

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110421\
 Data File : VU045547.D
 Acq On : 04 Nov 2021 01:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 05 13:58:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 11:09:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.379	168	168590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	279054	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	306717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	155981	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	111821	40.741	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	81.480%
35) Dibromofluoromethane	5.295	113	93147	52.496	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.000%
50) Toluene-d8	7.899	98	402244	57.811	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	115.620%#
62) 4-Bromofluorobenzene	10.632	95	140148	52.858	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	115105	46.634	ug/l	99
3) Chloromethane	1.520	50	146514	43.674	ug/l	100
4) Vinyl Chloride	1.607	62	138846	49.856	ug/l	99
5) Bromomethane	1.861	94	66704	39.455	ug/l	100
6) Chloroethane	1.938	64	58990	35.157	ug/l	98
7) Trichlorofluoromethane	2.141	101	103855	33.307	ug/l	99
8) Diethyl Ether	2.379	74	47229	32.669	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.588	101	89460	47.755	ug/l	98
10) Methyl Iodide	2.729	142	54265	33.758	ug/l	99
11) Tert butyl alcohol	3.253	59	144250	243.480	ug/l	97
12) 1,1-Dichloroethene	2.584	96	92917	48.241	ug/l	91
13) Acrolein	2.501	56	31888	240.485	ug/l	99
14) Allyl chloride	2.928	41	180074	50.914	ug/l	96
15) Acrylonitrile	3.324	53	391646	272.659	ug/l	99
16) Acetone	2.649	43	297171	238.490	ug/l	95
17) Carbon Disulfide	2.800	76	279034	49.780	ug/l	99
18) Methyl Acetate	2.954	43	241738	52.097	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	363997	51.363	ug/l	100
20) Methylene Chloride	3.051	84	118682	47.799	ug/l	99
21) trans-1,2-Dichloroethene	3.359	96	106273	51.201	ug/l	97
22) Diisopropyl ether	3.999	45	292500	42.291	ug/l	92
23) Vinyl Acetate	3.951	43	1055479	196.738	ug/l	98
24) 1,1-Dichloroethane	3.877	63	194237	47.926	ug/l	100
25) 2-Butanone	4.713	43	395498	210.250	ug/l	93
26) 2,2-Dichloropropane	4.668	77	118524	37.749	ug/l	95
27) cis-1,2-Dichloroethene	4.671	96	107443	44.985	ug/l	92
28) Bromochloromethane	4.980	49	64559	32.294	ug/l #	81
29) Tetrahydrofuran	5.057	42	280587	230.006	ug/l	96
30) Chloroform	5.092	83	180083	45.825	ug/l	100
31) Cyclohexane	5.395	56	177361	43.403	ug/l	99
32) 1,1,1-Trichloroethane	5.321	97	130091	40.336	ug/l	96
36) 1,1-Dichloropropene	5.530	75	103456	38.946	ug/l	95
37) Ethyl Acetate	4.809	43	146694	45.599	ug/l	95
38) Carbon Tetrachloride	5.530	117	98740	42.621	ug/l	99
39) Methylcyclohexane	6.768	83	164467	49.788	ug/l	96
40) Benzene	5.780	78	403241	50.429	ug/l	99

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 ALS Vial : 34 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTDC0050EC

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	70564	41.446	ug/l	92
42) 1,2-Dichloroethane	5.797	62	130328	44.377	ug/l	95
43) Isopropyl Acetate	5.912	43	242709	50.061	ug/l	96
44) Trichloroethene	6.542	130	95086	51.306	ug/l	96
45) 1,2-Dichloropropane	6.793	63	103440	49.154	ug/l	99
46) Dibromomethane	6.922	93	71878	52.457	ug/l	96
47) Bromodichloromethane	7.108	83	112123	41.579	ug/l	96
48) Methyl methacrylate	6.960	41	111314	48.440	ug/l	92
49) 1,4-Dioxane	7.034	88	63779	1092.075	ug/l #	95
51) 4-Methyl-2-Pentanone	7.793	43	847922	270.591	ug/l	97
52) Toluene	7.973	92	270878	55.727	ug/l	99
53) t-1,3-Dichloropropene	8.214	75	165759	53.931	ug/l	100
54) cis-1,3-Dichloropropene	7.610	75	179949	54.670	ug/l	94
55) 1,1,2-Trichloroethane	8.404	97	93412	47.047	ug/l	96
56) Ethyl methacrylate	8.333	69	185097	50.916	ug/l	94
57) 1,3-Dichloropropane	8.578	76	163081	46.271	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	463805	254.847	ug/l	97
59) 2-Hexanone	8.687	43	661914	272.632	ug/l	96
60) Dibromochloromethane	8.813	129	102560	53.822	ug/l	99
61) 1,2-Dibromoethane	8.925	107	113362	54.509	ug/l	98
64) Tetrachloroethene	8.555	164	82912	47.290	ug/l	98
65) Chlorobenzene	9.449	112	270336	46.487	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.539	131	94621	48.226	ug/l	97
67) Ethyl Benzene	9.571	91	498529	46.799	ug/l	99
68) m/p-Xylenes	9.697	106	383349	95.334	ug/l	98
69) o-Xylene	10.102	106	149818	38.210	ug/l	94
70) Styrene	10.115	104	257218	35.762	ug/l	96
71) Bromoform	10.292	173	69055	39.353	ug/l #	98
73) Isopropylbenzene	10.488	105	445681	42.375	ug/l	100
74) N-amyl acetate	10.320	43	155264	28.959	ug/l	92
75) 1,1,2,2-Tetrachloroethane	10.783	83	186394	44.652	ug/l	99
76) 1,2,3-Trichloropropane	10.828	75	212712	51.183	ug/l	95
77) Bromobenzene	10.783	156	113594	46.289	ug/l	97
78) n-propylbenzene	10.909	91	580824	45.550	ug/l	99
79) 2-Chlorotoluene	10.989	91	344350	44.865	ug/l	98
80) 1,3,5-Trimethylbenzene	11.089	105	417512	47.176	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.549	75	52789	36.276	ug/l	91
82) 4-Chlorotoluene	11.099	91	404822	46.382	ug/l	98
83) tert-Butylbenzene	11.423	119	410434	48.045	ug/l	97
84) 1,2,4-Trimethylbenzene	11.468	105	430235	48.518	ug/l	99
85) sec-Butylbenzene	11.645	105	526258	46.944	ug/l	100
86) p-Isopropyltoluene	11.796	119	434653	43.789	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	223554	46.149	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	213777	43.156	ug/l	99
89) n-Butylbenzene	12.211	91	405370	41.859	ug/l	99
90) Hexachloroethane	12.478	117	72923	45.574	ug/l	96
91) 1,2-Dichlorobenzene	12.214	146	226722	46.795	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	49420	49.291	ug/l	96
93) 1,2,4-Trichlorobenzene	13.841	180	154796	47.709	ug/l	98
94) Hexachlorobutadiene	14.021	225	56809	48.088	ug/l	99
95) Naphthalene	14.089	128	606468	47.284	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	159869	48.882	ug/l	99

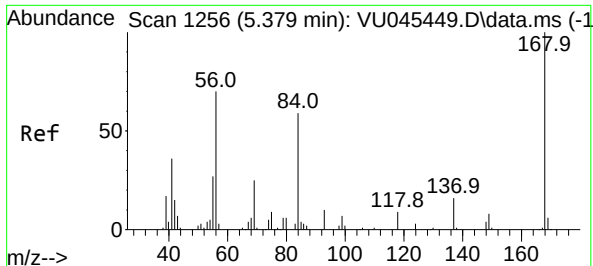
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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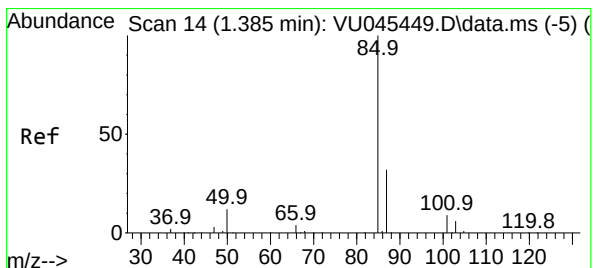
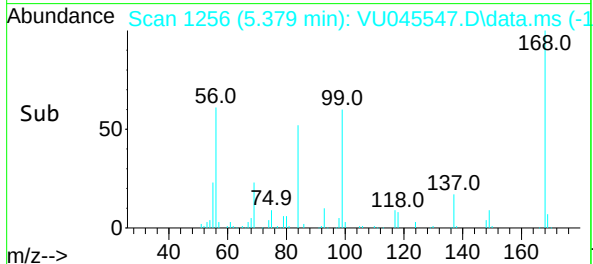
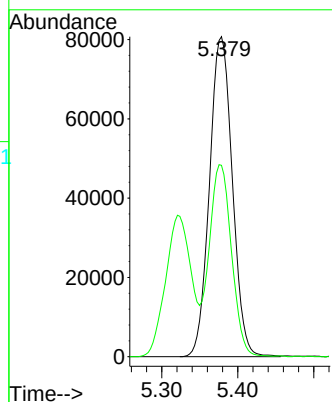
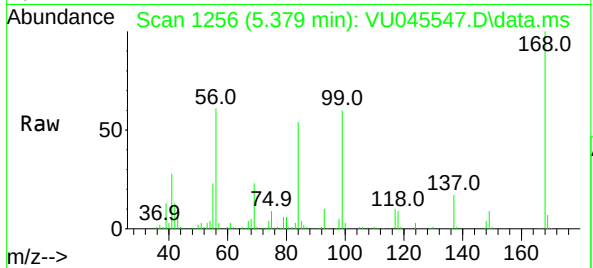
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045547.D
Acq: 04 Nov 2021 01:54

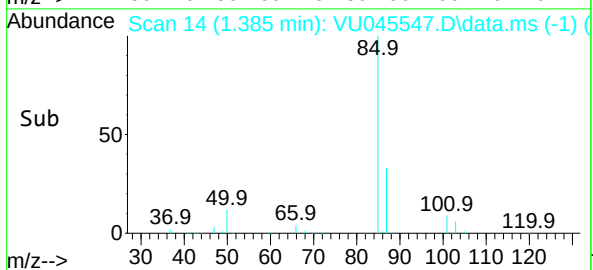
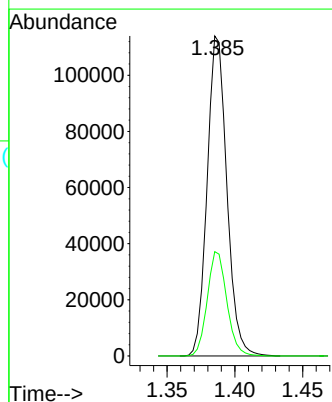
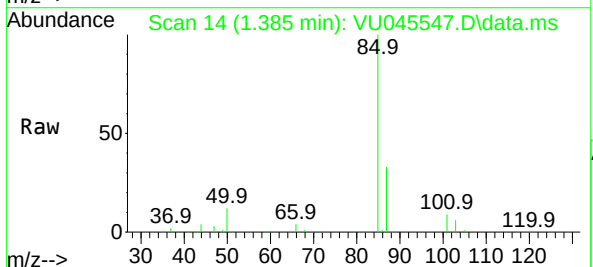
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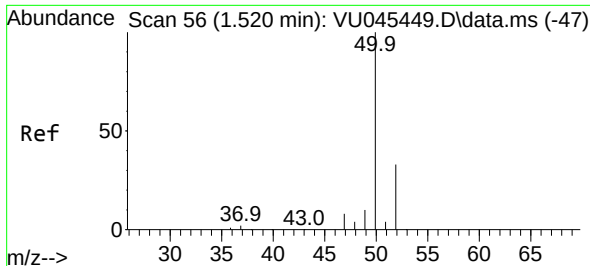
Tgt Ion:168 Resp: 168590
Ion Ratio Lower Upper
168 100
99 59.6 51.0 76.6



#2
Dichlorodifluoromethane
Concen: 46.634 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045547.D
Acq: 04 Nov 2021 01:54

Tgt Ion: 85 Resp: 115105
Ion Ratio Lower Upper
85 100
87 32.6 15.9 47.7

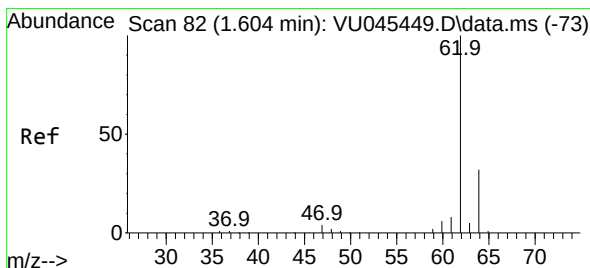
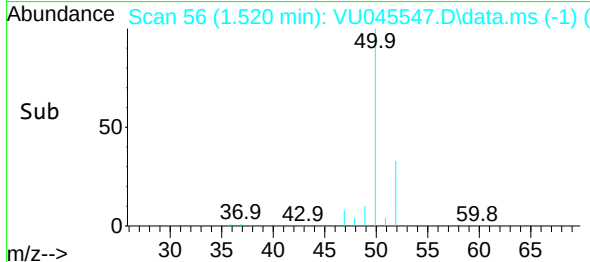
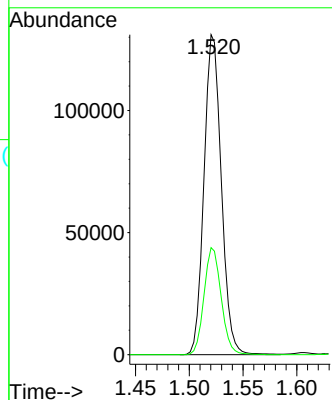
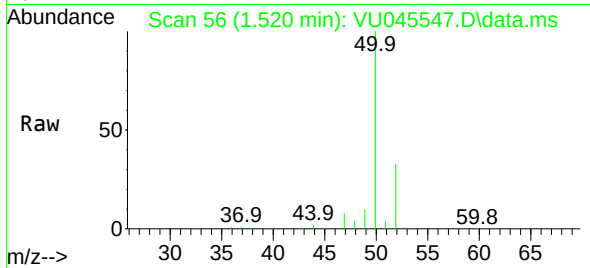




#3
Chloromethane
Concen: 43.674 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU045547.D
Acq: 04 Nov 2021 01:54

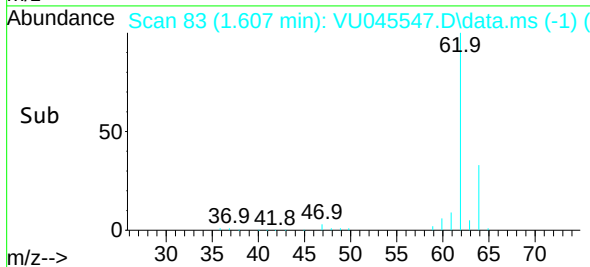
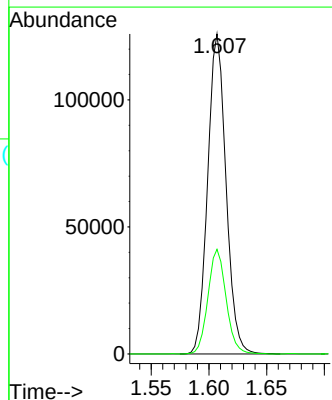
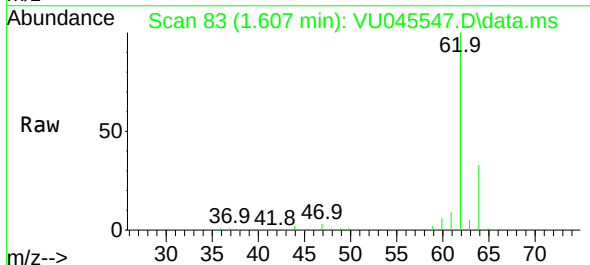
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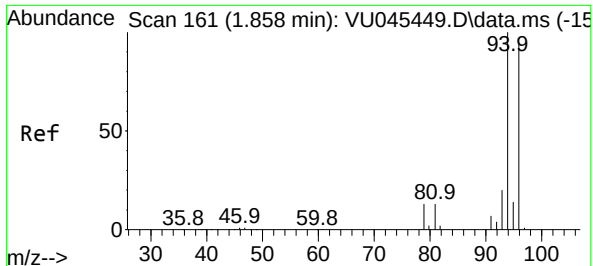
Tgt Ion: 50 Resp: 146514
Ion Ratio Lower Upper
50 100
52 33.5 26.6 40.0



#4
Vinyl Chloride
Concen: 49.856 ug/l
RT: 1.607 min Scan# 83
Delta R.T. 0.003 min
Lab File: VU045547.D
Acq: 04 Nov 2021 01:54

Tgt Ion: 62 Resp: 138846
Ion Ratio Lower Upper
62 100
64 32.7 25.8 38.6





#5

Bromomethane

Concen: 39.455 ug/l

RT: 1.861 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU045547.D

Acq: 04 Nov 2021 01:54

Instrument :

MSVOA_U

ClientSampleId :

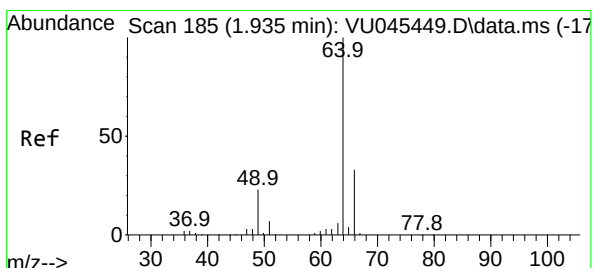
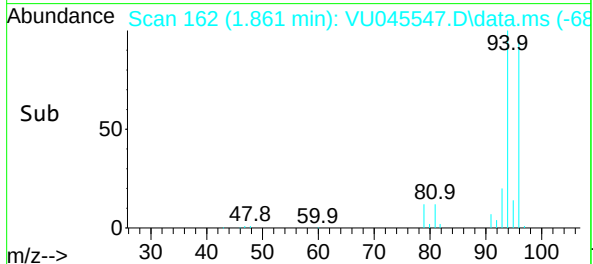
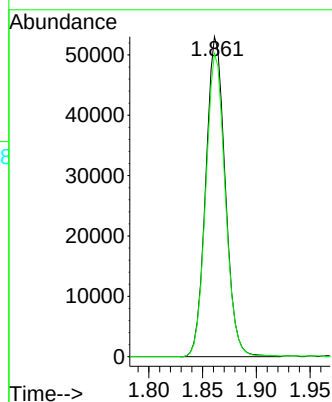
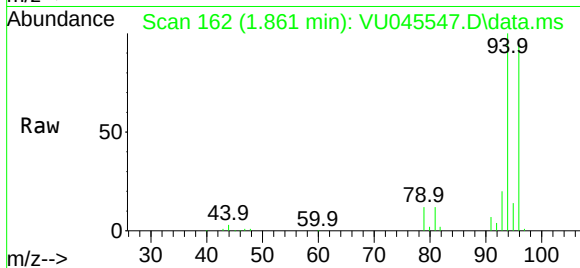
VSTDCCC050EC

Tgt Ion: 94 Resp: 66704

Ion Ratio Lower Upper

94 100

96 94.7 75.4 113.2



#6

Chloroethane

Concen: 35.157 ug/l

RT: 1.938 min Scan# 186

Delta R.T. 0.003 min

Lab File: VU045547.D

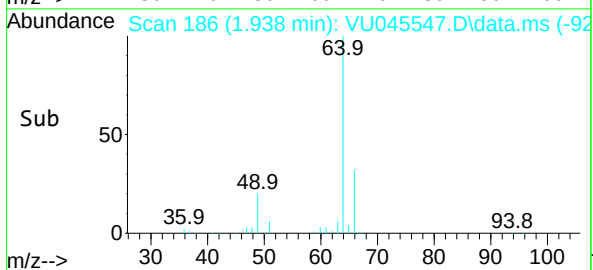
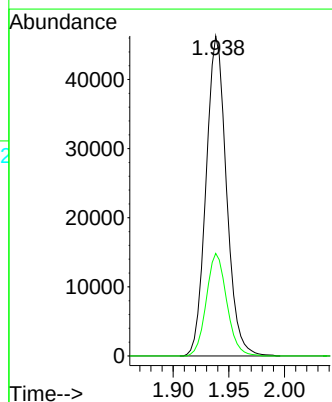
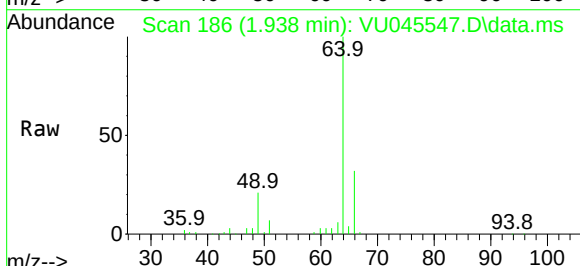
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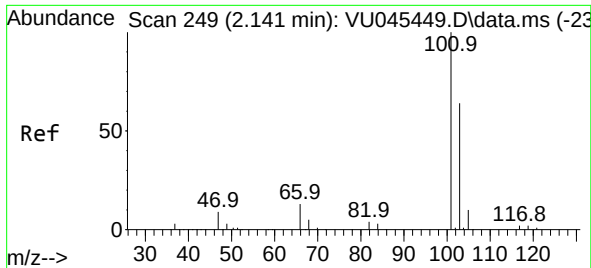
Tgt Ion: 64 Resp: 58990

Ion Ratio Lower Upper

64 100

66 32.0 26.7 40.1

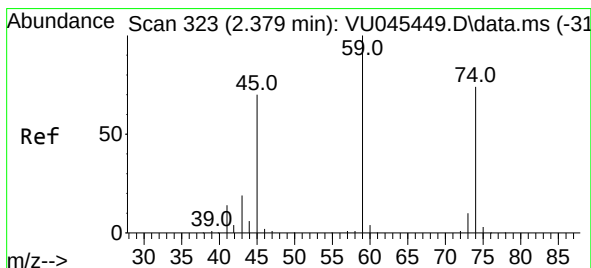
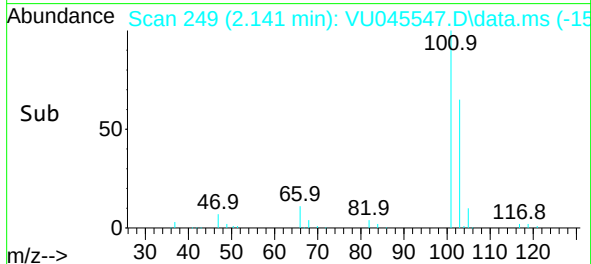
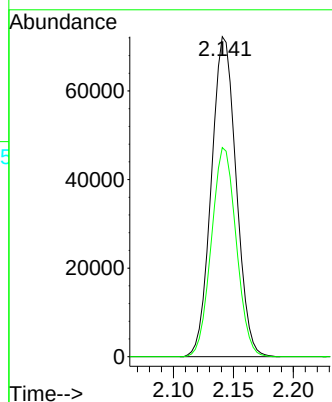
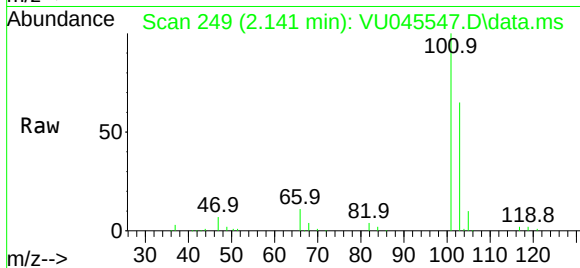




#7
 Trichlorofluoromethane
 Concen: 33.307 ug/l
 RT: 2.141 min Scan# 249
 Delta R.T. 0.000 min
 Lab File: VU045547.D
 Acq: 04 Nov 2021 01:54

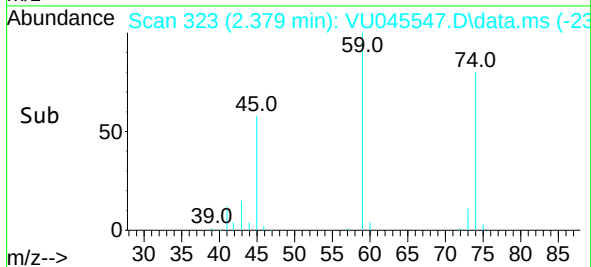
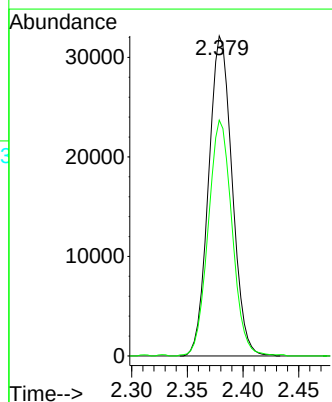
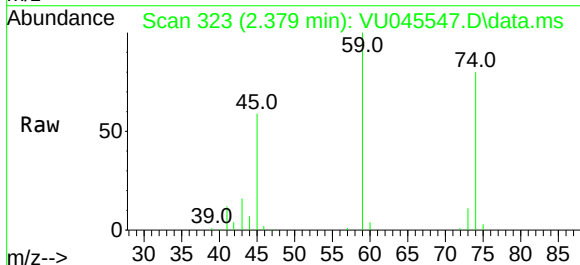
Instrument :
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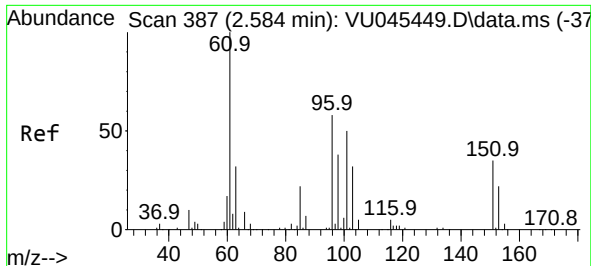
Tgt Ion:101 Resp: 103855
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.4 77.0



