

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102621\
 Data File : VU045404.D
 Acq On : 26 Oct 2021 16:35
 Operator : SY/MD
 Sample : VU1026WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 27 04:40:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.376	168	187876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	345741	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	319437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	151148	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.704	65	154257	49.324	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.640%
35) Dibromofluoromethane	5.292	113	112567	51.611	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.220%
50) Toluene-d8	7.900	98	432974	50.242	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.480%
62) 4-Bromofluorobenzene	10.636	95	162463	45.663	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.320%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	54011	23.215	ug/l	99
3) Chloromethane	1.520	50	76937	25.531	ug/l	99
4) Vinyl Chloride	1.604	62	66617	22.139	ug/l	99
5) Bromomethane	1.858	94	37368	31.660	ug/l	98
6) Chloroethane	1.932	64	41902	18.127	ug/l	100
7) Trichlorofluoromethane	2.138	101	78914	19.859	ug/l	99
8) Diethyl Ether	2.379	74	36450	20.016	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.581	101	47981	21.232	ug/l	97
10) Methyl Iodide	2.726	142	65221	27.040	ug/l	95
11) Tert butyl alcohol	3.202	59	65750	73.252	ug/l #	93
12) 1,1-Dichloroethene	2.581	96	47254	21.214	ug/l	93
13) Acrolein	2.491	56	20357	117.990	ug/l	96
14) Allyl chloride	2.926	41	88298	21.420	ug/l	96
15) Acrylonitrile	3.321	53	176839	97.689	ug/l	100
16) Acetone	2.636	43	157931	85.075	ug/l	99
17) Carbon Disulfide	2.797	76	130501	19.847	ug/l	100
18) Methyl Acetate	2.951	43	124392	22.927	ug/l	95
19) Methyl tert-butyl Ether	3.366	73	185180	21.536	ug/l	99
20) Methylene Chloride	3.048	84	59503	21.281	ug/l	94
21) trans-1,2-Dichloroethene	3.356	96	51013	20.935	ug/l	97
22) Diisopropyl ether	3.996	45	182023	21.628	ug/l	98
23) Vinyl Acetate	3.958	43	699025	102.123	ug/l	98
24) 1,1-Dichloroethane	3.874	63	103487	21.420	ug/l	100
25) 2-Butanone	4.707	43	235956	89.463	ug/l	98
26) 2,2-Dichloropropane	4.668	77	86547	21.188	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	60424	20.996	ug/l	97
28) Bromochloromethane	4.977	49	33431	16.695	ug/l	96
29) Tetrahydrofuran	5.057	42	148474	94.567	ug/l	96
30) Chloroform	5.093	83	101639	20.872	ug/l	98
31) Cyclohexane	5.392	56	98148	20.660	ug/l	97
32) 1,1,1-Trichloroethane	5.321	97	83965	20.898	ug/l	98
36) 1,1-Dichloropropene	5.530	75	74471	20.597	ug/l	99
37) Ethyl Acetate	4.806	43	90238	18.863	ug/l	98
38) Carbon Tetrachloride	5.527	117	65645	20.982	ug/l	99
39) Methylcyclohexane	6.768	83	92602	20.863	ug/l	98
40) Benzene	5.777	78	224983	20.892	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.974	41	47990	19.486	ug/l	97
42) 1,2-Dichloroethane	5.797	62	84481	19.960	ug/l	99
43) Isopropyl Acetate	5.913	43	137593	19.118	ug/l	98
44) Trichloroethene	6.546	130	53675	21.141	ug/l	100
45) 1,2-Dichloropropane	6.793	63	60243	21.101	ug/l	98
46) Dibromomethane	6.922	93	39754	20.670	ug/l	99
47) Bromodichloromethane	7.109	83	78889	21.125	ug/l	98
48) Methyl methacrylate	6.964	41	65754	18.770	ug/l	95
49) 1,4-Dioxane	6.996	88	27264	276.539	ug/l #	82
51) 4-Methyl-2-Pentanone	7.793	43	447819	85.468	ug/l	97
52) Toluene	7.974	92	139649	20.720	ug/l	100
53) t-1,3-Dichloropropene	8.215	75	87395	20.465	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	95681	21.510	ug/l	94
55) 1,1,2-Trichloroethane	8.404	97	57202	20.370	ug/l	98
56) Ethyl methacrylate	8.337	69	95193	18.643	ug/l	95
57) 1,3-Dichloropropane	8.578	76	98620	19.678	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.465	63	187949	120.278	ug/l	98
59) 2-Hexanone	8.687	43	347622	81.472	ug/l	96
60) Dibromochloromethane	8.813	129	54603	19.716	ug/l	100
61) 1,2-Dibromoethane	8.925	107	59482	19.927	ug/l	100
64) Tetrachloroethene	8.555	164	43637	20.930	ug/l	96
65) Chlorobenzene	9.449	112	139022	20.758	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.539	131	48629	20.798	ug/l	99
67) Ethyl Benzene	9.572	91	258491	20.975	ug/l	100
68) m/p-Xylenes	9.697	106	193976	40.514	ug/l	98
69) o-Xylene	10.102	106	97712	20.563	ug/l	99
70) Styrene	10.118	104	160743	20.164	ug/l	100
71) Bromoform	10.295	173	38608	17.956	ug/l #	97
73) Isopropylbenzene	10.488	105	249995	22.210	ug/l	100
74) N-amyl acetate	10.321	43	121080	21.364	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.787	83	98424	20.209	ug/l	99
76) 1,2,3-Trichloropropane	10.829	75	112776	25.580	ug/l	90
77) Bromobenzene	10.784	156	57564	21.179	ug/l	99
78) n-propylbenzene	10.909	91	300256	21.890	ug/l	100
79) 2-Chlorotoluene	10.989	91	182616	21.240	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	212186	21.519	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	31094	19.573	ug/l	96
82) 4-Chlorotoluene	11.099	91	207693	21.371	ug/l	100
83) tert-Butylbenzene	11.424	119	205510	21.427	ug/l	99
84) 1,2,4-Trimethylbenzene	11.469	105	213601	21.896	ug/l	99
85) sec-Butylbenzene	11.645	105	266116	21.546	ug/l	100
86) p-Isopropyltoluene	11.797	119	217021	21.843	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	108667	20.878	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	109376	20.542	ug/l	98
89) n-Butylbenzene	12.211	91	201480	22.017	ug/l	100
90) Hexachloroethane	12.478	117	34612	19.292	ug/l	98
91) 1,2-Dichlorobenzene	12.214	146	111190	20.898	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	24036	20.917	ug/l	100
93) 1,2,4-Trichlorobenzene	13.845	180	73061	24.640	ug/l	100
94) Hexachlorobutadiene	14.025	225	28028	22.644	ug/l	99
95) Naphthalene	14.089	128	282598	25.340	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	73654	24.733	ug/l	98

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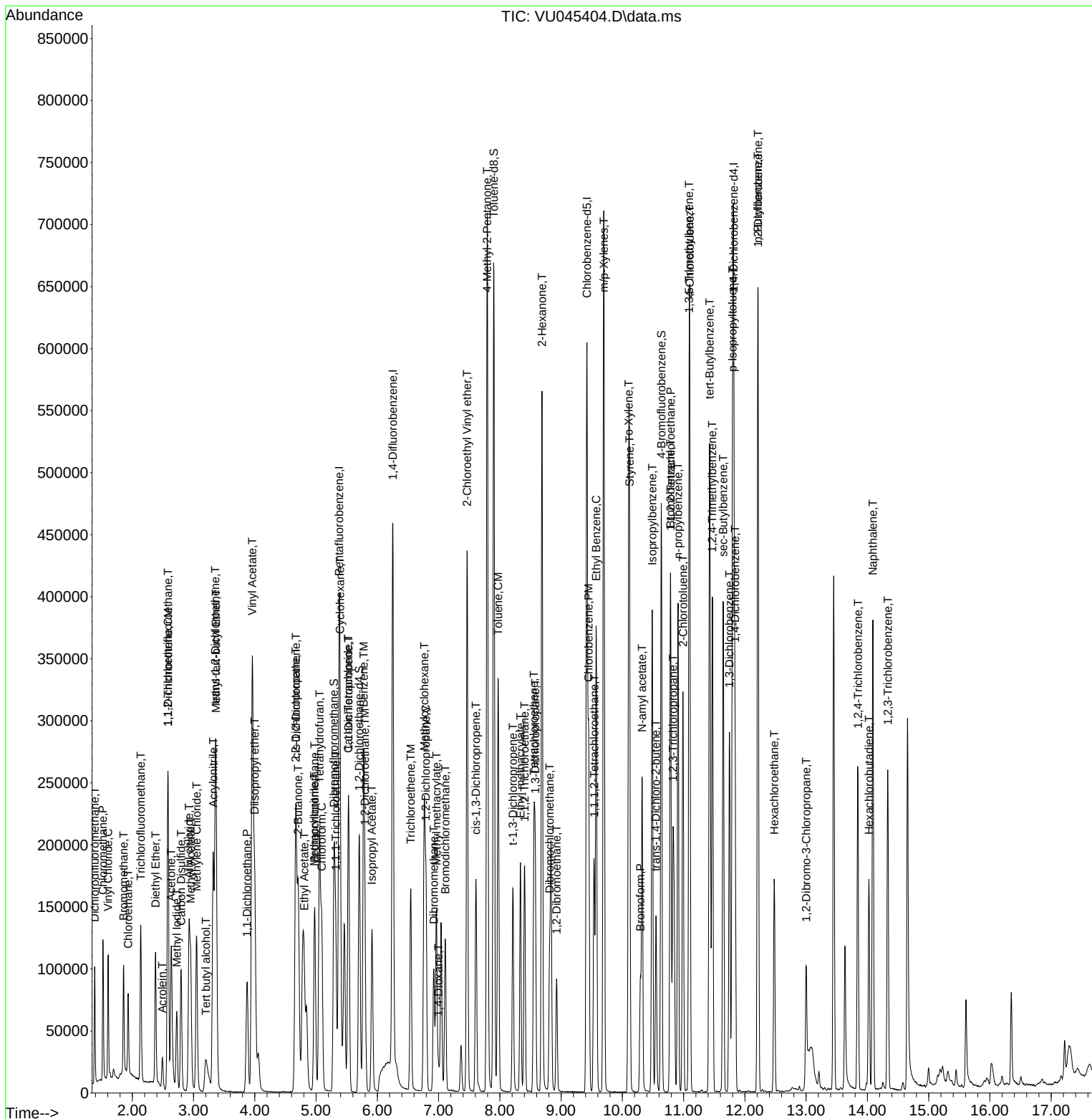
Instrument :
MSVOA_U
ClientSampleId :

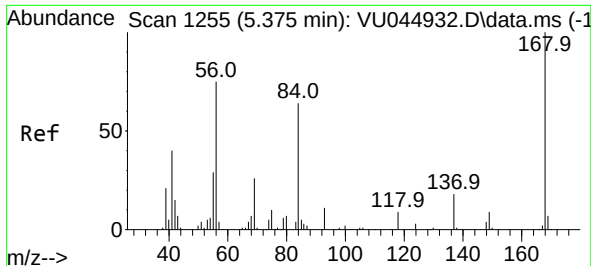
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

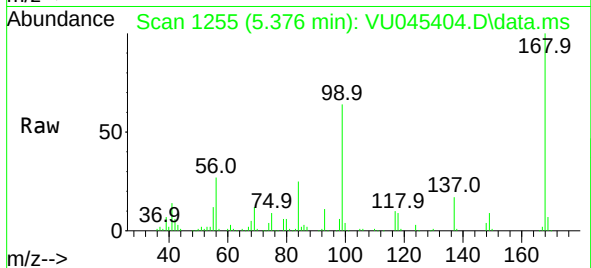
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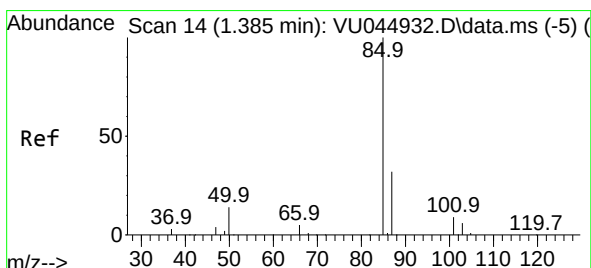
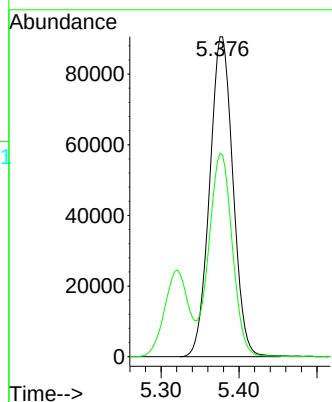
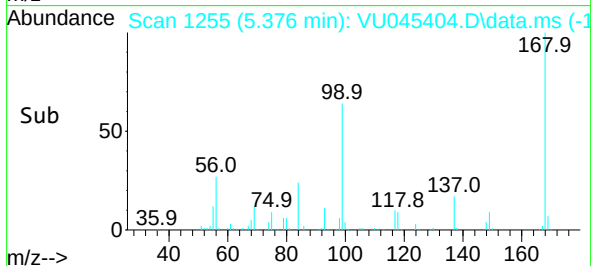


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.376 min Scan# 11
Delta R.T. 0.001 min
Lab File: VU045404.D
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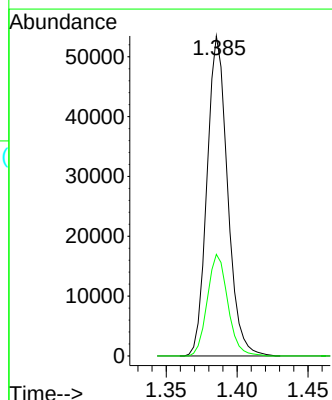
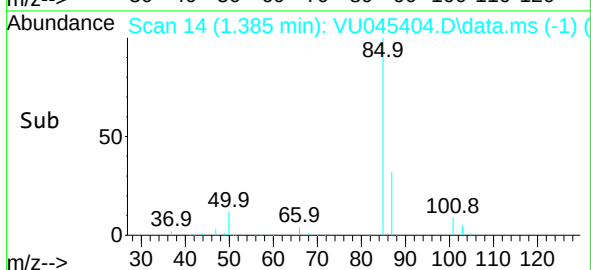
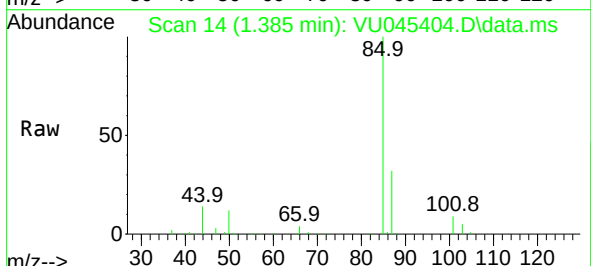


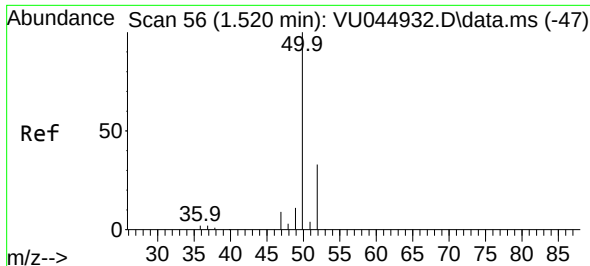
Tgt Ion:168 Resp: 187876
Ion Ratio Lower Upper
168 100
99 63.4 51.4 77.0



#2
Dichlorodifluoromethane
Concen: 23.215 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045404.D
Acq: 26 Oct 2021 16:35

Tgt Ion: 85 Resp: 54011
Ion Ratio Lower Upper
85 100
87 31.8 15.7 47.0

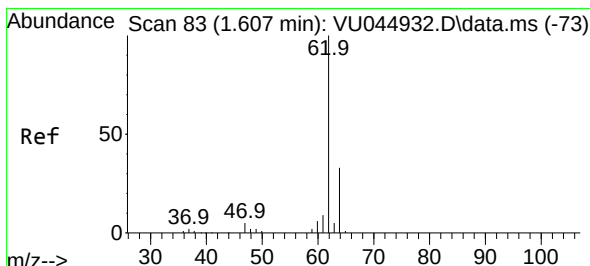
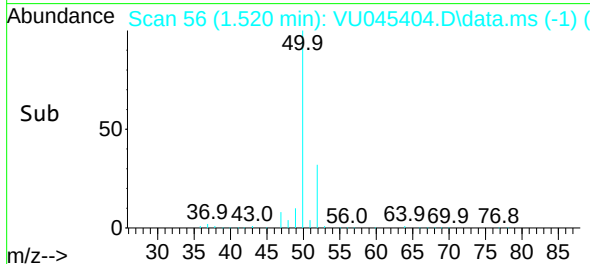
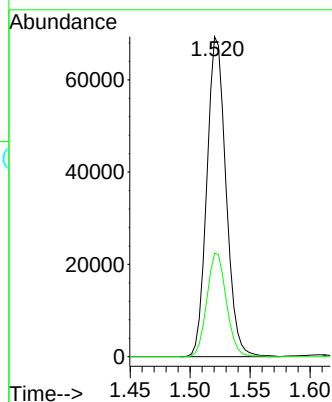
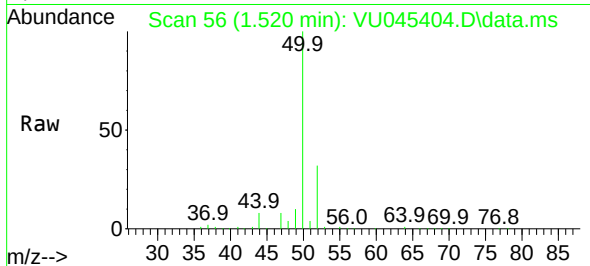




#3
Chloromethane
Concen: 25.531 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU045404.D
Acq: 26 Oct 2021 16:35

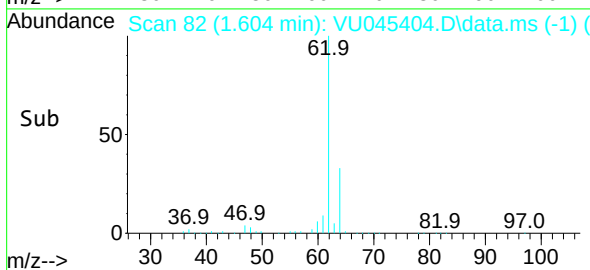
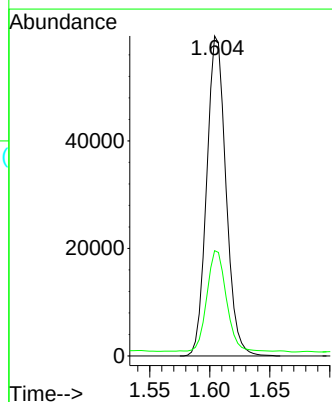
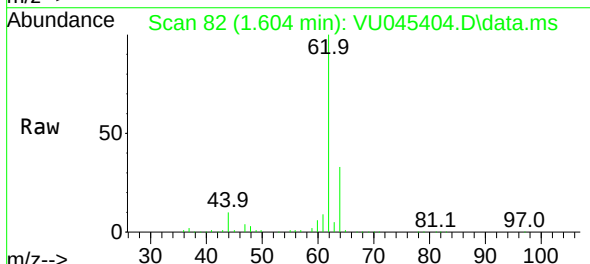
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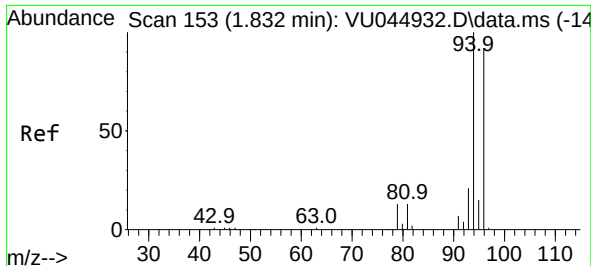
Tgt Ion: 50 Resp: 76937
Ion Ratio Lower Upper
50 100
52 32.3 26.3 39.5



#4
Vinyl Chloride
Concen: 22.139 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.003 min
Lab File: VU045404.D
Acq: 26 Oct 2021 16:35

Tgt Ion: 62 Resp: 66617
Ion Ratio Lower Upper
62 100
64 31.3 25.6 38.4

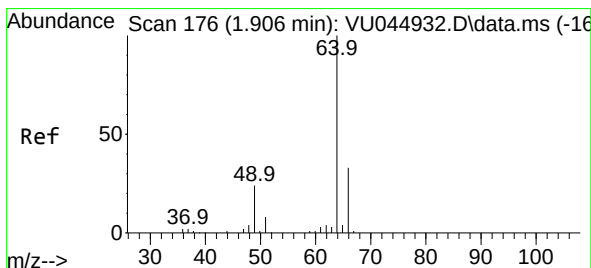
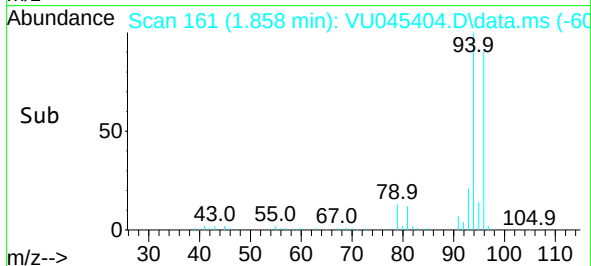
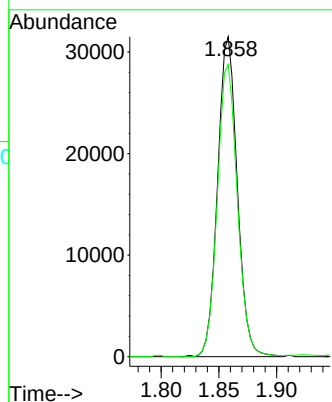
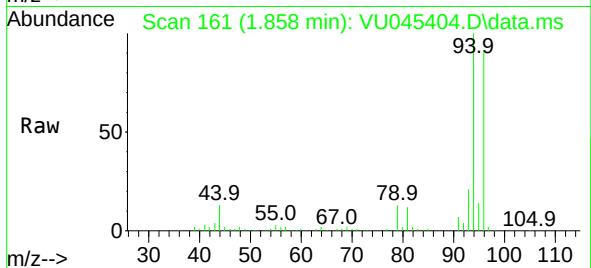




#5
Bromomethane
Concen: 31.660 ug/l
RT: 1.858 min Scan# 1
Delta R.T. 0.026 min
Lab File: VU045404.D
Acq: 26 Oct 2021 16:35

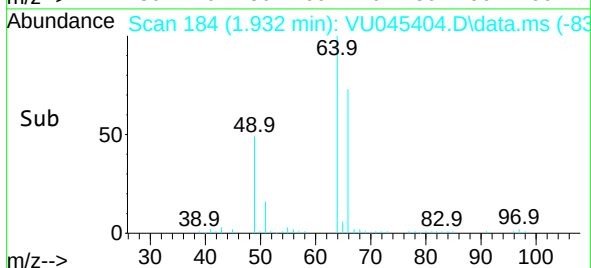
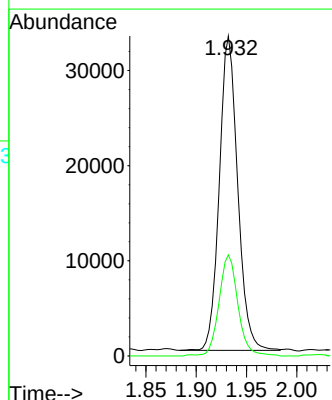
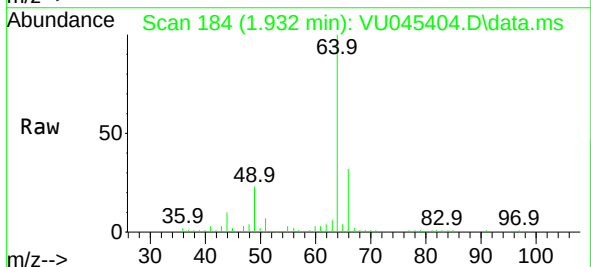
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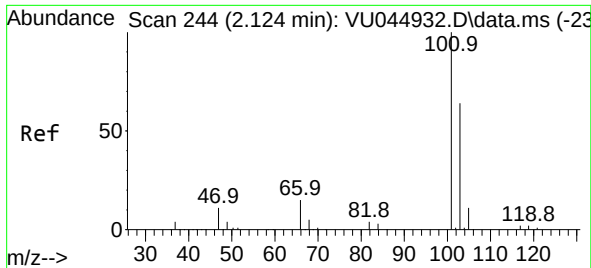
Tgt Ion: 94 Resp: 37368
Ion Ratio Lower Upper
94 100
96 91.3 74.5 111.7



#6
Chloroethane
Concen: 18.127 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.026 min
Lab File: VU045404.D
Acq: 26 Oct 2021 16:35

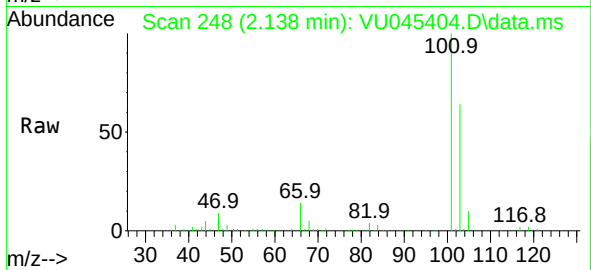
Tgt Ion: 64 Resp: 41902
Ion Ratio Lower Upper
64 100
66 32.2 25.8 38.8



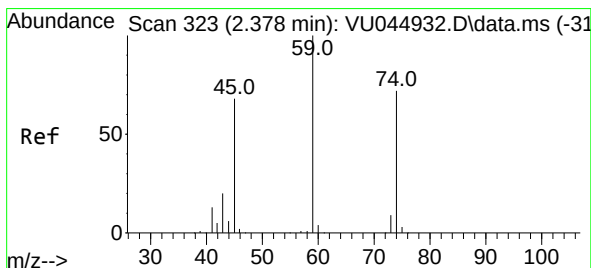
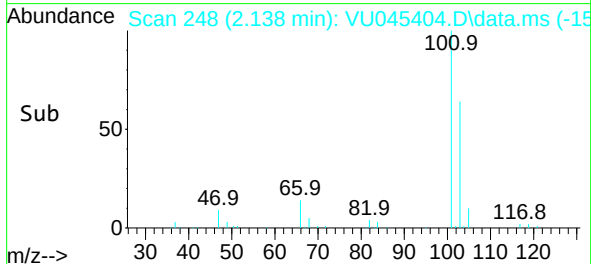
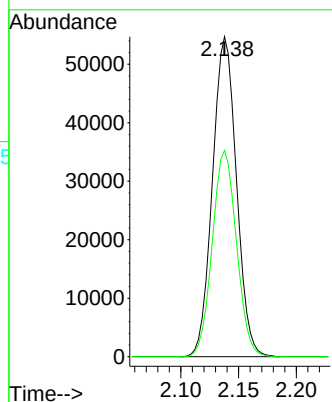


#7
 Trichlorofluoromethane
 Concen: 19.859 ug/l
 RT: 2.138 min Scan# 244
 Delta R.T. 0.014 min
 Lab File: VU045404.D
 Acq: 26 Oct 2021 16:35

Instrument :
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 ClientSampleId :

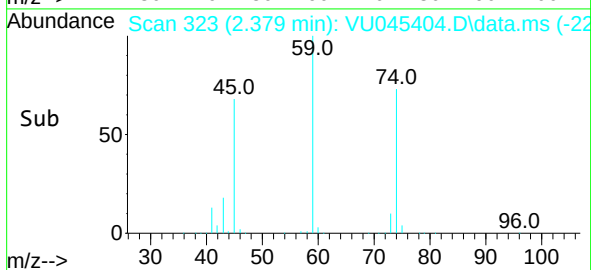
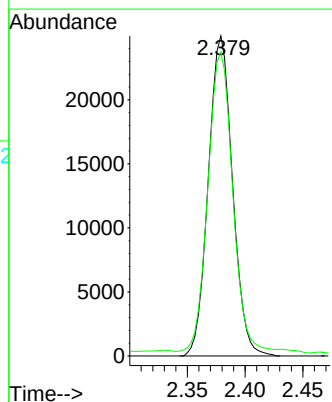
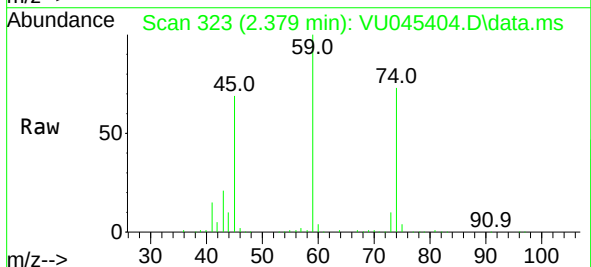


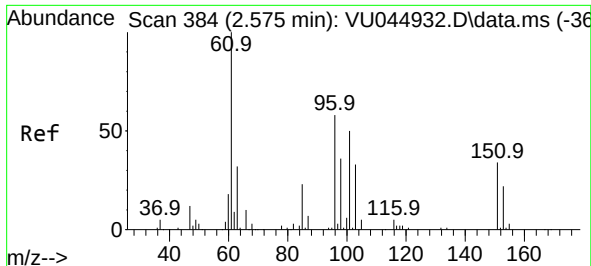
Tgt Ion:101 Resp: 78914
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.2 76.8



#8
 Diethyl Ether
 Concen: 20.016 ug/l
 RT: 2.379 min Scan# 323
 Delta R.T. 0.001 min
 Lab File: VU045404.D
 Acq: 26 Oct 2021 16:35

