

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102921\
 Data File : VU045449.D
 Acq On : 28 Oct 2021 20:26
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Quant Time: Oct 29 04:03:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 04:00:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.379	168	195833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	356466	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	338076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	166005	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	157493	48.188	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.380%
35) Dibromofluoromethane	5.295	113	113828	50.221	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.440%
50) Toluene-d8	7.903	98	455396	50.776	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.560%
62) 4-Bromofluorobenzene	10.636	95	169916	46.814	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	142556	57.755	ug/l	100
3) Chloromethane	1.520	50	191768	58.721	ug/l	100
4) Vinyl Chloride	1.604	62	168518	53.594	ug/l	100
5) Bromomethane	1.858	94	98346	71.480	ug/l	100
6) Chloroethane	1.935	64	97215	41.722	ug/l	100
7) Trichlorofluoromethane	2.141	101	190064	46.958	ug/l	100
8) Diethyl Ether	2.379	74	87811	47.200	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.584	101	114295	49.193	ug/l	100
10) Methyl Iodide	2.726	142	87023	37.882	ug/l	100
11) Tert butyl alcohol	3.211	59	182723	206.020	ug/l	100
12) 1,1-Dichloroethene	2.584	96	115416	50.278	ug/l	100
13) Acrolein	2.491	56	37272	188.789	ug/l	100
14) Allyl chloride	2.928	41	215396	50.615	ug/l	100
15) Acrylonitrile	3.321	53	432251	234.441	ug/l	100
16) Acetone	2.639	43	364701	198.078	ug/l	100
17) Carbon Disulfide	2.797	76	332990	49.049	ug/l	100
18) Methyl Acetate	2.954	43	275683	49.359	ug/l	100
19) Methyl tert-butyl Ether	3.369	73	428814	48.731	ug/l	100
20) Methylene Chloride	3.051	84	139280	48.304	ug/l	100
21) trans-1,2-Dichloroethene	3.356	96	123562	49.219	ug/l	100
22) Diisopropyl ether	3.996	45	430224	49.719	ug/l	100
23) Vinyl Acetate	3.961	43	1662661	238.940	ug/l	100
24) 1,1-Dichloroethane	3.874	63	244476	49.173	ug/l	100
25) 2-Butanone	4.710	43	576646	218.353	ug/l	100
26) 2,2-Dichloropropane	4.671	77	187997	45.476	ug/l	100
27) cis-1,2-Dichloroethene	4.671	96	145975	49.304	ug/l	100
28) Bromochloromethane	4.980	49	115703	54.777	ug/l	100
29) Tetrahydrofuran	5.057	42	369366	232.078	ug/l	100
30) Chloroform	5.092	83	236793	47.621	ug/l	100
31) Cyclohexane	5.391	56	233930	47.800	ug/l	100
32) 1,1,1-Trichloroethane	5.321	97	195884	47.750	ug/l	100
36) 1,1-Dichloropropene	5.530	75	179916	49.090	ug/l	100
37) Ethyl Acetate	4.806	43	216210	45.145	ug/l	100
38) Carbon Tetrachloride	5.530	117	155638	49.238	ug/l	100
39) Methylcyclohexane	6.768	83	225411	50.038	ug/l	100
40) Benzene	5.777	78	536737	49.110	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	117937	47.767	ug/l	100
42) 1,2-Dichloroethane	5.800	62	196277	46.224	ug/l	100
43) Isopropyl Acetate	5.912	43	330997	45.944	ug/l	100
44) Trichloroethene	6.546	130	124659	48.444	ug/l	100
45) 1,2-Dichloropropane	6.796	63	141814	48.941	ug/l	100
46) Dibromomethane	6.922	93	94630	48.654	ug/l	100
47) Bromodichloromethane	7.108	83	186645	49.373	ug/l	100
48) Methyl methacrylate	6.964	41	157386	45.066	ug/l	100
49) 1,4-Dioxane	7.005	88	76177	930.886	ug/l #	100
51) 4-Methyl-2-Pentanone	7.793	43	1079763	210.006	ug/l	100
52) Toluene	7.973	92	332347	48.744	ug/l	100
53) t-1,3-Dichloropropene	8.214	75	210193	48.938	ug/l	100
54) cis-1,3-Dichloropropene	7.610	75	227835	50.465	ug/l	100
55) 1,1,2-Trichloroethane	8.404	97	132024	46.746	ug/l	100
56) Ethyl methacrylate	8.337	69	226052	46.480	ug/l	100
57) 1,3-Dichloropropane	8.578	76	236989	46.956	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	608827	383.635	ug/l	100
59) 2-Hexanone	8.687	43	834397	201.675	ug/l	100
60) Dibromochloromethane	8.812	129	129537	48.560	ug/l	100
61) 1,2-Dibromoethane	8.928	107	140080	46.832	ug/l	100
64) Tetrachloroethene	8.555	164	100352	46.537	ug/l	100
65) Chlorobenzene	9.449	112	331957	47.755	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.539	131	114077	47.320	ug/l	100
67) Ethyl Benzene	9.575	91	625096	48.937	ug/l	100
68) m/p-Xylenes	9.697	106	478504	96.525	ug/l	100
69) o-Xylene	10.102	106	233713	47.676	ug/l	100
70) Styrene	10.118	104	395373	48.259	ug/l	100
71) Bromoform	10.295	173	93294	46.195	ug/l #	100
73) Isopropylbenzene	10.488	105	601867	49.204	ug/l	100
74) N-amyl acetate	10.320	43	284976	47.033	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.787	83	231199	44.584	ug/l	100
76) 1,2,3-Trichloropropane	10.828	75	270122	56.739	ug/l	92
77) Bromobenzene	10.783	156	138669	47.258	ug/l	100
78) n-propylbenzene	10.909	91	740679	49.811	ug/l	100
79) 2-Chlorotoluene	10.989	91	437141	47.067	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	518395	48.734	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	76957	45.774	ug/l	100
82) 4-Chlorotoluene	11.099	91	503334	48.029	ug/l	100
83) tert-Butylbenzene	11.423	119	488832	47.409	ug/l	100
84) 1,2,4-Trimethylbenzene	11.472	105	517409	49.246	ug/l	100
85) sec-Butylbenzene	11.648	105	651813	48.969	ug/l	100
86) p-Isopropyltoluene	11.796	119	535494	50.039	ug/l	100
87) 1,3-Dichlorobenzene	11.748	146	264897	47.309	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	267783	46.679	ug/l	100
89) n-Butylbenzene	12.211	91	516964	52.058	ug/l	100
90) Hexachloroethane	12.478	117	91686	47.509	ug/l	100
91) 1,2-Dichlorobenzene	12.214	146	265961	46.554	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.999	75	56955	46.378	ug/l	100
93) 1,2,4-Trichlorobenzene	13.844	180	181705	55.328	ug/l	100
94) Hexachlorobutadiene	14.024	225	67795	50.287	ug/l	100
95) Naphthalene	14.089	128	692274	55.801	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	185382	55.943	ug/l	100

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ClientSampleId :
VSTDICCC050

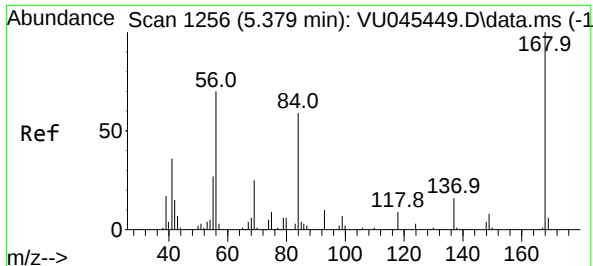
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 29 04:00:46 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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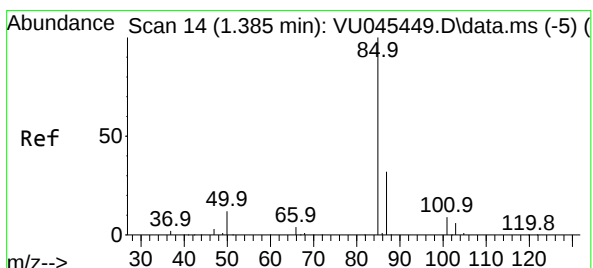
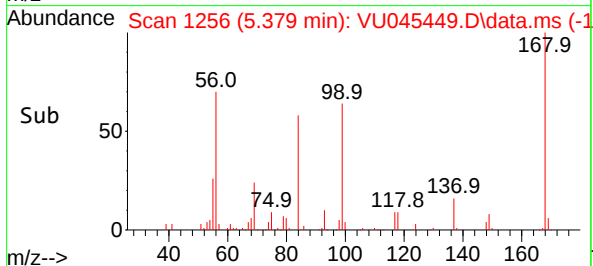
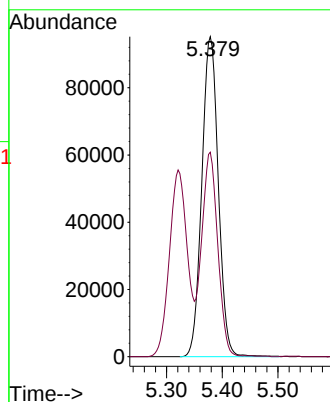
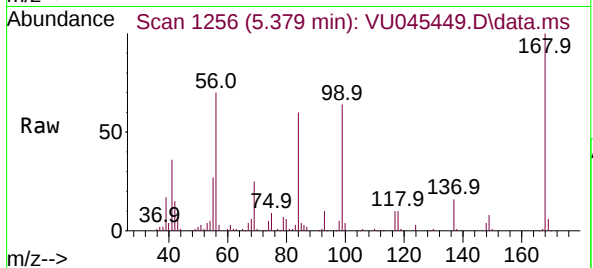




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

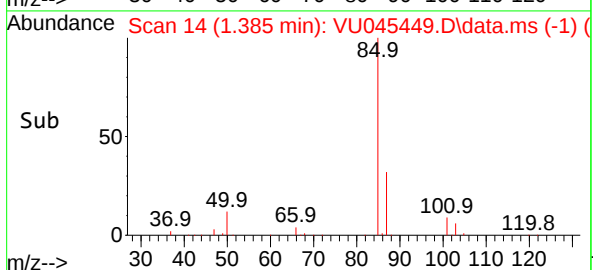
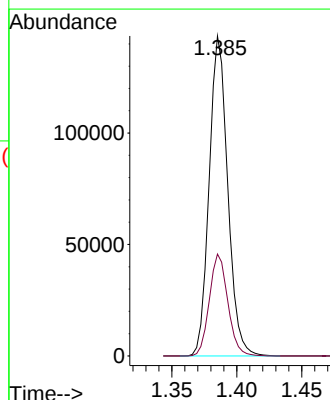
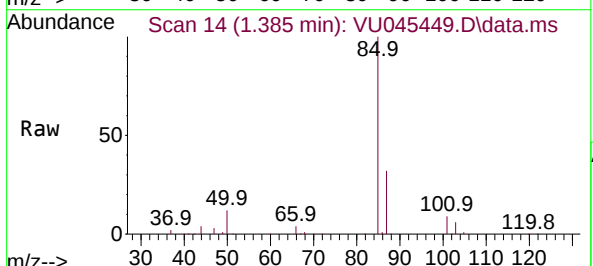
Instrument :
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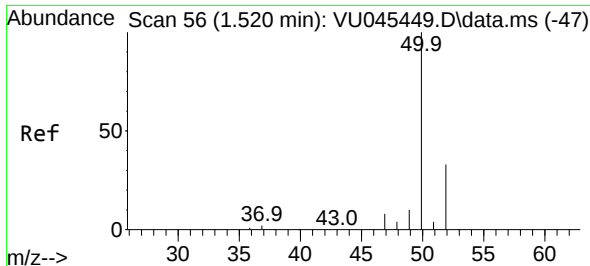
Tgt Ion:168 Resp: 195833
Ion Ratio Lower Upper
168 100
99 63.8 51.0 76.6



#2
Dichlorodifluoromethane
Concen: 57.755 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

Tgt Ion: 85 Resp: 142556
Ion Ratio Lower Upper
85 100
87 31.8 15.9 47.7

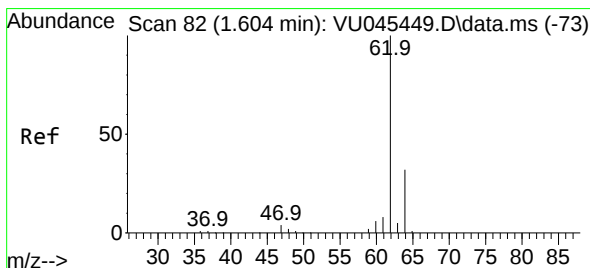
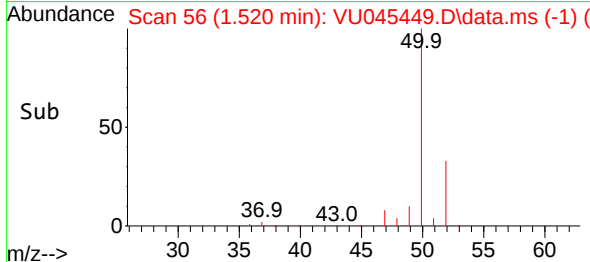
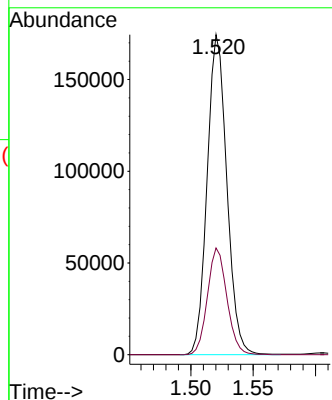
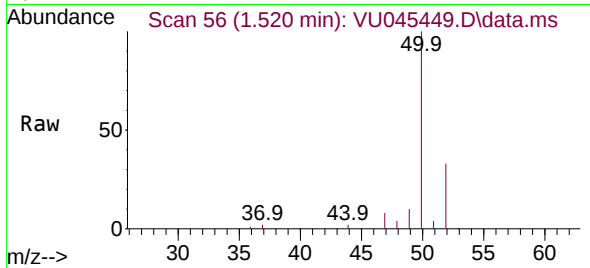




#3
Chloromethane
Concen: 58.721 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

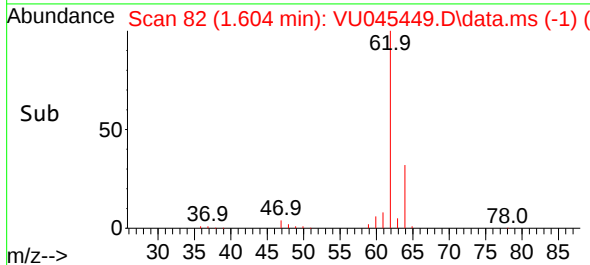
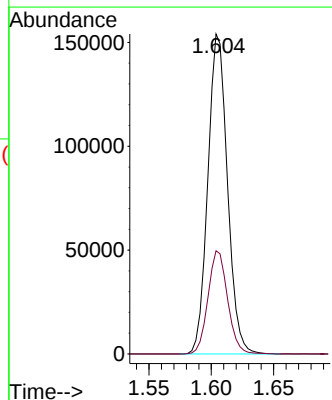
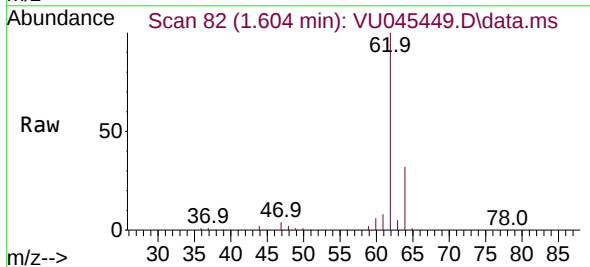
Instrument :
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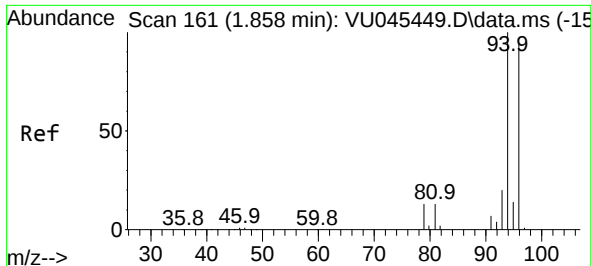
Tgt Ion: 50 Resp: 191768
Ion Ratio Lower Upper
50 100
52 33.3 26.6 40.0



#4
Vinyl Chloride
Concen: 53.594 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

Tgt Ion: 62 Resp: 168518
Ion Ratio Lower Upper
62 100
64 32.2 25.8 38.6





#5

Bromomethane

Concen: 71.480 ug/l

RT: 1.858 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045449.D

Acq: 28 Oct 2021 20:26

Instrument :

MSVOA_U

ClientSampleId :

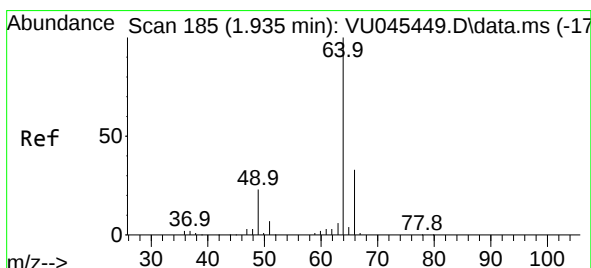
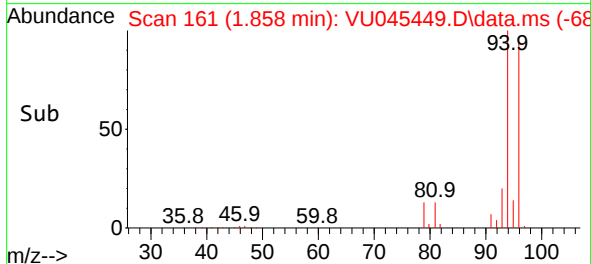
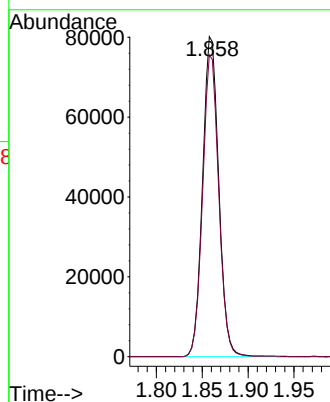
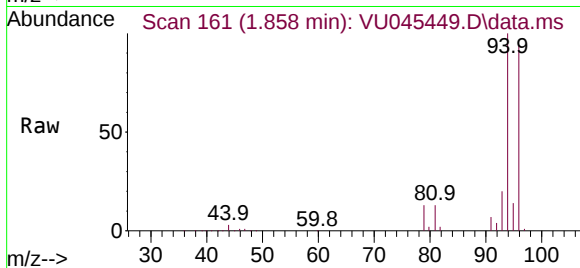
VSTDICCC050

Tgt Ion: 94 Resp: 98346

Ion Ratio Lower Upper

94 100

96 94.3 75.4 113.2



#6

Chloroethane

Concen: 41.722 ug/l

RT: 1.935 min Scan# 185

Delta R.T. 0.000 min

Lab File: VU045449.D

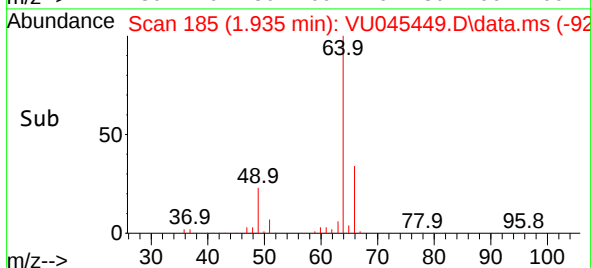
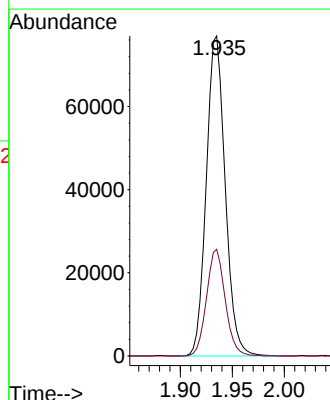
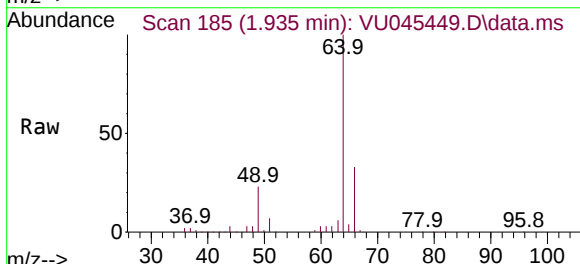
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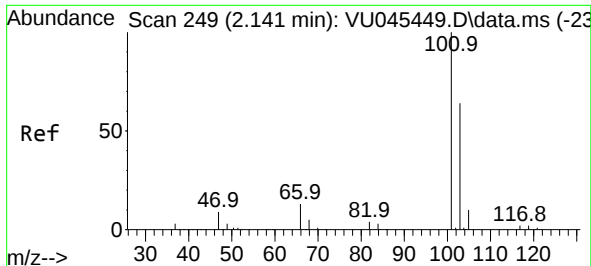
Tgt Ion: 64 Resp: 97215

Ion Ratio Lower Upper

64 100

66 33.4 26.7 40.1

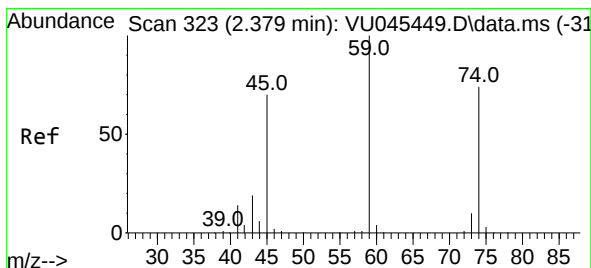
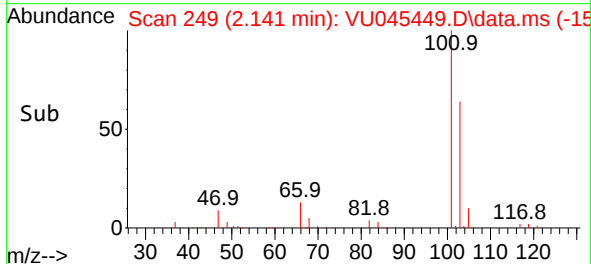
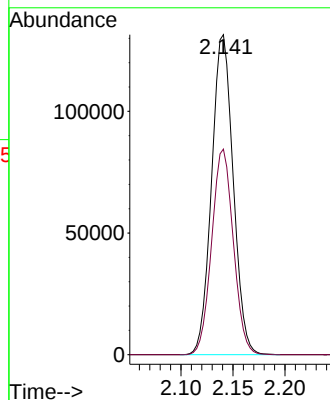
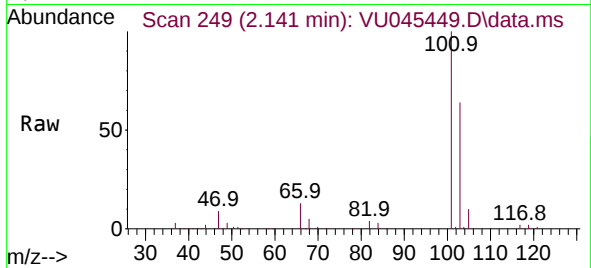




#7
 Trichlorofluoromethane
 Concen: 46.958 ug/l
 RT: 2.141 min Scan# 249
 Delta R.T. 0.000 min
 Lab File: VU045449.D
 Acq: 28 Oct 2021 20:26

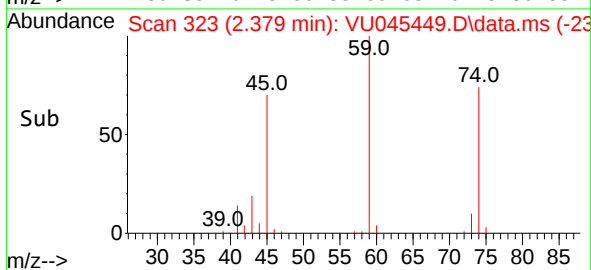
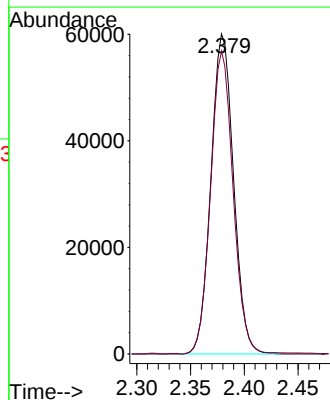
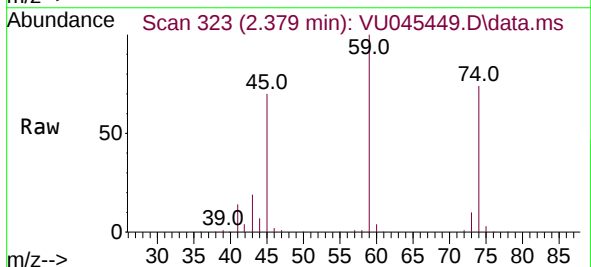
Instrument :
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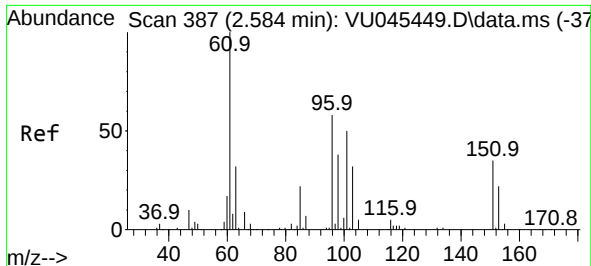
Tgt Ion:101 Resp: 190064
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.4 77.0



#8
 Diethyl Ether
 Concen: 47.200 ug/l
 RT: 2.379 min Scan# 323
 Delta R.T. 0.000 min
 Lab File: VU045449.D
 Acq: 28 Oct 2021 20:26

Tgt Ion: 74 Resp: 87811
 Ion Ratio Lower Upper
 74 100
 45 94.5 47.3 141.8

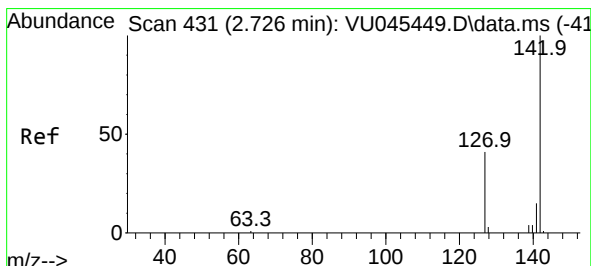
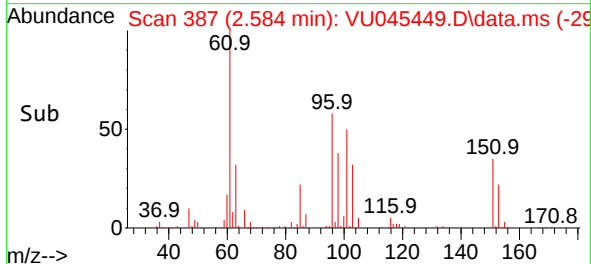
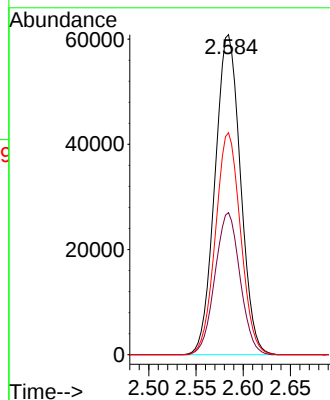
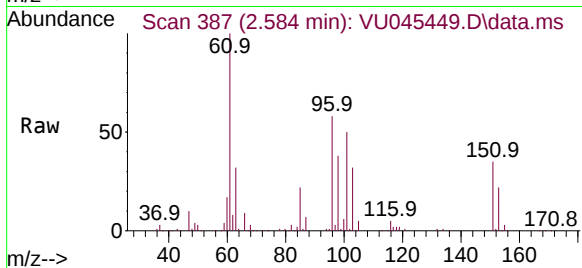