#8
 Diethyl Ether
 Concen: 32.669 ug/l
 RT: 2.379 min Scan# 323
 Delta R.T. 0.000 min
 Lab File: VU045547.D
 Acq: 04 Nov 2021 01:54

Tgt Ion: 74 Resp: 47229
 Ion Ratio Lower Upper
 74 100
 45 74.7 47.3 141.8

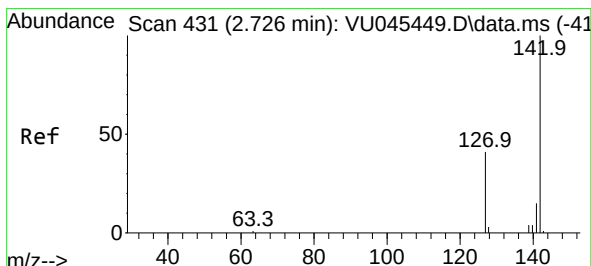
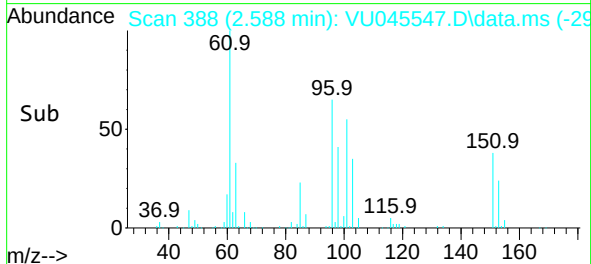
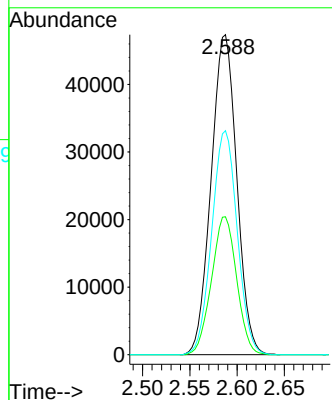
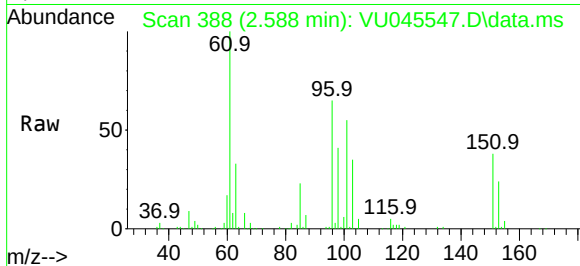




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.755 ug/l
RT: 2.588 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU045547.D
Acq: 04 Nov 2021 01:54

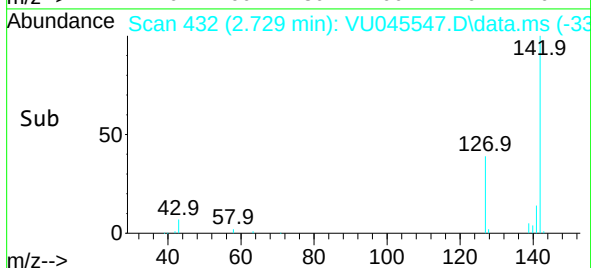
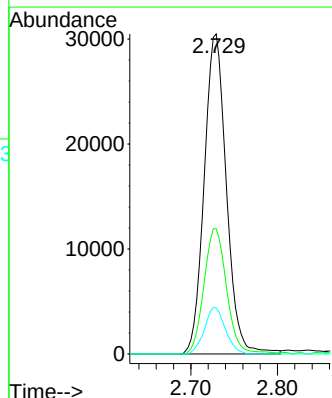
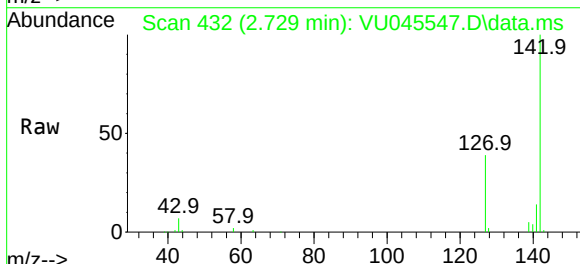
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

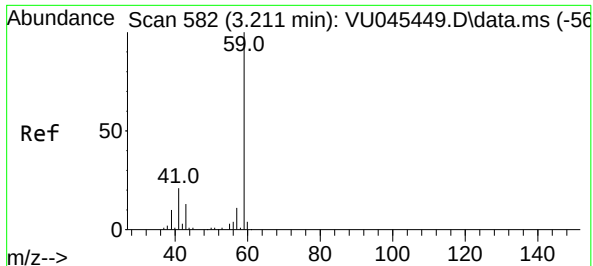
Tgt Ion:101 Resp: 89460
Ion Ratio Lower Upper
101 100
85 42.2 35.0 52.4
151 69.7 54.6 82.0



#10
Methyl Iodide
Concen: 33.758 ug/l
RT: 2.729 min Scan# 432
Delta R.T. 0.003 min
Lab File: VU045547.D
Acq: 04 Nov 2021 01:54

Tgt Ion:142 Resp: 54265
Ion Ratio Lower Upper
142 100
127 40.0 32.2 48.2
141 13.7 11.3 16.9





#11

Tert butyl alcohol

Concen: 243.480 ug/l

RT: 3.253 min Scan# 59

Delta R.T. 0.042 min

Lab File: VU045547.D

Acq: 04 Nov 2021 01:54

Instrument :

MSVOA_U

ClientSampleId :

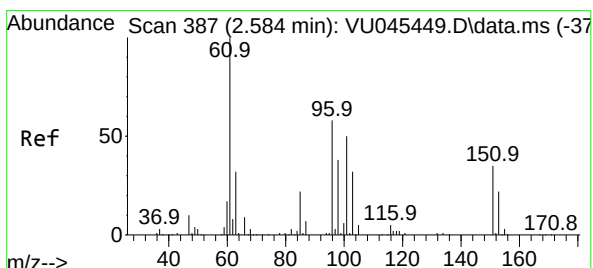
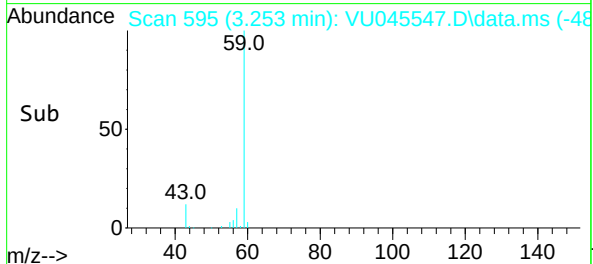
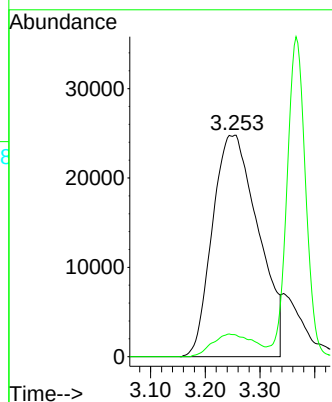
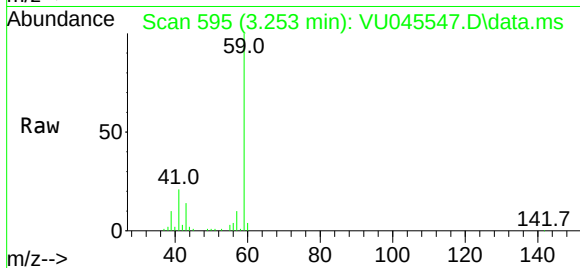
VSTDCCC050EC

Tgt Ion: 59 Resp: 144250

Ion Ratio Lower Upper

59 100

57 9.2 8.3 12.5



#12

1,1-Dichloroethene

Concen: 48.241 ug/l

RT: 2.584 min Scan# 387

Delta R.T. 0.000 min

Lab File: VU045547.D

Acq: 04 Nov 2021 01:54

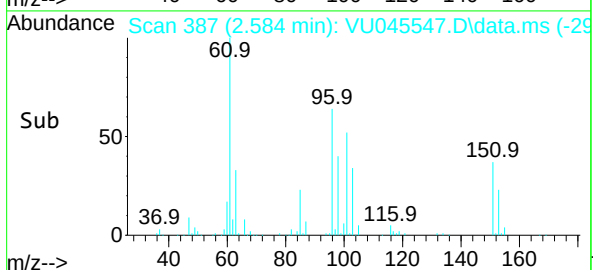
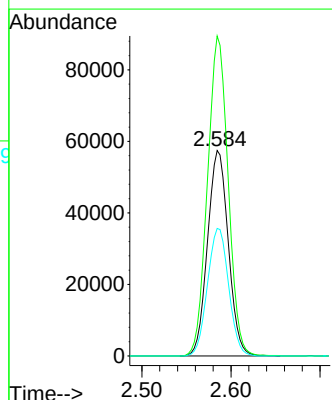
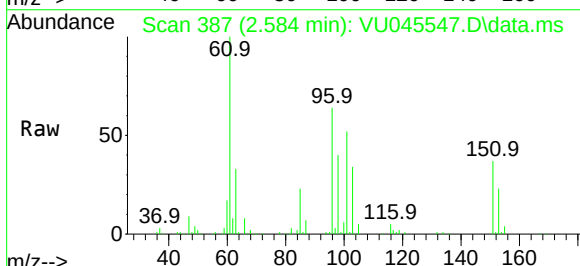
Tgt Ion: 96 Resp: 92917

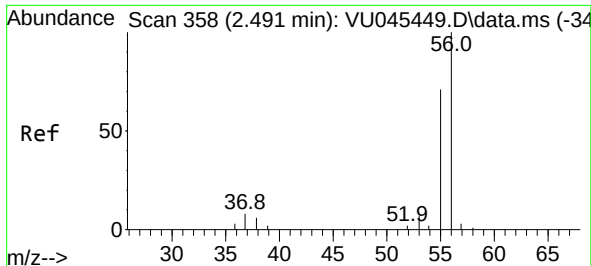
Ion Ratio Lower Upper

96 100

61 155.7 137.1 205.7

98 62.0 51.5 77.3





#13

Acrolein

Concen: 240.485 ug/l

RT: 2.501 min Scan# 3

Delta R.T. 0.010 min

Lab File: VU045547.D

Acq: 04 Nov 2021 01:54

Instrument :

MSVOA_U

ClientSampleId :

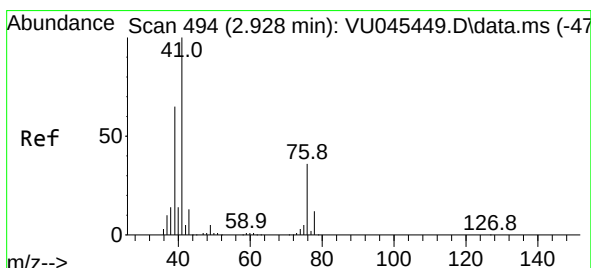
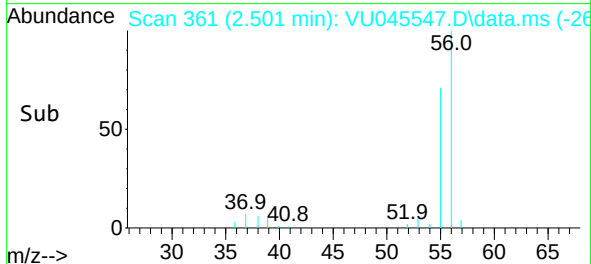
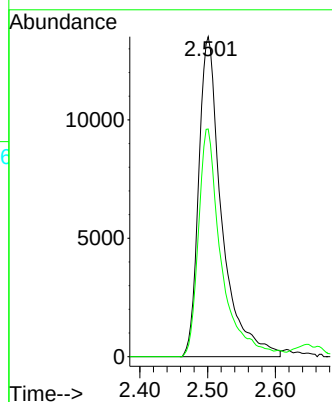
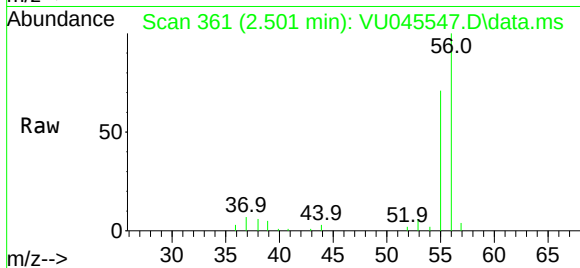
VSTDCCC050EC

Tgt Ion: 56 Resp: 31888

Ion Ratio Lower Upper

56 100

55 70.0 56.3 84.5



#14

Allyl chloride

Concen: 50.914 ug/l

RT: 2.928 min Scan# 494

Delta R.T. 0.000 min

Lab File: VU045547.D

Acq: 04 Nov 2021 01:54

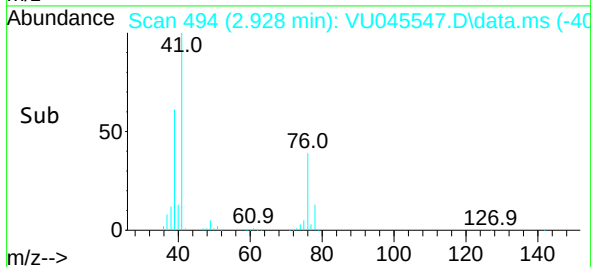
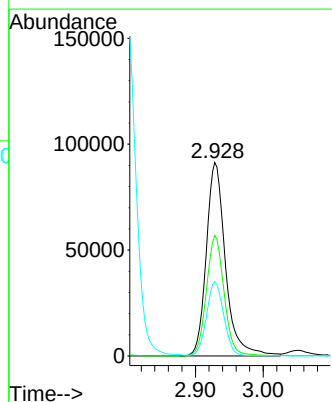
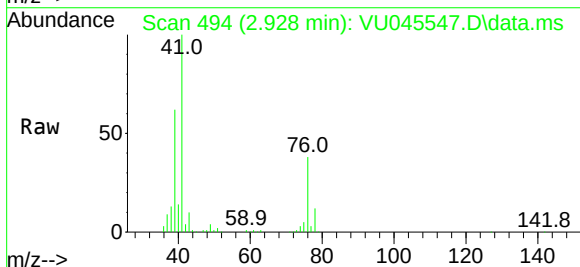
Tgt Ion: 41 Resp: 180074

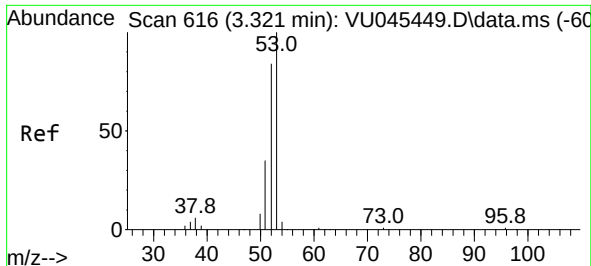
Ion Ratio Lower Upper

41 100

39 57.3 49.7 74.5

76 34.2 27.7 41.5

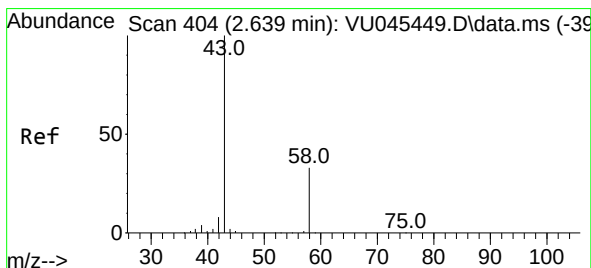
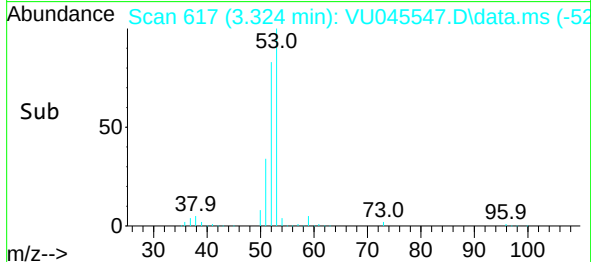
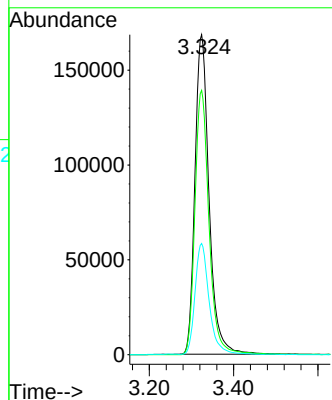
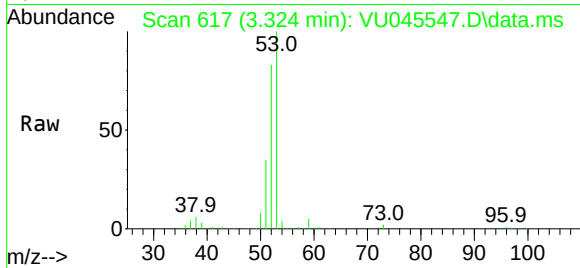




#15
Acrylonitrile
Concen: 272.659 ug/l
RT: 3.324 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU045547.D
Acq: 04 Nov 2021 01:54

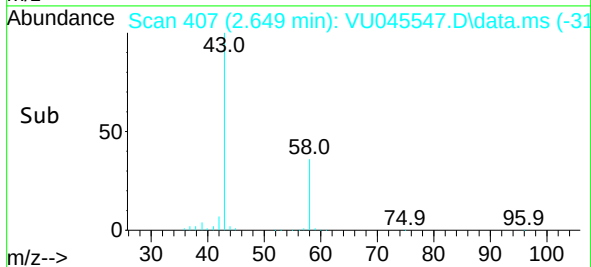
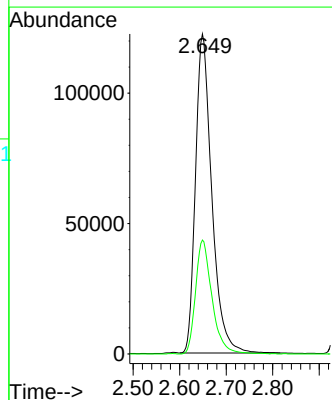
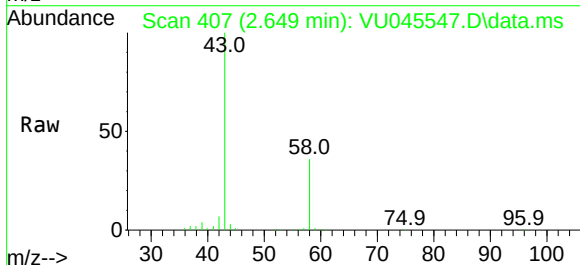
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

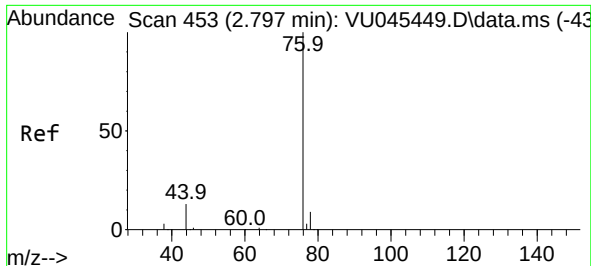
Tgt Ion: 53 Resp: 391646
Ion Ratio Lower Upper
53 100
52 82.6 66.6 100.0
51 34.7 28.4 42.6



#16
Acetone
Concen: 238.490 ug/l
RT: 2.649 min Scan# 407
Delta R.T. 0.010 min
Lab File: VU045547.D
Acq: 04 Nov 2021 01:54

Tgt Ion: 43 Resp: 297171
Ion Ratio Lower Upper
43 100
58 35.7 26.2 39.2





#17

Carbon Disulfide

Concen: 49.780 ug/l

RT: 2.800 min Scan# 4

Delta R.T. 0.003 min

Lab File: VU045547.D

Acq: 04 Nov 2021 01:54

Instrument :

MSVOA_U

ClientSampleId :

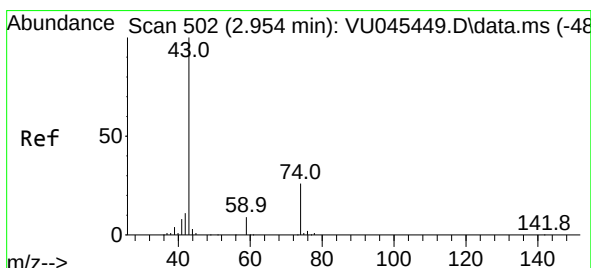
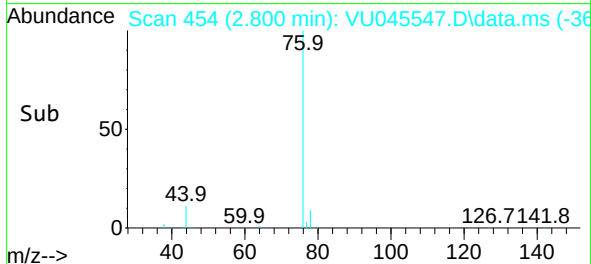
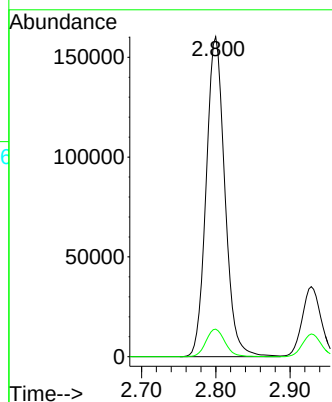
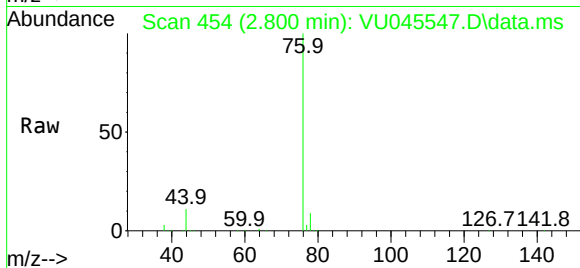
VSTDCCC050EC

Tgt Ion: 76 Resp: 279034

Ion Ratio Lower Upper

76 100

78 8.6 7.3 10.9



#18

Methyl Acetate

Concen: 52.097 ug/l

RT: 2.954 min Scan# 502

Delta R.T. 0.000 min

Lab File: VU045547.D

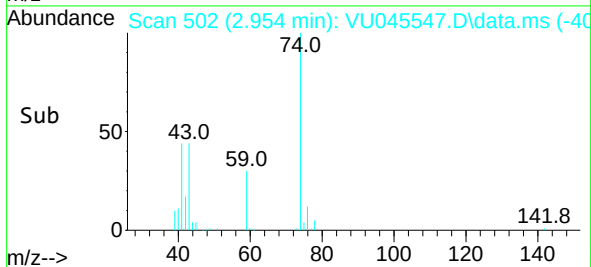
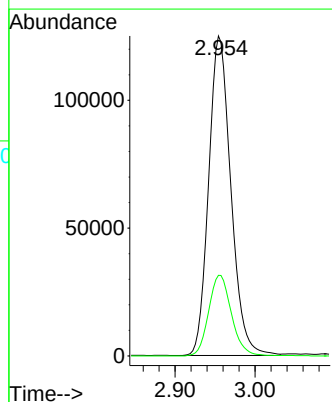
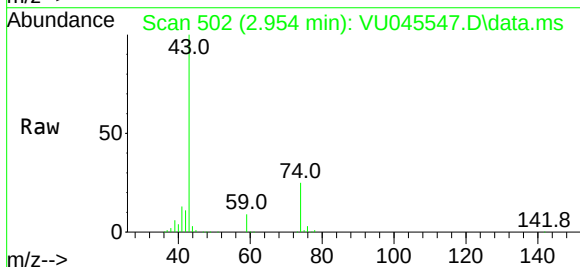
Acq: 04 Nov 2021 01:54

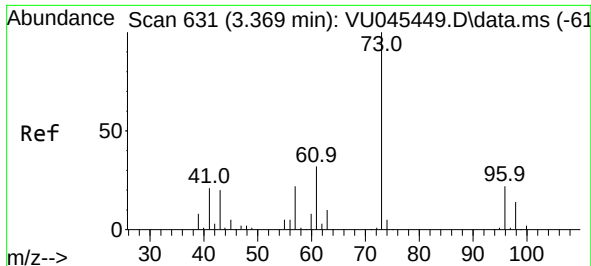
Tgt Ion: 43 Resp: 241738

Ion Ratio Lower Upper

43 100

74 25.9 20.2 30.2





#19

Methyl tert-butyl Ether

Concen: 51.363 ug/l

RT: 3.366 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU045547.D

Acq: 04 Nov 2021 01:54

Instrument :

MSVOA_U

ClientSampleId :