Tgt Ion: 74 Resp: 36450
 Ion Ratio Lower Upper
 74 100
 45 97.8 52.2 156.6

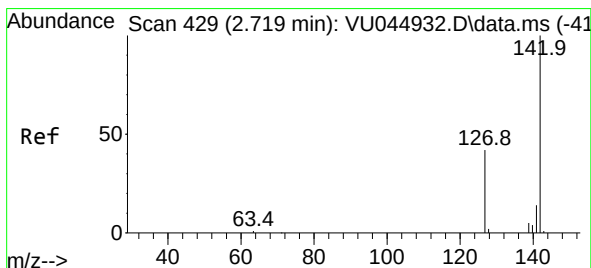
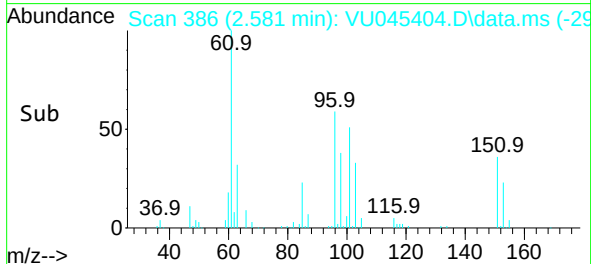
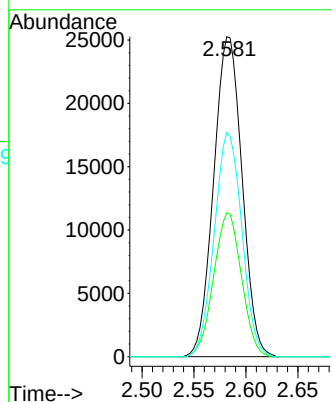
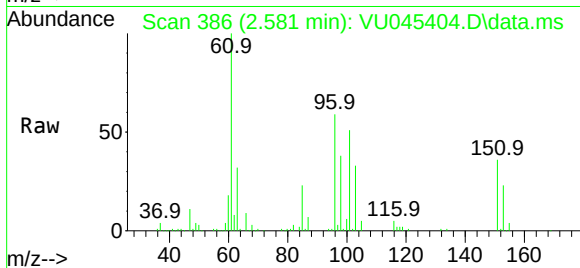




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.232 ug/l
RT: 2.581 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU045404.D
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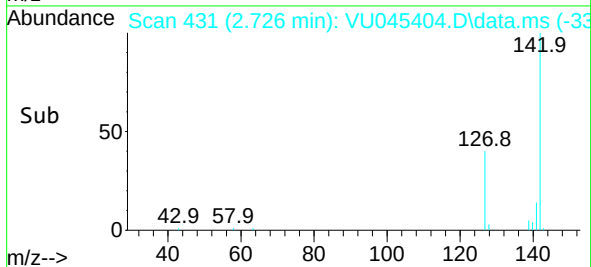
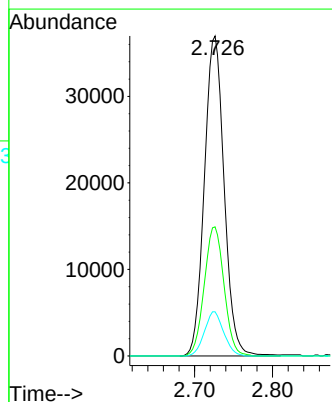
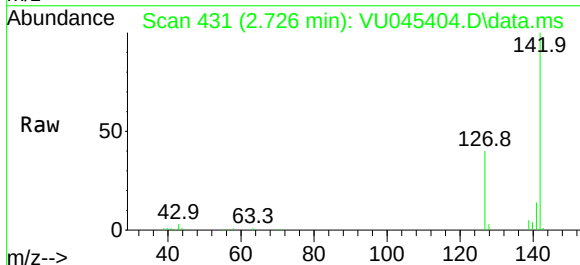
Instrument :
MSVOA_U
ClientSampleId :

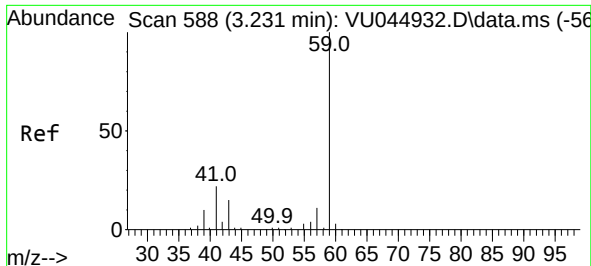
Tgt Ion:101 Resp: 47981
Ion Ratio Lower Upper
101 100
85 44.0 37.2 55.8
151 68.4 55.8 83.8



#10
Methyl Iodide
Concen: 27.040 ug/l
RT: 2.726 min Scan# 431
Delta R.T. 0.007 min
Lab File: VU045404.D
Acq: 26 Oct 2021 16:35

Tgt Ion:142 Resp: 65221
Ion Ratio Lower Upper
142 100
127 40.4 35.6 53.4
141 13.5 11.3 16.9

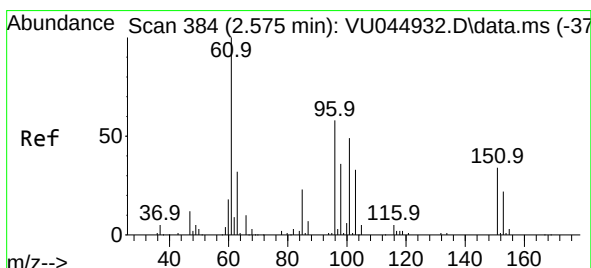
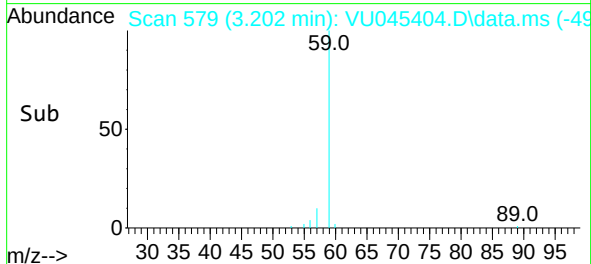
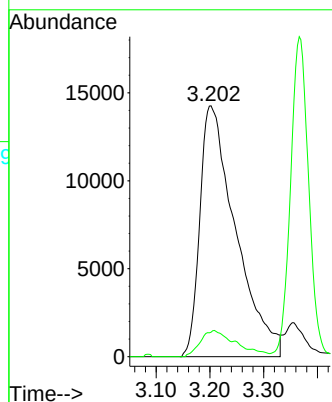
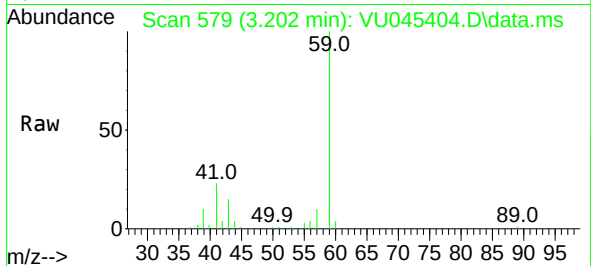




#11
Tert butyl alcohol
Concen: 73.252 ug/l
RT: 3.202 min Scan# 51
Delta R.T. -0.029 min
Lab File: VU045404.D
Acq: 26 Oct 2021 16:35

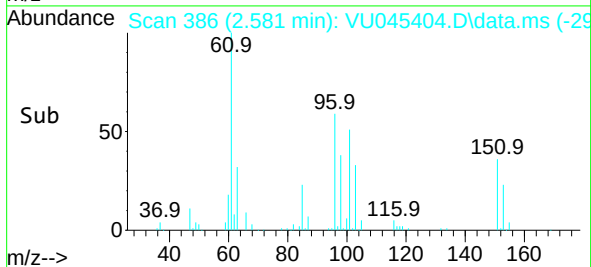
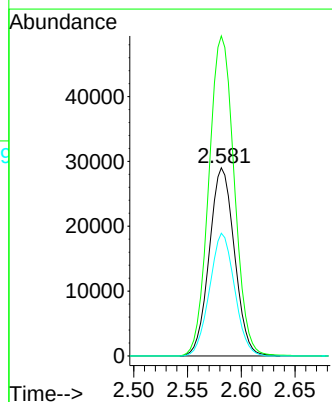
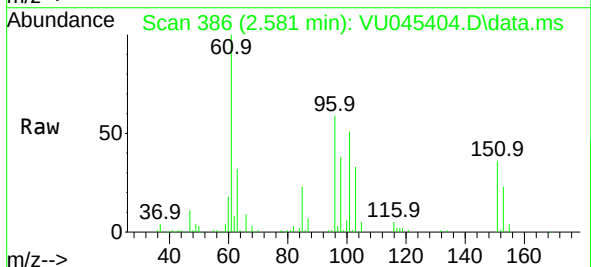
Instrument :
MSVOA_U
ClientSampleId :

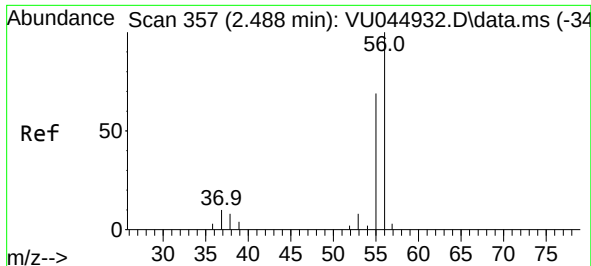
Tgt Ion: 59 Resp: 65750
Ion Ratio Lower Upper
59 100
57 7.6 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 21.214 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.006 min
Lab File: VU045404.D
Acq: 26 Oct 2021 16:35

Tgt Ion: 96 Resp: 47254
Ion Ratio Lower Upper
96 100
61 170.1 145.4 218.0
98 65.3 50.9 76.3





#13

Acrolein

Concen: 117.990 ug/l

RT: 2.491 min Scan# 357

Delta R.T. 0.003 min

Lab File: VU045404.D

Acq: 26 Oct 2021 16:35

Instrument :

MSVOA_U

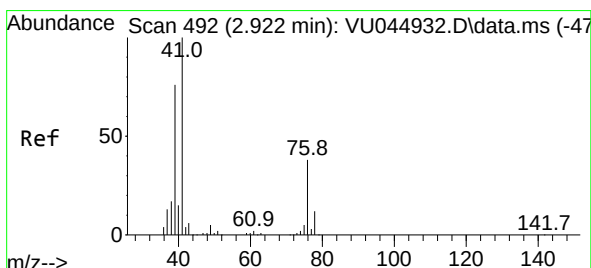
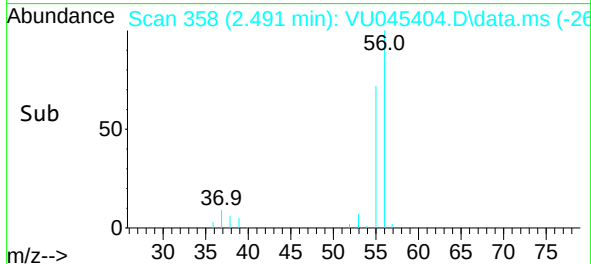
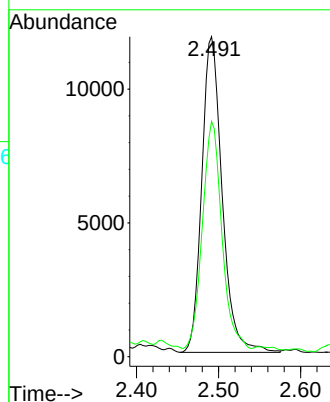
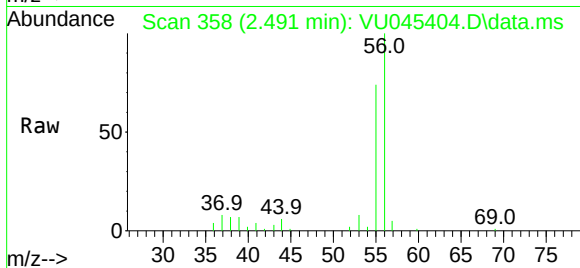
ClientSampleId :

Tgt Ion: 56 Resp: 20357

Ion Ratio Lower Upper

56 100

55 68.2 57.4 86.0



#14

Allyl chloride

Concen: 21.420 ug/l

RT: 2.926 min Scan# 493

Delta R.T. 0.003 min

Lab File: VU045404.D

Acq: 26 Oct 2021 16:35

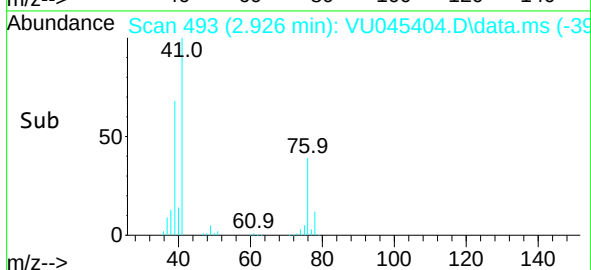
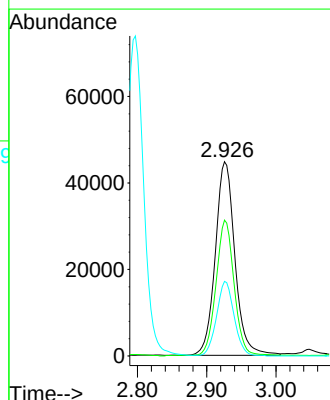
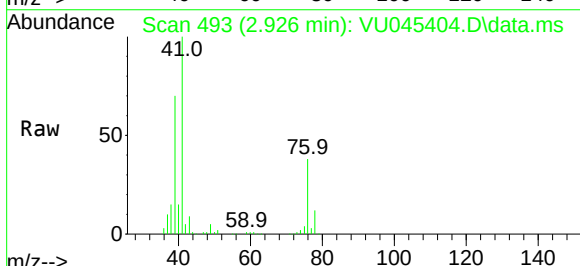
Tgt Ion: 41 Resp: 88298

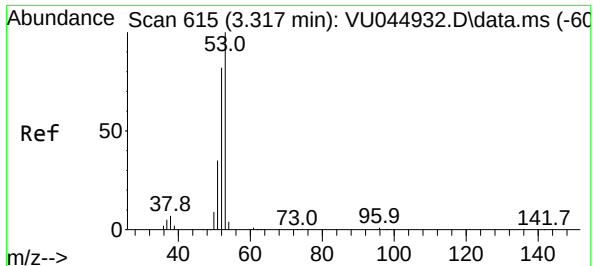
Ion Ratio Lower Upper

41 100

39 63.8 53.0 79.6

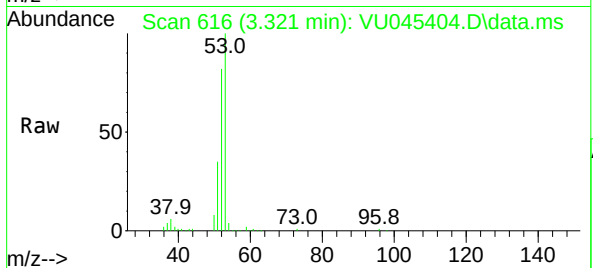
76 34.5 25.7 38.5



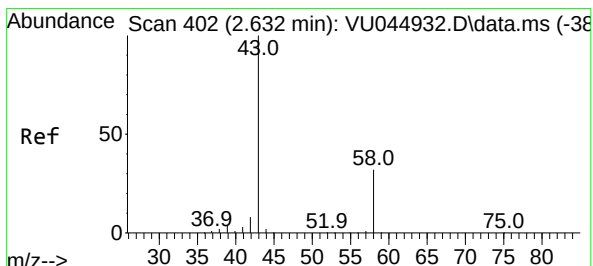
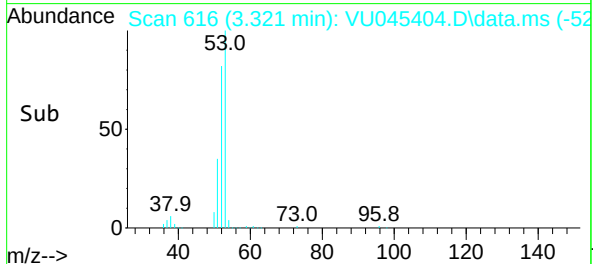
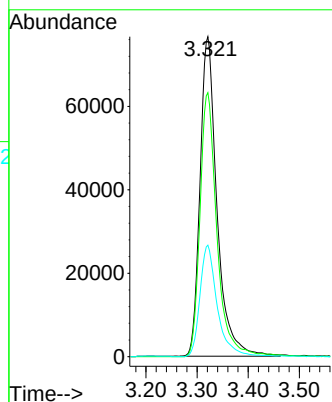


#15
Acrylonitrile
Concen: 97.689 ug/l
RT: 3.321 min Scan# 615
Delta R.T. 0.004 min
Lab File: VU045404.D
Acq: 26 Oct 2021 16:35

Instrument :
MSVOA_U
ClientSampleId :

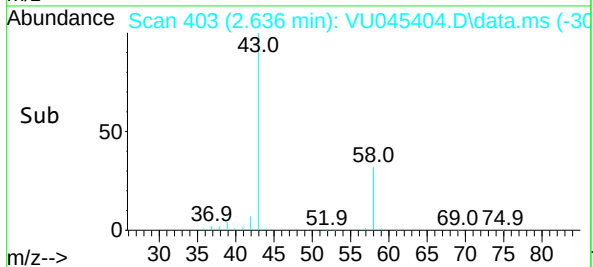
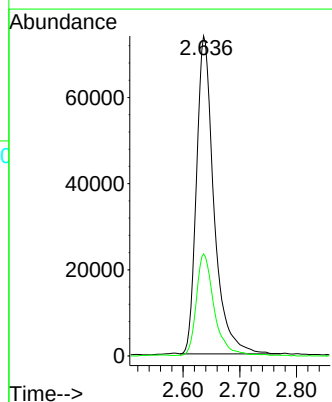
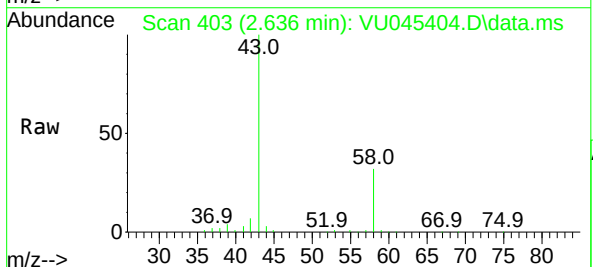


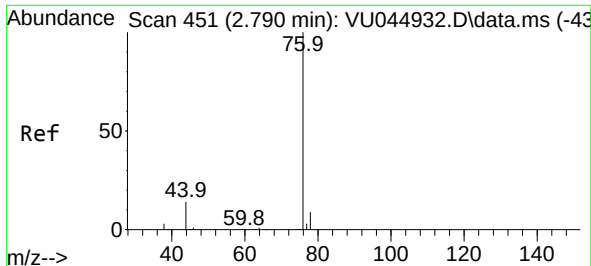
Tgt Ion: 53 Resp: 176839
Ion Ratio Lower Upper
53 100
52 82.6 66.0 99.0
51 35.9 28.6 42.8



#16
Acetone
Concen: 85.075 ug/l
RT: 2.636 min Scan# 403
Delta R.T. 0.004 min
Lab File: VU045404.D
Acq: 26 Oct 2021 16:35

Tgt Ion: 43 Resp: 157931
Ion Ratio Lower Upper
43 100
58 31.9 25.2 37.8





#17

Carbon Disulfide

Concen: 19.847 ug/l

RT: 2.797 min Scan# 4

Delta R.T. 0.007 min

Lab File: VU045404.D

Acq: 26 Oct 2021 16:35

Instrument :

MSVOA_U

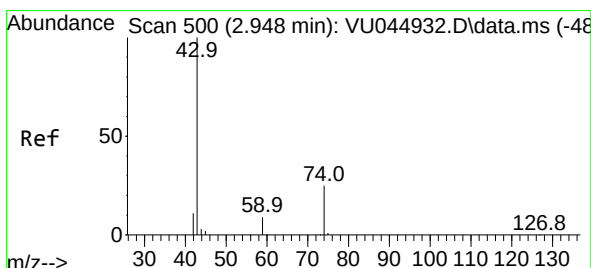
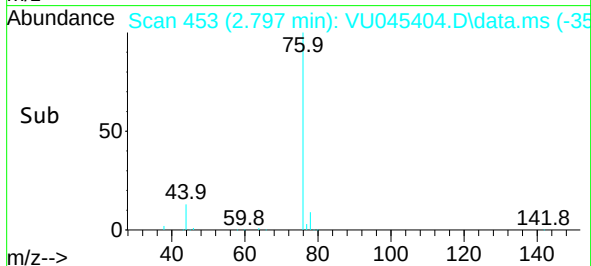
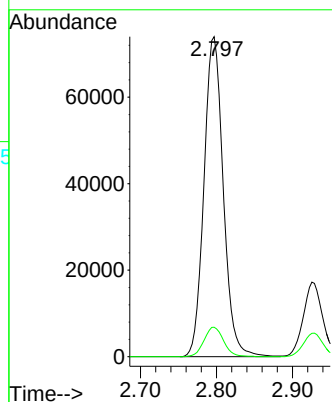
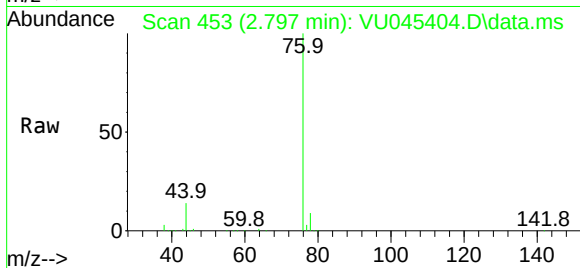
ClientSampleId :

Tgt Ion: 76 Resp: 130501

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0



#18

Methyl Acetate

Concen: 22.927 ug/l

RT: 2.951 min Scan# 501

Delta R.T. 0.003 min

Lab File: VU045404.D

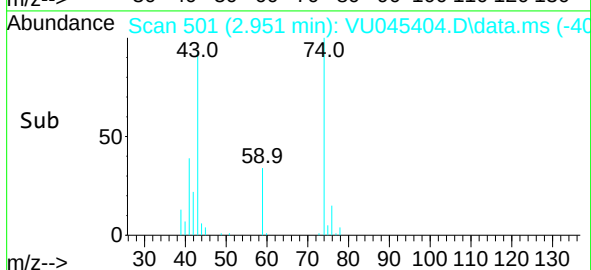
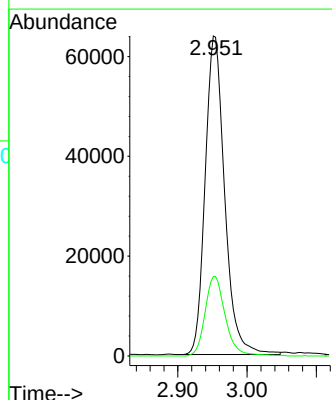
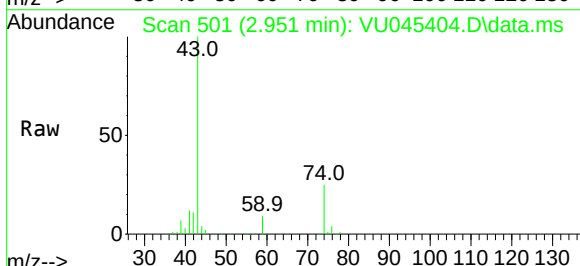
Acq: 26 Oct 2021 16:35

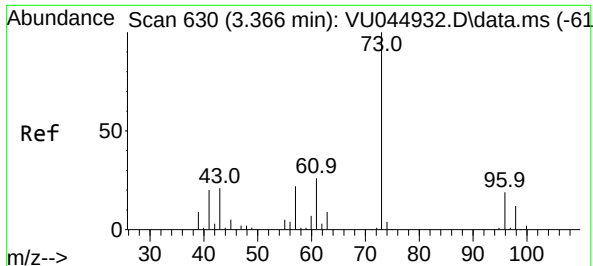
Tgt Ion: 43 Resp: 124392

Ion Ratio Lower Upper

43 100

74 26.0 19.0 28.6

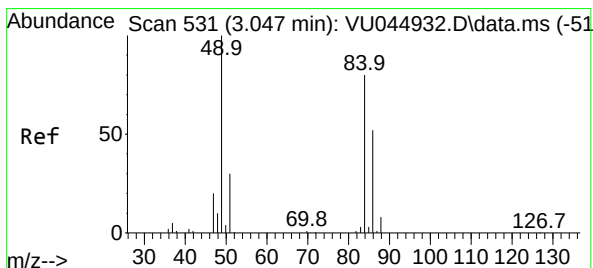
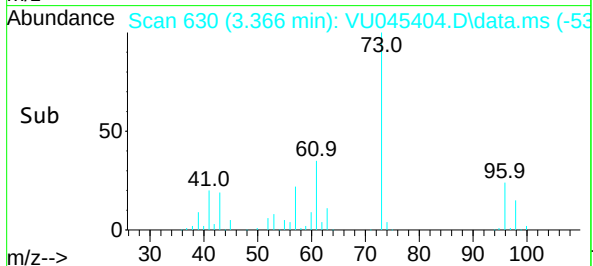
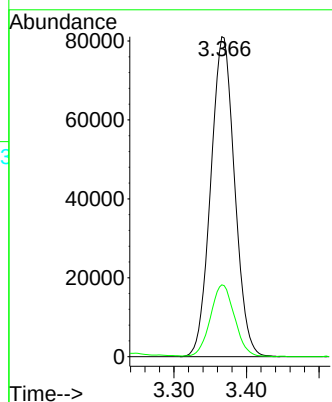
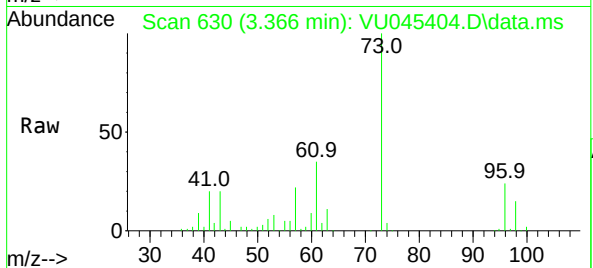




#19
Methyl tert-butyl Ether
Concen: 21.536 ug/l
RT: 3.366 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU045404.D
Acq: 26 Oct 2021 16:35

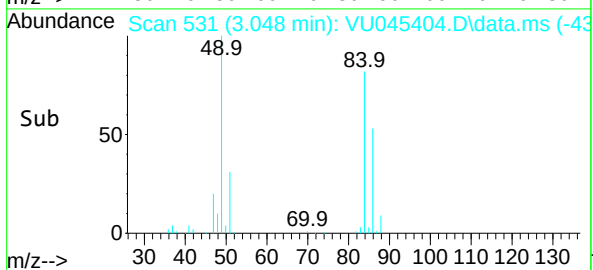
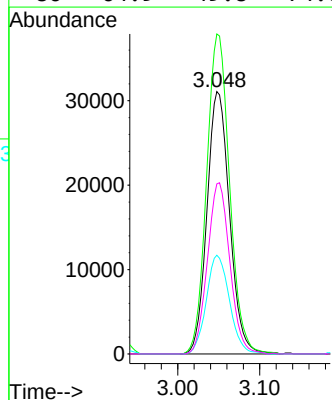
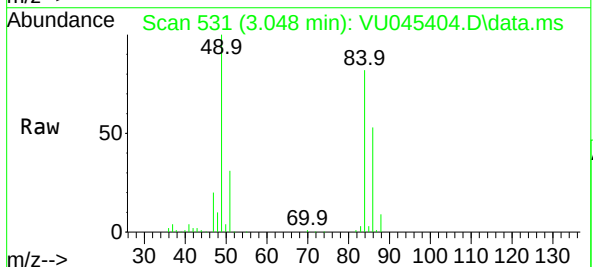
Instrument :
MSVOA_U
ClientSampleId :

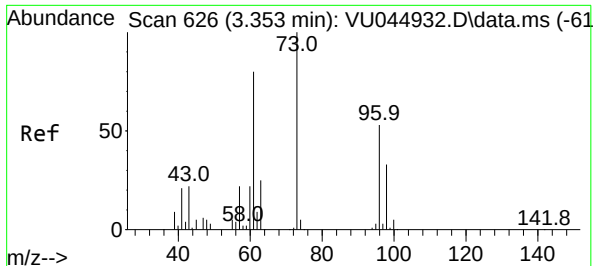
Tgt Ion: 73 Resp: 185180
Ion Ratio Lower Upper
73 100
57 22.3 18.2 27.2



#20
Methylene Chloride
Concen: 21.281 ug/l
RT: 3.048 min Scan# 531
Delta R.T. 0.001 min
Lab File: VU045404.D
Acq: 26 Oct 2021 16:35

Tgt Ion: 84 Resp: 59503
Ion Ratio Lower Upper
84 100
49 122.0 104.9 157.3
51 37.7 31.8 47.8
86 64.9 49.8 74.6