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.193 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU045449.D
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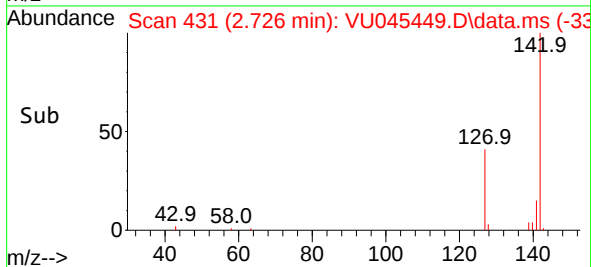
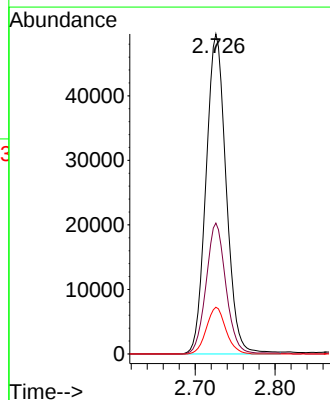
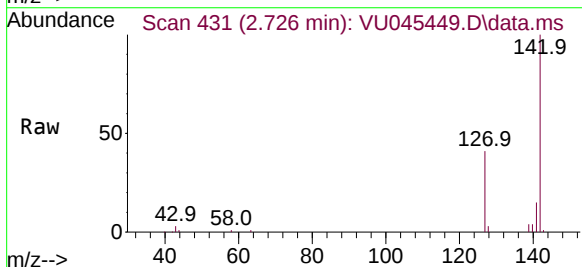
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

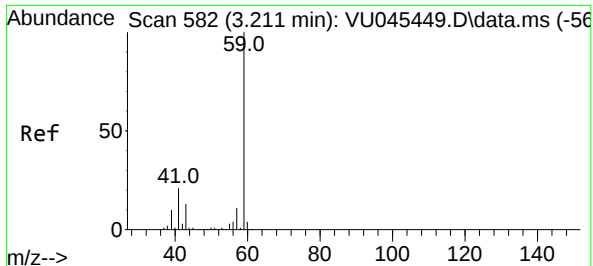
Tgt Ion:101 Resp: 114295
Ion Ratio Lower Upper
101 100
85 43.7 35.0 52.4
151 68.3 54.6 82.0



#10
Methyl Iodide
Concen: 37.882 ug/l
RT: 2.726 min Scan# 431
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

Tgt Ion:142 Resp: 87023
Ion Ratio Lower Upper
142 100
127 40.2 32.2 48.2
141 14.1 11.3 16.9





#11

Tert butyl alcohol

Concen: 206.020 ug/l

RT: 3.211 min Scan# 582

Delta R.T. 0.000 min

Lab File: VU045449.D

Acq: 28 Oct 2021 20:26

Instrument :

MSVOA_U

ClientSampleId :

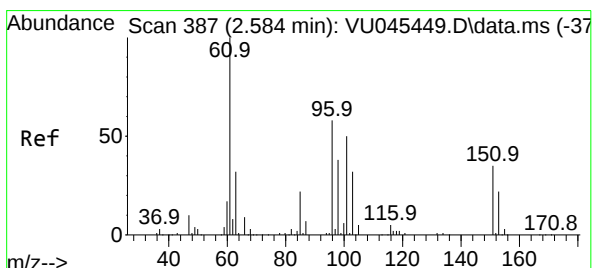
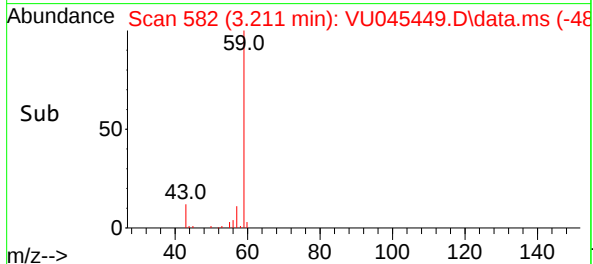
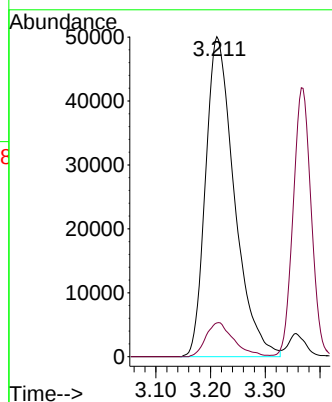
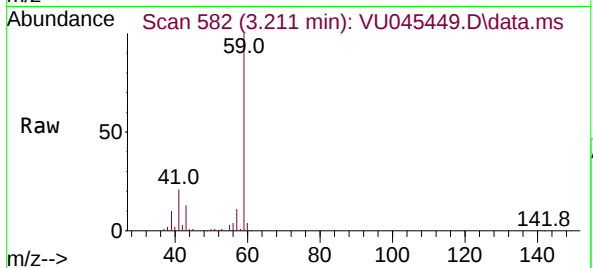
VSTDICCC050

Tgt Ion: 59 Resp: 182723

Ion Ratio Lower Upper

59 100

57 10.4 8.3 12.5



#12

1,1-Dichloroethene

Concen: 50.278 ug/l

RT: 2.584 min Scan# 387

Delta R.T. 0.000 min

Lab File: VU045449.D

Acq: 28 Oct 2021 20:26

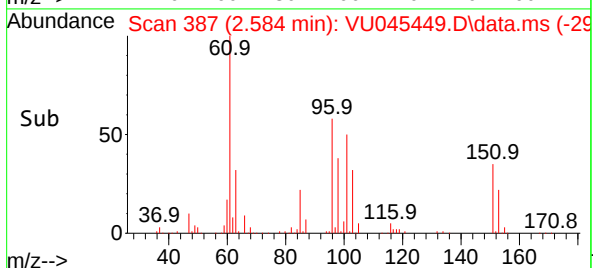
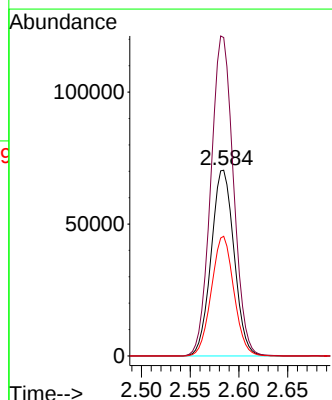
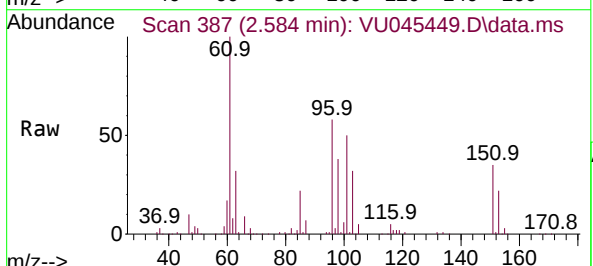
Tgt Ion: 96 Resp: 115416

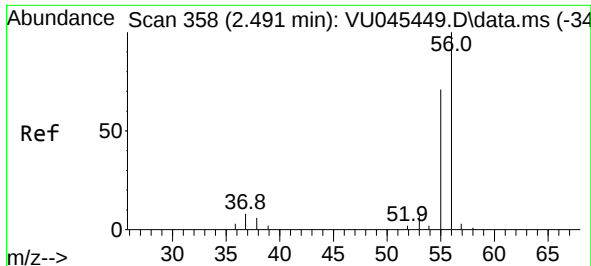
Ion Ratio Lower Upper

96 100

61 171.4 137.1 205.7

98 64.4 51.5 77.3





#13

Acrolein

Concen: 188.789 ug/l

RT: 2.491 min Scan# 358

Delta R.T. 0.000 min

Lab File: VU045449.D

Acq: 28 Oct 2021 20:26

Instrument :

MSVOA_U

ClientSampleId :

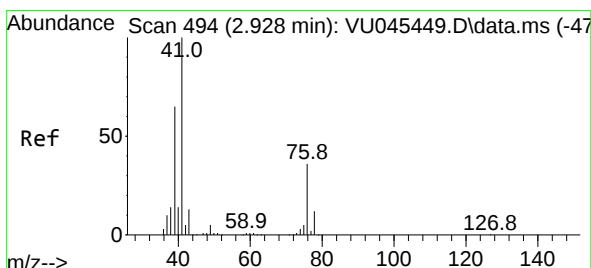
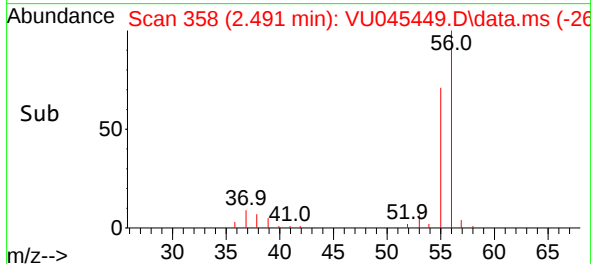
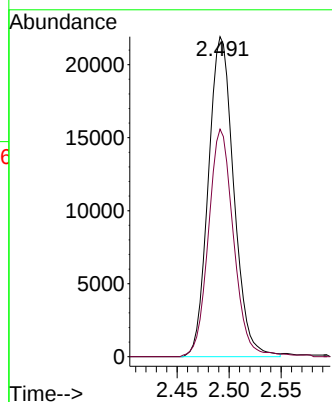
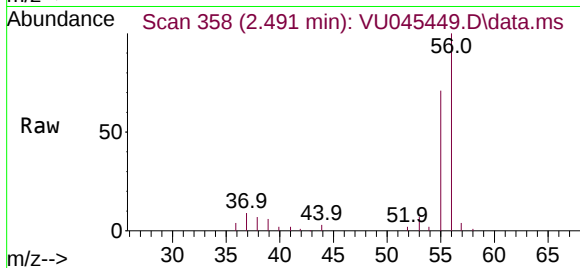
VSTDICCC050

Tgt Ion: 56 Resp: 37272

Ion Ratio Lower Upper

56 100

55 70.4 56.3 84.5



#14

Allyl chloride

Concen: 50.615 ug/l

RT: 2.928 min Scan# 494

Delta R.T. 0.000 min

Lab File: VU045449.D

Acq: 28 Oct 2021 20:26

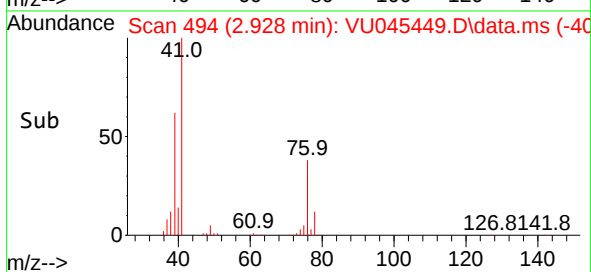
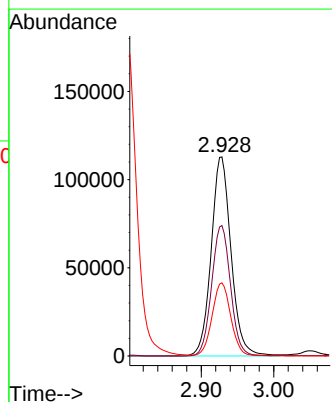
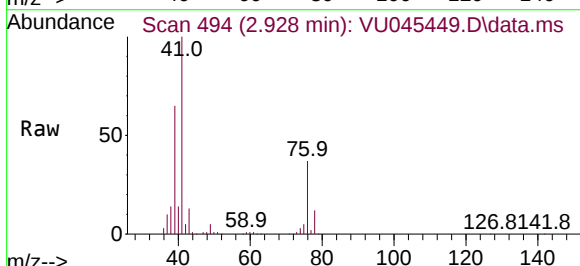
Tgt Ion: 41 Resp: 215396

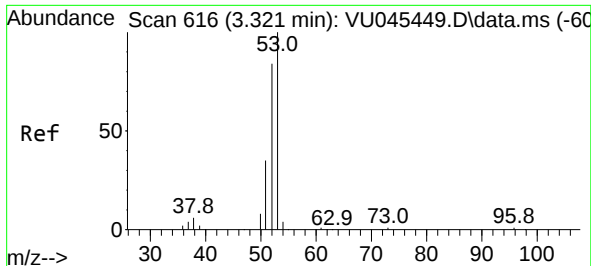
Ion Ratio Lower Upper

41 100

39 62.1 49.7 74.5

76 34.6 27.7 41.5

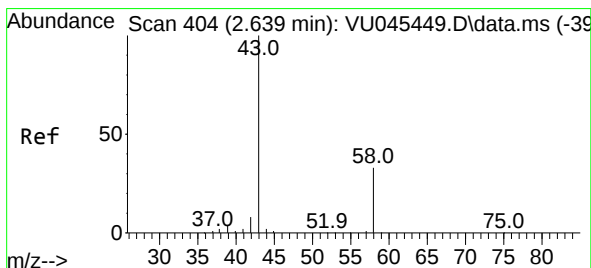
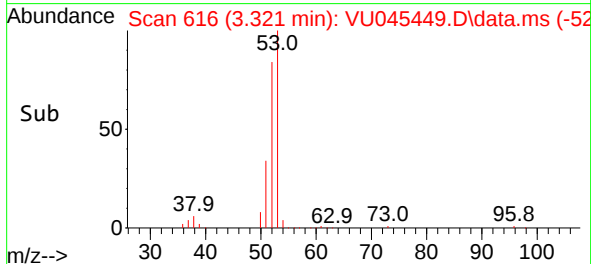
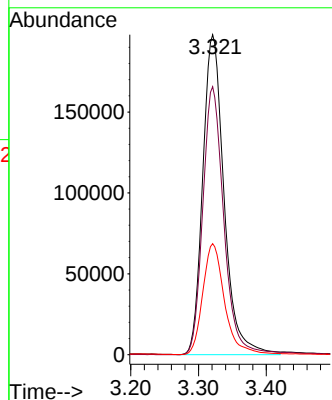
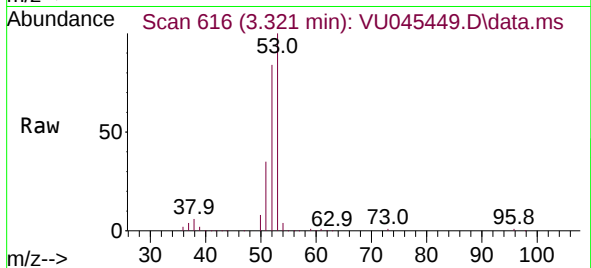




#15
Acrylonitrile
Concen: 234.441 ug/l
RT: 3.321 min Scan# 616
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

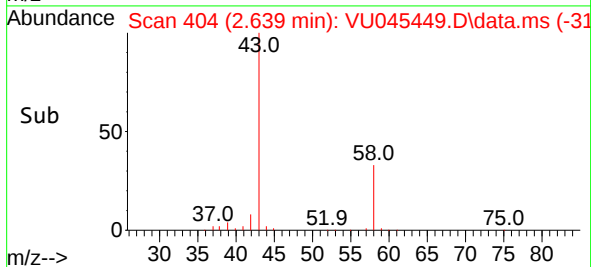
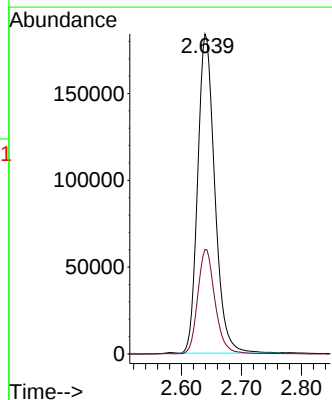
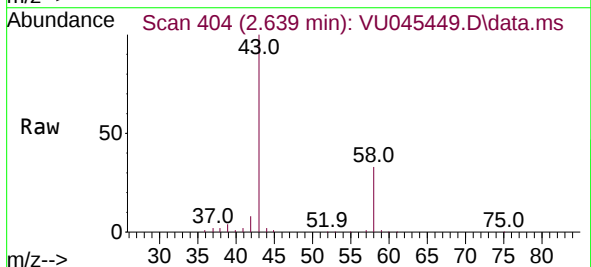
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

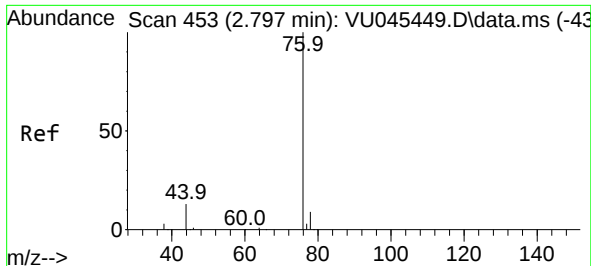
Tgt Ion: 53 Resp: 432251
Ion Ratio Lower Upper
53 100
52 83.3 66.6 100.0
51 35.5 28.4 42.6



#16
Acetone
Concen: 198.078 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

Tgt Ion: 43 Resp: 364701
Ion Ratio Lower Upper
43 100
58 32.7 26.2 39.2

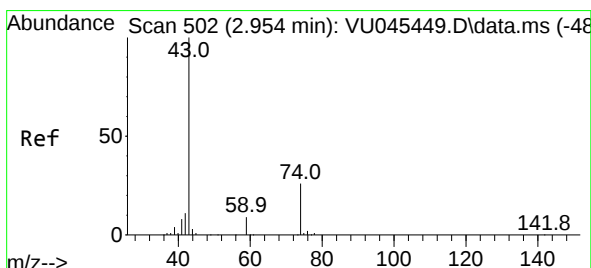
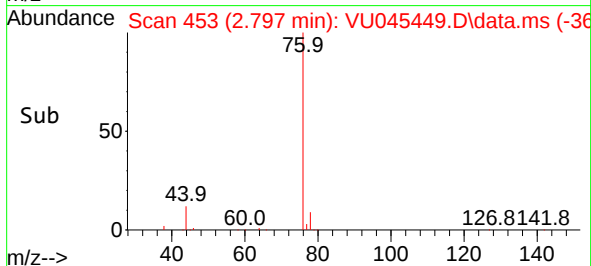
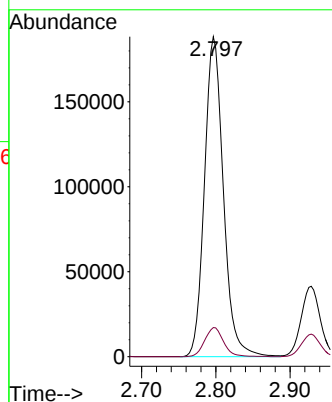
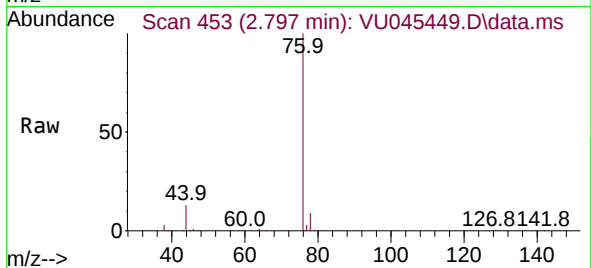




#17
Carbon Disulfide
Concen: 49.049 ug/l
RT: 2.797 min Scan# 453
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

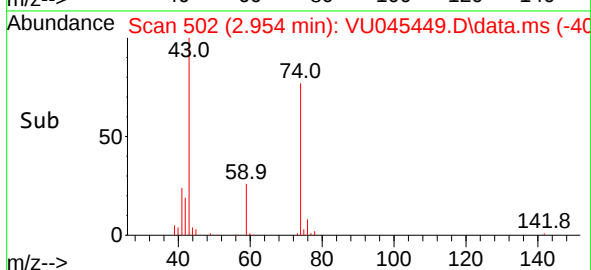
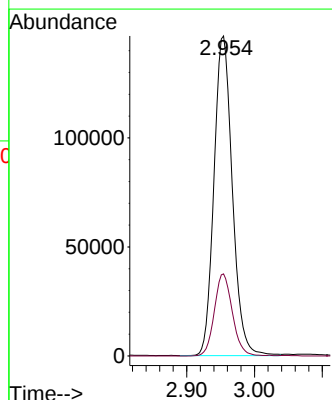
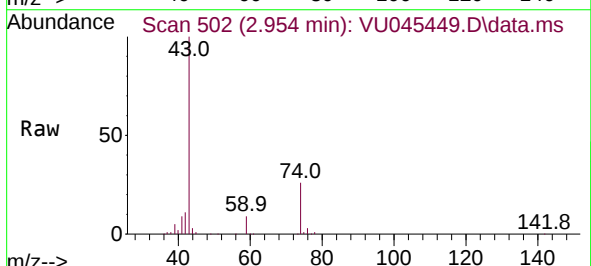
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

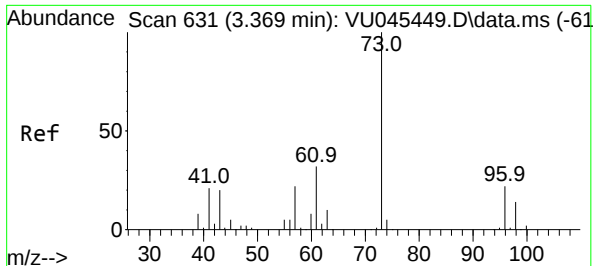
Tgt Ion: 76 Resp: 332990
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 49.359 ug/l
RT: 2.954 min Scan# 502
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

Tgt Ion: 43 Resp: 275683
Ion Ratio Lower Upper
43 100
74 25.2 20.2 30.2





#19

Methyl tert-butyl Ether

Concen: 48.731 ug/l

RT: 3.369 min Scan# 631

Delta R.T. 0.000 min

Lab File: VU045449.D

Acq: 28 Oct 2021 20:26

Instrument :

MSVOA_U

ClientSampleId :

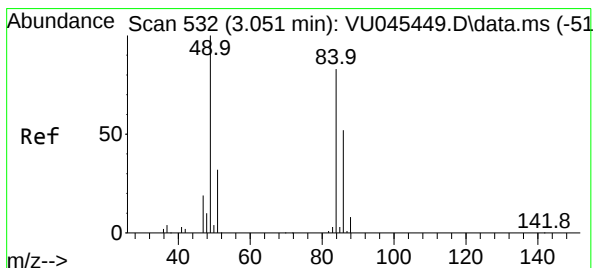
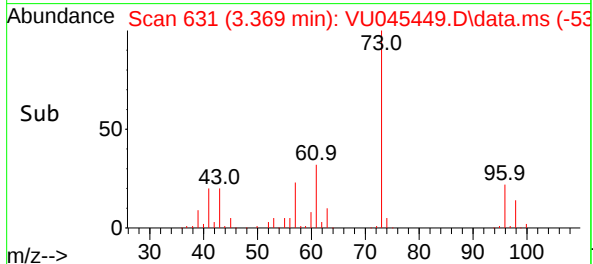
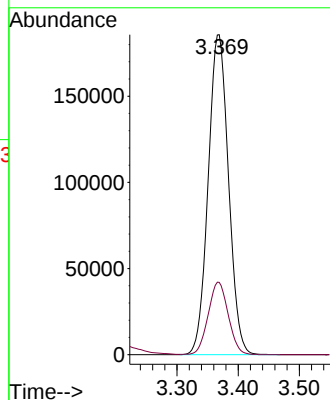
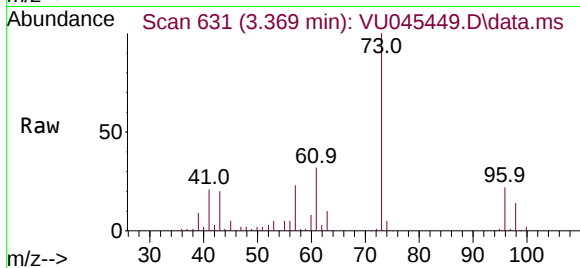
VSTDICCC050

Tgt Ion: 73 Resp: 428814

Ion Ratio Lower Upper

73 100

57 22.6 18.1 27.1



#20

Methylene Chloride

Concen: 48.304 ug/l

RT: 3.051 min Scan# 532

Delta R.T. 0.000 min

Lab File: VU045449.D

Acq: 28 Oct 2021 20:26

Tgt Ion: 84 Resp: 139280

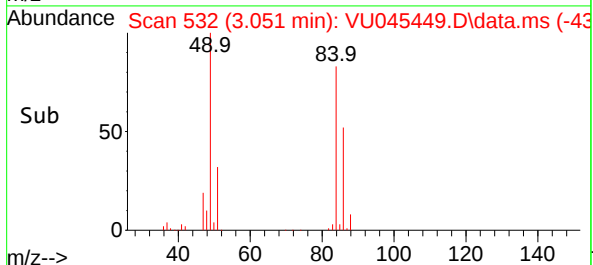
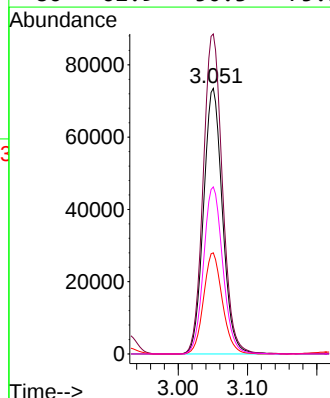
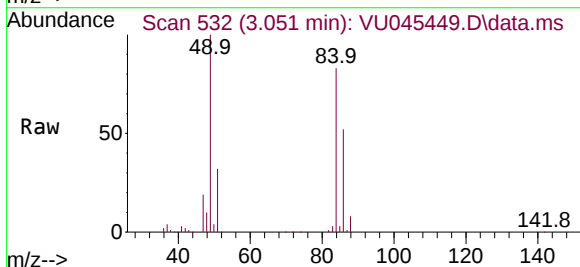
Ion Ratio Lower Upper

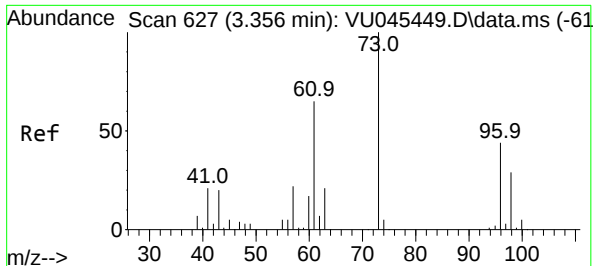
84 100

49 120.5 96.4 144.6

51 38.1 30.5 45.7

86 62.9 50.3 75.5

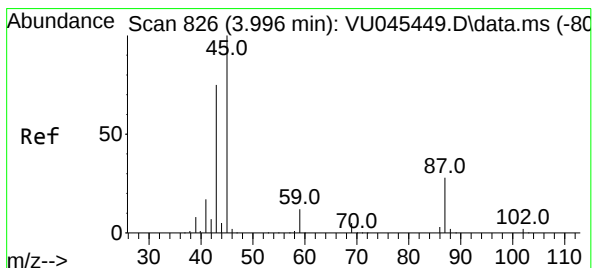
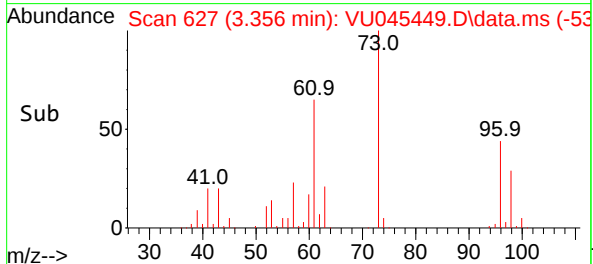
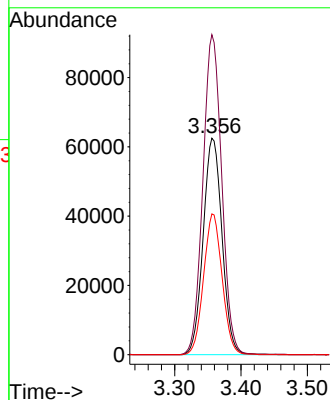
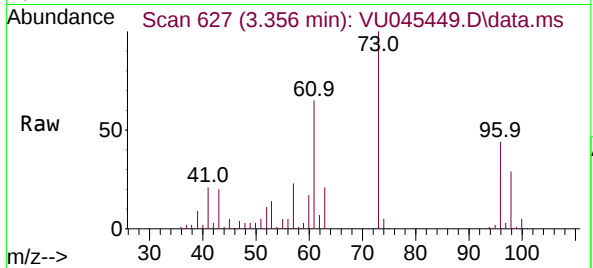




#21
trans-1,2-Dichloroethene
Concen: 49.219 ug/l
RT: 3.356 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