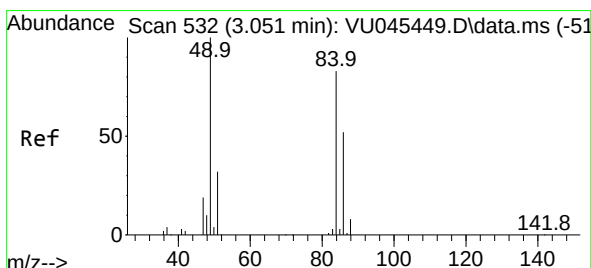
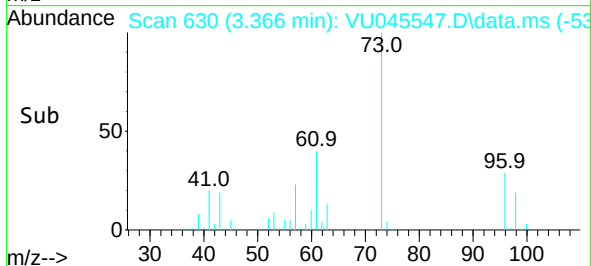
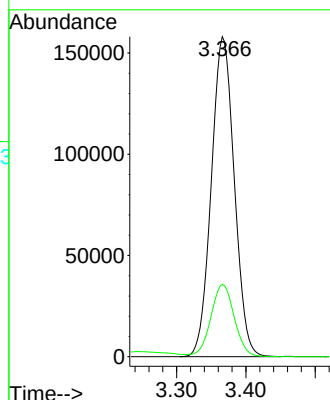
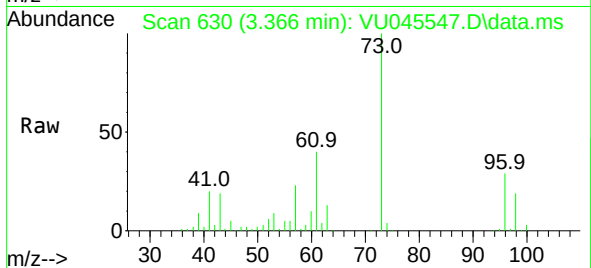
VSTDCCC050EC

Tgt Ion: 73 Resp: 363997

Ion Ratio Lower Upper

73 100

57 22.7 18.1 27.1



#20

Methylene Chloride

Concen: 47.799 ug/l

RT: 3.051 min Scan# 532

Delta R.T. 0.000 min

Lab File: VU045547.D

Acq: 04 Nov 2021 01:54

Tgt Ion: 84 Resp: 118682

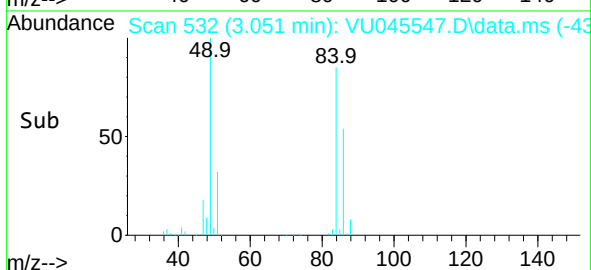
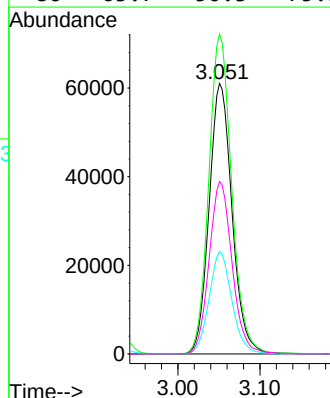
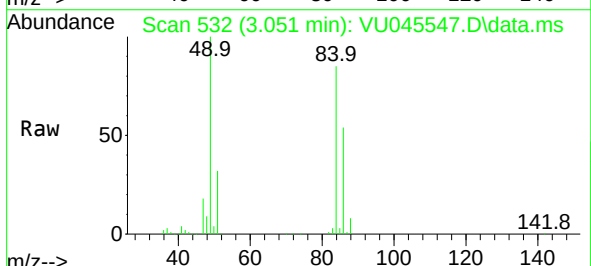
Ion Ratio Lower Upper

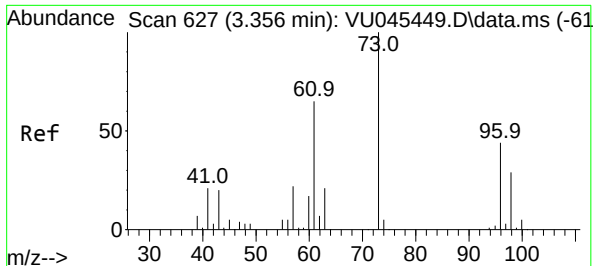
84 100

49 118.3 96.4 144.6

51 37.8 30.5 45.7

86 63.7 50.3 75.5

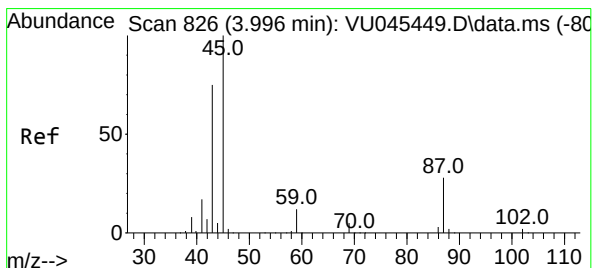
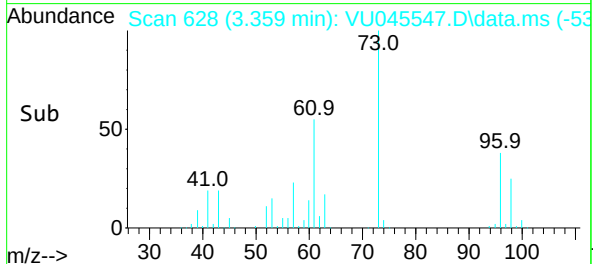
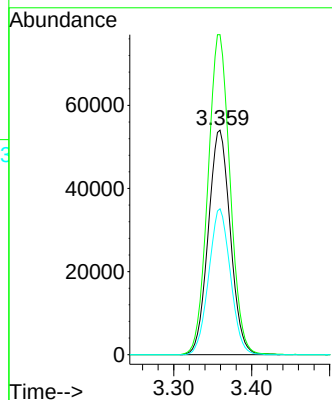
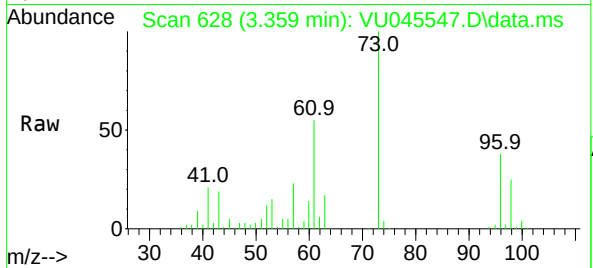




#21
trans-1,2-Dichloroethene
Concen: 51.201 ug/l
RT: 3.359 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU045547.D
Acq: 04 Nov 2021 01:54

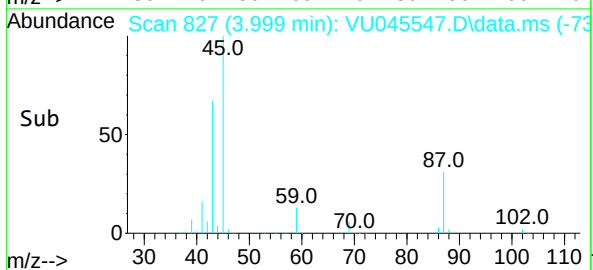
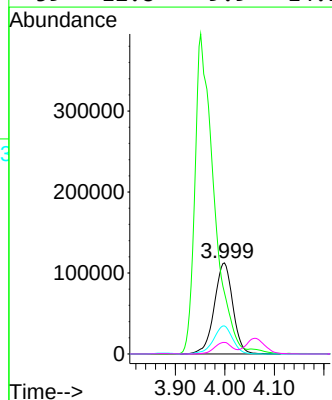
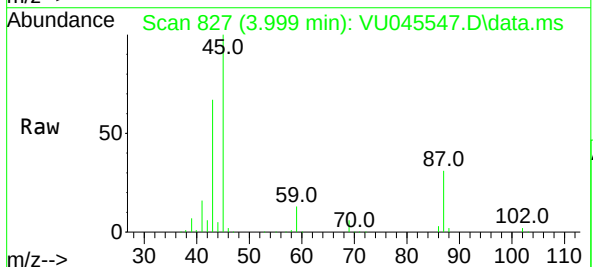
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

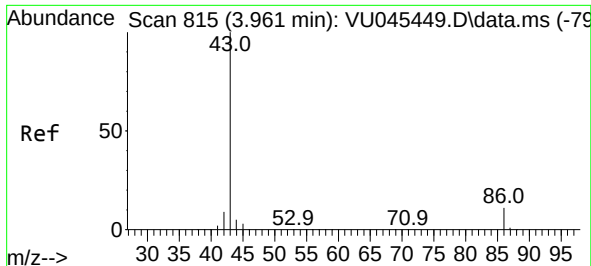
Tgt Ion: 96 Resp: 106273
Ion Ratio Lower Upper
96 100
61 142.5 118.2 177.4
98 65.0 52.1 78.1



#22
Diisopropyl ether
Concen: 42.291 ug/l
RT: 3.999 min Scan# 827
Delta R.T. 0.003 min
Lab File: VU045547.D
Acq: 04 Nov 2021 01:54

Tgt Ion: 45 Resp: 292500
Ion Ratio Lower Upper
45 100
43 66.5 60.0 90.0
87 30.8 22.3 33.5
59 12.8 9.9 14.9

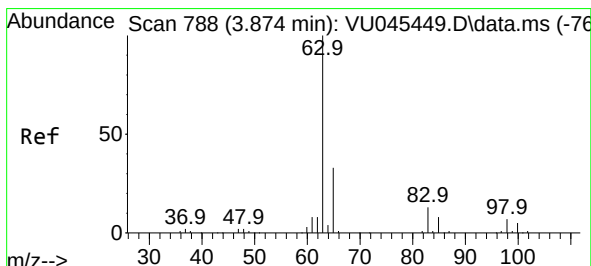
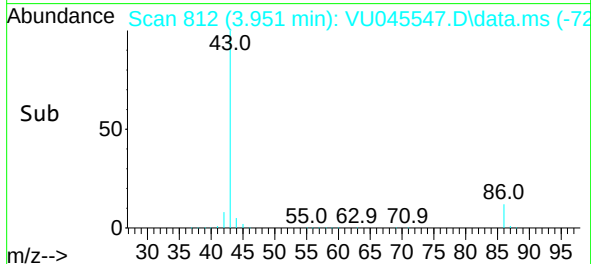
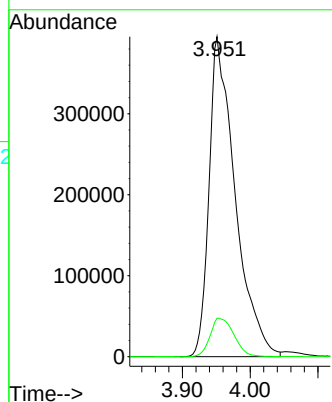
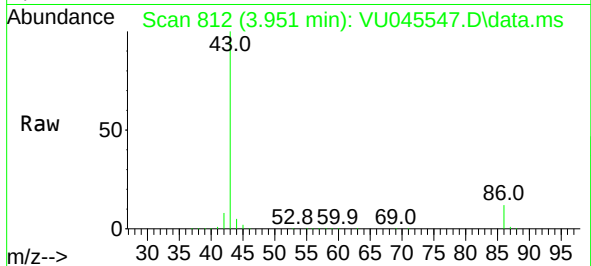




#23
 Vinyl Acetate
 Concen: 196.738 ug/l
 RT: 3.951 min Scan# 815
 Delta R.T. -0.010 min
 Lab File: VU045547.D
 Acq: 04 Nov 2021 01:54

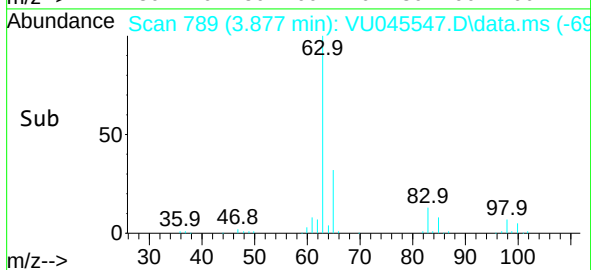
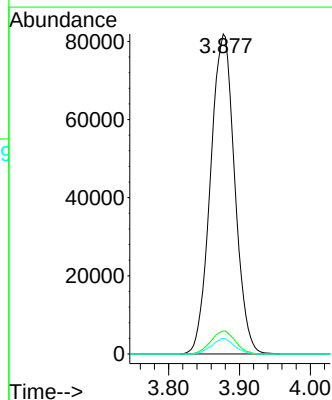
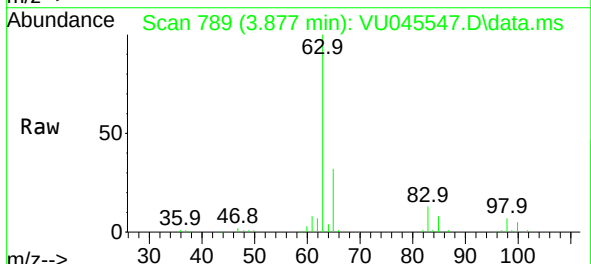
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

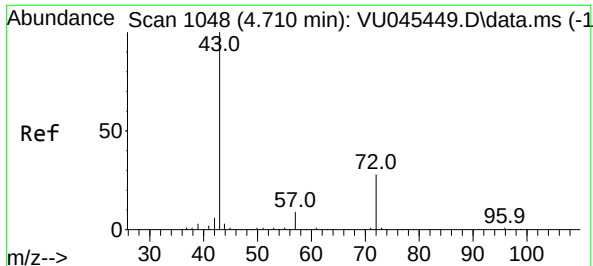
Tgt Ion: 43 Resp: 1055479
 Ion Ratio Lower Upper
 43 100
 86 12.0 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 47.926 ug/l
 RT: 3.877 min Scan# 789
 Delta R.T. 0.003 min
 Lab File: VU045547.D
 Acq: 04 Nov 2021 01:54

Tgt Ion: 63 Resp: 194237
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.6
 100 4.9 2.4 7.2





#25

2-Butanone

Concen: 210.250 ug/l

RT: 4.713 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU045547.D

Acq: 04 Nov 2021 01:54

Instrument :

MSVOA_U

ClientSampleId :

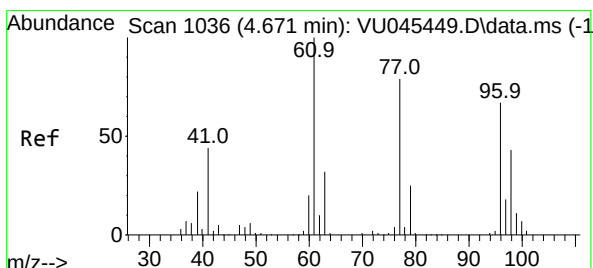
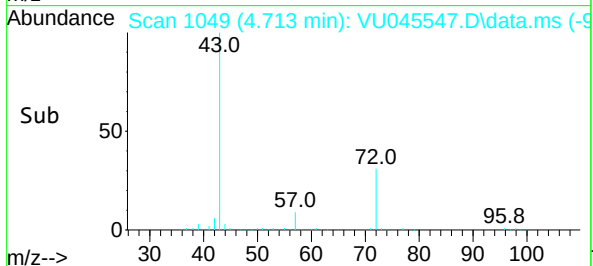
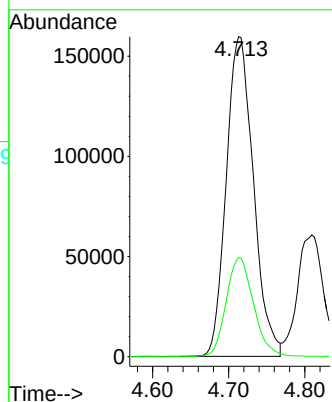
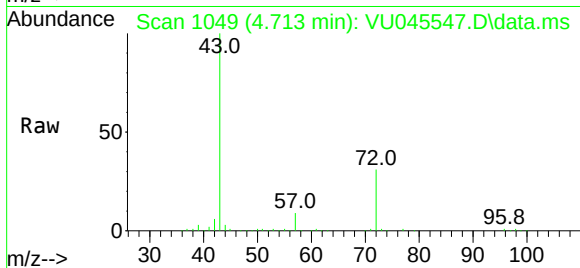
VSTDCCC050EC

Tgt Ion: 43 Resp: 395498

Ion Ratio Lower Upper

43 100

72 31.0 22.0 33.0



#26

2,2-Dichloropropane

Concen: 37.749 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU045547.D

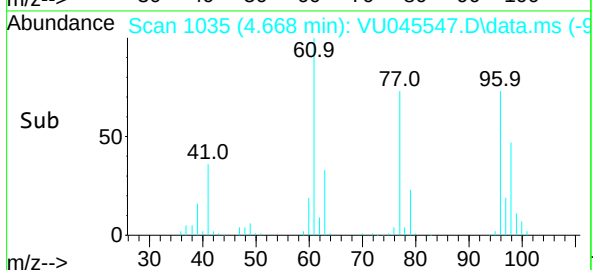
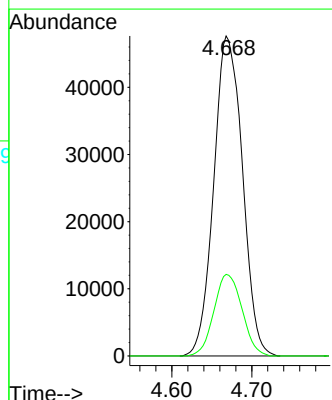
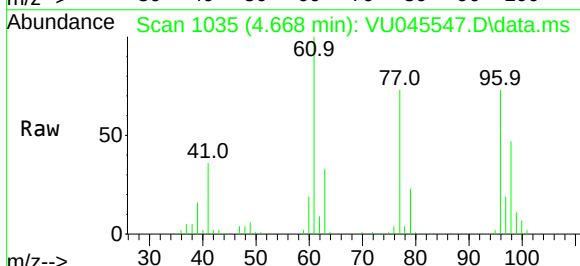
Acq: 04 Nov 2021 01:54

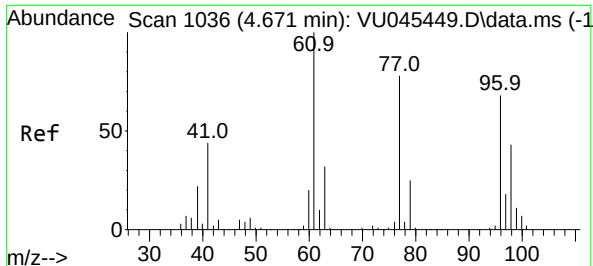
Tgt Ion: 77 Resp: 118524

Ion Ratio Lower Upper

77 100

97 25.0 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 44.985 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU045547.D

Acq: 04 Nov 2021 01:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

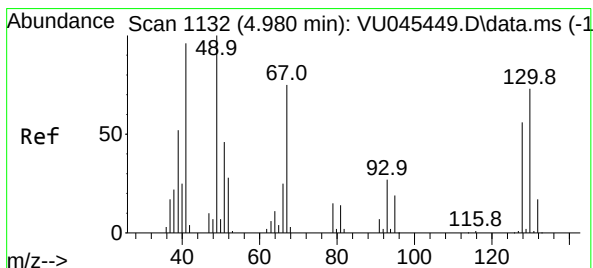
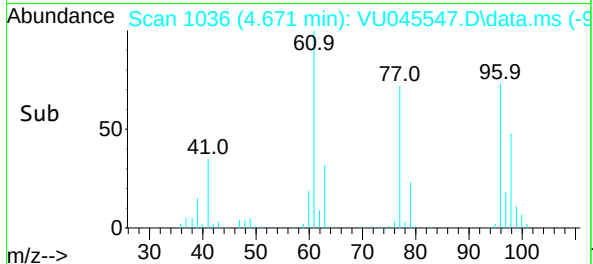
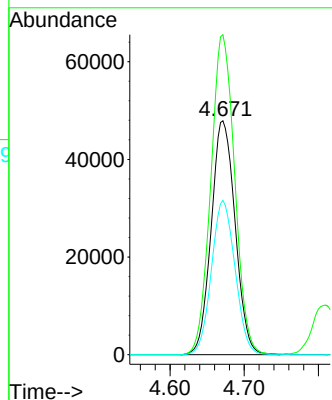
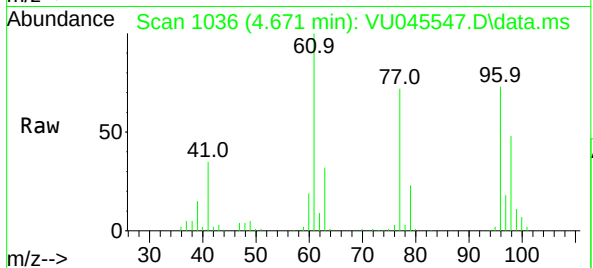
Tgt Ion: 96 Resp: 107443

Ion Ratio Lower Upper

96 100

61 136.7 0.0 299.2

98 65.0 0.0 127.6



#28

Bromochloromethane

Concen: 32.294 ug/l

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU045547.D

Acq: 04 Nov 2021 01:54

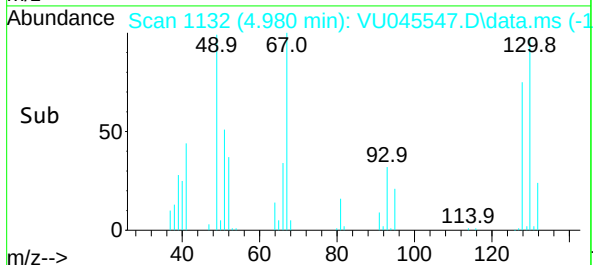
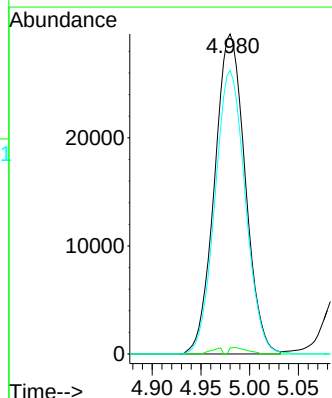
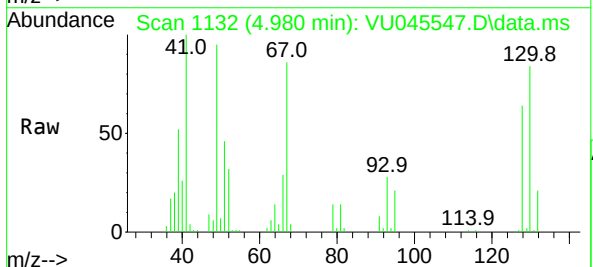
Tgt Ion: 49 Resp: 64559

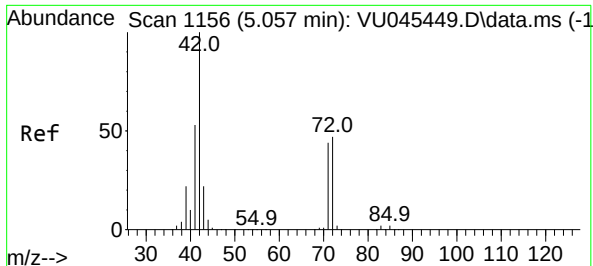
Ion Ratio Lower Upper

49 100

129 1.2 0.0 3.4

130 88.1 57.5 86.3#





#29

Tetrahydrofuran

Concen: 230.006 ug/l

RT: 5.057 min Scan# 1156

Delta R.T. 0.000 min

Lab File: VU045547.D

Acq: 04 Nov 2021 01:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

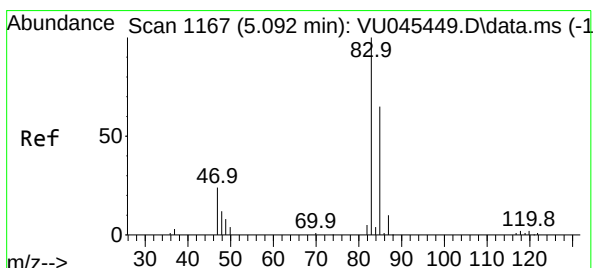
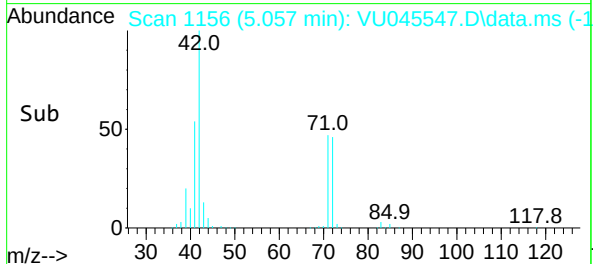
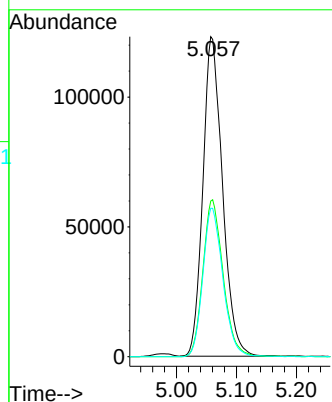
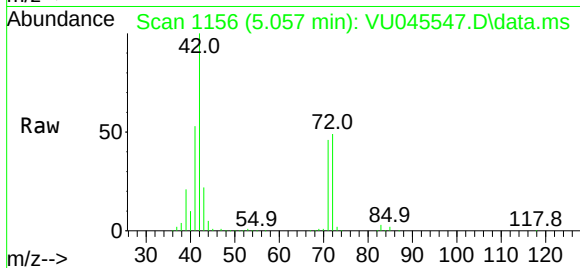
Tgt Ion: 42 Resp: 280587