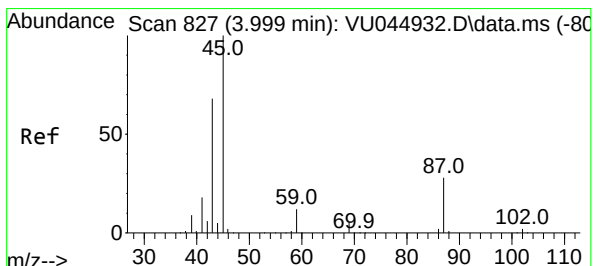
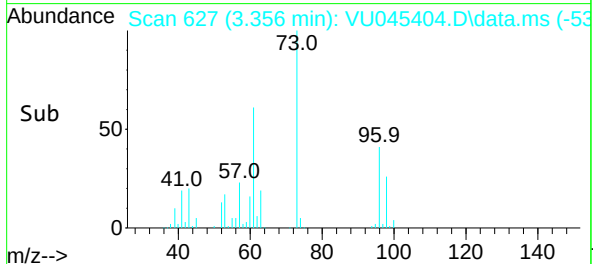
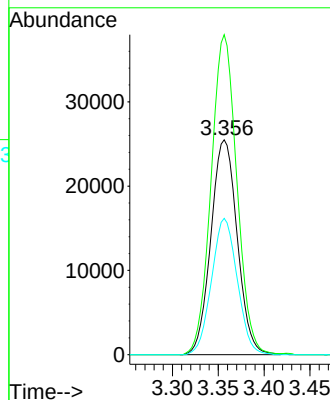
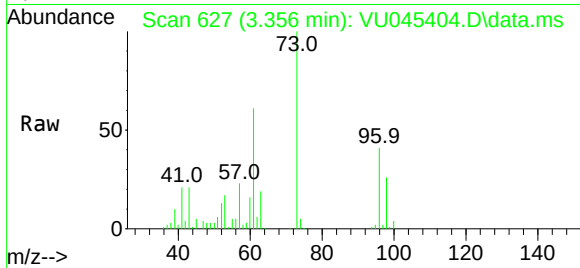




#21
trans-1,2-Dichloroethene
Concen: 20.935 ug/l
RT: 3.356 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU045404.D
Acq: 26 Oct 2021 16:35

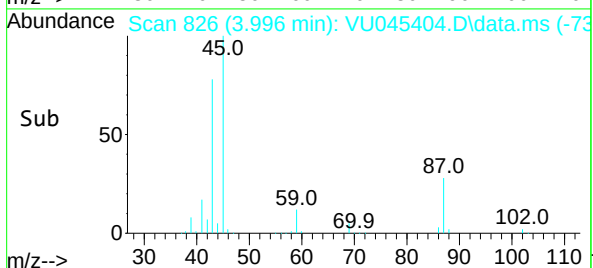
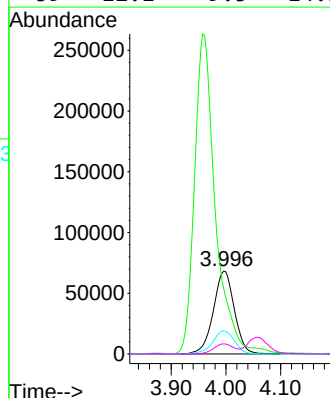
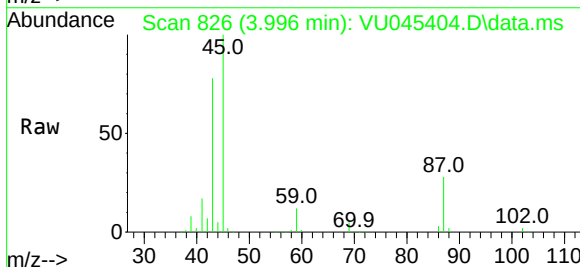
Instrument :
MSVOA_U
ClientSampleId :

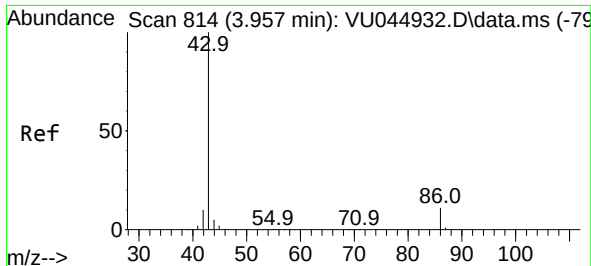
Tgt Ion: 96 Resp: 51013
Ion Ratio Lower Upper
96 100
61 148.9 123.2 184.8
98 63.4 51.0 76.6



#22
Diisopropyl ether
Concen: 21.628 ug/l
RT: 3.996 min Scan# 826
Delta R.T. -0.003 min
Lab File: VU045404.D
Acq: 26 Oct 2021 16:35

Tgt Ion: 45 Resp: 182023
Ion Ratio Lower Upper
45 100
43 76.1 62.3 93.5
87 28.1 21.0 31.4
59 12.1 9.5 14.3

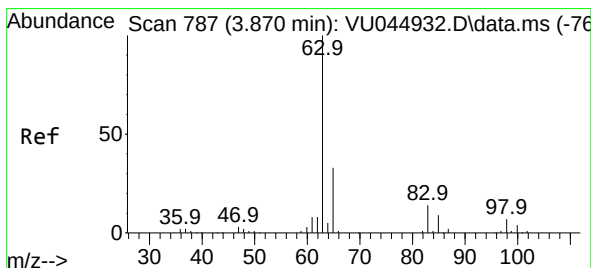
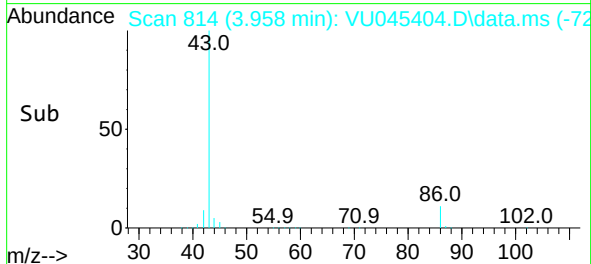
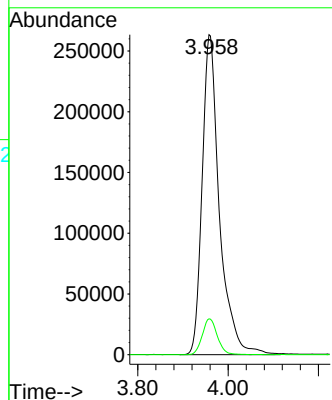
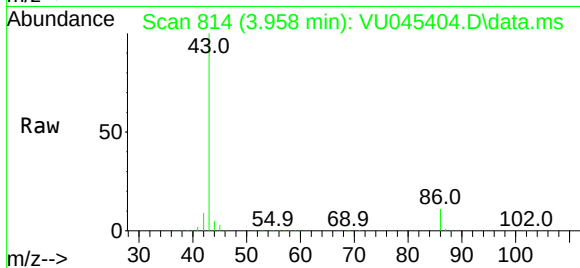




#23
 Vinyl Acetate
 Concen: 102.123 ug/l
 RT: 3.958 min Scan# 814
 Delta R.T. 0.001 min
 Lab File: VU045404.D
 Acq: 26 Oct 2021 16:35

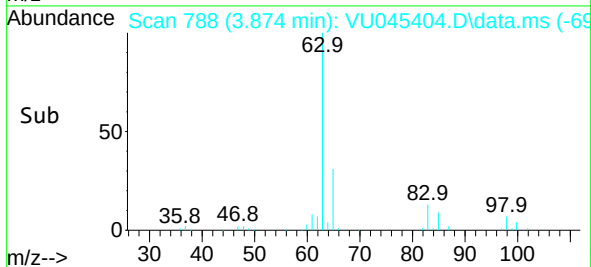
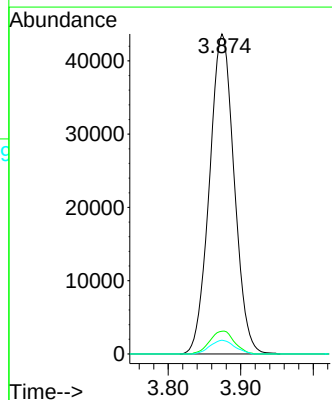
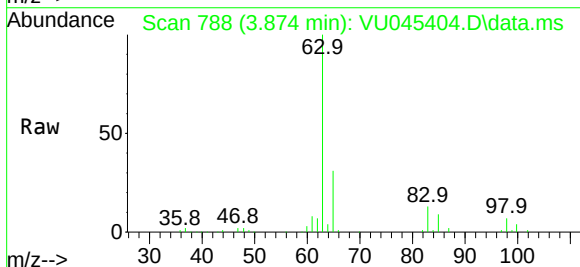
Instrument :
 MSVOA_U
 ClientSampleId :

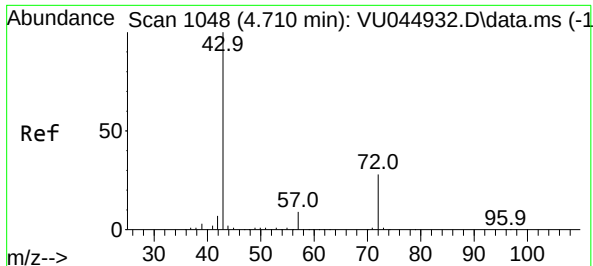
Tgt Ion: 43 Resp: 699025
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 21.420 ug/l
 RT: 3.874 min Scan# 788
 Delta R.T. 0.004 min
 Lab File: VU045404.D
 Acq: 26 Oct 2021 16:35

Tgt Ion: 63 Resp: 103487
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.4
 100 4.3 2.1 6.3





#25

2-Butanone

Concen: 89.463 ug/l

RT: 4.707 min Scan# 1047

Delta R.T. -0.003 min

Lab File: VU045404.D

Acq: 26 Oct 2021 16:35

Instrument :

MSVOA_U

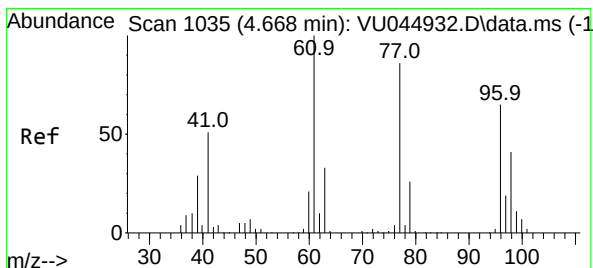
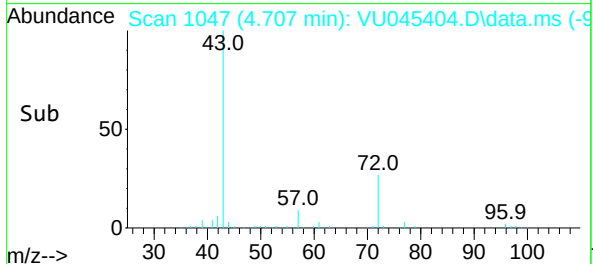
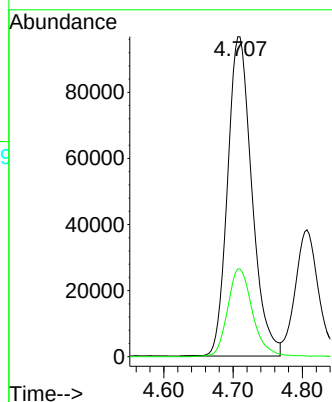
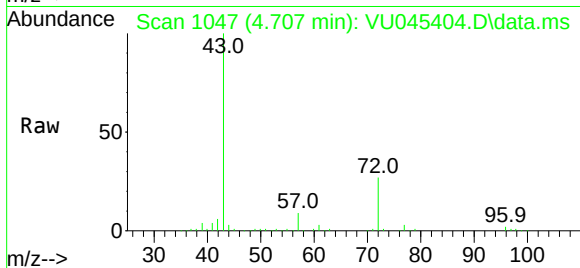
ClientSampleId :

Tgt Ion: 43 Resp: 235956

Ion Ratio Lower Upper

43 100

72 27.5 21.3 31.9



#26

2,2-Dichloropropane

Concen: 21.188 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VU045404.D

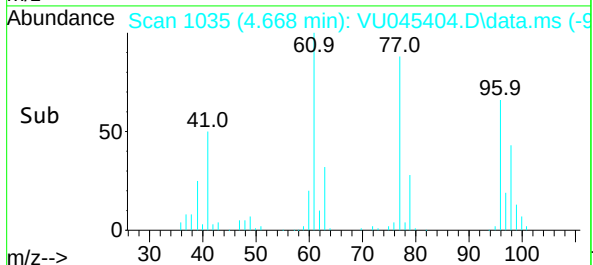
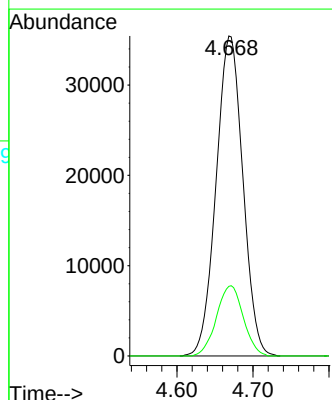
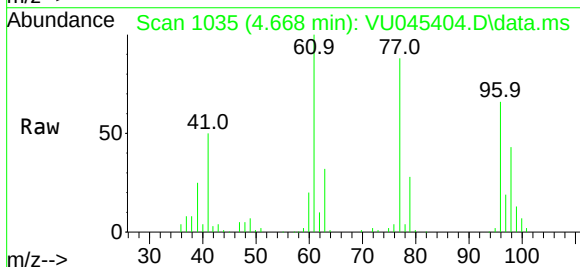
Acq: 26 Oct 2021 16:35

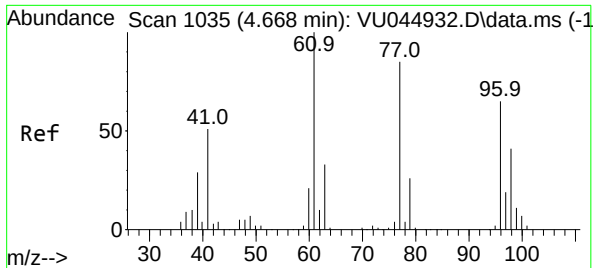
Tgt Ion: 77 Resp: 86547

Ion Ratio Lower Upper

77 100

97 22.0 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 20.996 ug/l

RT: 4.671 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU045404.D

Acq: 26 Oct 2021 16:35

Instrument :

MSVOA_U

ClientSampleId :

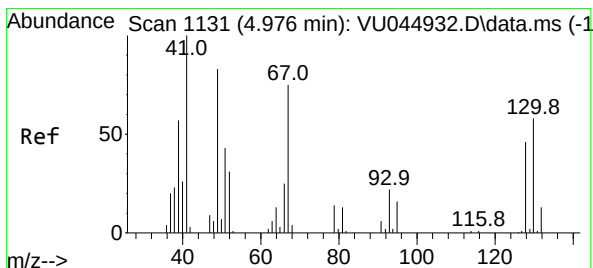
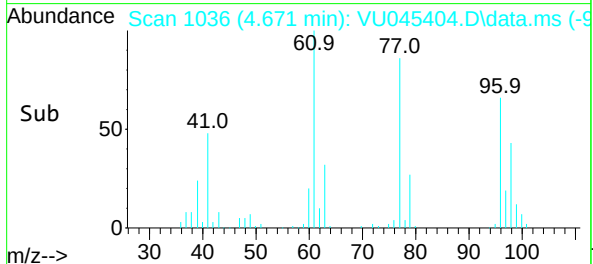
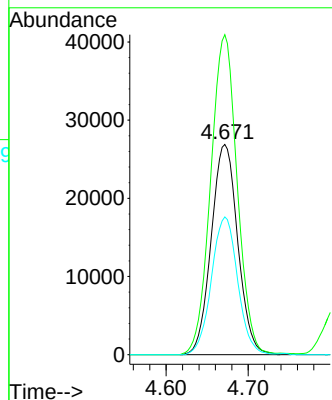
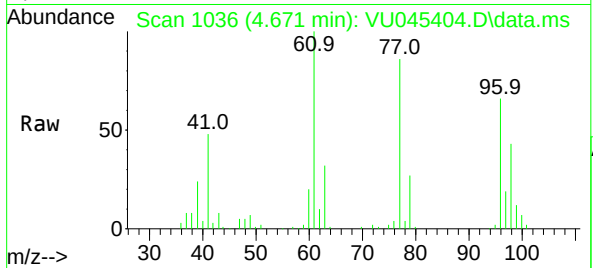
Tgt Ion: 96 Resp: 60424

Ion Ratio Lower Upper

96 100

61 151.7 0.0 313.4

98 64.8 0.0 127.0



#28

Bromochloromethane

Concen: 16.695 ug/l

RT: 4.977 min Scan# 1131

Delta R.T. 0.001 min

Lab File: VU045404.D

Acq: 26 Oct 2021 16:35

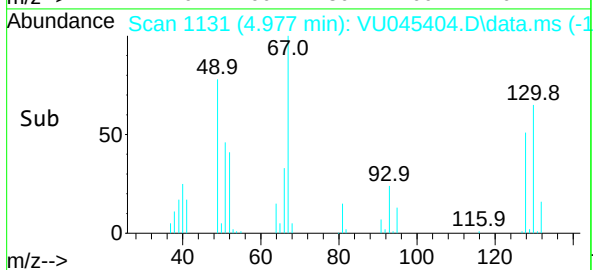
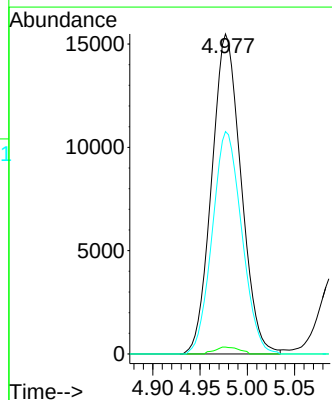
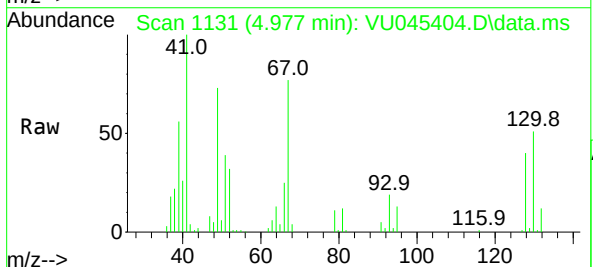
Tgt Ion: 49 Resp: 33431

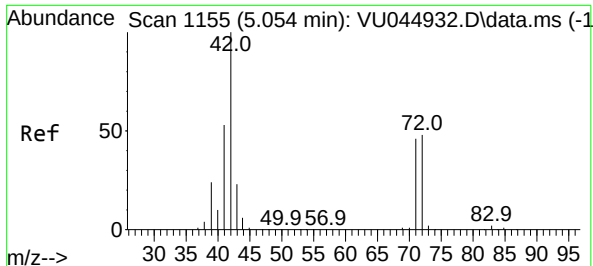
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.2

130 69.8 53.4 80.2





#29

Tetrahydrofuran

Concen: 94.567 ug/l

RT: 5.057 min Scan# 1155

Delta R.T. 0.003 min

Lab File: VU045404.D

Acq: 26 Oct 2021 16:35

Instrument :

MSVOA_U

ClientSampleId :

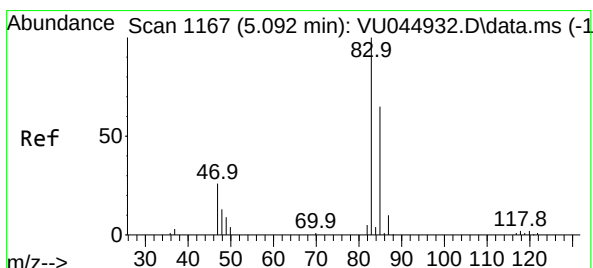
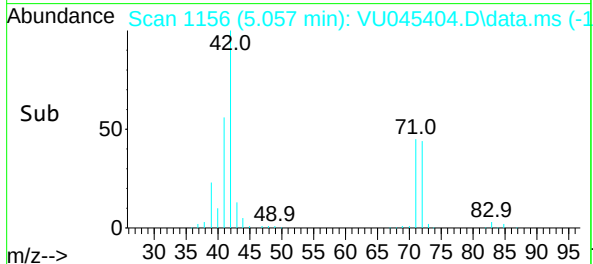
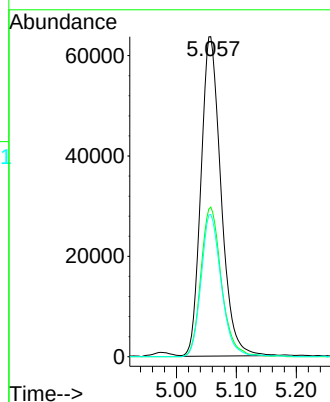
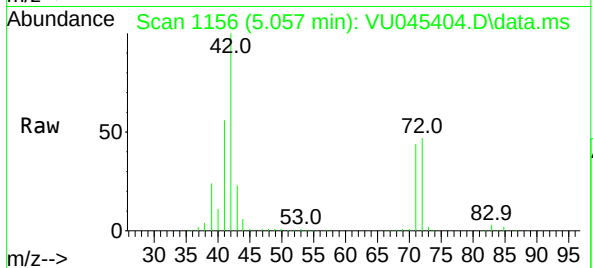
Tgt Ion: 42 Resp: 148474

Ion Ratio Lower Upper

42 100

72 47.9 36.2 54.4

71 44.6 34.1 51.1



#30

Chloroform

Concen: 20.872 ug/l

RT: 5.093 min Scan# 1167

Delta R.T. 0.001 min

Lab File: VU045404.D

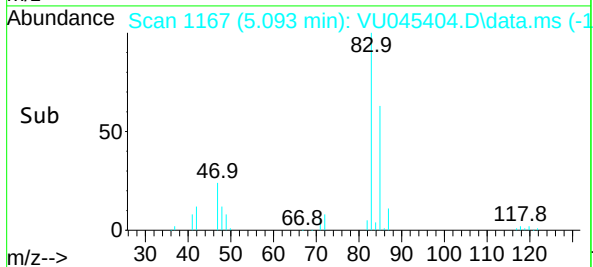
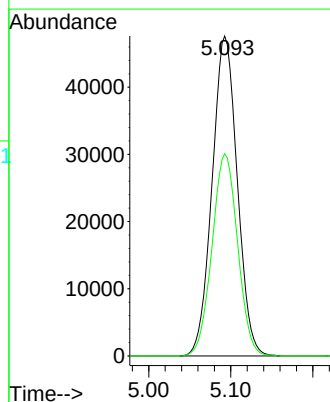
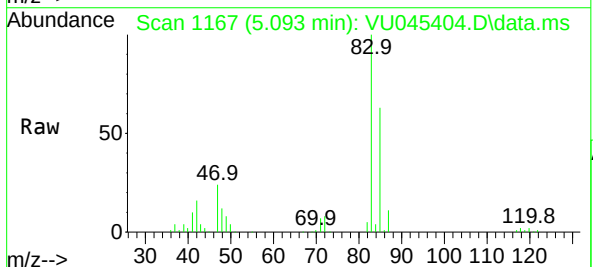
Acq: 26 Oct 2021 16:35

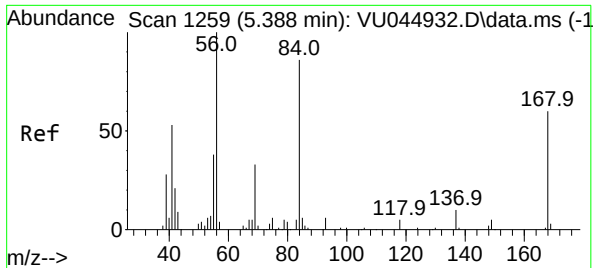
Tgt Ion: 83 Resp: 101639

Ion Ratio Lower Upper

83 100

85 63.2 52.1 78.1

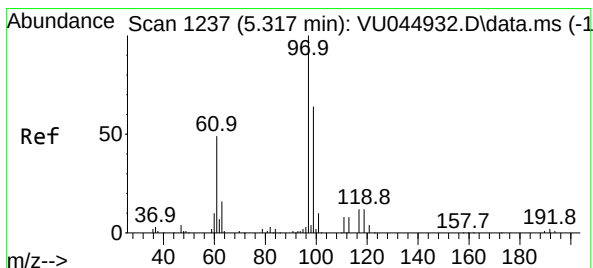
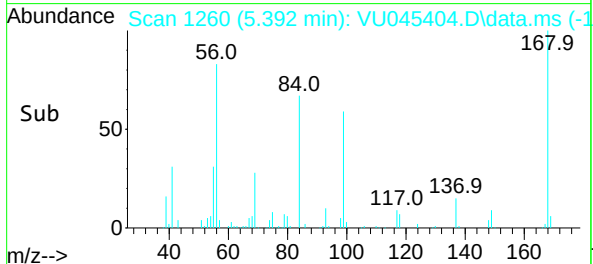
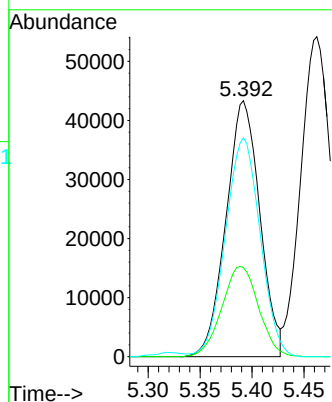
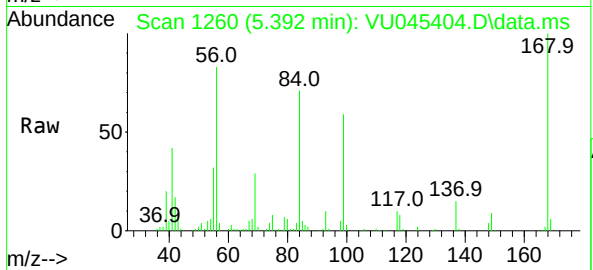




#31
Cyclohexane
Concen: 20.660 ug/l
RT: 5.392 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU045404.D
Acq: 26 Oct 2021 16:35

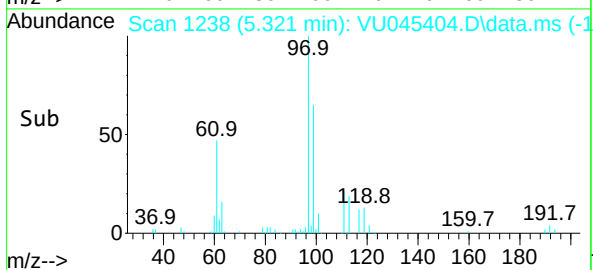
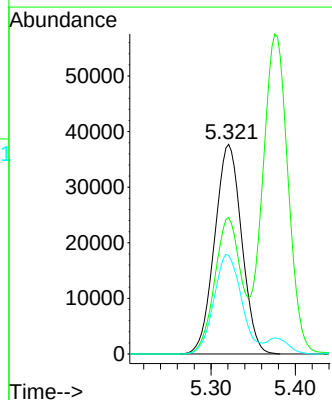
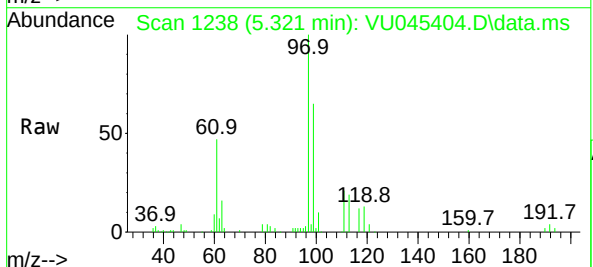
Instrument :
MSVOA_U
ClientSampleId :

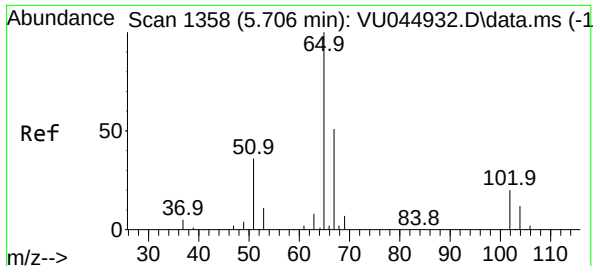
Tgt Ion: 56 Resp: 98148
Ion Ratio Lower Upper
56 100
69 34.8 25.2 37.8
84 84.2 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 20.898 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. 0.004 min
Lab File: VU045404.D
Acq: 26 Oct 2021 16:35

Tgt Ion: 97 Resp: 83965
Ion Ratio Lower Upper
97 100
99 62.0 50.9 76.3
61 49.0 40.7 61.1





#33

1,2-Dichloroethane-d4

Concen: 49.324 ug/l

RT: 5.704 min Scan# 1

Delta R.T. -0.002 min

Lab File: VU045404.D

Acq: 26 Oct 2021 16:35

Instrument :

MSVOA_U

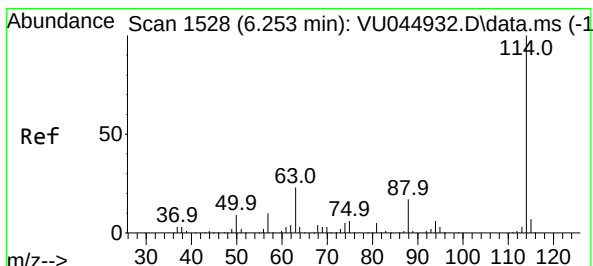
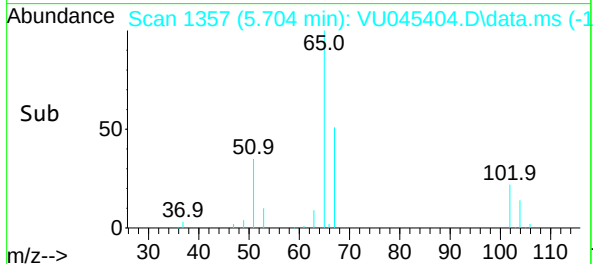
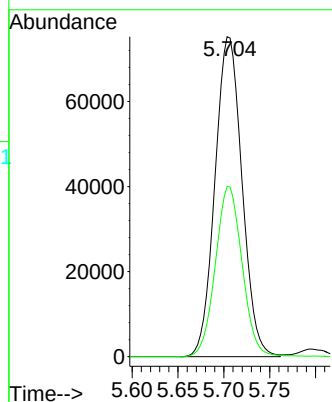
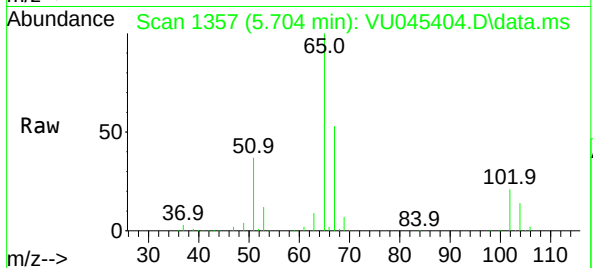
ClientSampleId :