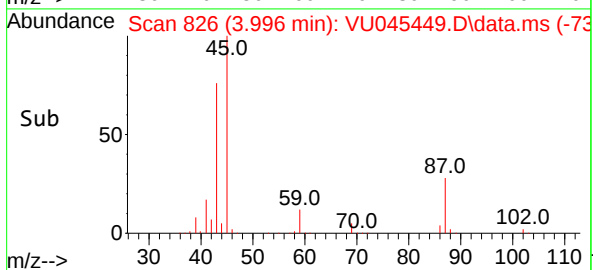
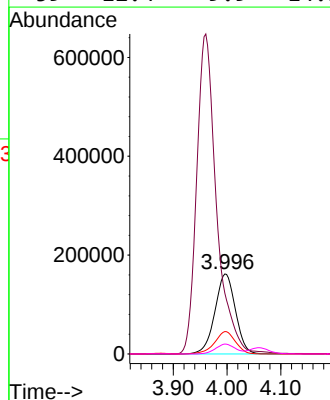
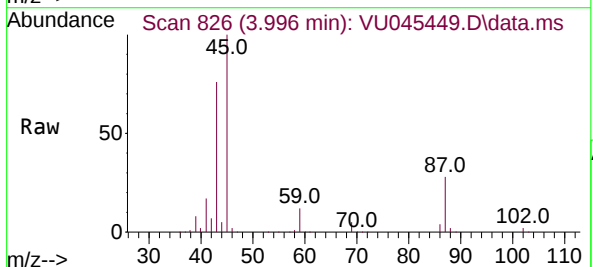
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

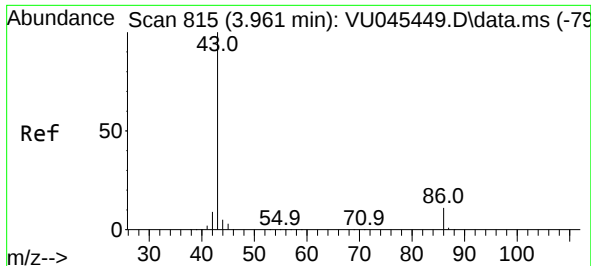
Tgt Ion: 96 Resp: 123562
Ion Ratio Lower Upper
96 100
61 147.8 118.2 177.4
98 65.1 52.1 78.1



#22
Diisopropyl ether
Concen: 49.719 ug/l
RT: 3.996 min Scan# 826
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

Tgt Ion: 45 Resp: 430224
Ion Ratio Lower Upper
45 100
43 75.0 60.0 90.0
87 27.9 22.3 33.5
59 12.4 9.9 14.9

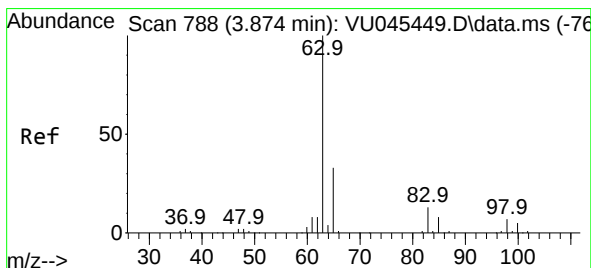
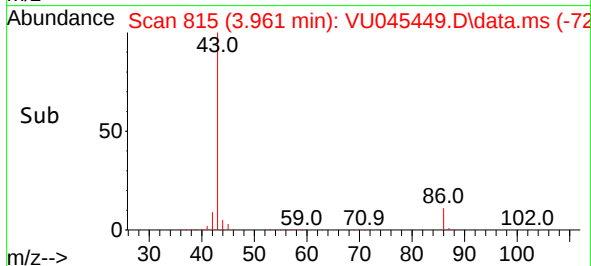
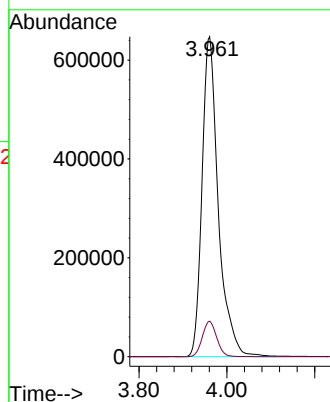
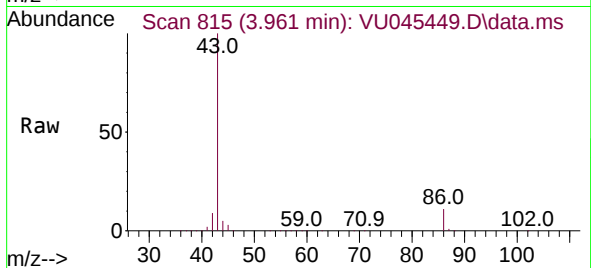




#23
 Vinyl Acetate
 Concen: 238.940 ug/l
 RT: 3.961 min Scan# 815
 Delta R.T. 0.000 min
 Lab File: VU045449.D
 Acq: 28 Oct 2021 20:26

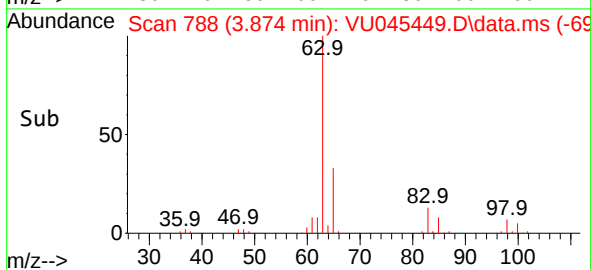
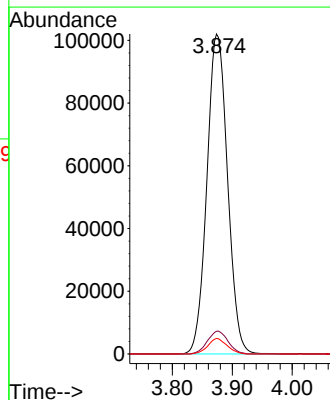
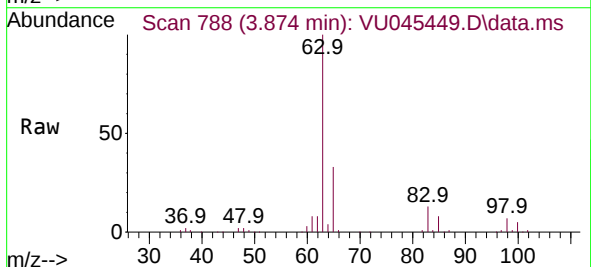
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

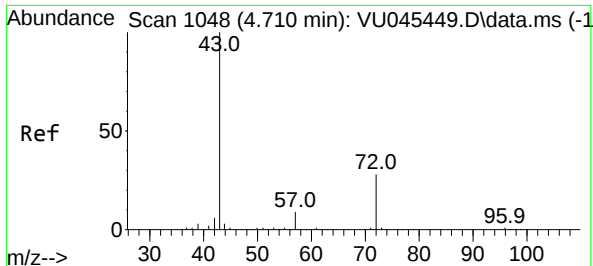
Tgt Ion: 43 Resp: 1662661
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 49.173 ug/l
 RT: 3.874 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VU045449.D
 Acq: 28 Oct 2021 20:26

Tgt Ion: 63 Resp: 244476
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.6
 100 4.8 2.4 7.2





#25

2-Butanone

Concen: 218.353 ug/l

RT: 4.710 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VU045449.D

Acq: 28 Oct 2021 20:26

Instrument :

MSVOA_U

ClientSampleId :

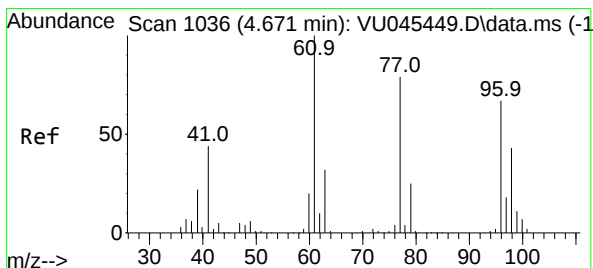
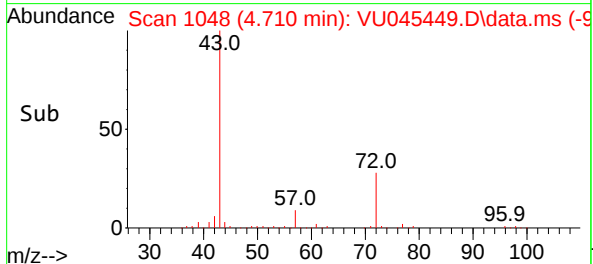
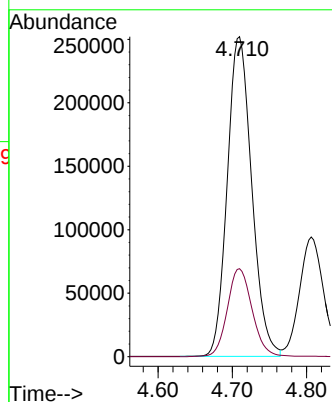
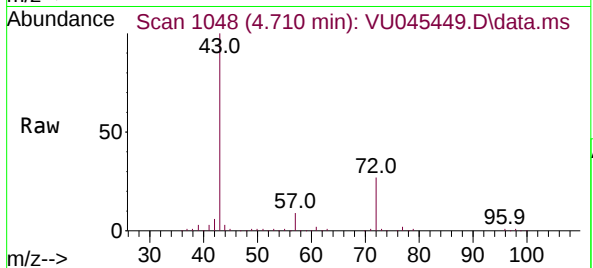
VSTDICCC050

Tgt Ion: 43 Resp: 576646

Ion Ratio Lower Upper

43 100

72 27.5 22.0 33.0



#26

2,2-Dichloropropane

Concen: 45.476 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU045449.D

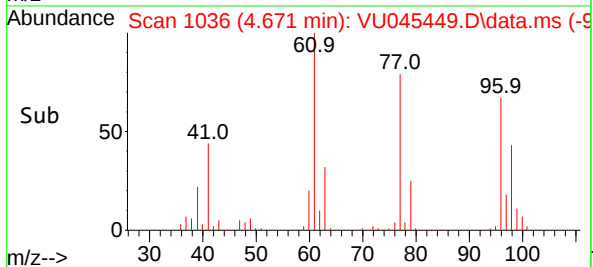
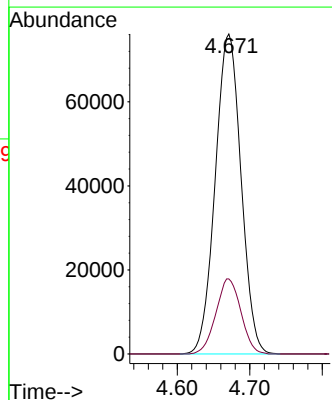
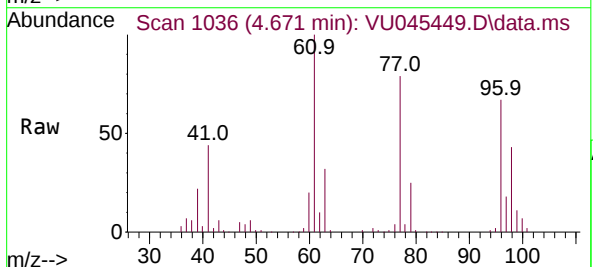
Acq: 28 Oct 2021 20:26

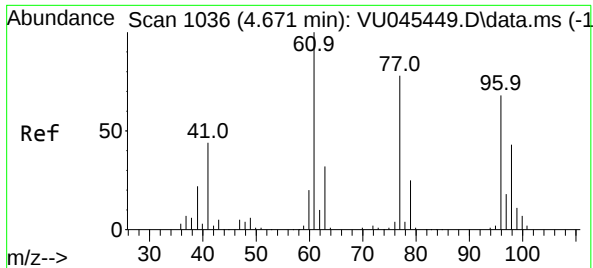
Tgt Ion: 77 Resp: 187997

Ion Ratio Lower Upper

77 100

97 22.7 11.4 34.1

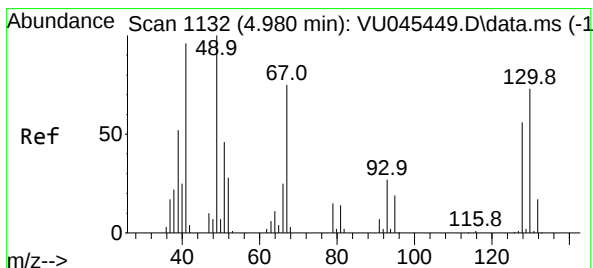
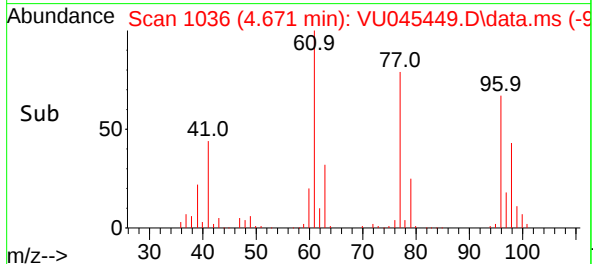
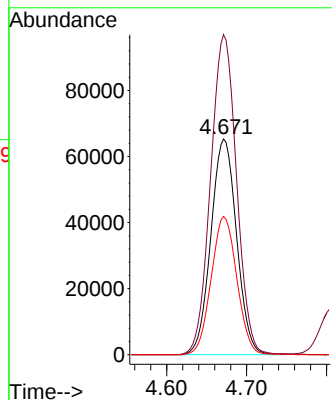
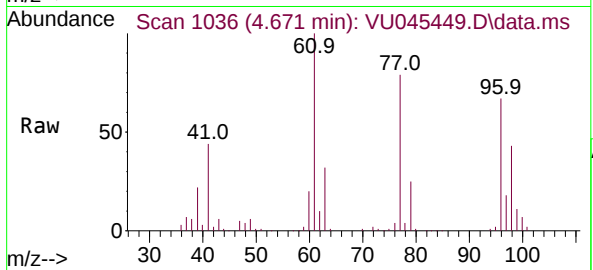




#27
 cis-1,2-Dichloroethene
 Concen: 49.304 ug/l
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU045449.D
 Acq: 28 Oct 2021 20:26

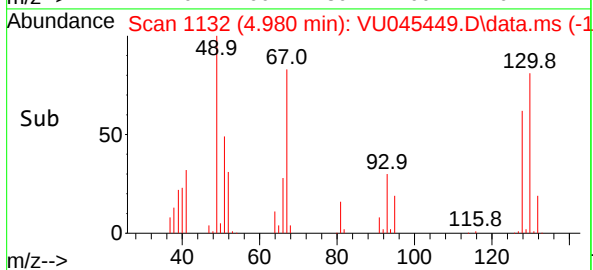
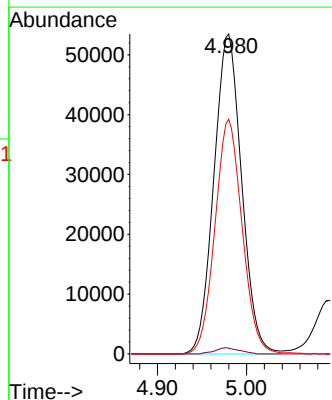
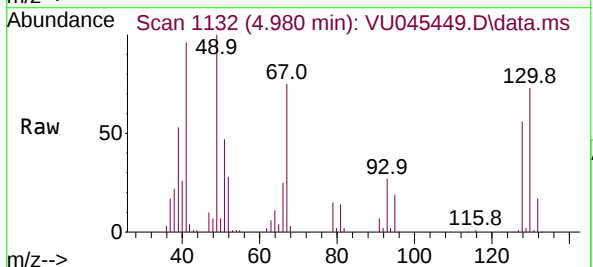
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

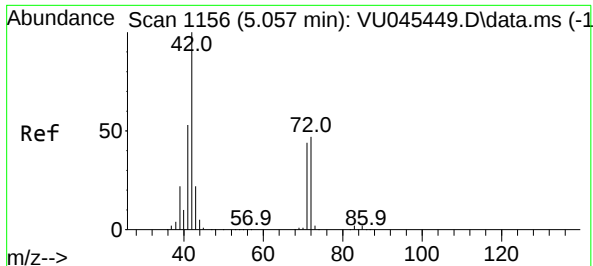
Tgt Ion: 96 Resp: 145975
 Ion Ratio Lower Upper
 96 100
 61 149.6 0.0 299.2
 98 63.8 0.0 127.6



#28
 Bromochloromethane
 Concen: 54.777 ug/l
 RT: 4.980 min Scan# 1132
 Delta R.T. 0.000 min
 Lab File: VU045449.D
 Acq: 28 Oct 2021 20:26

Tgt Ion: 49 Resp: 115703
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.4
 130 71.9 57.5 86.3





#29

Tetrahydrofuran

Concen: 232.078 ug/l

RT: 5.057 min Scan# 1156

Delta R.T. 0.000 min

Lab File: VU045449.D

Acq: 28 Oct 2021 20:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

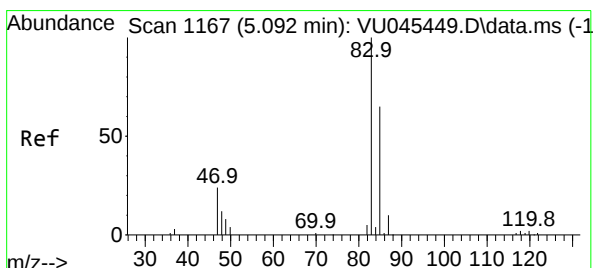
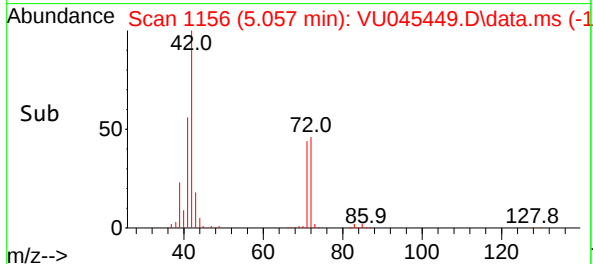
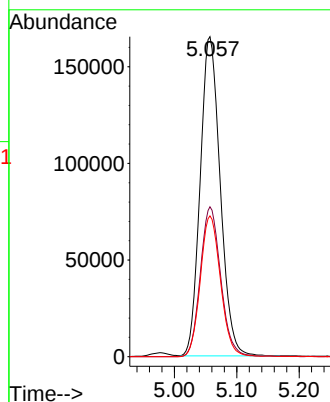
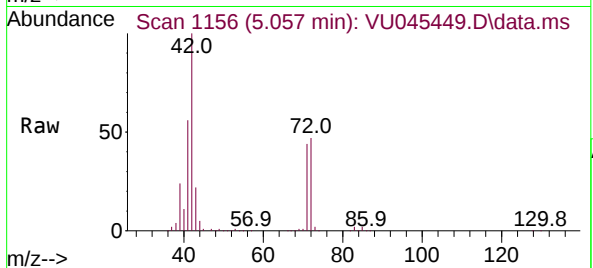
Tgt Ion: 42 Resp: 369366

Ion Ratio Lower Upper

42 100

72 47.8 38.2 57.4

71 44.3 35.4 53.2



#30

Chloroform

Concen: 47.621 ug/l

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU045449.D

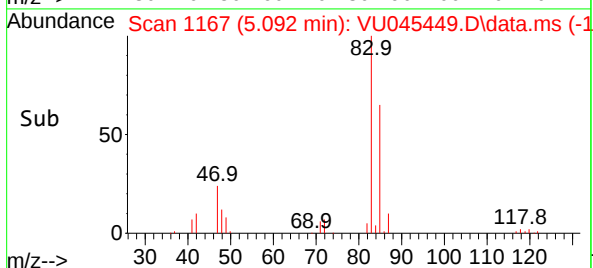
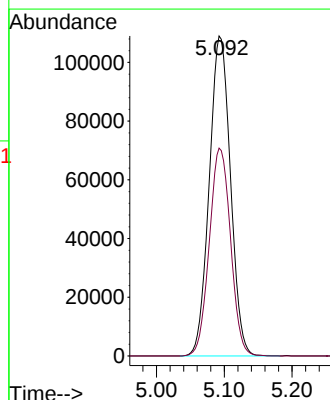
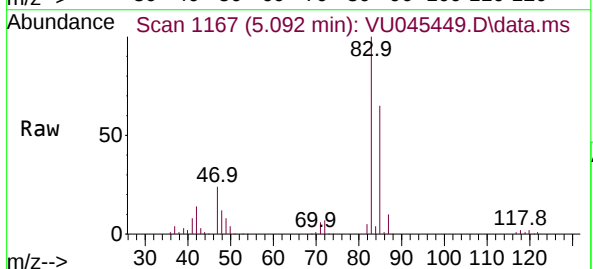
Acq: 28 Oct 2021 20:26

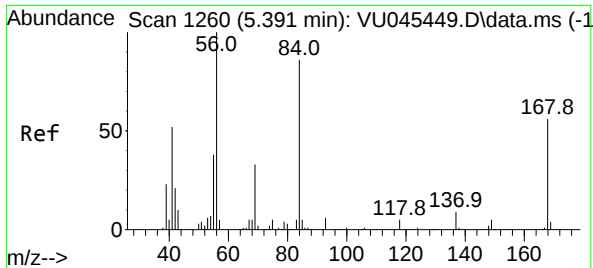
Tgt Ion: 83 Resp: 236793

Ion Ratio Lower Upper

83 100

85 65.0 52.0 78.0

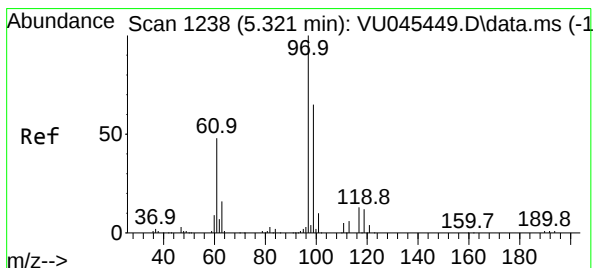
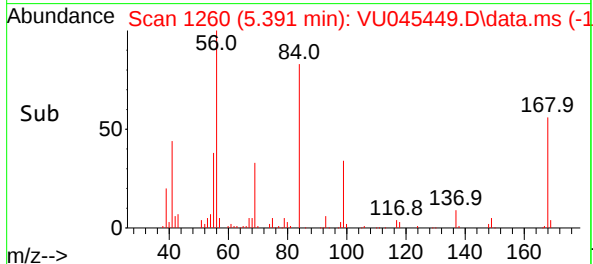
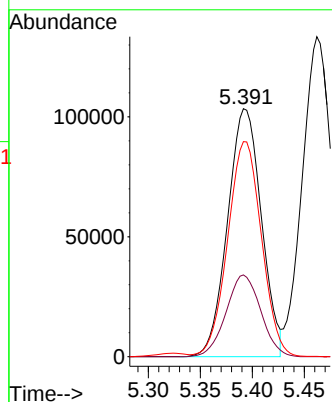
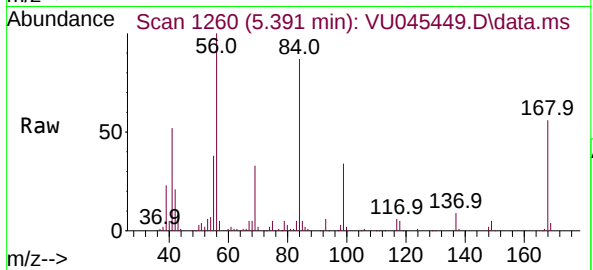




#31
Cyclohexane
Concen: 47.800 ug/l
RT: 5.391 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

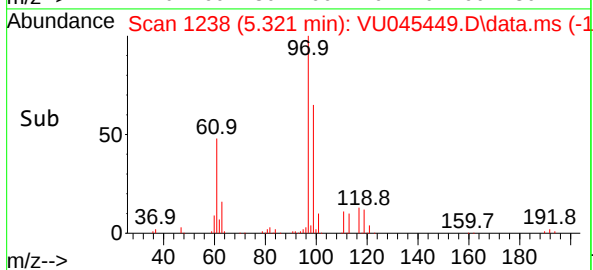
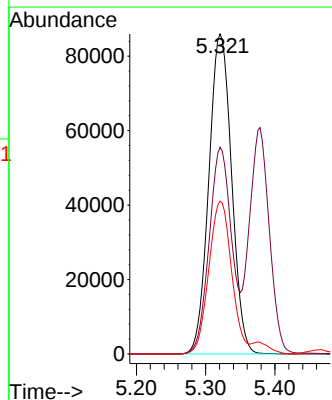
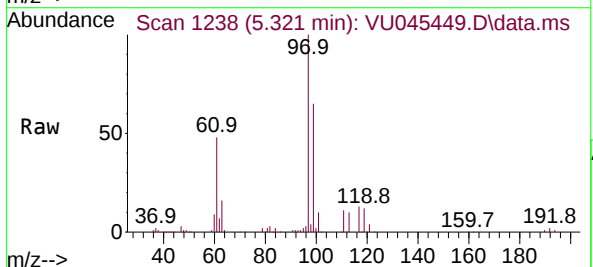
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

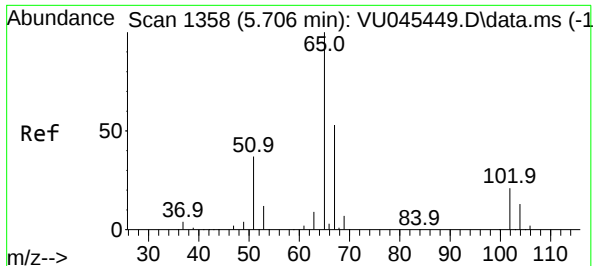
Tgt Ion: 56 Resp: 233930
Ion Ratio Lower Upper
56 100
69 33.0 26.4 39.6
84 85.5 68.4 102.6



#32
1,1,1-Trichloroethane
Concen: 47.750 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

Tgt Ion: 97 Resp: 195884
Ion Ratio Lower Upper
97 100
99 63.5 50.8 76.2
61 47.9 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 48.188 ug/l

RT: 5.706 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045449.D

Acq: 28 Oct 2021 20:26

Instrument :

MSVOA_U

ClientSampleId :

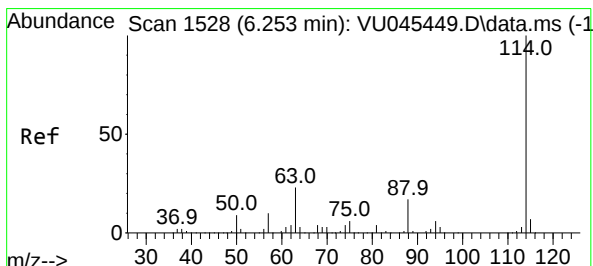
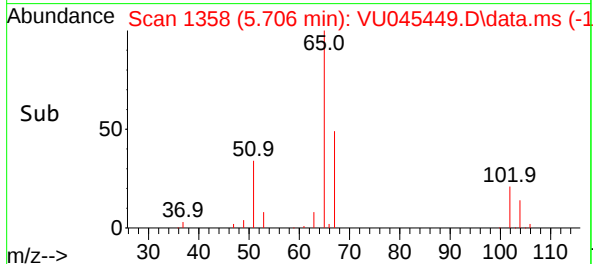
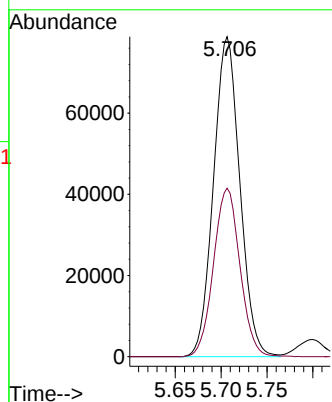
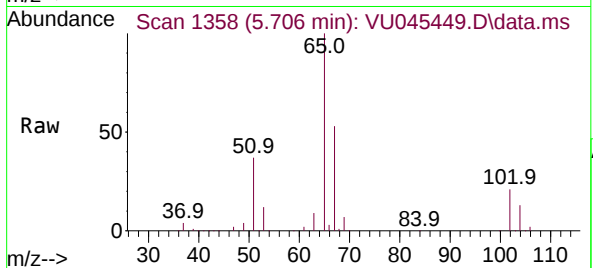
VSTDICCC050

