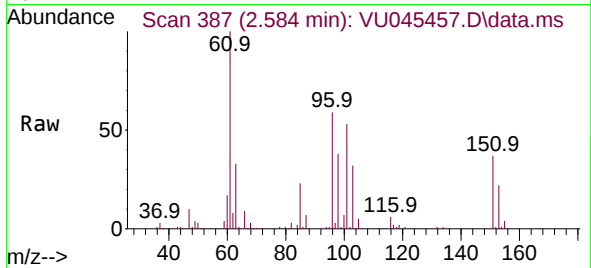




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.807 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

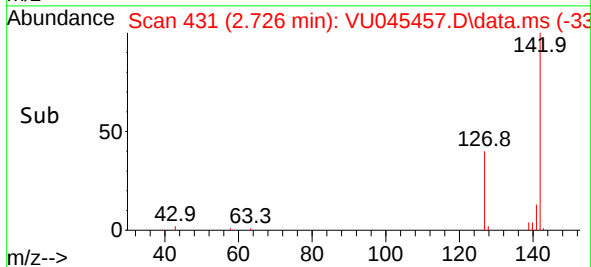
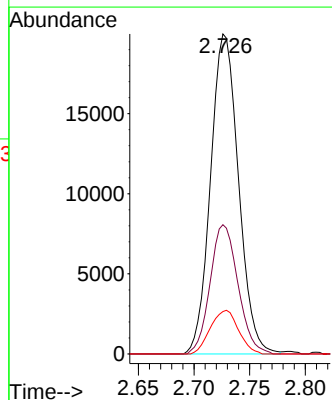
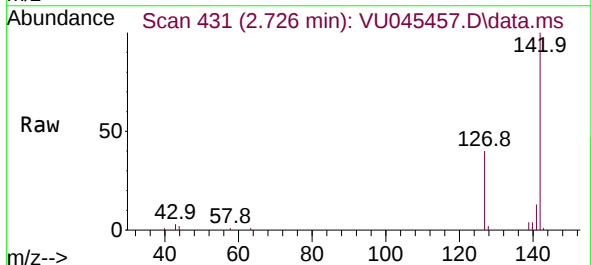
Instrument :
MSVOA_U
ClientSampleId :
VU1029WBS01

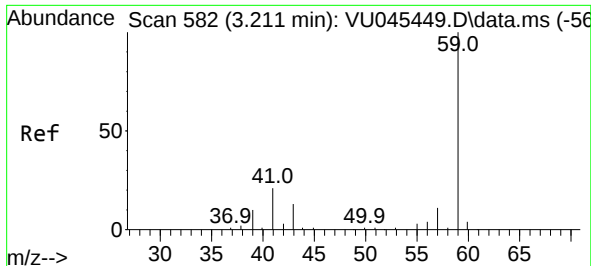
Tgt Ion:101 Resp: 48165
Ion Ratio Lower Upper
101 100
85 43.7 35.0 52.4
151 69.4 54.6 82.0



#10
Methyl Iodide
Concen: 22.664 ug/l
RT: 2.726 min Scan# 431
Delta R.T. -0.000 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

Tgt Ion:142 Resp: 34894
Ion Ratio Lower Upper
142 100
127 40.2 32.2 48.2
141 13.7 11.3 16.9

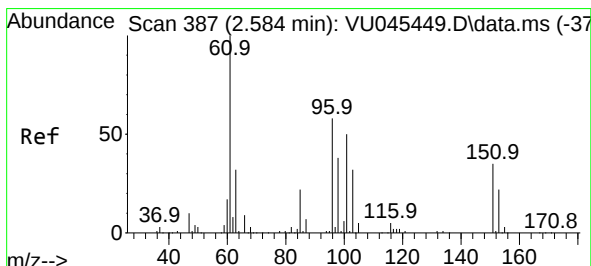
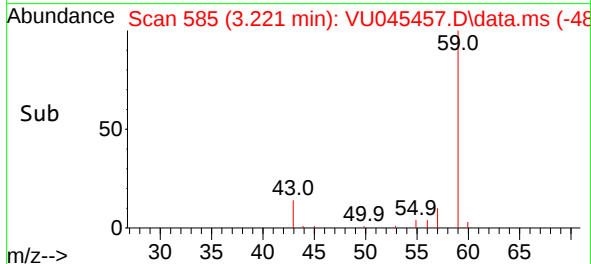
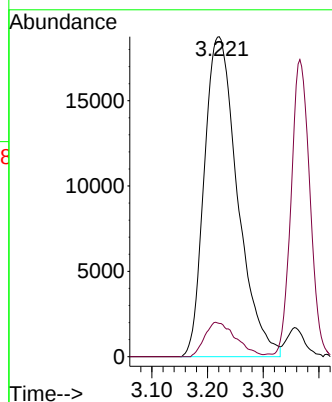
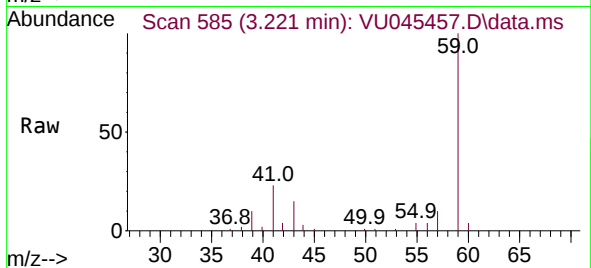




#11
Tert butyl alcohol
Concen: 111.342 ug/l
RT: 3.221 min Scan# 582
Delta R.T. 0.010 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

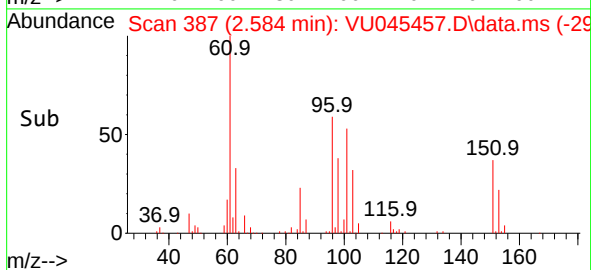
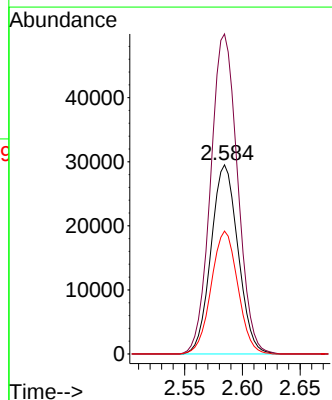
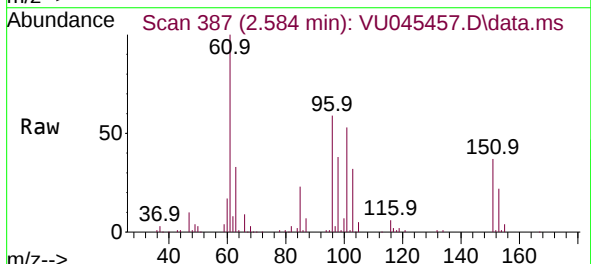
Instrument :
MSVOA_U
ClientSampleId :
VU1029WBS01

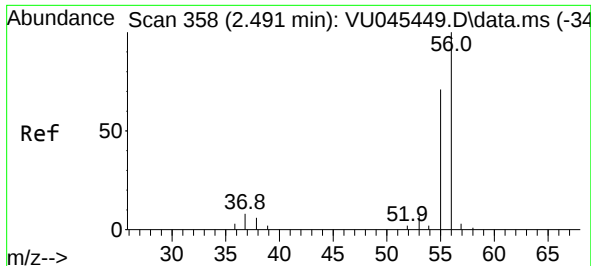
Tgt Ion: 59 Resp: 77775
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5



#12
1,1-Dichloroethene
Concen: 21.126 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

Tgt Ion: 96 Resp: 47977
Ion Ratio Lower Upper
96 100
61 169.2 137.1 205.7
98 64.9 51.5 77.3





#13

Acrolein

Concen: 91.659 ug/l

RT: 2.494 min Scan# 358

Delta R.T. 0.003 min

Lab File: VU045457.D

Acq: 29 Oct 2021 12:27

Instrument :

MSVOA_U

ClientSampleId :

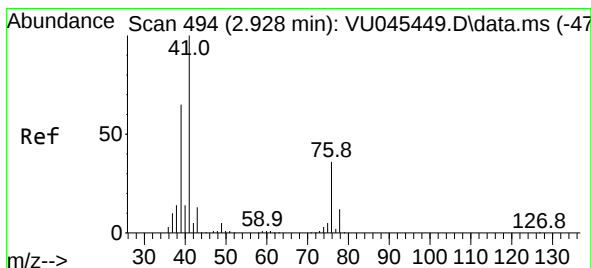
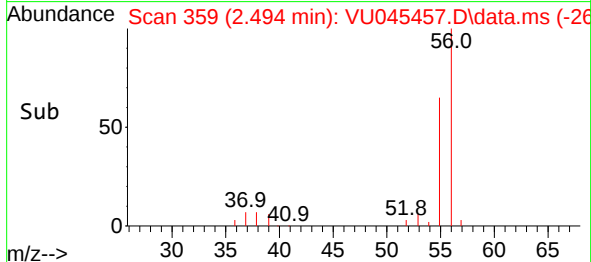
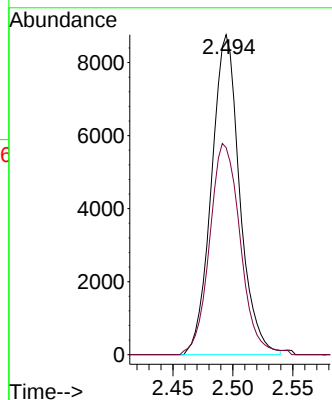
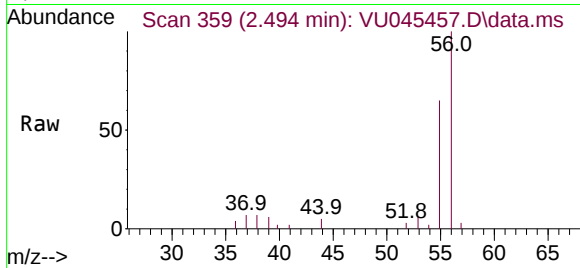
VU1029WBS01

Tgt Ion: 56 Resp: 14330

Ion Ratio Lower Upper

56 100

55 71.8 56.3 84.5



#14

Allyl chloride

Concen: 21.544 ug/l

RT: 2.928 min Scan# 494

Delta R.T. 0.000 min

Lab File: VU045457.D

Acq: 29 Oct 2021 12:27

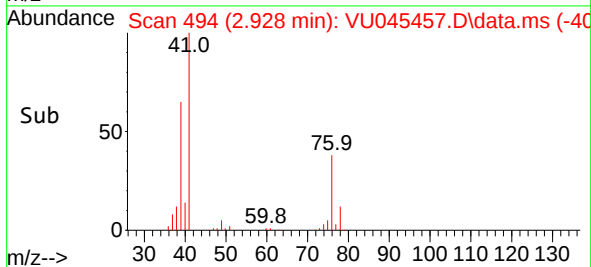
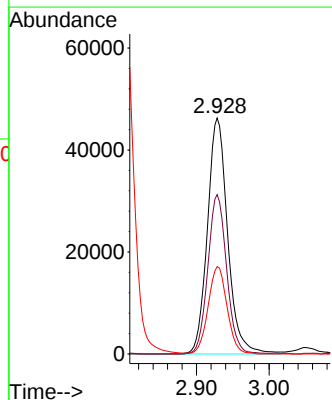
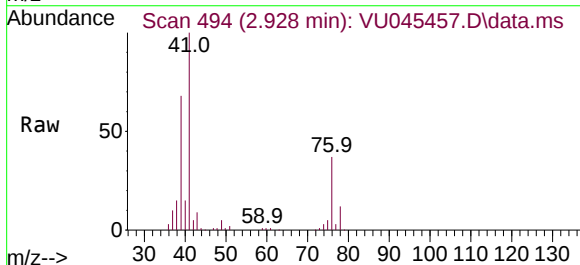
Tgt Ion: 41 Resp: 89838

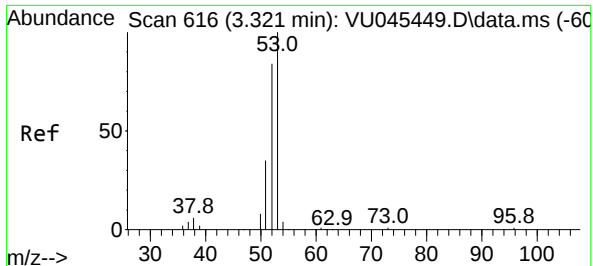
Ion Ratio Lower Upper

41 100

39 62.7 49.7 74.5

76 34.6 27.7 41.5

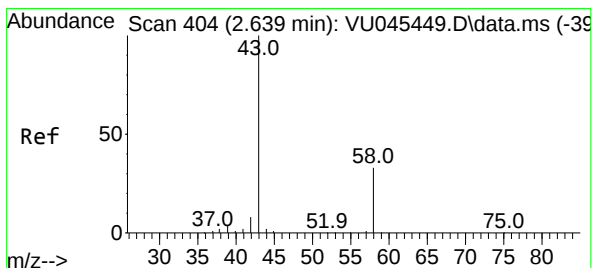
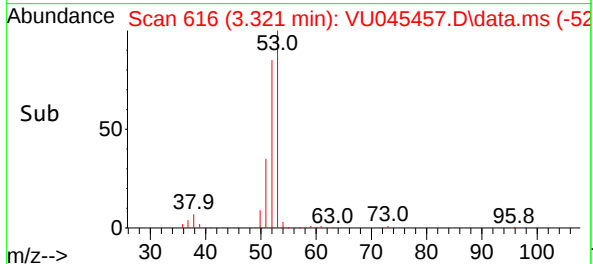
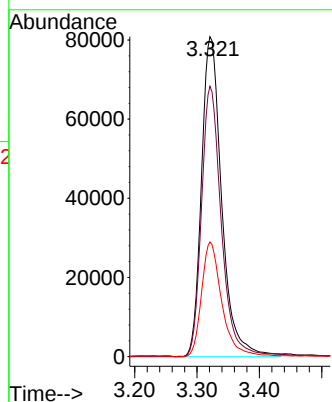
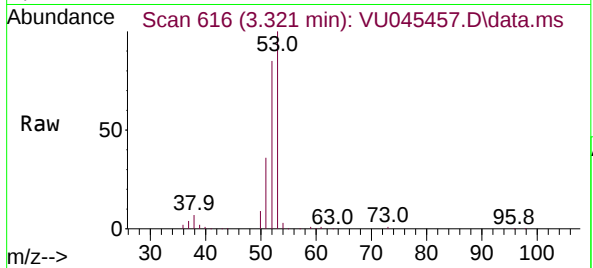




#15
Acrylonitrile
Concen: 107.786 ug/l
RT: 3.321 min Scan# 616
Delta R.T. 0.000 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

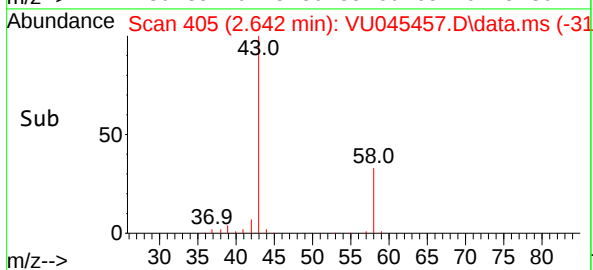
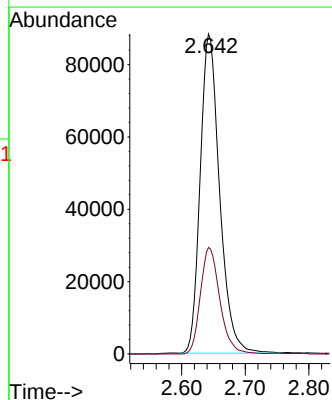
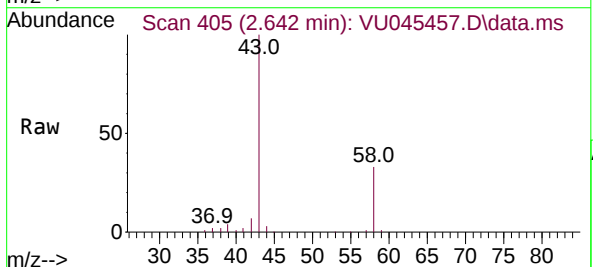
Instrument :
MSVOA_U
ClientSampleId :
VU1029WBS01

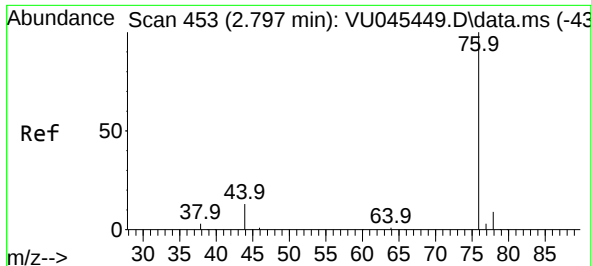
Tgt Ion: 53 Resp: 182543
Ion Ratio Lower Upper
53 100
52 83.3 66.6 100.0
51 36.2 28.4 42.6



#16
Acetone
Concen: 127.114 ug/l
RT: 2.642 min Scan# 405
Delta R.T. 0.003 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

Tgt Ion: 43 Resp: 186749
Ion Ratio Lower Upper
43 100
58 33.4 26.2 39.2

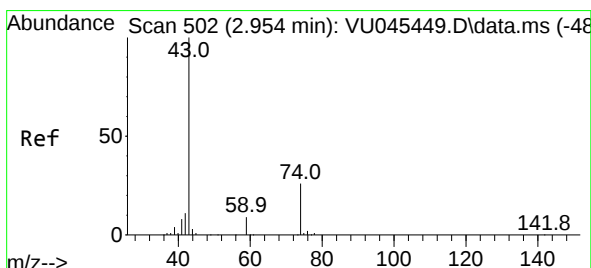
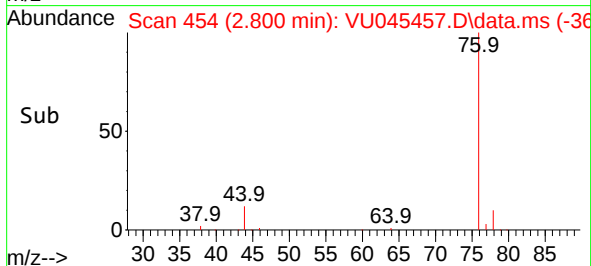
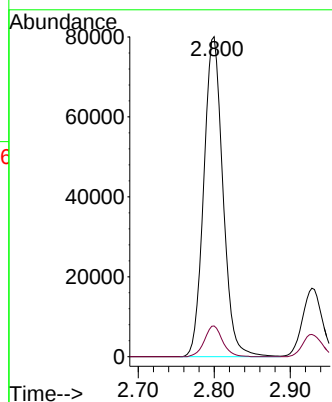
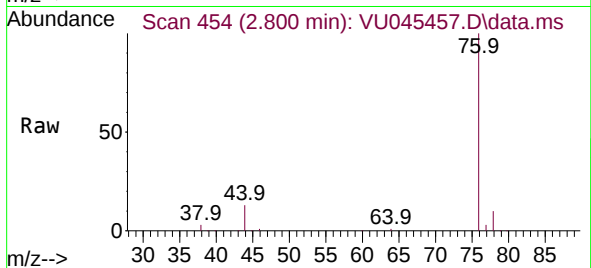




#17
Carbon Disulfide
Concen: 21.159 ug/l
RT: 2.800 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

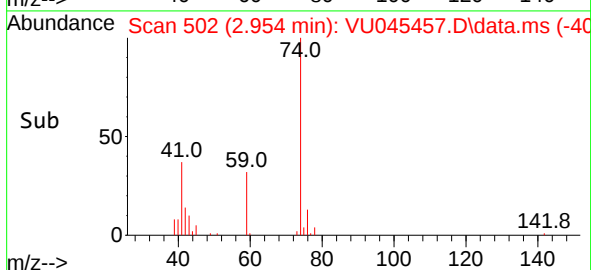
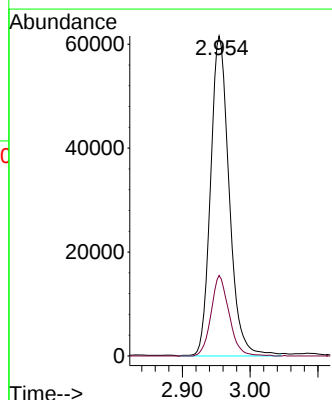
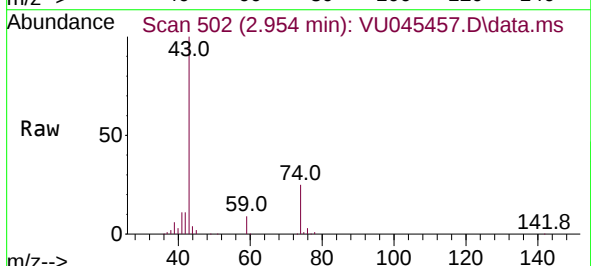
Instrument :
MSVOA_U
ClientSampleId :
VU1029WBS01

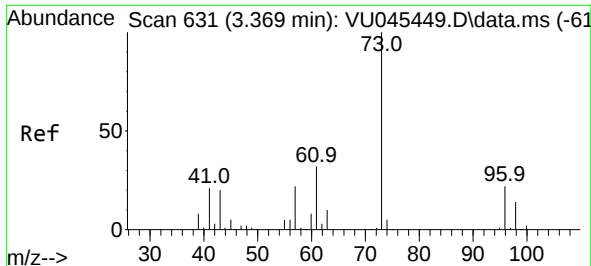
Tgt Ion: 76 Resp: 139839
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9



#18
Methyl Acetate
Concen: 21.466 ug/l
RT: 2.954 min Scan# 502
Delta R.T. 0.000 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

Tgt Ion: 43 Resp: 117437
Ion Ratio Lower Upper
43 100
74 24.3 20.2 30.2

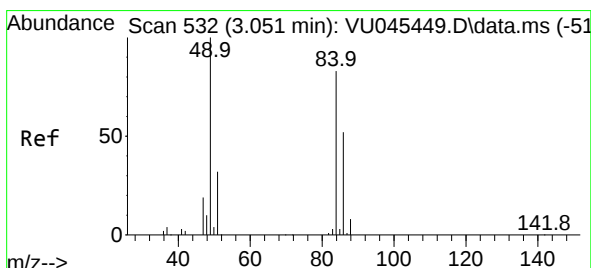
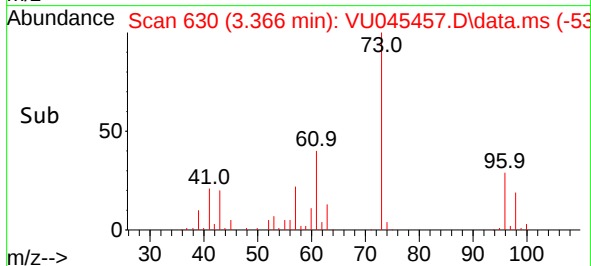
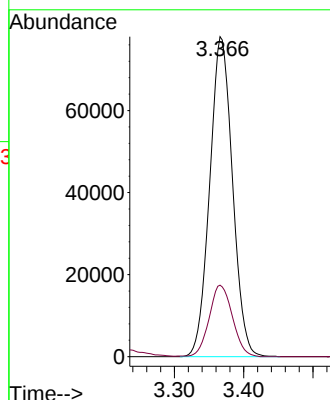
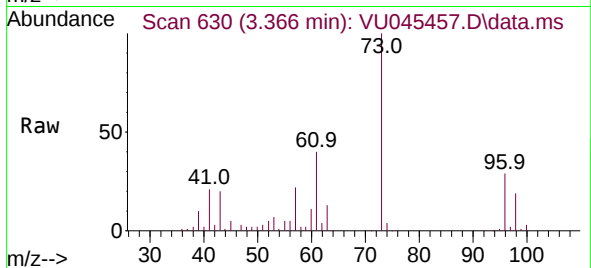




#19
Methyl tert-butyl Ether
Concen: 21.313 ug/l
RT: 3.366 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

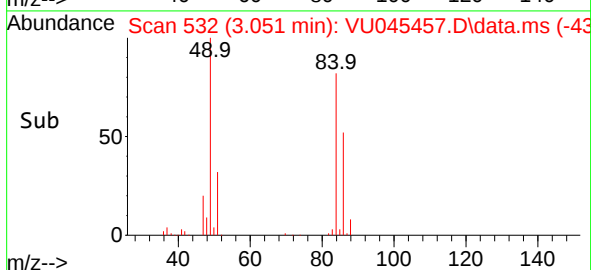
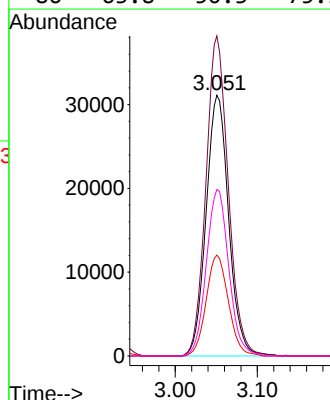
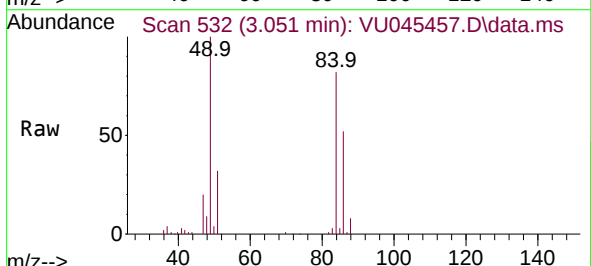
Instrument :
MSVOA_U
ClientSampleId :
VU1029WBS01