Tgt Ion: 65 Resp: 154257

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU045404.D

Acq: 26 Oct 2021 16:35

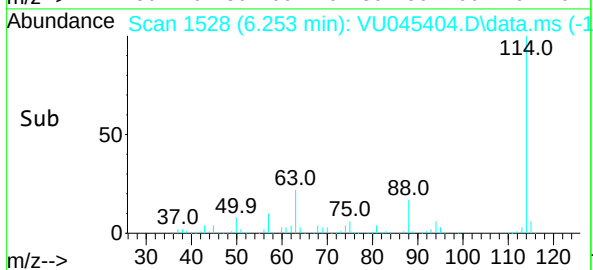
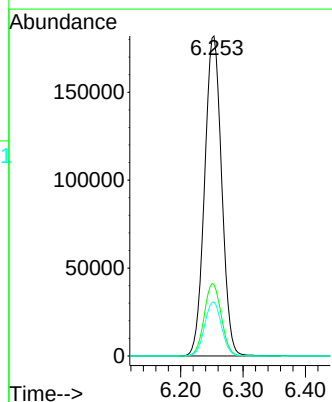
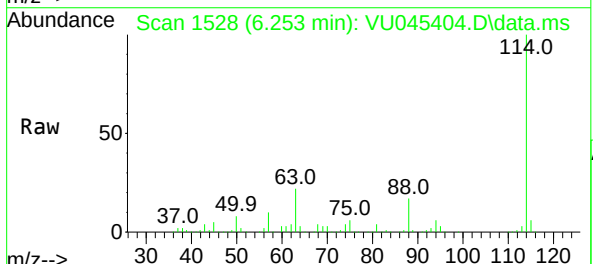
Tgt Ion: 114 Resp: 345741

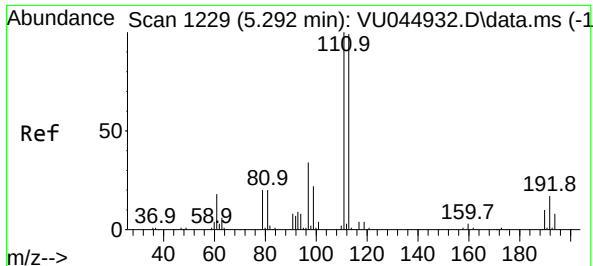
Ion Ratio Lower Upper

114 100

63 22.3 0.0 47.8

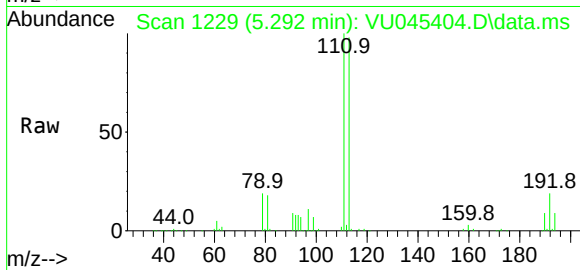
88 16.9 0.0 32.8



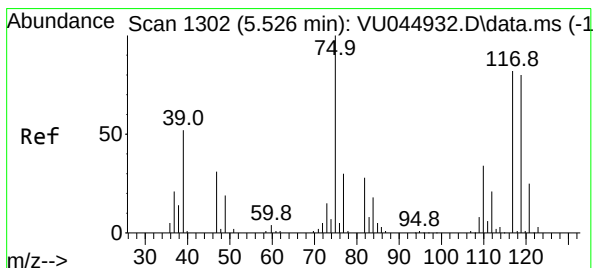
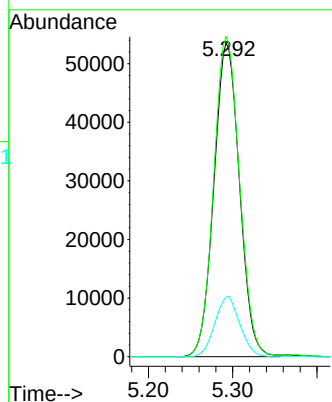
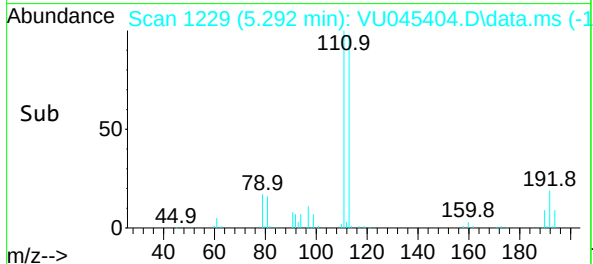


#35
 Dibromofluoromethane
 Concen: 51.611 ug/l
 RT: 5.292 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VU045404.D
 Acq: 26 Oct 2021 16:35

Instrument :
 MSVOA_U
 ClientSampleId :

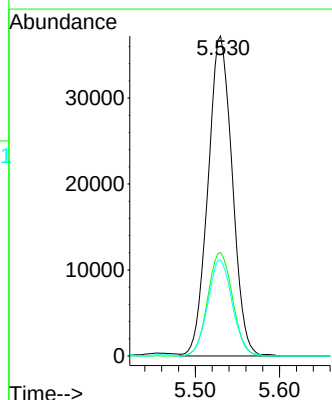
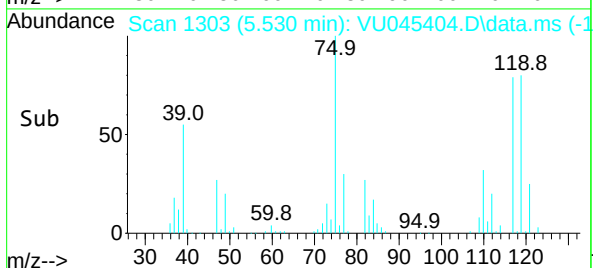
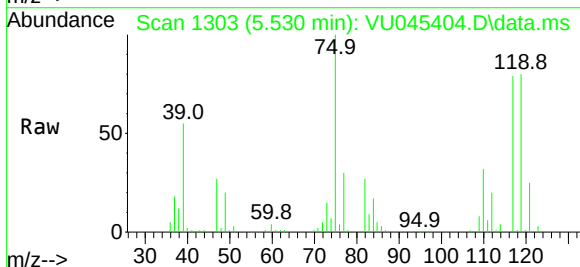


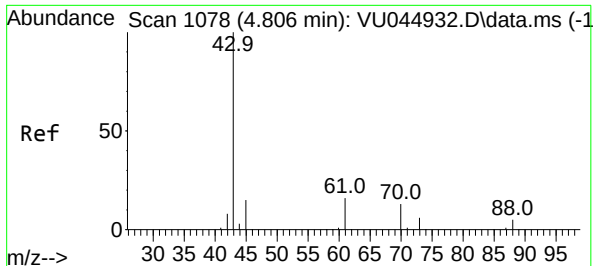
Tgt Ion:113 Resp: 112567
 Ion Ratio Lower Upper
 113 100
 111 103.2 84.1 126.1
 192 18.6 14.8 22.2



#36
 1,1-Dichloropropene
 Concen: 20.597 ug/l
 RT: 5.530 min Scan# 1303
 Delta R.T. 0.004 min
 Lab File: VU045404.D
 Acq: 26 Oct 2021 16:35

Tgt Ion: 75 Resp: 74471
 Ion Ratio Lower Upper
 75 100
 110 32.9 16.3 48.9
 77 30.5 25.0 37.4

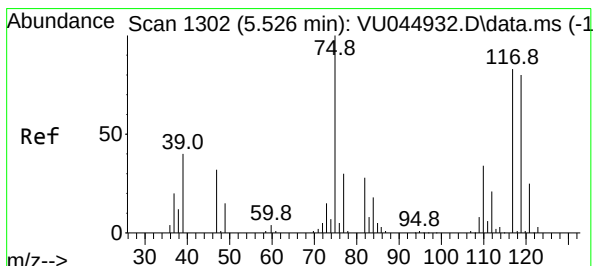
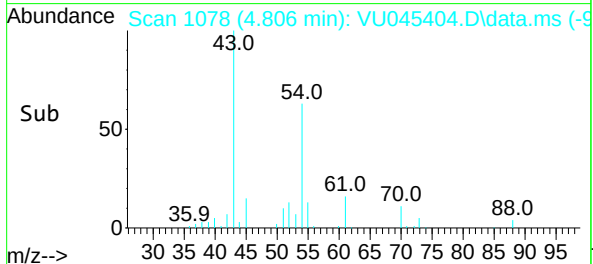
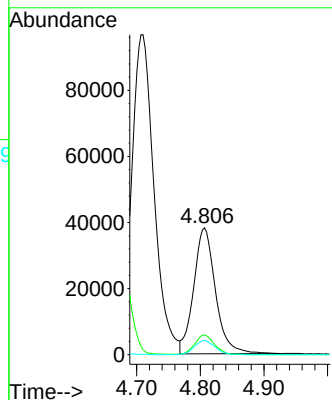
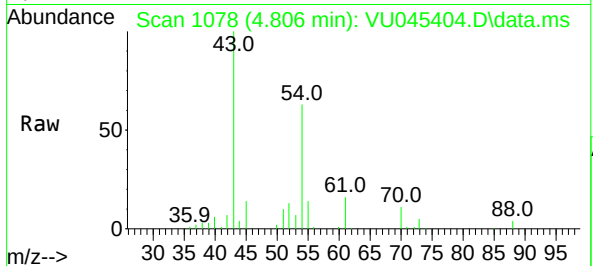




#37
Ethyl Acetate
Concen: 18.863 ug/l
RT: 4.806 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VU045404.D
Acq: 26 Oct 2021 16:35

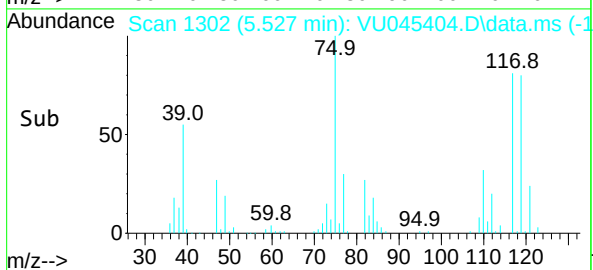
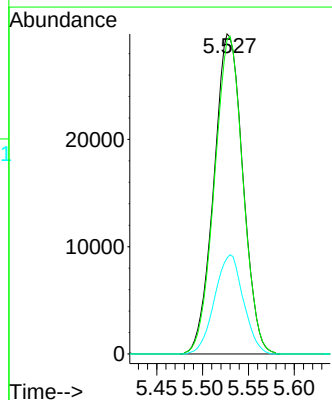
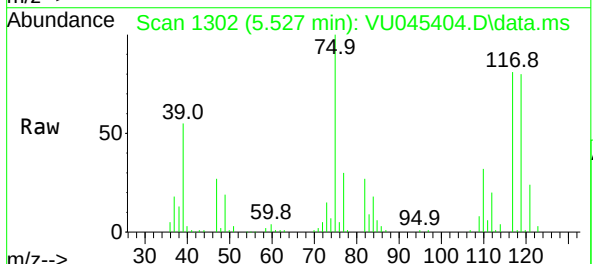
Instrument :
MSVOA_U
ClientSampleId :

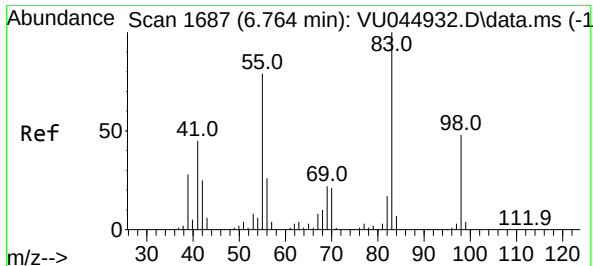
Tgt Ion: 43 Resp: 90238
Ion Ratio Lower Upper
43 100
61 14.5 10.9 16.3
70 10.7 8.2 12.4



#38
Carbon Tetrachloride
Concen: 20.982 ug/l
RT: 5.527 min Scan# 1302
Delta R.T. 0.001 min
Lab File: VU045404.D
Acq: 26 Oct 2021 16:35

Tgt Ion: 117 Resp: 65645
Ion Ratio Lower Upper
117 100
119 98.2 77.4 116.2
121 30.0 24.5 36.7





#39

Methylcyclohexane

Concen: 20.863 ug/l

RT: 6.768 min Scan# 1

Delta R.T. 0.004 min

Lab File: VU045404.D

Acq: 26 Oct 2021 16:35

Instrument :

MSVOA_U

ClientSampleId :

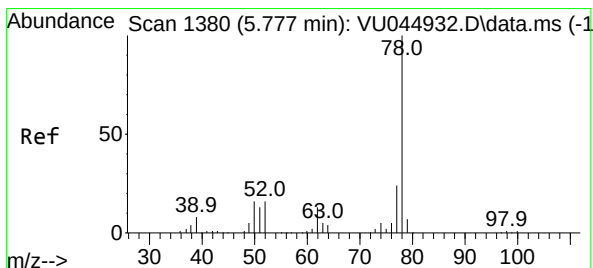
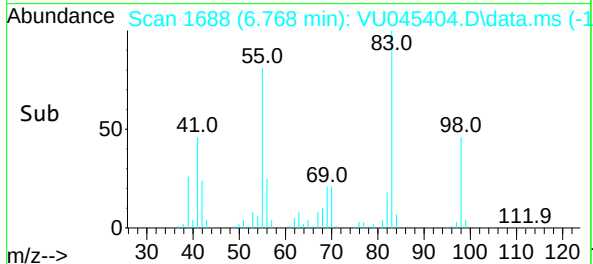
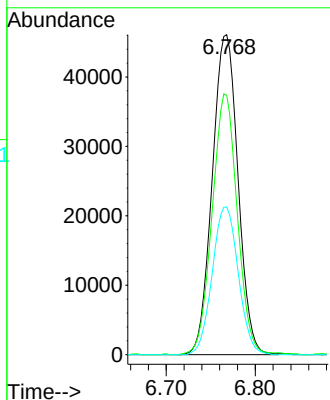
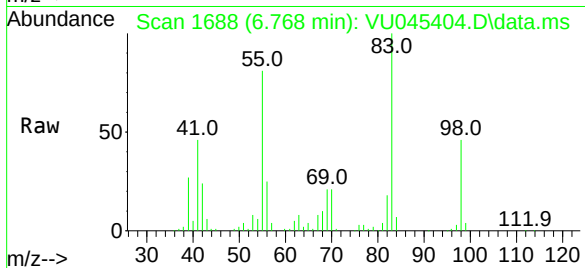
Tgt Ion: 83 Resp: 92602

Ion Ratio Lower Upper

83 100

55 81.1 66.2 99.4

98 46.1 37.5 56.3



#40

Benzene

Concen: 20.892 ug/l

RT: 5.777 min Scan# 1380

Delta R.T. 0.000 min

Lab File: VU045404.D

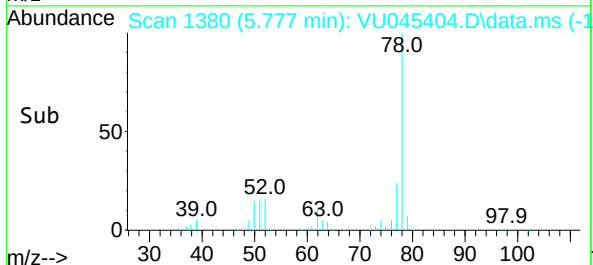
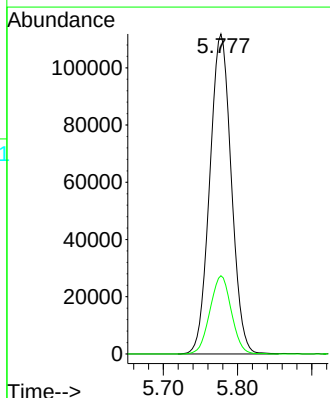
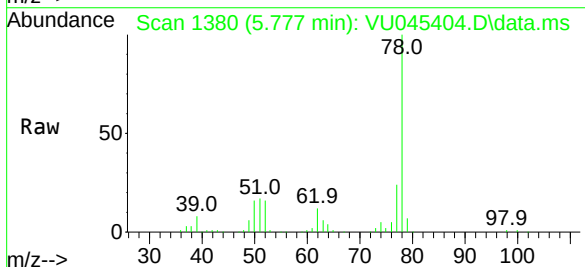
Acq: 26 Oct 2021 16:35

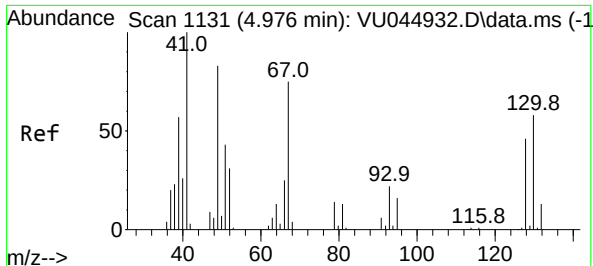
Tgt Ion: 78 Resp: 224983

Ion Ratio Lower Upper

78 100

77 24.5 19.1 28.7



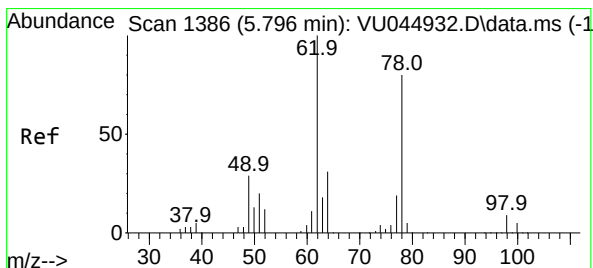
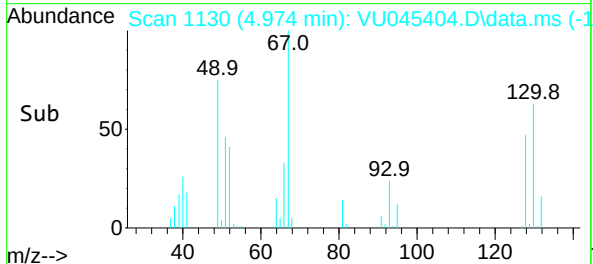
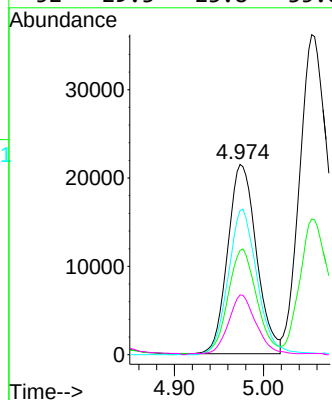
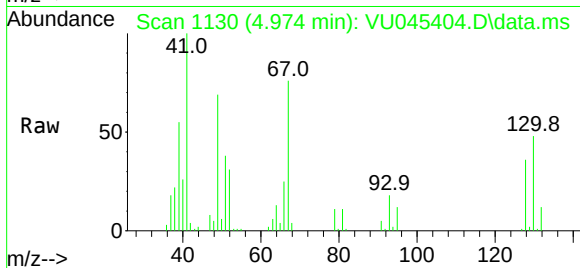


#41
Methacrylonitrile
Concen: 19.486 ug/l
RT: 4.974 min Scan# 1131
Delta R.T. -0.002 min
Lab File: VU045404.D
Acq: 26 Oct 2021 16:35

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 41 Resp: 47990

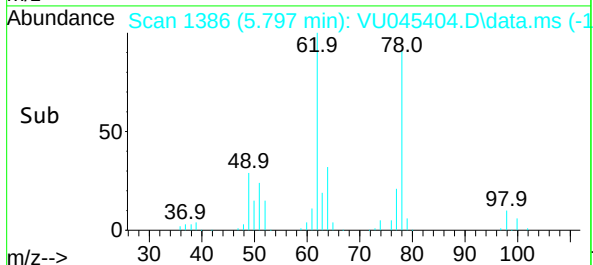
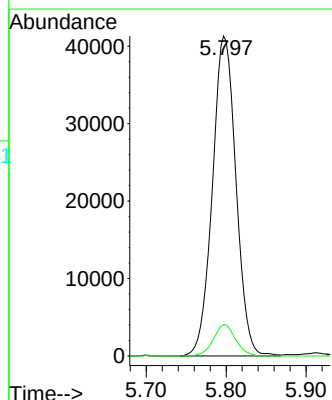
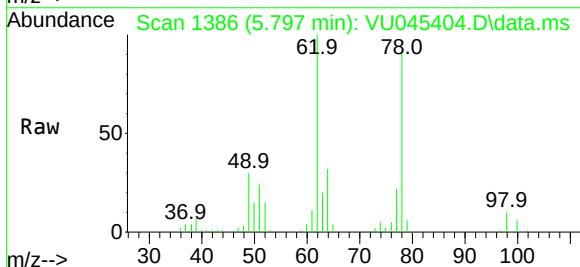
Ion	Ratio	Lower	Upper
41	100		
39	54.7	44.4	66.6
67	77.8	58.1	87.1
52	29.3	23.8	35.8

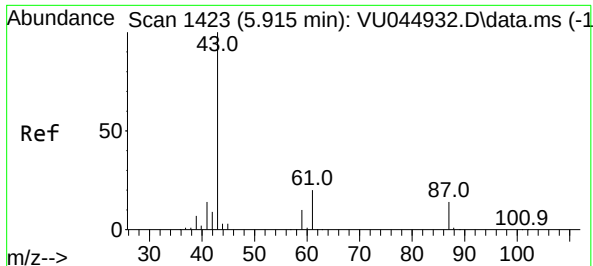


#42
1,2-Dichloroethane
Concen: 19.960 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.001 min
Lab File: VU045404.D
Acq: 26 Oct 2021 16:35

Tgt Ion: 62 Resp: 84481

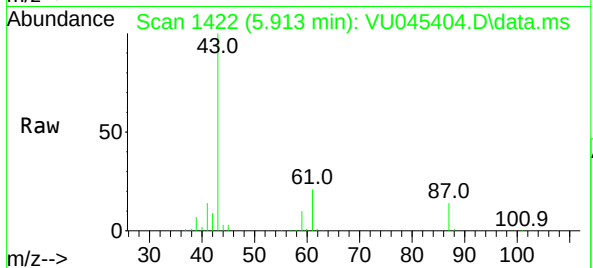
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.8



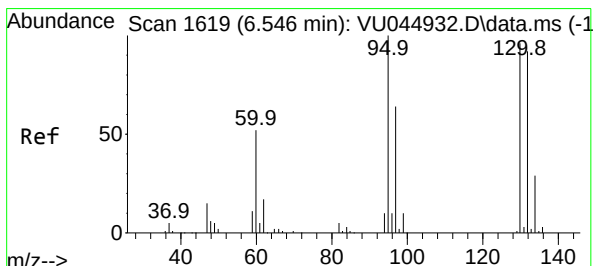
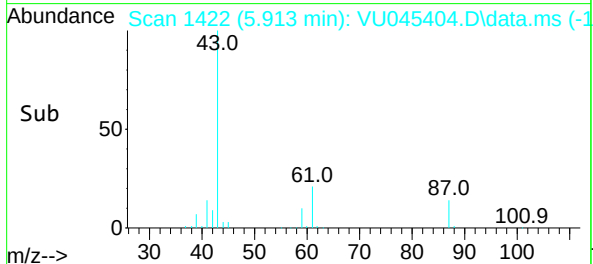
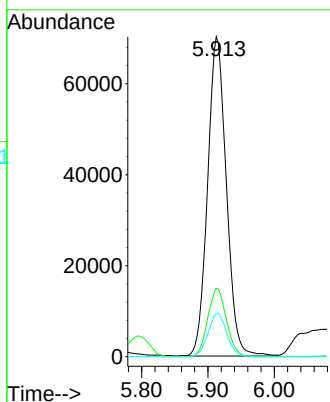


#43
Isopropyl Acetate
Concen: 19.118 ug/l
RT: 5.913 min Scan# 1423
Delta R.T. -0.002 min
Lab File: VU045404.D
Acq: 26 Oct 2021 16:35

Instrument :
MSVOA_U
ClientSampleId :

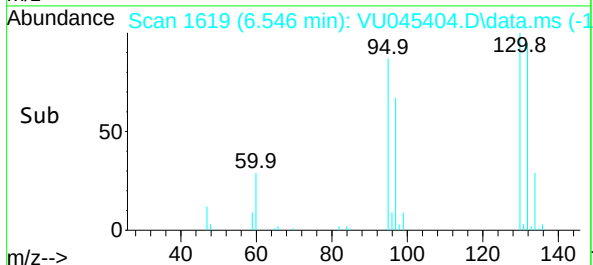
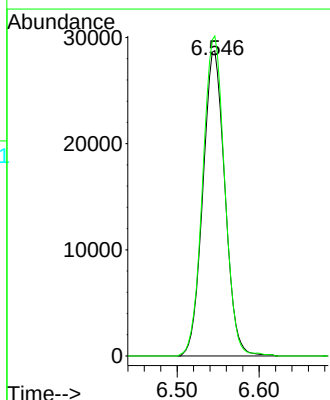
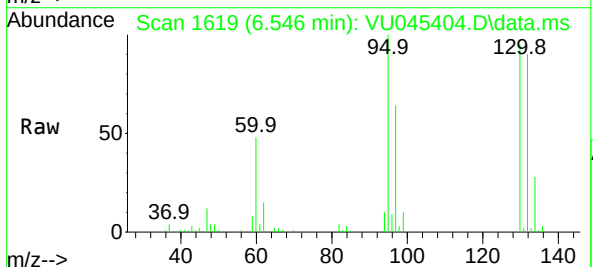


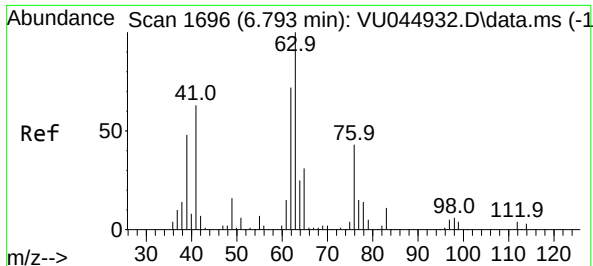
Tgt Ion: 43 Resp: 137593
Ion Ratio Lower Upper
43 100
61 21.3 16.1 24.1
87 13.6 10.3 15.5



#44
Trichloroethene
Concen: 21.141 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045404.D
Acq: 26 Oct 2021 16:35

Tgt Ion:130 Resp: 53675
Ion Ratio Lower Upper
130 100
95 104.8 0.0 209.0





#45

1,2-Dichloropropane

Concen: 21.101 ug/l

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045404.D

Acq: 26 Oct 2021 16:35

Instrument :

MSVOA_U

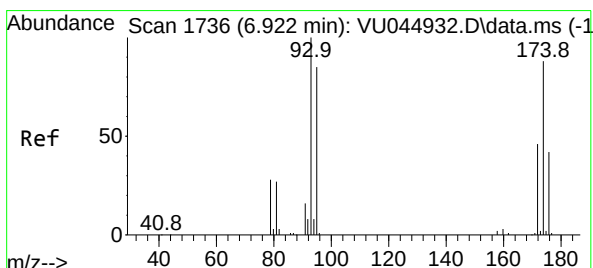
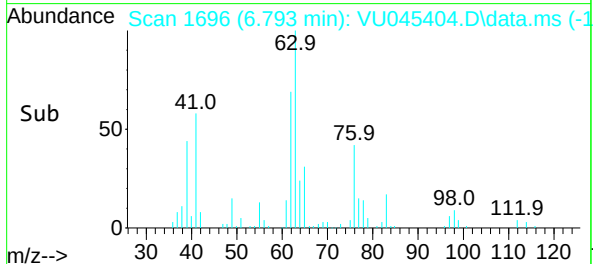
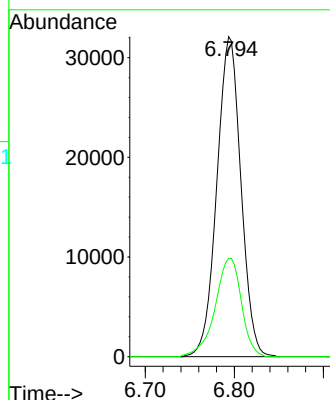
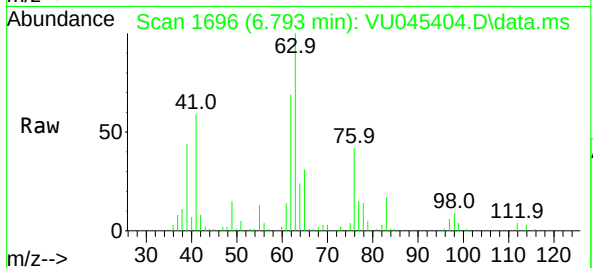
ClientSampleId :