Tgt Ion: 65 Resp: 157493

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU045449.D

Acq: 28 Oct 2021 20:26

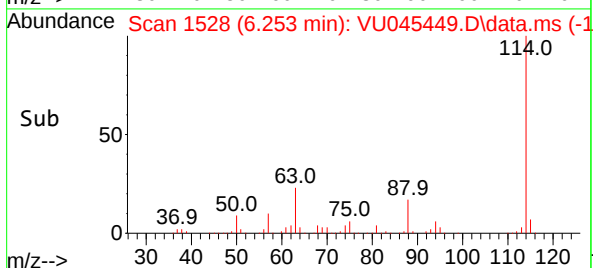
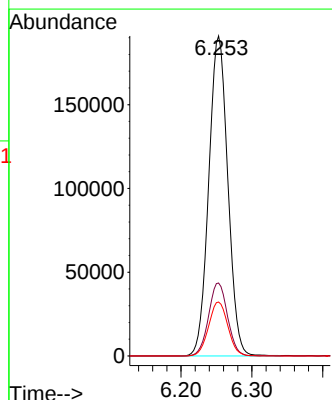
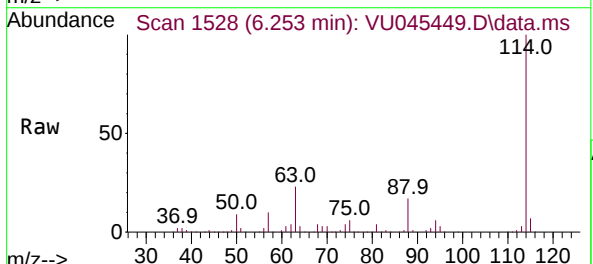
Tgt Ion: 114 Resp: 356466

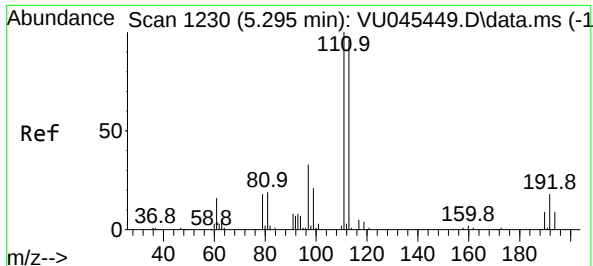
Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.6

88 16.9 0.0 33.8

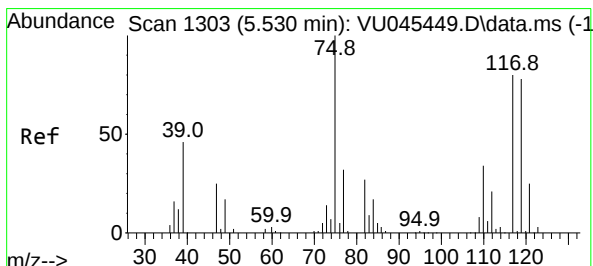
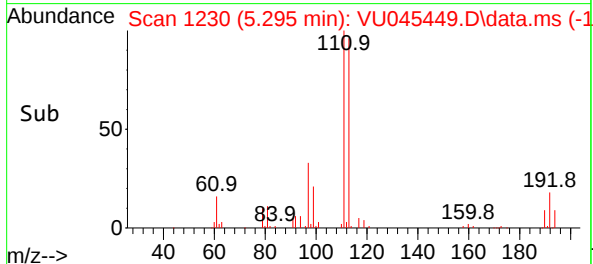
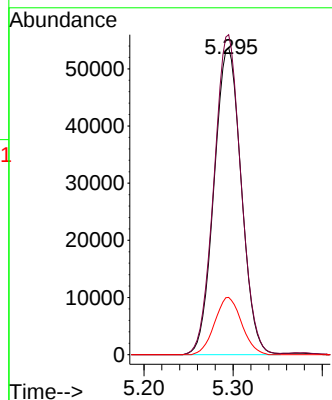
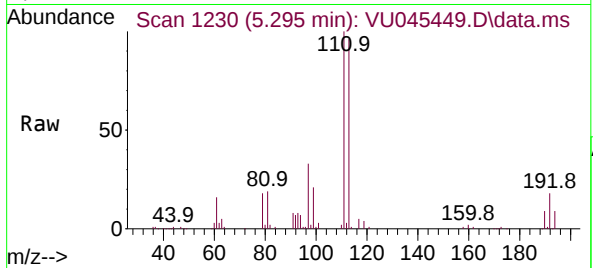




#35
Dibromofluoromethane
Concen: 50.221 ug/l
RT: 5.295 min Scan# 113
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

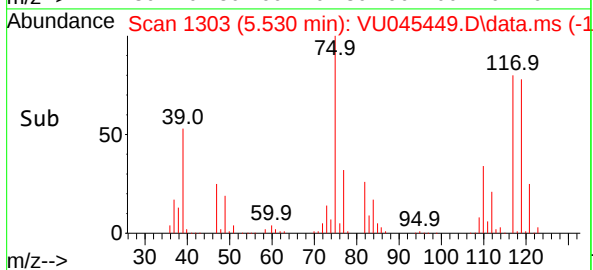
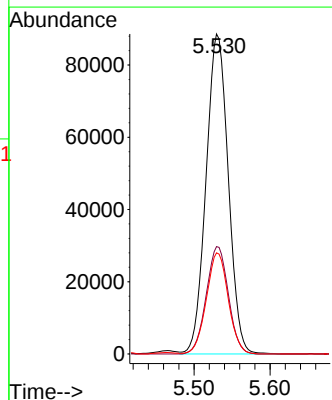
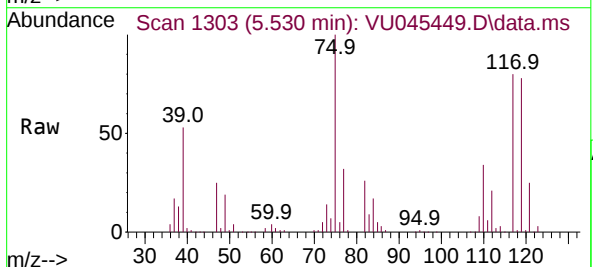
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

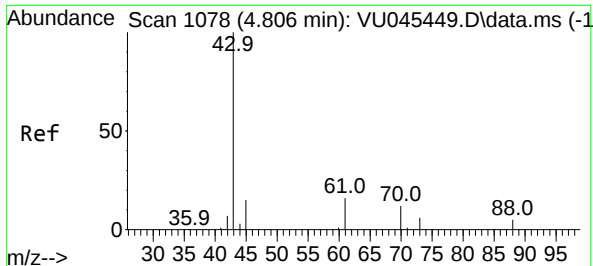
Tgt Ion:113 Resp: 113828
Ion Ratio Lower Upper
113 100
111 103.5 82.8 124.2
192 18.5 14.8 22.2



#36
1,1-Dichloropropene
Concen: 49.090 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

Tgt Ion: 75 Resp: 179916
Ion Ratio Lower Upper
75 100
110 33.3 16.7 50.0
77 31.2 25.0 37.4

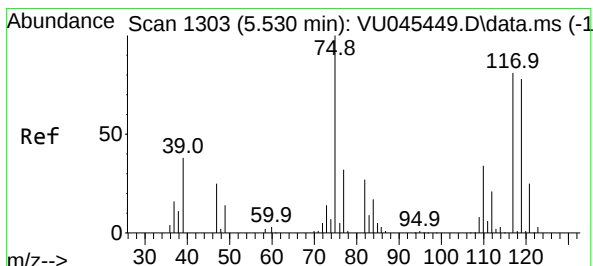
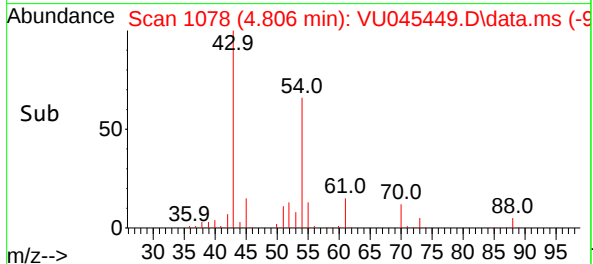
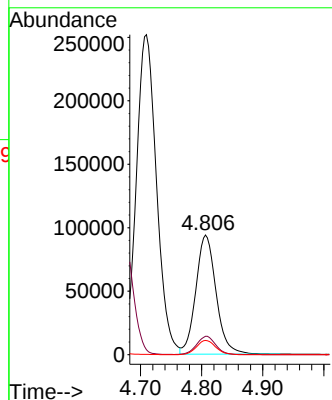
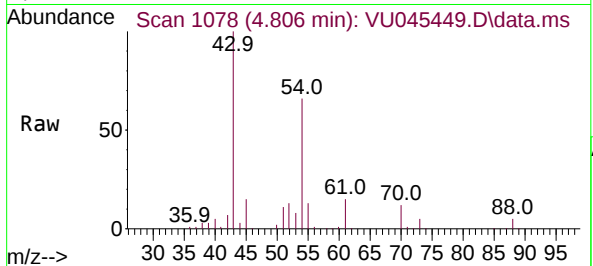




#37
Ethyl Acetate
Concen: 45.145 ug/l
RT: 4.806 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

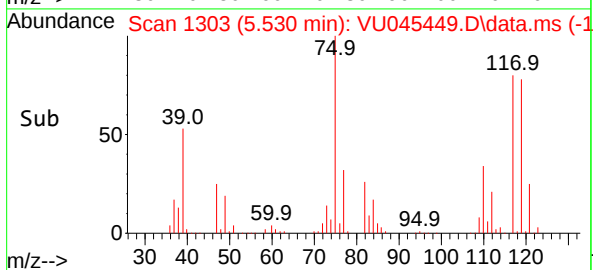
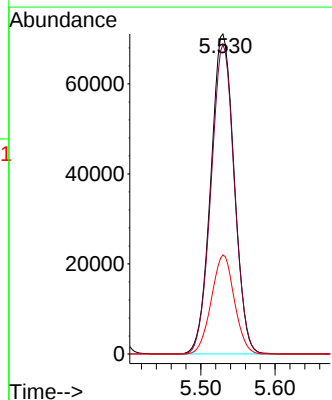
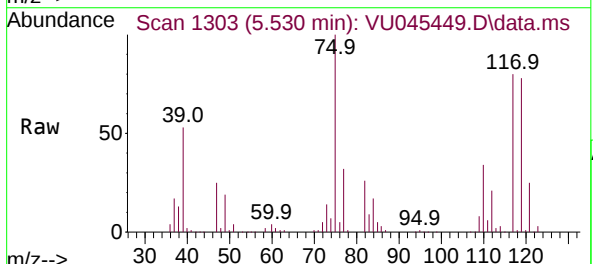
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

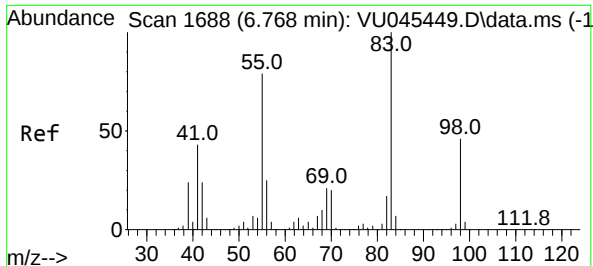
Tgt Ion: 43 Resp: 216210
Ion Ratio Lower Upper
43 100
61 14.5 11.6 17.4
70 11.4 9.1 13.7



#38
Carbon Tetrachloride
Concen: 49.238 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

Tgt Ion: 117 Resp: 155638
Ion Ratio Lower Upper
117 100
119 96.7 77.4 116.0
121 31.0 24.8 37.2





#39

Methylcyclohexane

Concen: 50.038 ug/l

RT: 6.768 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045449.D

Acq: 28 Oct 2021 20:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

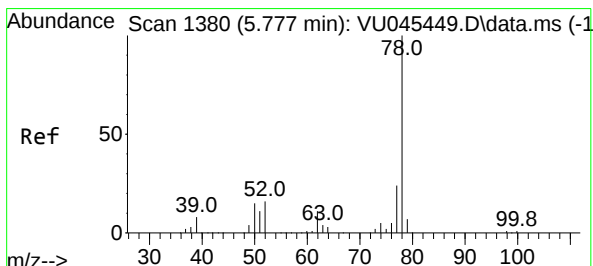
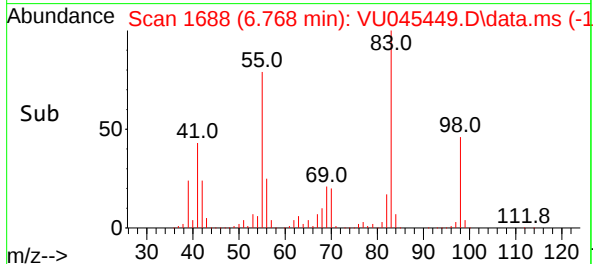
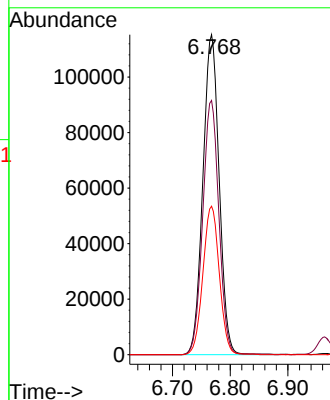
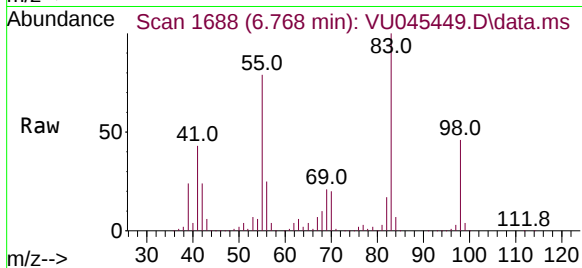
Tgt Ion: 83 Resp: 225411

Ion Ratio Lower Upper

83 100

55 79.5 63.6 95.4

98 46.4 37.1 55.7



#40

Benzene

Concen: 49.110 ug/l

RT: 5.777 min Scan# 1380

Delta R.T. 0.000 min

Lab File: VU045449.D

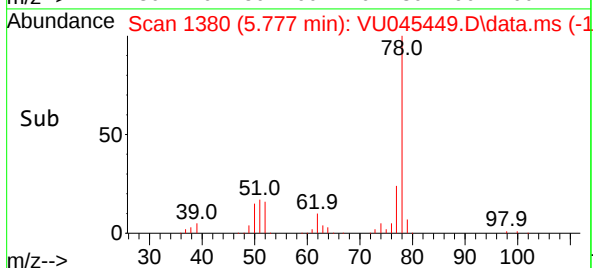
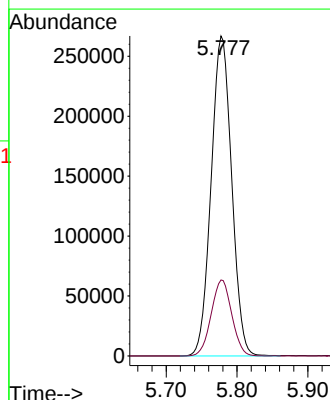
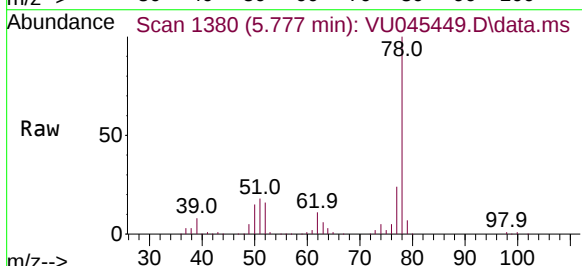
Acq: 28 Oct 2021 20:26

Tgt Ion: 78 Resp: 536737

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.4



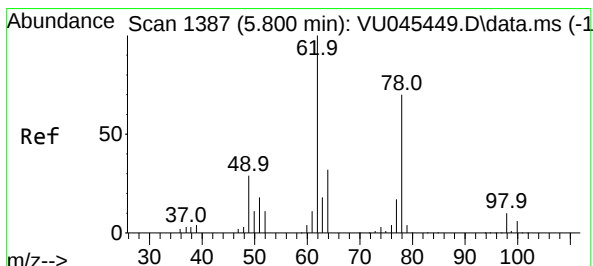
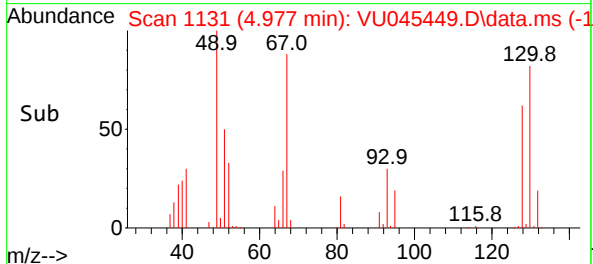
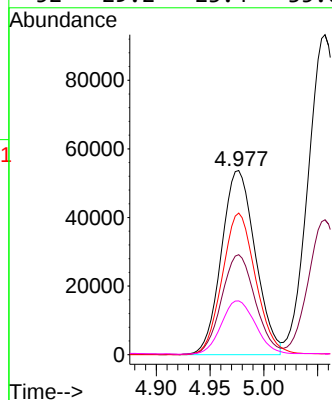
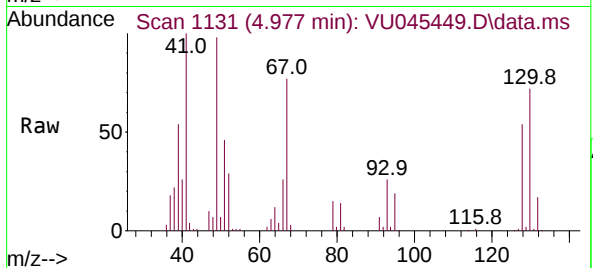


#41
Methacrylonitrile
Concen: 47.767 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 117937

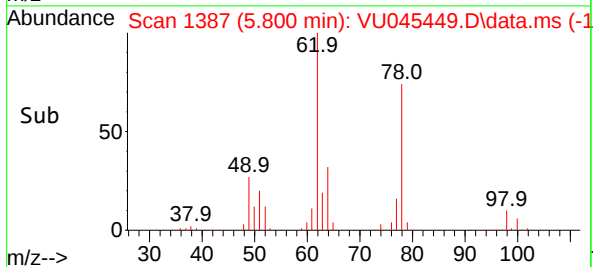
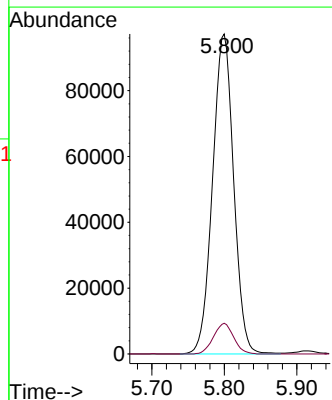
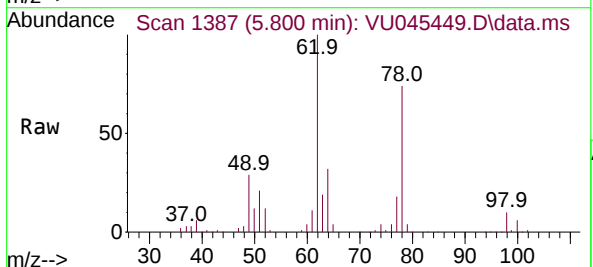
Ion	Ratio	Lower	Upper
41	100		
39	54.2	43.4	65.0
67	76.2	61.0	91.4
52	29.2	23.4	35.0

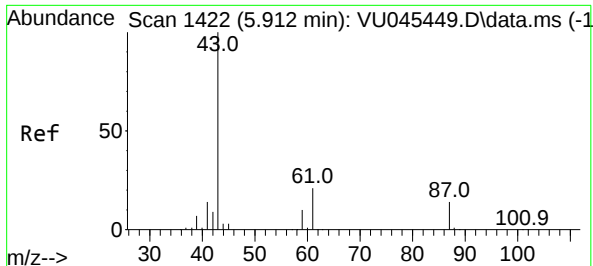


#42
1,2-Dichloroethane
Concen: 46.224 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

Tgt Ion: 62 Resp: 196277

Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.4

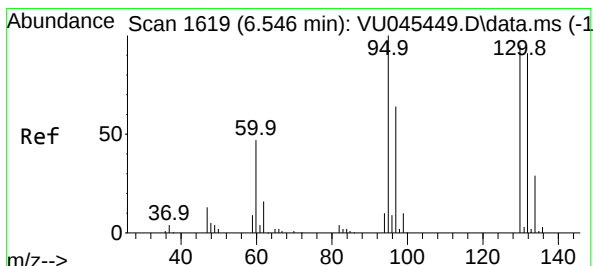
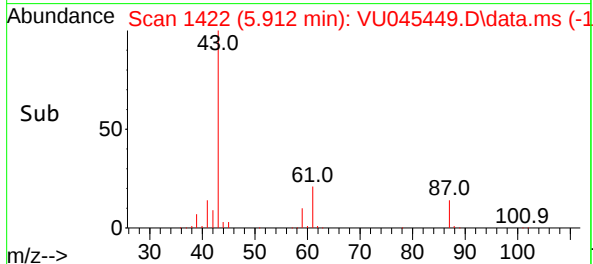
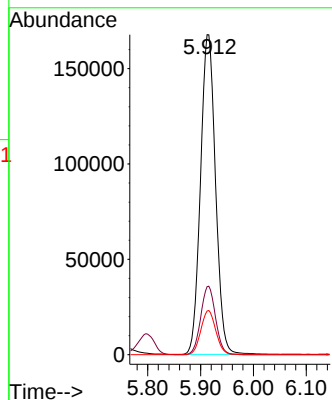
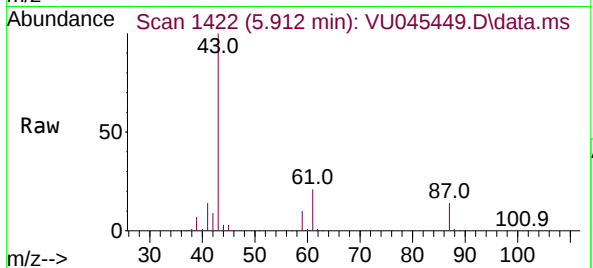




#43
Isopropyl Acetate
Concen: 45.944 ug/l
RT: 5.912 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

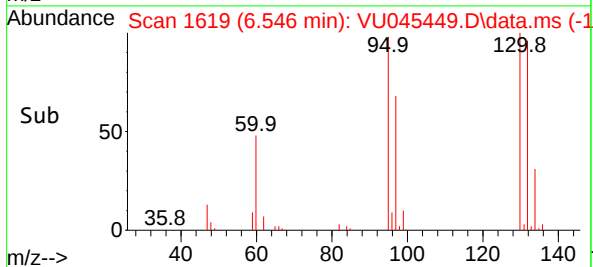
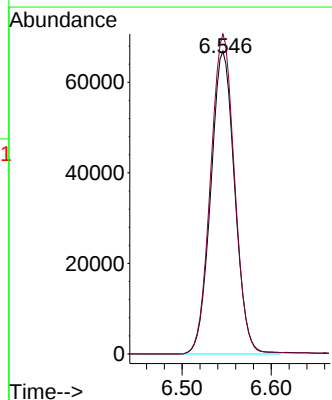
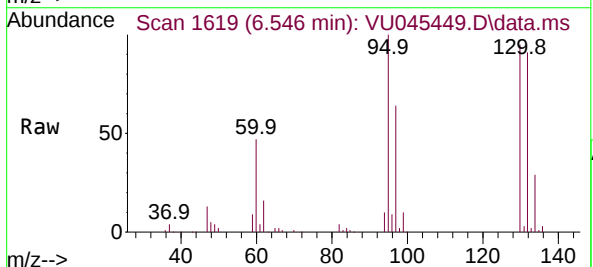
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

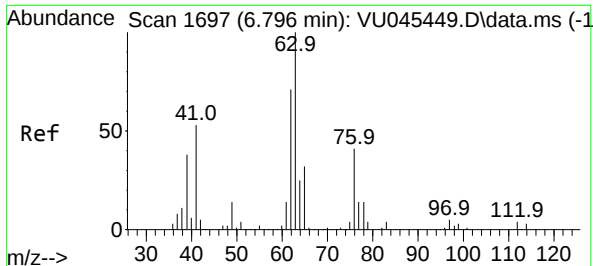
Tgt Ion: 43 Resp: 330997
Ion Ratio Lower Upper
43 100
61 21.1 16.9 25.3
87 13.7 11.0 16.4



#44
Trichloroethene
Concen: 48.444 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

Tgt Ion:130 Resp: 124659
Ion Ratio Lower Upper
130 100
95 105.7 0.0 211.4





#45

1,2-Dichloropropane

Concen: 48.941 ug/l

RT: 6.796 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045449.D

Acq: 28 Oct 2021 20:26

Instrument :

MSVOA_U

ClientSampleId :

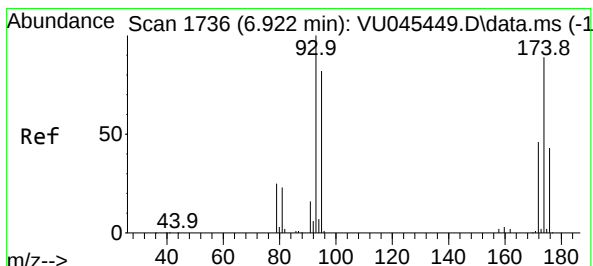
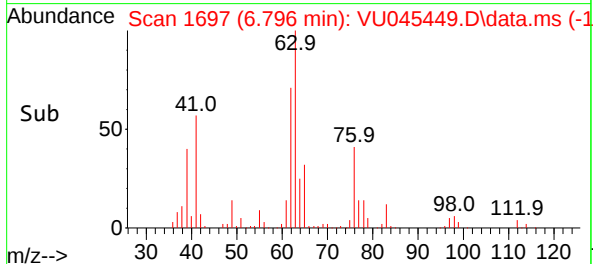
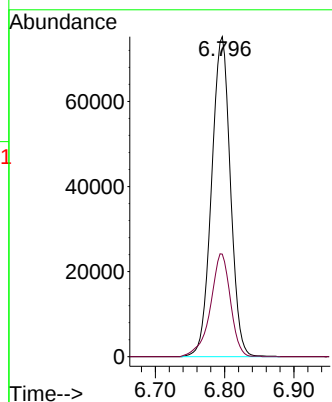
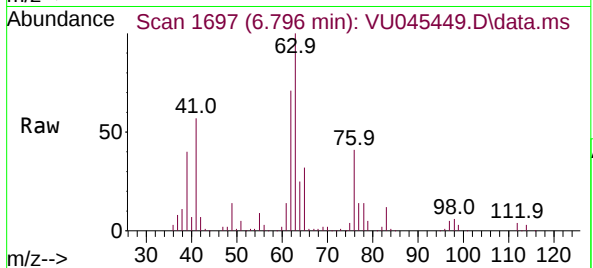
VSTDICCC050

Tgt Ion: 63 Resp: 141814

Ion Ratio Lower Upper

63 100

65 32.1 25.7 38.5



#46

Dibromomethane

Concen: 48.654 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. 0.000 min

Lab File: VU045449.D

Acq: 28 Oct 2021 20:26

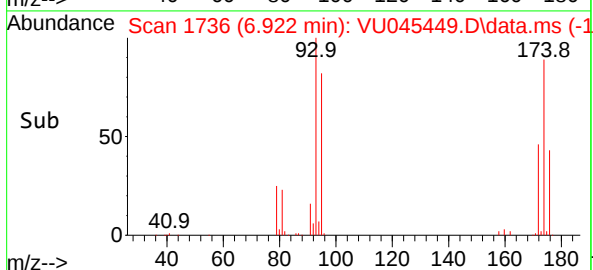
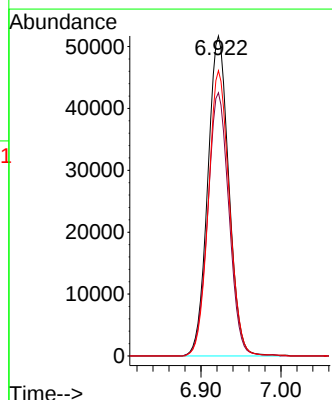
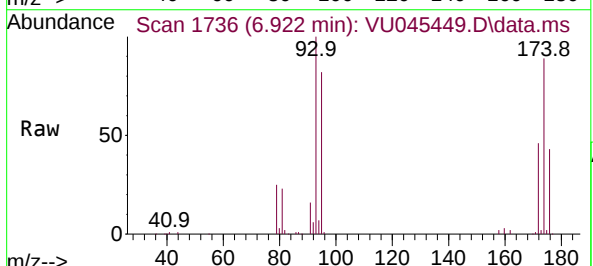
Tgt Ion: 93 Resp: 94630