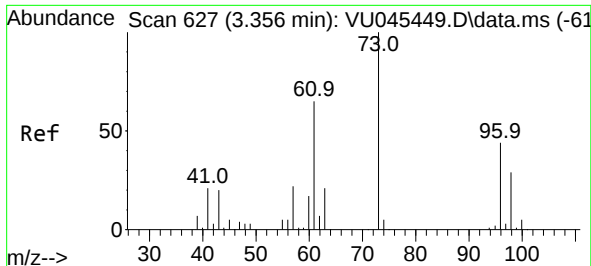
Tgt Ion: 73 Resp: 178084
Ion Ratio Lower Upper
73 100
57 22.3 18.1 27.1



#20
Methylene Chloride
Concen: 20.327 ug/l
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

Tgt Ion: 84 Resp: 59508
Ion Ratio Lower Upper
84 100
49 122.7 96.4 144.6
51 38.6 30.5 45.7
86 63.8 50.3 75.5

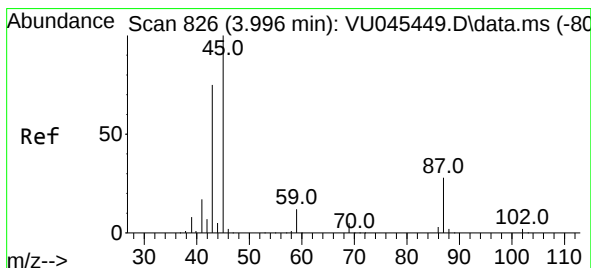
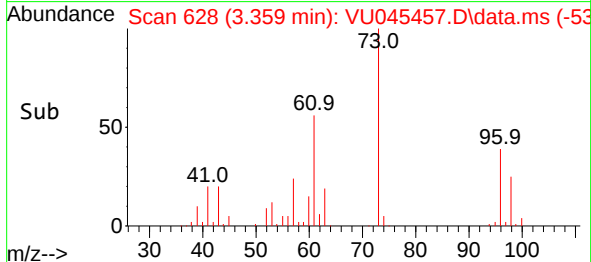
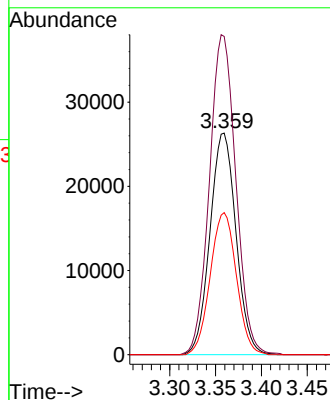
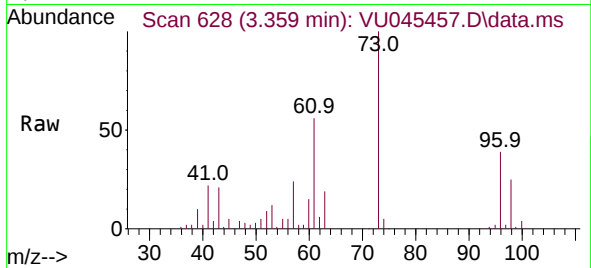




#21
trans-1,2-Dichloroethene
Concen: 21.264 ug/l
RT: 3.359 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

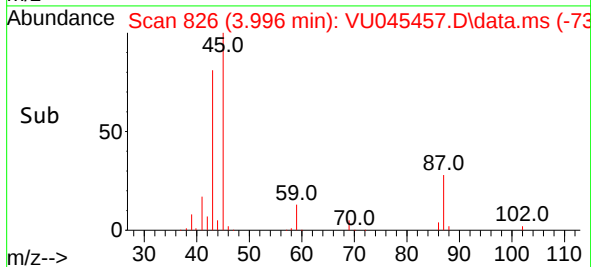
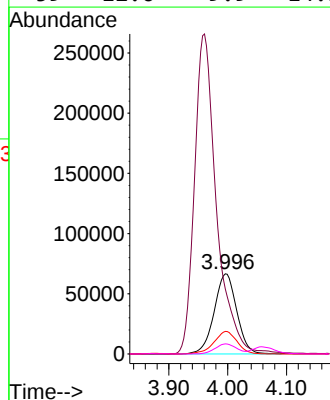
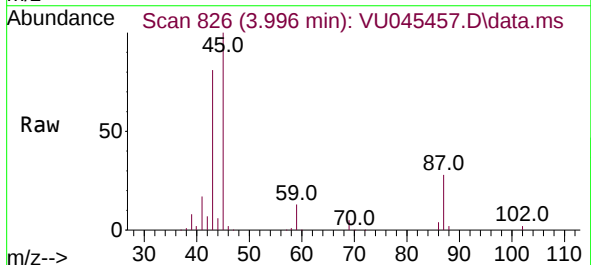
Instrument :
MSVOA_U
ClientSampleId :
VU1029WBS01

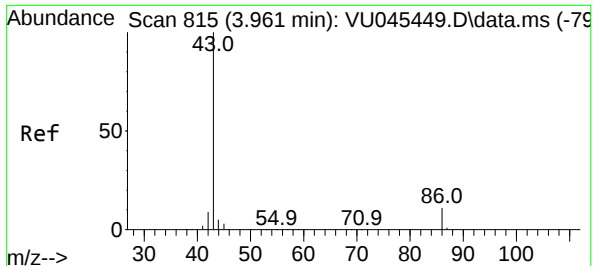
Tgt Ion: 96 Resp: 52038
Ion Ratio Lower Upper
96 100
61 143.6 118.2 177.4
98 64.1 52.1 78.1



#22
Diisopropyl ether
Concen: 21.782 ug/l
RT: 3.996 min Scan# 826
Delta R.T. 0.000 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

Tgt Ion: 45 Resp: 177621
Ion Ratio Lower Upper
45 100
43 79.1 60.0 90.0
87 28.1 22.3 33.5
59 12.6 9.9 14.9

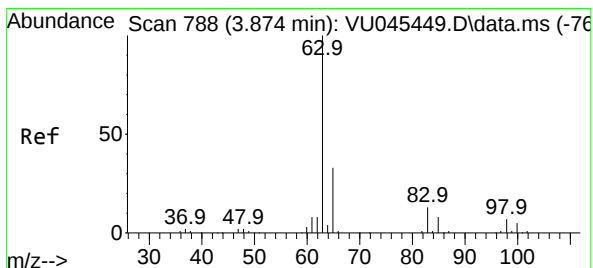
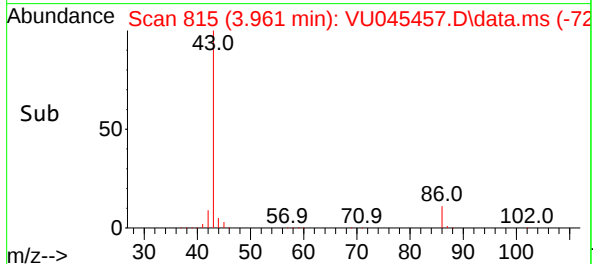
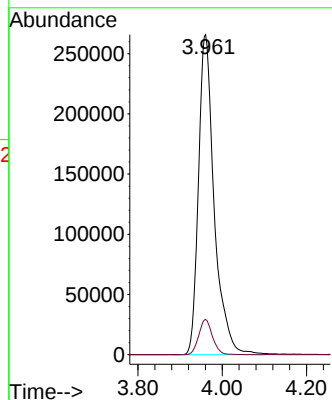
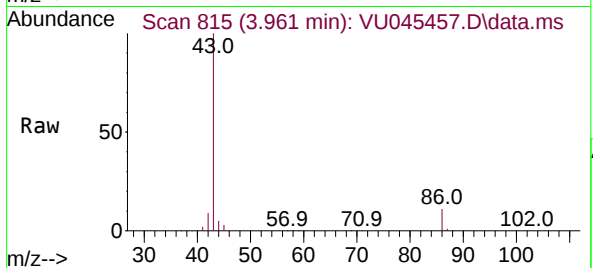




#23
 Vinyl Acetate
 Concen: 109.200 ug/l
 RT: 3.961 min Scan# 815
 Delta R.T. 0.000 min
 Lab File: VU045457.D
 Acq: 29 Oct 2021 12:27

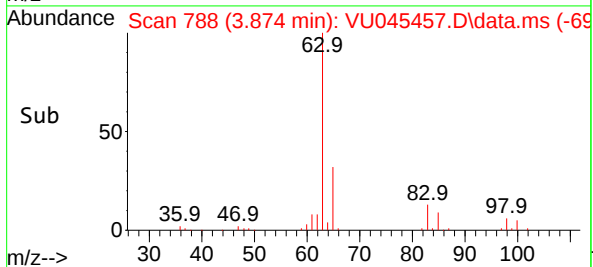
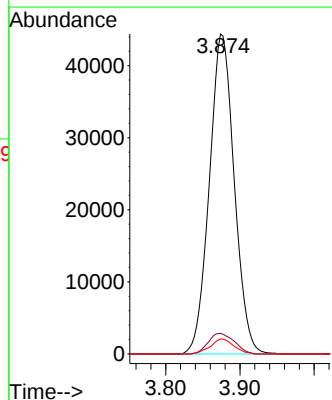
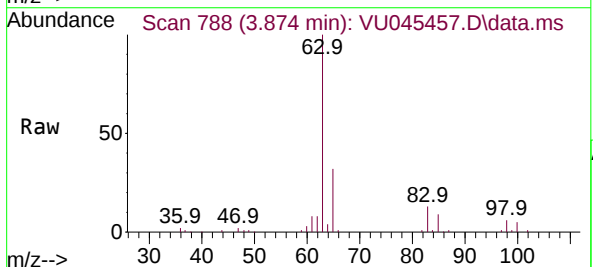
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1029WBS01

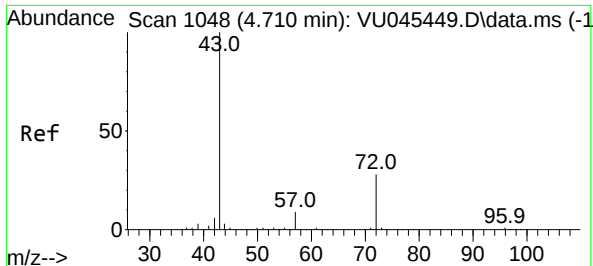
Tgt Ion: 43 Resp: 690741
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 21.629 ug/l
 RT: 3.874 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VU045457.D
 Acq: 29 Oct 2021 12:27

Tgt Ion: 63 Resp: 103355
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.5 10.6
 100 4.7 2.4 7.2





#25

2-Butanone

Concen: 117.075 ug/l

RT: 4.710 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VU045457.D

Acq: 29 Oct 2021 12:27

Instrument :

MSVOA_U

ClientSampleId :

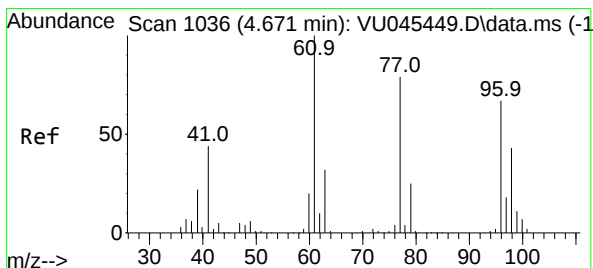
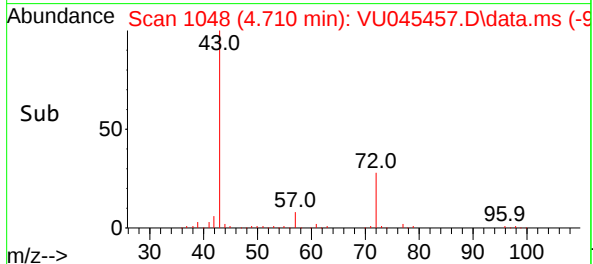
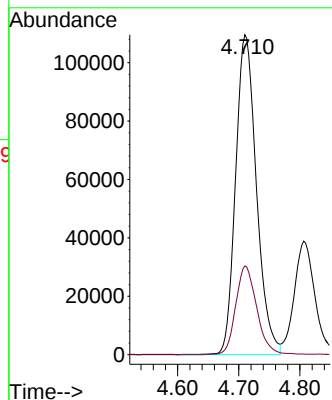
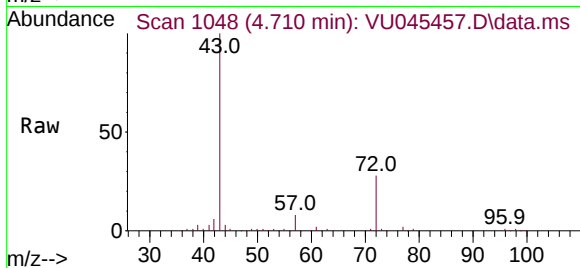
VU1029WBS01

Tgt Ion: 43 Resp: 259657

Ion Ratio Lower Upper

43 100

72 27.8 22.0 33.0



#26

2,2-Dichloropropane

Concen: 22.604 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU045457.D

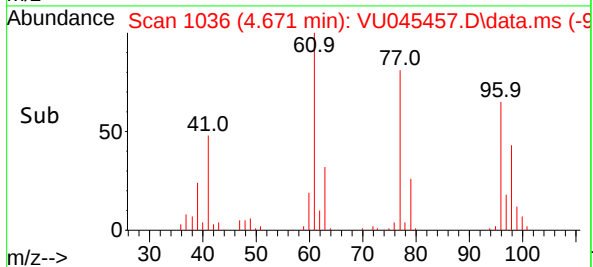
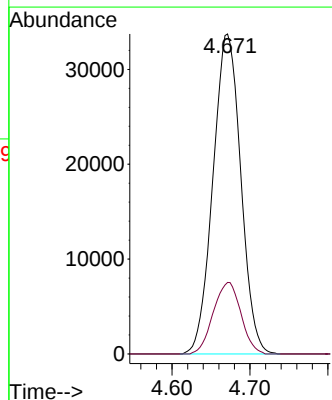
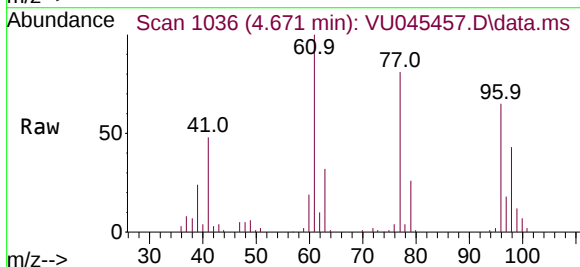
Acq: 29 Oct 2021 12:27

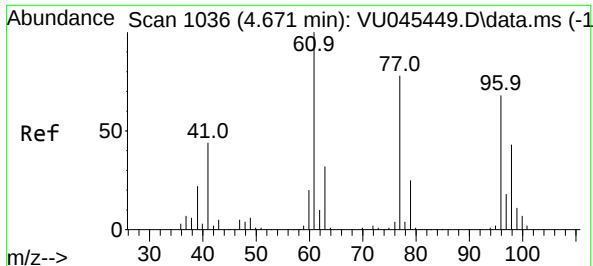
Tgt Ion: 77 Resp: 83679

Ion Ratio Lower Upper

77 100

97 22.2 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 21.554 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU045457.D

Acq: 29 Oct 2021 12:27

Instrument :

MSVOA_U

ClientSampleId :

VU1029WBS01

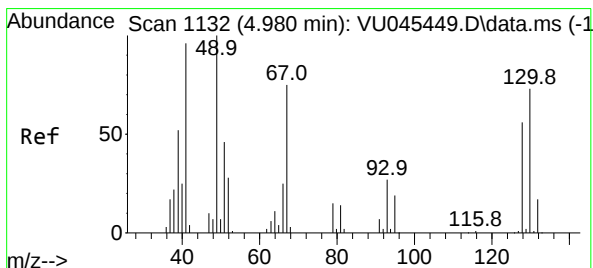
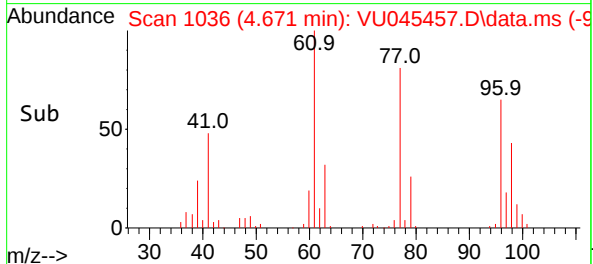
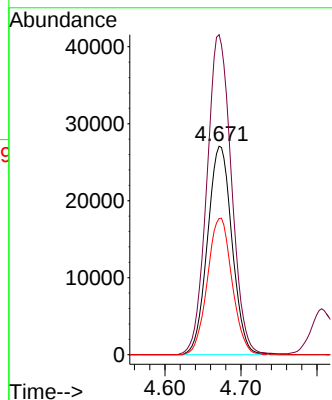
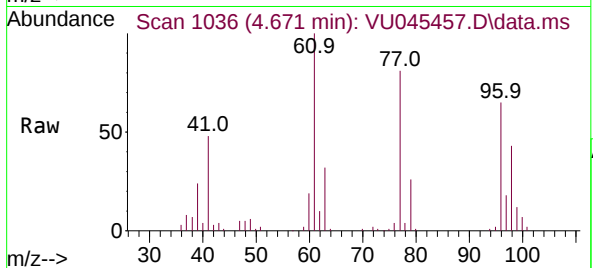
Tgt Ion: 96 Resp: 60697

Ion Ratio Lower Upper

96 100

61 154.0 0.0 299.2

98 65.5 0.0 127.6



#28

Bromochloromethane

Concen: 21.357 ug/l

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU045457.D

Acq: 29 Oct 2021 12:27

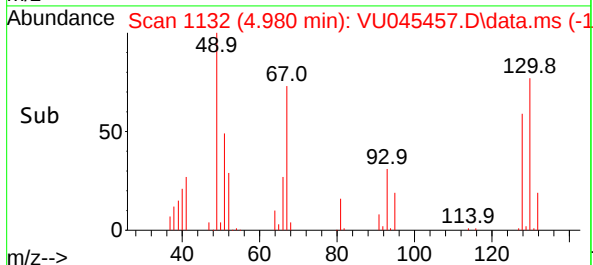
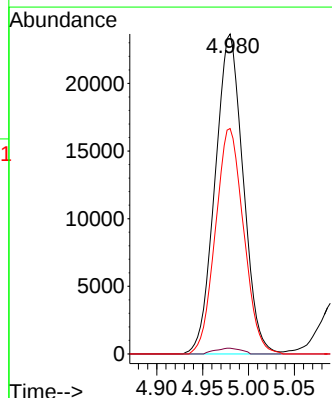
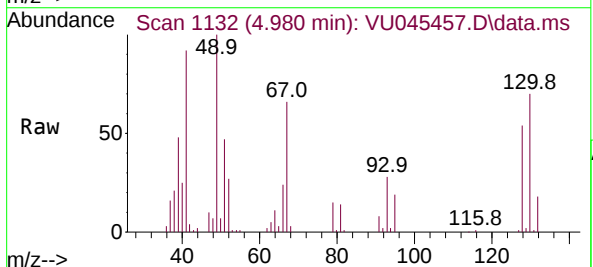
Tgt Ion: 49 Resp: 50339

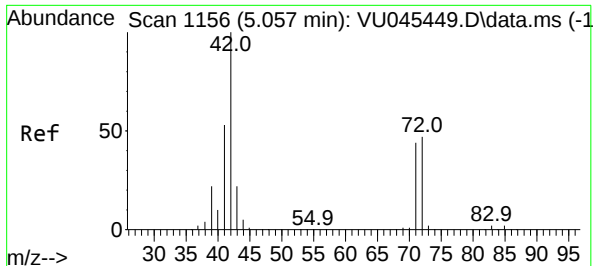
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.4

130 70.8 57.5 86.3





#29

Tetrahydrofuran

Concen: 108.719 ug/l

RT: 5.057 min Scan# 1156

Delta R.T. 0.000 min

Lab File: VU045457.D

Acq: 29 Oct 2021 12:27

Instrument :

MSVOA_U

ClientSampleId :

VU1029WBS01

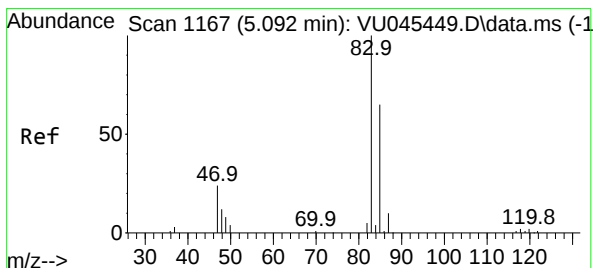
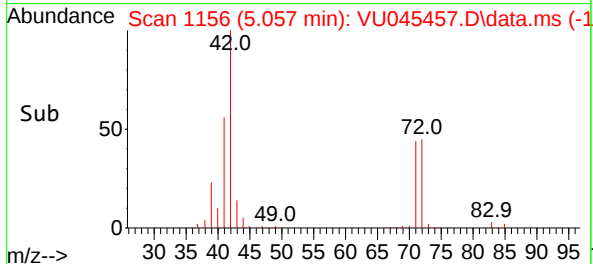
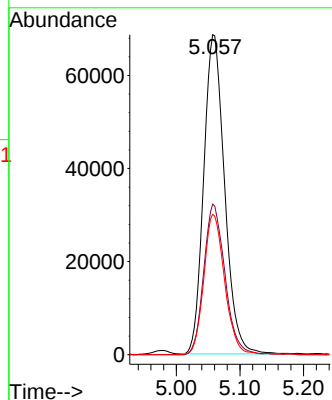
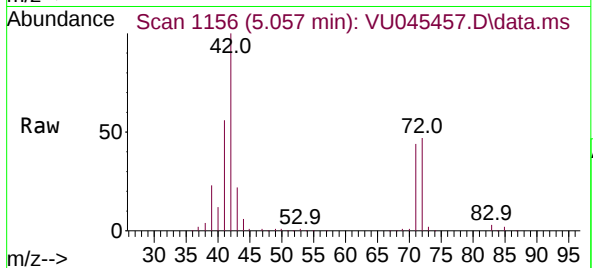
Tgt Ion: 42 Resp: 156373

Ion Ratio Lower Upper

42 100

72 47.9 38.2 57.4

71 43.7 35.4 53.2



#30

Chloroform

Concen: 21.398 ug/l

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU045457.D

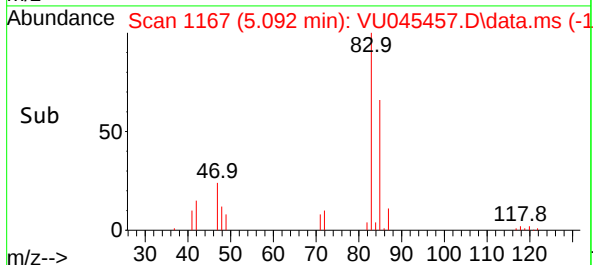
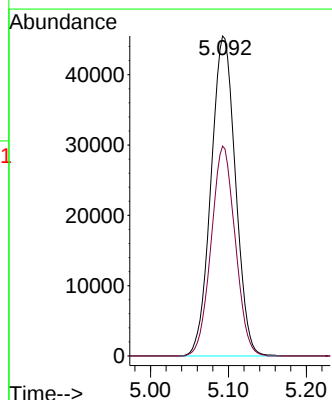
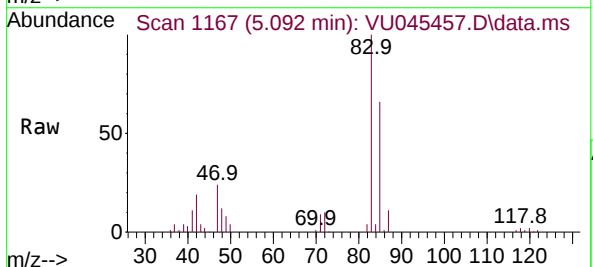
Acq: 29 Oct 2021 12:27

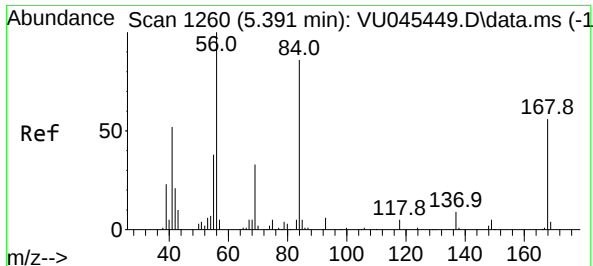
Tgt Ion: 83 Resp: 99143

Ion Ratio Lower Upper

83 100

85 65.6 52.0 78.0





#31

Cyclohexane

Concen: 20.996 ug/l

RT: 5.391 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VU045457.D

Acq: 29 Oct 2021 12:27

Instrument :