Tgt Ion: 63 Resp: 60243

Ion Ratio Lower Upper

63 100

65 30.7 23.9 35.9



#46

Dibromomethane

Concen: 20.670 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. 0.000 min

Lab File: VU045404.D

Acq: 26 Oct 2021 16:35

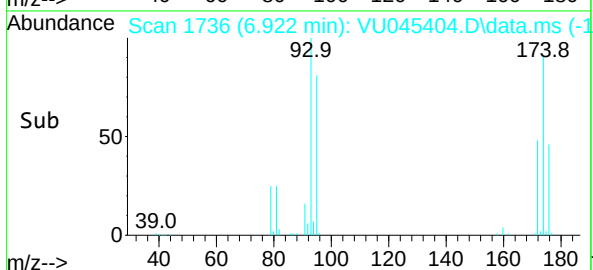
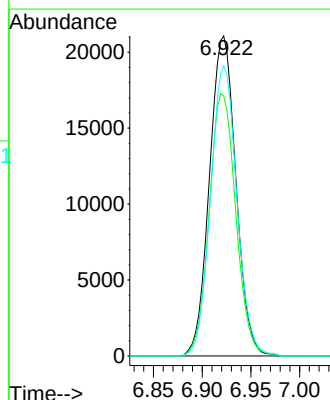
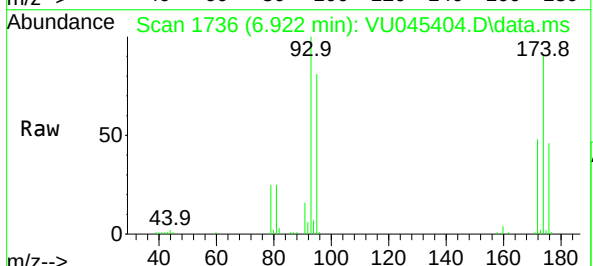
Tgt Ion: 93 Resp: 39754

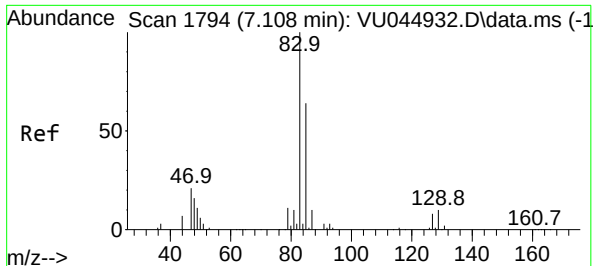
Ion Ratio Lower Upper

93 100

95 82.6 65.6 98.4

174 90.4 70.7 106.1





#47

Bromodichloromethane

Concen: 21.125 ug/l

RT: 7.109 min Scan# 1

Delta R.T. 0.001 min

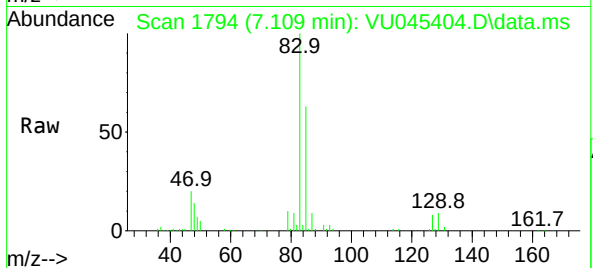
Lab File: VU045404.D

Acq: 26 Oct 2021 16:35

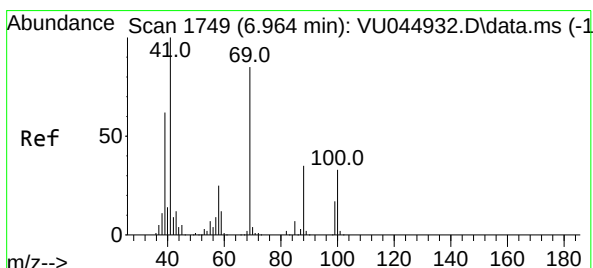
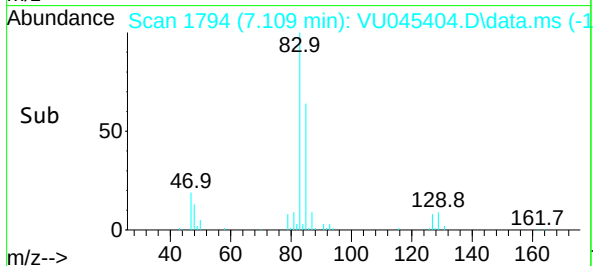
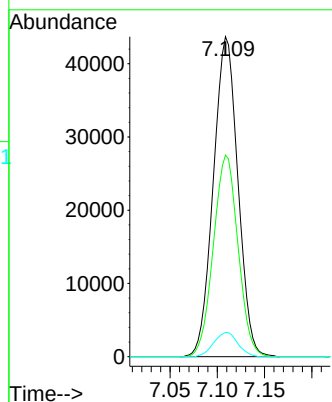
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	83	Resp:	78889
Ion Ratio	Lower	Upper	
83	100		
85	63.0	51.6	77.4
127	7.5	6.2	9.4



#48

Methyl methacrylate

Concen: 18.770 ug/l

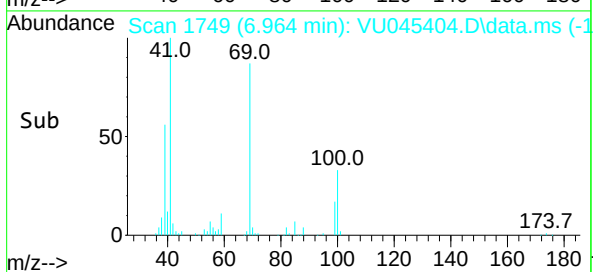
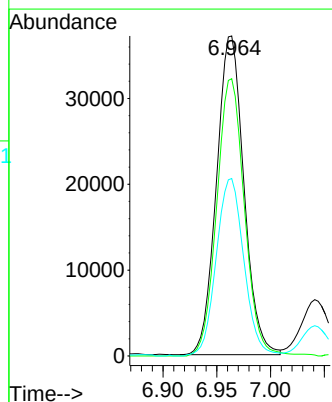
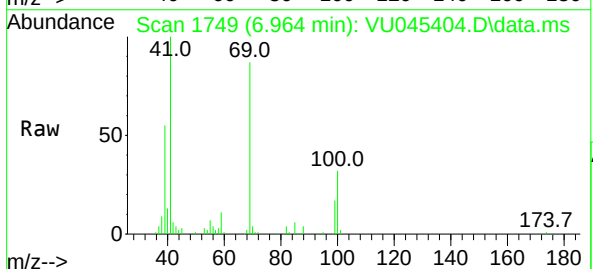
RT: 6.964 min Scan# 1749

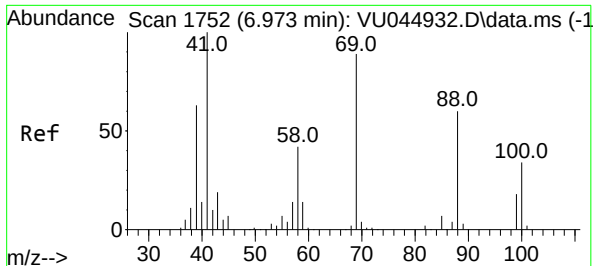
Delta R.T. -0.000 min

Lab File: VU045404.D

Acq: 26 Oct 2021 16:35

Tgt Ion:	41	Resp:	65754
Ion Ratio	Lower	Upper	
41	100		
69	88.0	65.6	98.4
39	56.2	46.2	69.4





#49

1,4-Dioxane

Concen: 276.539 ug/l

RT: 6.996 min Scan# 1

Delta R.T. 0.023 min

Lab File: VU045404.D

Acq: 26 Oct 2021 16:35

Instrument :

MSVOA_U

ClientSampleId :

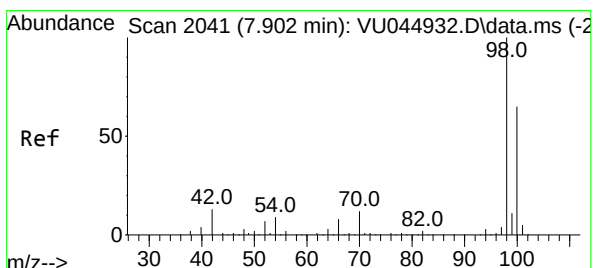
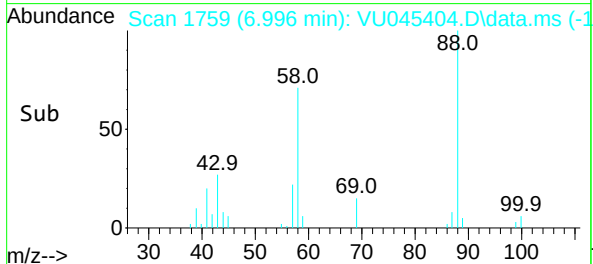
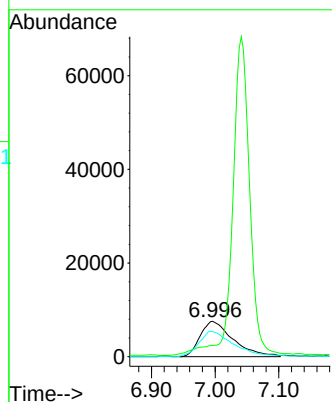
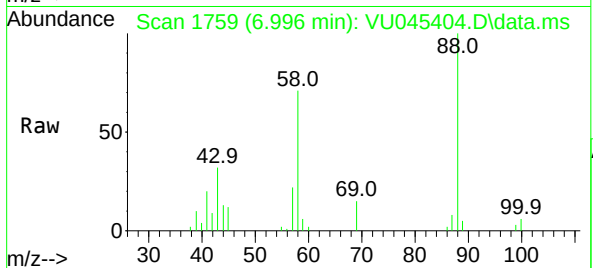
Tgt Ion: 88 Resp: 27264

Ion Ratio Lower Upper

88 100

43 0.0 25.8 38.6#

58 75.9 61.3 91.9



#50

Toluene-d8

Concen: 50.242 ug/l

RT: 7.900 min Scan# 2040

Delta R.T. -0.002 min

Lab File: VU045404.D

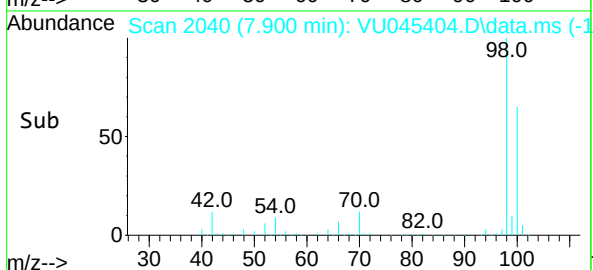
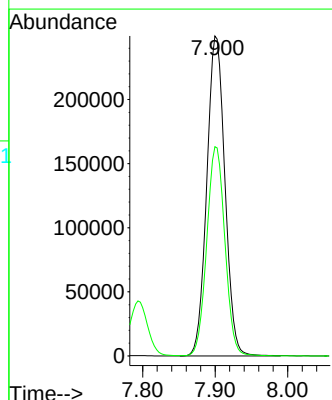
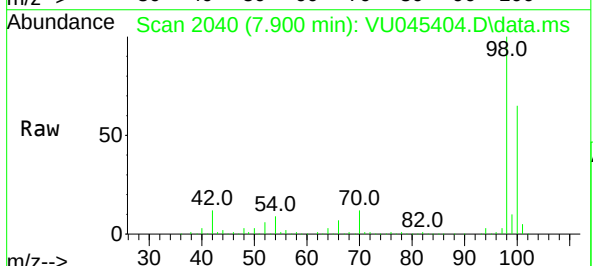
Acq: 26 Oct 2021 16:35

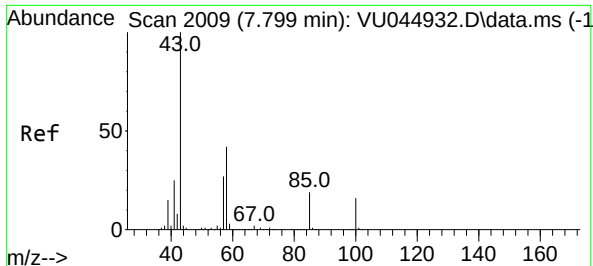
Tgt Ion: 98 Resp: 432974

Ion Ratio Lower Upper

98 100

100 65.4 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 85.468 ug/l

RT: 7.793 min Scan# 2009

Delta R.T. -0.006 min

Lab File: VU045404.D

Acq: 26 Oct 2021 16:35

Instrument :

MSVOA_U

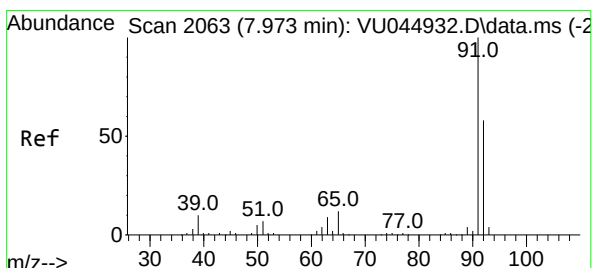
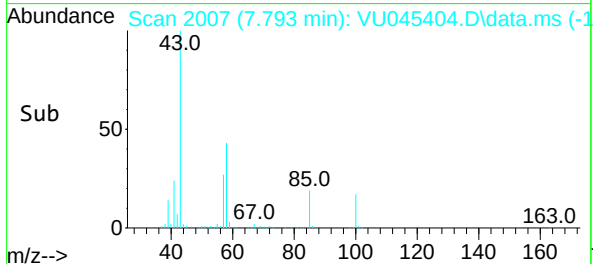
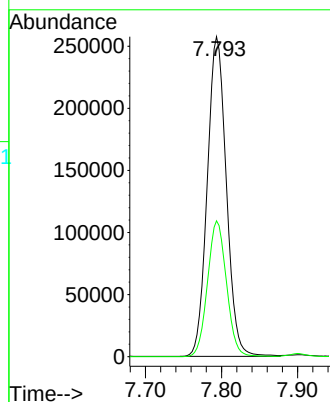
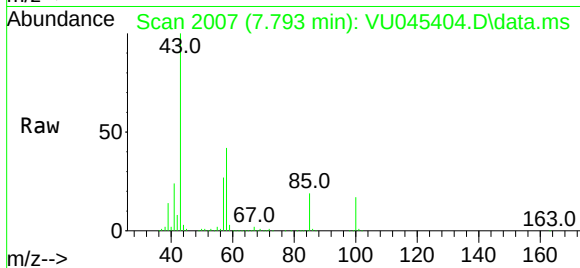
ClientSampleId :

Tgt Ion: 43 Resp: 447819

Ion Ratio Lower Upper

43 100

58 42.3 32.4 48.6



#52

Toluene

Concen: 20.720 ug/l

RT: 7.974 min Scan# 2063

Delta R.T. 0.001 min

Lab File: VU045404.D

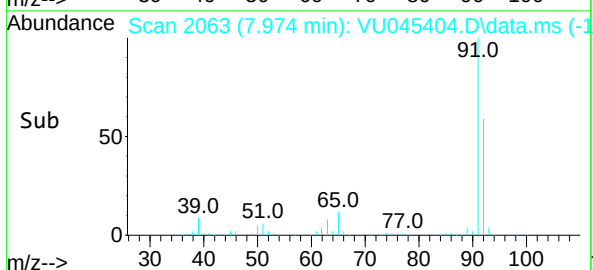
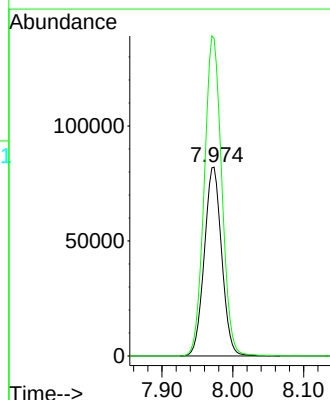
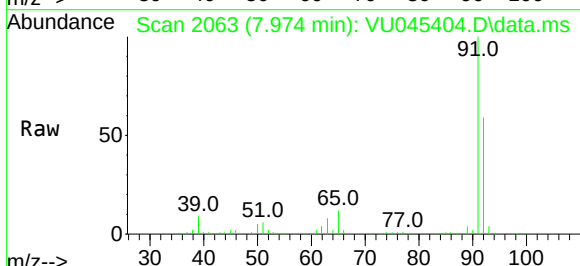
Acq: 26 Oct 2021 16:35

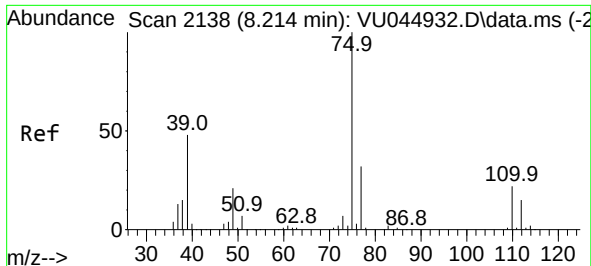
Tgt Ion: 92 Resp: 139649

Ion Ratio Lower Upper

92 100

91 170.7 136.9 205.3

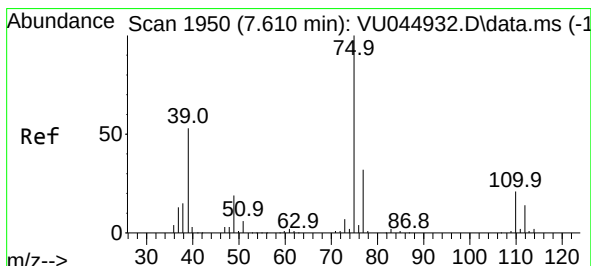
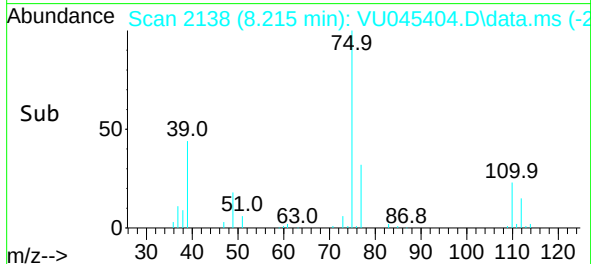
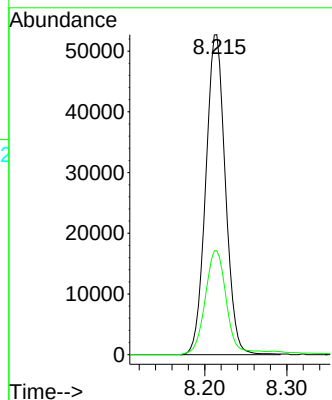
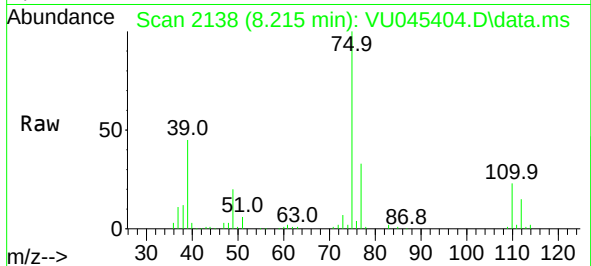




#53
 t-1,3-Dichloropropene
 Concen: 20.465 ug/l
 RT: 8.215 min Scan# 2138
 Delta R.T. 0.001 min
 Lab File: VU045404.D
 Acq: 26 Oct 2021 16:35

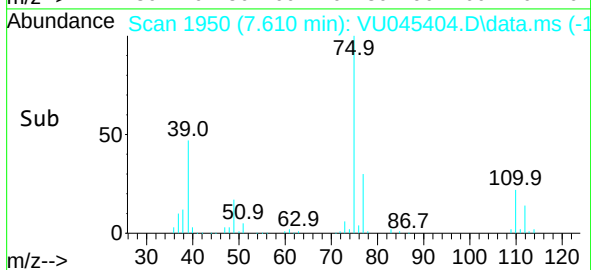
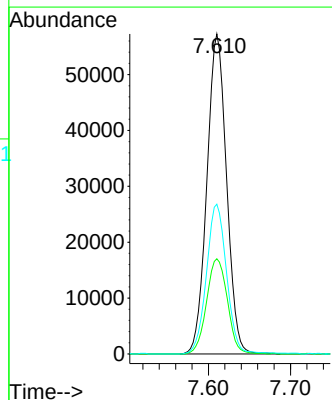
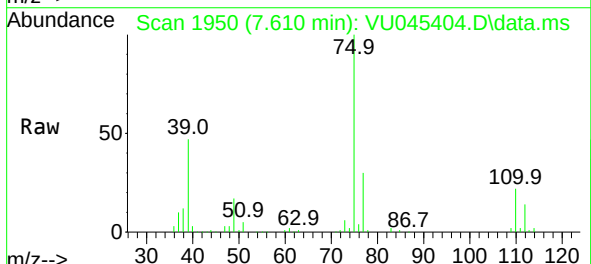
Instrument :
 MSVOA_U
 ClientSampleId :

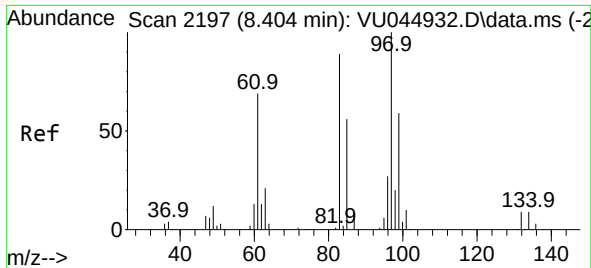
Tgt Ion: 75 Resp: 87395
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 21.510 ug/l
 RT: 7.610 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VU045404.D
 Acq: 26 Oct 2021 16:35

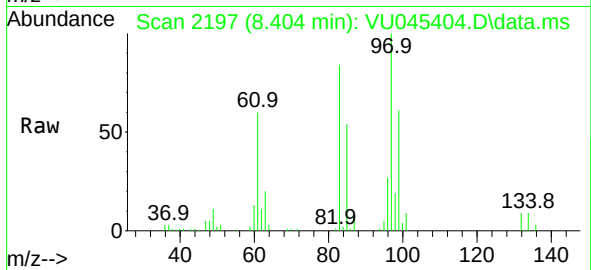
Tgt Ion: 75 Resp: 95681
 Ion Ratio Lower Upper
 75 100
 77 29.7 25.0 37.6
 39 46.8 41.4 62.2



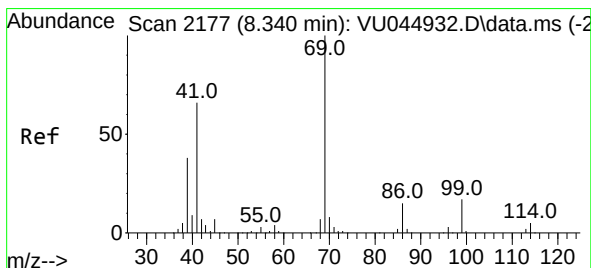
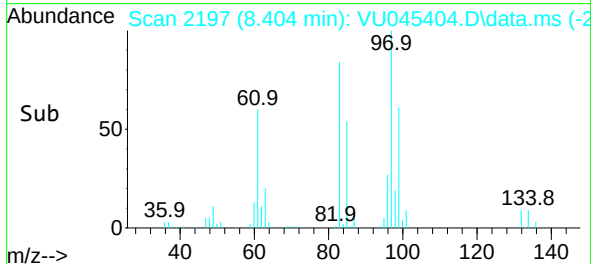
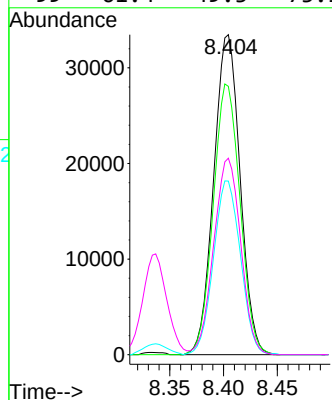


#55
 1,1,2-Trichloroethane
 Concen: 20.370 ug/l
 RT: 8.404 min Scan# 2197
 Delta R.T. 0.000 min
 Lab File: VU045404.D
 Acq: 26 Oct 2021 16:35

Instrument :
 MSVOA_U
 ClientSampleId :

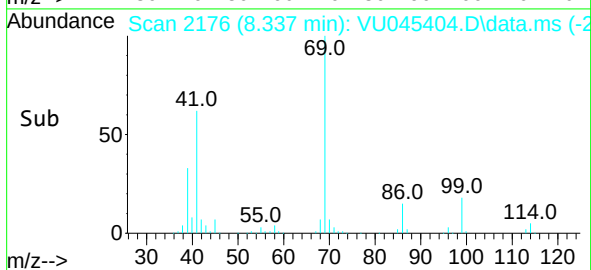
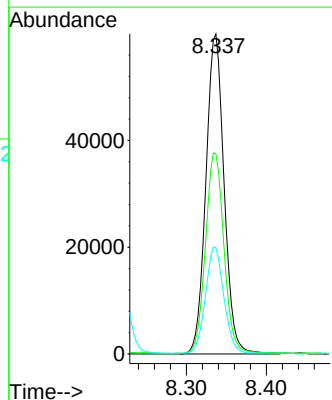
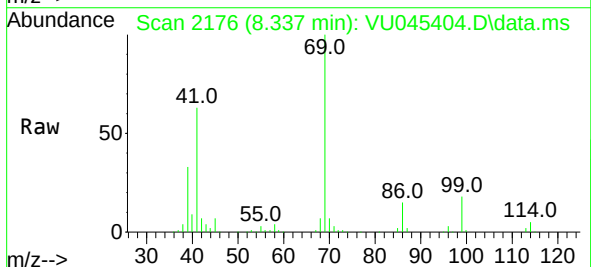


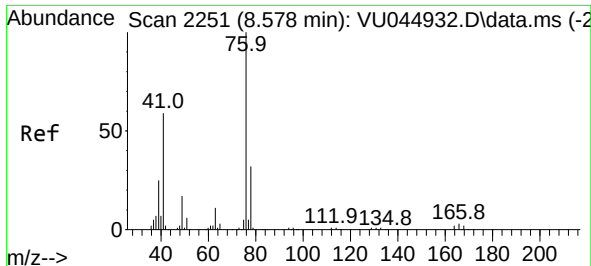
Tgt Ion:	97	Resp:	57202
Ion	Ratio	Lower	Upper
97	100		
83	83.9	69.7	104.5
85	54.2	44.8	67.2
99	61.4	49.3	73.9



#56
 Ethyl methacrylate
 Concen: 18.643 ug/l
 RT: 8.337 min Scan# 2176
 Delta R.T. -0.003 min
 Lab File: VU045404.D
 Acq: 26 Oct 2021 16:35

Tgt Ion:	69	Resp:	95193
Ion	Ratio	Lower	Upper
69	100		
41	64.1	53.5	80.3
39	34.5	31.1	46.7





#57

1,3-Dichloropropane

Concen: 19.678 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045404.D

Acq: 26 Oct 2021 16:35

Instrument :

MSVOA_U

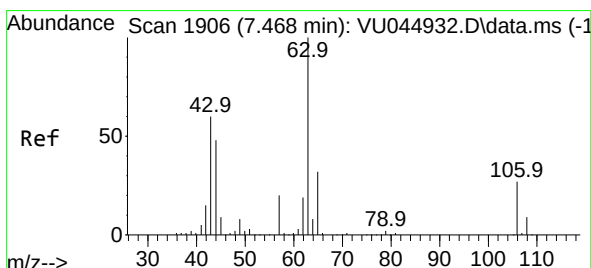
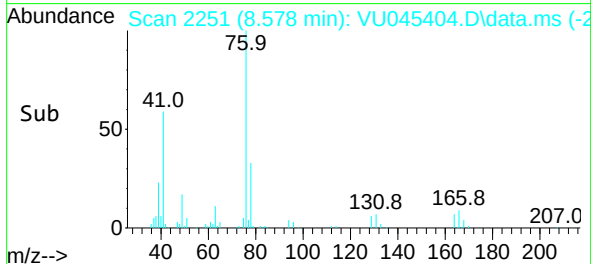
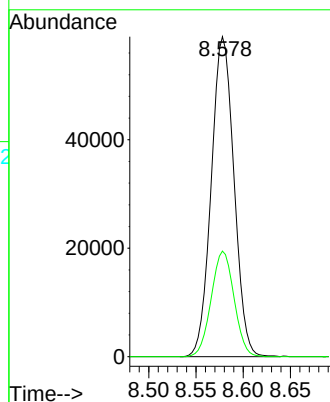
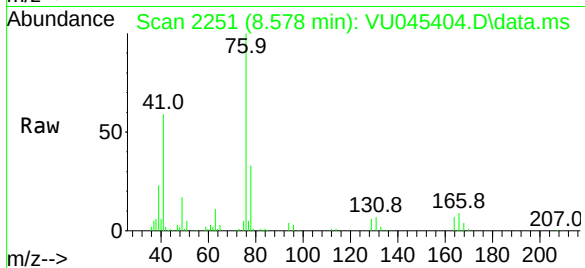
ClientSampleId :

Tgt Ion: 76 Resp: 98620

Ion Ratio Lower Upper

76 100

78 33.2 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 120.278 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. -0.003 min

Lab File: VU045404.D

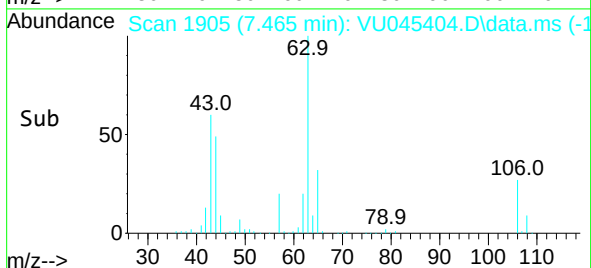
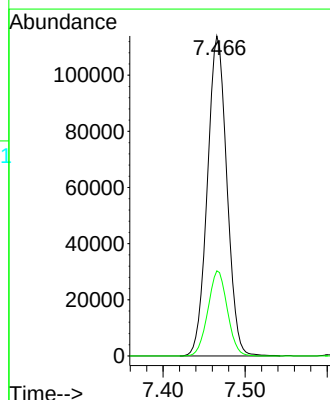
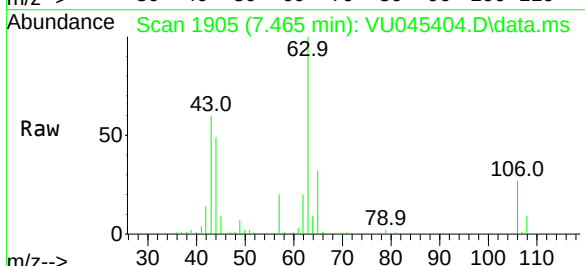
Acq: 26 Oct 2021 16:35