Ion Ratio Lower Upper

42 100

72 50.5 38.2 57.4

71 47.5 35.4 53.2



#30

Chloroform

Concen: 45.825 ug/l

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU045547.D

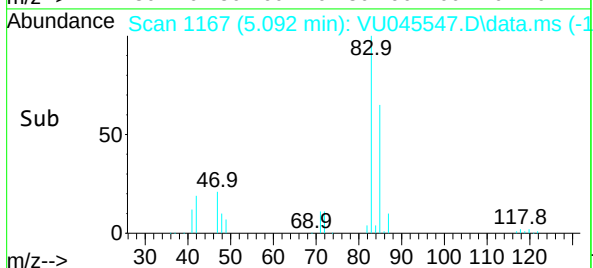
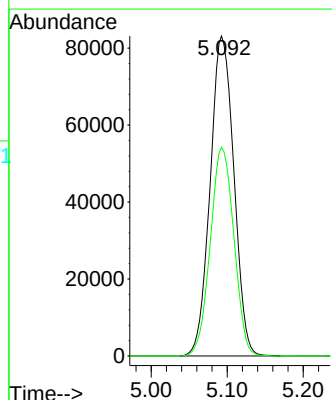
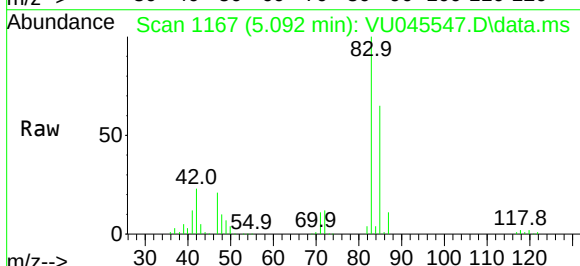
Acq: 04 Nov 2021 01:54

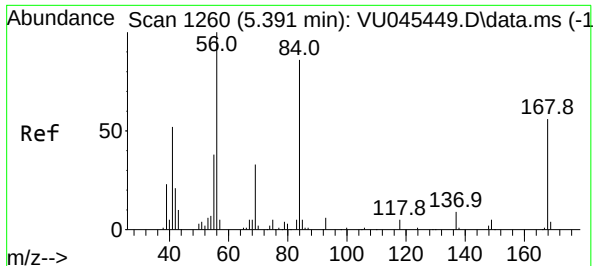
Tgt Ion: 83 Resp: 180083

Ion Ratio Lower Upper

83 100

85 65.3 52.0 78.0





#31

Cyclohexane

Concen: 43.403 ug/l

RT: 5.395 min Scan# 1261

Delta R.T. 0.003 min

Lab File: VU045547.D

Acq: 04 Nov 2021 01:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

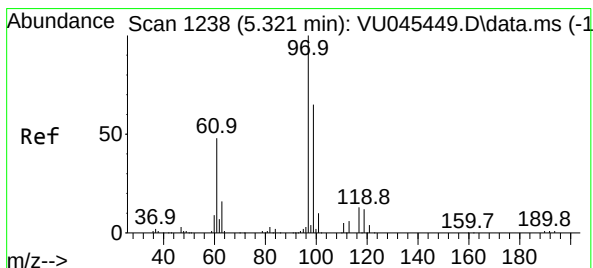
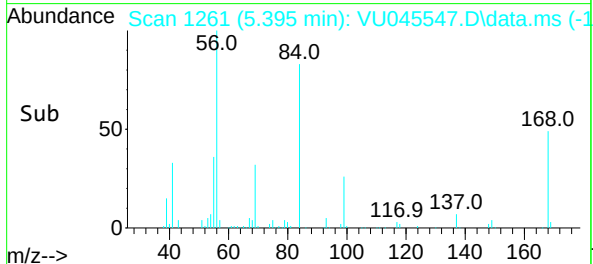
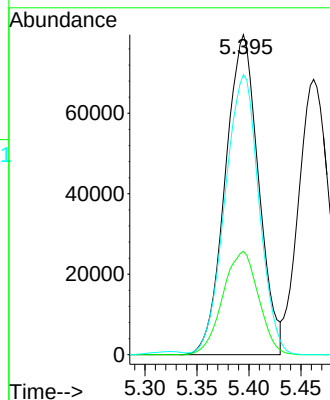
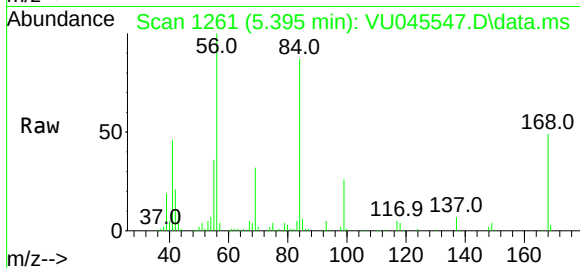
Tgt Ion: 56 Resp: 177361

Ion Ratio Lower Upper

56 100

69 32.3 26.4 39.6

84 86.7 68.4 102.6



#32

1,1,1-Trichloroethane

Concen: 40.336 ug/l

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU045547.D

Acq: 04 Nov 2021 01:54

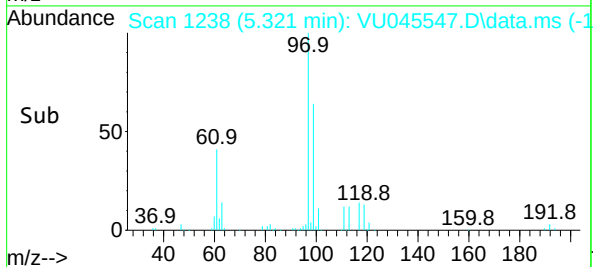
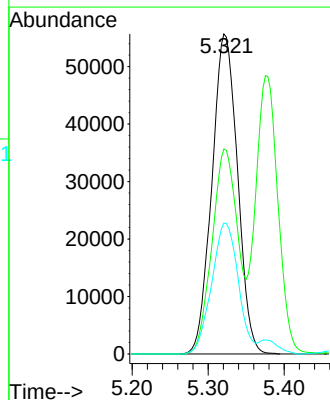
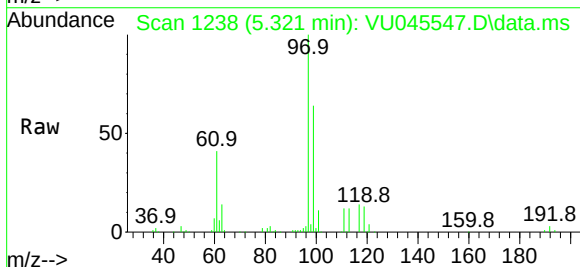
Tgt Ion: 97 Resp: 130091

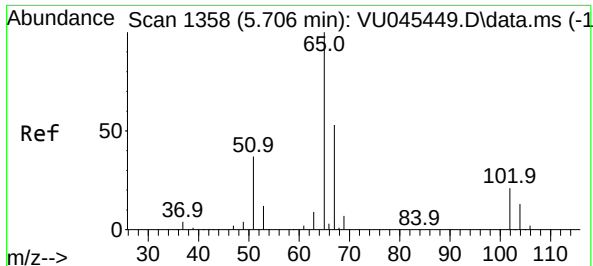
Ion Ratio Lower Upper

97 100

99 64.3 50.8 76.2

61 42.5 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 40.741 ug/l

RT: 5.707 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045547.D

Acq: 04 Nov 2021 01:54

Instrument :

MSVOA_U

ClientSampleId :

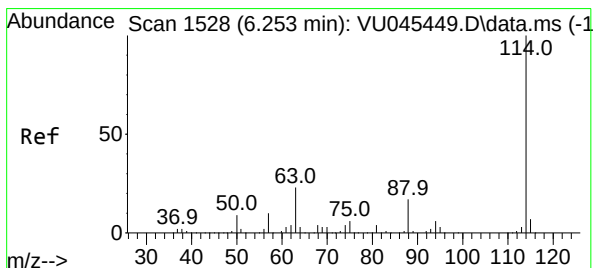
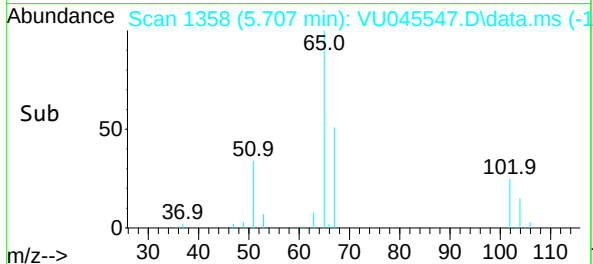
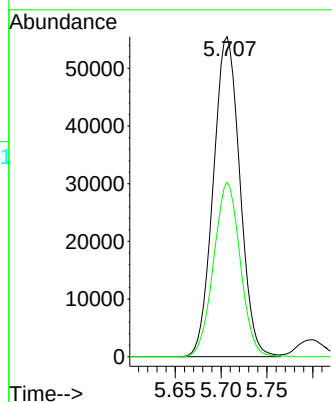
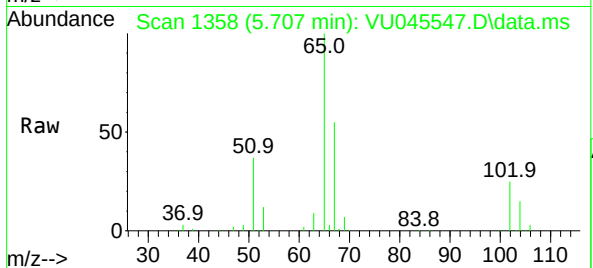
VSTDCCC050EC

Tgt Ion: 65 Resp: 111821

Ion Ratio Lower Upper

65 100

67 54.4 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU045547.D

Acq: 04 Nov 2021 01:54

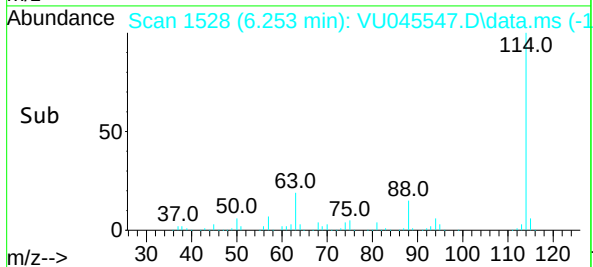
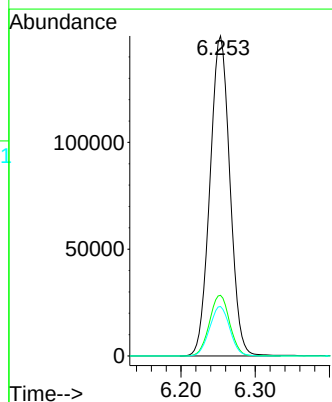
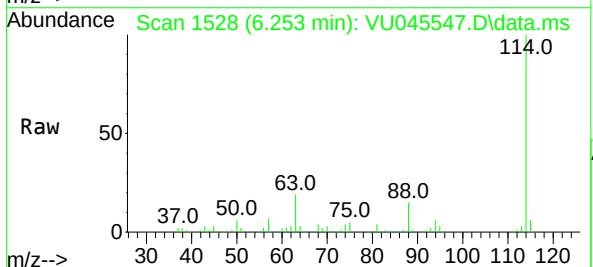
Tgt Ion: 114 Resp: 279054

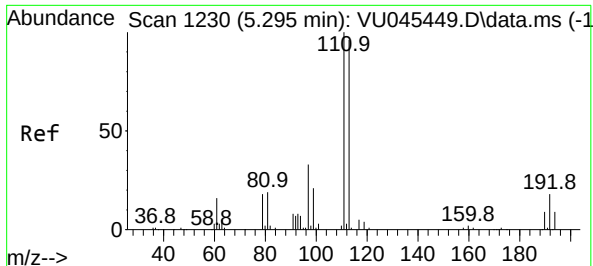
Ion Ratio Lower Upper

114 100

63 19.0 0.0 45.6

88 15.5 0.0 33.8





#35

Dibromofluoromethane

Concen: 52.496 ug/l

RT: 5.295 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045547.D

Acq: 04 Nov 2021 01:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

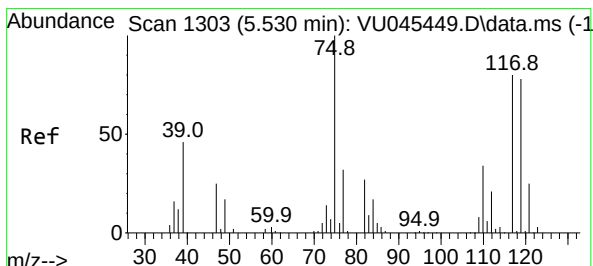
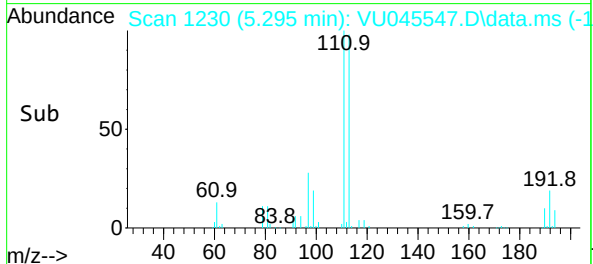
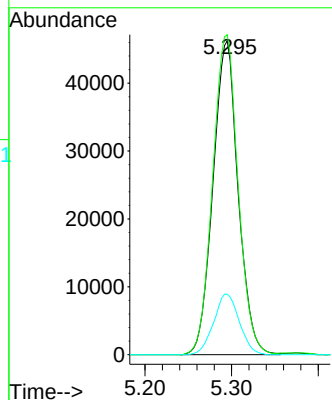
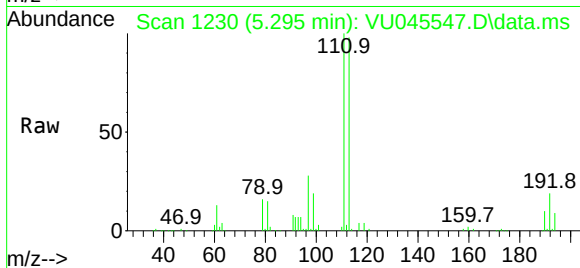
Tgt Ion:113 Resp: 93147

Ion Ratio Lower Upper

113 100

111 103.2 82.8 124.2

192 19.7 14.8 22.2



#36

1,1-Dichloropropene

Concen: 38.946 ug/l

RT: 5.530 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VU045547.D

Acq: 04 Nov 2021 01:54

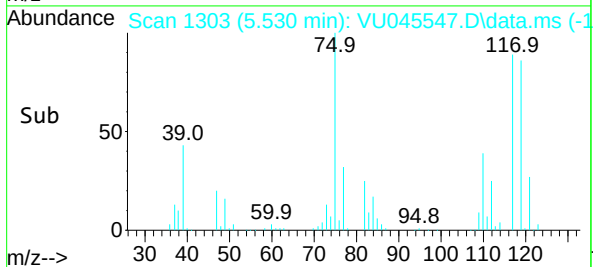
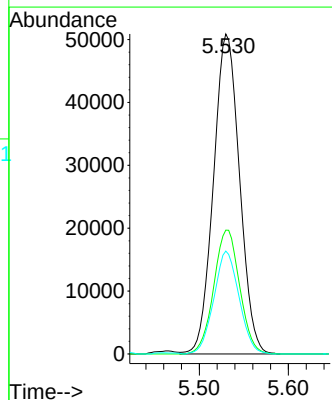
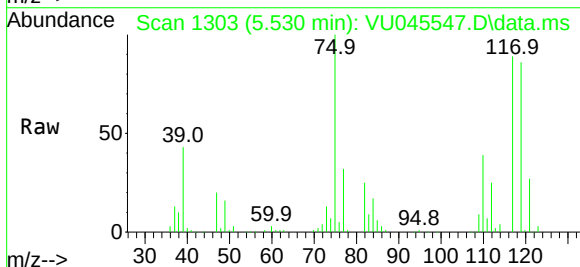
Tgt Ion: 75 Resp: 103456

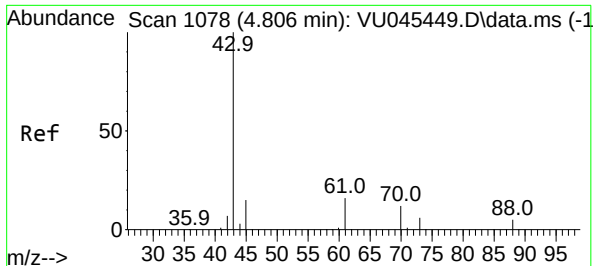
Ion Ratio Lower Upper

75 100

110 38.5 16.7 50.0

77 31.2 25.0 37.4

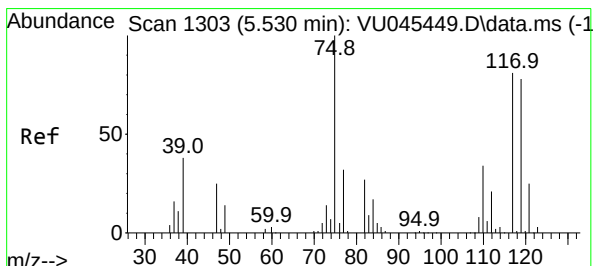
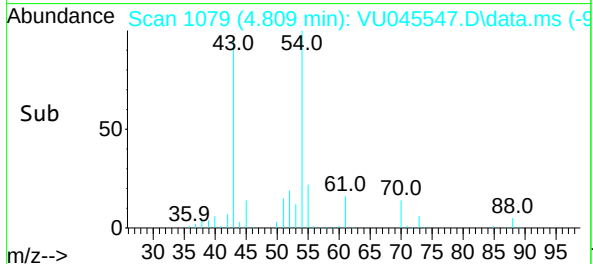
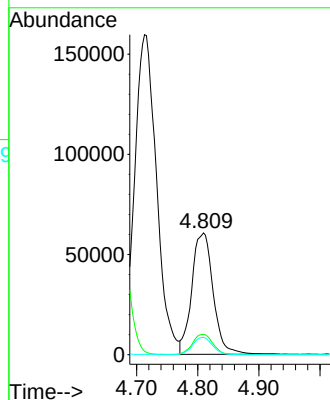
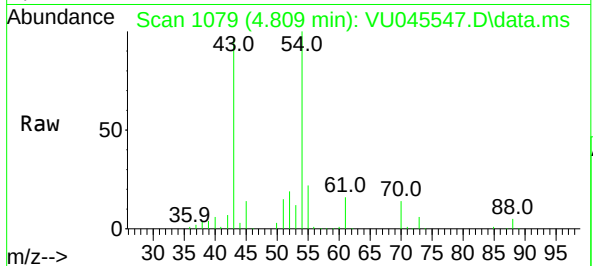




#37
Ethyl Acetate
Concen: 45.599 ug/l
RT: 4.809 min Scan# 1079
Delta R.T. 0.003 min
Lab File: VU045547.D
Acq: 04 Nov 2021 01:54

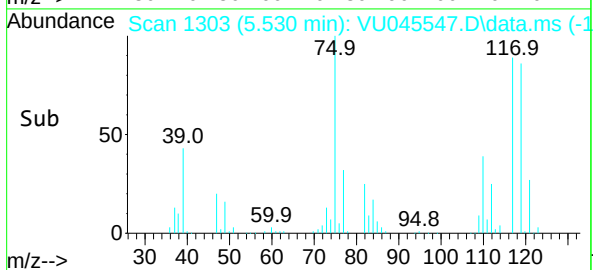
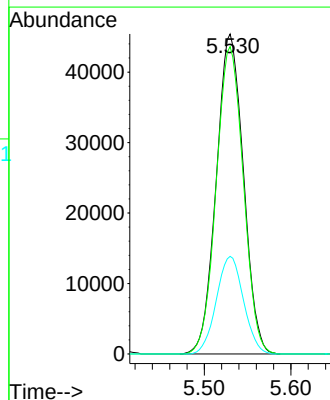
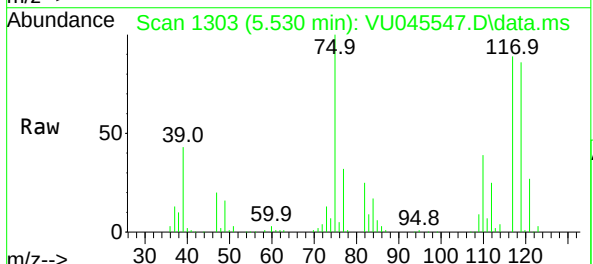
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

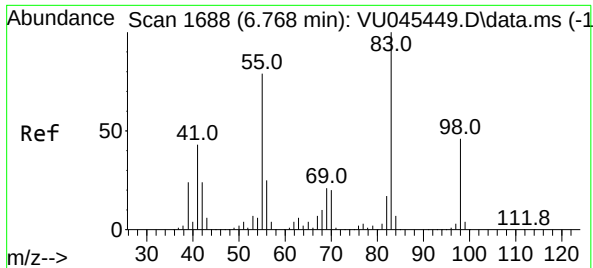
Tgt Ion: 43 Resp: 146694
Ion Ratio Lower Upper
43 100
61 16.3 11.6 17.4
70 13.4 9.1 13.7



#38
Carbon Tetrachloride
Concen: 42.621 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU045547.D
Acq: 04 Nov 2021 01:54

Tgt Ion: 117 Resp: 98740
Ion Ratio Lower Upper
117 100
119 96.0 77.4 116.0
121 30.5 24.8 37.2

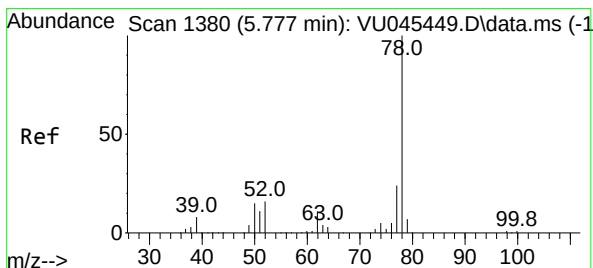
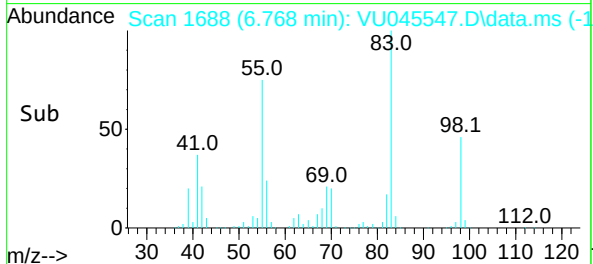
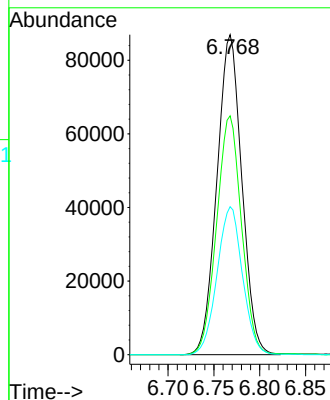
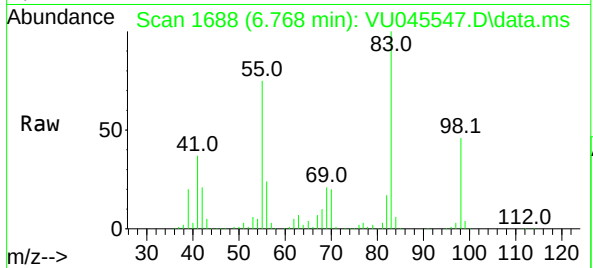




#39
Methylcyclohexane
Concen: 49.788 ug/l
RT: 6.768 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU045547.D
Acq: 04 Nov 2021 01:54

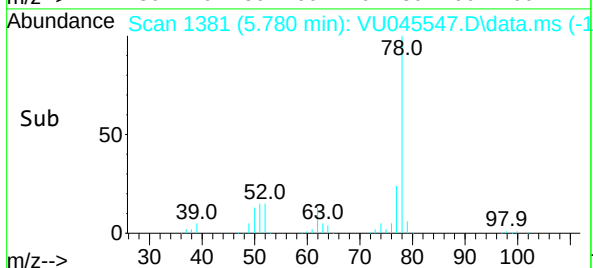
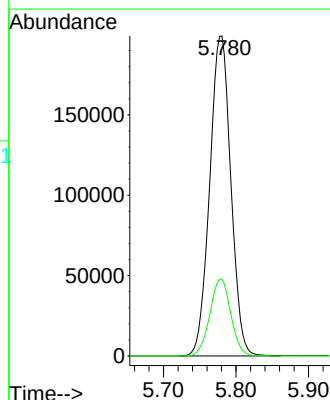
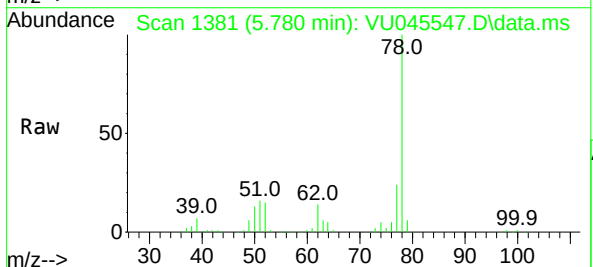
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