MSVOA_U

ClientSampleId :

VU1029WBS01

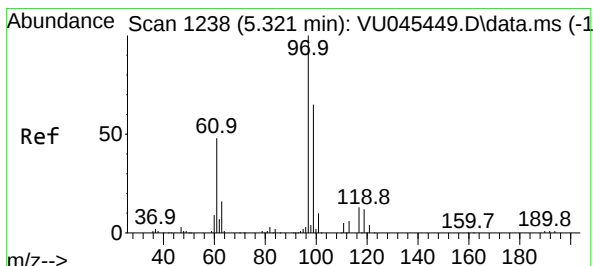
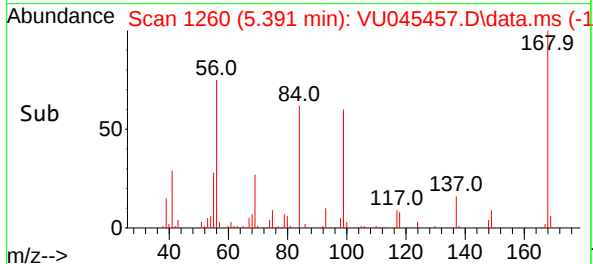
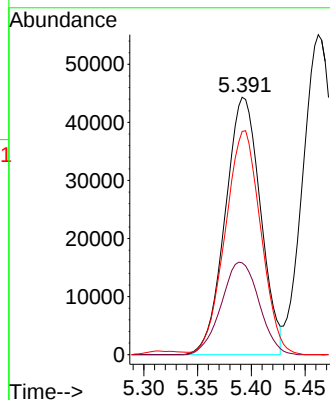
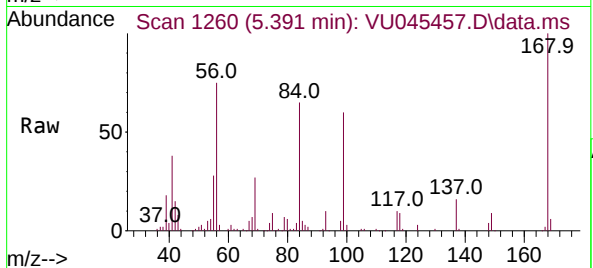
Tgt Ion: 56 Resp: 101161

Ion Ratio Lower Upper

56 100

69 35.7 26.4 39.6

84 85.7 68.4 102.6



#32

1,1,1-Trichloroethane

Concen: 21.643 ug/l

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU045457.D

Acq: 29 Oct 2021 12:27

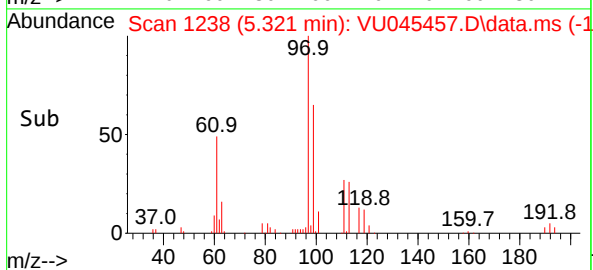
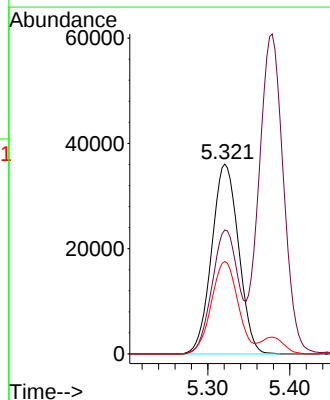
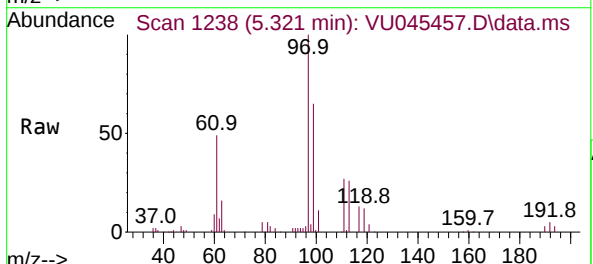
Tgt Ion: 97 Resp: 82300

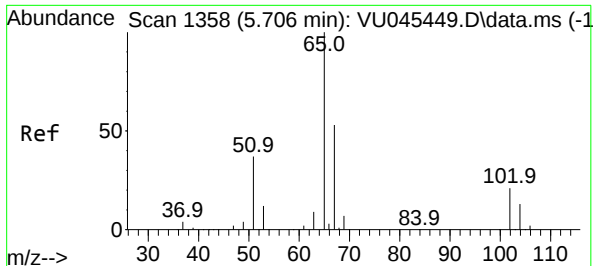
Ion Ratio Lower Upper

97 100

99 64.1 50.8 76.2

61 48.1 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 51.987 ug/l

RT: 5.706 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045457.D

Acq: 29 Oct 2021 12:27

Instrument :

MSVOA_U

ClientSampleId :

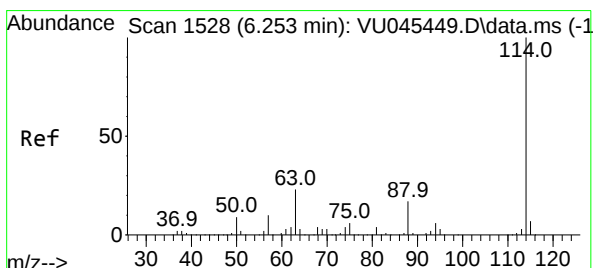
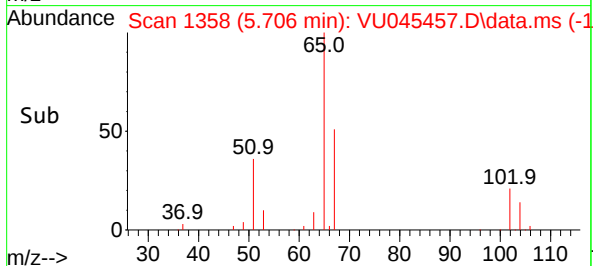
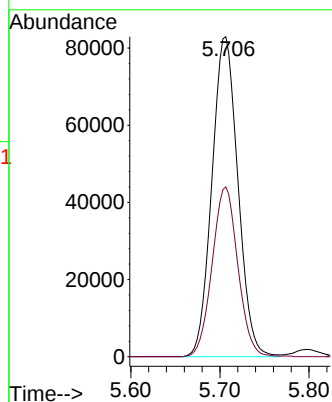
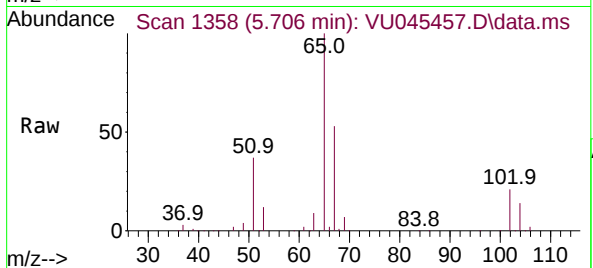
VU1029WBS01

Tgt Ion: 65 Resp: 168237

Ion Ratio Lower Upper

65 100

67 52.4 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: VU045457.D

Acq: 29 Oct 2021 12:27

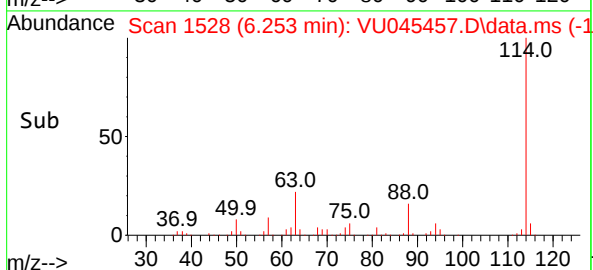
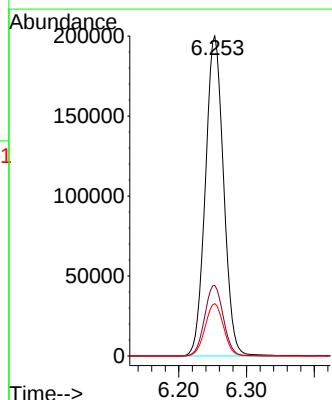
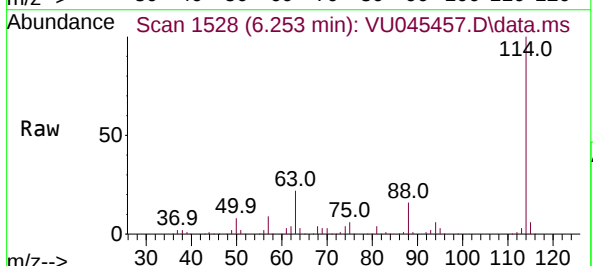
Tgt Ion: 114 Resp: 373309

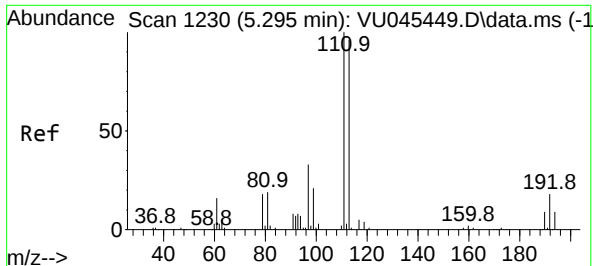
Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.6

88 16.3 0.0 33.8





#35

Dibromofluoromethane

Concen: 50.973 ug/l

RT: 5.295 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045457.D

Acq: 29 Oct 2021 12:27

Instrument :

MSVOA_U

ClientSampleId :

VU1029WBS01

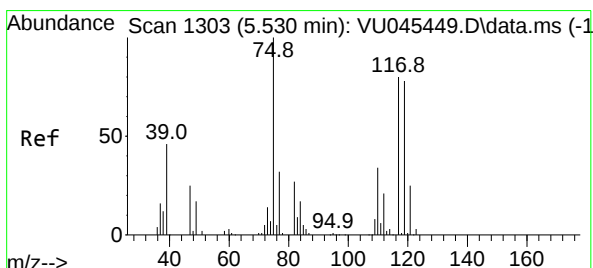
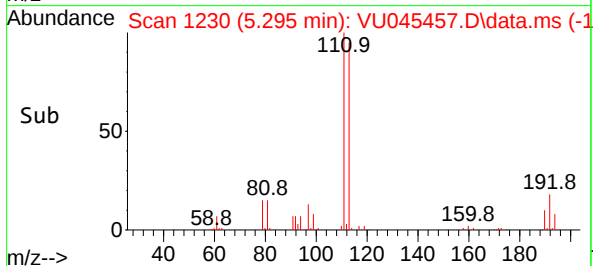
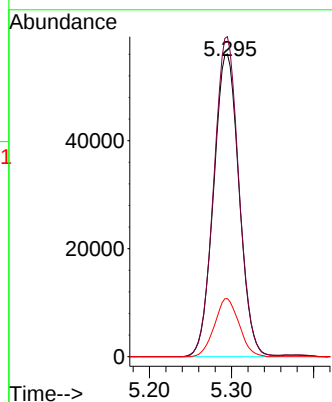
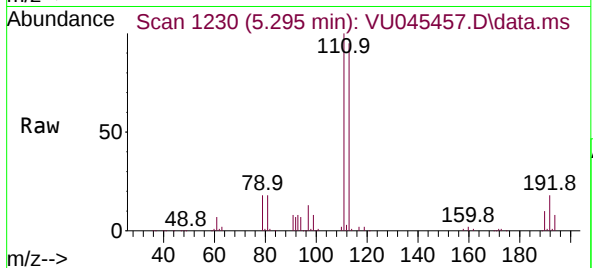
Tgt Ion:113 Resp: 120994

Ion Ratio Lower Upper

113 100

111 103.7 82.8 124.2

192 18.6 14.8 22.2



#36

1,1-Dichloropropene

Concen: 21.391 ug/l

RT: 5.530 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VU045457.D

Acq: 29 Oct 2021 12:27

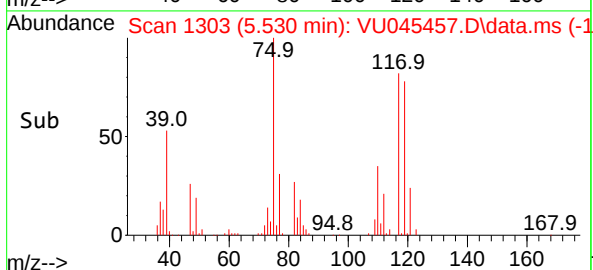
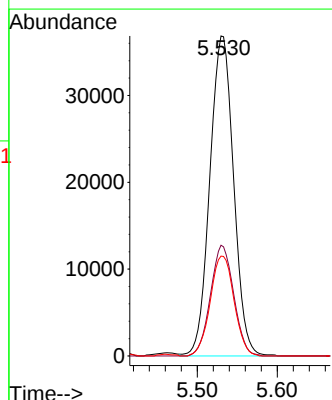
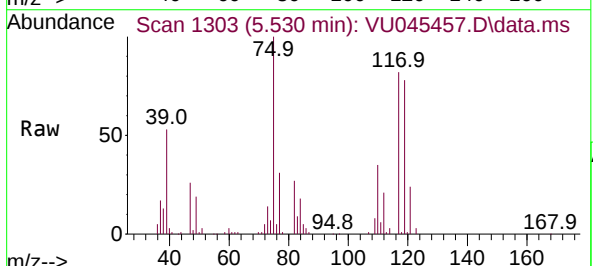
Tgt Ion: 75 Resp: 76014

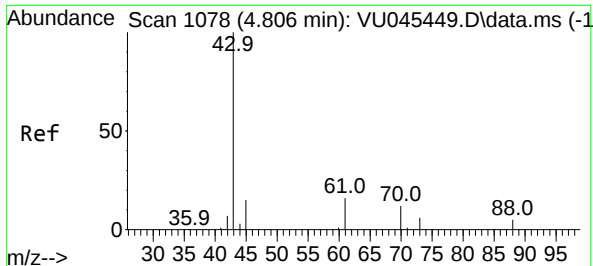
Ion Ratio Lower Upper

75 100

110 33.8 16.7 50.0

77 31.3 25.0 37.4

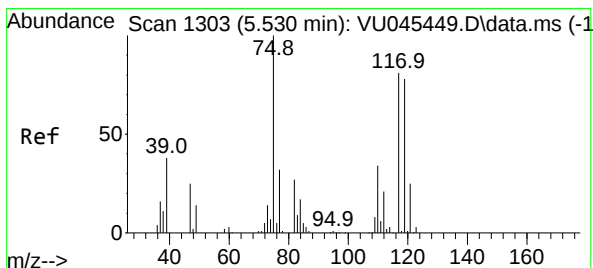
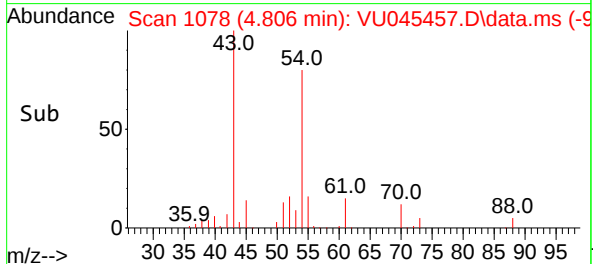
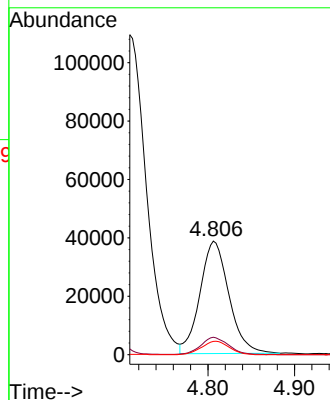
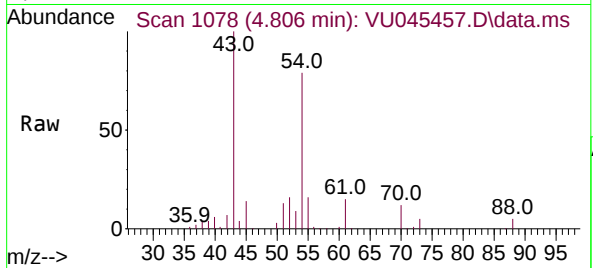




#37
Ethyl Acetate
Concen: 20.756 ug/l
RT: 4.806 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

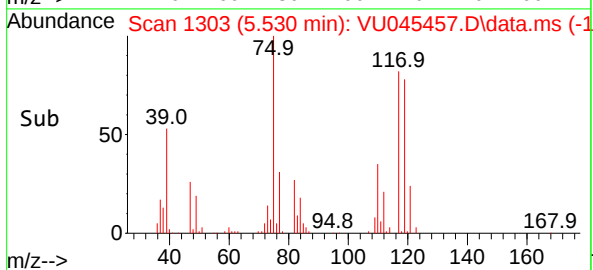
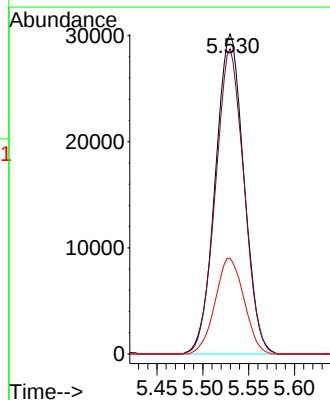
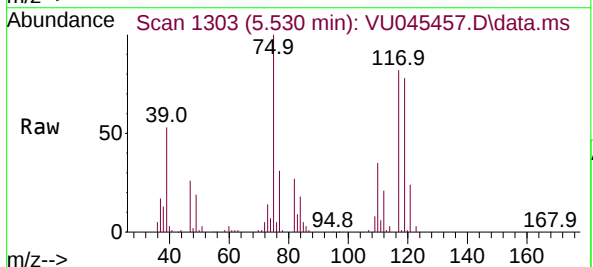
Instrument :
MSVOA_U
ClientSampleId :
VU1029WBS01

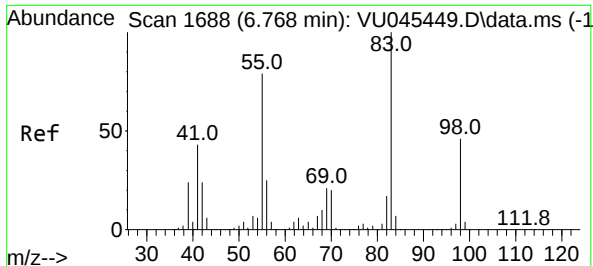
Tgt Ion: 43 Resp: 89329
Ion Ratio Lower Upper
43 100
61 15.0 11.6 17.4
70 11.4 9.1 13.7



#38
Carbon Tetrachloride
Concen: 20.992 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

Tgt Ion: 117 Resp: 65059
Ion Ratio Lower Upper
117 100
119 95.3 77.4 116.0
121 29.9 24.8 37.2





#39

Methylcyclohexane

Concen: 21.245 ug/l

RT: 6.768 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045457.D

Acq: 29 Oct 2021 12:27

Instrument :

MSVOA_U

ClientSampleId :

VU1029WBS01

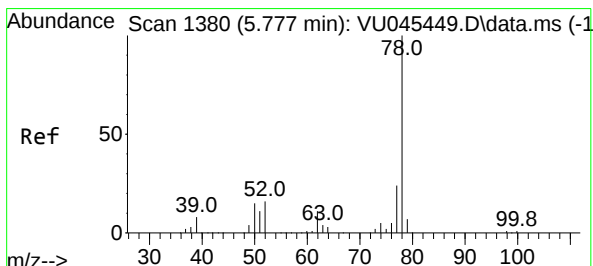
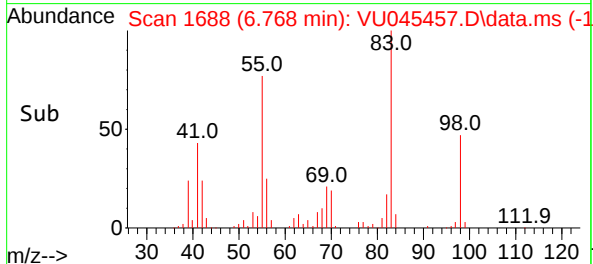
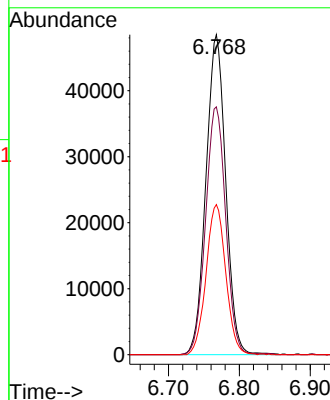
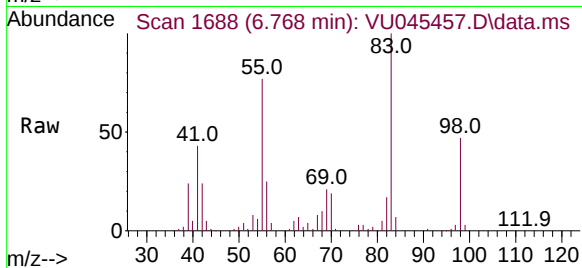
Tgt Ion: 83 Resp: 93881

Ion Ratio Lower Upper

83 100

55 77.4 63.6 95.4

98 46.9 37.1 55.7



#40

Benzene

Concen: 21.299 ug/l

RT: 5.777 min Scan# 1380

Delta R.T. 0.000 min

Lab File: VU045457.D

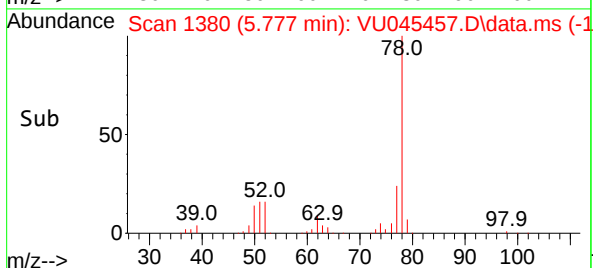
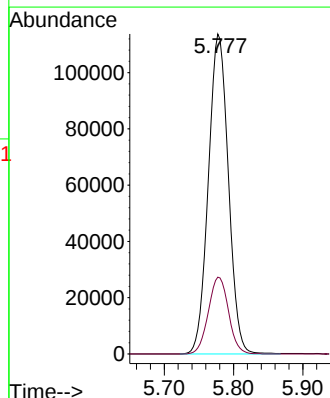
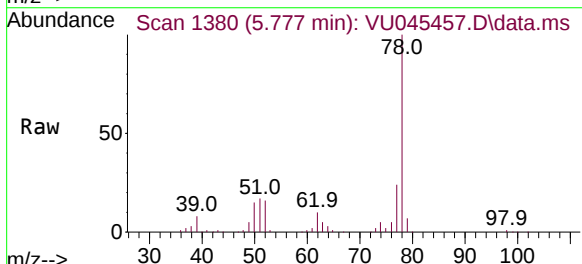
Acq: 29 Oct 2021 12:27

Tgt Ion: 78 Resp: 227835

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.4

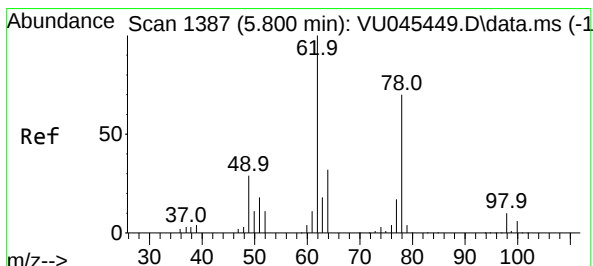
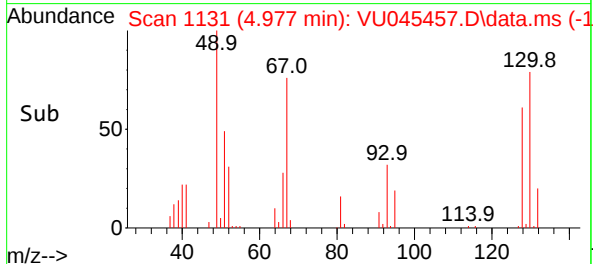
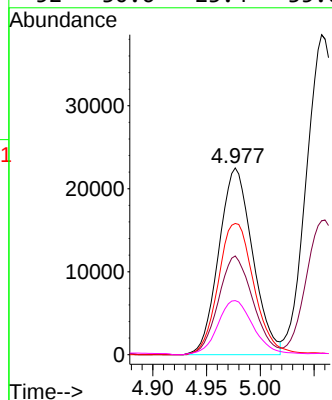
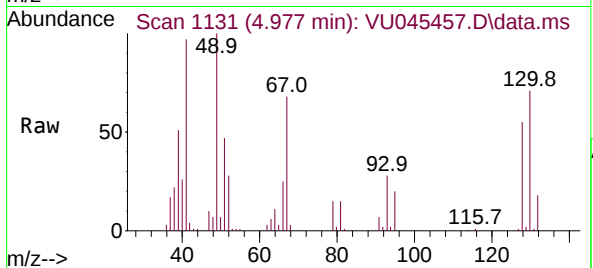