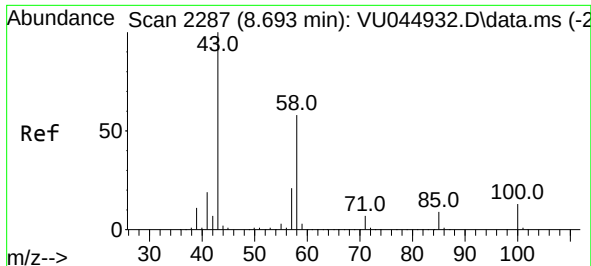
Tgt Ion: 63 Resp: 187949

Ion Ratio Lower Upper

63 100

106 26.5 20.5 30.7





#59

2-Hexanone

Concen: 81.472 ug/l

RT: 8.687 min Scan# 21

Delta R.T. -0.006 min

Lab File: VU045404.D

Acq: 26 Oct 2021 16:35

Instrument :

MSVOA_U

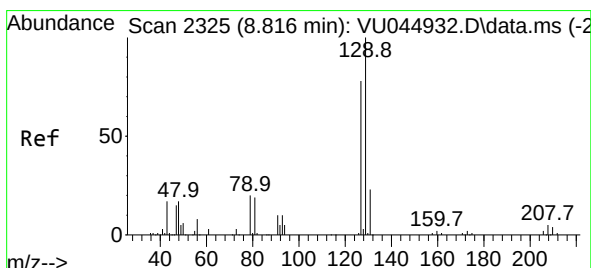
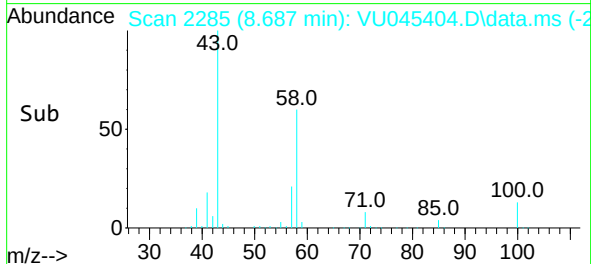
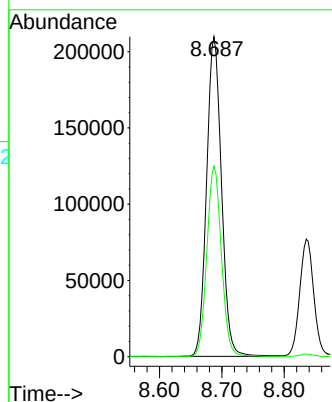
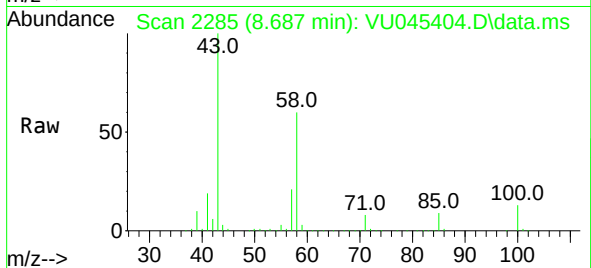
ClientSampleId :

Tgt Ion: 43 Resp: 347622

Ion Ratio Lower Upper

43 100

58 58.7 28.0 84.0



#60

Dibromochloromethane

Concen: 19.716 ug/l

RT: 8.813 min Scan# 2324

Delta R.T. -0.003 min

Lab File: VU045404.D

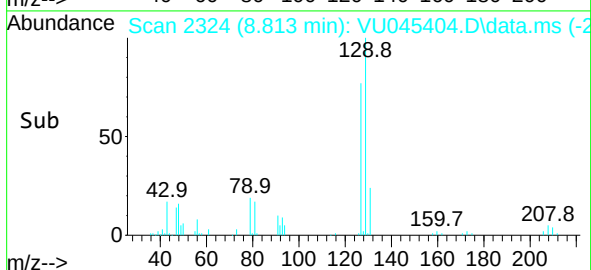
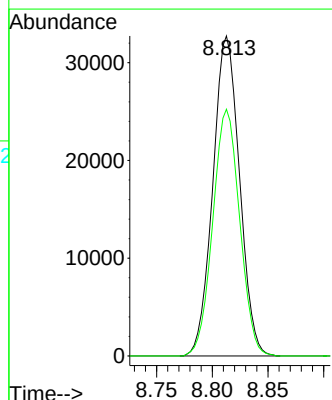
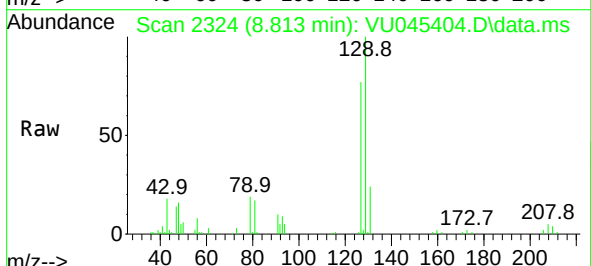
Acq: 26 Oct 2021 16:35

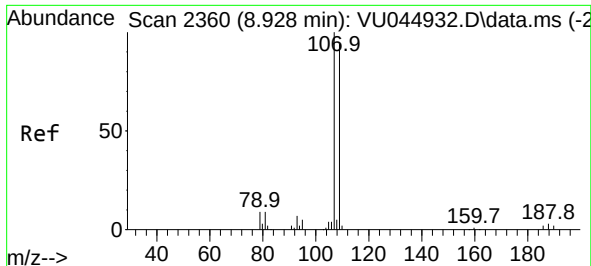
Tgt Ion: 129 Resp: 54603

Ion Ratio Lower Upper

129 100

127 77.6 39.0 117.0

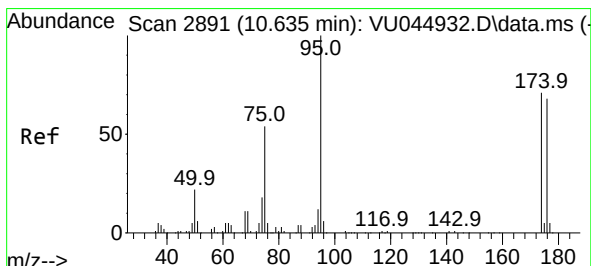
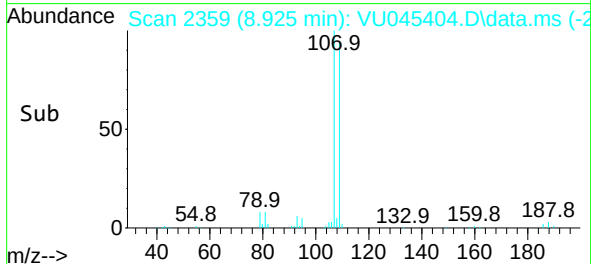
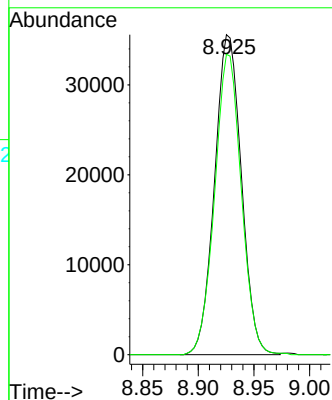
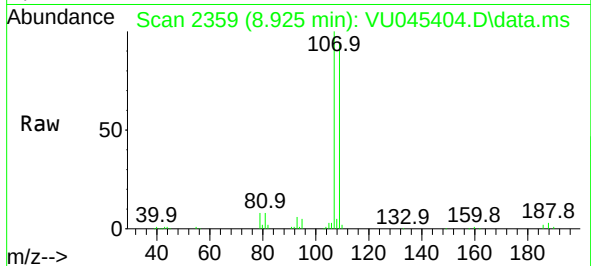




#61
1,2-Dibromoethane
Concen: 19.927 ug/l
RT: 8.925 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU045404.D
Acq: 26 Oct 2021 16:35

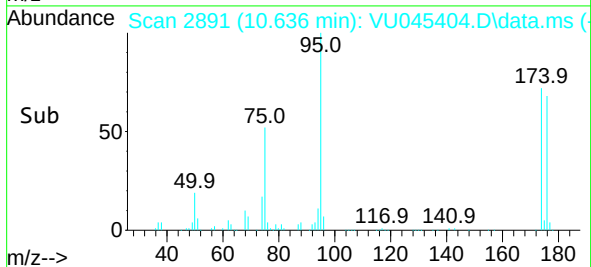
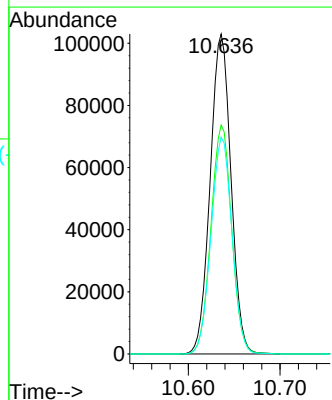
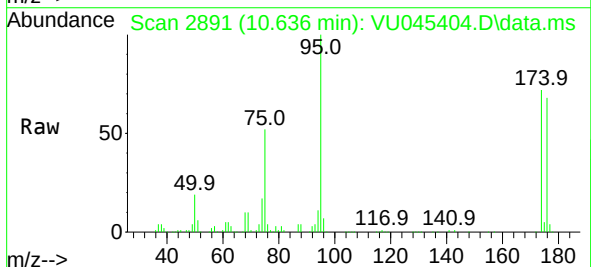
Instrument :
MSVOA_U
ClientSampleId :

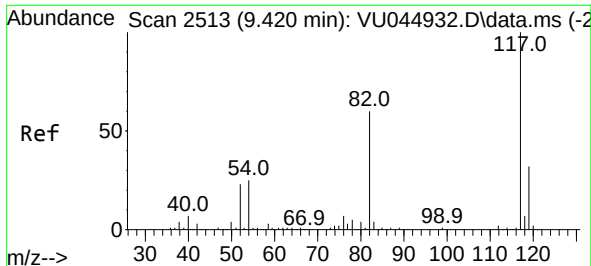
Tgt Ion:107 Resp: 59482
Ion Ratio Lower Upper
107 100
109 93.6 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 45.663 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.001 min
Lab File: VU045404.D
Acq: 26 Oct 2021 16:35

Tgt Ion: 95 Resp: 162463
Ion Ratio Lower Upper
95 100
174 71.4 0.0 146.6
176 68.3 0.0 141.2

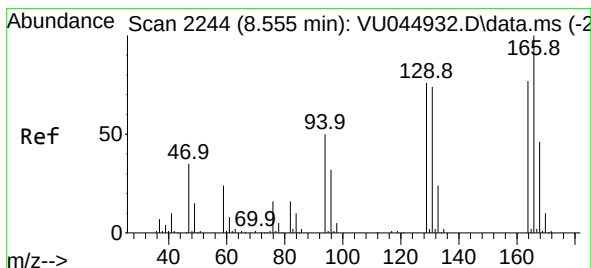
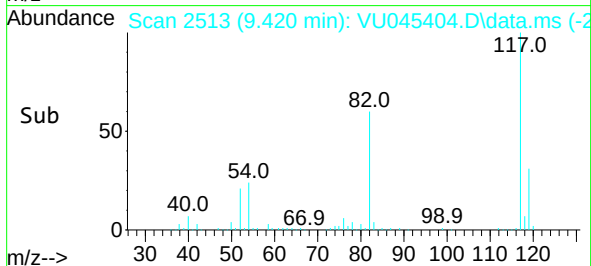
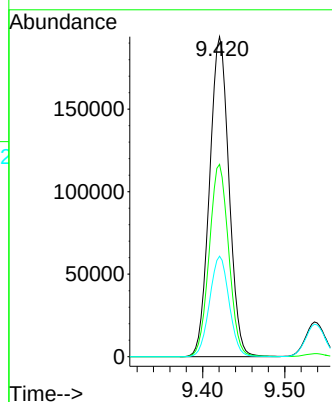
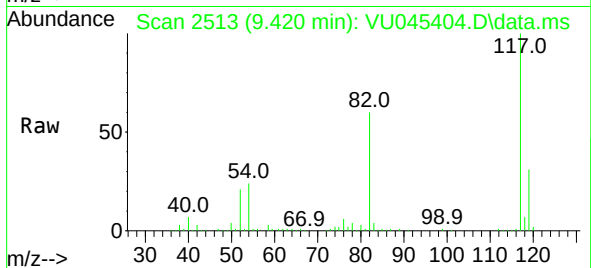




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045404.D
Acq: 26 Oct 2021 16:35

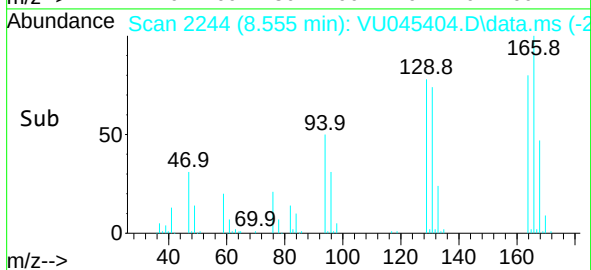
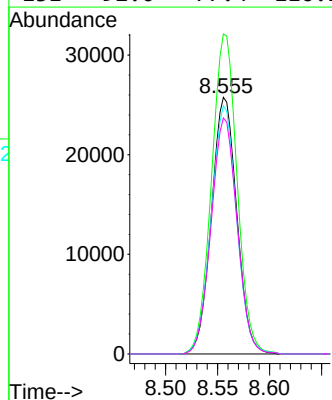
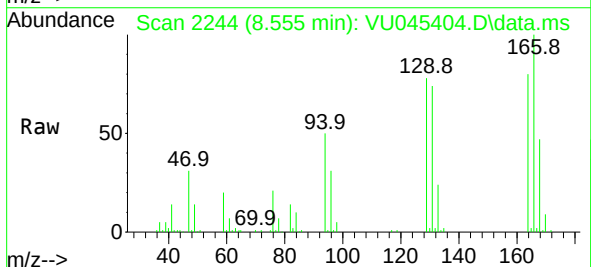
Instrument :
MSVOA_U
ClientSampleId :

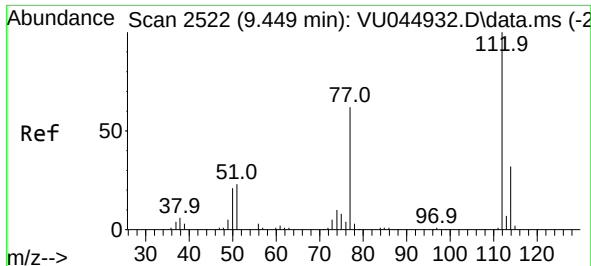
Tgt Ion:117 Resp: 319437
Ion Ratio Lower Upper
117 100
82 60.1 47.8 71.8
119 31.4 25.8 38.6



#64
Tetrachloroethene
Concen: 20.930 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045404.D
Acq: 26 Oct 2021 16:35

Tgt Ion:164 Resp: 43637
Ion Ratio Lower Upper
164 100
166 124.7 102.8 154.2
129 96.7 79.4 119.2
131 92.0 77.4 116.2

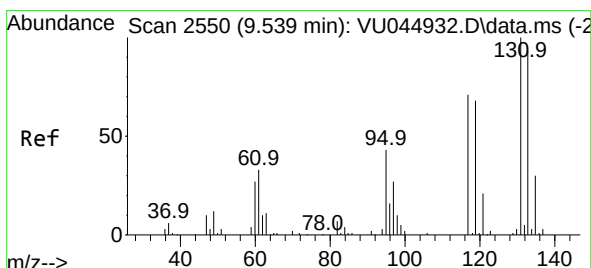
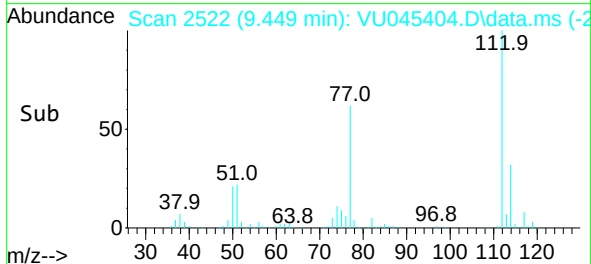
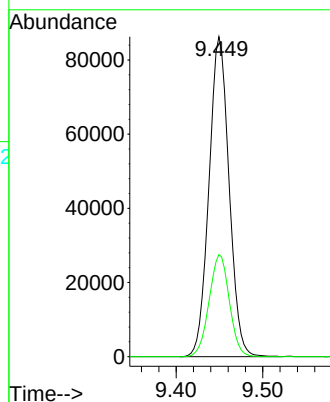
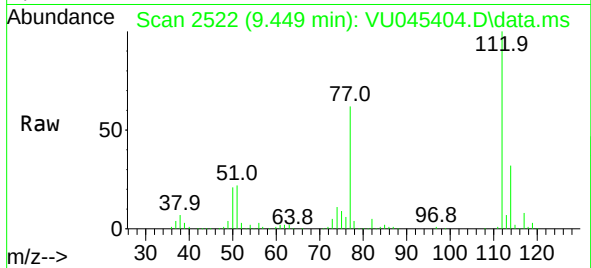




#65
Chlorobenzene
Concen: 20.758 ug/l
RT: 9.449 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU045404.D
Acq: 26 Oct 2021 16:35

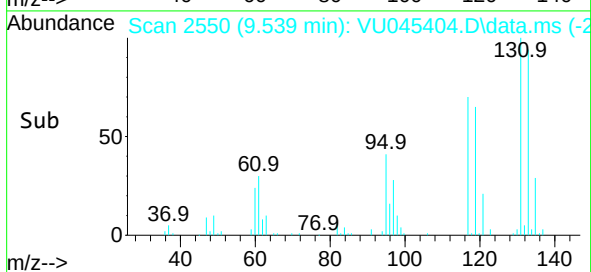
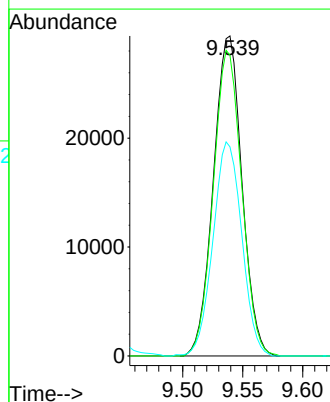
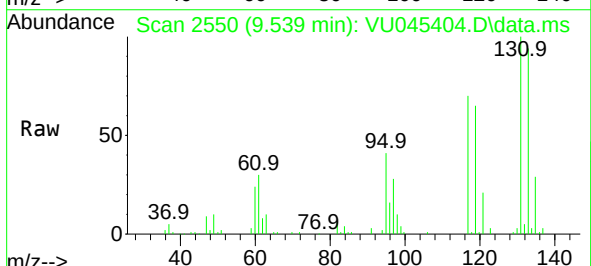
Instrument :
MSVOA_U
ClientSampleId :

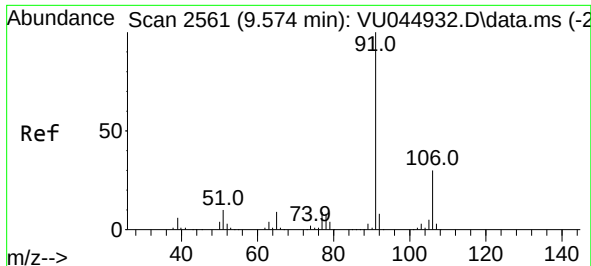
Tgt Ion:112 Resp: 139022
Ion Ratio Lower Upper
112 100
114 31.9 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.798 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. 0.000 min
Lab File: VU045404.D
Acq: 26 Oct 2021 16:35

Tgt Ion:131 Resp: 48629
Ion Ratio Lower Upper
131 100
133 95.1 48.1 144.3
119 67.5 34.1 102.3





#67

Ethyl Benzene

Concen: 20.975 ug/l

RT: 9.572 min Scan# 2561

Delta R.T. -0.002 min

Lab File: VU045404.D

Acq: 26 Oct 2021 16:35

Instrument :

MSVOA_U

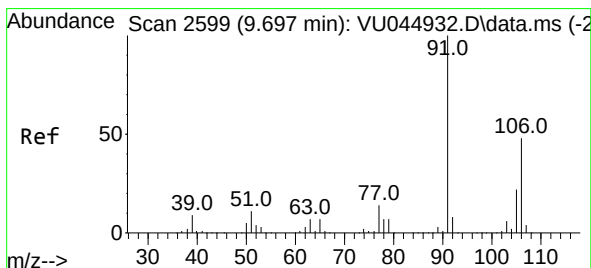
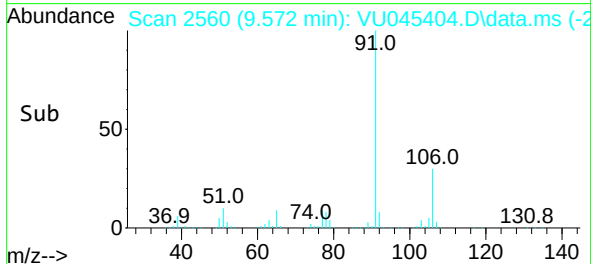
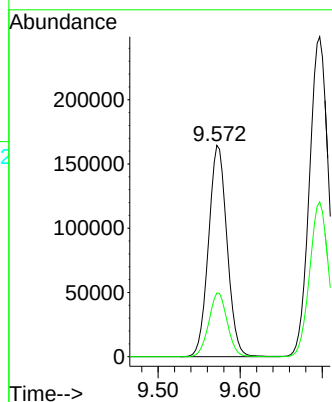
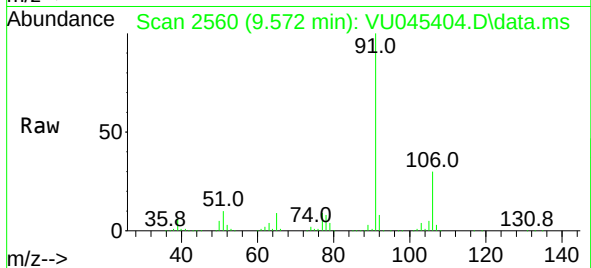
ClientSampleId :

Tgt Ion: 91 Resp: 258491

Ion Ratio Lower Upper

91 100

106 30.2 24.3 36.5



#68

m/p-Xylenes

Concen: 40.514 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. -0.000 min

Lab File: VU045404.D

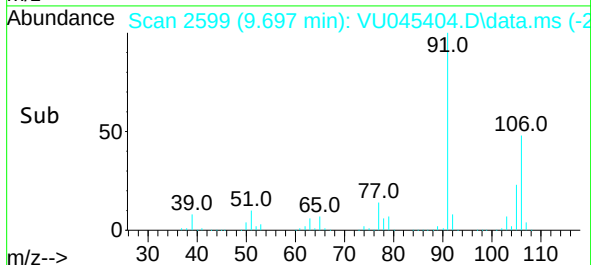
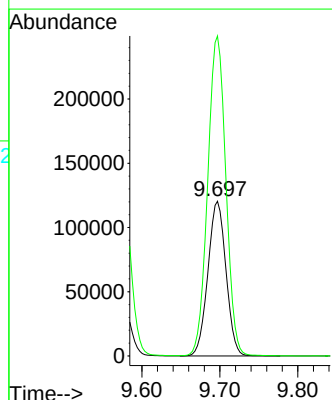
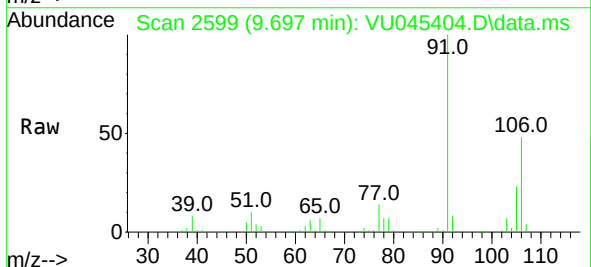
Acq: 26 Oct 2021 16:35

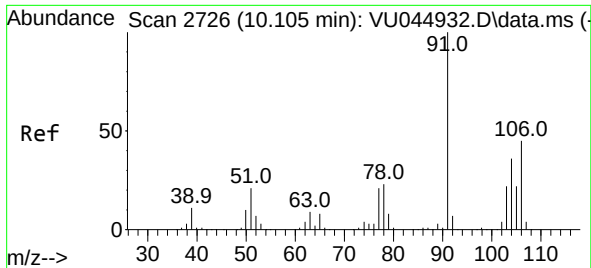
Tgt Ion: 106 Resp: 193976

Ion Ratio Lower Upper

106 100

91 208.3 164.2 246.2

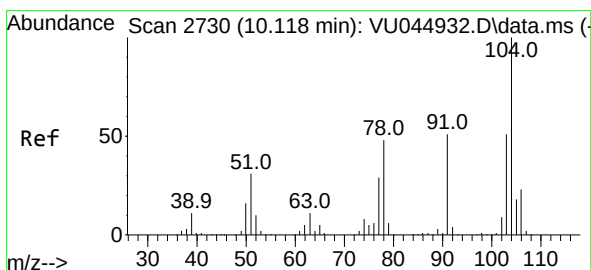
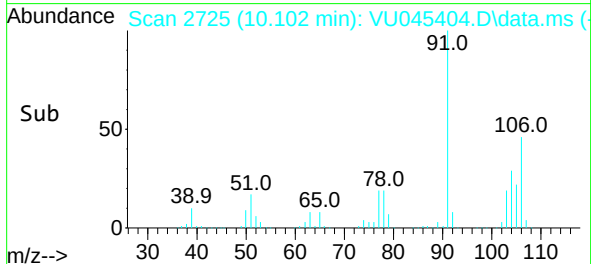
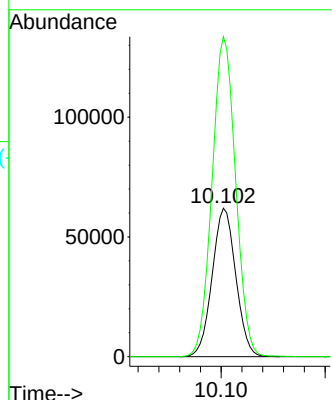
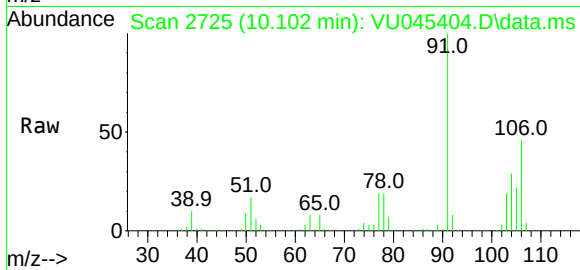




#69
o-Xylene
Concen: 20.563 ug/l
RT: 10.102 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU045404.D
Acq: 26 Oct 2021 16:35

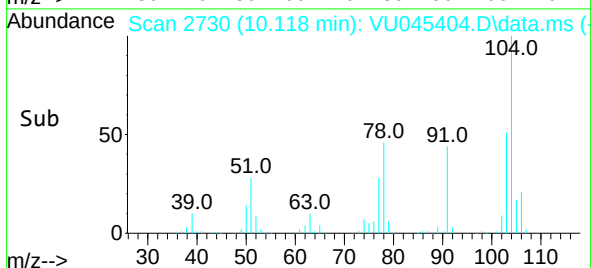
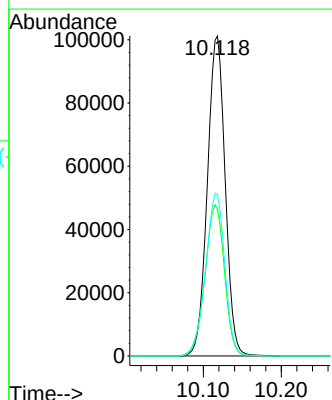
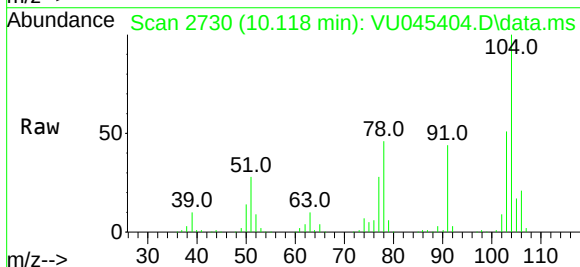
Instrument :
MSVOA_U
ClientSampleId :

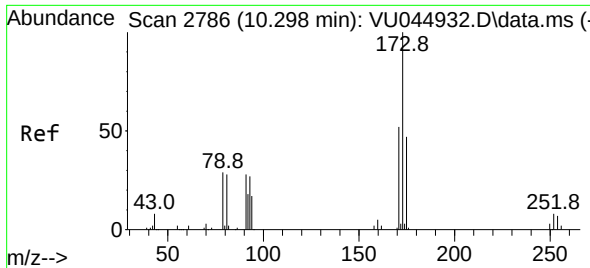
Tgt Ion:106 Resp: 97712
Ion Ratio Lower Upper
106 100
91 215.4 108.9 326.7



#70
Styrene
Concen: 20.164 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU045404.D
Acq: 26 Oct 2021 16:35

Tgt Ion:104 Resp: 160743
Ion Ratio Lower Upper
104 100
78 51.8 41.4 62.0
103 54.9 43.5 65.3