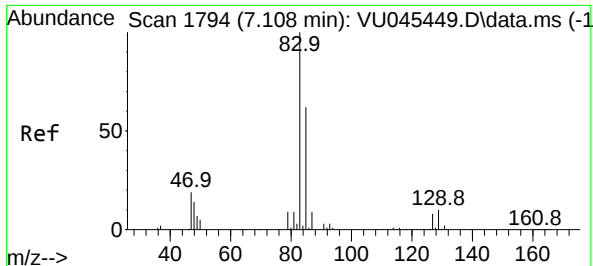
Ion Ratio Lower Upper

93 100

95 82.7 66.2 99.2

174 88.8 71.0 106.6

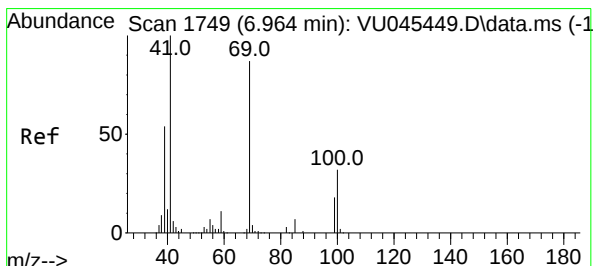
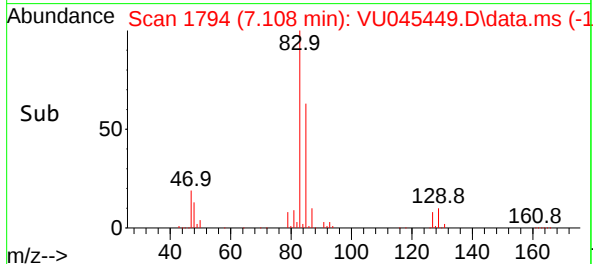
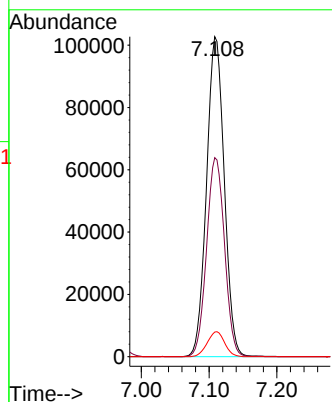
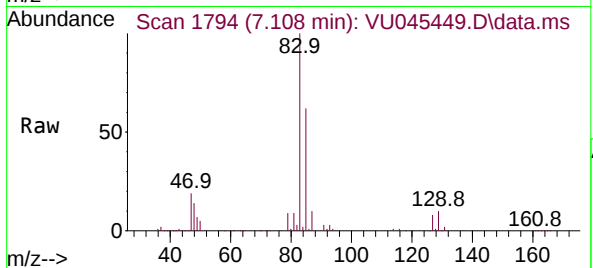




#47
Bromodichloromethane
Concen: 49.373 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

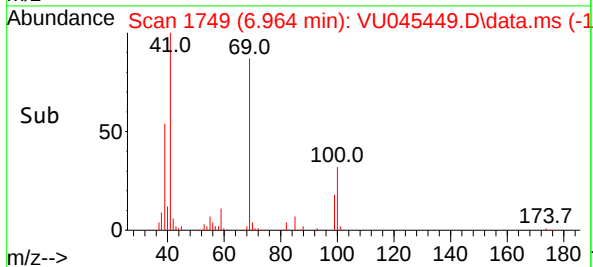
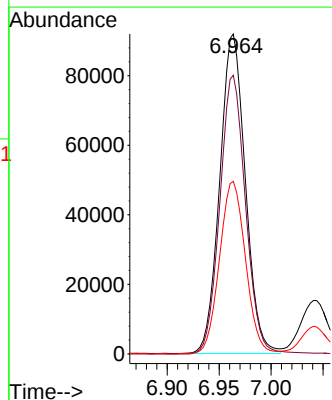
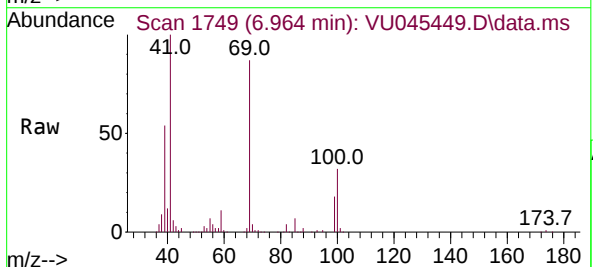
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

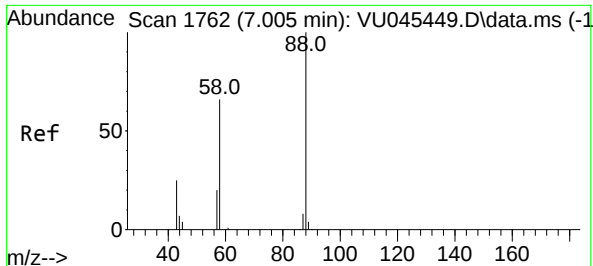
Tgt Ion: 83 Resp: 186645
Ion Ratio Lower Upper
83 100
85 62.2 49.8 74.6
127 7.7 6.2 9.2



#48
Methyl methacrylate
Concen: 45.066 ug/l
RT: 6.964 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

Tgt Ion: 41 Resp: 157386
Ion Ratio Lower Upper
41 100
69 87.7 70.2 105.2
39 54.9 43.9 65.9





#49

1,4-Dioxane

Concen: 930.886 ug/l

RT: 7.005 min Scan# 1762

Delta R.T. 0.000 min

Lab File: VU045449.D

Acq: 28 Oct 2021 20:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

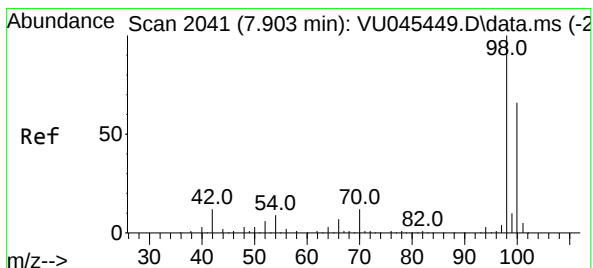
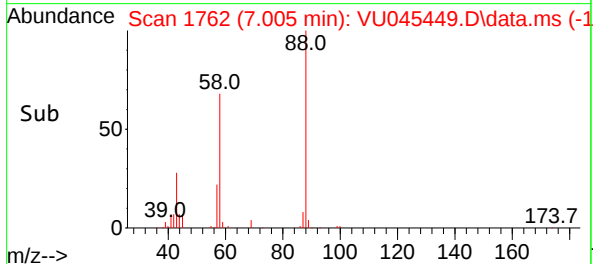
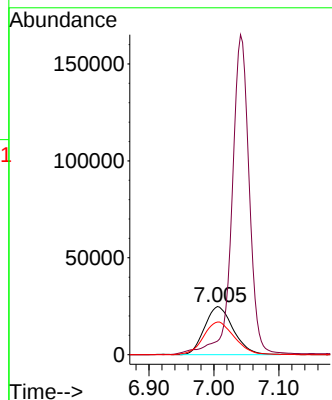
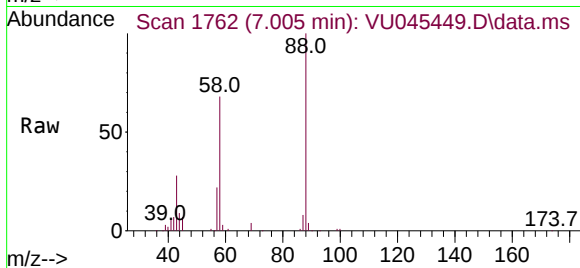
Tgt Ion: 88 Resp: 76177

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 73.4 58.7 88.1



#50

Toluene-d8

Concen: 50.776 ug/l

RT: 7.903 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VU045449.D

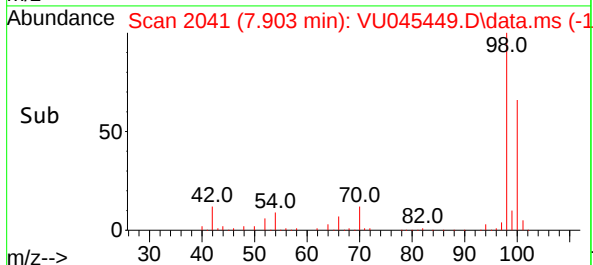
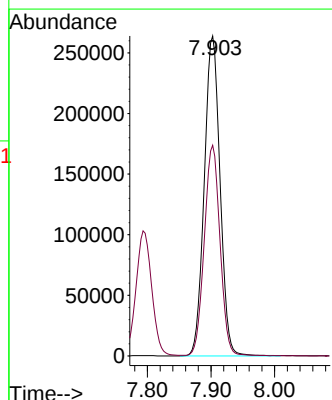
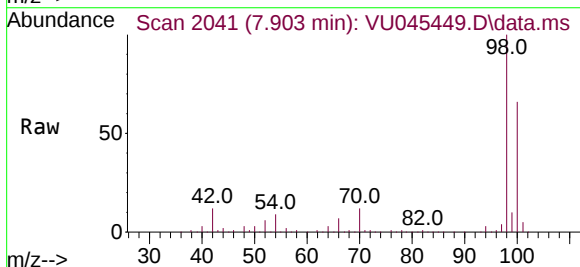
Acq: 28 Oct 2021 20:26

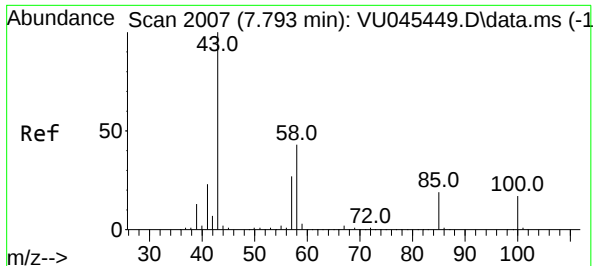
Tgt Ion: 98 Resp: 455396

Ion Ratio Lower Upper

98 100

100 65.6 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 210.006 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU045449.D

Acq: 28 Oct 2021 20:26

Instrument :

MSVOA_U

ClientSampleId :

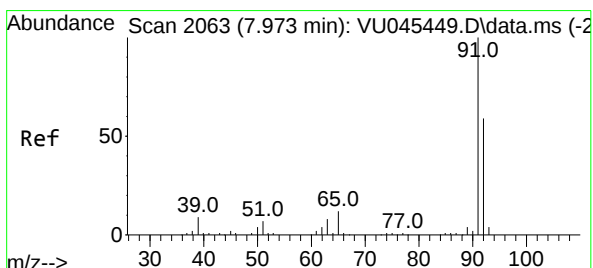
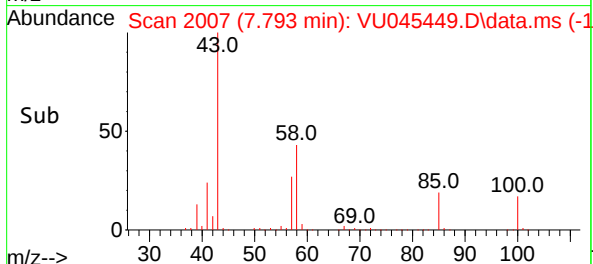
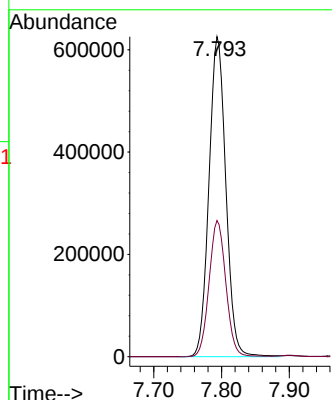
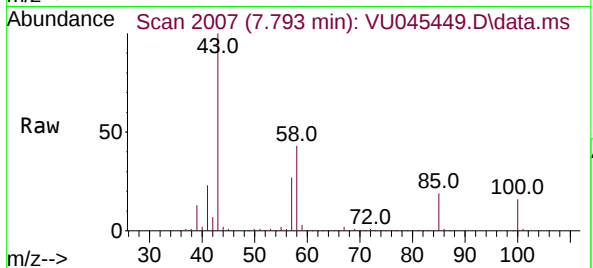
VSTDICCC050

Tgt Ion: 43 Resp: 1079763

Ion Ratio Lower Upper

43 100

58 42.3 33.8 50.8



#52

Toluene

Concen: 48.744 ug/l

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU045449.D

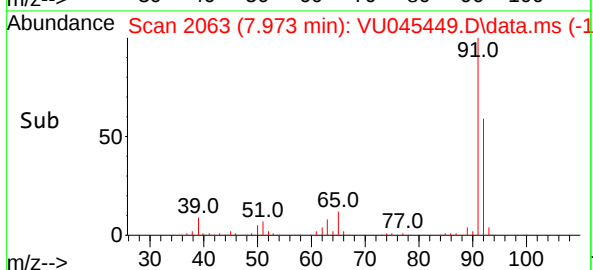
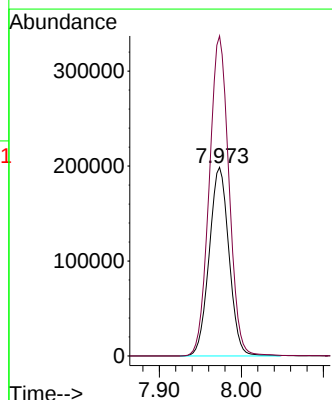
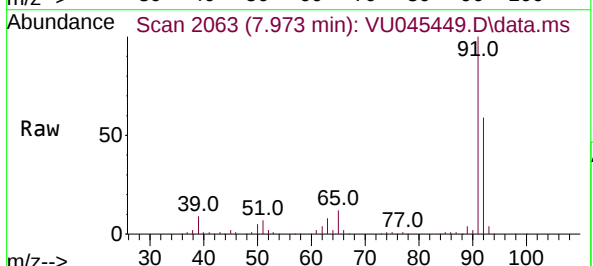
Acq: 28 Oct 2021 20:26

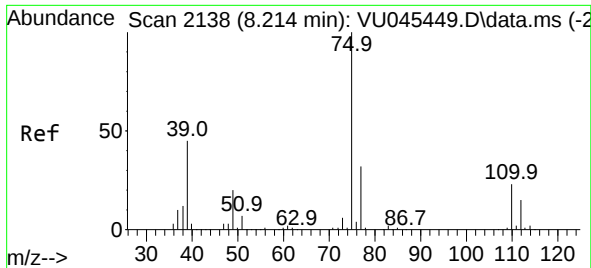
Tgt Ion: 92 Resp: 332347

Ion Ratio Lower Upper

92 100

91 169.5 135.6 203.4





#53

t-1,3-Dichloropropene

Concen: 48.938 ug/l

RT: 8.214 min Scan# 2138

Delta R.T. 0.000 min

Lab File: VU045449.D

Acq: 28 Oct 2021 20:26

Instrument :

MSVOA_U

ClientSampleId :

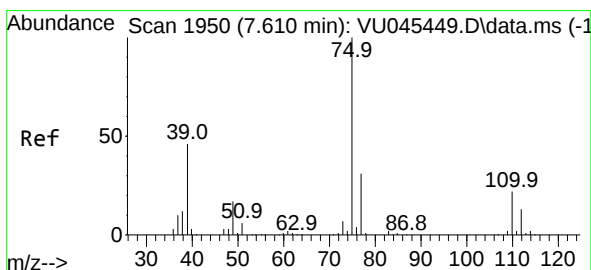
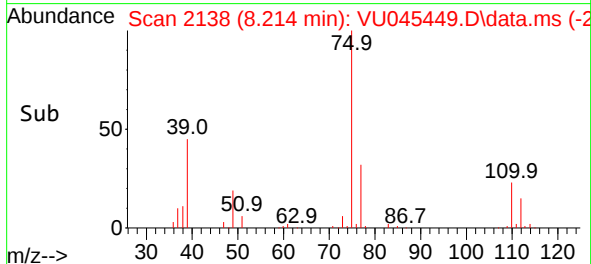
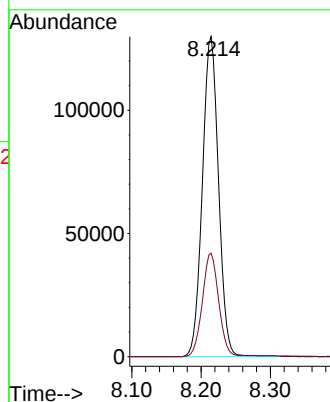
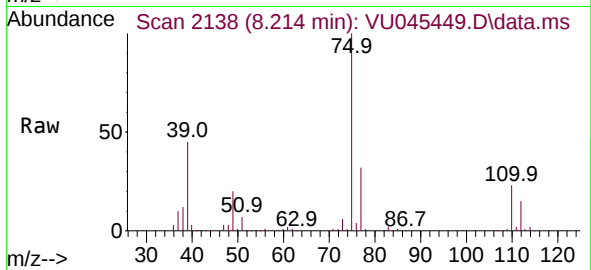
VSTDICCC050

Tgt Ion: 75 Resp: 210193

Ion Ratio Lower Upper

75 100

77 32.3 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 50.465 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU045449.D

Acq: 28 Oct 2021 20:26

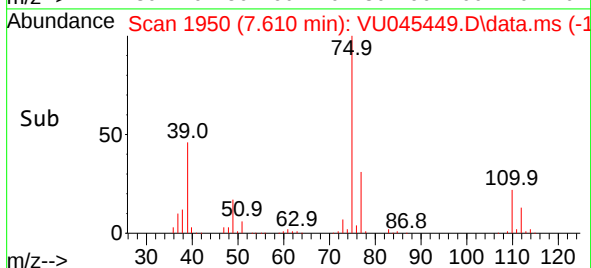
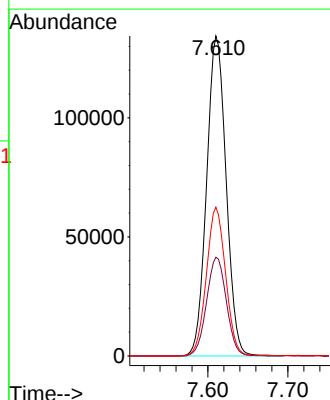
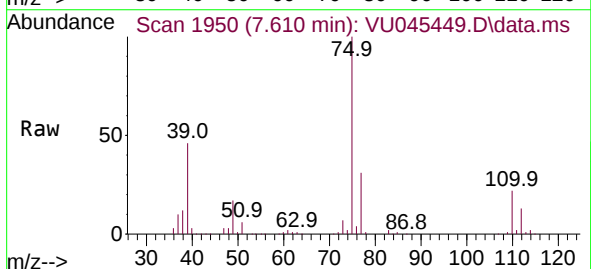
Tgt Ion: 75 Resp: 227835

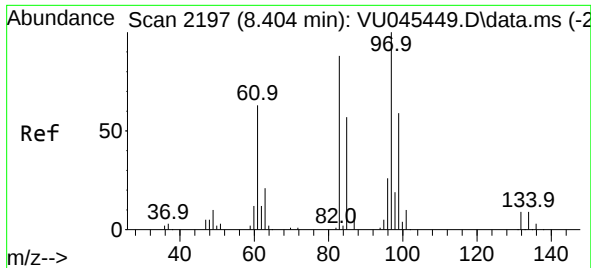
Ion Ratio Lower Upper

75 100

77 30.8 24.6 37.0

39 46.4 37.1 55.7



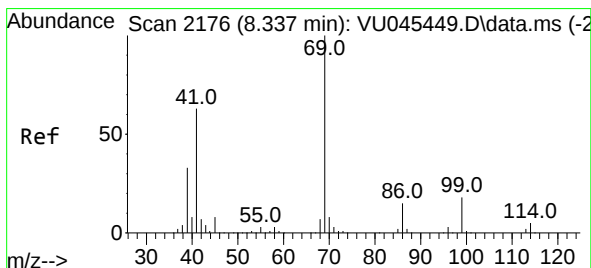
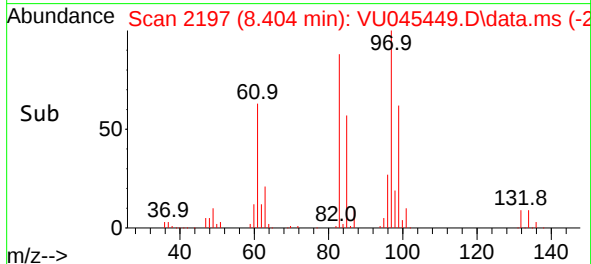
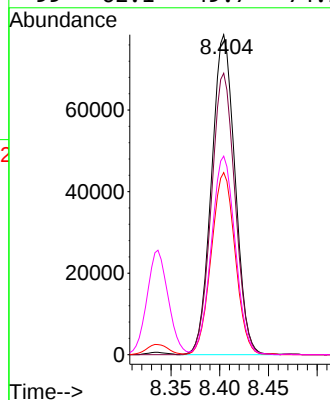
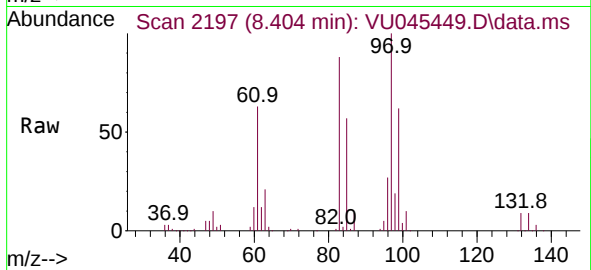


#55
1,1,2-Trichloroethane
Concen: 46.746 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion: 97 Resp: 132024

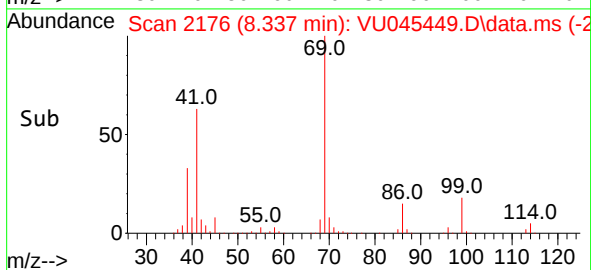
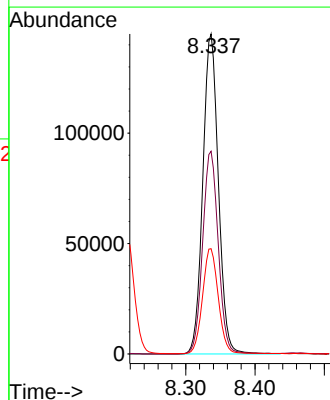
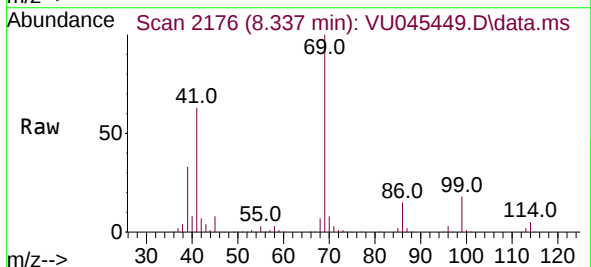
Ion	Ratio	Lower	Upper
97	100		
83	87.9	70.3	105.5
85	56.9	45.5	68.3
99	62.1	49.7	74.5

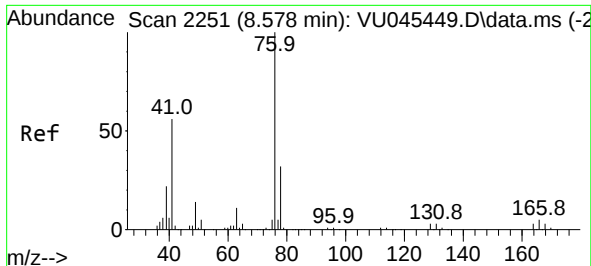


#56
Ethyl methacrylate
Concen: 46.480 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

Tgt Ion: 69 Resp: 226052

Ion	Ratio	Lower	Upper
69	100		
41	63.7	51.0	76.4
39	33.2	26.6	39.8





#57

1,3-Dichloropropane

Concen: 46.956 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045449.D

Acq: 28 Oct 2021 20:26

Instrument :

MSVOA_U

ClientSampleId :

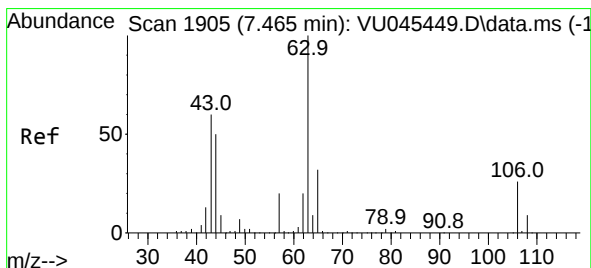
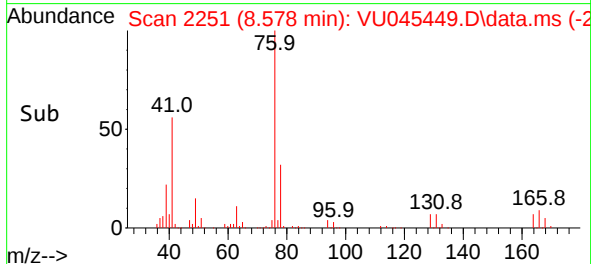
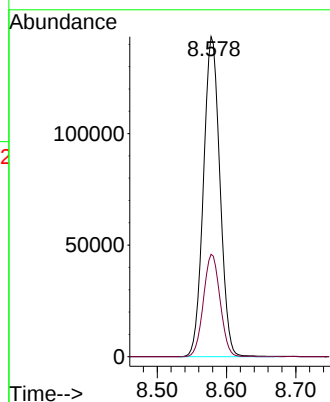
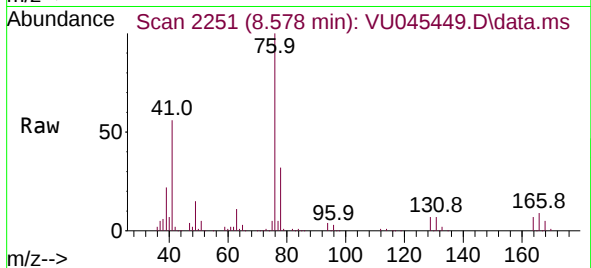
VSTDICCC050

Tgt Ion: 76 Resp: 236989

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 383.635 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VU045449.D

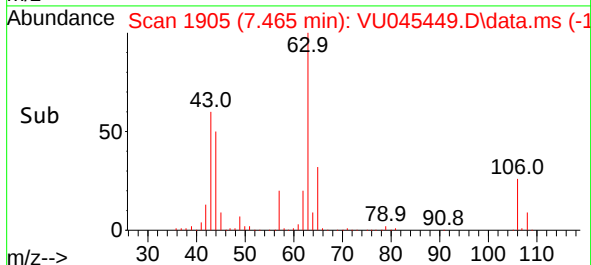
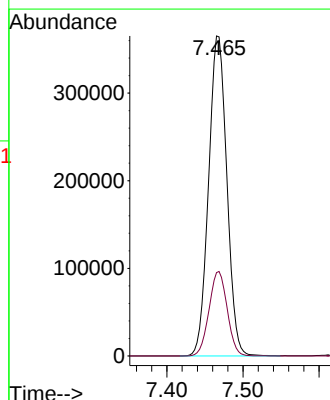
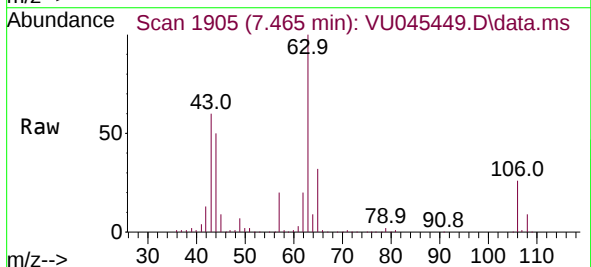
Acq: 28 Oct 2021 20:26