#41
Methacrylonitrile
Concen: 21.632 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

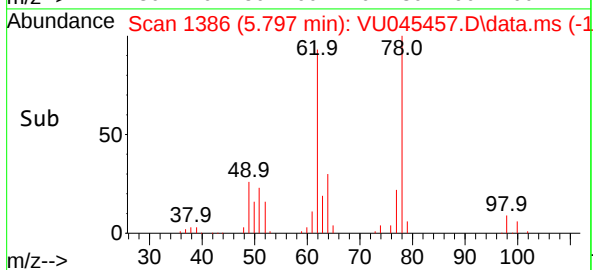
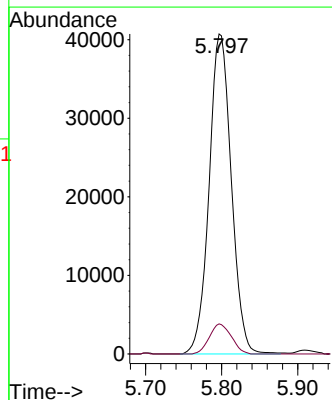
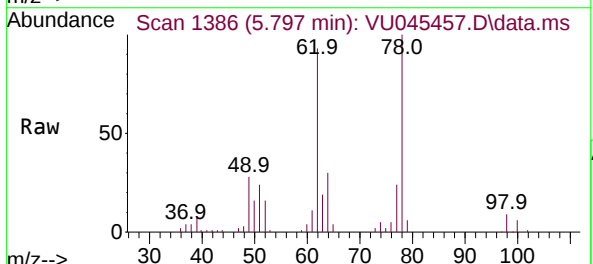
Instrument :
MSVOA_U
ClientSampleId :
VU1029WBS01

Tgt Ion:	41	Resp:	49269
Ion Ratio	Lower	Upper	
41	100		
39	53.8	43.4	65.0
67	74.4	61.0	91.4
52	30.6	23.4	35.0



#42
1,2-Dichloroethane
Concen: 21.029 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. -0.003 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

Tgt Ion:	62	Resp:	82619
Ion Ratio	Lower	Upper	
62	100		
98	9.3	0.0	18.4





#43

Isopropyl Acetate

Concen: 21.279 ug/l

RT: 5.912 min Scan# 1422

Delta R.T. 0.000 min

Lab File: VU045457.D

Acq: 29 Oct 2021 12:27

Instrument :

MSVOA_U

ClientSampleId :

VU1029WBS01

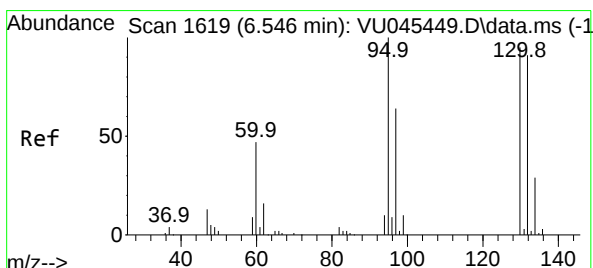
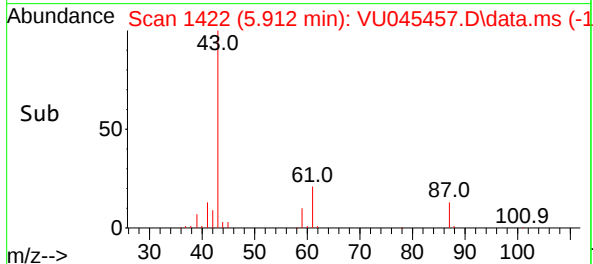
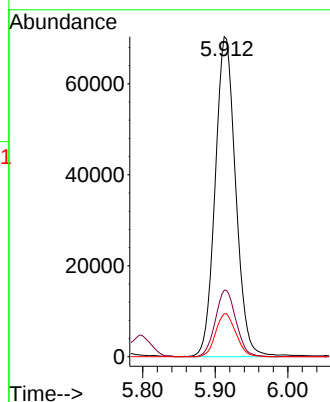
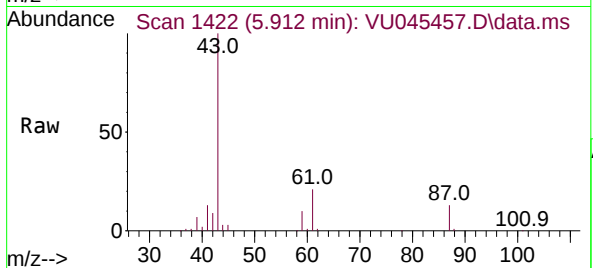
Tgt Ion: 43 Resp: 138011

Ion Ratio Lower Upper

43 100

61 21.0 16.9 25.3

87 13.3 11.0 16.4



#44

Trichloroethene

Concen: 21.077 ug/l

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU045457.D

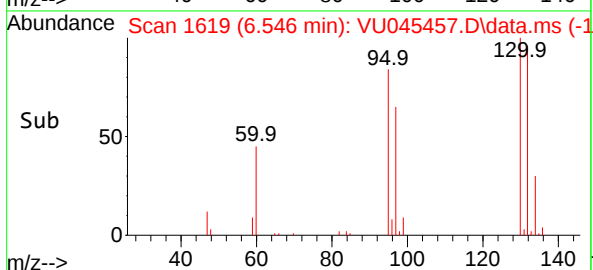
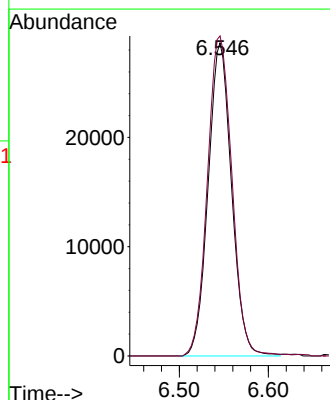
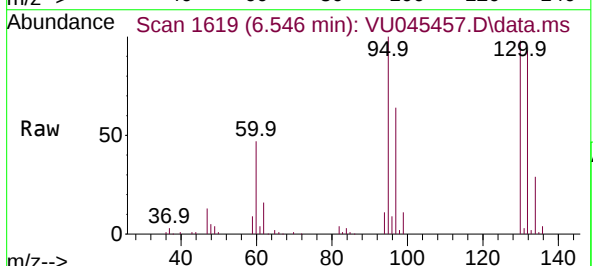
Acq: 29 Oct 2021 12:27

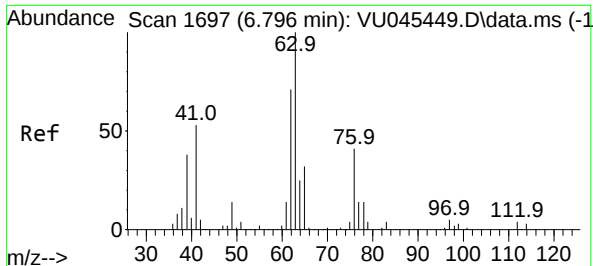
Tgt Ion:130 Resp: 52257

Ion Ratio Lower Upper

130 100

95 102.2 0.0 211.4





#45

1,2-Dichloropropane

Concen: 21.264 ug/l

RT: 6.793 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU045457.D

Acq: 29 Oct 2021 12:27

Instrument :

MSVOA_U

ClientSampleId :

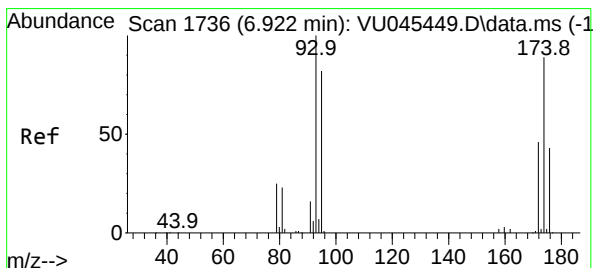
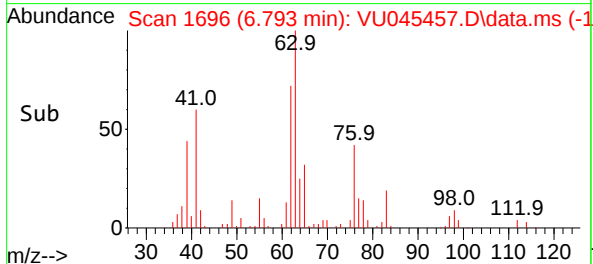
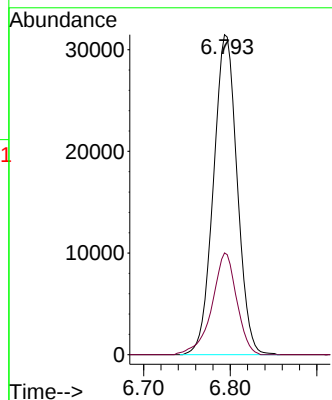
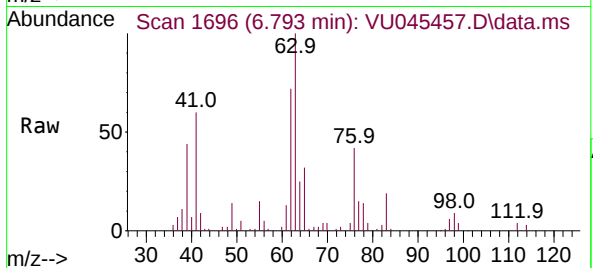
VU1029WBS01

Tgt Ion: 63 Resp: 59863

Ion Ratio Lower Upper

63 100

65 31.8 25.7 38.5



#46

Dibromomethane

Concen: 21.379 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. 0.000 min

Lab File: VU045457.D

Acq: 29 Oct 2021 12:27

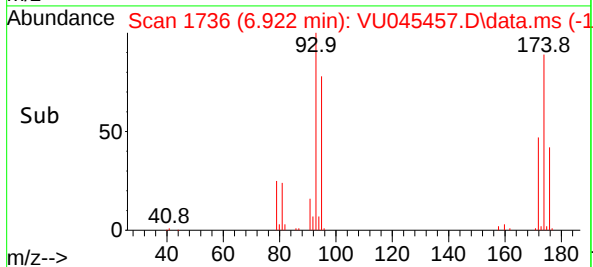
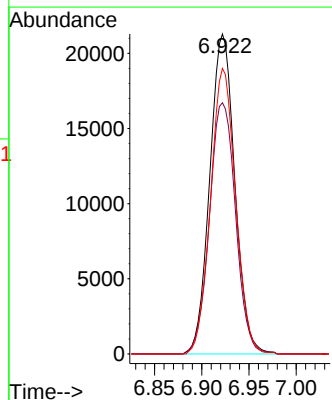
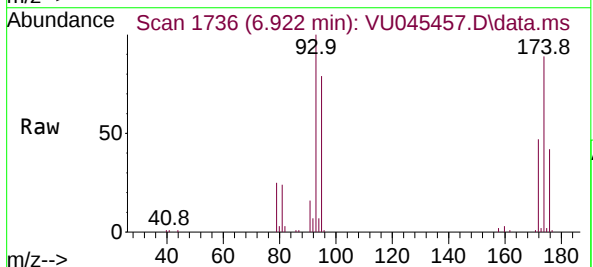
Tgt Ion: 93 Resp: 39189

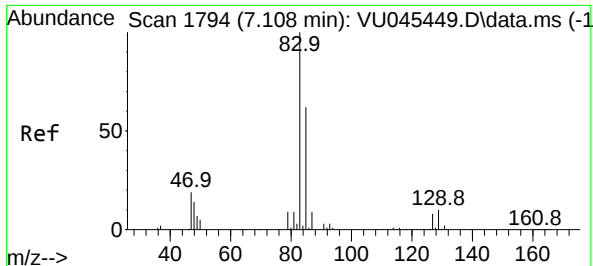
Ion Ratio Lower Upper

93 100

95 81.8 66.2 99.2

174 89.2 71.0 106.6

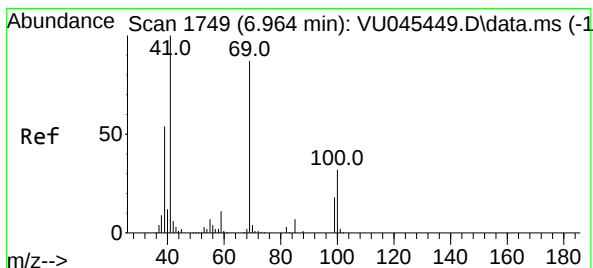
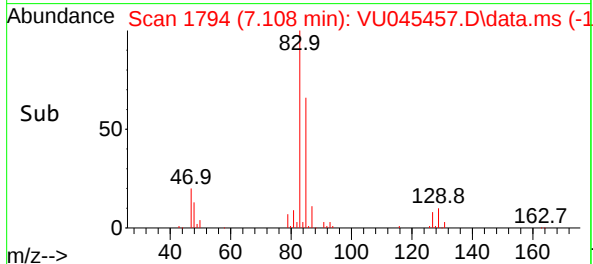
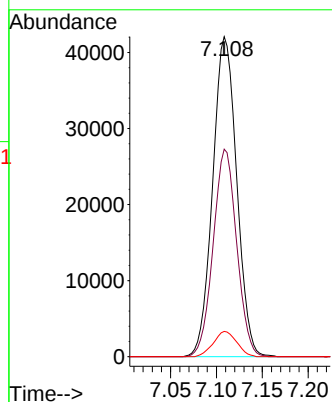
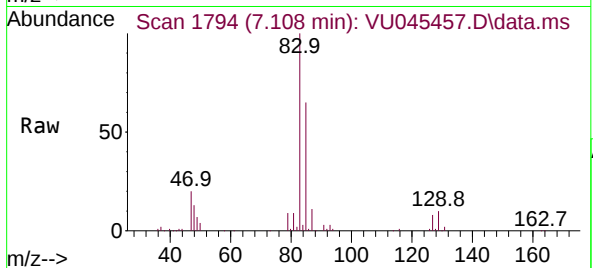




#47
Bromodichloromethane
Concen: 21.232 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

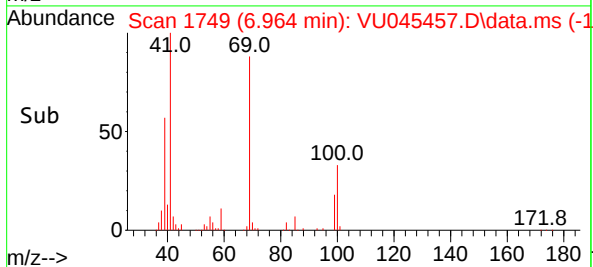
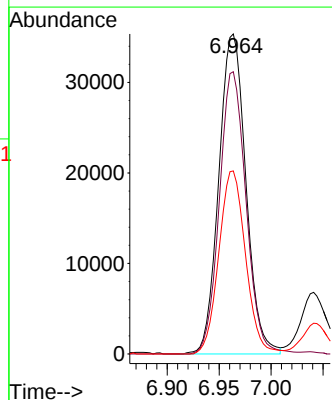
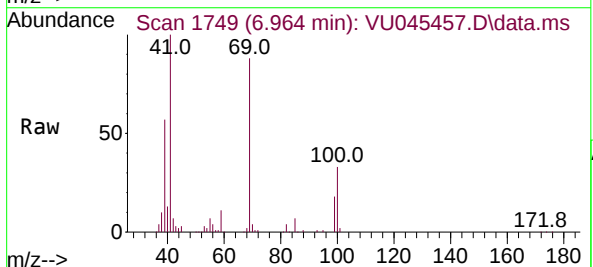
Instrument :
MSVOA_U
ClientSampleId :
VU1029WBS01

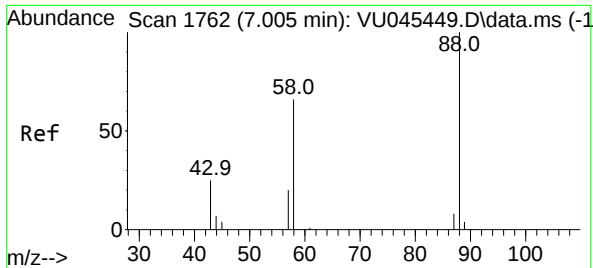
Tgt Ion: 83 Resp: 76595
Ion Ratio Lower Upper
83 100
85 64.9 49.8 74.6
127 7.9 6.2 9.2



#48
Methyl methacrylate
Concen: 20.849 ug/l
RT: 6.964 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

Tgt Ion: 41 Resp: 64092
Ion Ratio Lower Upper
41 100
69 86.7 70.2 105.2
39 56.5 43.9 65.9

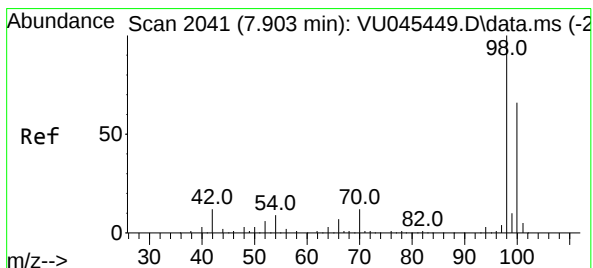
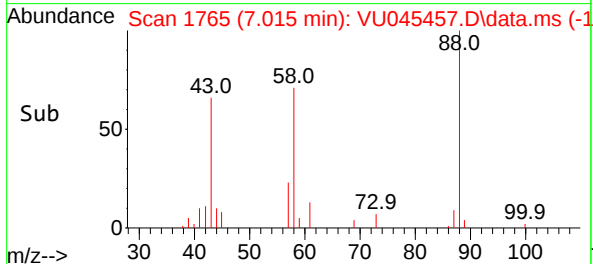
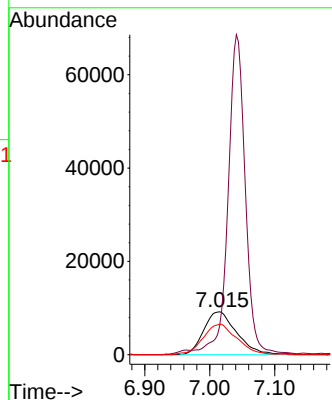
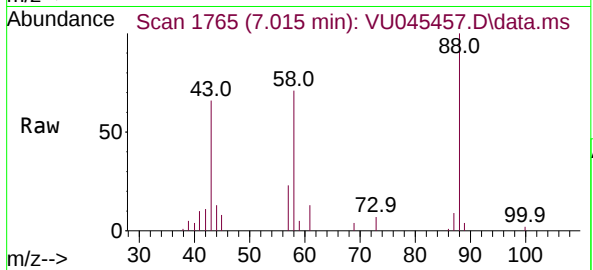




#49
1,4-Dioxane
Concen: 413.745 ug/l
RT: 7.015 min Scan# 1
Delta R.T. 0.010 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

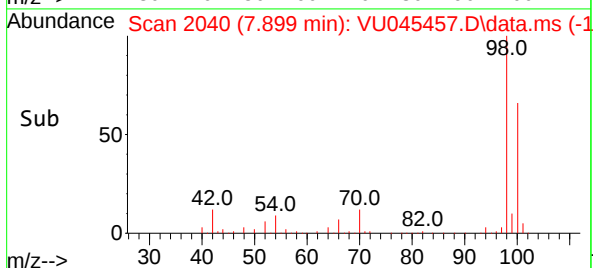
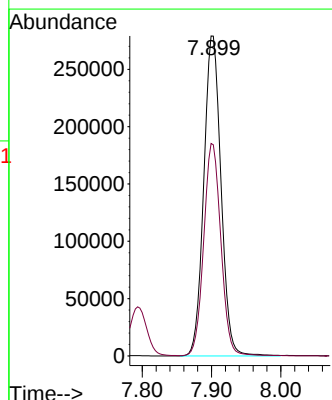
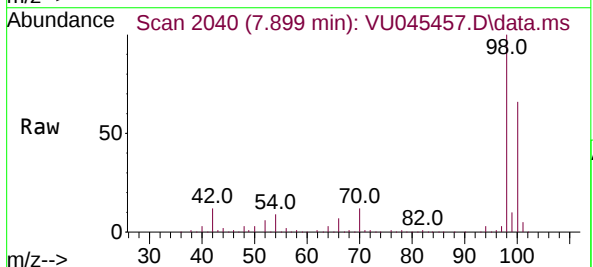
Instrument :
MSVOA_U
ClientSampleId :
VU1029WBS01

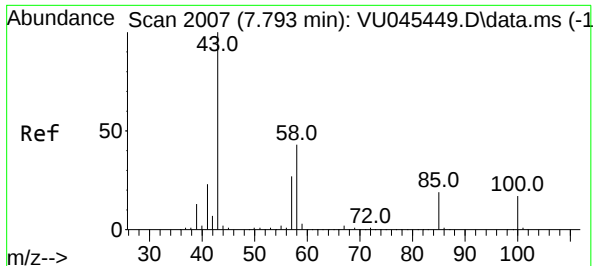
Tgt Ion: 88 Resp: 32325
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 73.0 58.7 88.1



#50
Toluene-d8
Concen: 51.669 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

Tgt Ion: 98 Resp: 480941
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 106.796 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU045457.D

Acq: 29 Oct 2021 12:27

Instrument :

MSVOA_U

ClientSampleId :

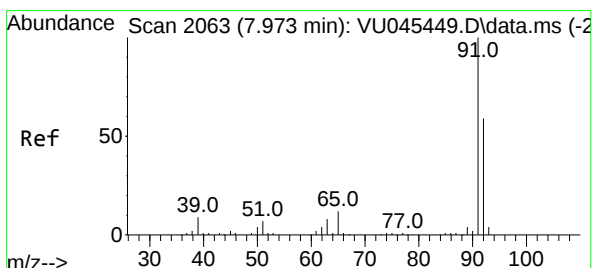
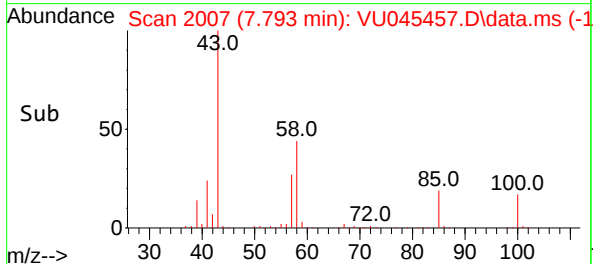
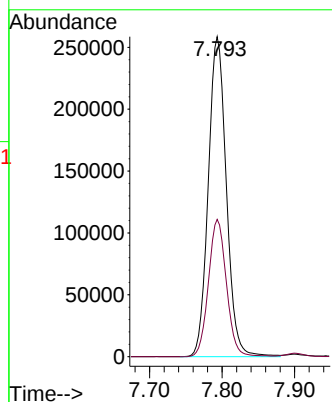
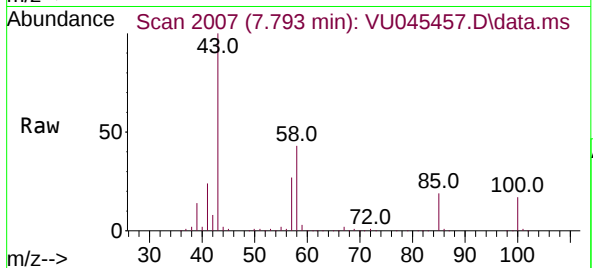
VU1029WBS01

Tgt Ion: 43 Resp: 447689

Ion Ratio Lower Upper

43 100

58 42.7 33.8 50.8



#52

Toluene

Concen: 21.425 ug/l

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU045457.D

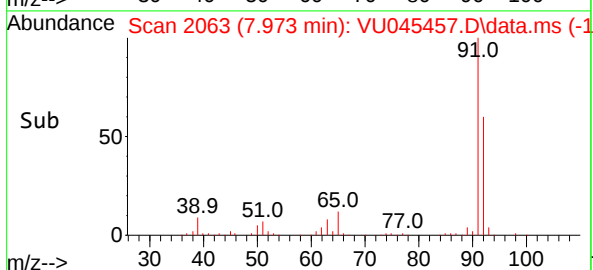
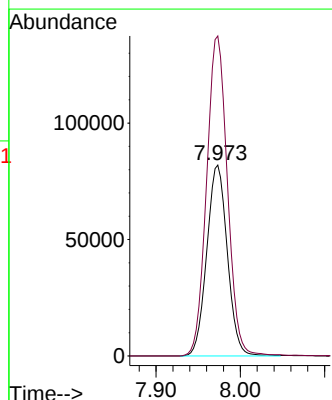
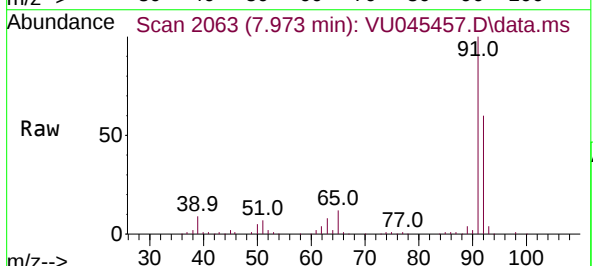
Acq: 29 Oct 2021 12:27