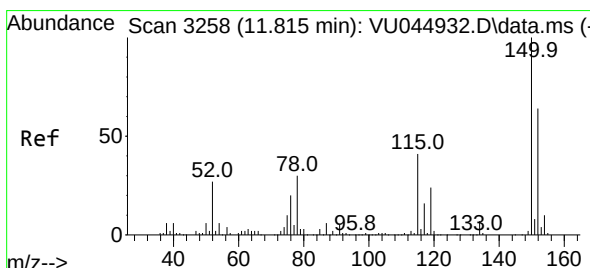
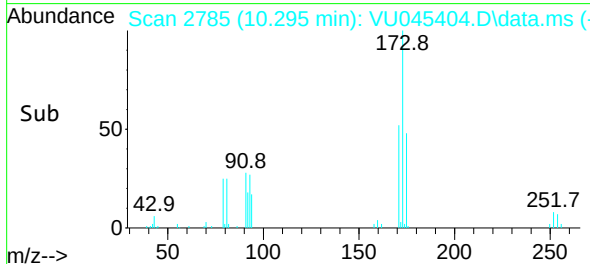
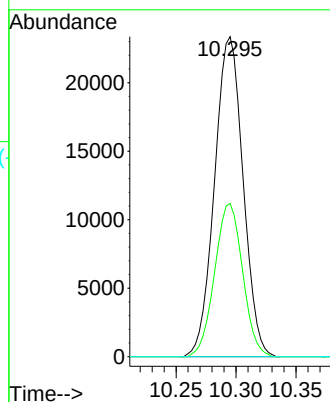
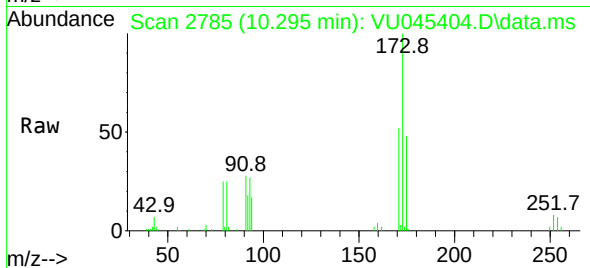




#71
Bromoform
Concen: 17.956 ug/l
RT: 10.295 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU045404.D
Acq: 26 Oct 2021 16:35

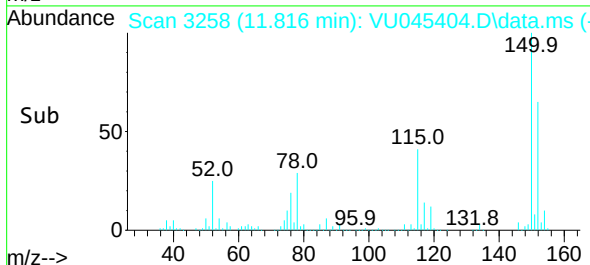
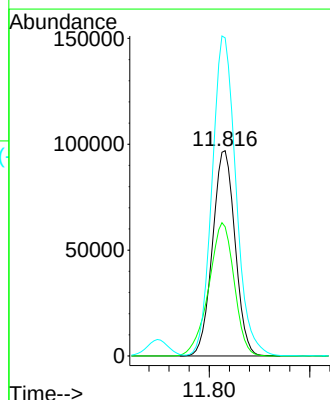
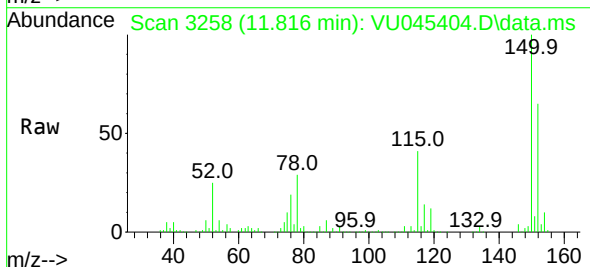
Instrument :
MSVOA_U
ClientSampleId :

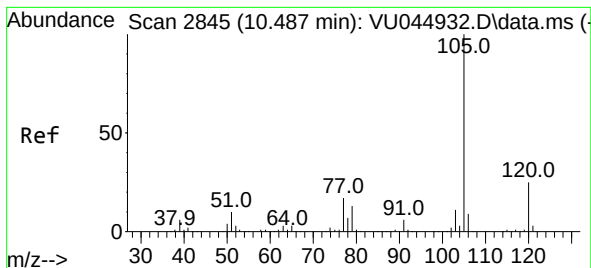
Tgt Ion:173 Resp: 38608
Ion Ratio Lower Upper
173 100
175 46.9 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.001 min
Lab File: VU045404.D
Acq: 26 Oct 2021 16:35

Tgt Ion:152 Resp: 151148
Ion Ratio Lower Upper
152 100
115 72.9 43.5 130.7
150 165.0 0.0 350.0





#73

Isopropylbenzene

Concen: 22.210 ug/l

RT: 10.488 min Scan# 21

Delta R.T. 0.001 min

Lab File: VU045404.D

Acq: 26 Oct 2021 16:35

Instrument :

MSVOA_U

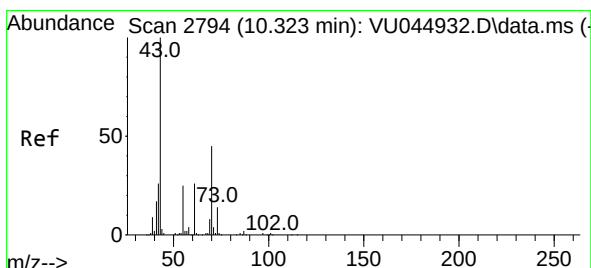
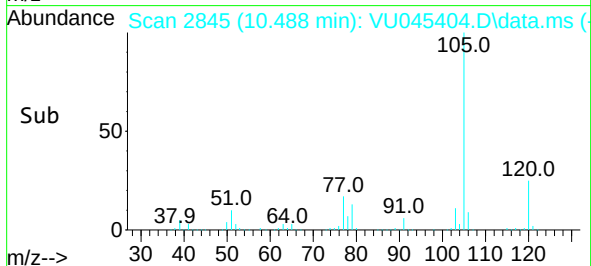
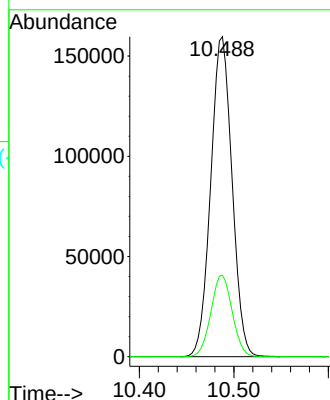
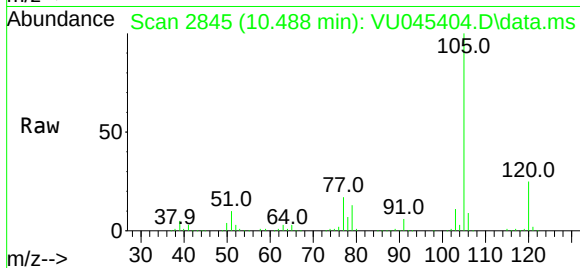
ClientSampleId :

Tgt Ion:105 Resp: 249995

Ion Ratio Lower Upper

105 100

120 25.4 12.8 38.3



#74

N-ethyl acetate

Concen: 21.364 ug/l

RT: 10.321 min Scan# 2793

Delta R.T. -0.002 min

Lab File: VU045404.D

Acq: 26 Oct 2021 16:35

Tgt Ion: 43 Resp: 121080

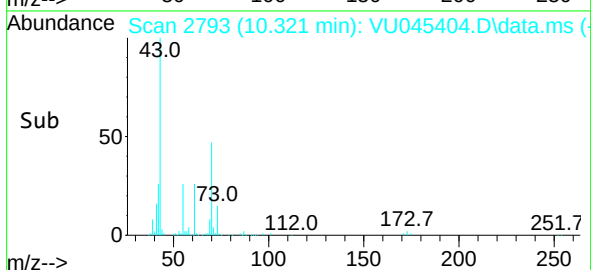
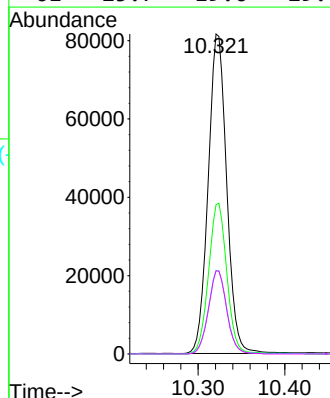
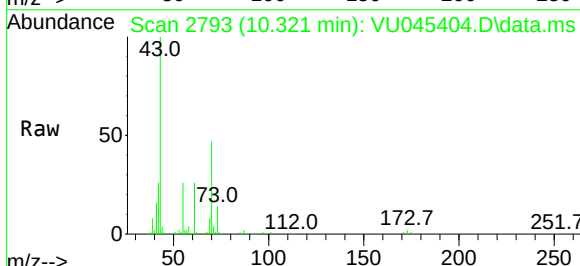
Ion Ratio Lower Upper

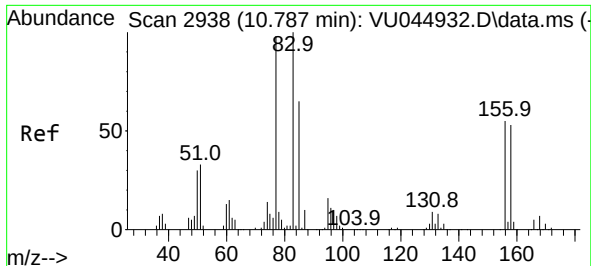
43 100

70 46.7 35.1 52.7

55 26.3 20.5 30.7

61 25.7 19.6 29.4

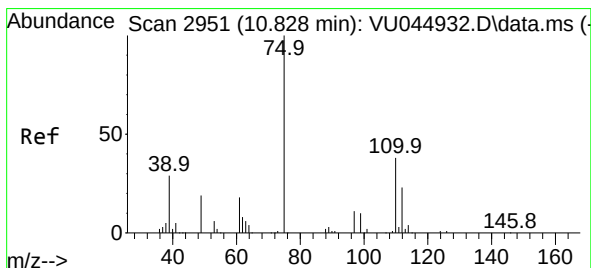
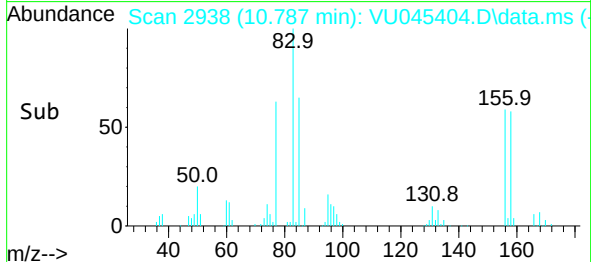
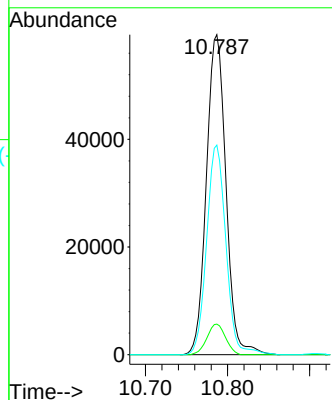
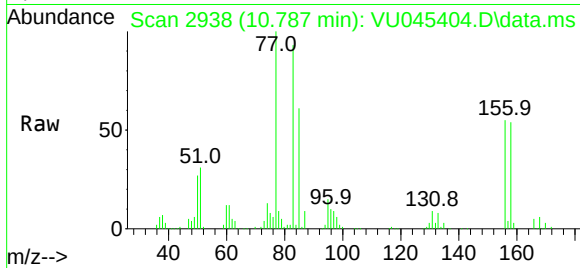




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.209 ug/l
 RT: 10.787 min Scan# 2938
 Delta R.T. -0.000 min
 Lab File: VU045404.D
 Acq: 26 Oct 2021 16:35

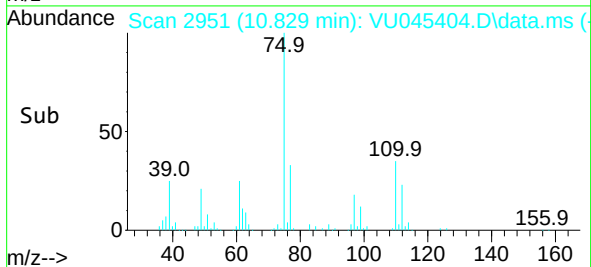
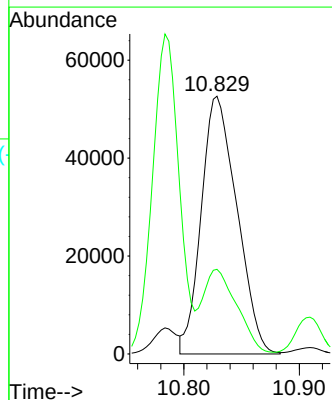
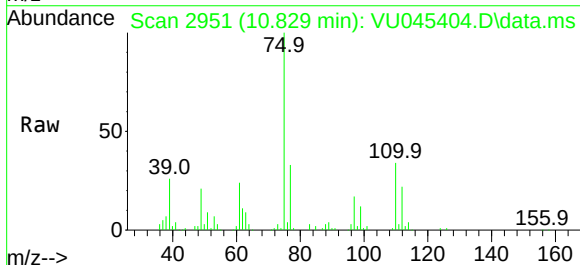
Instrument :
 MSVOA_U
 ClientSampleId :

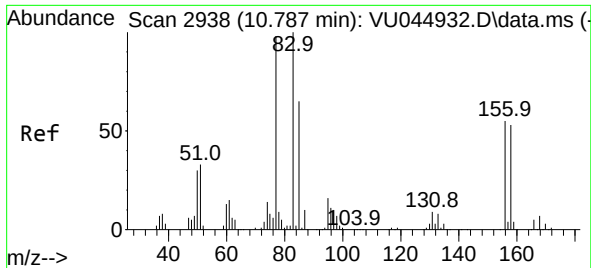
Tgt Ion: 83 Resp: 98424
 Ion Ratio Lower Upper
 83 100
 131 9.1 4.3 13.1
 85 64.7 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 25.580 ug/l
 RT: 10.829 min Scan# 2951
 Delta R.T. 0.001 min
 Lab File: VU045404.D
 Acq: 26 Oct 2021 16:35

Tgt Ion: 75 Resp: 112776
 Ion Ratio Lower Upper
 75 100
 77 30.1 17.9 53.7

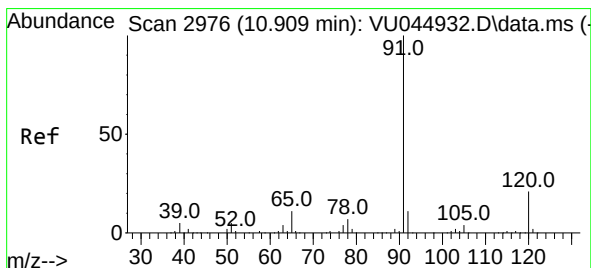
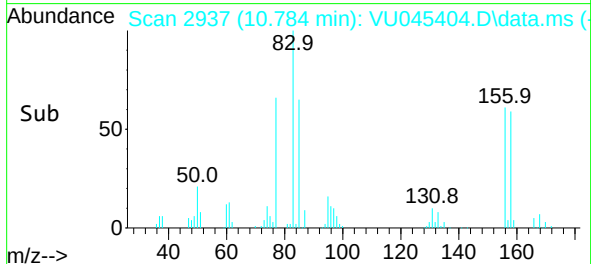
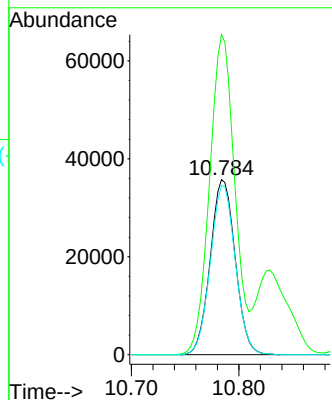
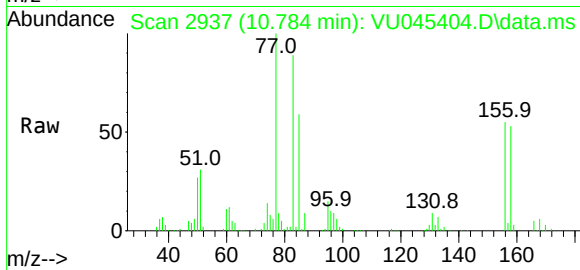




#77
Bromobenzene
Concen: 21.179 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU045404.D
Acq: 26 Oct 2021 16:35

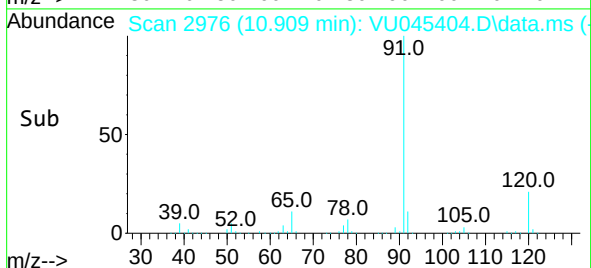
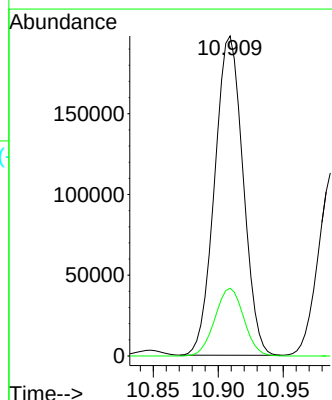
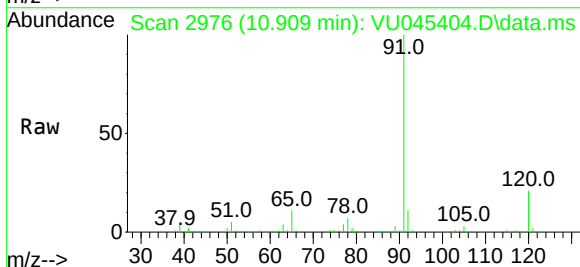
Instrument :
MSVOA_U
ClientSampleId :

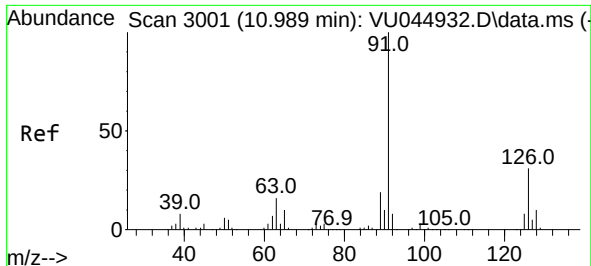
Tgt Ion:156 Resp: 57564
Ion Ratio Lower Upper
156 100
77 183.4 91.1 273.4
158 96.7 48.2 144.6



#78
n-propylbenzene
Concen: 21.890 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.000 min
Lab File: VU045404.D
Acq: 26 Oct 2021 16:35

Tgt Ion: 91 Resp: 300256
Ion Ratio Lower Upper
91 100
120 21.5 10.8 32.4

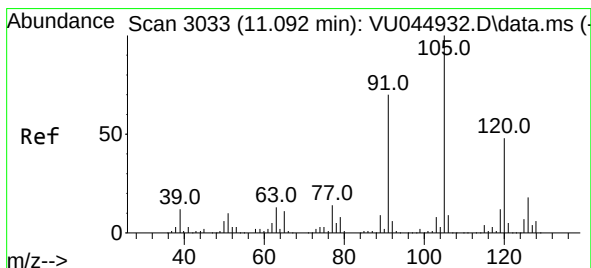
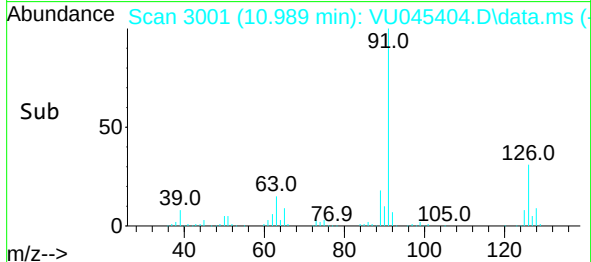
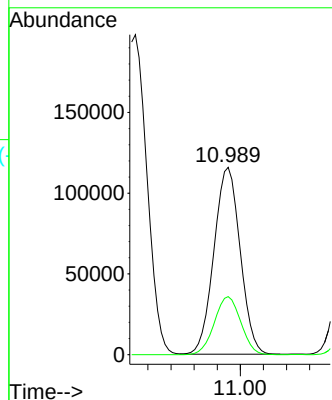
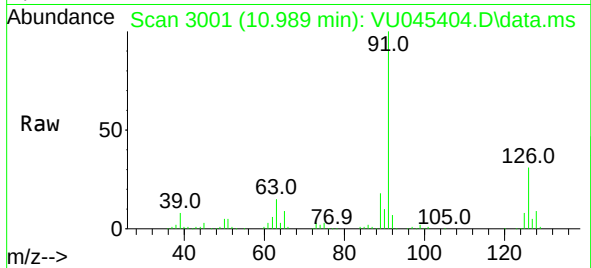




#79
2-Chlorotoluene
Concen: 21.240 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VU045404.D
Acq: 26 Oct 2021 16:35

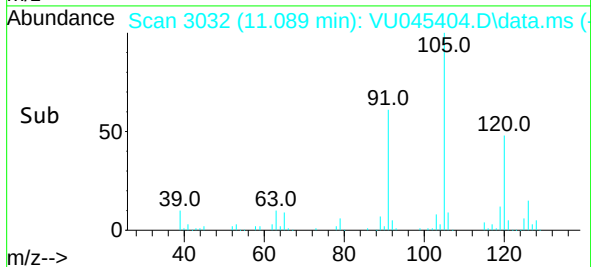
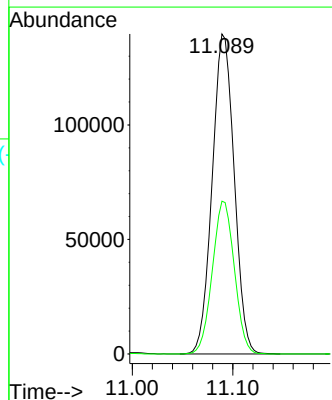
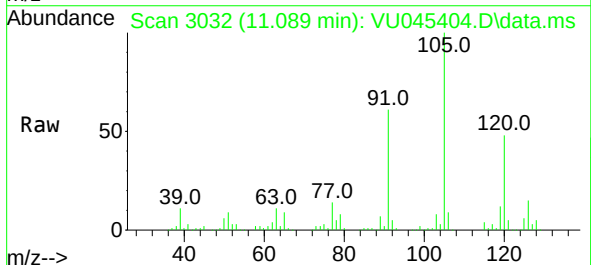
Instrument :
MSVOA_U
ClientSampleId :

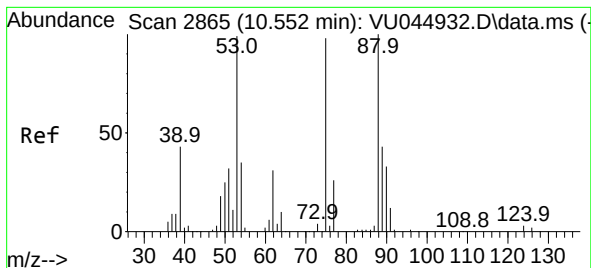
Tgt Ion: 91 Resp: 182616
Ion Ratio Lower Upper
91 100
126 31.3 15.7 47.0



#80
1,3,5-Trimethylbenzene
Concen: 21.519 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.003 min
Lab File: VU045404.D
Acq: 26 Oct 2021 16:35

Tgt Ion: 105 Resp: 212186
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.2

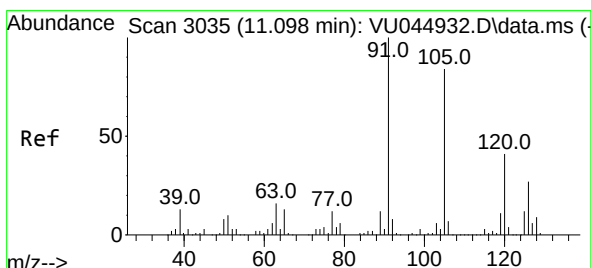
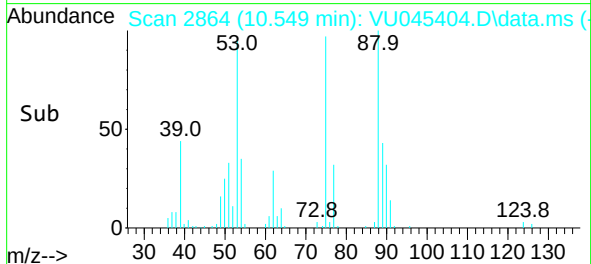
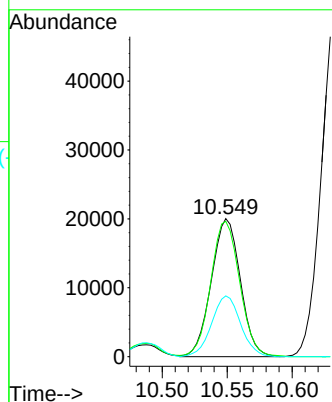
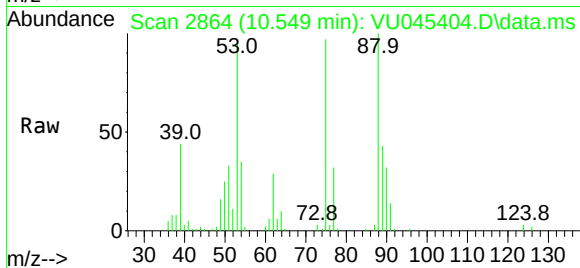




#81
trans-1,4-Dichloro-2-butene
Concen: 19.573 ug/l
RT: 10.549 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU045404.D
Acq: 26 Oct 2021 16:35

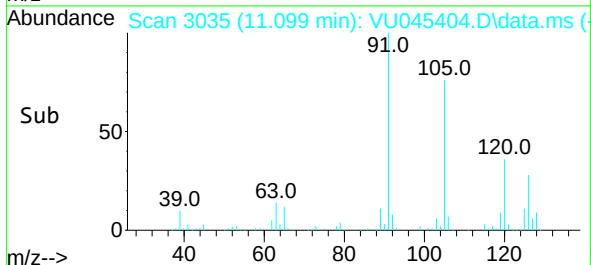
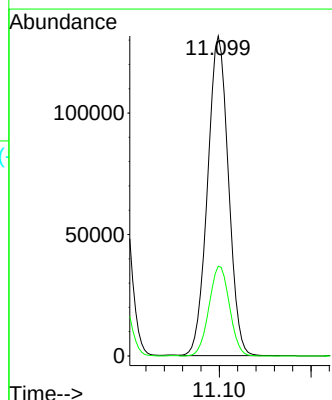
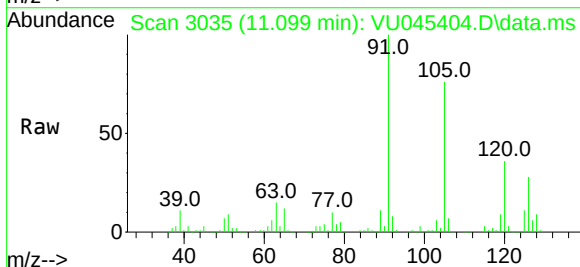
Instrument :
MSVOA_U
ClientSampleId :

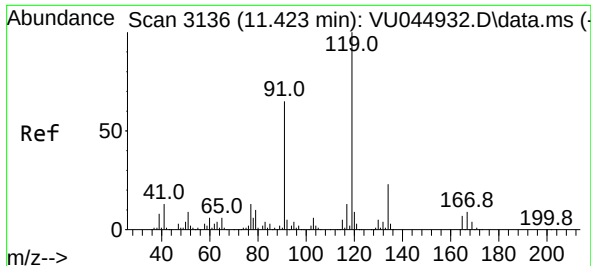
Tgt Ion: 75 Resp: 31094
Ion Ratio Lower Upper
75 100
53 98.3 82.0 123.0
89 44.0 34.2 51.4



#82
4-Chlorotoluene
Concen: 21.371 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.001 min
Lab File: VU045404.D
Acq: 26 Oct 2021 16:35

Tgt Ion: 91 Resp: 207693
Ion Ratio Lower Upper
91 100
126 27.5 13.8 41.4

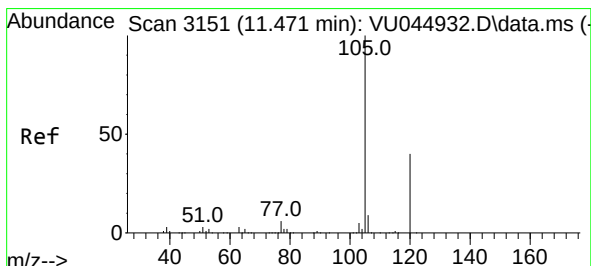
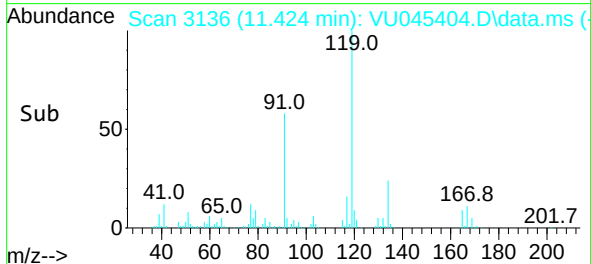
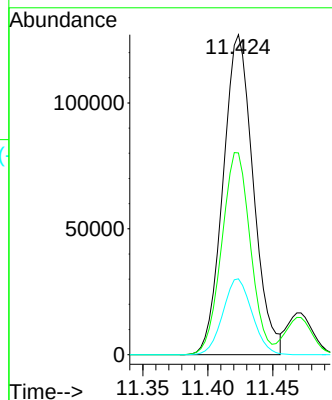
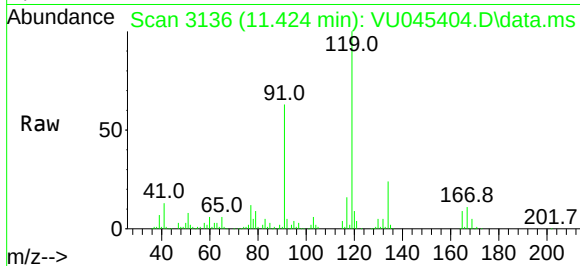