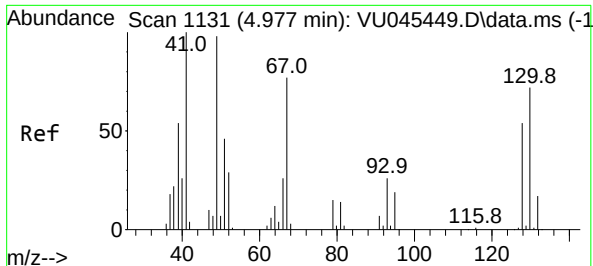
Tgt Ion: 83 Resp: 164467
Ion Ratio Lower Upper
83 100
55 74.7 63.6 95.4
98 46.3 37.1 55.7



#40
Benzene
Concen: 50.429 ug/l
RT: 5.780 min Scan# 1381
Delta R.T. 0.003 min
Lab File: VU045547.D
Acq: 04 Nov 2021 01:54

Tgt Ion: 78 Resp: 403241
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.4



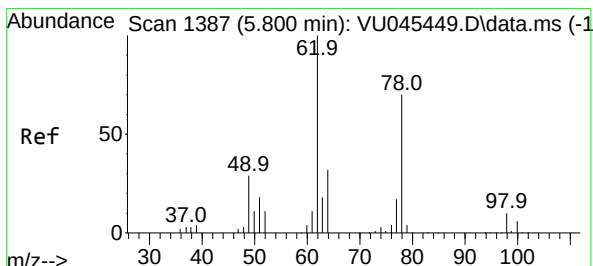
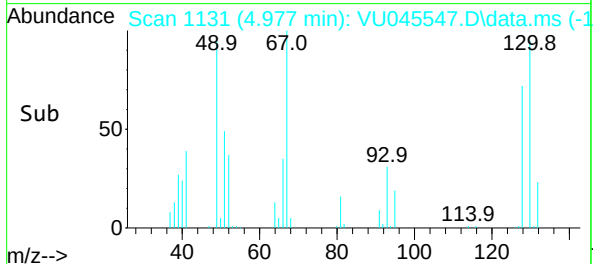
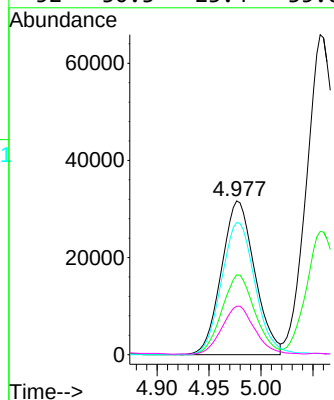
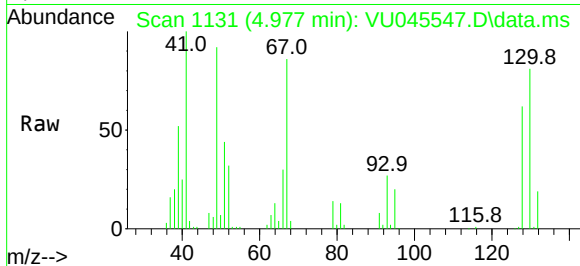


#41
Methacrylonitrile
Concen: 41.446 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VU045547.D
Acq: 04 Nov 2021 01:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 70564

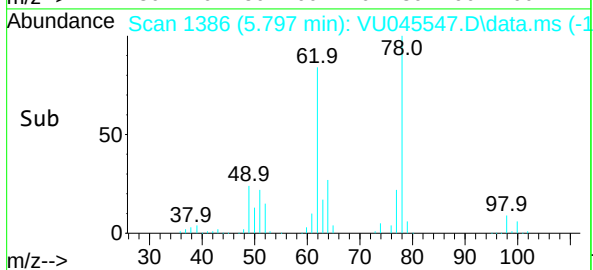
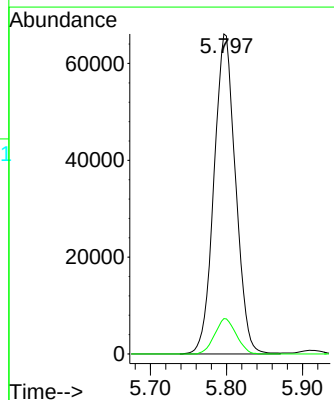
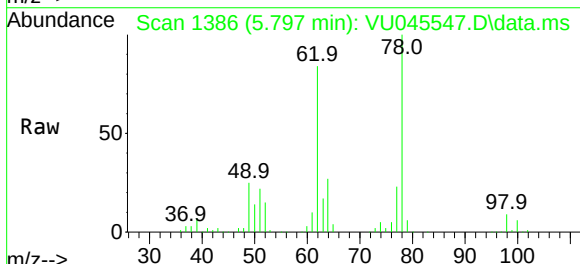
Ion	Ratio	Lower	Upper
41	100		
39	51.4	43.4	65.0
67	87.3	61.0	91.4
52	30.3	23.4	35.0

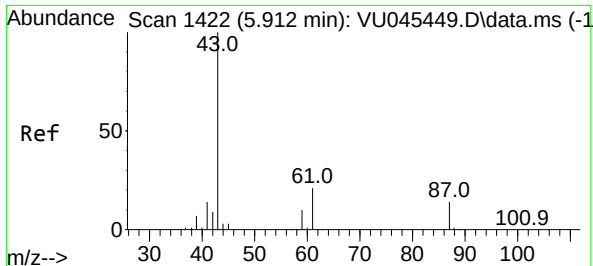


#42
1,2-Dichloroethane
Concen: 44.377 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. -0.003 min
Lab File: VU045547.D
Acq: 04 Nov 2021 01:54

Tgt Ion: 62 Resp: 130328

Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	18.4





#43

Isopropyl Acetate

Concen: 50.061 ug/l

RT: 5.912 min Scan# 1422

Delta R.T. 0.000 min

Lab File: VU045547.D

Acq: 04 Nov 2021 01:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

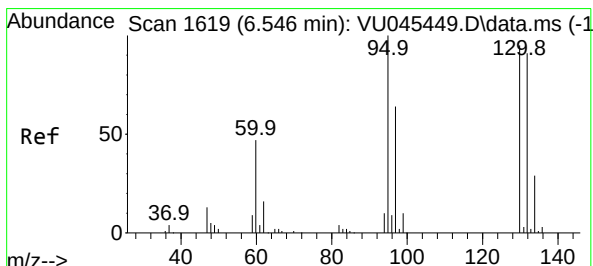
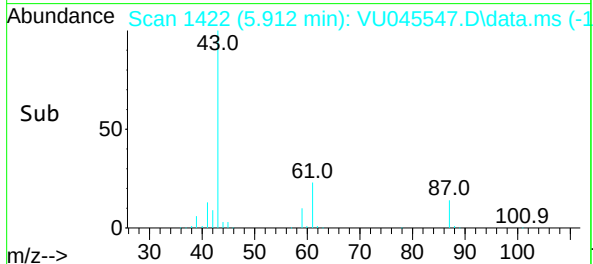
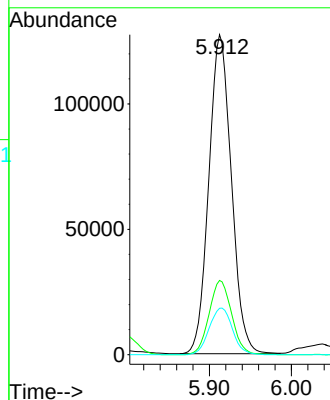
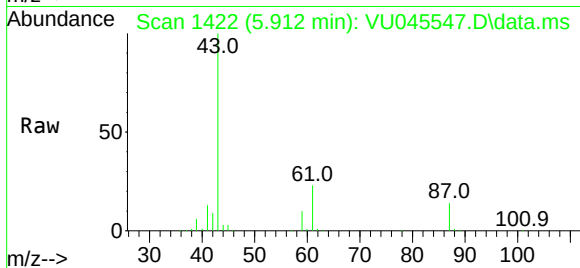
Tgt Ion: 43 Resp: 242709

Ion Ratio Lower Upper

43 100

61 23.3 16.9 25.3

87 15.0 11.0 16.4



#44

Trichloroethene

Concen: 51.306 ug/l

RT: 6.542 min Scan# 1618

Delta R.T. -0.003 min

Lab File: VU045547.D

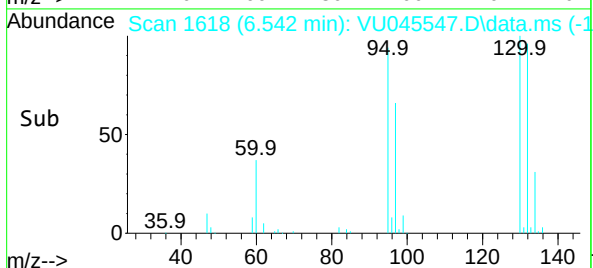
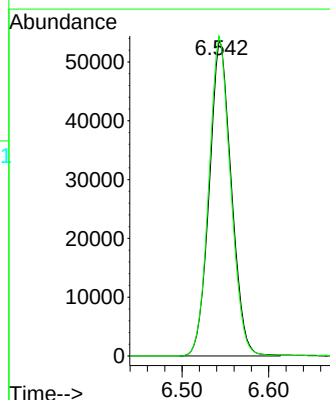
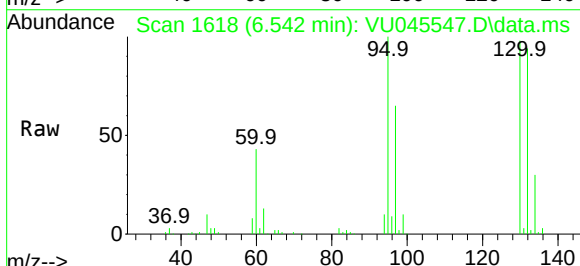
Acq: 04 Nov 2021 01:54

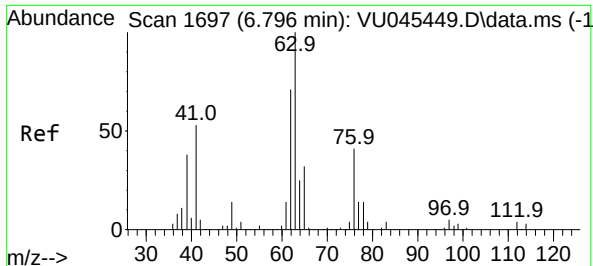
Tgt Ion:130 Resp: 95086

Ion Ratio Lower Upper

130 100

95 101.6 0.0 211.4





#45

1,2-Dichloropropane

Concen: 49.154 ug/l

RT: 6.793 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU045547.D

Acq: 04 Nov 2021 01:54

Instrument :

MSVOA_U

ClientSampleId :

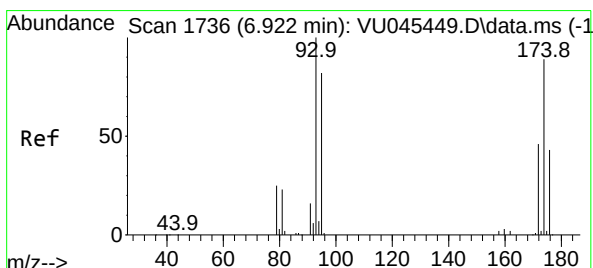
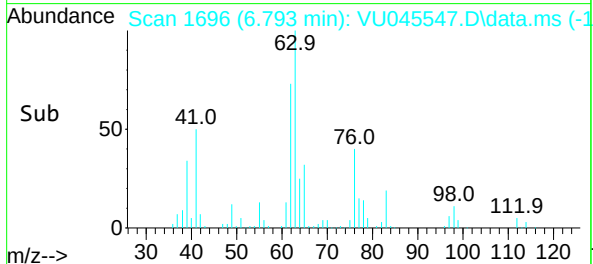
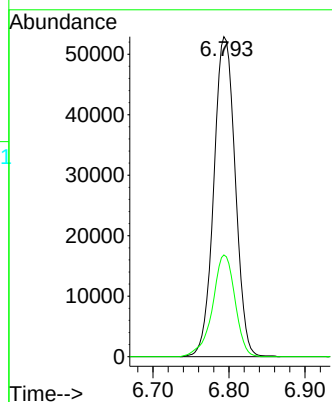
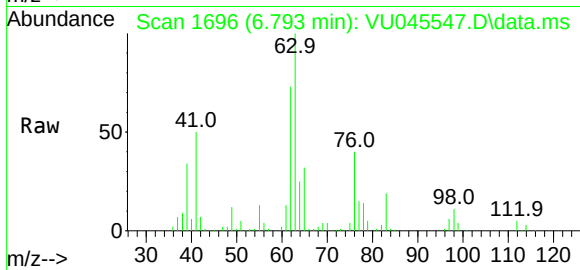
VSTDCCC050EC

Tgt Ion: 63 Resp: 103440

Ion Ratio Lower Upper

63 100

65 31.8 25.7 38.5



#46

Dibromomethane

Concen: 52.457 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. 0.000 min

Lab File: VU045547.D

Acq: 04 Nov 2021 01:54

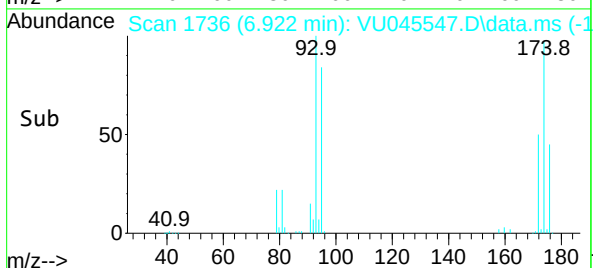
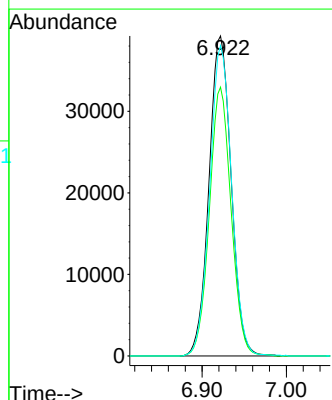
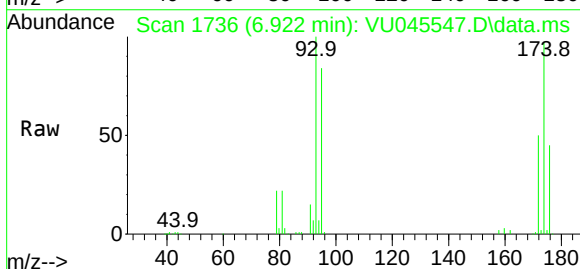
Tgt Ion: 93 Resp: 71878

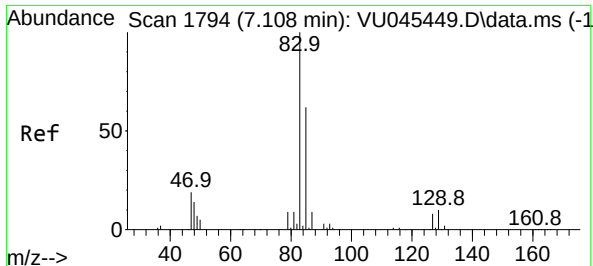
Ion Ratio Lower Upper

93 100

95 82.4 66.2 99.2

174 95.9 71.0 106.6

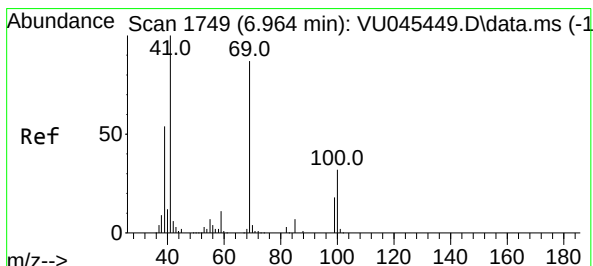
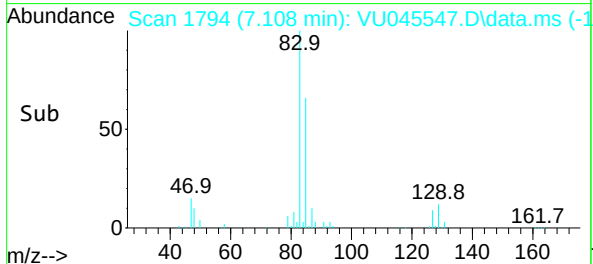
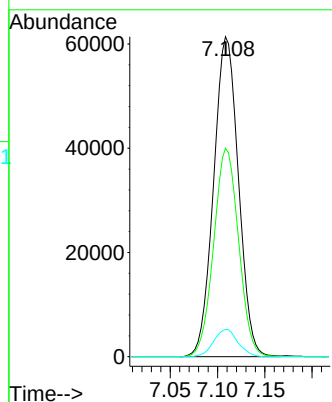
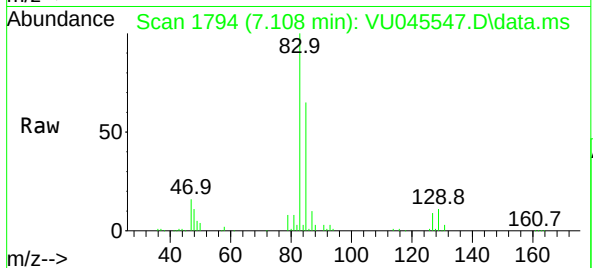




#47
Bromodichloromethane
Concen: 41.579 ug/l
RT: 7.108 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045547.D
Acq: 04 Nov 2021 01:54

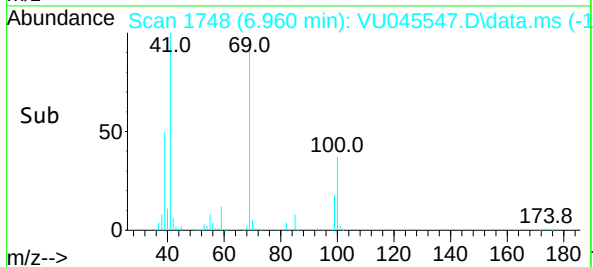
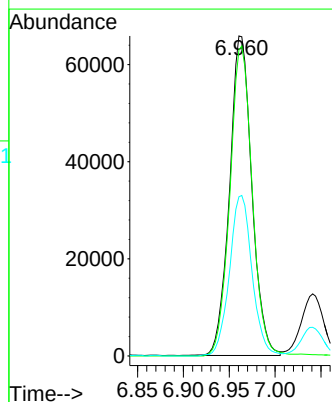
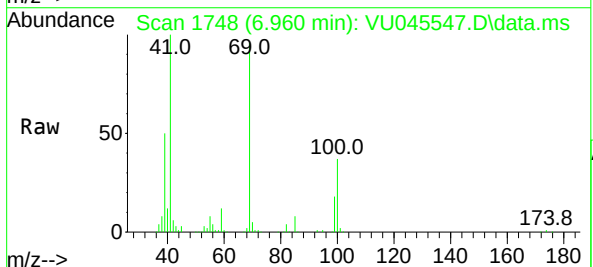
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

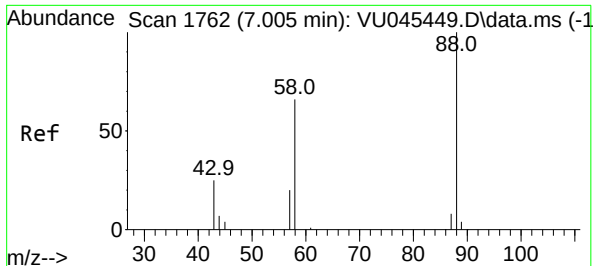
Tgt Ion: 83 Resp: 112123
Ion Ratio Lower Upper
83 100
85 65.2 49.8 74.6
127 8.5 6.2 9.2



#48
Methyl methacrylate
Concen: 48.440 ug/l
RT: 6.960 min Scan# 1748
Delta R.T. -0.003 min
Lab File: VU045547.D
Acq: 04 Nov 2021 01:54

Tgt Ion: 41 Resp: 111314
Ion Ratio Lower Upper
41 100
69 97.1 70.2 105.2
39 50.9 43.9 65.9





#49

1,4-Dioxane

Concen: 1092.075 ug/l

RT: 7.034 min Scan# 1

Delta R.T. 0.029 min

Lab File: VU045547.D

Acq: 04 Nov 2021 01:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

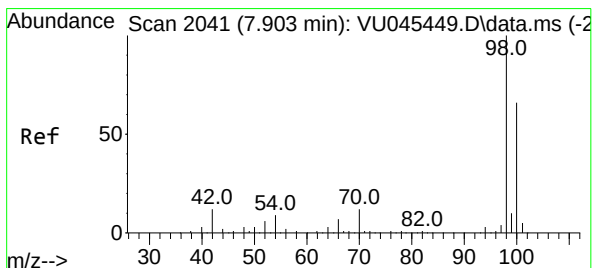
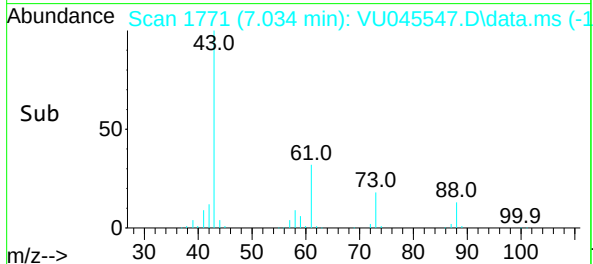
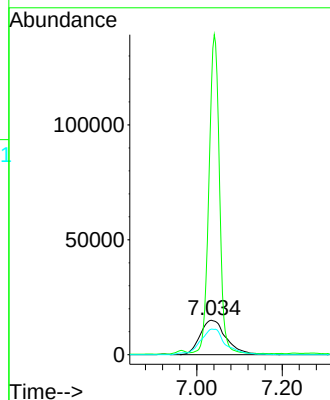
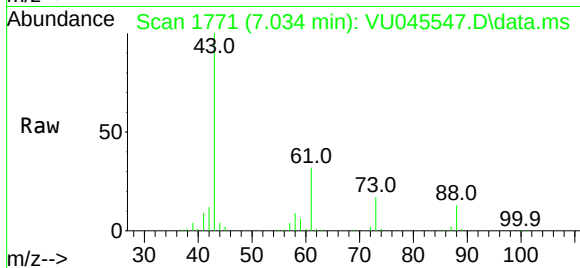
Tgt Ion: 88 Resp: 63779

Ion Ratio Lower Upper

88 100

43 373.2 0.0 0.0#

58 69.4 58.7 88.1



#50

Toluene-d8

Concen: 57.811 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. -0.003 min

Lab File: VU045547.D

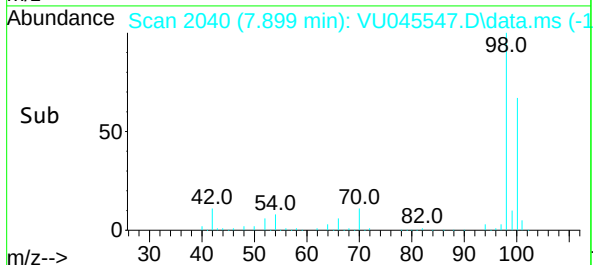
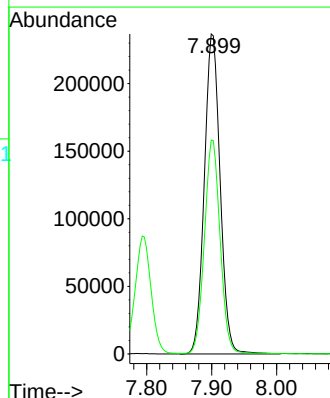
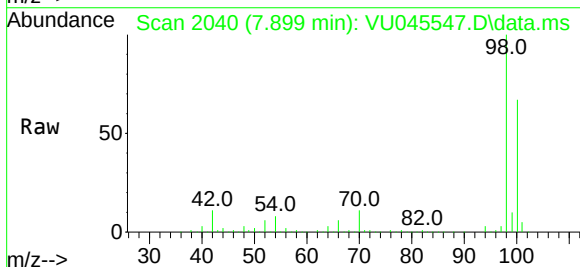
Acq: 04 Nov 2021 01:54

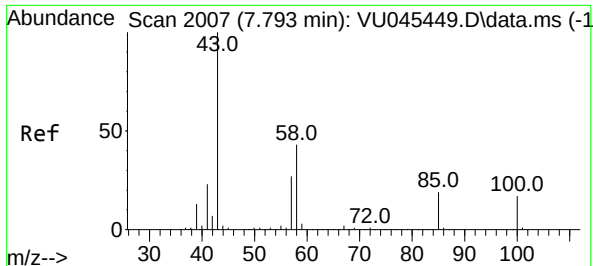
Tgt Ion: 98 Resp: 402244

Ion Ratio Lower Upper

98 100

100 66.3 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 270.591 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU045547.D

Acq: 04 Nov 2021 01:54

Instrument :