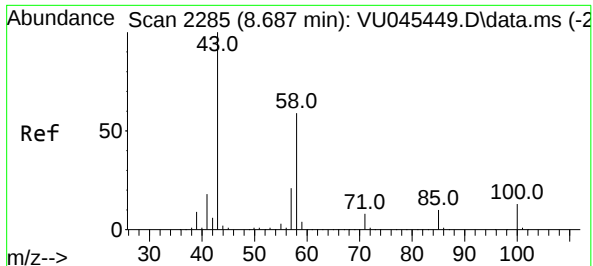
Tgt Ion: 63 Resp: 608827

Ion Ratio Lower Upper

63 100

106 26.2 21.0 31.4

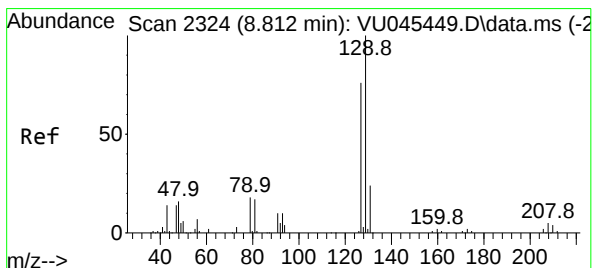
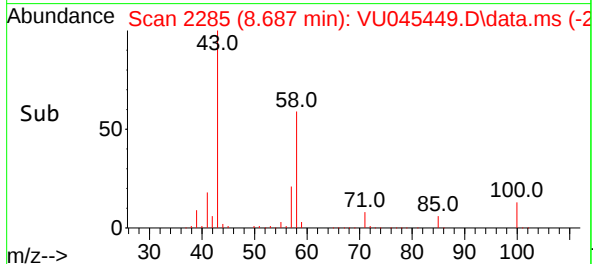
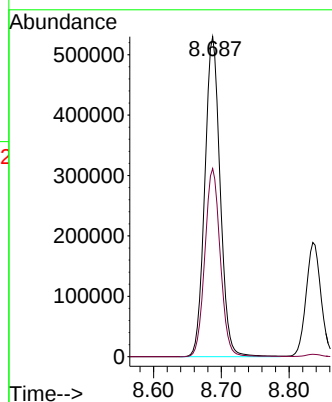
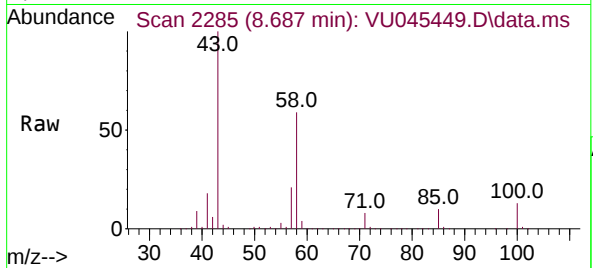




#59
2-Hexanone
Concen: 201.675 ug/l
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

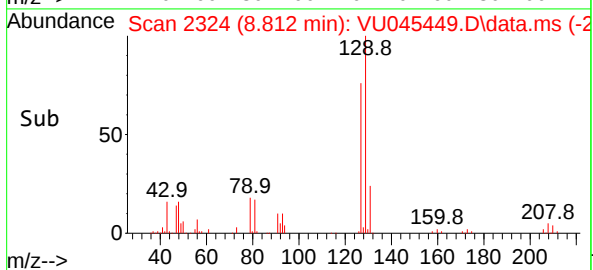
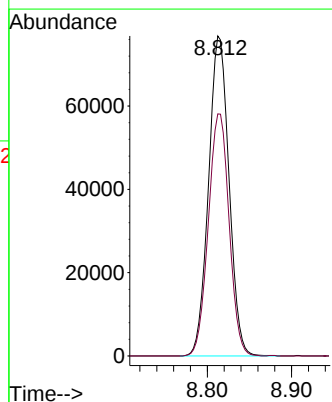
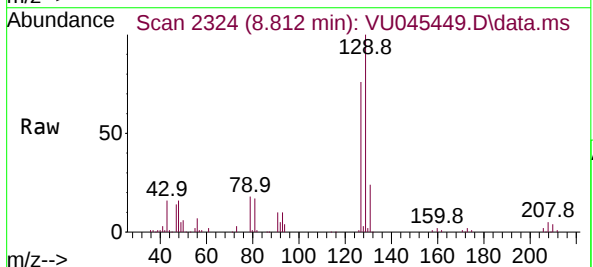
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

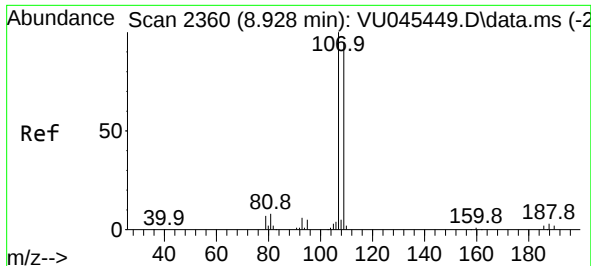
Tgt Ion: 43 Resp: 834397
Ion Ratio Lower Upper
43 100
58 59.1 29.5 88.6



#60
Dibromochloromethane
Concen: 48.560 ug/l
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

Tgt Ion: 129 Resp: 129537
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.3

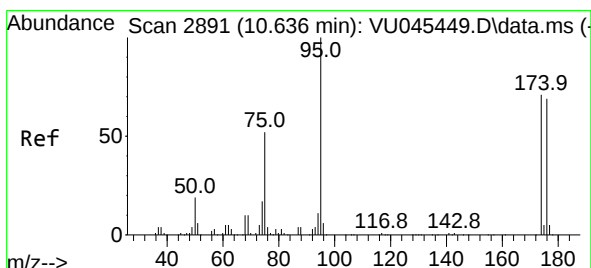
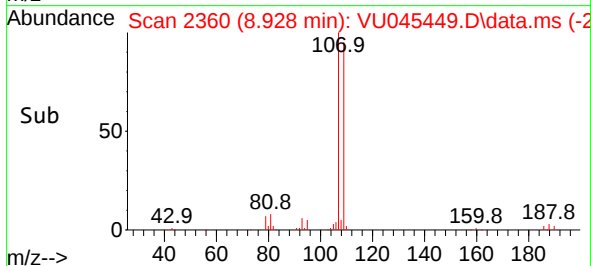
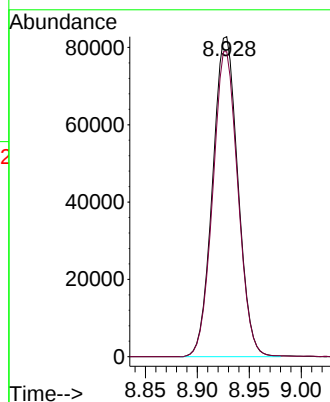
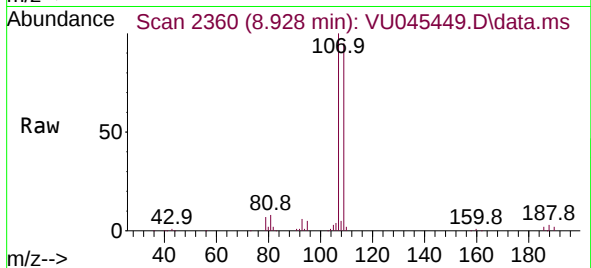




#61
1,2-Dibromoethane
Concen: 46.832 ug/l
RT: 8.928 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

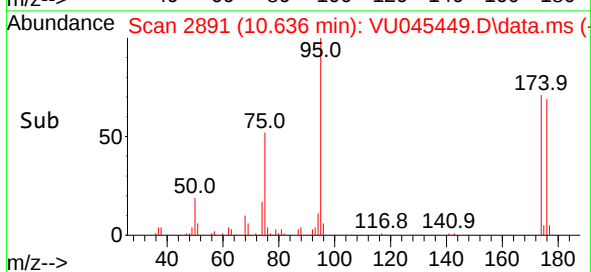
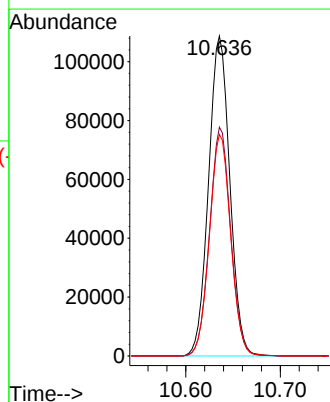
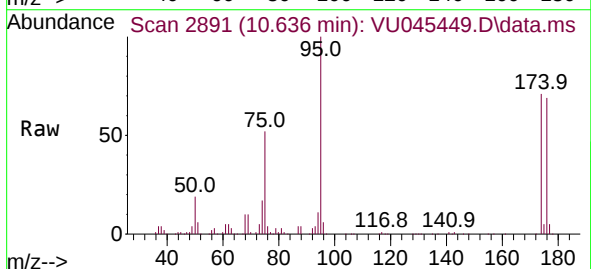
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

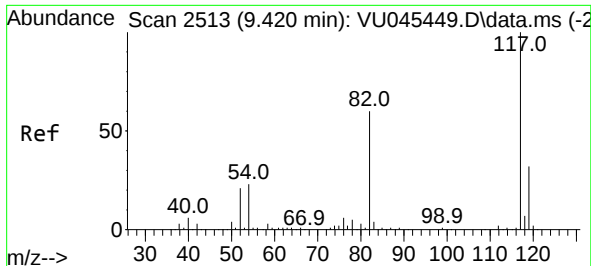
Tgt Ion:107 Resp: 140080
Ion Ratio Lower Upper
107 100
109 94.8 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 46.814 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

Tgt Ion: 95 Resp: 169916
Ion Ratio Lower Upper
95 100
174 70.9 0.0 141.8
176 69.1 0.0 138.2

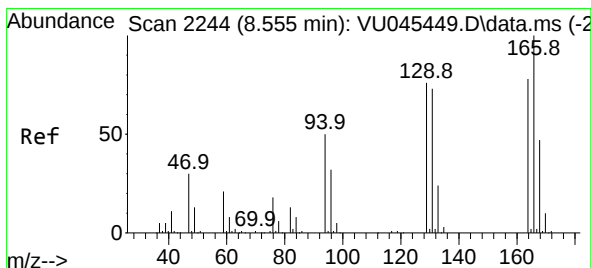
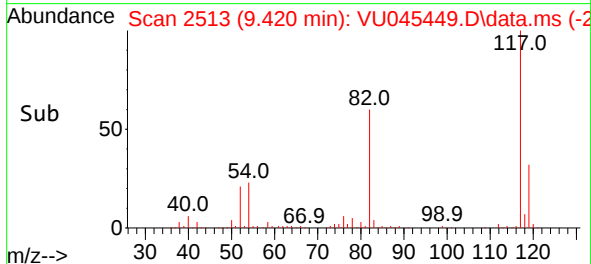
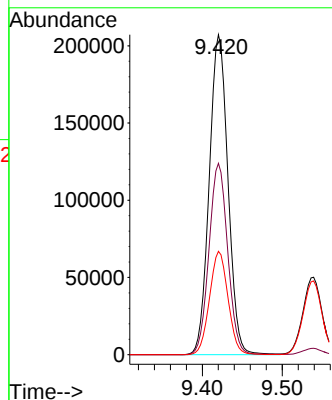
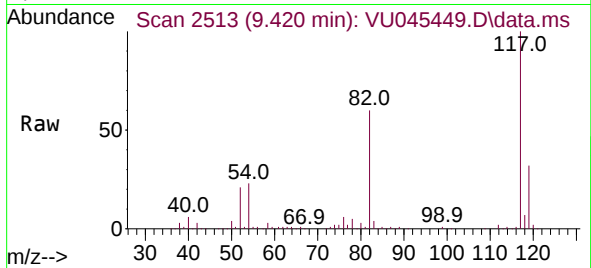




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

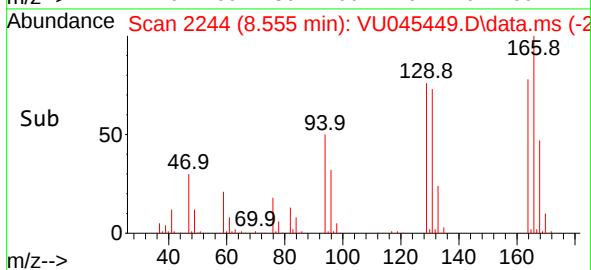
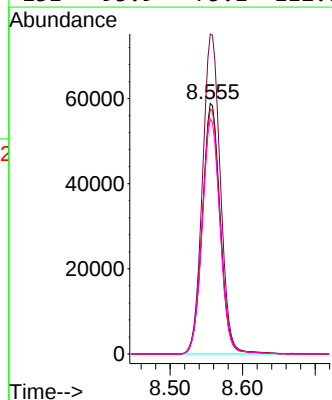
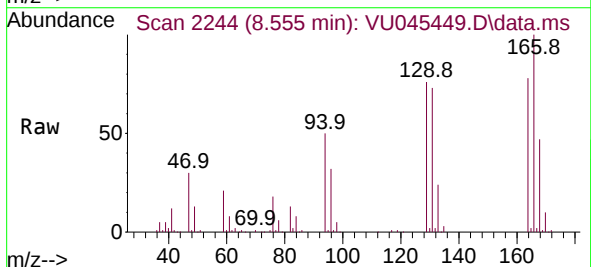
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

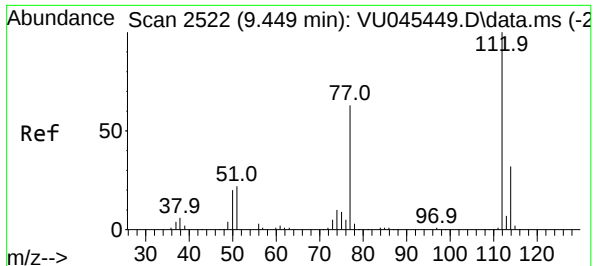
Tgt Ion:117 Resp: 338076
Ion Ratio Lower Upper
117 100
82 59.8 47.8 71.8
119 32.3 25.8 38.8



#64
Tetrachloroethene
Concen: 46.537 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

Tgt Ion:164 Resp: 100352
Ion Ratio Lower Upper
164 100
166 127.8 102.2 153.4
129 97.8 78.2 117.4
131 93.9 75.1 112.7

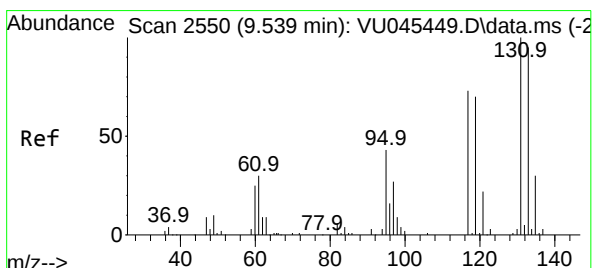
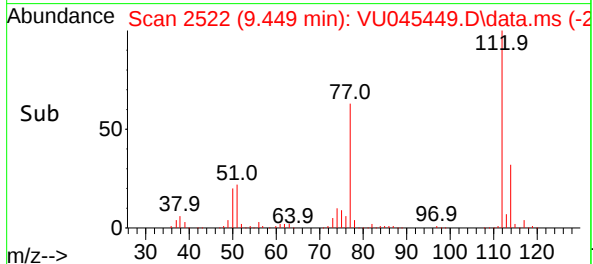
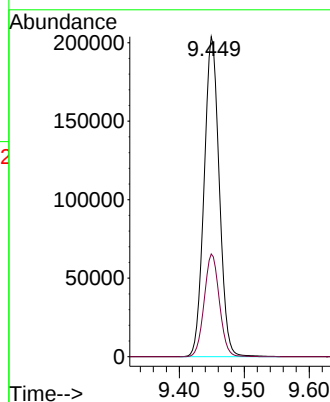
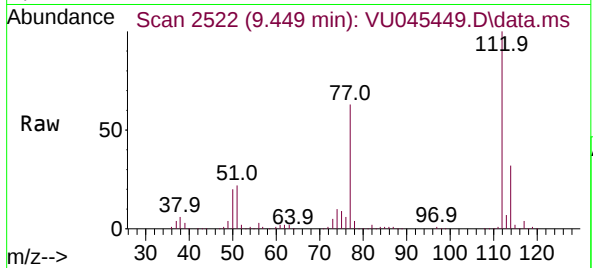




#65
Chlorobenzene
Concen: 47.755 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

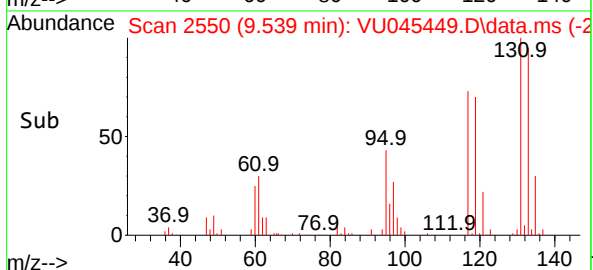
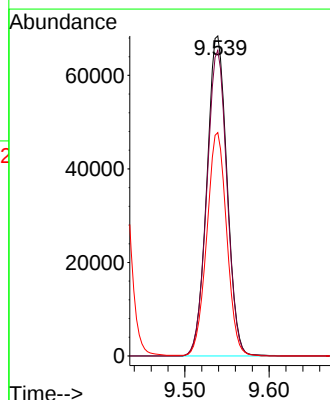
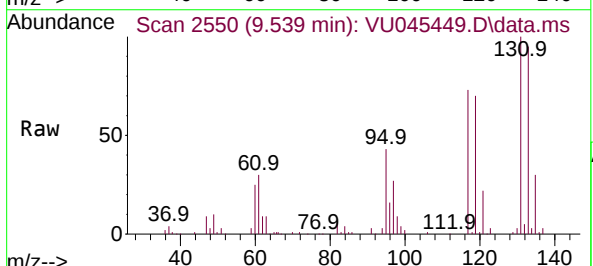
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

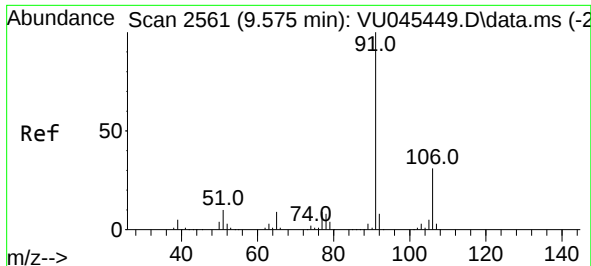
Tgt Ion:112 Resp: 331957
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 47.320 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

Tgt Ion:131 Resp: 114077
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.6
119 69.1 34.5 103.6

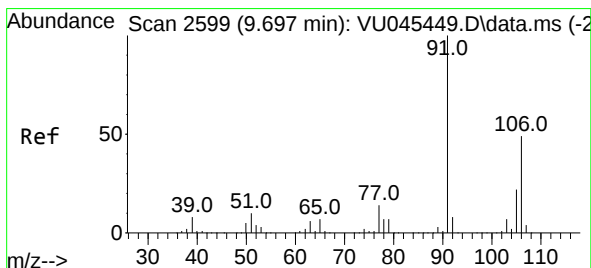
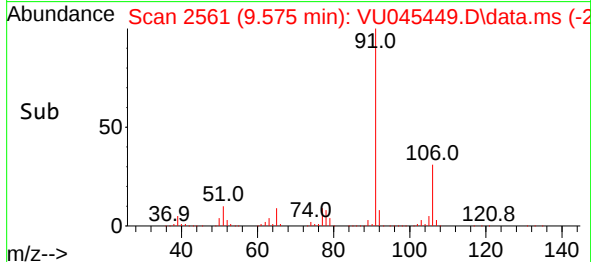
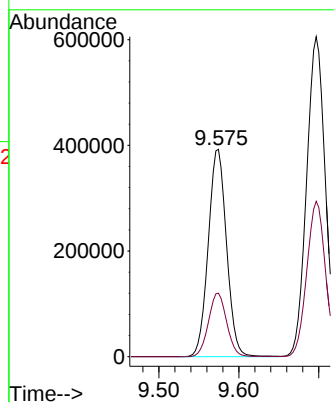
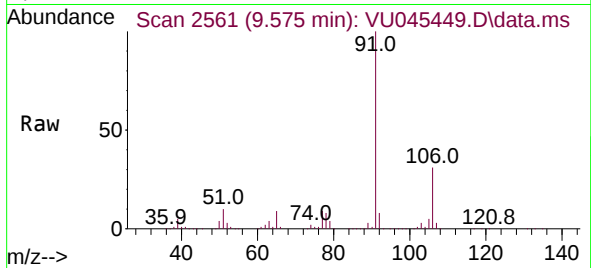




#67
Ethyl Benzene
Concen: 48.937 ug/l
RT: 9.575 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

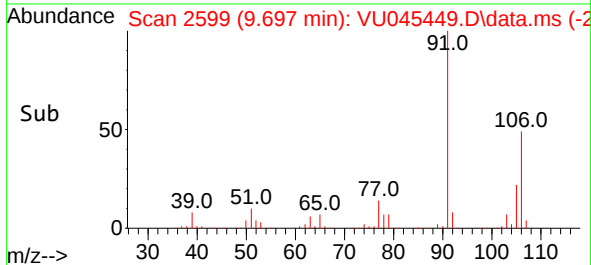
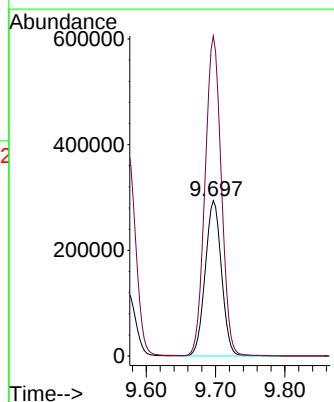
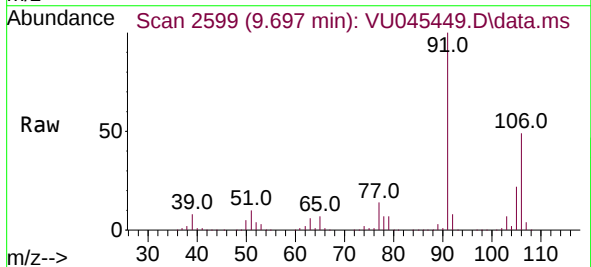
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

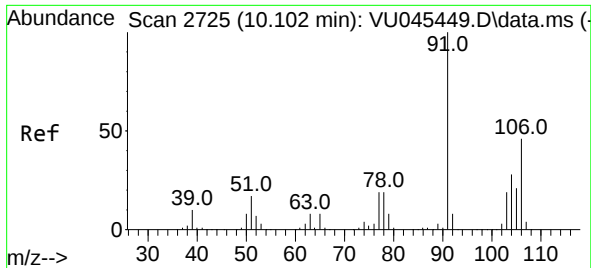
Tgt Ion: 91 Resp: 625096
Ion Ratio Lower Upper
91 100
106 30.7 24.6 36.8



#68
m/p-Xylenes
Concen: 96.525 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

Tgt Ion: 106 Resp: 478504
Ion Ratio Lower Upper
106 100
91 205.9 164.7 247.1

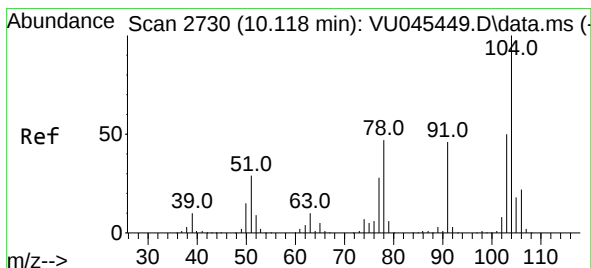
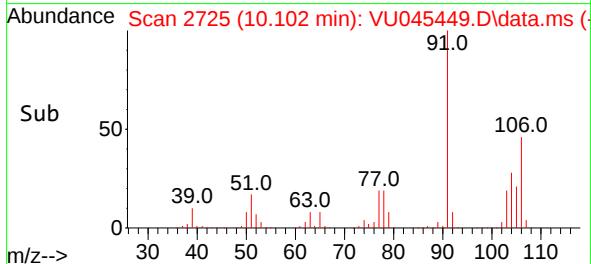
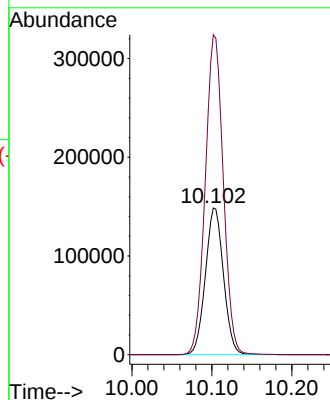
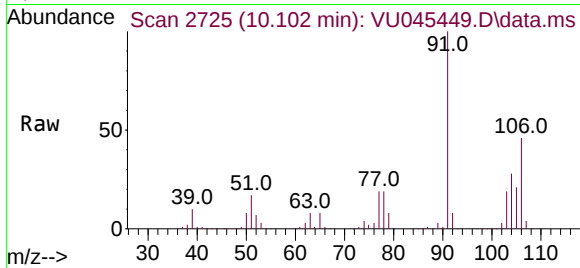




#69
o-Xylene
Concen: 47.676 ug/l
RT: 10.102 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

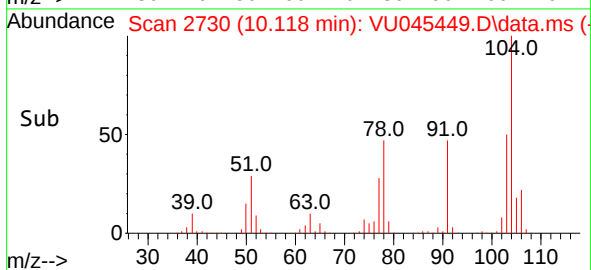
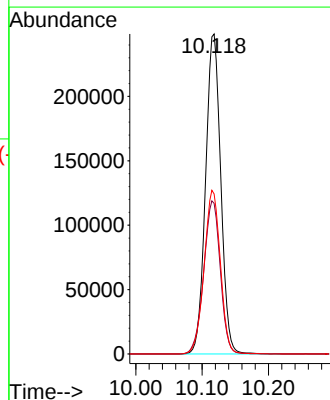
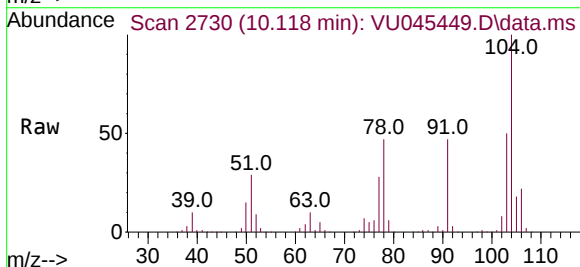
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

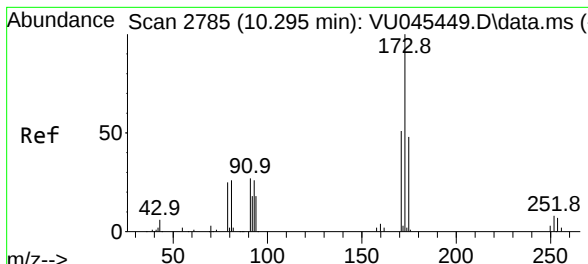
Tgt Ion:106 Resp: 233713
Ion Ratio Lower Upper
106 100
91 217.5 108.7 326.3



#70
Styrene
Concen: 48.259 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

Tgt Ion:104 Resp: 395373
Ion Ratio Lower Upper
104 100
78 52.2 41.8 62.6
103 54.7 43.8 65.6

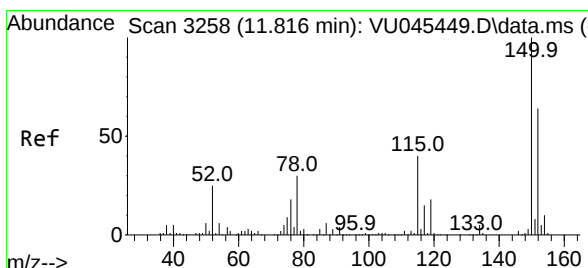
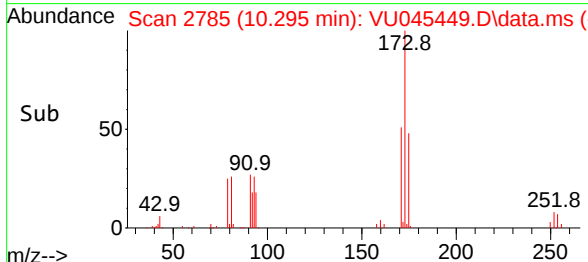
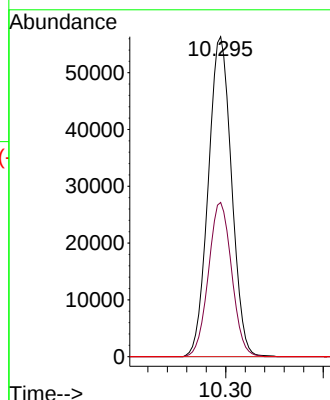
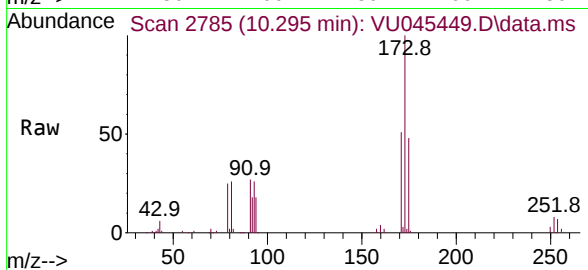