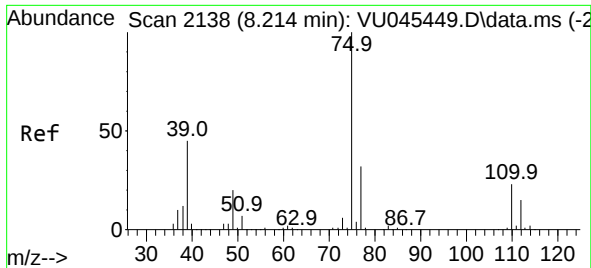
Tgt Ion: 92 Resp: 139316

Ion Ratio Lower Upper

92 100

91 169.8 135.6 203.4

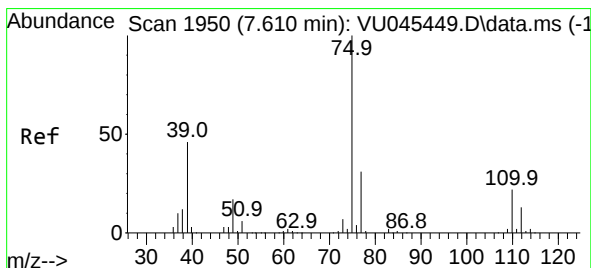
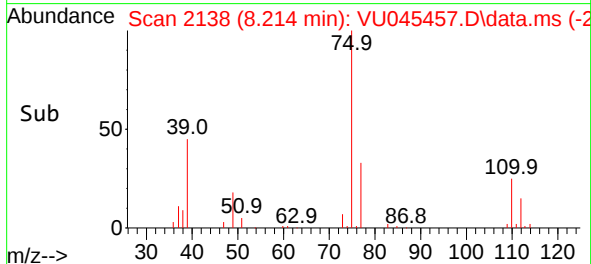
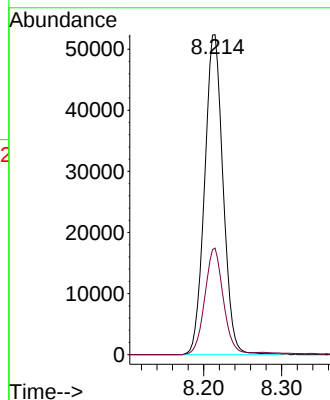
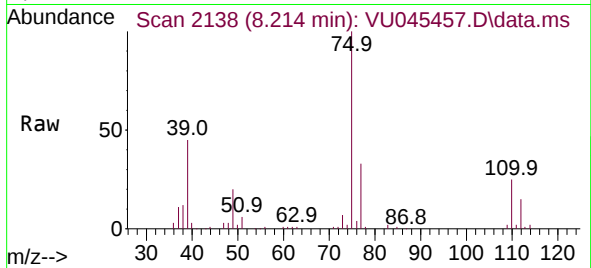




#53
 t-1,3-Dichloropropene
 Concen: 20.973 ug/l
 RT: 8.214 min Scan# 2138
 Delta R.T. 0.000 min
 Lab File: VU045457.D
 Acq: 29 Oct 2021 12:27

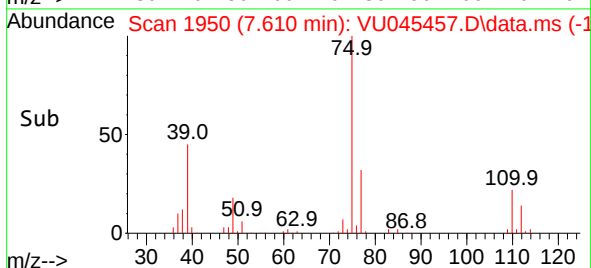
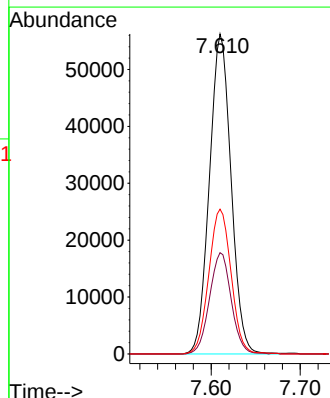
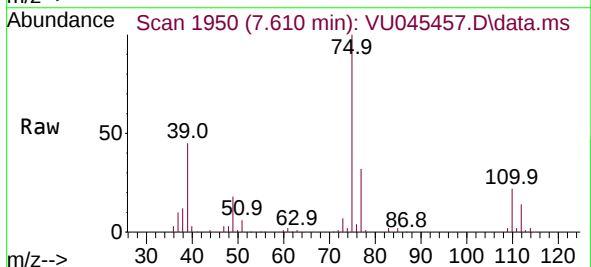
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1029WBS01

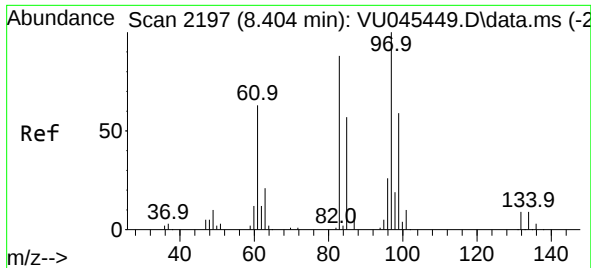
Tgt Ion: 75 Resp: 86235
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 21.498 ug/l
 RT: 7.610 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VU045457.D
 Acq: 29 Oct 2021 12:27

Tgt Ion: 75 Resp: 94665
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.6 37.0
 39 45.3 37.1 55.7

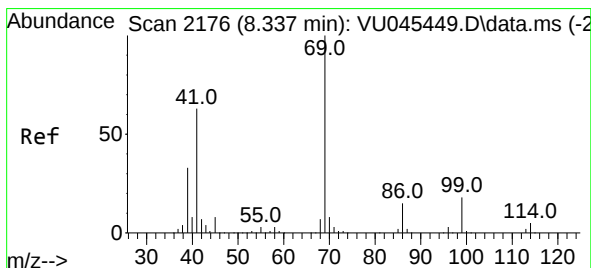
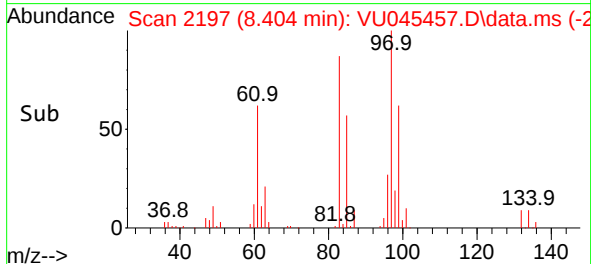
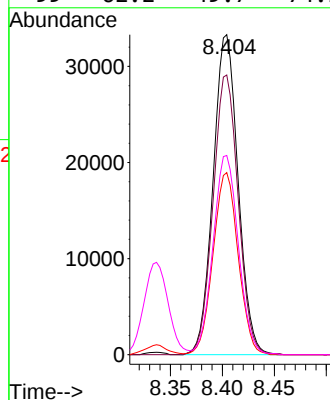
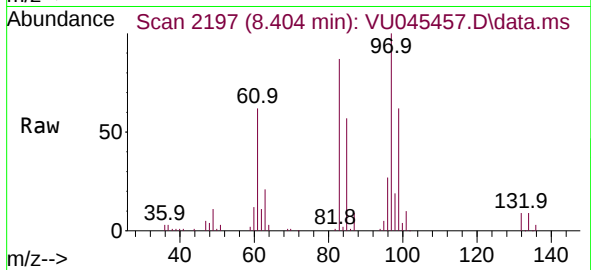




#55
1,1,2-Trichloroethane
Concen: 20.970 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

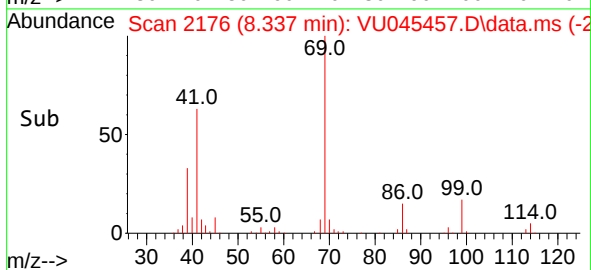
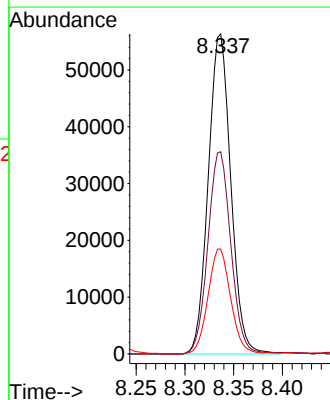
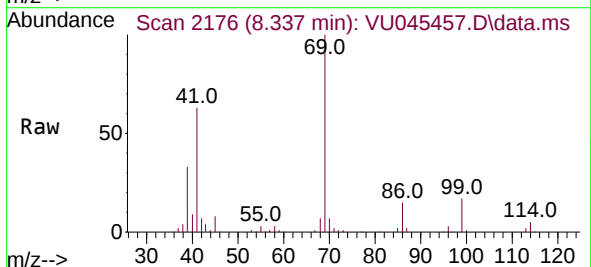
Instrument :
MSVOA_U
ClientSampleId :
VU1029WBS01

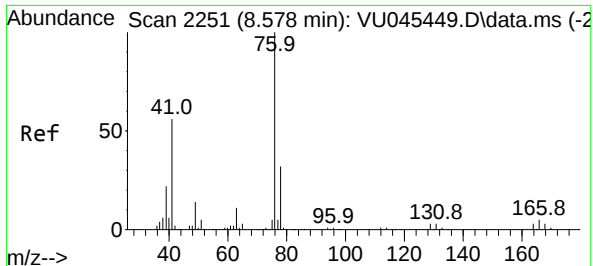
Tgt Ion:	97	Resp:	55700
Ion	Ratio	Lower	Upper
97	100		
83	87.4	70.3	105.5
85	56.9	45.5	68.3
99	62.2	49.7	74.5



#56
Ethyl methacrylate
Concen: 19.695 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. -0.000 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

Tgt Ion:	69	Resp:	90726
Ion	Ratio	Lower	Upper
69	100		
41	64.5	51.0	76.4
39	32.9	26.6	39.8





#57

1,3-Dichloropropane

Concen: 21.181 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045457.D

Acq: 29 Oct 2021 12:27

Instrument :

MSVOA_U

ClientSampleId :

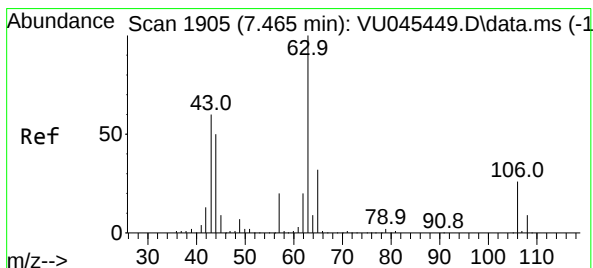
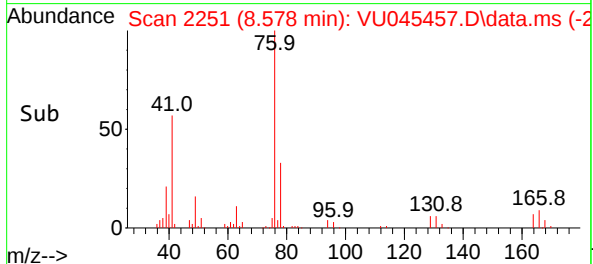
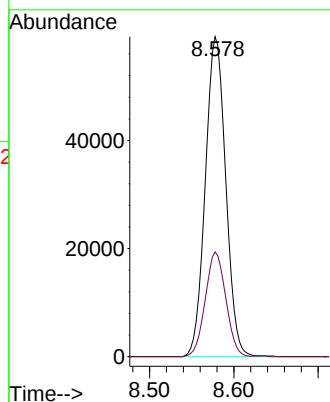
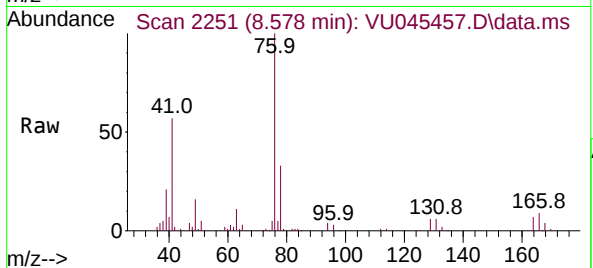
VU1029WBS01

Tgt Ion: 76 Resp: 99865

Ion Ratio Lower Upper

76 100

78 32.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 99.896 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VU045457.D

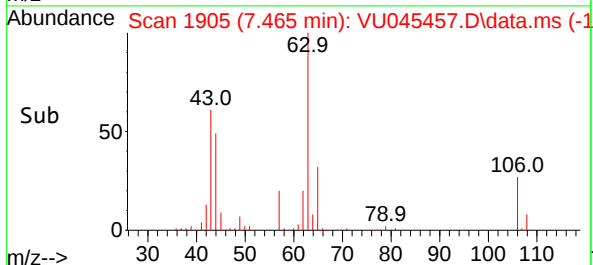
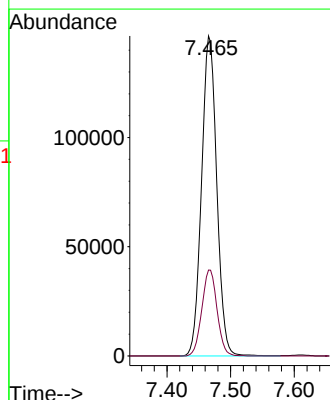
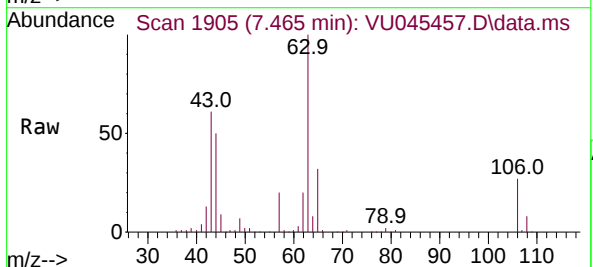
Acq: 29 Oct 2021 12:27

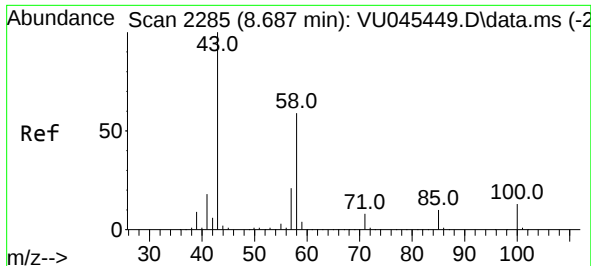
Tgt Ion: 63 Resp: 243212

Ion Ratio Lower Upper

63 100

106 26.8 21.0 31.4

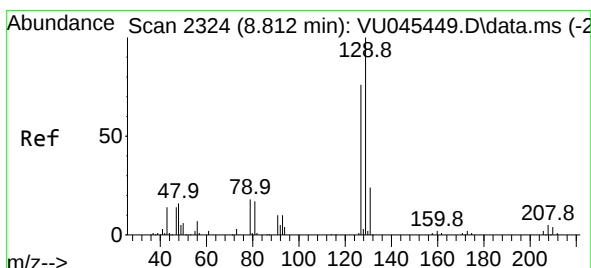
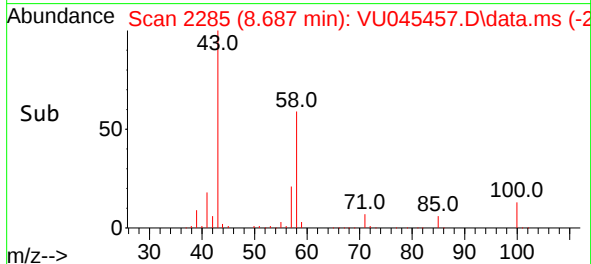
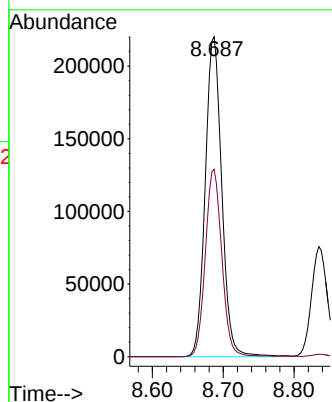
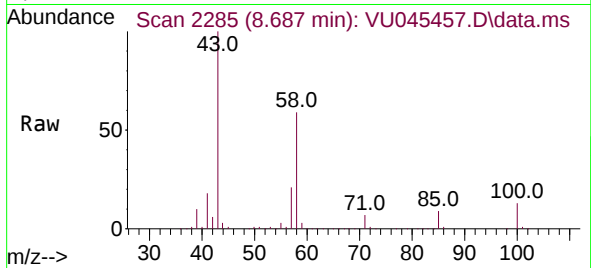




#59
2-Hexanone
Concen: 109.578 ug/l
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

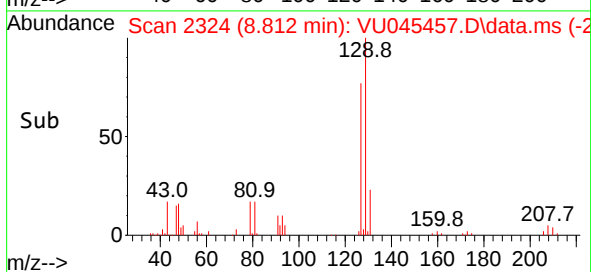
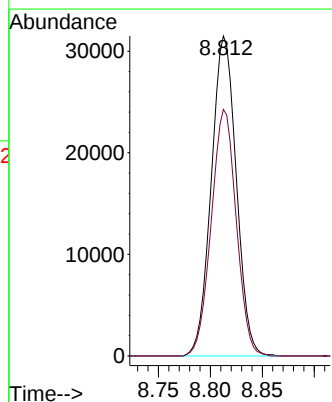
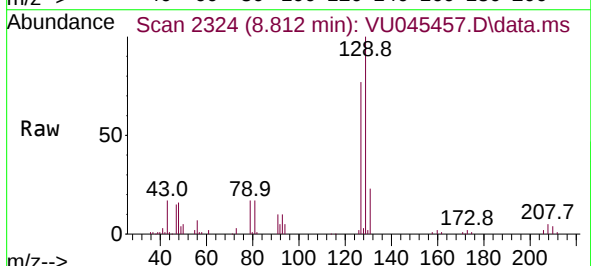
Instrument :
MSVOA_U
ClientSampleId :
VU1029WBS01

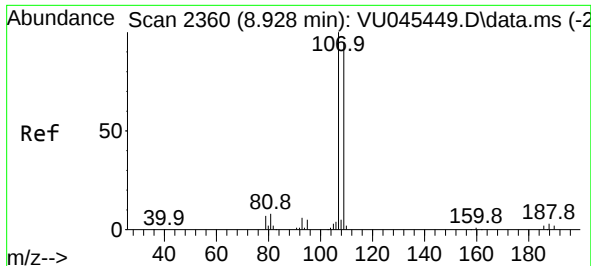
Tgt Ion: 43 Resp: 355901
Ion Ratio Lower Upper
43 100
58 58.6 29.5 88.6



#60
Dibromochloromethane
Concen: 20.676 ug/l
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

Tgt Ion: 129 Resp: 52706
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.3

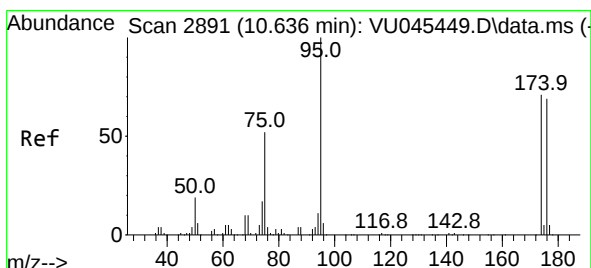
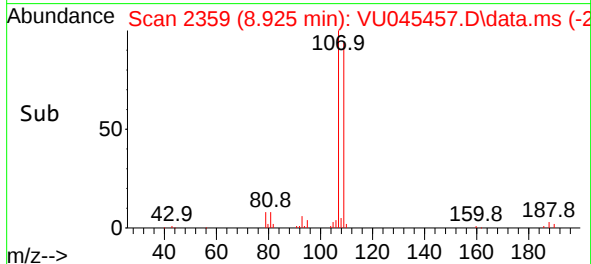
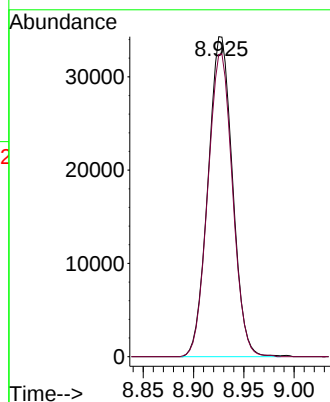
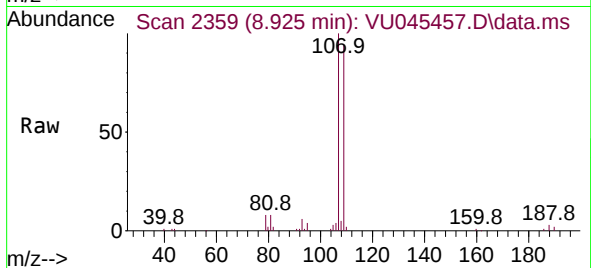




#61
1,2-Dibromoethane
Concen: 20.913 ug/l
RT: 8.925 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

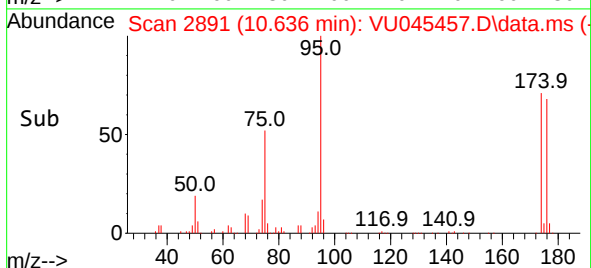
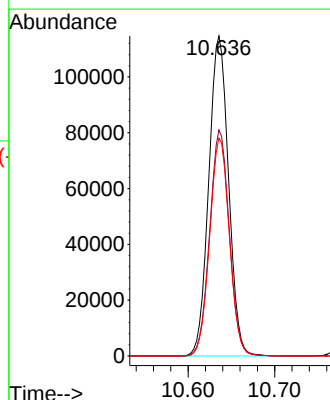
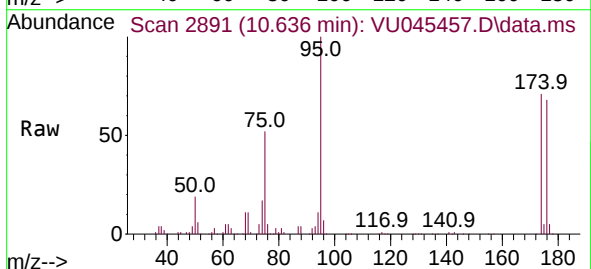
Instrument :
MSVOA_U
ClientSampleId :
VU1029WBS01

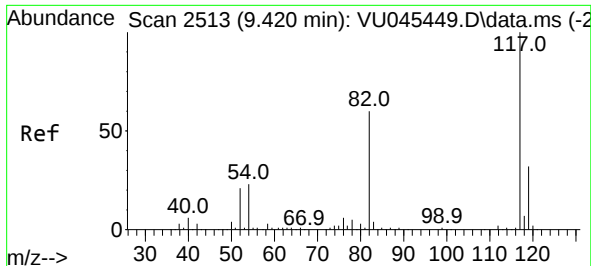
Tgt Ion:107 Resp: 58182
Ion Ratio Lower Upper
107 100
109 95.5 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 51.235 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

Tgt Ion: 95 Resp: 181726
Ion Ratio Lower Upper
95 100
174 70.3 0.0 141.8
176 67.6 0.0 138.2

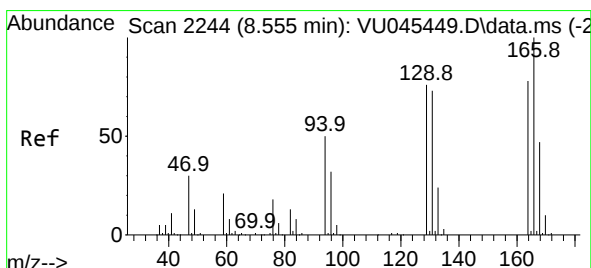
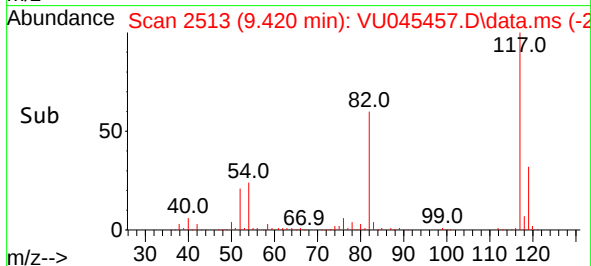
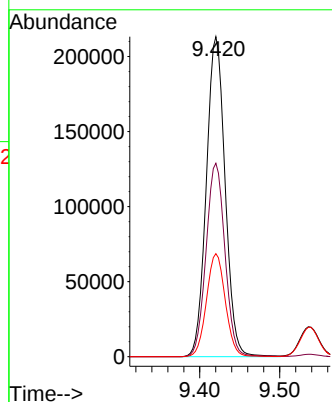
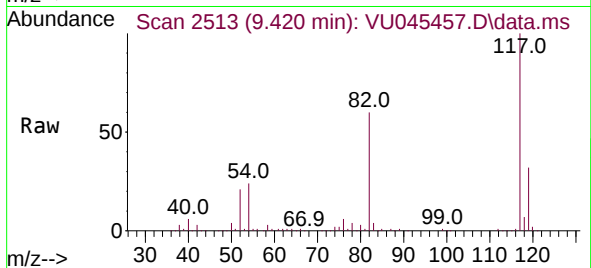