MSVOA_U

ClientSampleId :

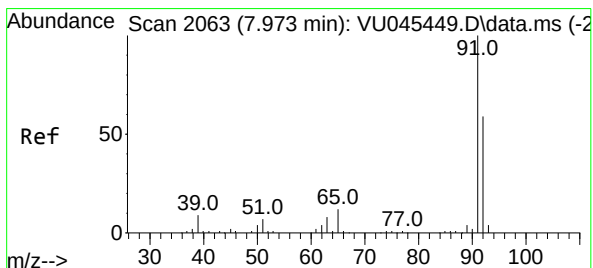
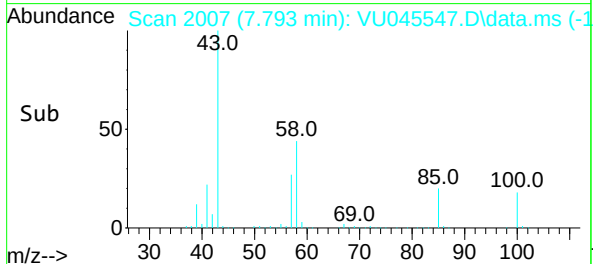
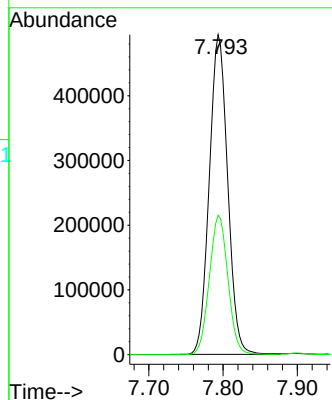
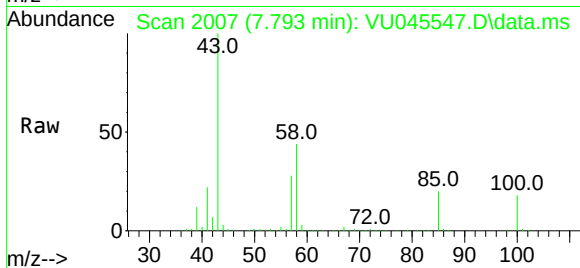
VSTDCCC050EC

Tgt Ion: 43 Resp: 847922

Ion Ratio Lower Upper

43 100

58 44.2 33.8 50.8



#52

Toluene

Concen: 55.727 ug/l

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU045547.D

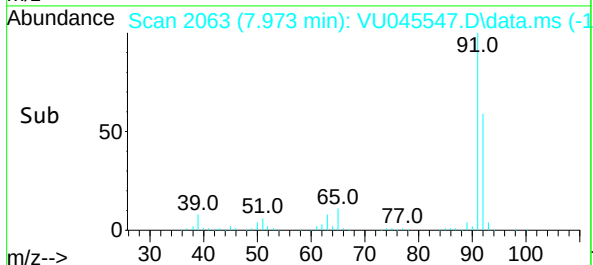
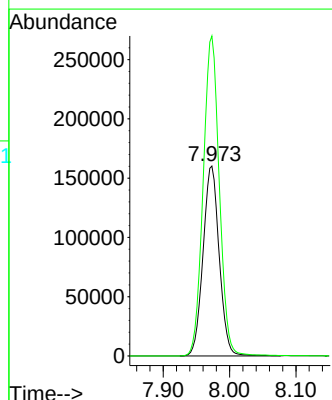
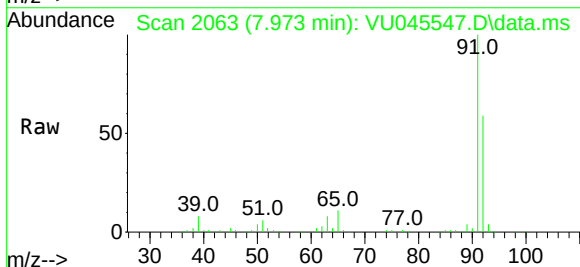
Acq: 04 Nov 2021 01:54

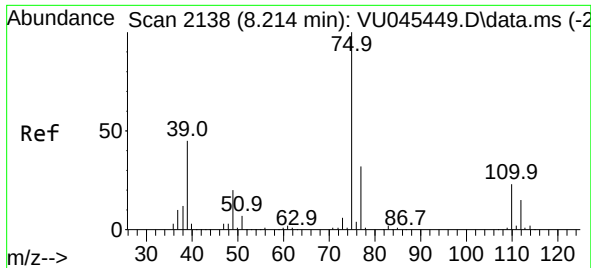
Tgt Ion: 92 Resp: 270878

Ion Ratio Lower Upper

92 100

91 168.6 135.6 203.4

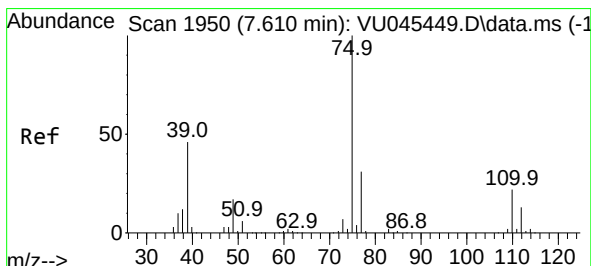
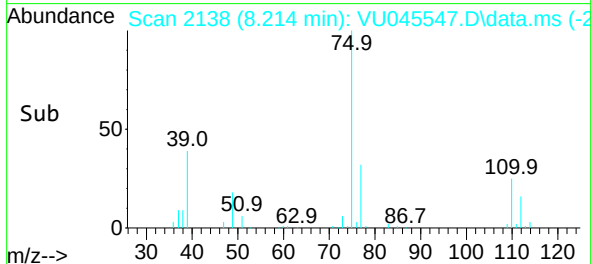
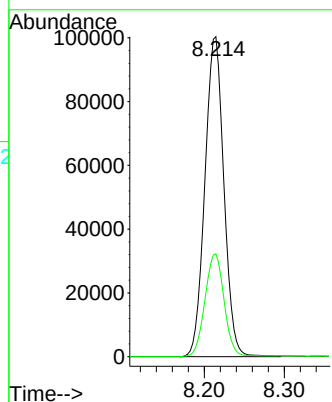
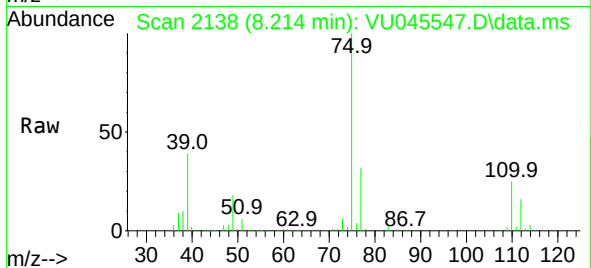




#53
 t-1,3-Dichloropropene
 Concen: 53.931 ug/l
 RT: 8.214 min Scan# 2138
 Delta R.T. 0.000 min
 Lab File: VU045547.D
 Acq: 04 Nov 2021 01:54

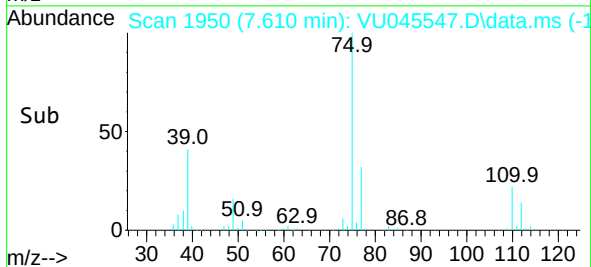
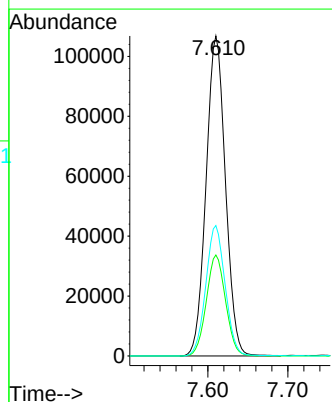
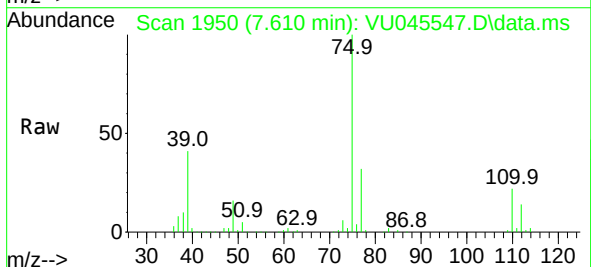
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

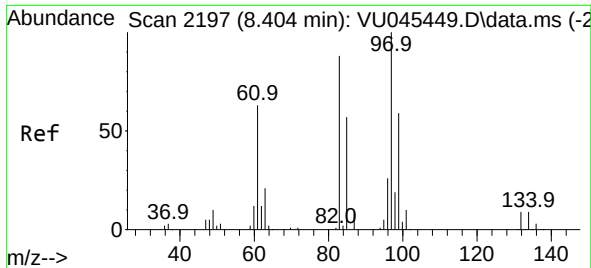
Tgt Ion: 75 Resp: 165759
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 54.670 ug/l
 RT: 7.610 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VU045547.D
 Acq: 04 Nov 2021 01:54

Tgt Ion: 75 Resp: 179949
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.6 37.0
 39 40.7 37.1 55.7

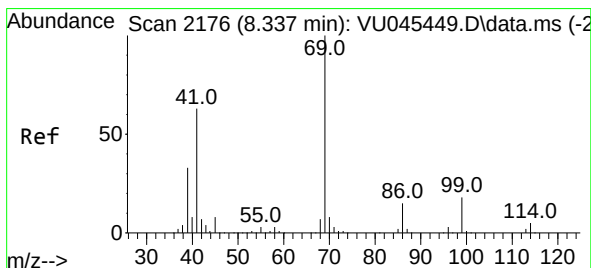
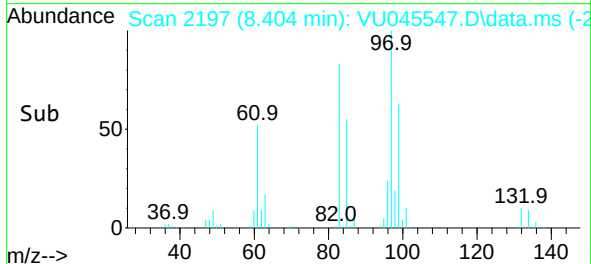
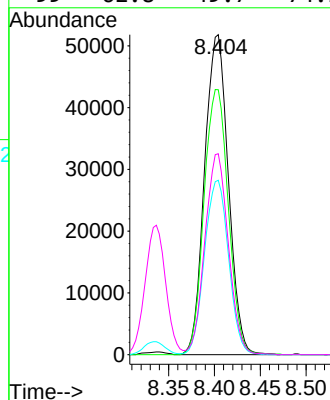
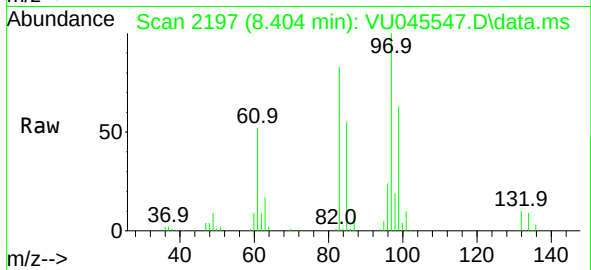




#55
1,1,2-Trichloroethane
Concen: 47.047 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU045547.D
Acq: 04 Nov 2021 01:54

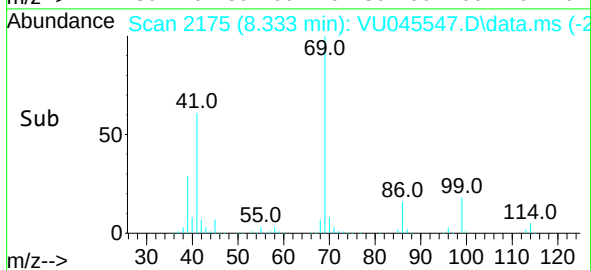
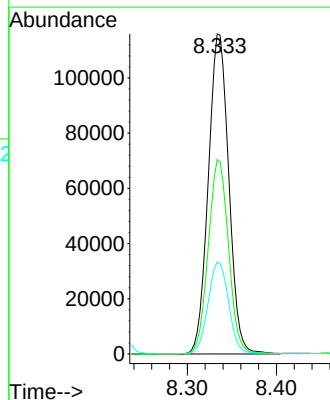
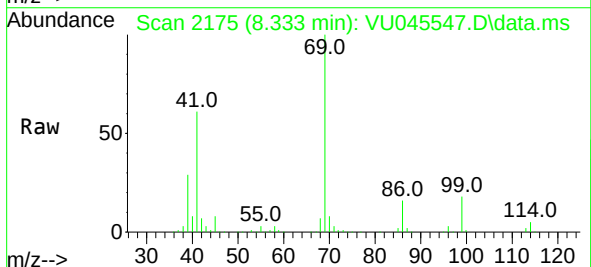
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

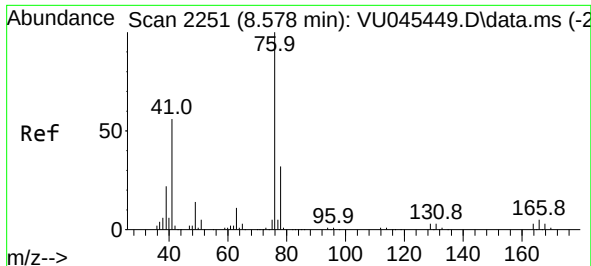
Tgt Ion:	97	Resp:	93412
Ion	Ratio	Lower	Upper
97	100		
83	82.8	70.3	105.5
85	54.5	45.5	68.3
99	62.8	49.7	74.5



#56
Ethyl methacrylate
Concen: 50.916 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. -0.004 min
Lab File: VU045547.D
Acq: 04 Nov 2021 01:54

Tgt Ion:	69	Resp:	185097
Ion	Ratio	Lower	Upper
69	100		
41	60.2	51.0	76.4
39	28.9	26.6	39.8





#57

1,3-Dichloropropane

Concen: 46.271 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045547.D

Acq: 04 Nov 2021 01:54

Instrument :

MSVOA_U

ClientSampleId :

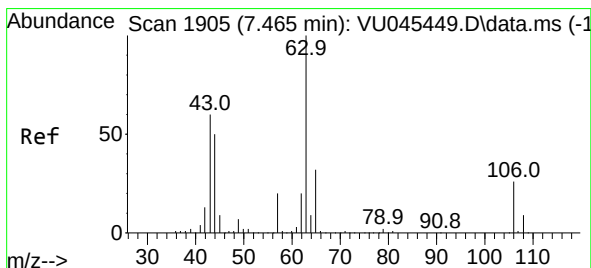
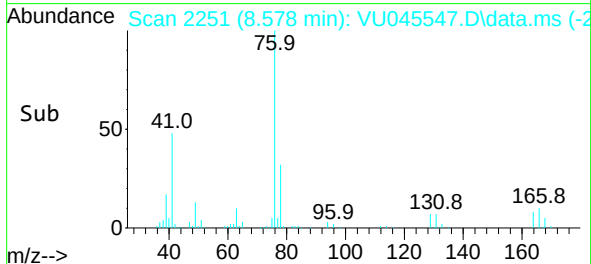
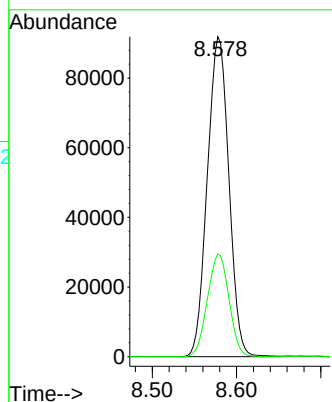
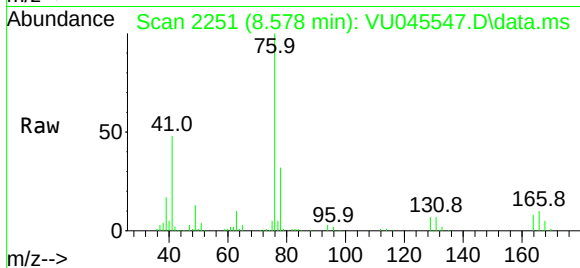
VSTDCCC050EC

Tgt Ion: 76 Resp: 163081

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 254.847 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VU045547.D

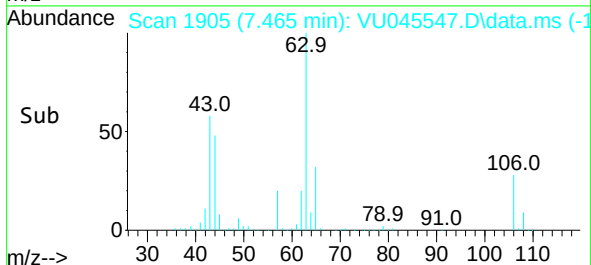
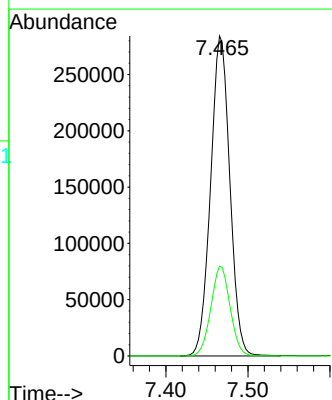
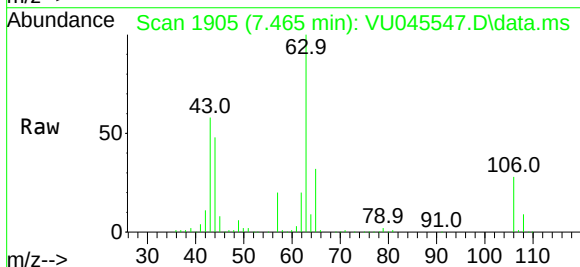
Acq: 04 Nov 2021 01:54

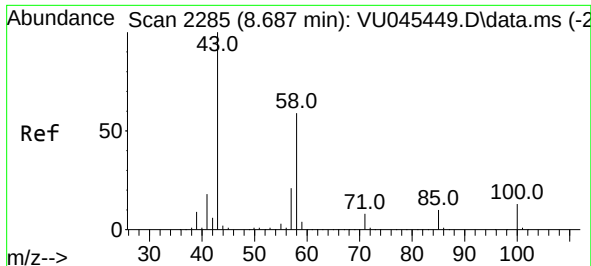
Tgt Ion: 63 Resp: 463805

Ion Ratio Lower Upper

63 100

106 28.0 21.0 31.4

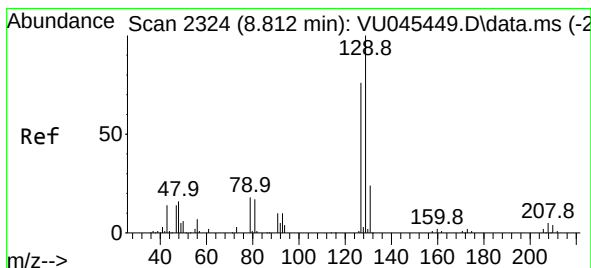
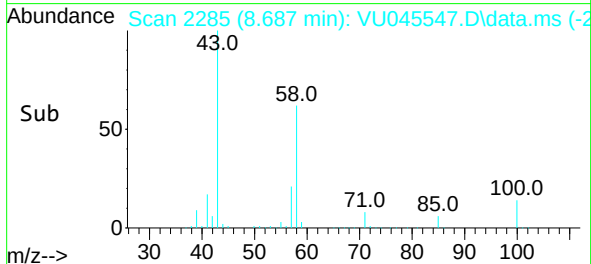
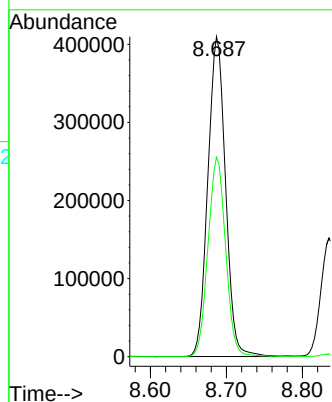
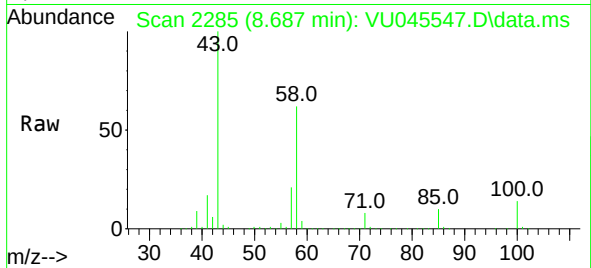




#59
2-Hexanone
Concen: 272.632 ug/l
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045547.D
Acq: 04 Nov 2021 01:54

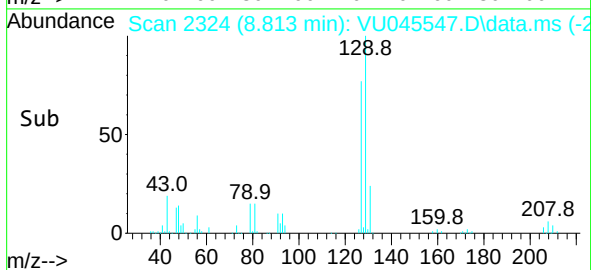
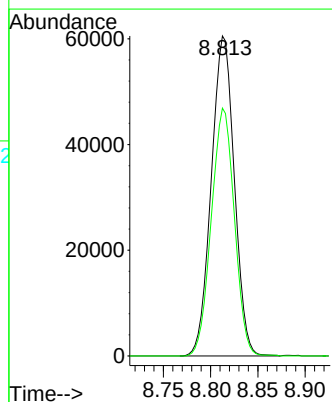
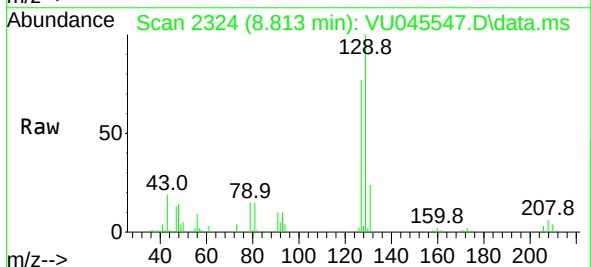
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

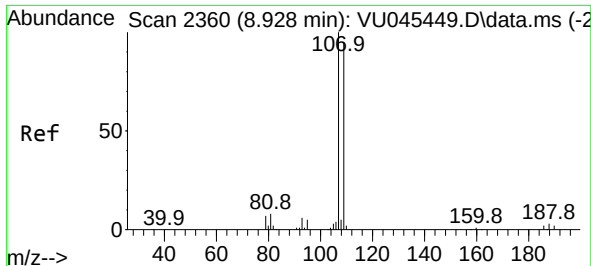
Tgt Ion: 43 Resp: 661914
Ion Ratio Lower Upper
43 100
58 62.2 29.5 88.6



#60
Dibromochloromethane
Concen: 53.822 ug/l
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU045547.D
Acq: 04 Nov 2021 01:54

Tgt Ion: 129 Resp: 102560
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.3

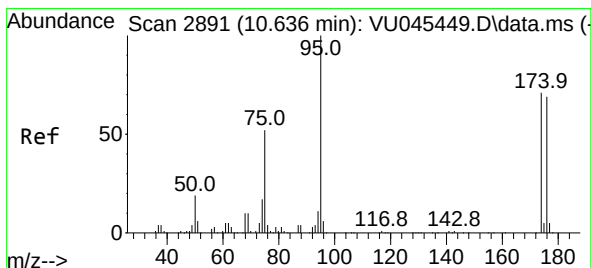
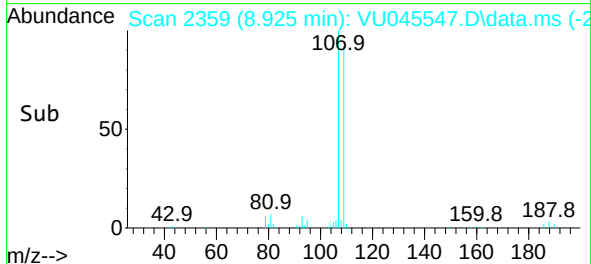
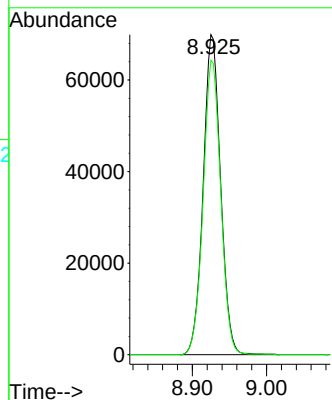
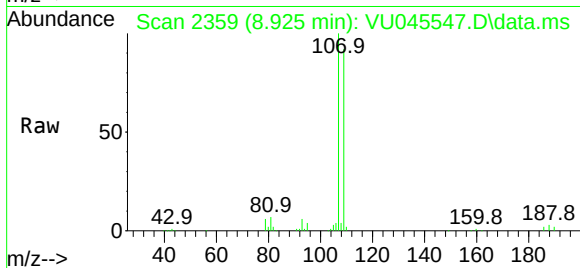




#61
1,2-Dibromoethane
Concen: 54.509 ug/l
RT: 8.925 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU045547.D
Acq: 04 Nov 2021 01:54