#83
tert-Butylbenzene
Concen: 21.427 ug/l
RT: 11.424 min Scan# 3136
Delta R.T. 0.001 min
Lab File: VU045404.D
Acq: 26 Oct 2021 16:35

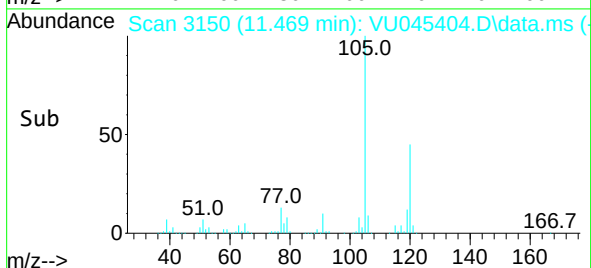
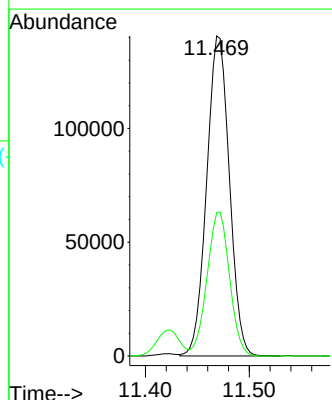
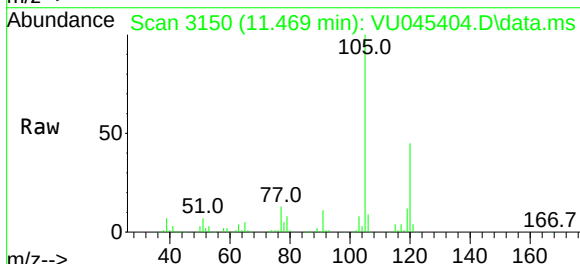
Instrument :
MSVOA_U
ClientSampleId :

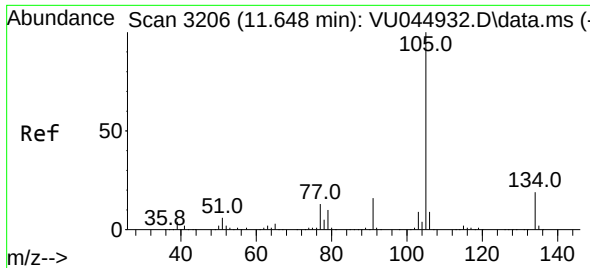
Tgt Ion:119 Resp: 205510
Ion Ratio Lower Upper
119 100
91 60.0 30.4 91.2
134 22.9 11.5 34.5



#84
1,2,4-Trimethylbenzene
Concen: 21.896 ug/l
RT: 11.469 min Scan# 3150
Delta R.T. -0.002 min
Lab File: VU045404.D
Acq: 26 Oct 2021 16:35

Tgt Ion:105 Resp: 213601
Ion Ratio Lower Upper
105 100
120 44.4 22.4 67.3

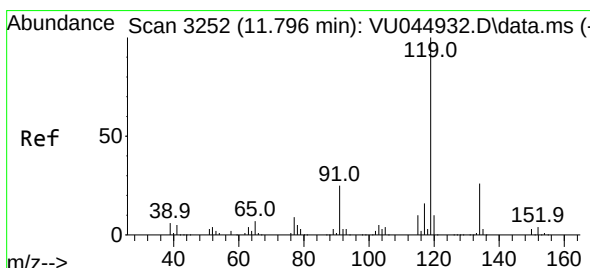
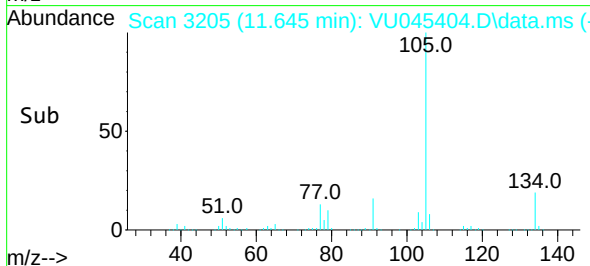
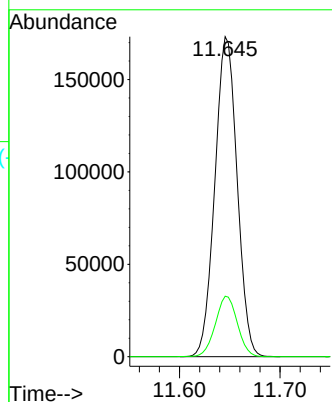
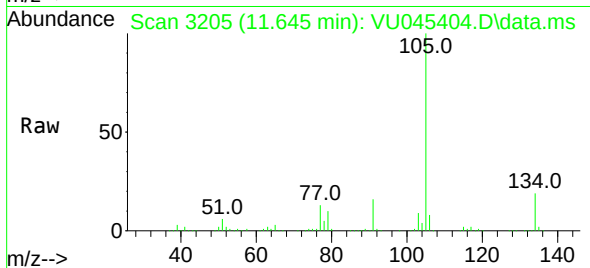




#85
 sec-Butylbenzene
 Concen: 21.546 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU045404.D
 Acq: 26 Oct 2021 16:35

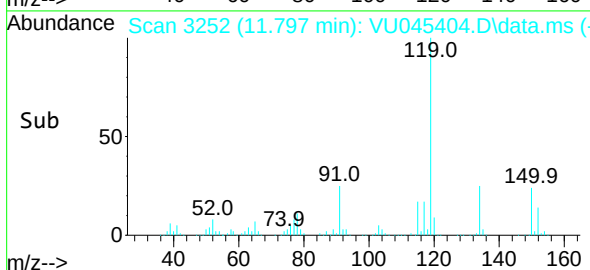
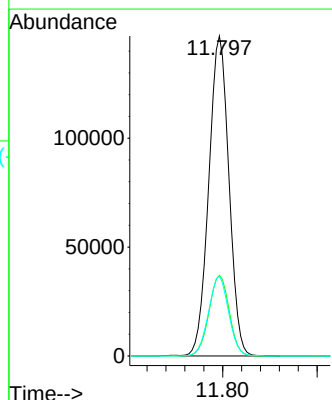
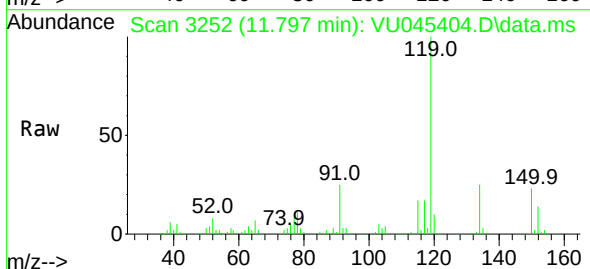
Instrument :
 MSVOA_U
 ClientSampleId :

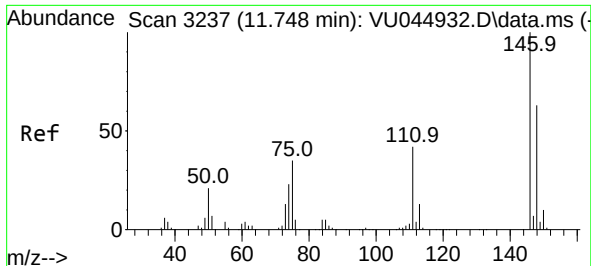
Tgt Ion:105 Resp: 266116
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.3 28.0



#86
 p-Isopropyltoluene
 Concen: 21.843 ug/l
 RT: 11.797 min Scan# 3252
 Delta R.T. 0.001 min
 Lab File: VU045404.D
 Acq: 26 Oct 2021 16:35

Tgt Ion:119 Resp: 217021
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.8 38.3
 91 25.0 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 20.878 ug/l

RT: 11.748 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU045404.D

Acq: 26 Oct 2021 16:35

Instrument :

MSVOA_U

ClientSampleId :

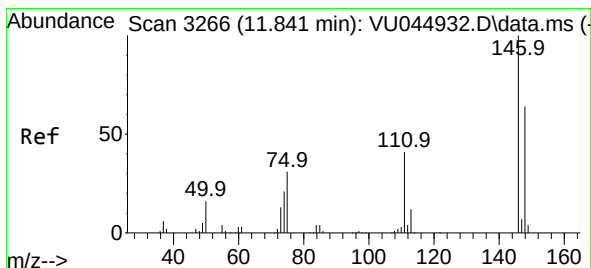
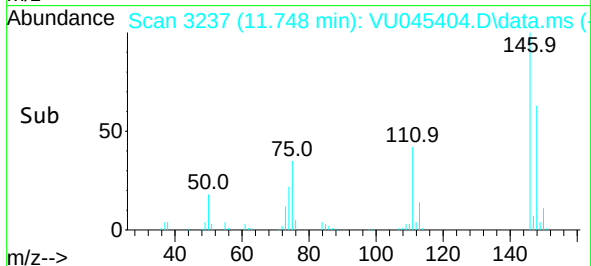
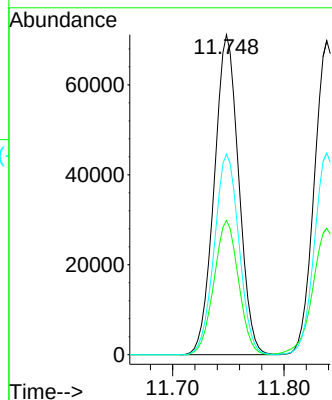
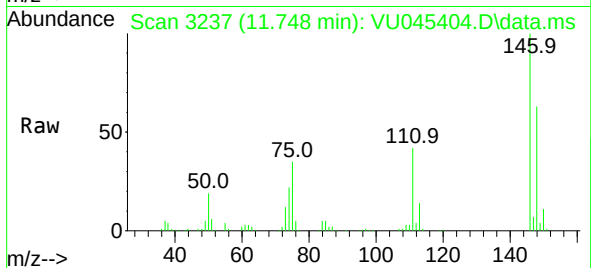
Tgt Ion:146 Resp: 108667

Ion Ratio Lower Upper

146 100

111 42.1 21.2 63.6

148 63.3 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 20.542 ug/l

RT: 11.838 min Scan# 3265

Delta R.T. -0.003 min

Lab File: VU045404.D

Acq: 26 Oct 2021 16:35

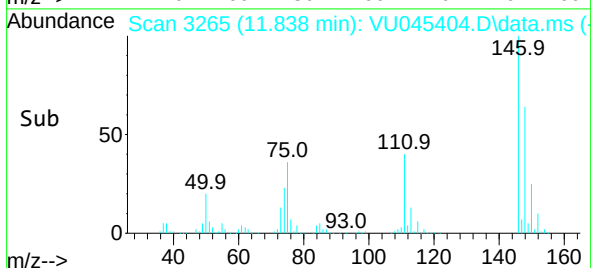
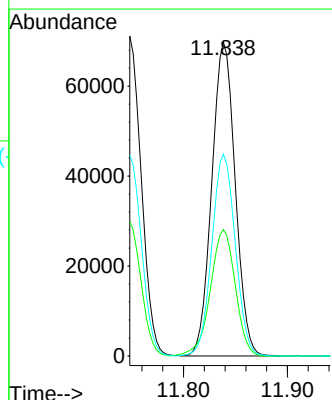
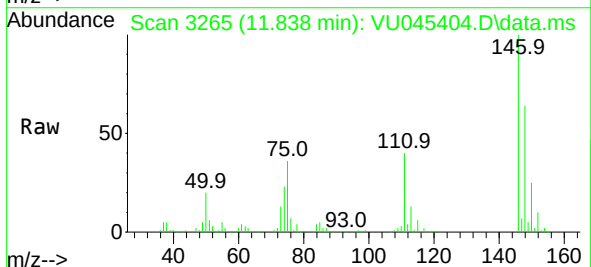
Tgt Ion:146 Resp: 109376

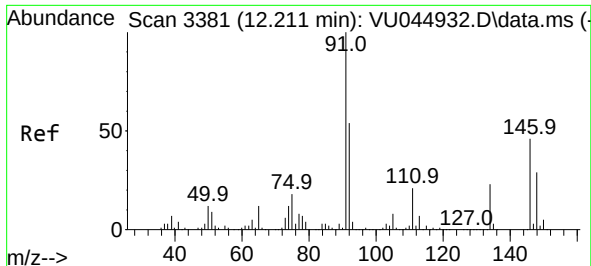
Ion Ratio Lower Upper

146 100

111 42.8 20.3 61.0

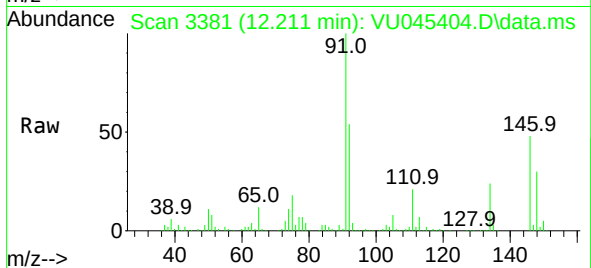
148 64.4 31.8 95.3



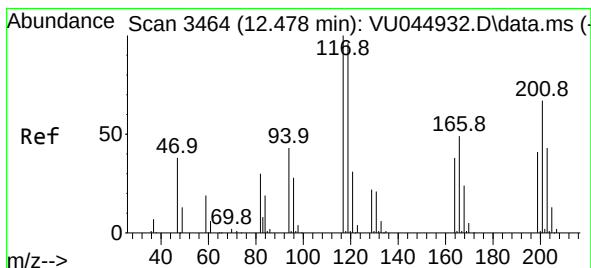
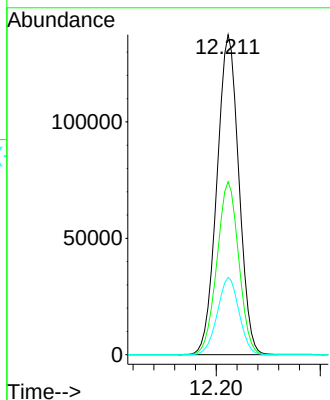
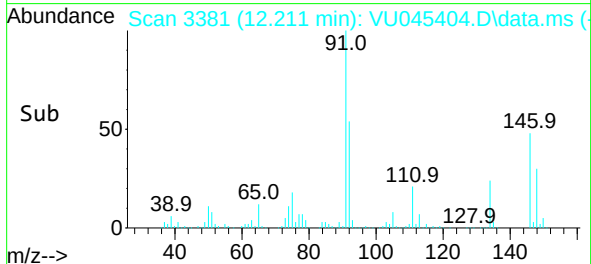


#89
n-Butylbenzene
Concen: 22.017 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU045404.D
Acq: 26 Oct 2021 16:35

Instrument :
MSVOA_U
ClientSampleId :

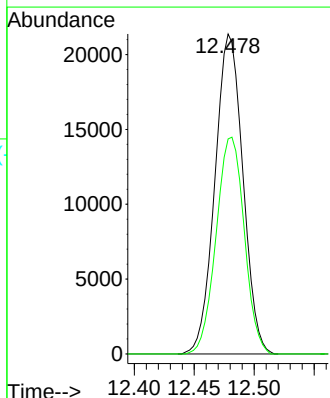
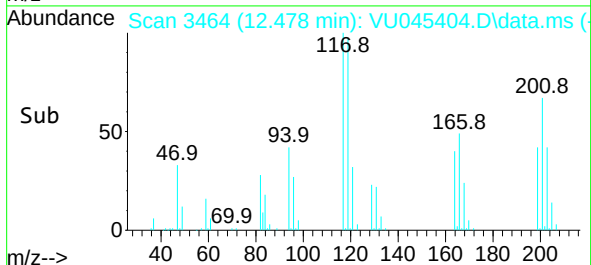
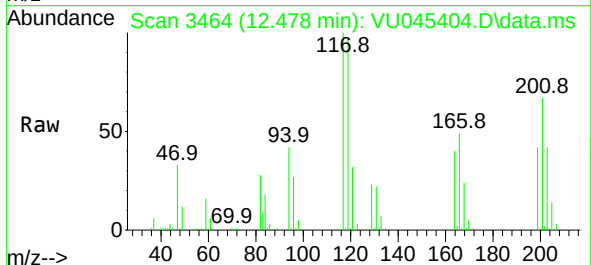


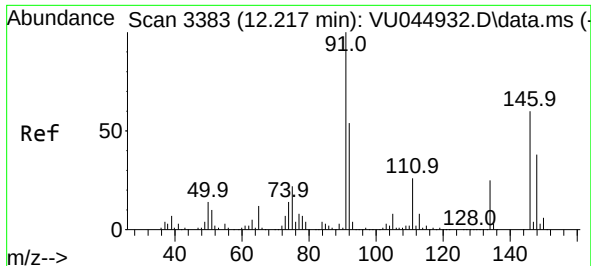
Tgt Ion: 91 Resp: 201480
Ion Ratio Lower Upper
91 100
92 53.7 26.8 80.4
134 23.8 11.8 35.4



#90
Hexachloroethane
Concen: 19.292 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.000 min
Lab File: VU045404.D
Acq: 26 Oct 2021 16:35

Tgt Ion: 117 Resp: 34612
Ion Ratio Lower Upper
117 100
201 68.2 34.8 104.3





#91

1,2-Dichlorobenzene

Concen: 20.898 ug/l

RT: 12.214 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU045404.D

Acq: 26 Oct 2021 16:35

Instrument :

MSVOA_U

ClientSampleId :

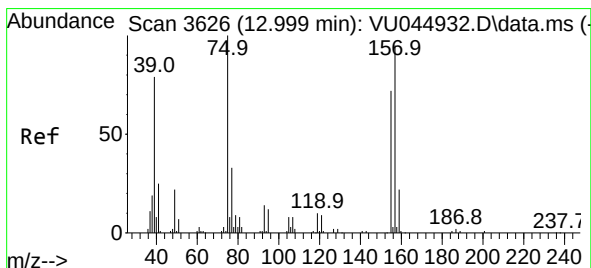
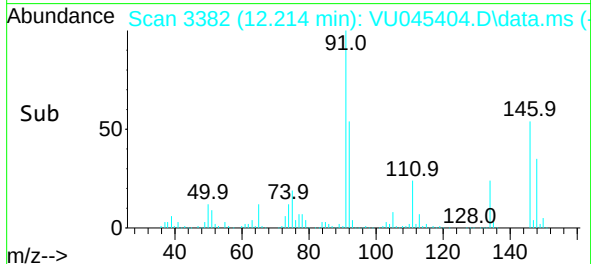
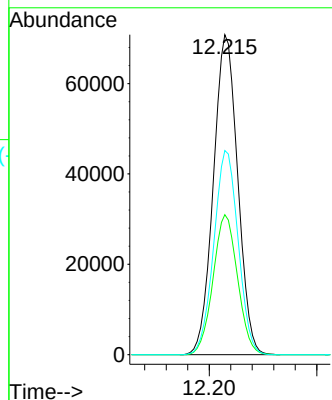
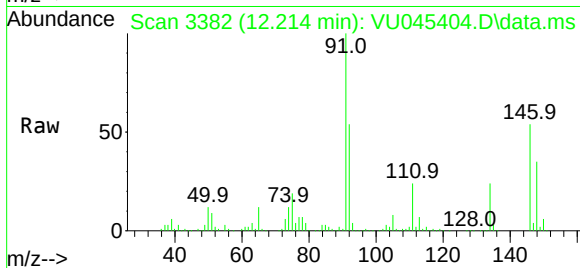
Tgt Ion:146 Resp: 111190

Ion Ratio Lower Upper

146 100

111 44.0 21.4 64.3

148 63.9 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.917 ug/l

RT: 12.999 min Scan# 3626

Delta R.T. 0.000 min

Lab File: VU045404.D

Acq: 26 Oct 2021 16:35

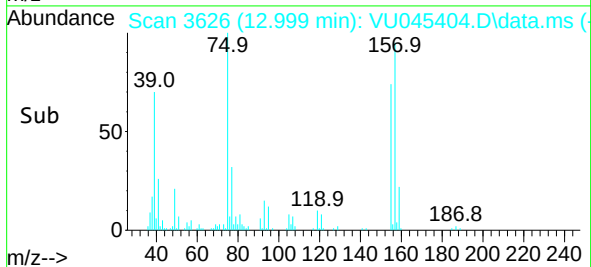
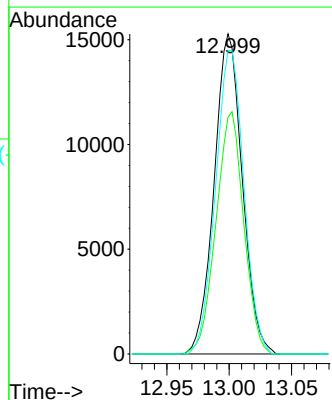
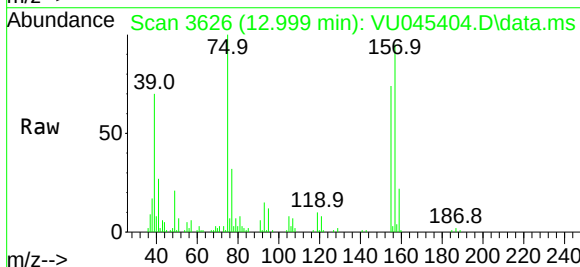
Tgt Ion: 75 Resp: 24036

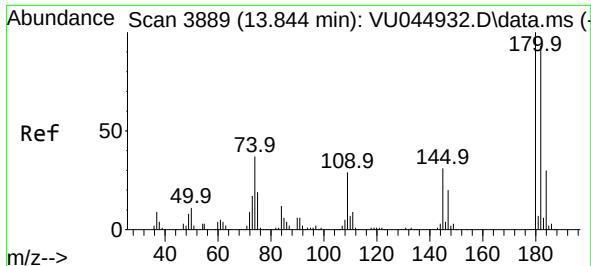
Ion Ratio Lower Upper

75 100

155 74.5 36.9 110.6

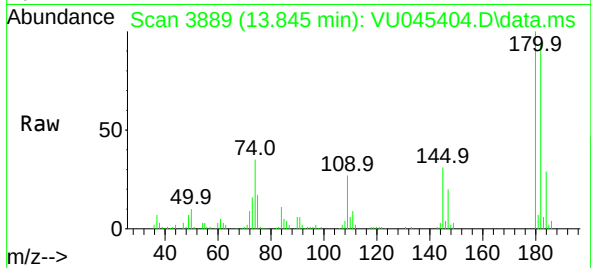
157 95.6 47.8 143.3



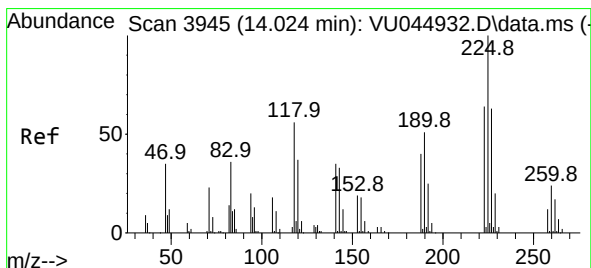
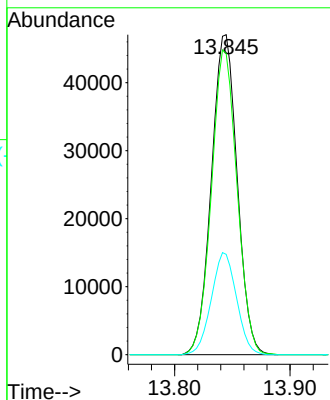
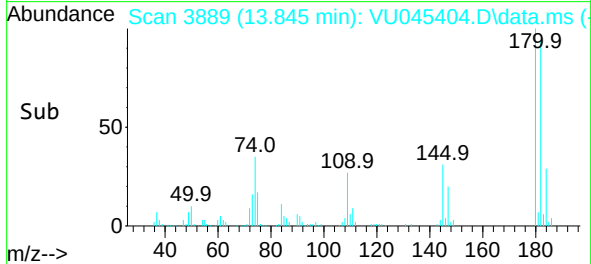


#93
 1,2,4-Trichlorobenzene
 Concen: 24.640 ug/l
 RT: 13.845 min Scan# 3889
 Delta R.T. 0.001 min
 Lab File: VU045404.D
 Acq: 26 Oct 2021 16:35

Instrument :
 MSVOA_U
 ClientSampleId :

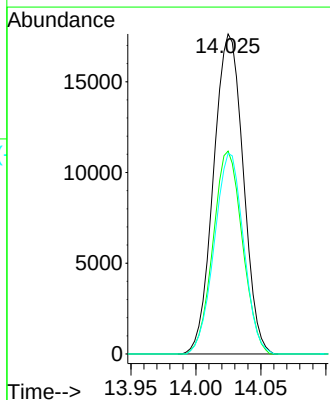
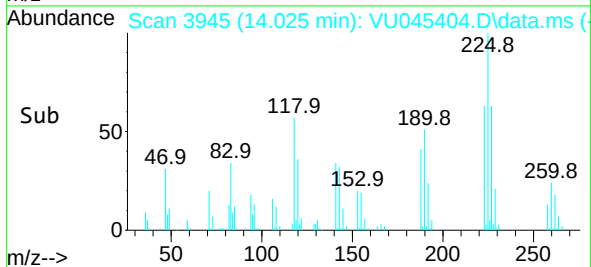
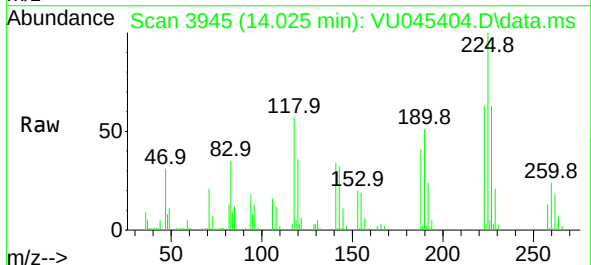


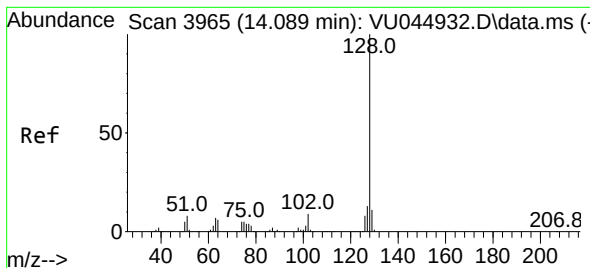
Tgt Ion:180 Resp: 73061
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.4 142.3
 145 31.2 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 22.644 ug/l
 RT: 14.025 min Scan# 3945
 Delta R.T. 0.001 min
 Lab File: VU045404.D
 Acq: 26 Oct 2021 16:35

Tgt Ion:225 Resp: 28028
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.1 93.3
 227 61.7 31.4 94.3





#95

Naphthalene

Concen: 25.340 ug/l

RT: 14.089 min Scan# 3965

Delta R.T. 0.000 min

Lab File: VU045404.D

Acq: 26 Oct 2021 16:35

Instrument :

MSVOA_U

ClientSampleId :

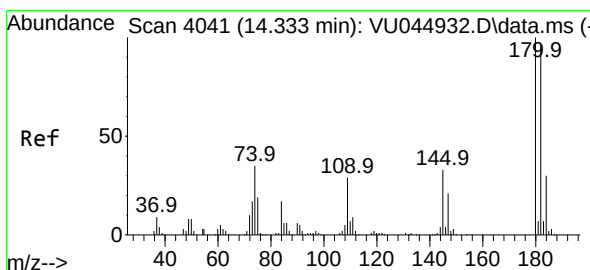
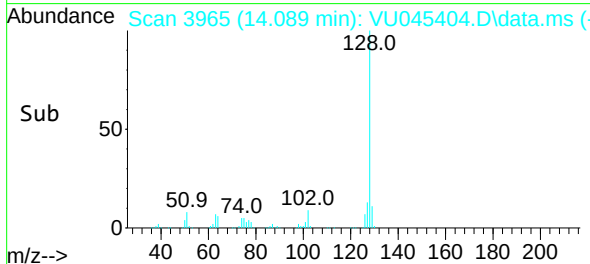
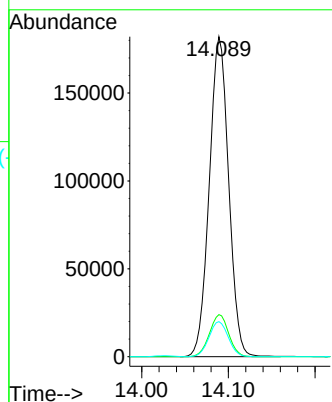
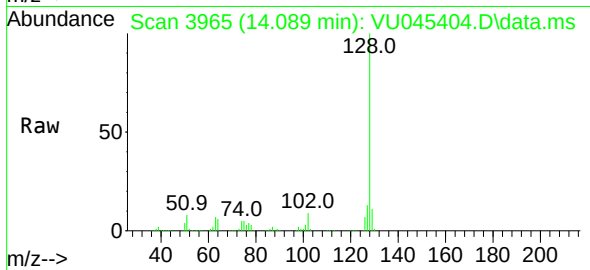
Tgt Ion:128 Resp: 282598

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 24.733 ug/l

RT: 14.333 min Scan# 4041

Delta R.T. 0.000 min

Lab File: VU045404.D

Acq: 26 Oct 2021 16:35

Tgt Ion:180 Resp: 73654

Ion Ratio Lower Upper

180 100

182 96.3 47.1 141.4

145 33.9 16.4 49.2