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

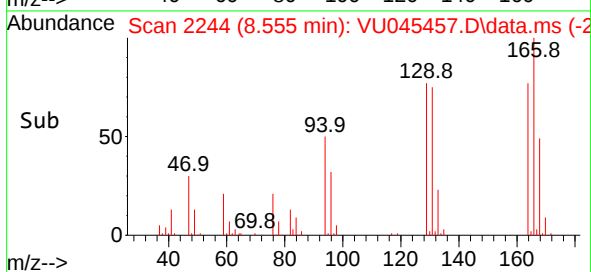
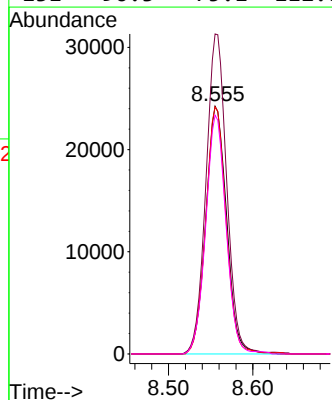
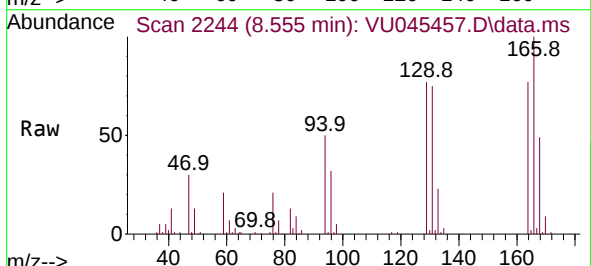
Instrument :
MSVOA_U
ClientSampleId :
VU1029WBS01

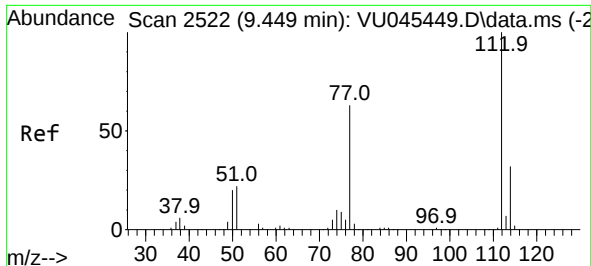
Tgt Ion:117 Resp: 348848
Ion Ratio Lower Upper
117 100
82 60.5 47.8 71.8
119 32.2 25.8 38.8



#64
Tetrachloroethene
Concen: 20.998 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

Tgt Ion:164 Resp: 41871
Ion Ratio Lower Upper
164 100
166 129.2 102.2 153.4
129 99.8 78.2 117.4
131 96.3 75.1 112.7

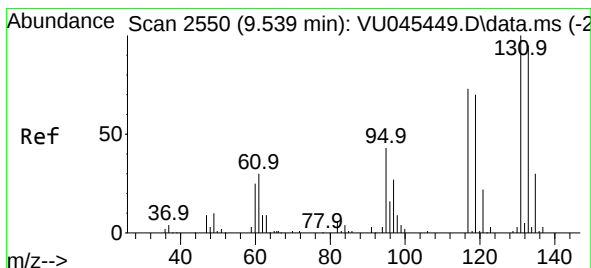
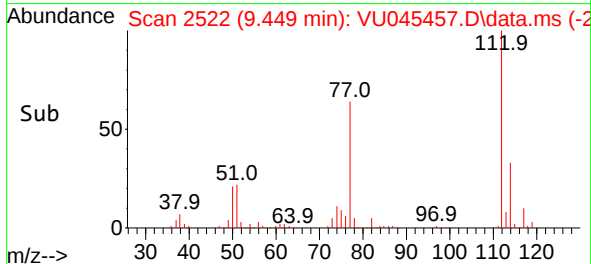
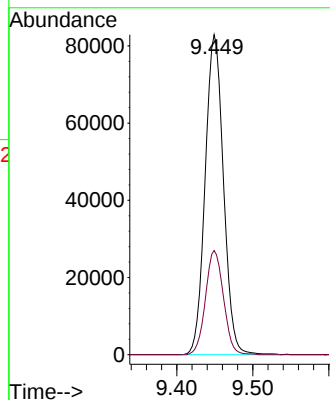
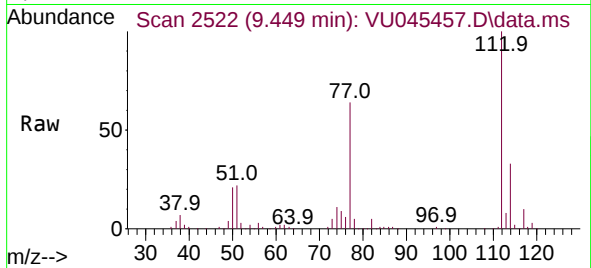




#65
Chlorobenzene
Concen: 21.002 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

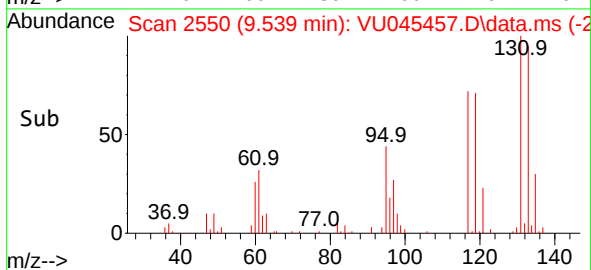
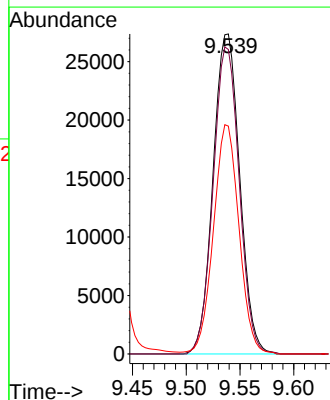
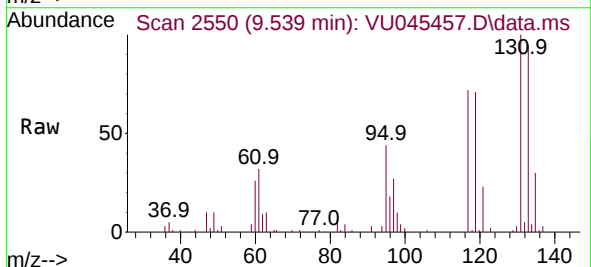
Instrument :
MSVOA_U
ClientSampleId :
VU1029WBS01

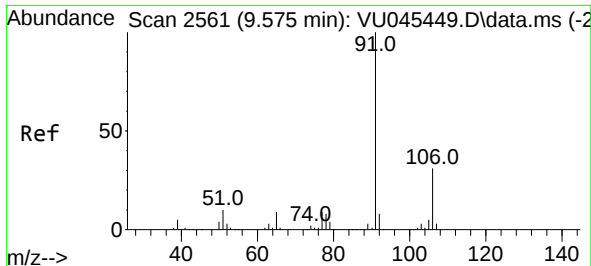
Tgt Ion:112 Resp: 138912
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.122 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. 0.000 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

Tgt Ion:131 Resp: 47135
Ion Ratio Lower Upper
131 100
133 94.2 47.9 143.6
119 68.9 34.5 103.6





#67

Ethyl Benzene

Concen: 21.297 ug/l

RT: 9.571 min Scan# 2561

Delta R.T. -0.003 min

Lab File: VU045457.D

Acq: 29 Oct 2021 12:27

Instrument :

MSVOA_U

ClientSampleId :

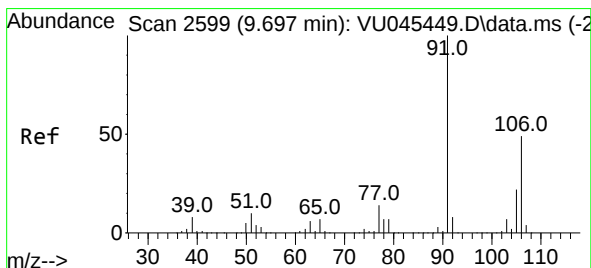
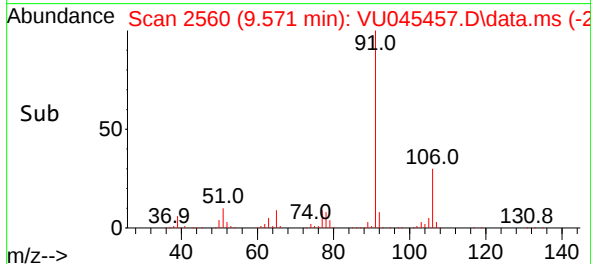
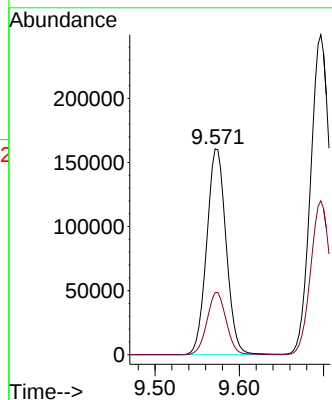
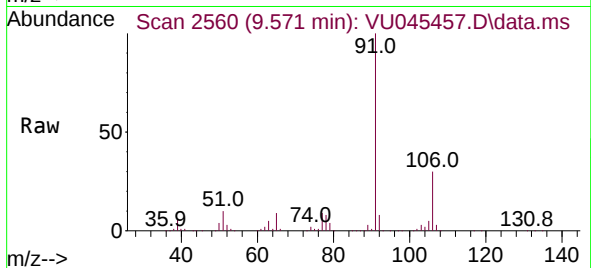
VU1029WBS01

Tgt Ion: 91 Resp: 258036

Ion Ratio Lower Upper

91 100

106 30.2 24.6 36.8



#68

m/p-Xylenes

Concen: 43.131 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.000 min

Lab File: VU045457.D

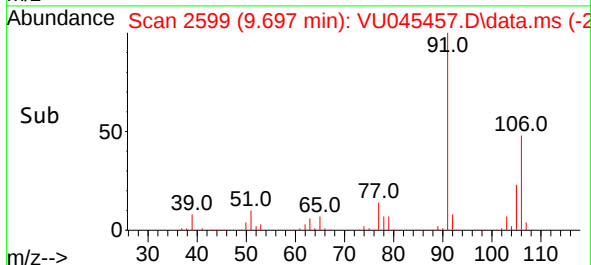
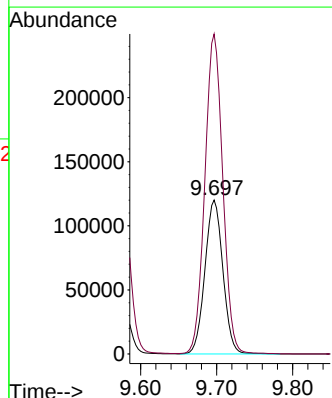
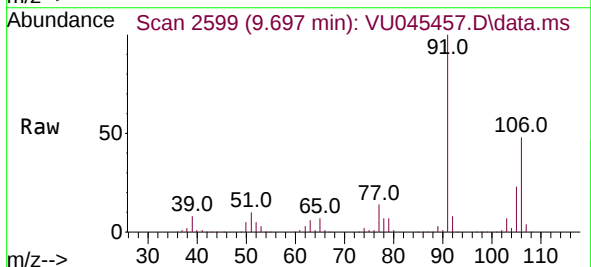
Acq: 29 Oct 2021 12:27

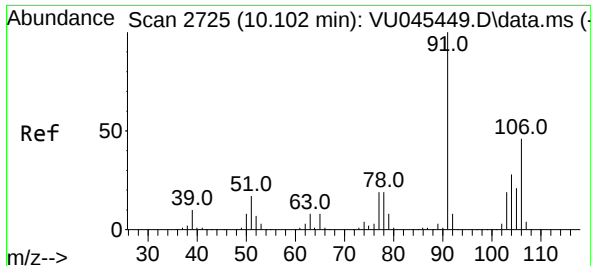
Tgt Ion:106 Resp: 197259

Ion Ratio Lower Upper

106 100

91 207.3 164.7 247.1

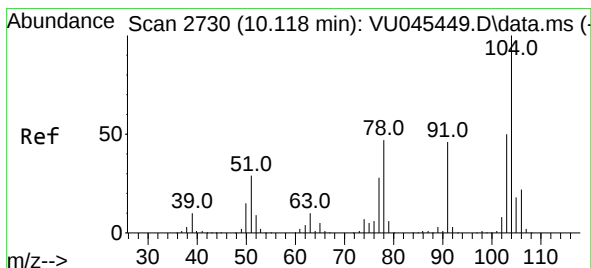
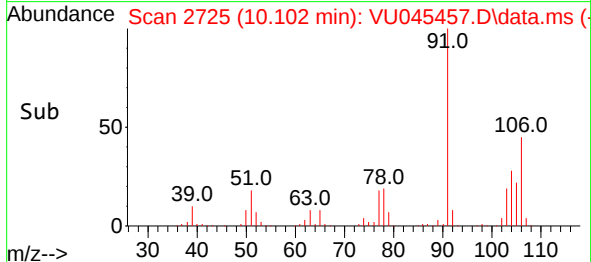
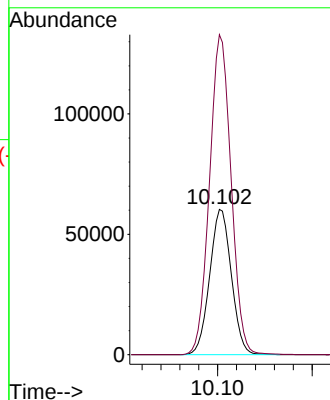
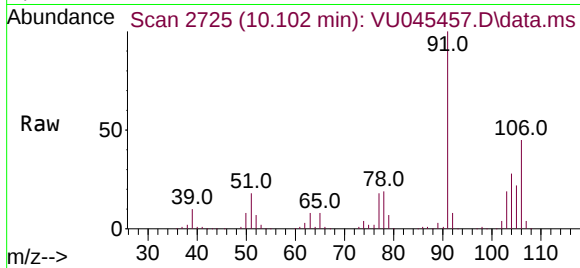




#69
o-Xylene
Concen: 21.523 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

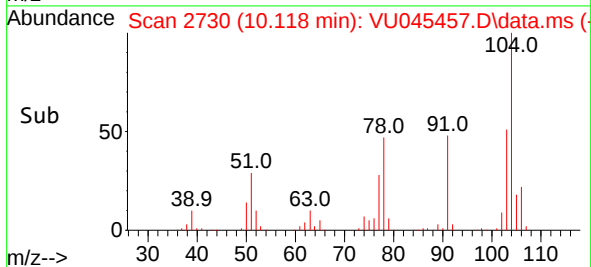
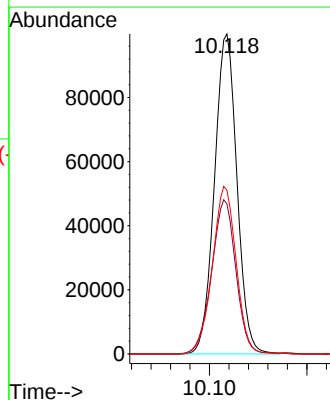
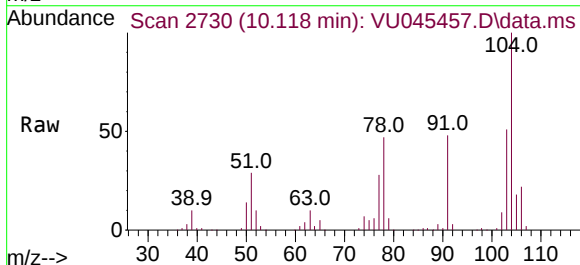
Instrument :
MSVOA_U
ClientSampleId :
VU1029WBS01

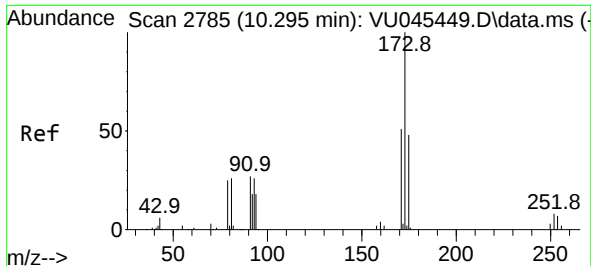
Tgt Ion:106 Resp: 95982
Ion Ratio Lower Upper
106 100
91 219.4 108.7 326.3



#70
Styrene
Concen: 20.000 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

Tgt Ion:104 Resp: 159991
Ion Ratio Lower Upper
104 100
78 52.1 41.8 62.6
103 55.3 43.8 65.6

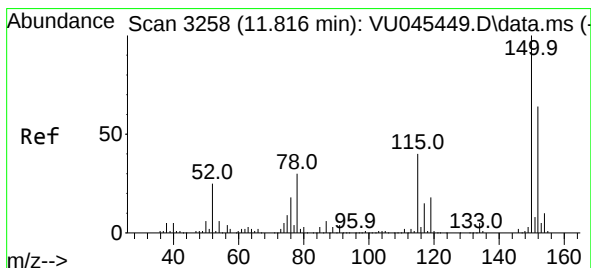
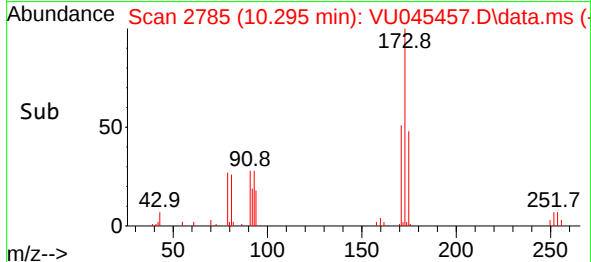
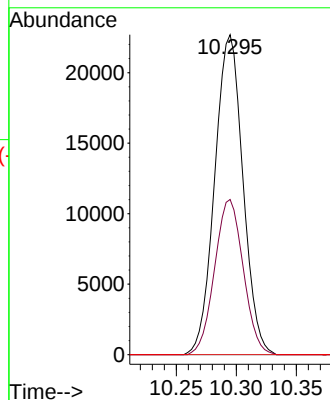
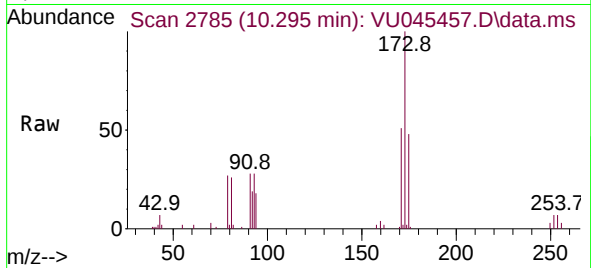




#71
Bromoform
Concen: 19.630 ug/l
RT: 10.295 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

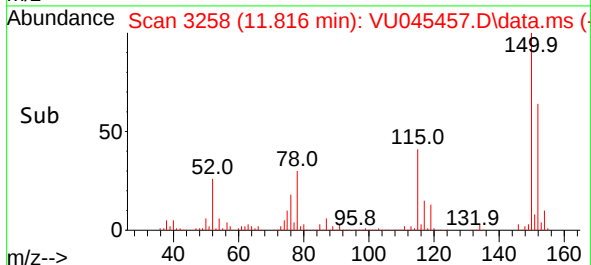
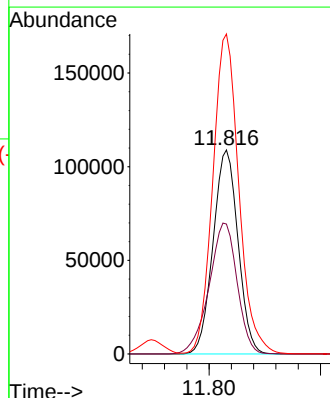
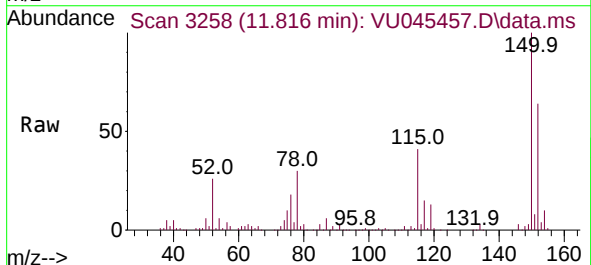
Instrument :
MSVOA_U
ClientSampleId :
VU1029WBS01

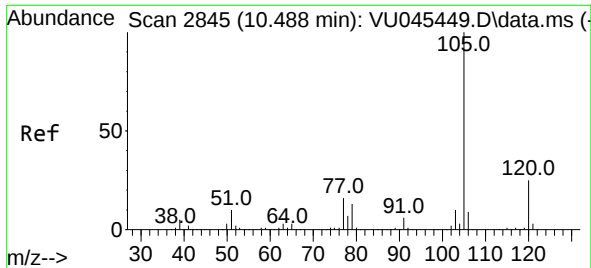
Tgt Ion:173 Resp: 37087
Ion Ratio Lower Upper
173 100
175 49.2 24.1 72.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

Tgt Ion:152 Resp: 169130
Ion Ratio Lower Upper
152 100
115 72.2 42.7 128.1
150 163.6 0.0 346.8

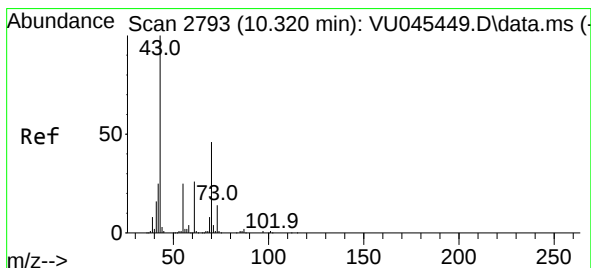
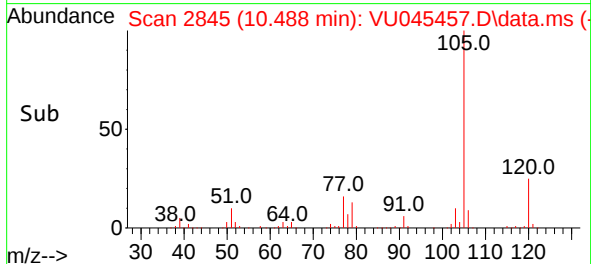
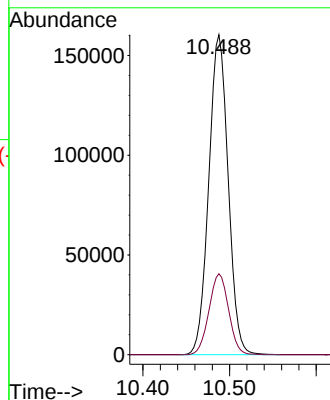
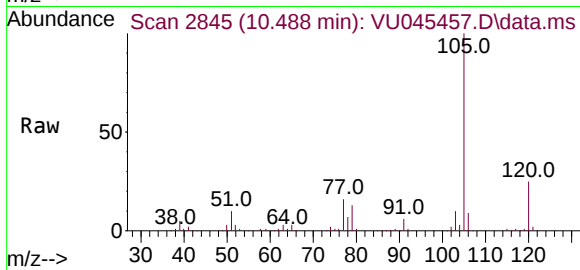




#73
Isopropylbenzene
Concen: 21.845 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

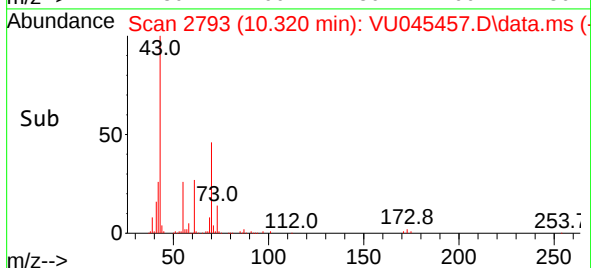
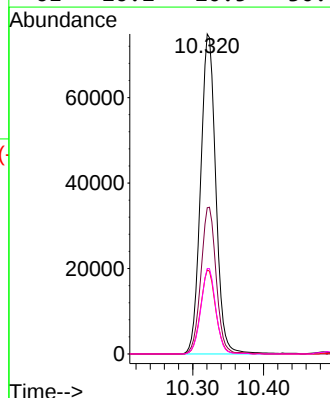
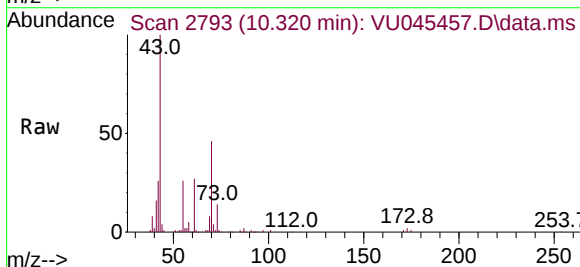
Instrument :
MSVOA_U
ClientSampleId :
VU1029WBS01