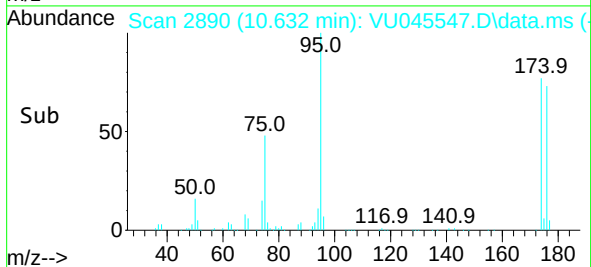
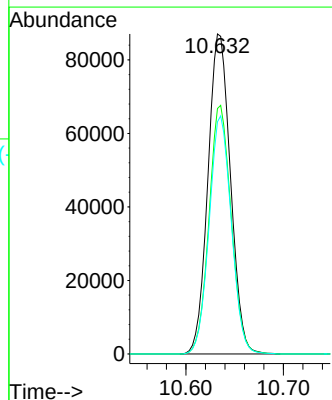
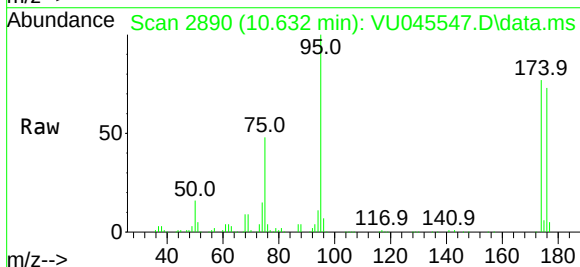
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

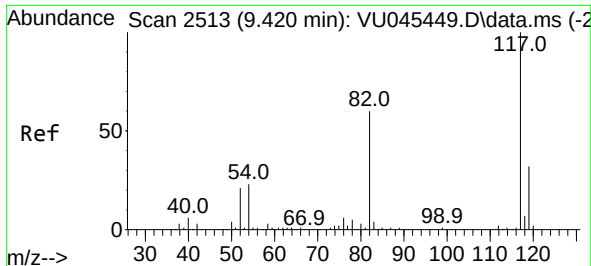
Tgt Ion:107 Resp: 113362
Ion Ratio Lower Upper
107 100
109 93.1 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 52.858 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU045547.D
Acq: 04 Nov 2021 01:54

Tgt Ion: 95 Resp: 140148
Ion Ratio Lower Upper
95 100
174 76.6 0.0 141.8
176 73.1 0.0 138.2

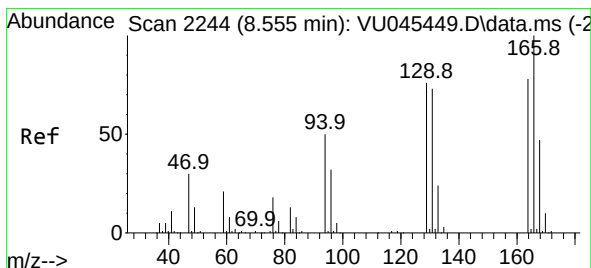
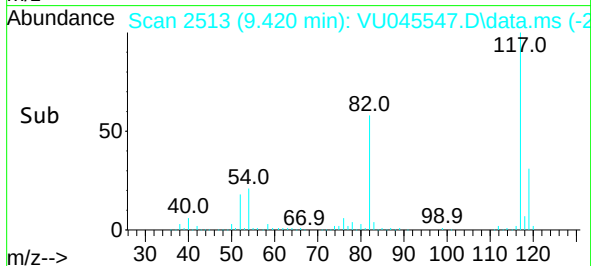
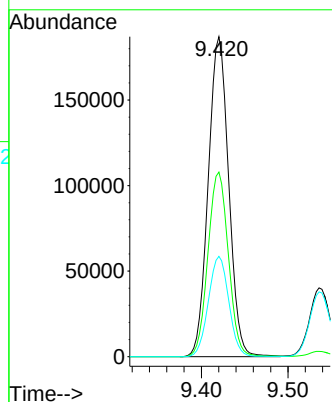
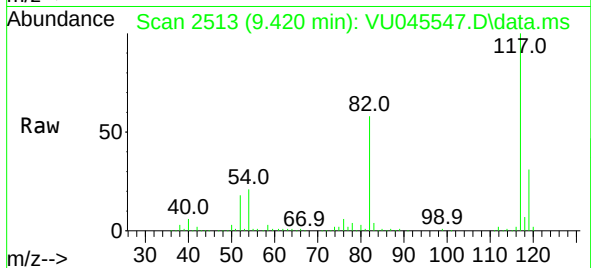




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045547.D
Acq: 04 Nov 2021 01:54

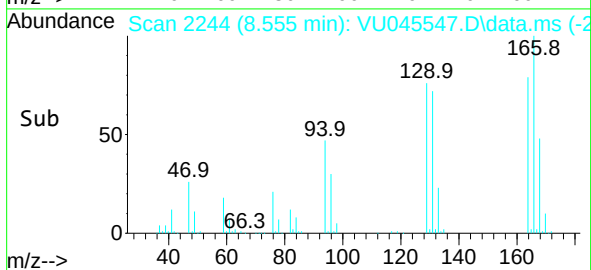
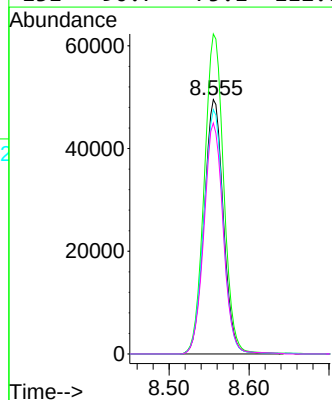
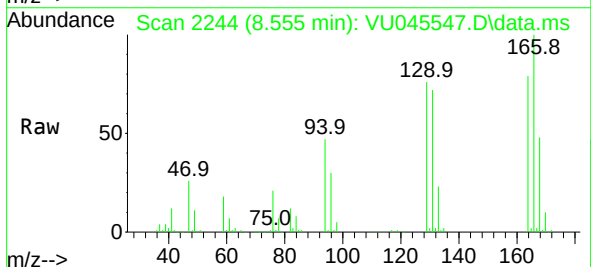
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

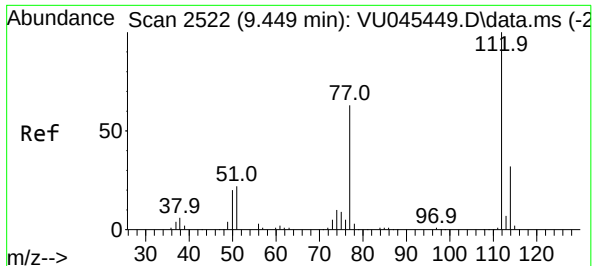
Tgt Ion:117 Resp: 306717
Ion Ratio Lower Upper
117 100
82 57.7 47.8 71.8
119 31.3 25.8 38.8



#64
Tetrachloroethene
Concen: 47.290 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045547.D
Acq: 04 Nov 2021 01:54

Tgt Ion:164 Resp: 82912
Ion Ratio Lower Upper
164 100
166 125.8 102.2 153.4
129 96.0 78.2 117.4
131 90.7 75.1 112.7

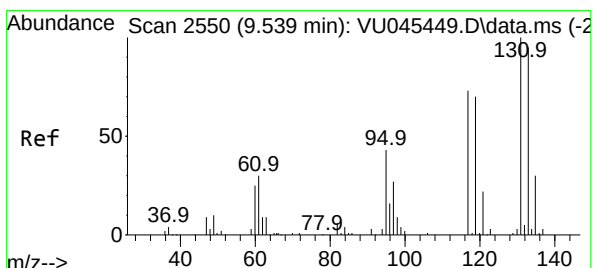
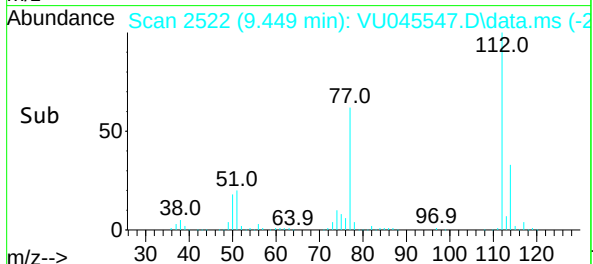
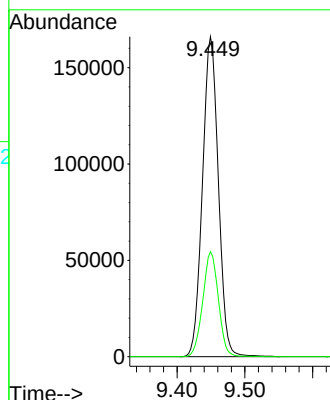
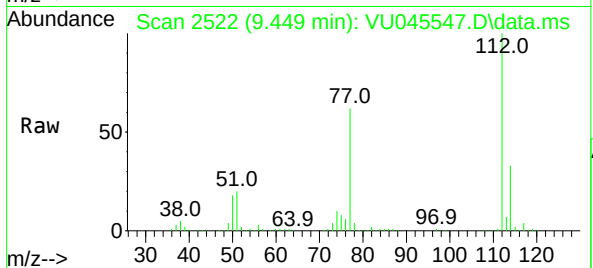




#65
Chlorobenzene
Concen: 46.487 ug/l
RT: 9.449 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VU045547.D
Acq: 04 Nov 2021 01:54

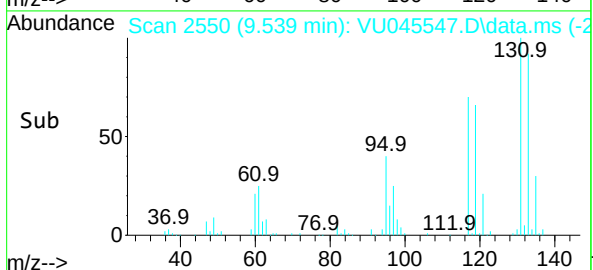
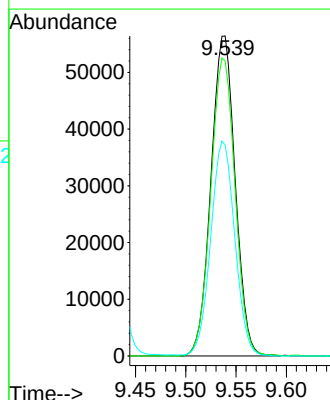
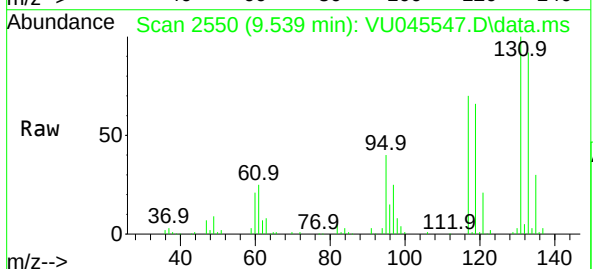
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

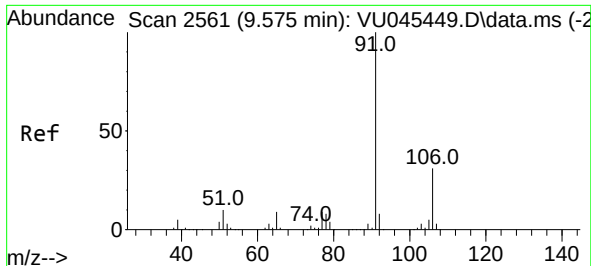
Tgt Ion:112 Resp: 270336
Ion Ratio Lower Upper
112 100
114 32.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 48.226 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. 0.000 min
Lab File: VU045547.D
Acq: 04 Nov 2021 01:54

Tgt Ion:131 Resp: 94621
Ion Ratio Lower Upper
131 100
133 93.4 47.9 143.6
119 66.9 34.5 103.6





#67

Ethyl Benzene

Concen: 46.799 ug/l

RT: 9.571 min Scan# 2561

Delta R.T. -0.003 min

Lab File: VU045547.D

Acq: 04 Nov 2021 01:54

Instrument :

MSVOA_U

ClientSampleId :

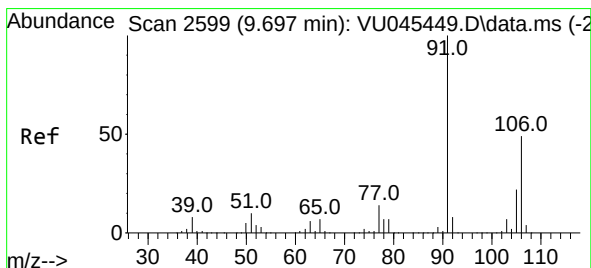
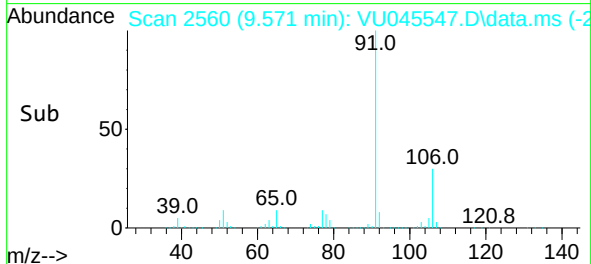
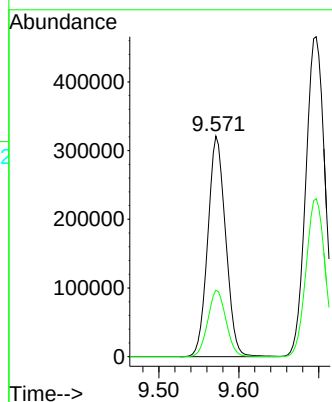
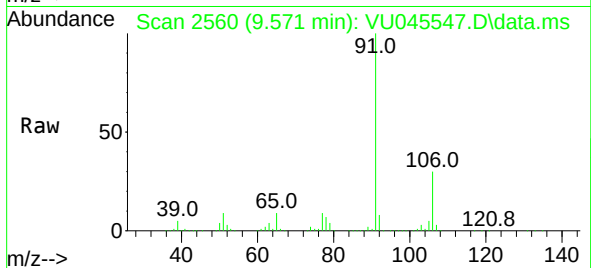
VSTDCCC050EC

Tgt Ion: 91 Resp: 498529

Ion Ratio Lower Upper

91 100

106 30.1 24.6 36.8



#68

m/p-Xylenes

Concen: 95.334 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.000 min

Lab File: VU045547.D

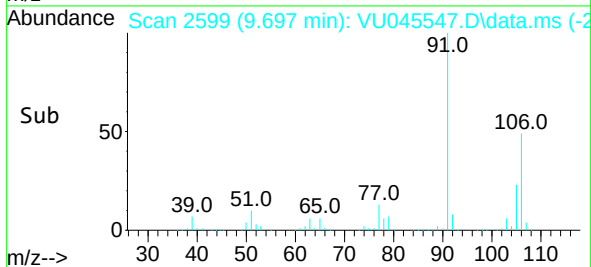
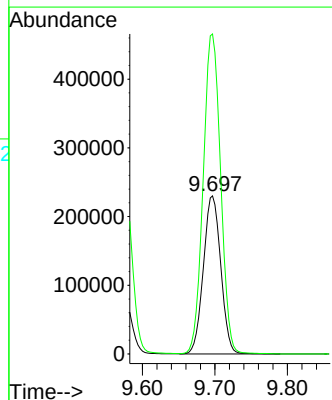
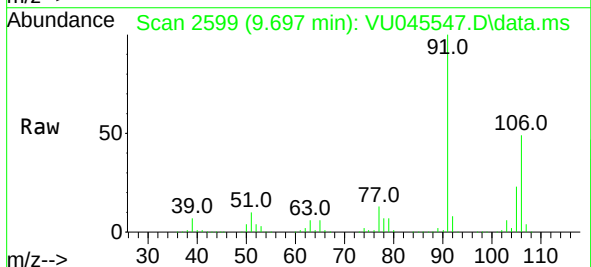
Acq: 04 Nov 2021 01:54

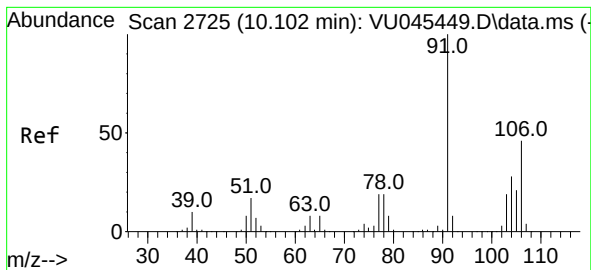
Tgt Ion: 106 Resp: 383349

Ion Ratio Lower Upper

106 100

91 203.4 164.7 247.1





#69

o-Xylene

Concen: 38.210 ug/l

RT: 10.102 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045547.D

Acq: 04 Nov 2021 01:54

Instrument :

MSVOA_U

ClientSampleId :

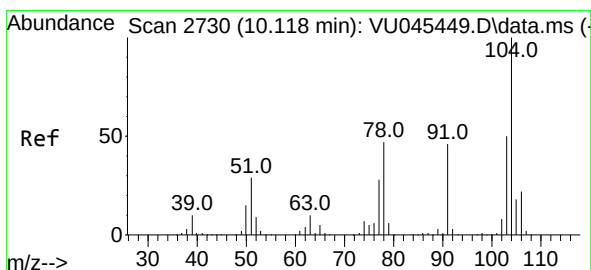
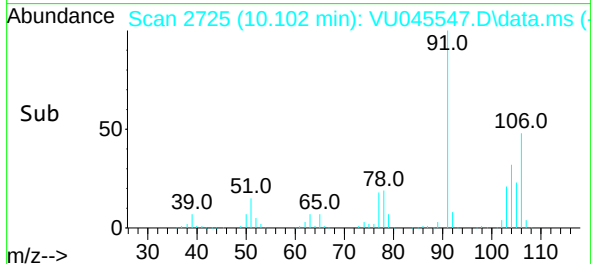
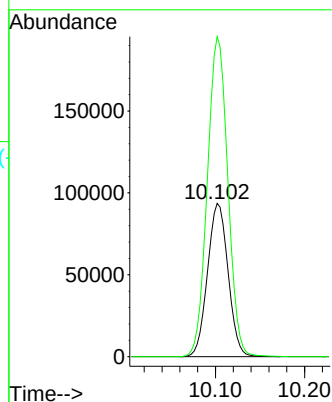
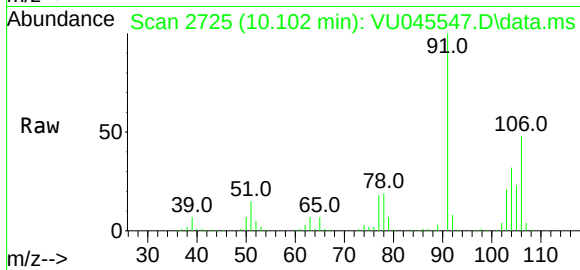
VSTDCCC050EC

Tgt Ion:106 Resp: 149818

Ion Ratio Lower Upper

106 100

91 208.3 108.7 326.3



#70

Styrene

Concen: 35.762 ug/l

RT: 10.115 min Scan# 2729

Delta R.T. -0.003 min

Lab File: VU045547.D

Acq: 04 Nov 2021 01:54

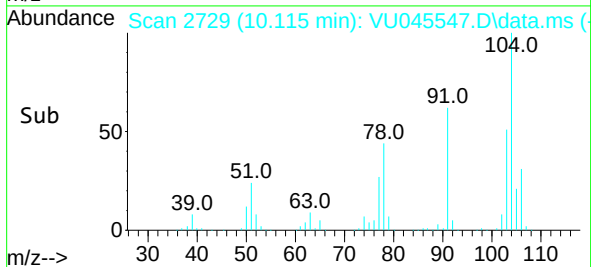
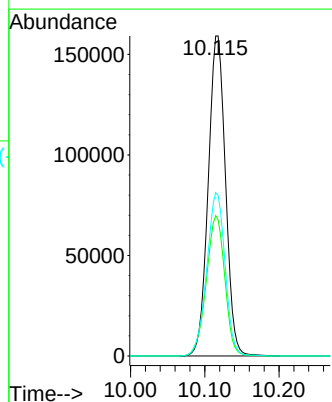
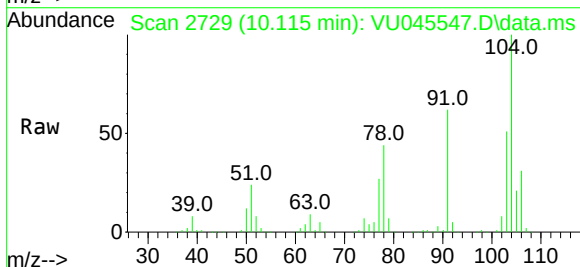
Tgt Ion:104 Resp: 257218

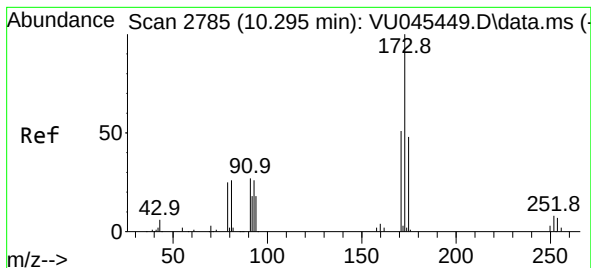
Ion Ratio Lower Upper

104 100

78 46.8 41.8 62.6

103 54.2 43.8 65.6





#71

Bromoform

Concen: 39.353 ug/l

RT: 10.292 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU045547.D

Acq: 04 Nov 2021 01:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

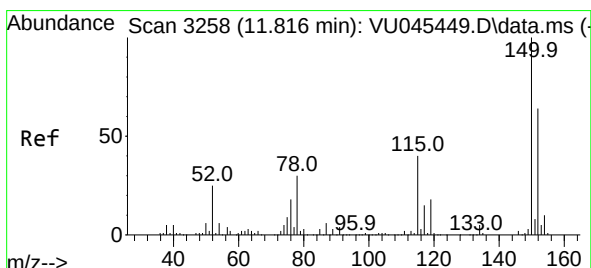
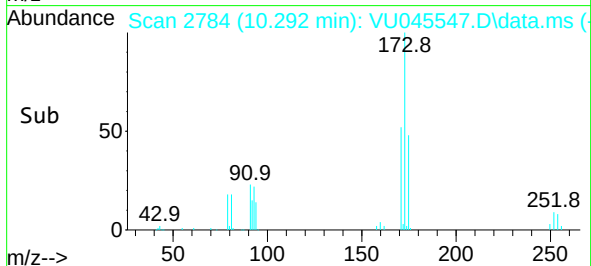
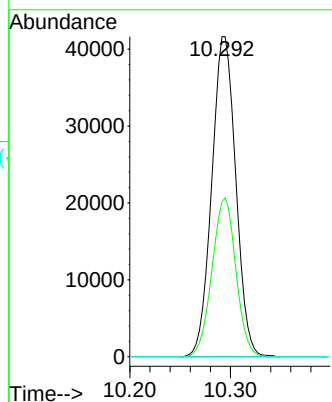
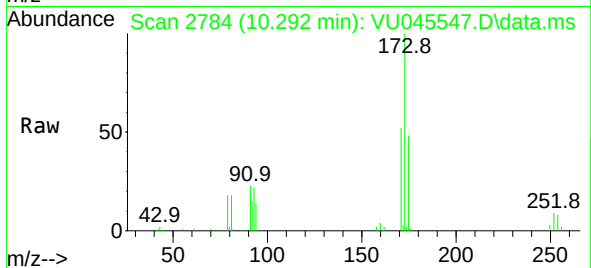
Tgt Ion:173 Resp: 69055

Ion Ratio Lower Upper

173 100

175 49.3 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: VU045547.D

Acq: 04 Nov 2021 01:54

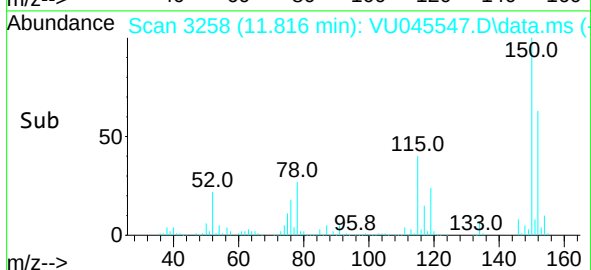
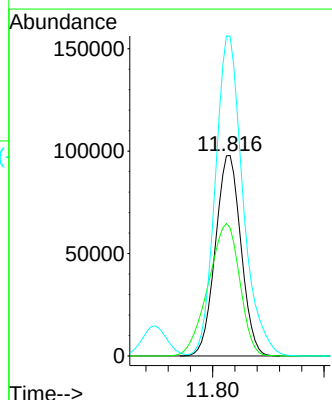
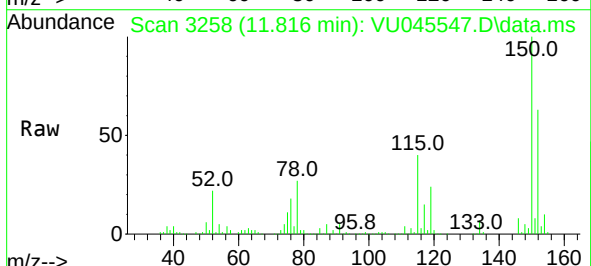
Tgt Ion:152 Resp: 155981