#71
Bromoform
Concen: 46.195 ug/l
RT: 10.295 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

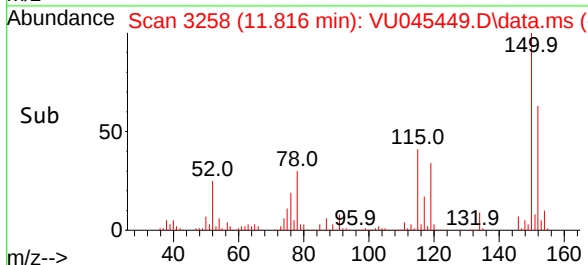
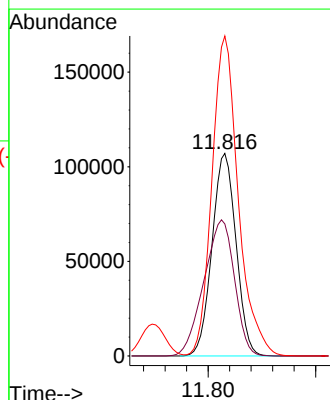
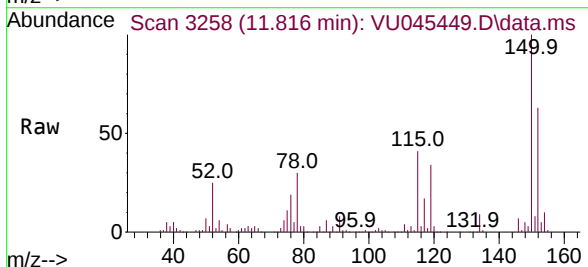
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

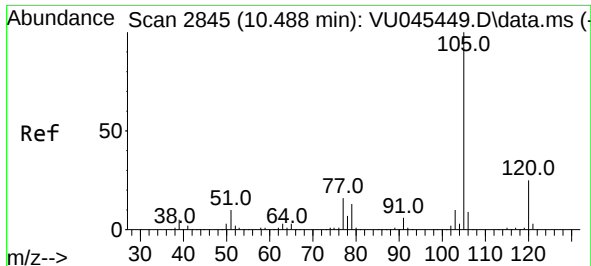
Tgt Ion:173 Resp: 93294
Ion Ratio Lower Upper
173 100
175 48.1 24.1 72.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

Tgt Ion:152 Resp: 166005
Ion Ratio Lower Upper
152 100
115 85.4 42.7 128.1
150 173.4 0.0 346.8

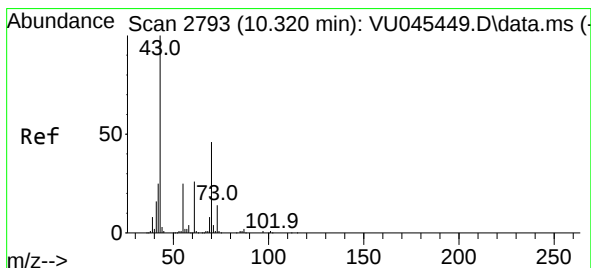
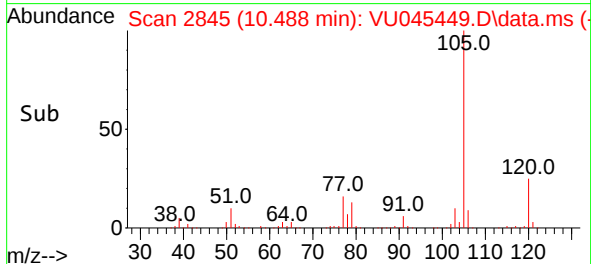
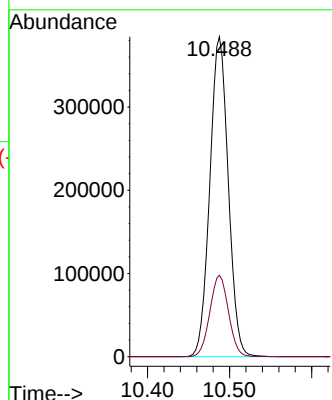
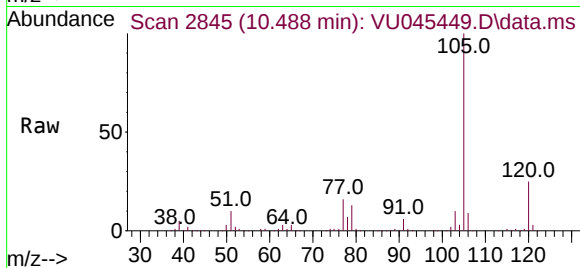




#73
Isopropylbenzene
Concen: 49.204 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

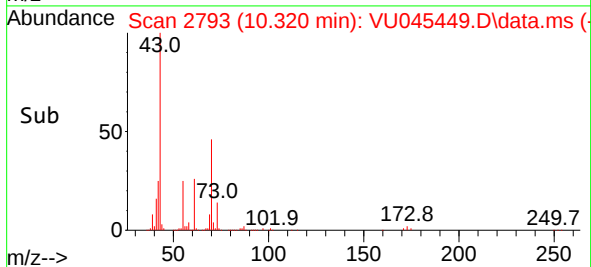
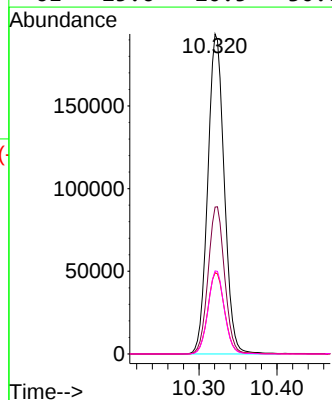
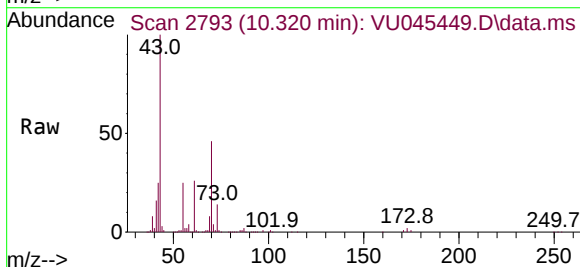
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

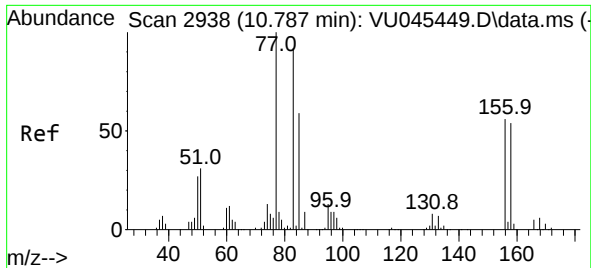
Tgt Ion:105 Resp: 601867
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.6



#74
N-ethyl acetate
Concen: 47.033 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

Tgt Ion: 43 Resp: 284976
Ion Ratio Lower Upper
43 100
70 46.1 36.9 55.3
55 25.8 20.6 31.0
61 25.6 20.5 30.7

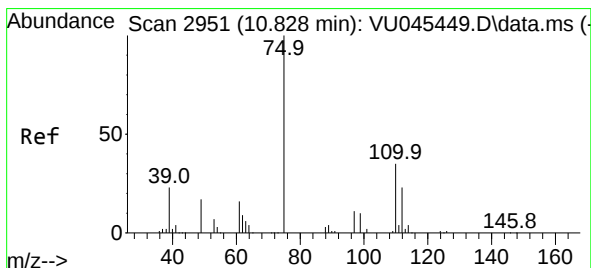
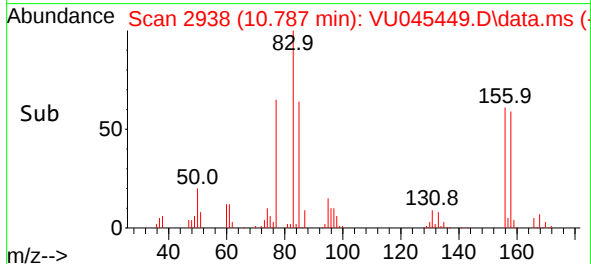
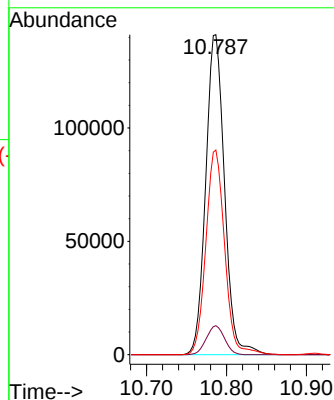
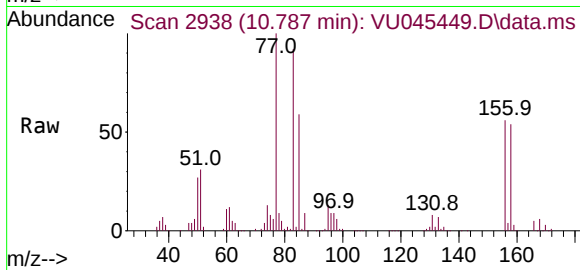




#75
 1,1,2,2-Tetrachloroethane
 Concen: 44.584 ug/l
 RT: 10.787 min Scan# 2938
 Delta R.T. 0.000 min
 Lab File: VU045449.D
 Acq: 28 Oct 2021 20:26

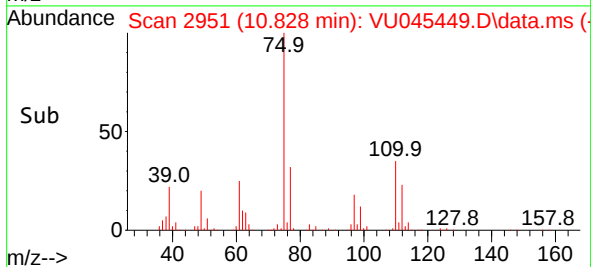
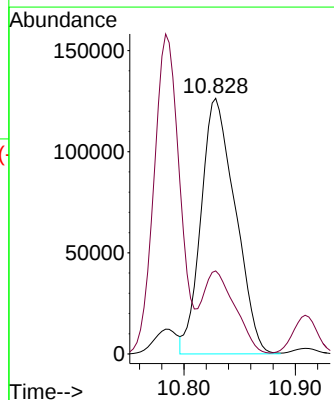
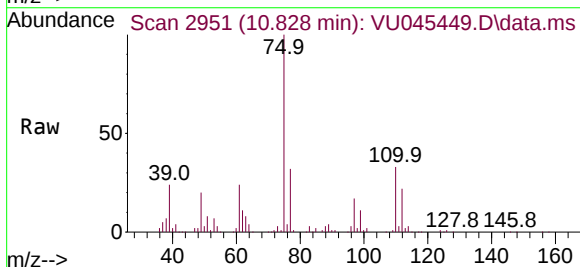
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

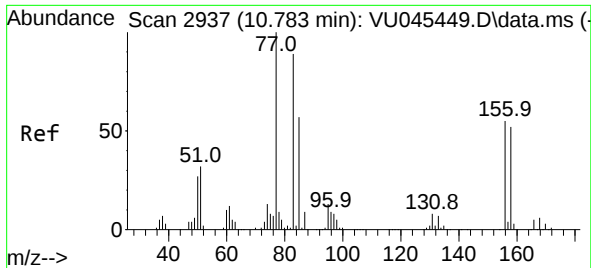
Tgt Ion: 83 Resp: 231199
 Ion Ratio Lower Upper
 83 100
 131 8.8 4.4 13.2
 85 63.9 31.9 95.9



#76
 1,2,3-Trichloropropane
 Concen: 56.739 ug/l
 RT: 10.828 min Scan# 2951
 Delta R.T. 0.000 min
 Lab File: VU045449.D
 Acq: 28 Oct 2021 20:26

Tgt Ion: 75 Resp: 270122
 Ion Ratio Lower Upper
 75 100
 77 29.7 17.1 51.3

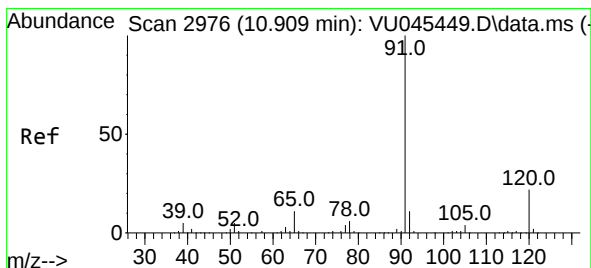
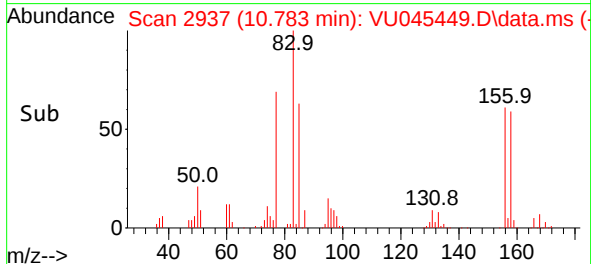
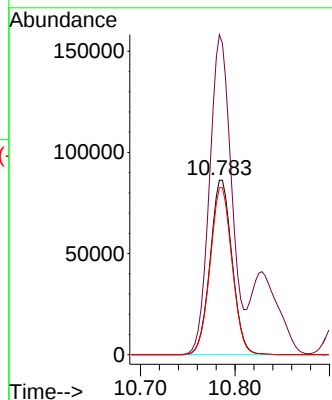
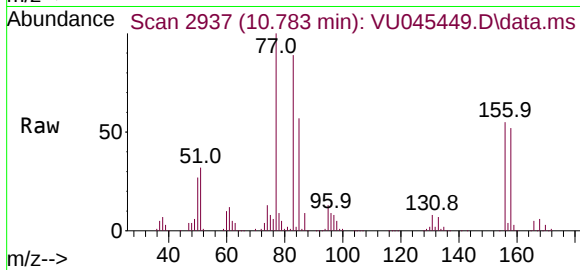




#77
Bromobenzene
Concen: 47.258 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

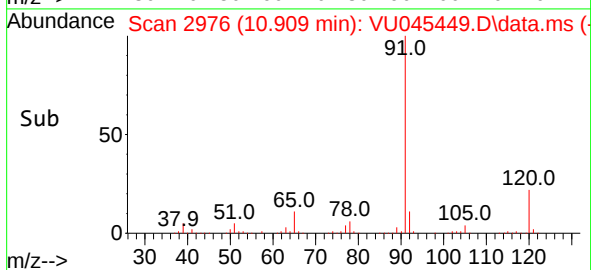
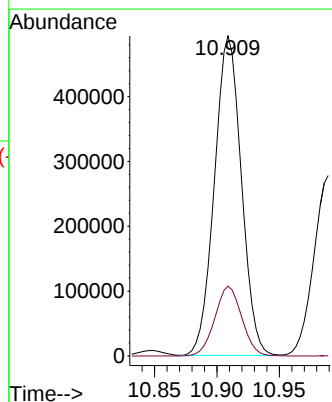
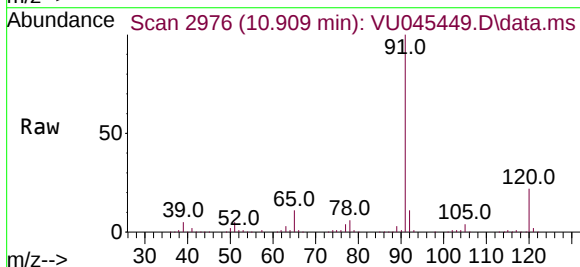
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

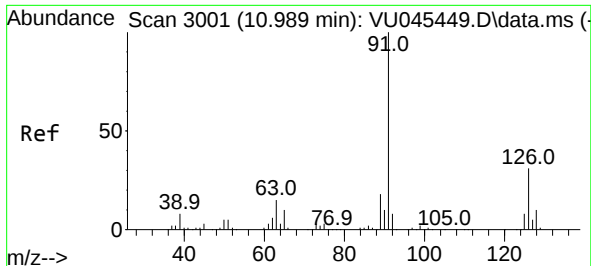
Tgt Ion:156 Resp: 138669
Ion Ratio Lower Upper
156 100
77 182.3 91.1 273.4
158 95.7 47.9 143.6



#78
n-propylbenzene
Concen: 49.811 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

Tgt Ion: 91 Resp: 740679
Ion Ratio Lower Upper
91 100
120 21.8 10.9 32.7





#79

2-Chlorotoluene

Concen: 47.067 ug/l

RT: 10.989 min Scan# 3001

Delta R.T. 0.000 min

Lab File: VU045449.D

Acq: 28 Oct 2021 20:26

Instrument :

MSVOA_U

ClientSampleId :

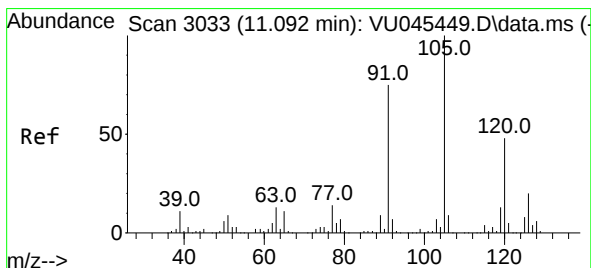
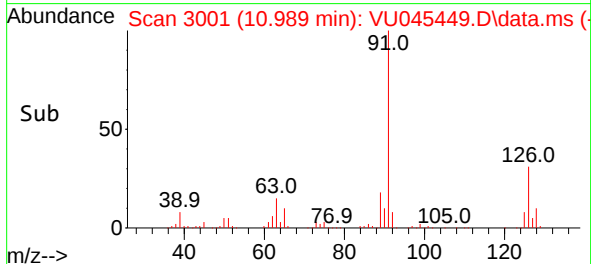
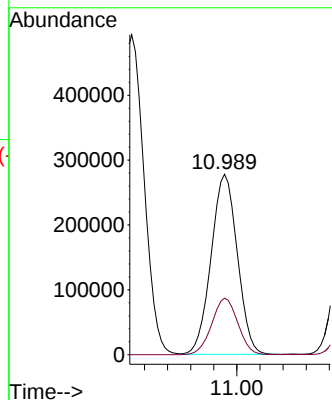
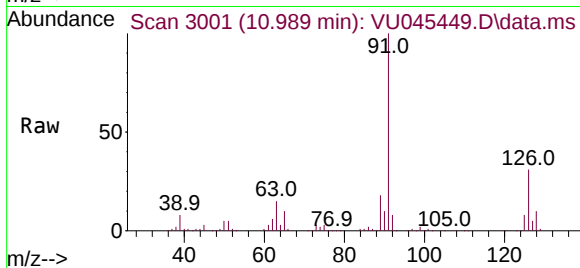
VSTDICCC050

Tgt Ion: 91 Resp: 437141

Ion Ratio Lower Upper

91 100

126 31.2 15.6 46.8



#80

1,3,5-Trimethylbenzene

Concen: 48.734 ug/l

RT: 11.092 min Scan# 3033

Delta R.T. 0.000 min

Lab File: VU045449.D

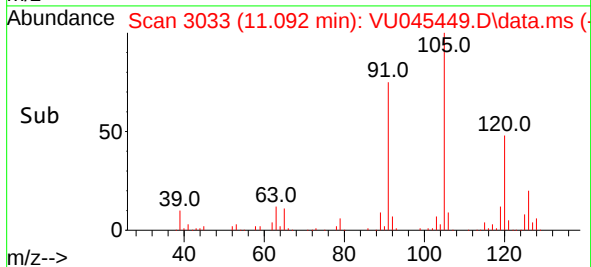
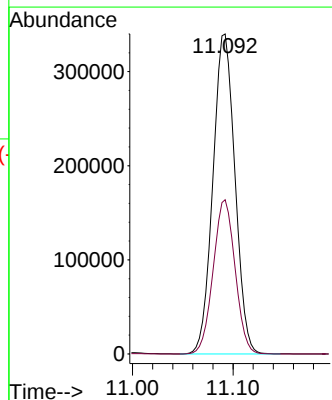
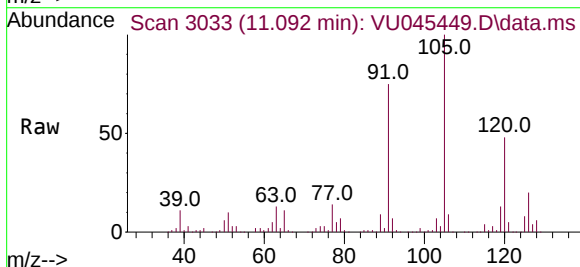
Acq: 28 Oct 2021 20:26

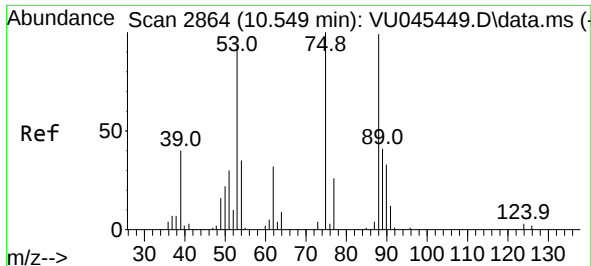
Tgt Ion: 105 Resp: 518395

Ion Ratio Lower Upper

105 100

120 47.9 23.9 71.8

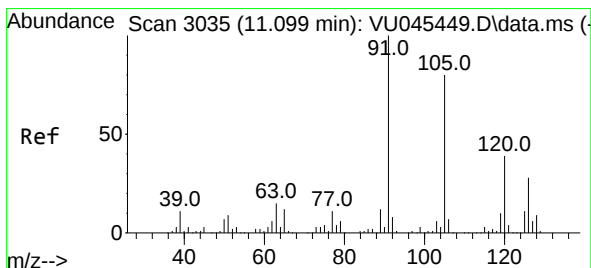
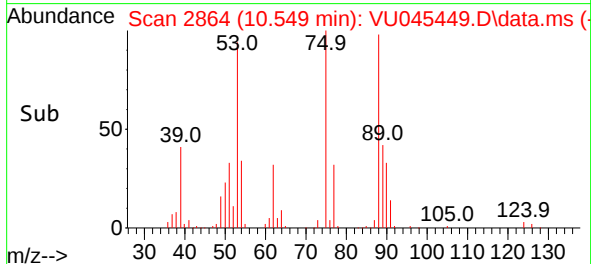
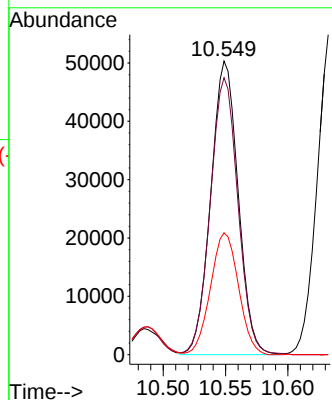
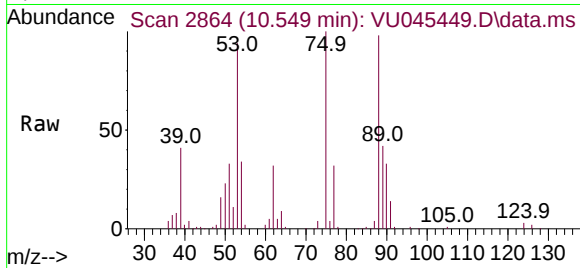




#81
trans-1,4-Dichloro-2-butene
Concen: 45.774 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

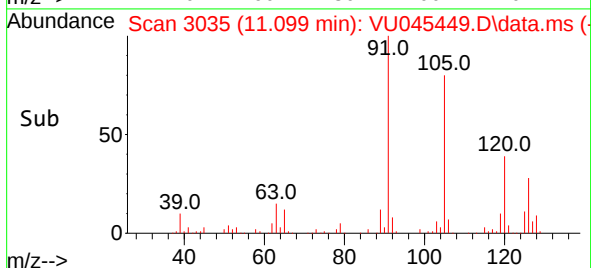
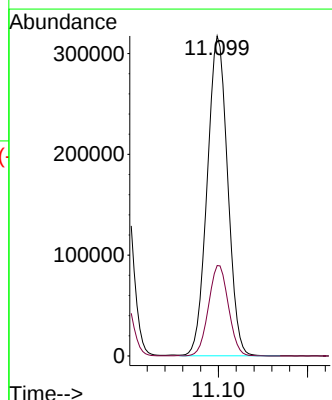
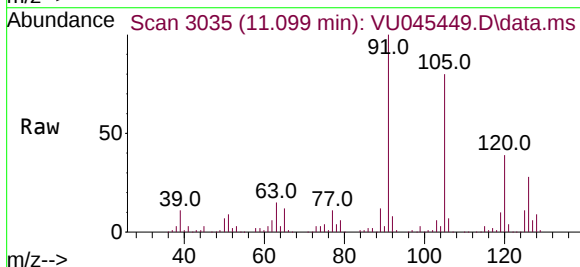
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

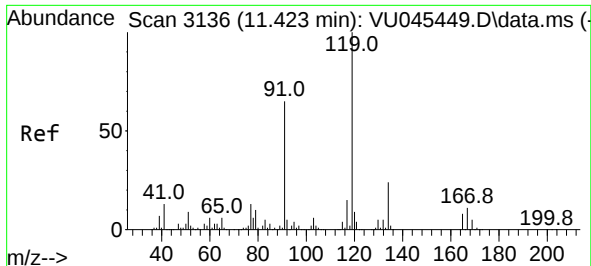
Tgt Ion: 75 Resp: 76957
Ion Ratio Lower Upper
75 100
53 95.3 76.2 114.4
89 42.5 34.0 51.0



#82
4-Chlorotoluene
Concen: 48.029 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

Tgt Ion: 91 Resp: 503334
Ion Ratio Lower Upper
91 100
126 27.6 13.8 41.4

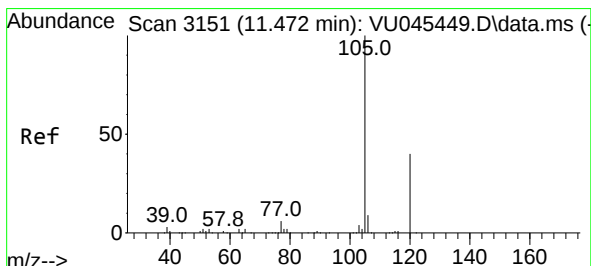
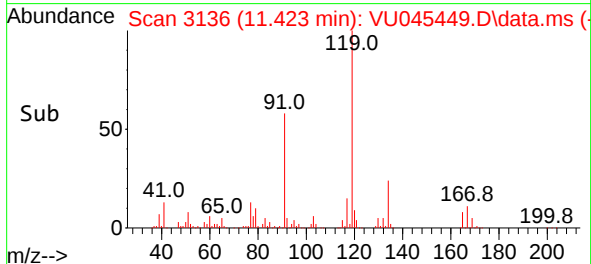
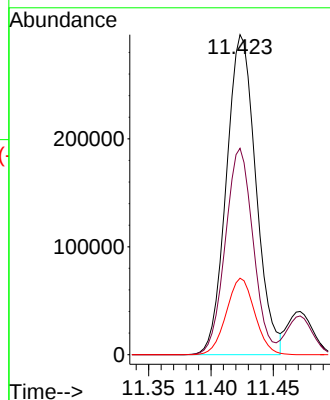
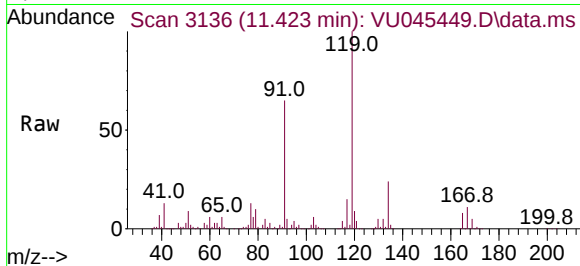