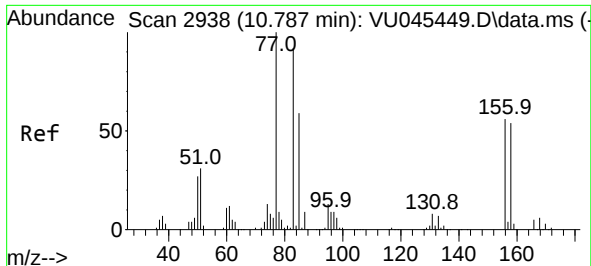
Tgt Ion:105 Resp: 249123
Ion Ratio Lower Upper
105 100
120 25.6 12.9 38.6



#74
N-ethyl acetate
Concen: 19.552 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. 0.000 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

Tgt Ion: 43 Resp: 111397
Ion Ratio Lower Upper
43 100
70 46.1 36.9 55.3
55 26.2 20.6 31.0
61 26.2 20.5 30.7

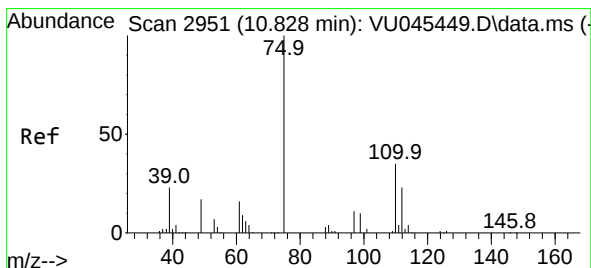
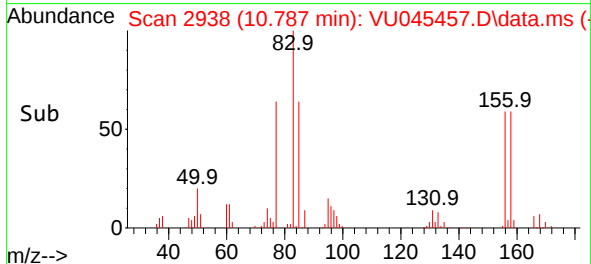
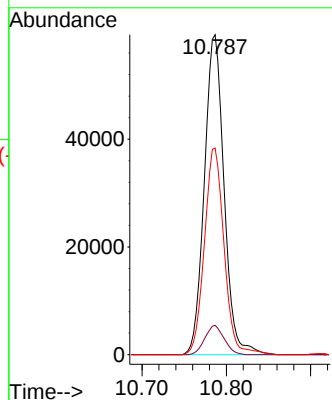
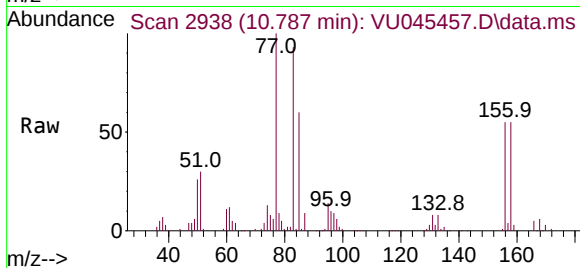




#75
1,1,2,2-Tetrachloroethane
Concen: 21.411 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

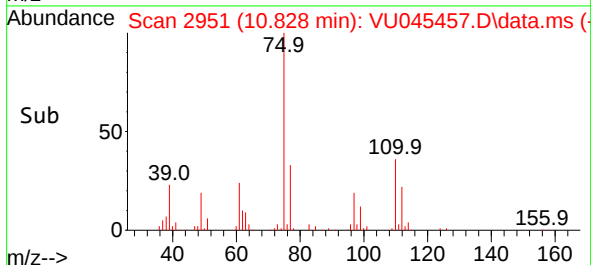
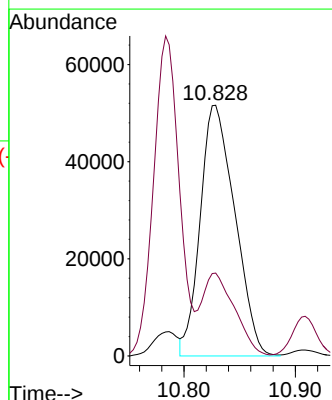
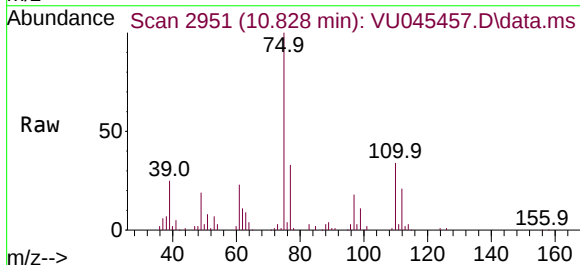
Instrument :
MSVOA_U
ClientSampleId :
VU1029WBS01

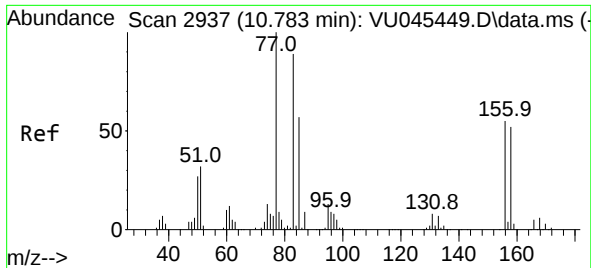
Tgt Ion: 83 Resp: 96911
Ion Ratio Lower Upper
83 100
131 8.9 4.4 13.2
85 64.3 31.9 95.9



#76
1,2,3-Trichloropropane
Concen: 24.770 ug/l
RT: 10.828 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

Tgt Ion: 75 Resp: 111619
Ion Ratio Lower Upper
75 100
77 29.7 17.1 51.3

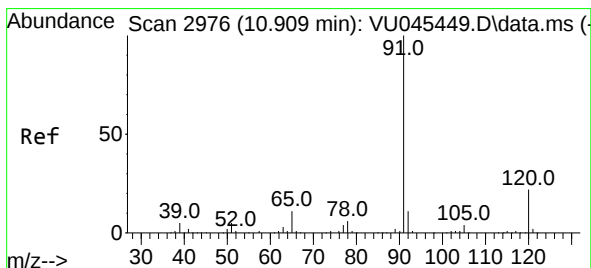
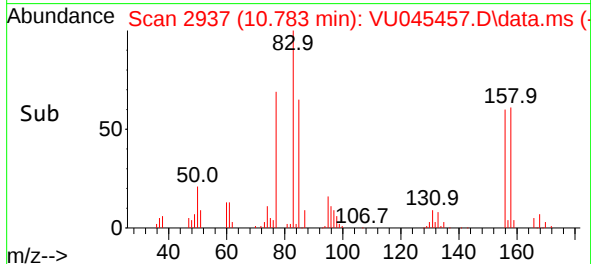
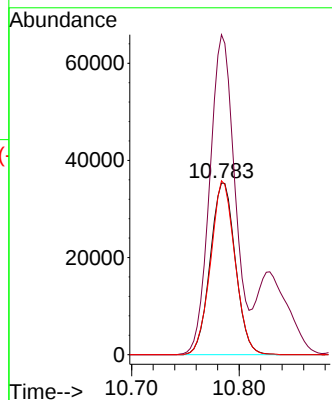
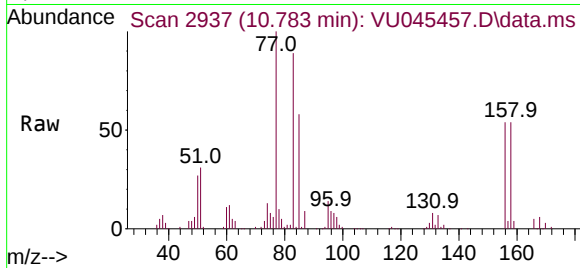




#77
Bromobenzene
Concen: 21.554 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

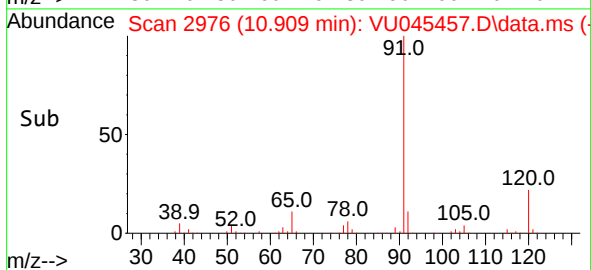
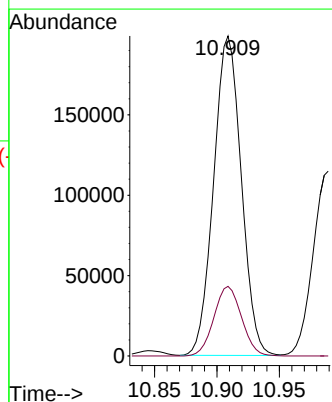
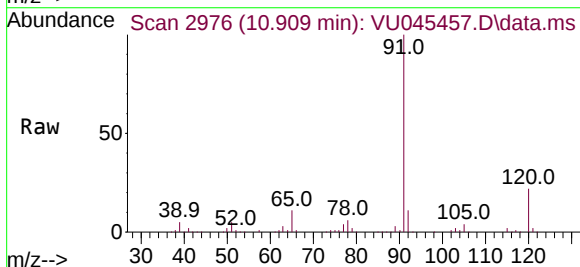
Instrument :
MSVOA_U
ClientSampleId :
VU1029WBS01

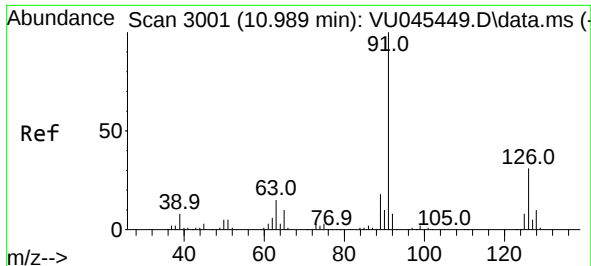
Tgt Ion:156 Resp: 57354
Ion Ratio Lower Upper
156 100
77 184.7 91.1 273.4
158 98.4 47.9 143.6



#78
n-propylbenzene
Concen: 22.179 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.000 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

Tgt Ion: 91 Resp: 306655
Ion Ratio Lower Upper
91 100
120 21.8 10.9 32.7





#79

2-Chlorotoluene

Concen: 21.858 ug/l

RT: 10.989 min Scan# 3001

Delta R.T. 0.000 min

Lab File: VU045457.D

Acq: 29 Oct 2021 12:27

Instrument :

MSVOA_U

ClientSampleId :

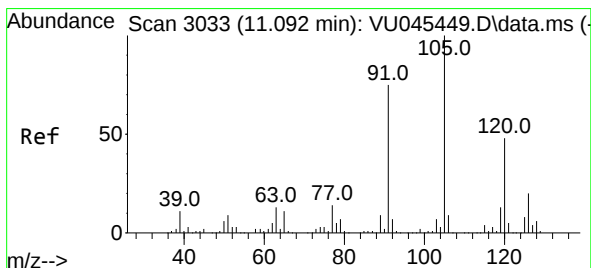
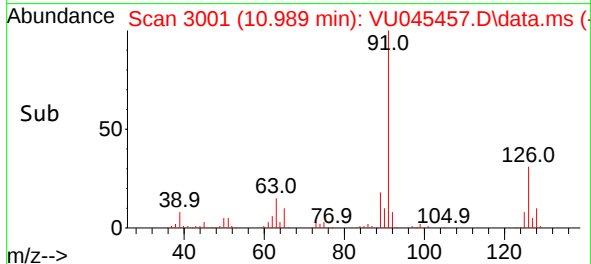
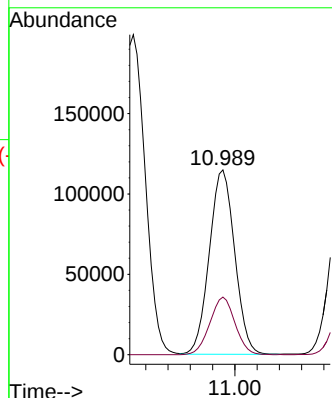
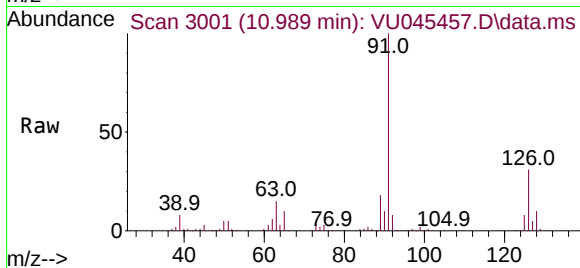
VU1029WBS01

Tgt Ion: 91 Resp: 181908

Ion Ratio Lower Upper

91 100

126 30.8 15.6 46.8



#80

1,3,5-Trimethylbenzene

Concen: 22.241 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. -0.003 min

Lab File: VU045457.D

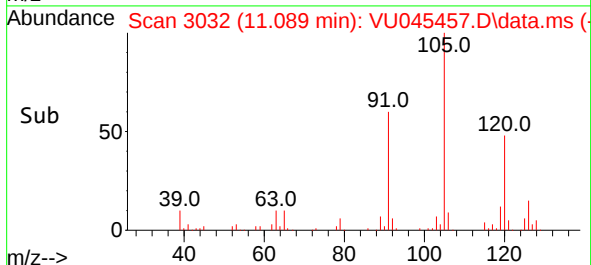
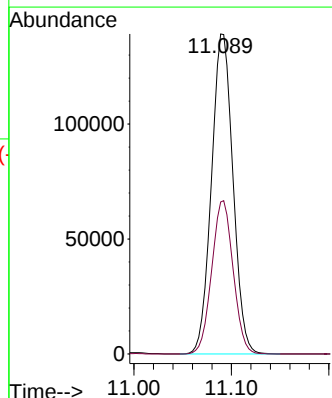
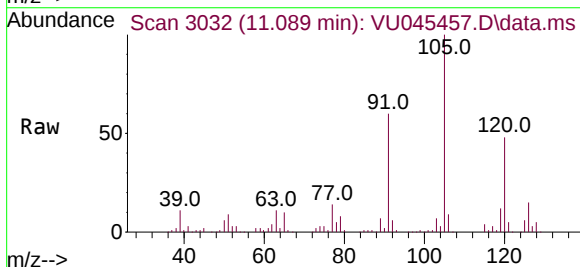
Acq: 29 Oct 2021 12:27

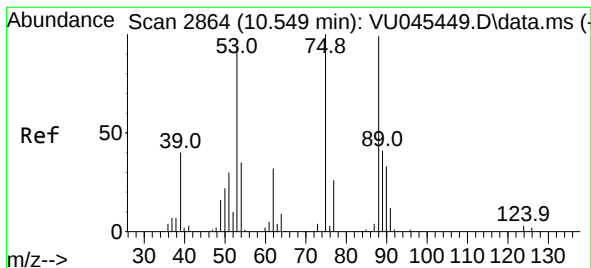
Tgt Ion: 105 Resp: 213432

Ion Ratio Lower Upper

105 100

120 47.7 23.9 71.8

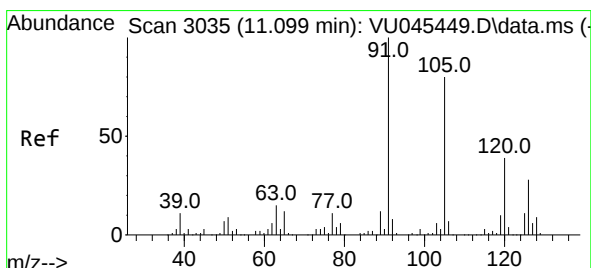
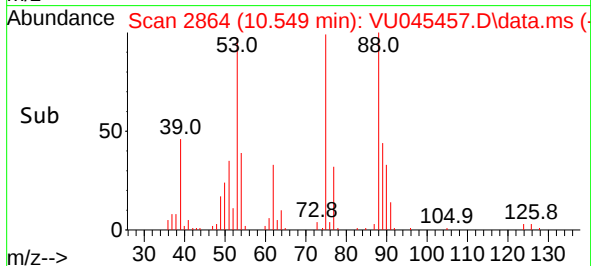
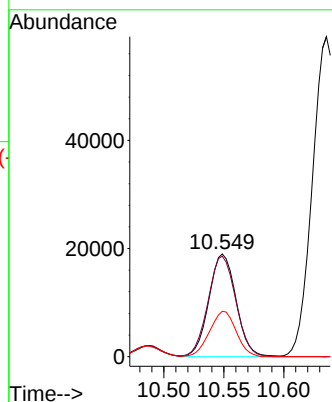
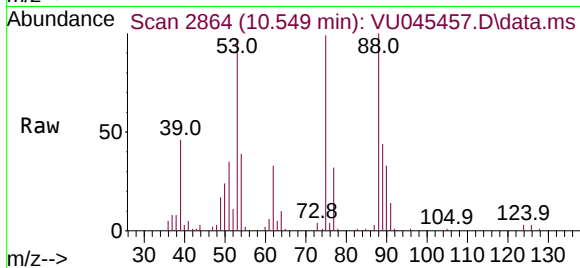




#81
trans-1,4-Dichloro-2-butene
Concen: 20.295 ug/l
RT: 10.549 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

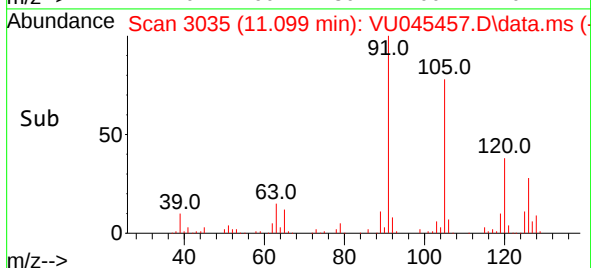
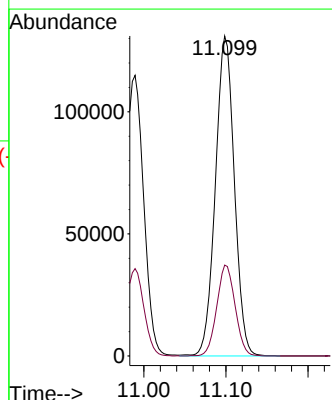
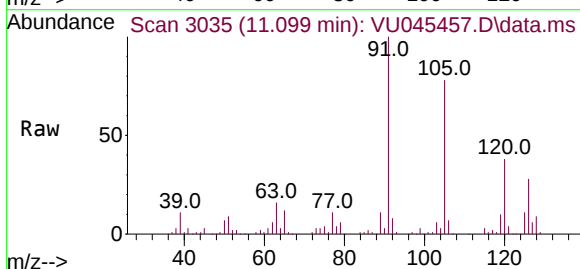
Instrument :
MSVOA_U
ClientSampleId :
VU1029WBS01

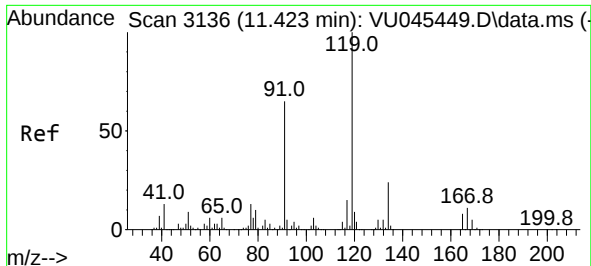
Tgt Ion: 75 Resp: 29973
Ion Ratio Lower Upper
75 100
53 99.6 76.2 114.4
89 43.2 34.0 51.0



#82
4-Chlorotoluene
Concen: 22.280 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

Tgt Ion: 91 Resp: 210850
Ion Ratio Lower Upper
91 100
126 27.4 13.8 41.4

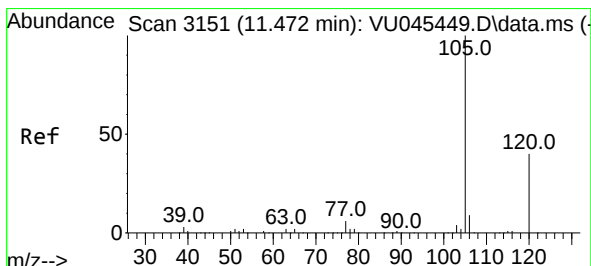
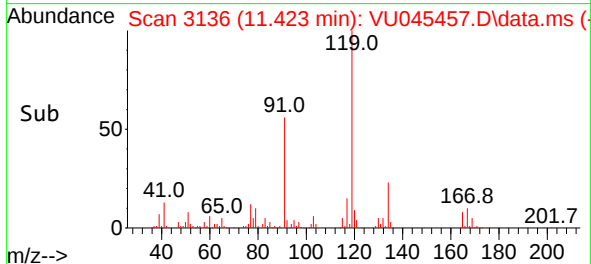
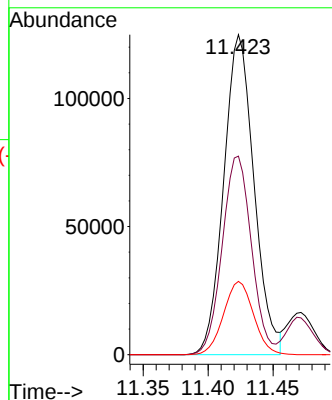
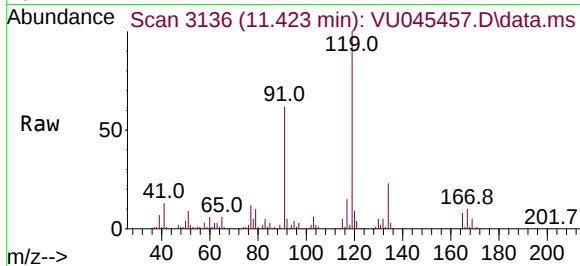




#83
tert-Butylbenzene
Concen: 21.897 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

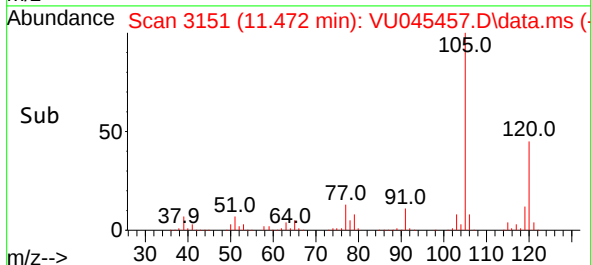
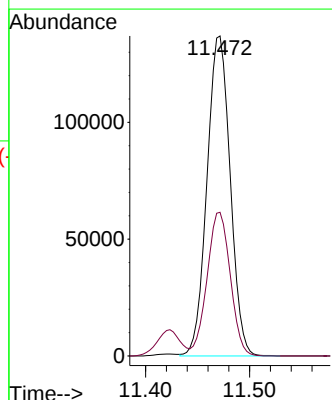
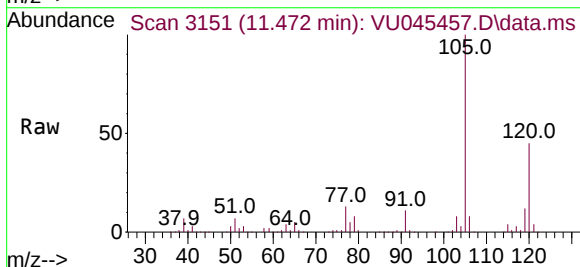
Instrument :
MSVOA_U
ClientSampleId :
VU1029WBS01

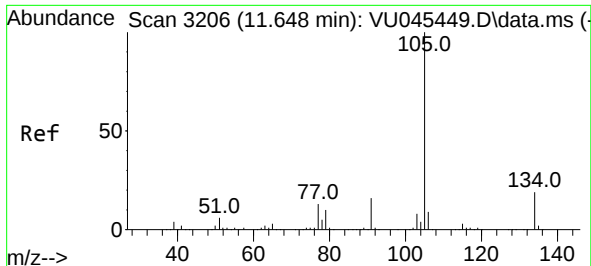
Tgt Ion:119 Resp: 202832
Ion Ratio Lower Upper
119 100
91 60.0 30.5 91.5
134 22.6 11.5 34.5



#84
1,2,4-Trimethylbenzene
Concen: 22.073 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