#83
tert-Butylbenzene
Concen: 47.409 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

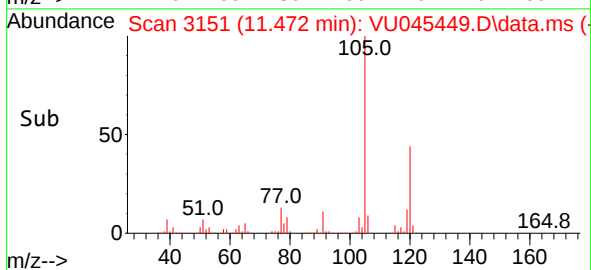
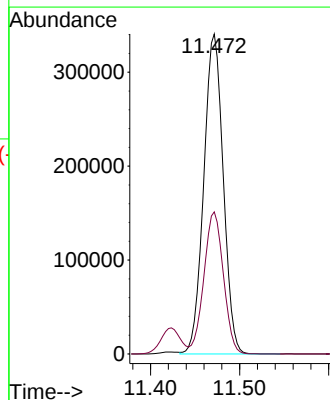
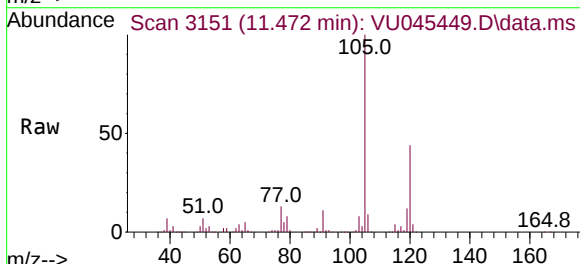
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

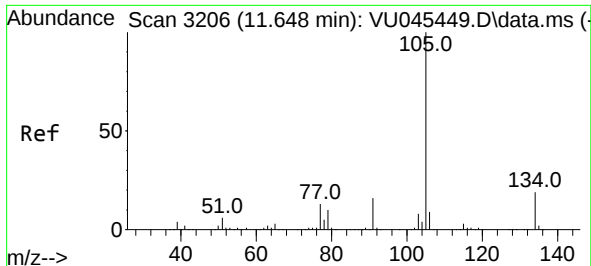
Tgt Ion:119 Resp: 488832
Ion Ratio Lower Upper
119 100
91 61.0 30.5 91.5
134 23.0 11.5 34.5



#84
1,2,4-Trimethylbenzene
Concen: 49.246 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

Tgt Ion:105 Resp: 517409
Ion Ratio Lower Upper
105 100
120 44.4 22.2 66.6

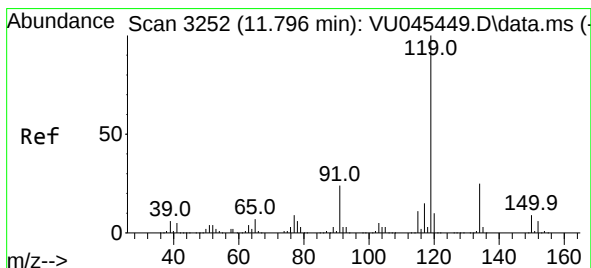
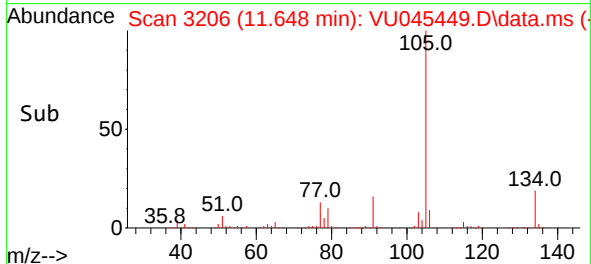
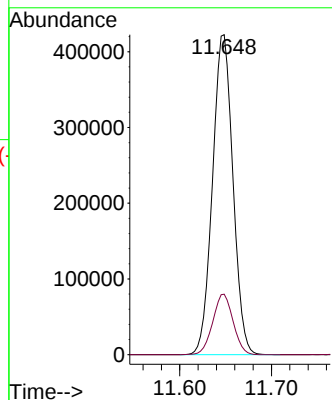
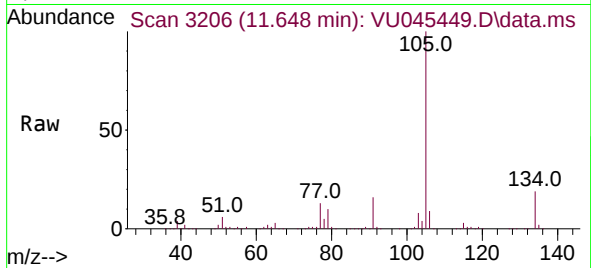




#85
 sec-Butylbenzene
 Concen: 48.969 ug/l
 RT: 11.648 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU045449.D
 Acq: 28 Oct 2021 20:26

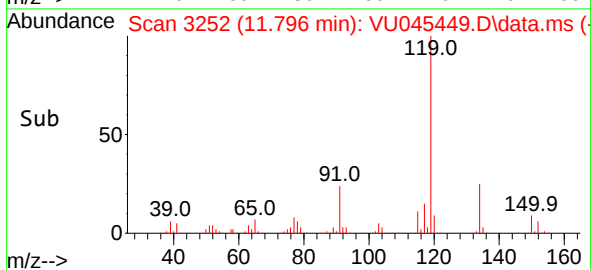
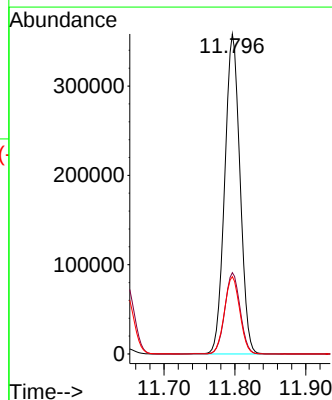
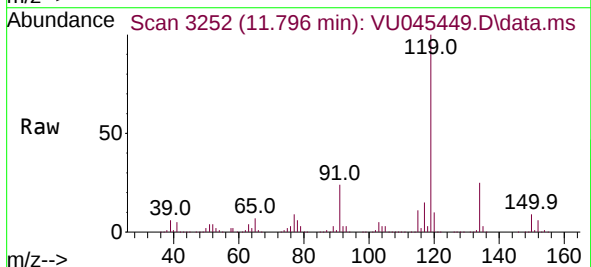
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

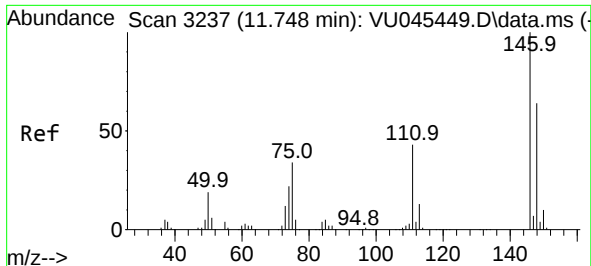
Tgt Ion:105 Resp: 651813
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.4 28.3



#86
 p-Isopropyltoluene
 Concen: 50.039 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU045449.D
 Acq: 28 Oct 2021 20:26

Tgt Ion:119 Resp: 535494
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.7 38.1
 91 24.3 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 47.309 ug/l

RT: 11.748 min Scan# 3237

Delta R.T. 0.000 min

Lab File: VU045449.D

Acq: 28 Oct 2021 20:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

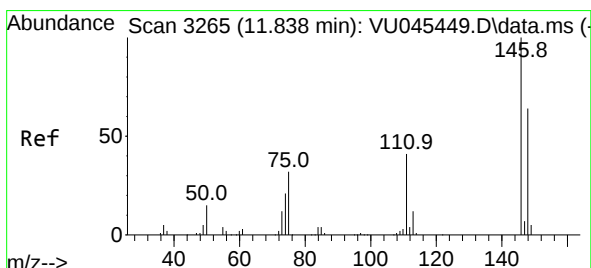
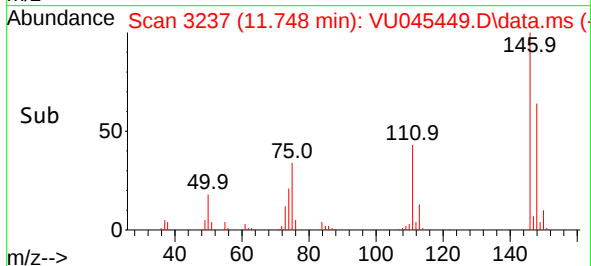
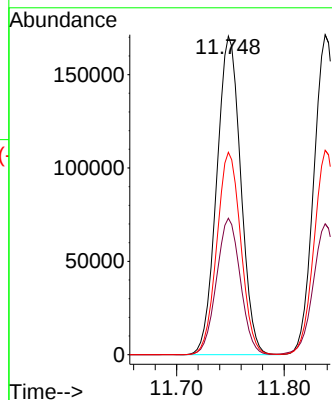
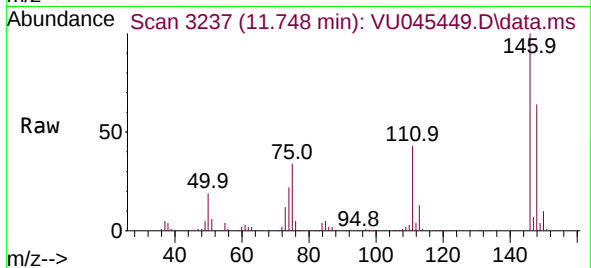
Tgt Ion:146 Resp: 264897

Ion Ratio Lower Upper

146 100

111 42.6 21.3 63.9

148 63.4 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 46.679 ug/l

RT: 11.838 min Scan# 3265

Delta R.T. 0.000 min

Lab File: VU045449.D

Acq: 28 Oct 2021 20:26

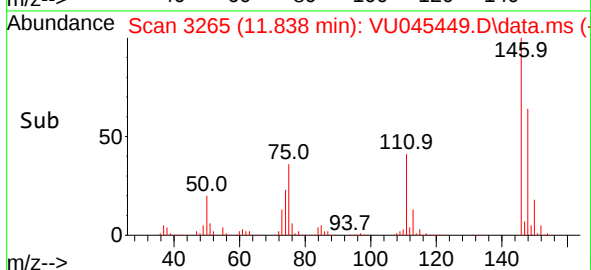
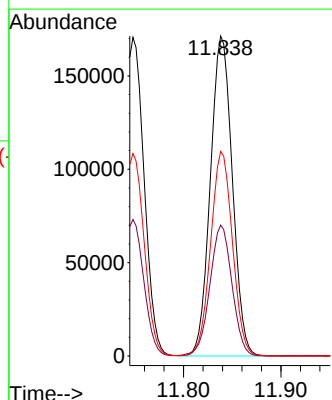
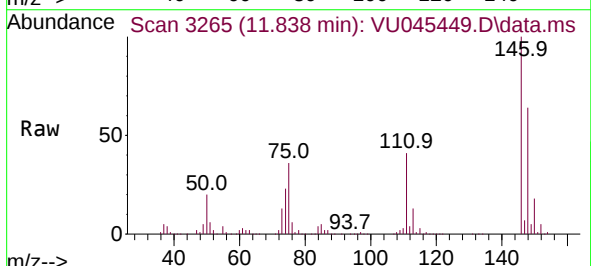
Tgt Ion:146 Resp: 267783

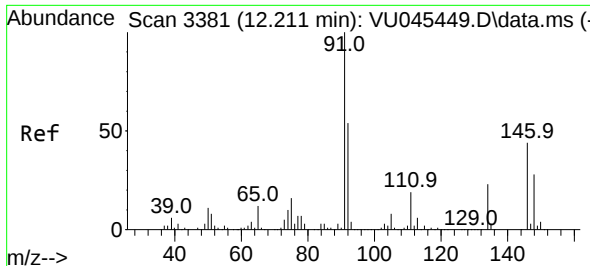
Ion Ratio Lower Upper

146 100

111 41.3 20.6 61.9

148 63.8 31.9 95.7

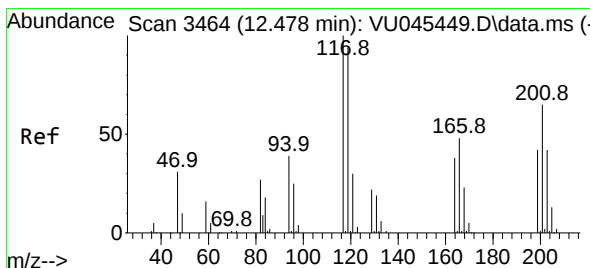
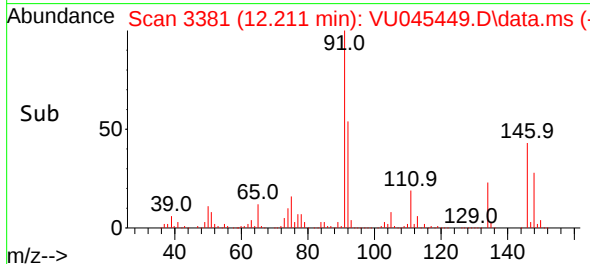
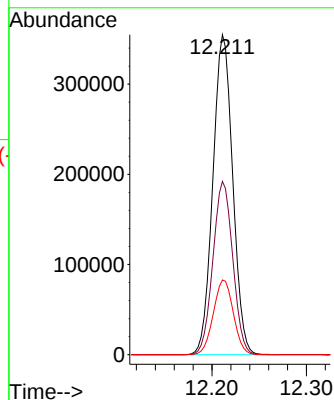
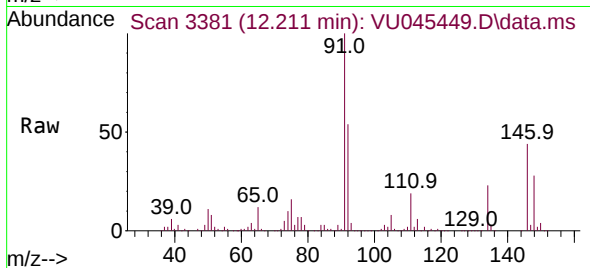




#89
n-Butylbenzene
Concen: 52.058 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

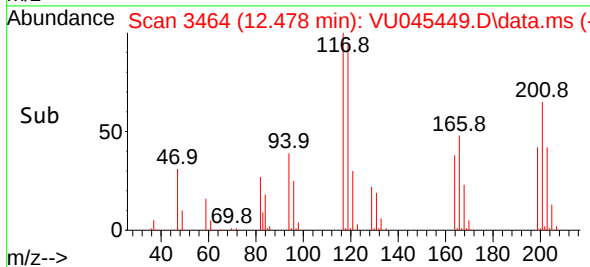
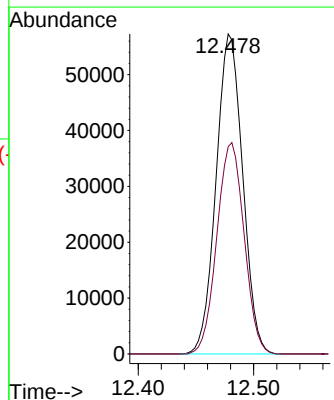
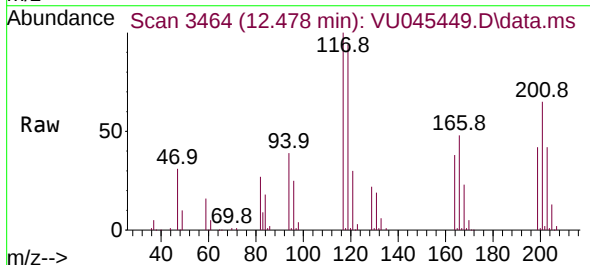
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

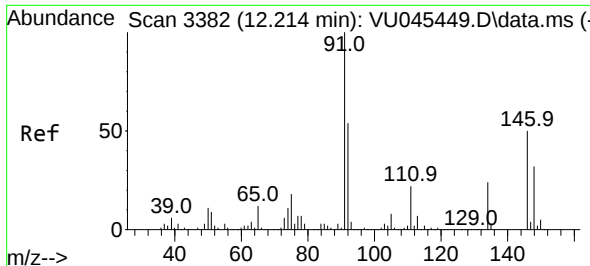
Tgt Ion: 91 Resp: 516964
Ion Ratio Lower Upper
91 100
92 54.1 27.1 81.2
134 23.6 11.8 35.4



#90
Hexachloroethane
Concen: 47.509 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

Tgt Ion: 117 Resp: 91686
Ion Ratio Lower Upper
117 100
201 67.6 33.8 101.4

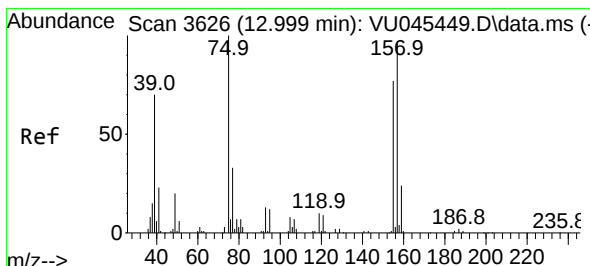
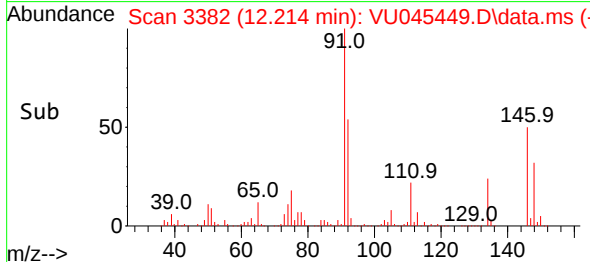
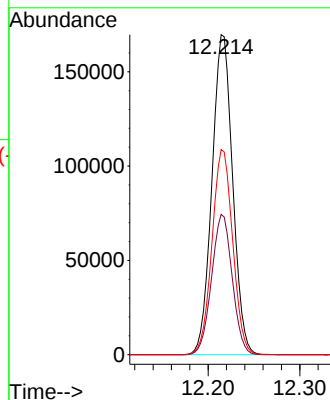
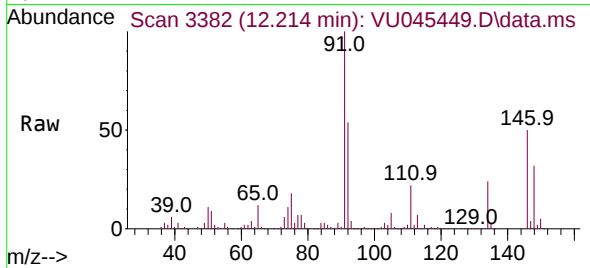




#91
1,2-Dichlorobenzene
Concen: 46.554 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

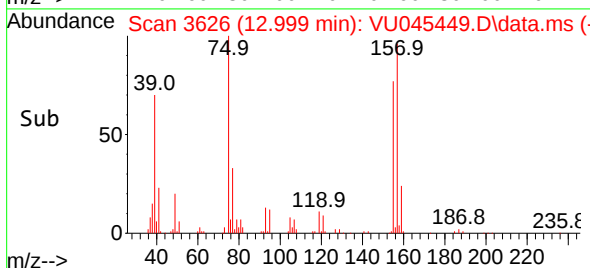
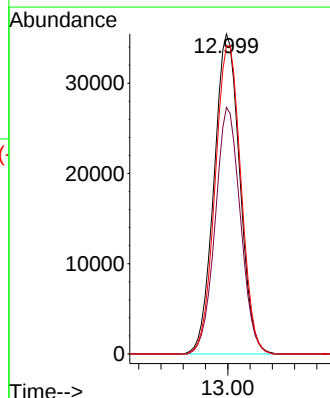
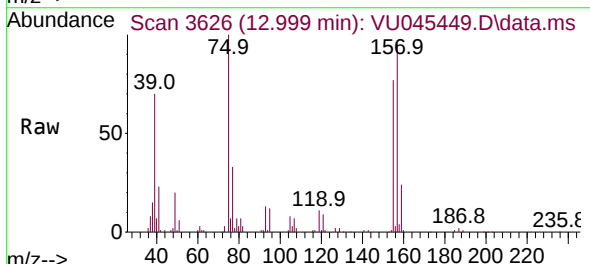
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

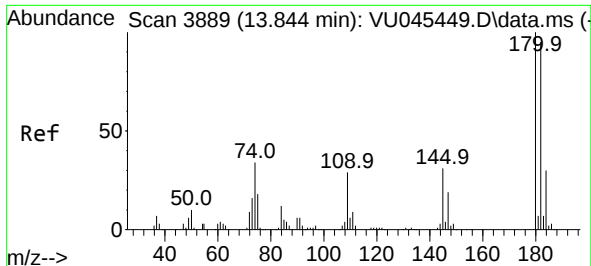
Tgt Ion:146 Resp: 265961
Ion Ratio Lower Upper
146 100
111 43.7 21.9 65.5
148 64.2 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.378 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

Tgt Ion: 75 Resp: 56955
Ion Ratio Lower Upper
75 100
155 75.5 37.8 113.3
157 96.8 48.4 145.2





#93

1,2,4-Trichlorobenzene

Concen: 55.328 ug/l

RT: 13.844 min Scan# 3889

Delta R.T. 0.000 min

Lab File: VU045449.D

Acq: 28 Oct 2021 20:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

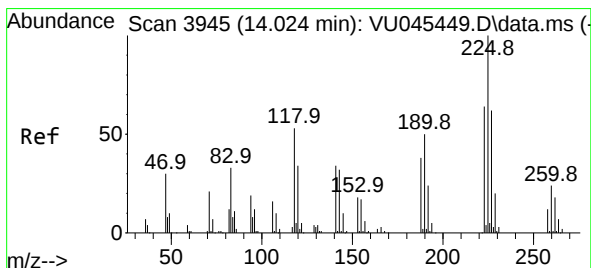
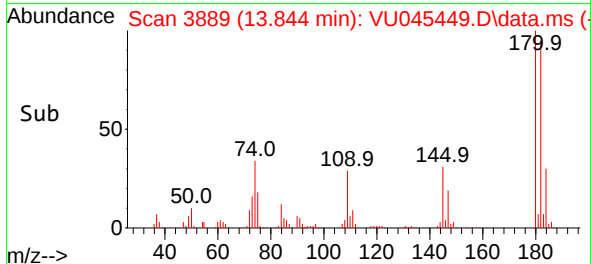
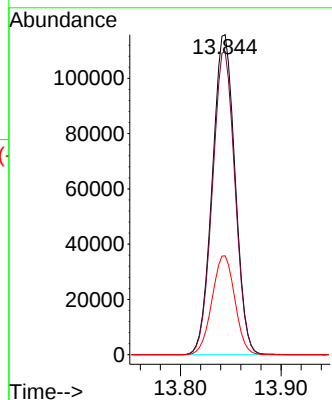
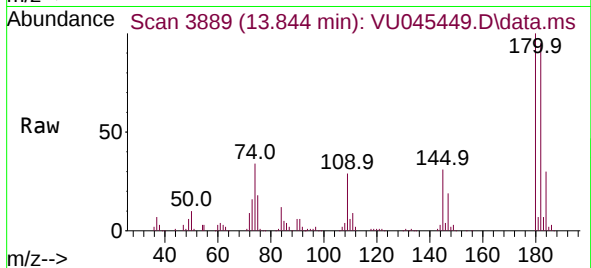
Tgt Ion:180 Resp: 181705

Ion Ratio Lower Upper

180 100

182 94.1 47.0 141.2

145 31.1 15.6 46.7



#94

Hexachlorobutadiene

Concen: 50.287 ug/l

RT: 14.024 min Scan# 3945

Delta R.T. 0.000 min

Lab File: VU045449.D

Acq: 28 Oct 2021 20:26

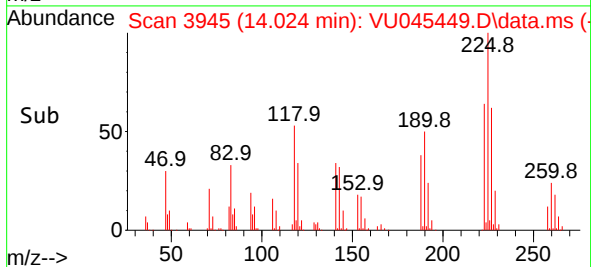
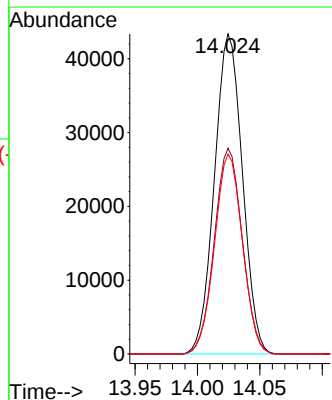
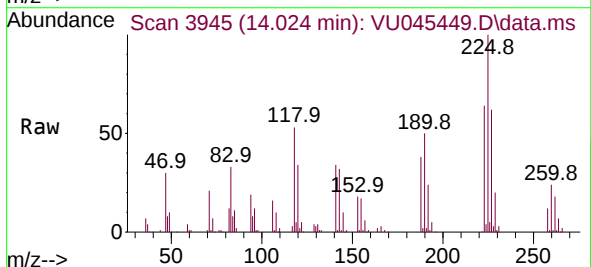
Tgt Ion:225 Resp: 67795

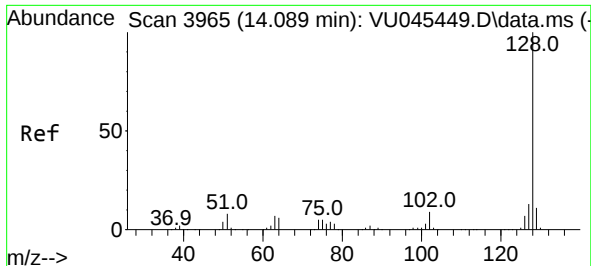
Ion Ratio Lower Upper

225 100

223 64.1 32.0 96.2

227 62.3 31.1 93.5

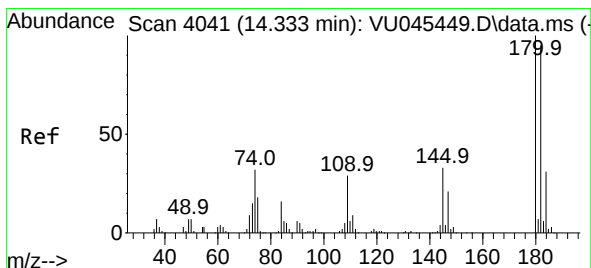
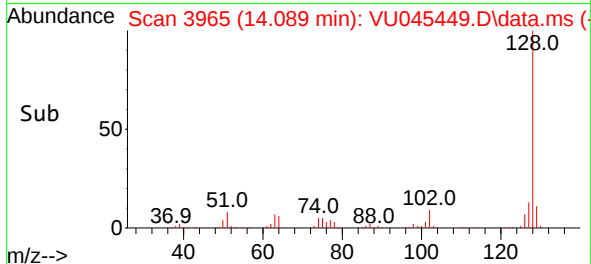
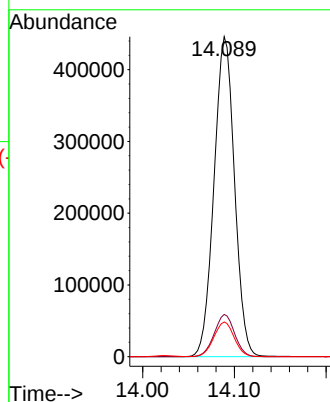
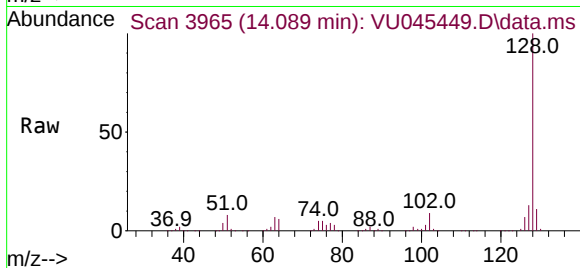




#95
Naphthalene
Concen: 55.801 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion:128	Resp: 692274		
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.6	15.8
129	10.8	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 55.943 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU045449.D
Acq: 28 Oct 2021 20:26

Tgt Ion:180	Resp: 185382
Ion Ratio	Lower Upper
180 100	
182 95.4	47.7 143.1
145 33.3	16.7 50.0