Tgt Ion:105 Resp: 212231
Ion Ratio Lower Upper
105 100
120 44.8 22.2 66.6

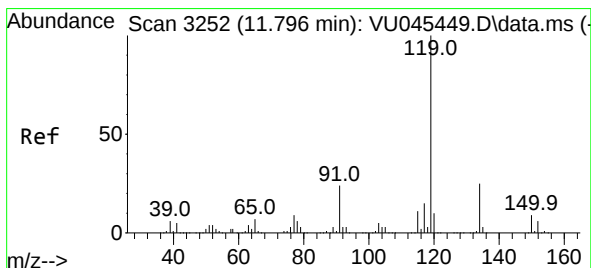
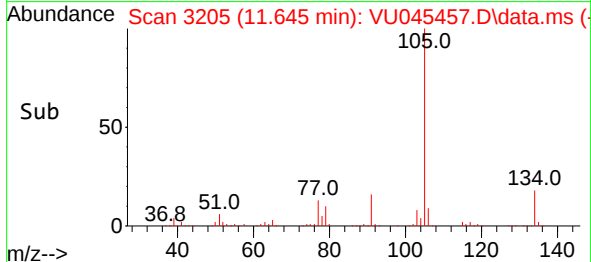
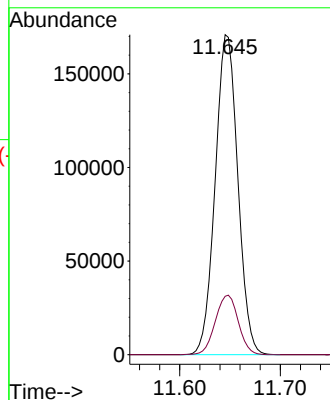
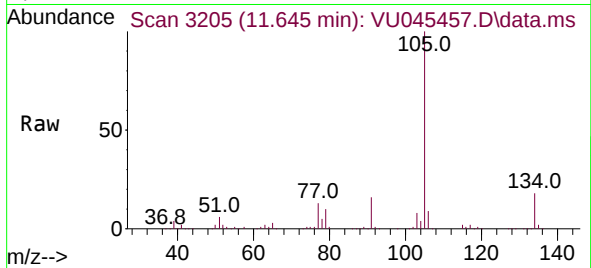




#85
 sec-Butylbenzene
 Concen: 21.974 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU045457.D
 Acq: 29 Oct 2021 12:27

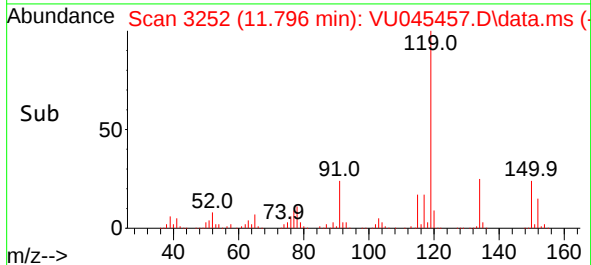
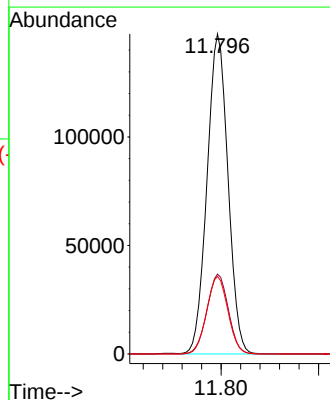
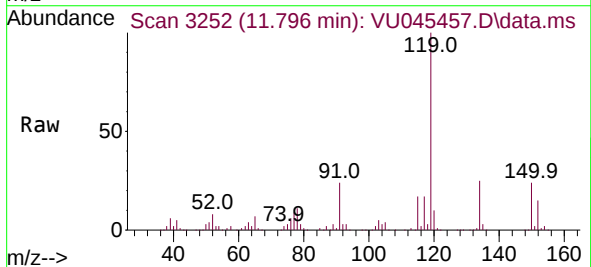
Instrument :
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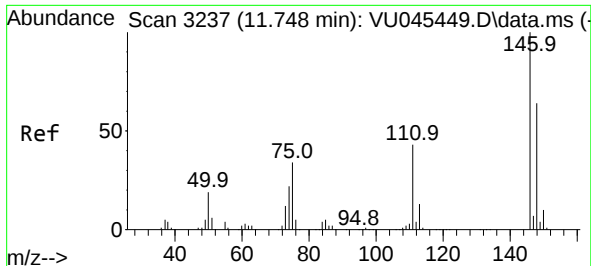
Tgt Ion:105 Resp: 267102
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.4 28.3



#86
 p-Isopropyltoluene
 Concen: 20.524 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU045457.D
 Acq: 29 Oct 2021 12:27

Tgt Ion:119 Resp: 219813
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.7 38.1
 91 24.6 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 21.114 ug/l

RT: 11.748 min Scan# 3237

Delta R.T. 0.000 min

Lab File: VU045457.D

Acq: 29 Oct 2021 12:27

Instrument :

MSVOA_U

ClientSampleId :

VU1029WBS01

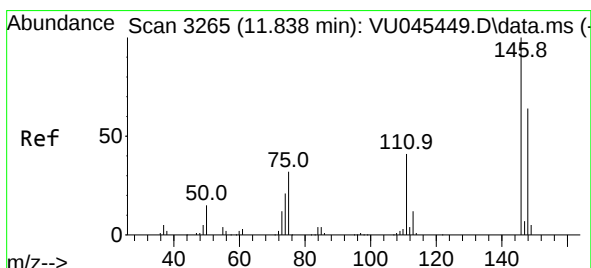
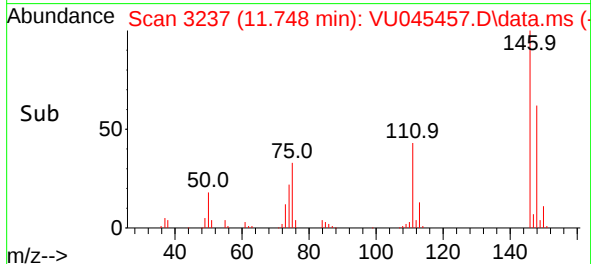
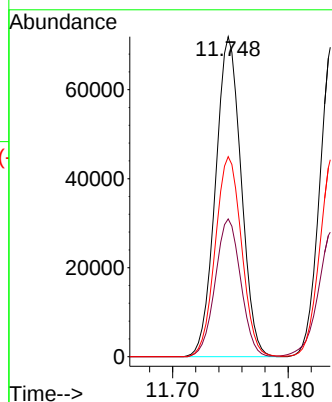
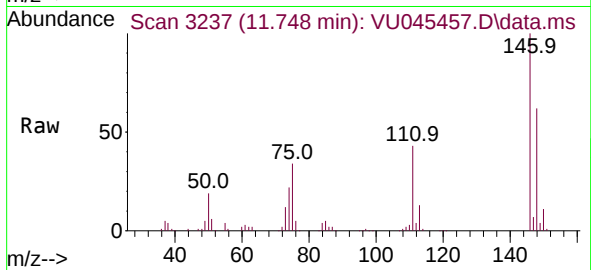
Tgt Ion:146 Resp: 110902

Ion Ratio Lower Upper

146 100

111 42.9 21.3 63.9

148 64.1 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 20.887 ug/l

RT: 11.838 min Scan# 3265

Delta R.T. 0.000 min

Lab File: VU045457.D

Acq: 29 Oct 2021 12:27

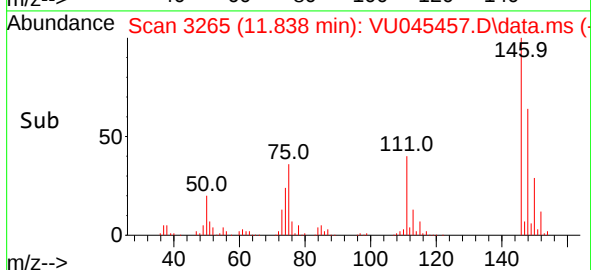
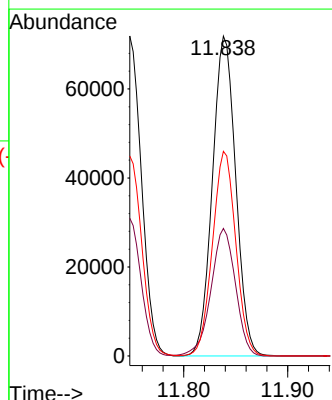
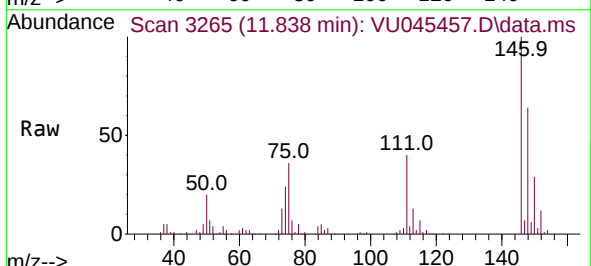
Tgt Ion:146 Resp: 112187

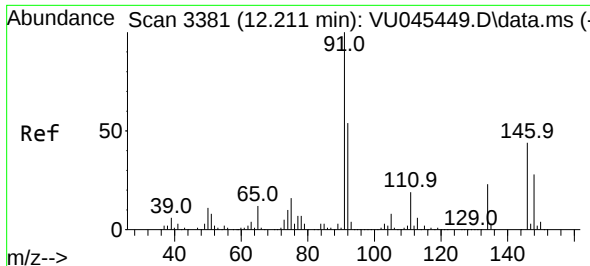
Ion Ratio Lower Upper

146 100

111 41.8 20.6 61.9

148 64.1 31.9 95.7

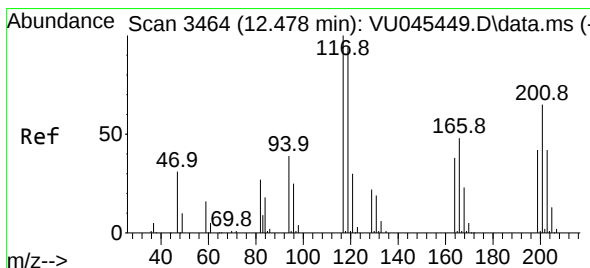
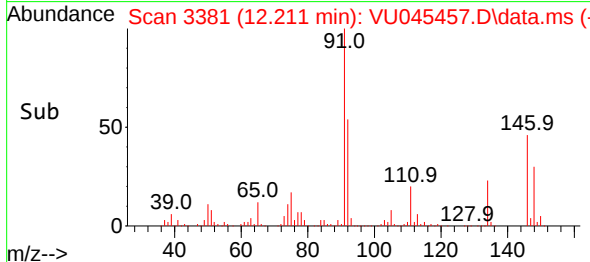
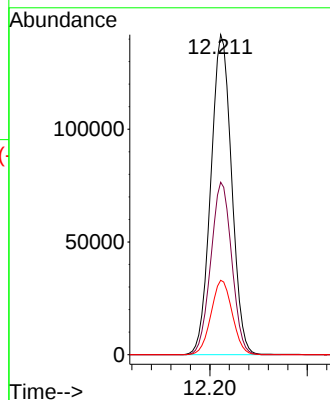
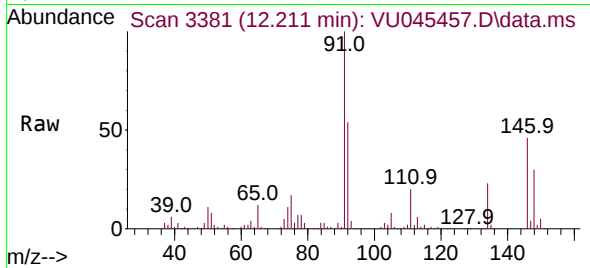




#89
n-Butylbenzene
Concen: 20.487 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

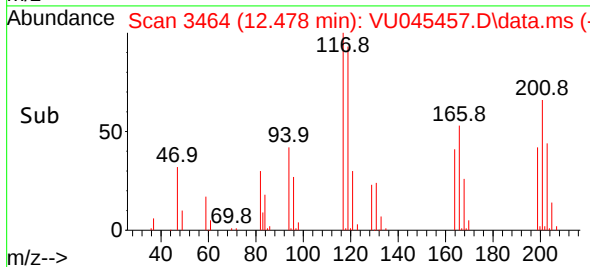
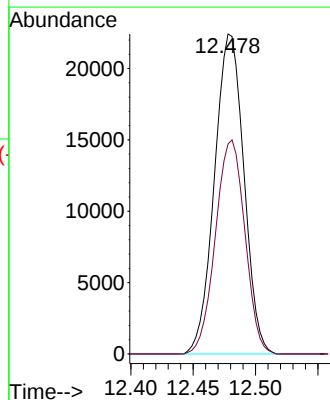
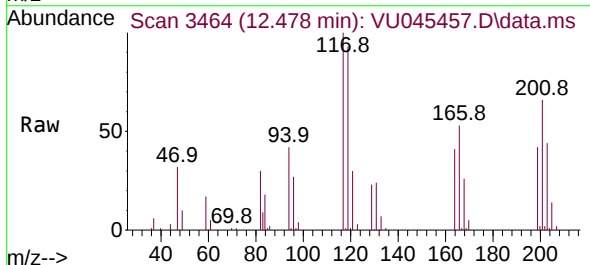
Instrument :
MSVOA_U
ClientSampleId :
VU1029WBS01

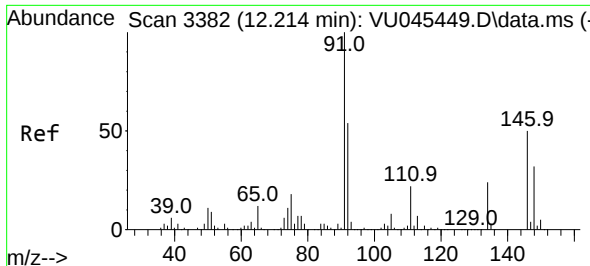
Tgt Ion: 91 Resp: 209983
Ion Ratio Lower Upper
91 100
92 54.2 27.1 81.2
134 23.7 11.8 35.4



#90
Hexachloroethane
Concen: 21.264 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.000 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

Tgt Ion: 117 Resp: 36893
Ion Ratio Lower Upper
117 100
201 66.8 33.8 101.4

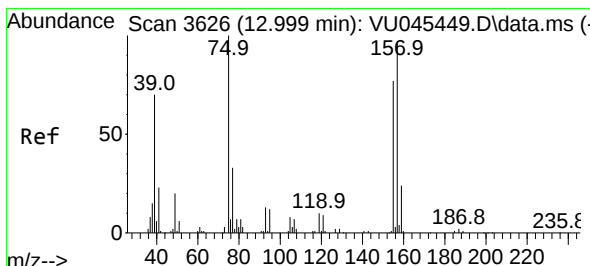
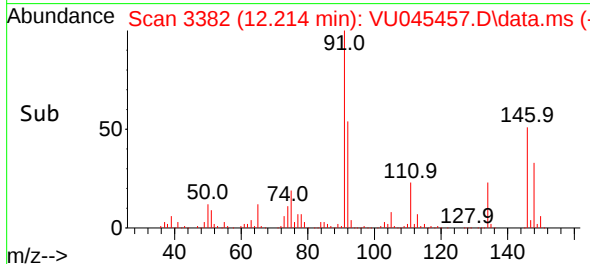
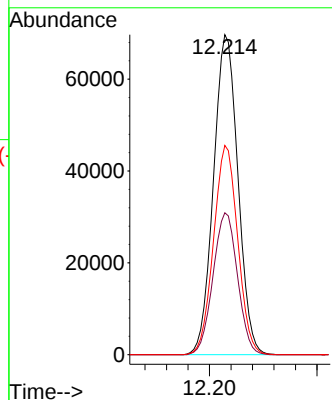
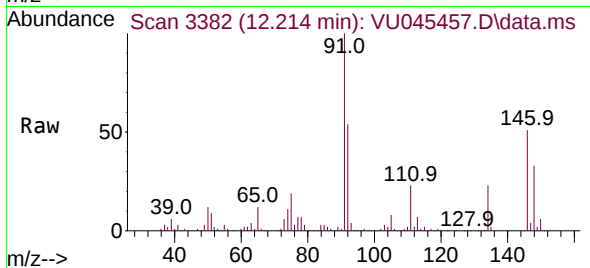




#91
1,2-Dichlorobenzene
Concen: 20.932 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

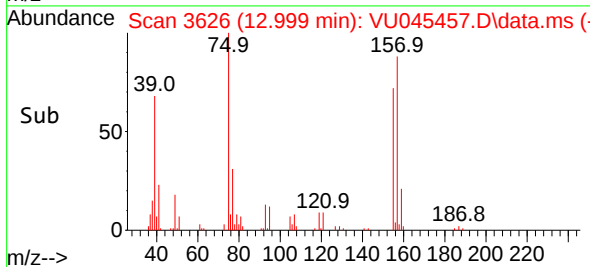
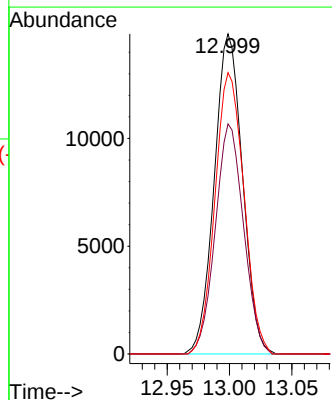
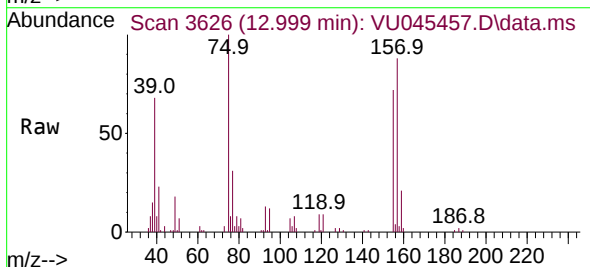
Instrument :
MSVOA_U
ClientSampleId :
VU1029WBS01

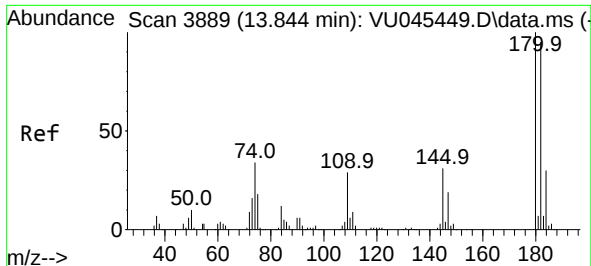
Tgt Ion:146 Resp: 109967
Ion Ratio Lower Upper
146 100
111 44.4 21.9 65.5
148 64.6 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.550 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

Tgt Ion: 75 Resp: 23428
Ion Ratio Lower Upper
75 100
155 71.9 37.8 113.3
157 89.8 48.4 145.2

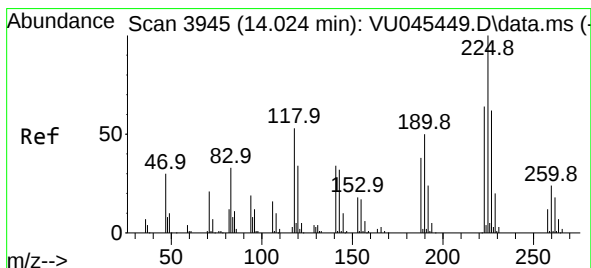
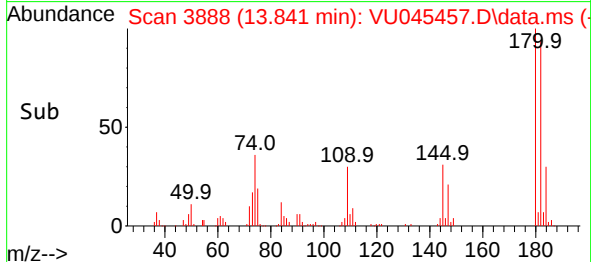
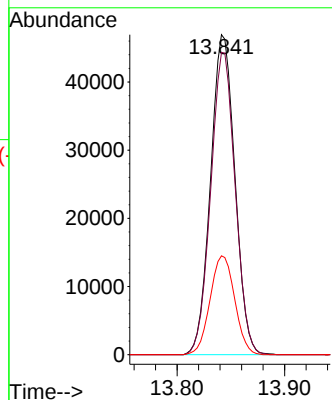
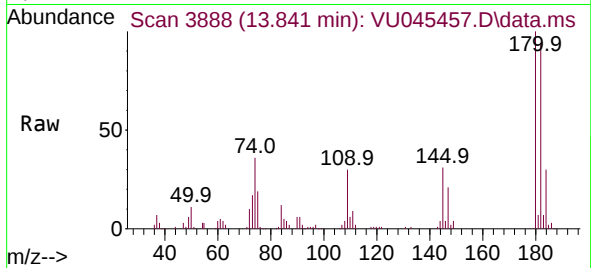




#93
1,2,4-Trichlorobenzene
Concen: 20.972 ug/l
RT: 13.841 min Scan# 3889
Delta R.T. -0.003 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

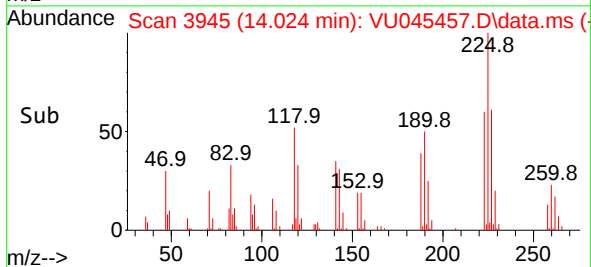
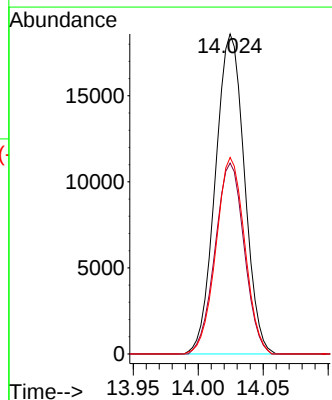
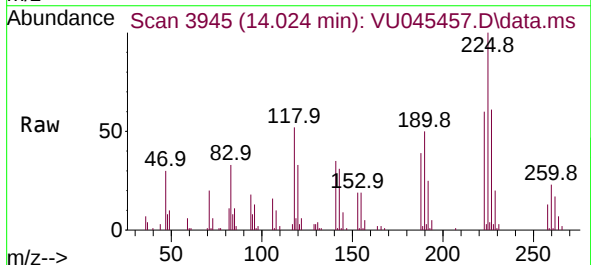
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ClientSampleId :
VU1029WBS01

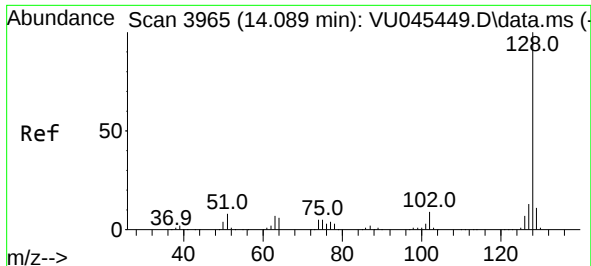
Tgt Ion:180 Resp: 73781
Ion Ratio Lower Upper
180 100
182 94.8 47.0 141.2
145 31.3 15.6 46.7



#94
Hexachlorobutadiene
Concen: 22.543 ug/l
RT: 14.024 min Scan# 3945
Delta R.T. 0.000 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

Tgt Ion:225 Resp: 28876
Ion Ratio Lower Upper
225 100
223 59.8 32.0 96.2
227 60.7 31.1 93.5

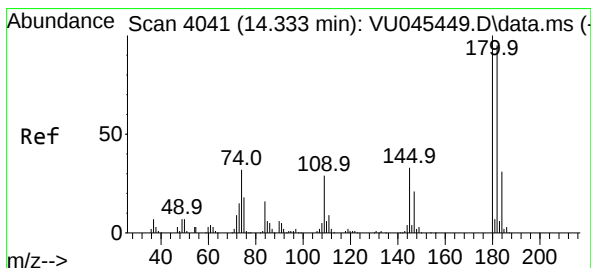
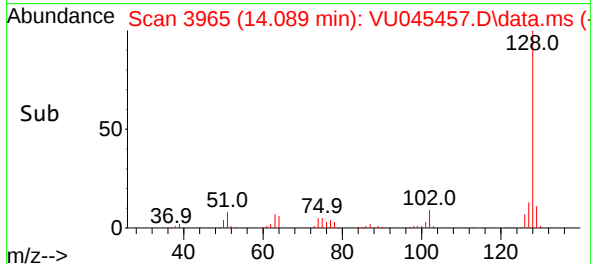
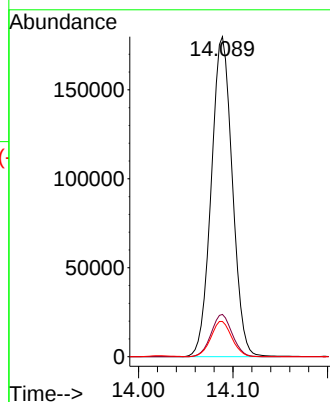
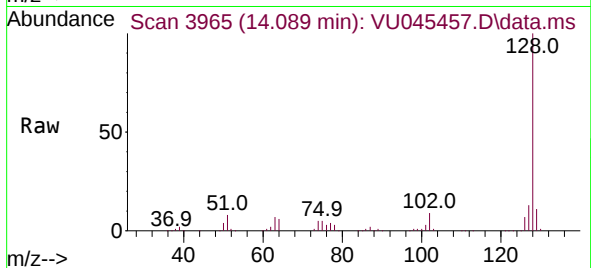




#95
Naphthalene
Concen: 20.070 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

Instrument :
MSVOA_U
ClientSampleId :
VU1029WBS01

Tgt Ion:	128	Resp:	278312
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	11.0	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 21.489 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU045457.D
Acq: 29 Oct 2021 12:27

Tgt Ion:	180	Resp:	76203
Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.7	143.1
145	32.9	16.7	50.0