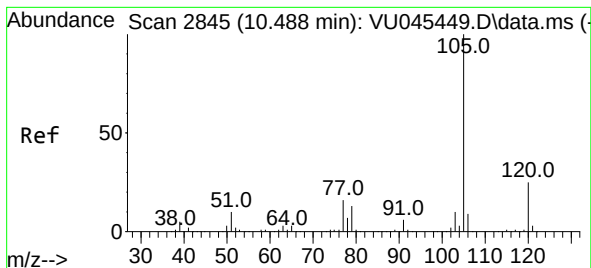
Ion Ratio Lower Upper

152 100

115 81.1 42.7 128.1

150 172.3 0.0 346.8





#73

Isopropylbenzene

Concen: 42.375 ug/l

RT: 10.488 min Scan# 2845

Delta R.T. 0.000 min

Lab File: VU045547.D

Acq: 04 Nov 2021 01:54

Instrument :

MSVOA_U

ClientSampleId :

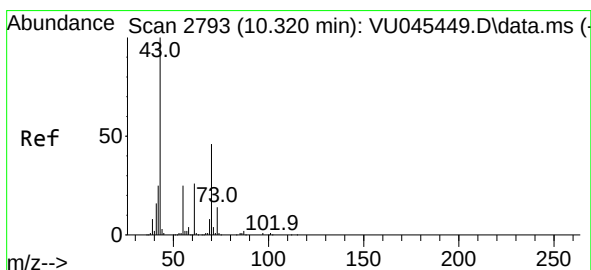
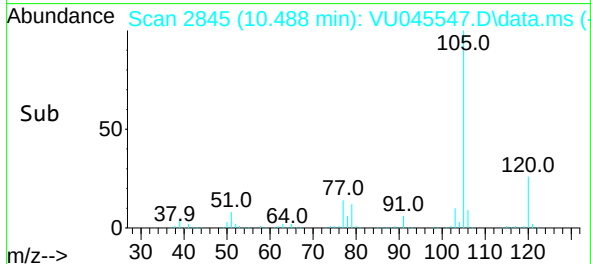
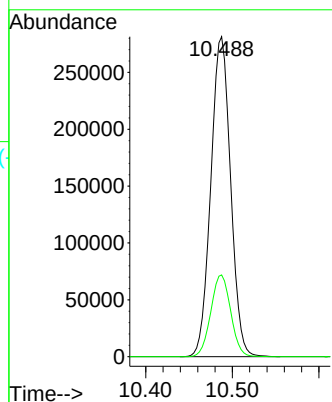
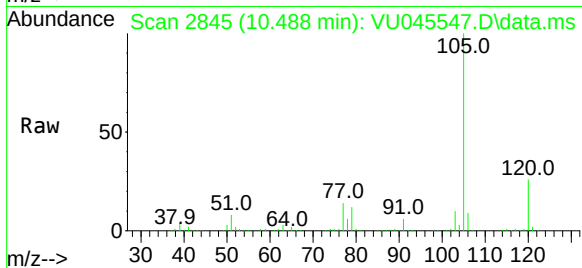
VSTDCCC050EC

Tgt Ion:105 Resp: 445681

Ion Ratio Lower Upper

105 100

120 25.7 12.9 38.6



#74

N-ethyl acetate

Concen: 28.959 ug/l

RT: 10.320 min Scan# 2793

Delta R.T. 0.000 min

Lab File: VU045547.D

Acq: 04 Nov 2021 01:54

Tgt Ion: 43 Resp: 155264

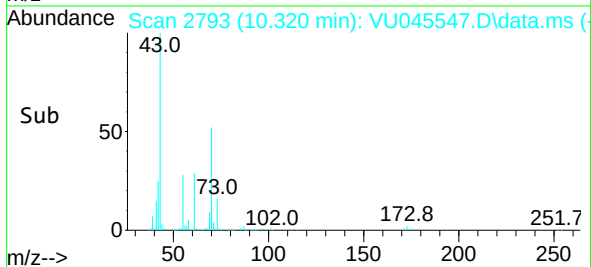
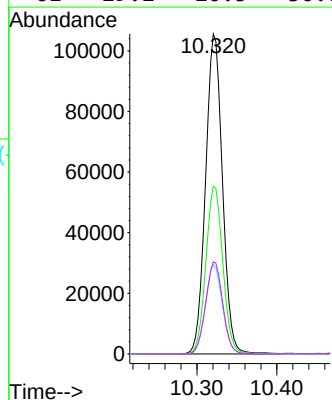
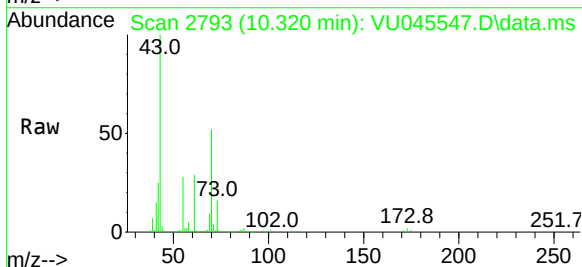
Ion Ratio Lower Upper

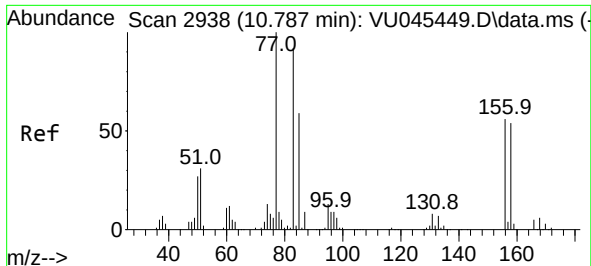
43 100

70 52.8 36.9 55.3

55 28.0 20.6 31.0

61 29.2 20.5 30.7

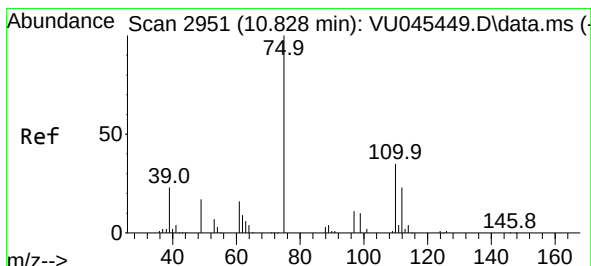
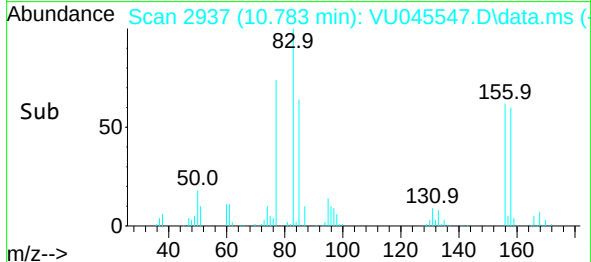
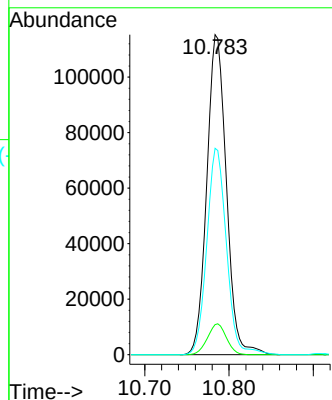
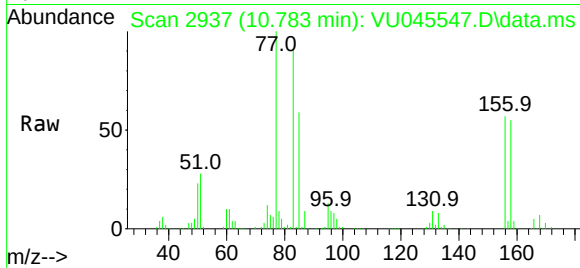




#75
 1,1,2,2-Tetrachloroethane
 Concen: 44.652 ug/l
 RT: 10.783 min Scan# 2937
 Delta R.T. -0.003 min
 Lab File: VU045547.D
 Acq: 04 Nov 2021 01:54

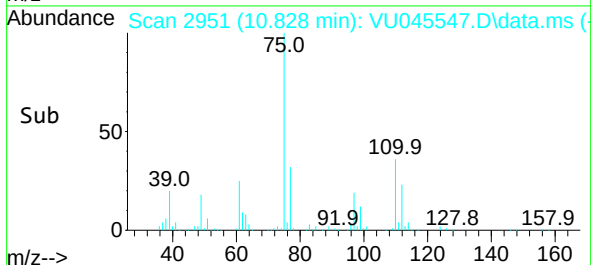
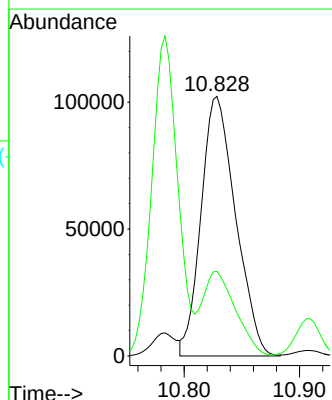
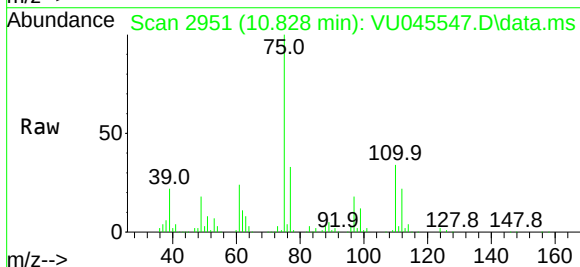
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

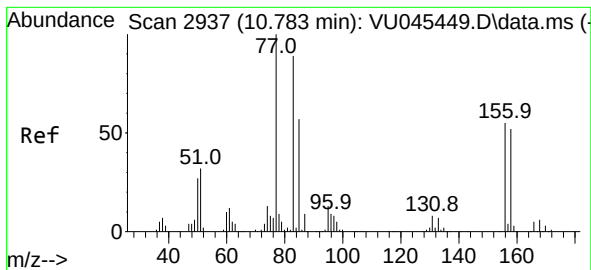
Tgt Ion: 83 Resp: 186394
 Ion Ratio Lower Upper
 83 100
 131 9.3 4.4 13.2
 85 64.7 31.9 95.9



#76
 1,2,3-Trichloropropane
 Concen: 51.183 ug/l
 RT: 10.828 min Scan# 2951
 Delta R.T. 0.000 min
 Lab File: VU045547.D
 Acq: 04 Nov 2021 01:54

Tgt Ion: 75 Resp: 212712
 Ion Ratio Lower Upper
 75 100
 77 31.1 17.1 51.3





#77

Bromobenzene

Concen: 46.289 ug/l

RT: 10.783 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU045547.D

Acq: 04 Nov 2021 01:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

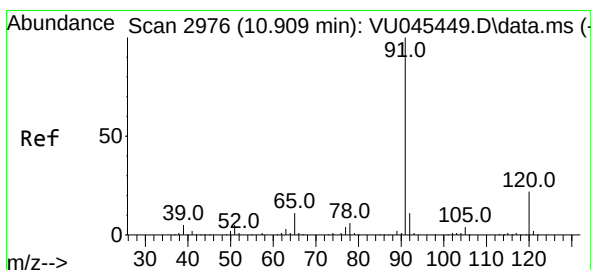
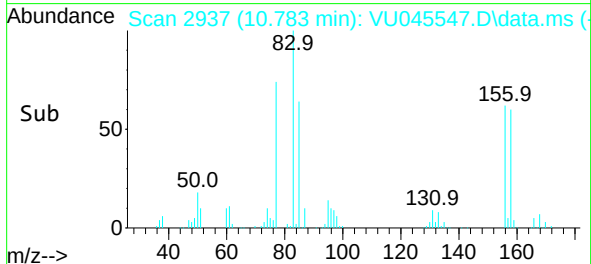
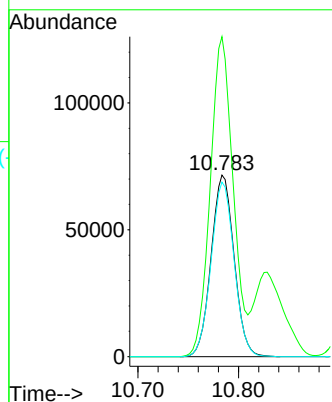
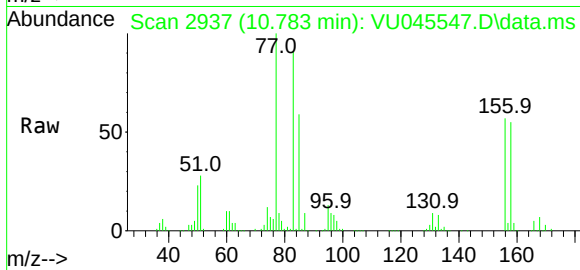
Tgt Ion:156 Resp: 113594

Ion Ratio Lower Upper

156 100

77 175.2 91.1 273.4

158 96.4 47.9 143.6



#78

n-propylbenzene

Concen: 45.550 ug/l

RT: 10.909 min Scan# 2976

Delta R.T. 0.000 min

Lab File: VU045547.D

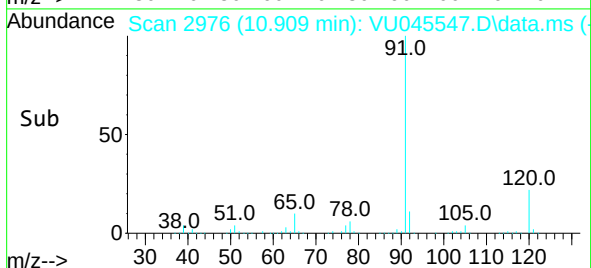
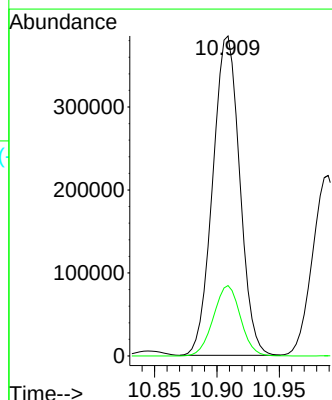
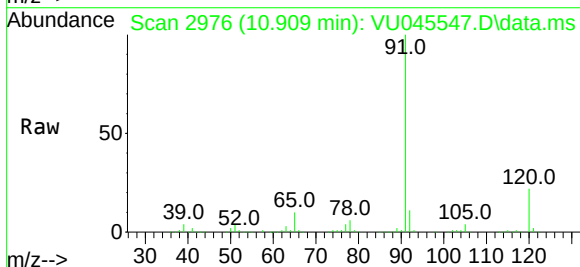
Acq: 04 Nov 2021 01:54

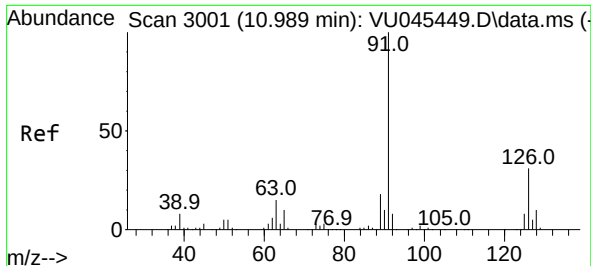
Tgt Ion: 91 Resp: 580824

Ion Ratio Lower Upper

91 100

120 22.1 10.9 32.7





#79

2-Chlorotoluene

Concen: 44.865 ug/l

RT: 10.989 min Scan# 3001

Delta R.T. 0.000 min

Lab File: VU045547.D

Acq: 04 Nov 2021 01:54

Instrument :

MSVOA_U

ClientSampleId :

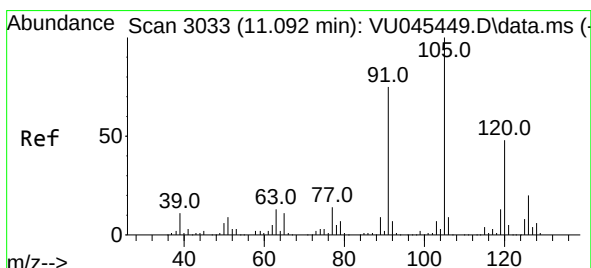
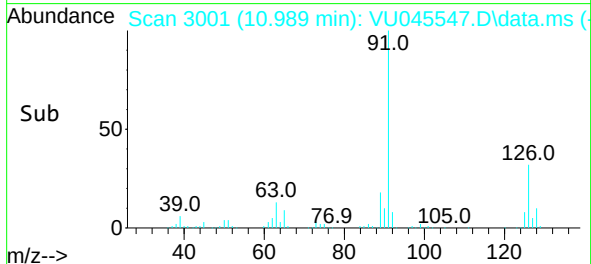
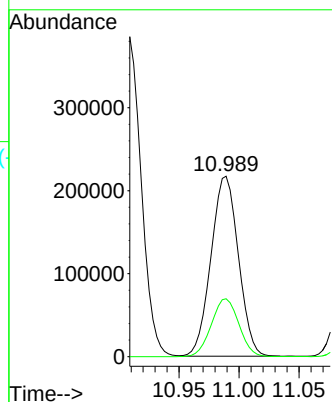
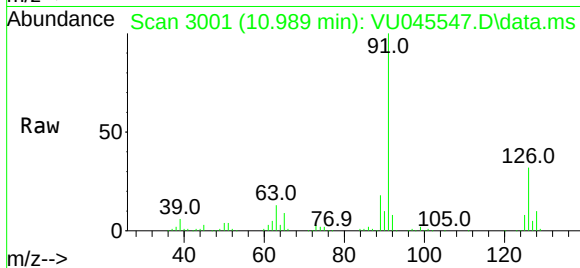
VSTDCCC050EC

Tgt Ion: 91 Resp: 344350

Ion Ratio Lower Upper

91 100

126 32.4 15.6 46.8



#80

1,3,5-Trimethylbenzene

Concen: 47.176 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. -0.003 min

Lab File: VU045547.D

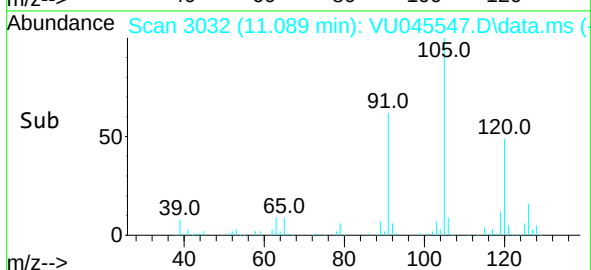
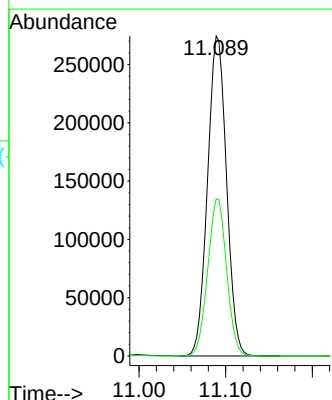
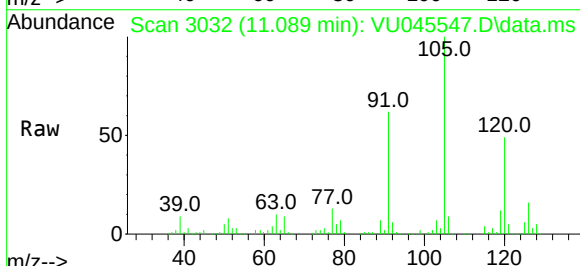
Acq: 04 Nov 2021 01:54

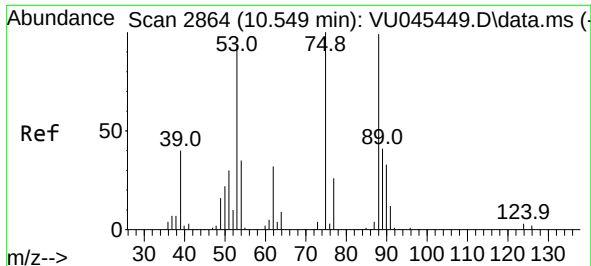
Tgt Ion: 105 Resp: 417512

Ion Ratio Lower Upper

105 100

120 48.9 23.9 71.8

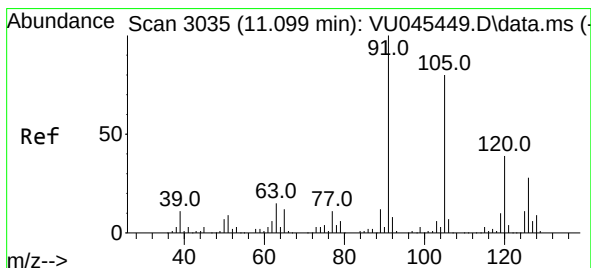
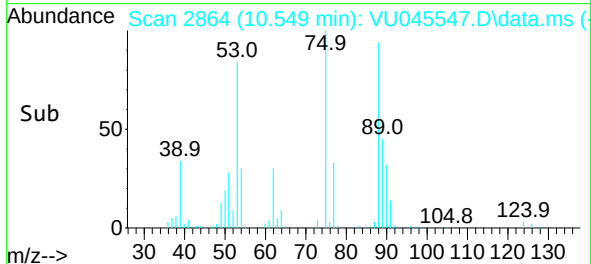
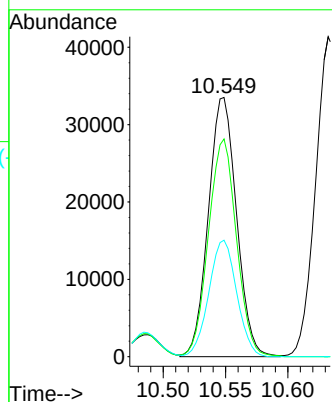
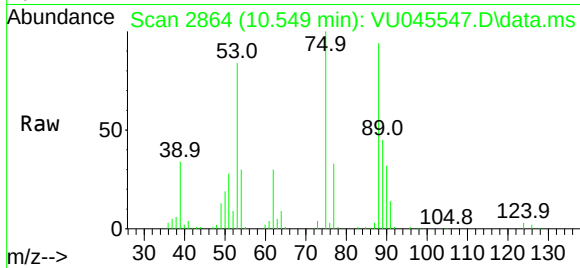




#81
trans-1,4-Dichloro-2-butene
Concen: 36.276 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.000 min
Lab File: VU045547.D
Acq: 04 Nov 2021 01:54

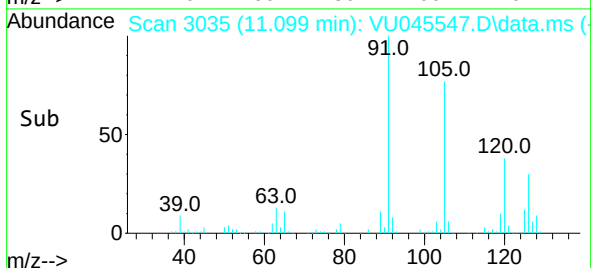
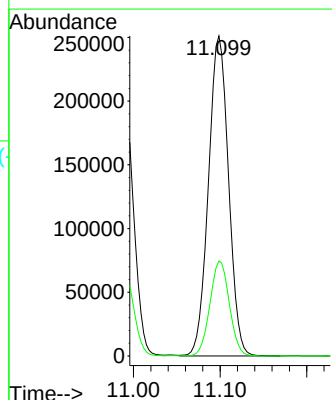
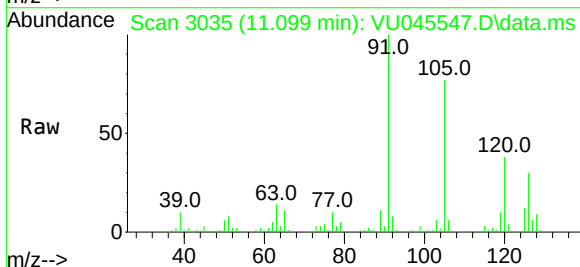
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

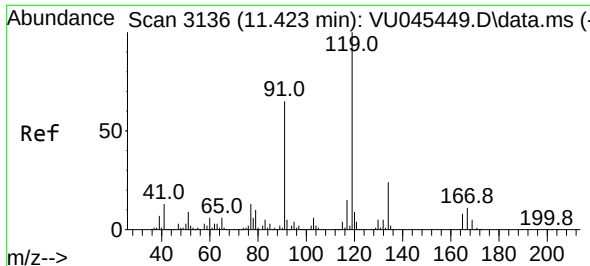
Tgt Ion: 75 Resp: 52789
Ion Ratio Lower Upper
75 100
53 83.8 76.2 114.4
89 44.6 34.0 51.0



#82
4-Chlorotoluene
Concen: 46.382 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU045547.D
Acq: 04 Nov 2021 01:54

Tgt Ion: 91 Resp: 404822
Ion Ratio Lower Upper
91 100
126 28.6 13.8 41.4

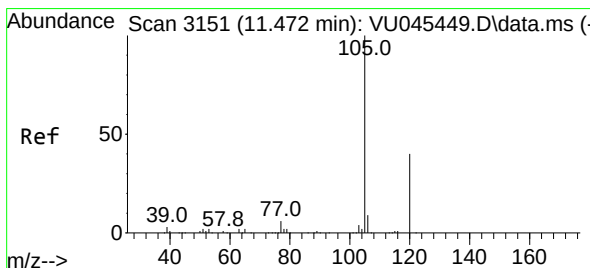
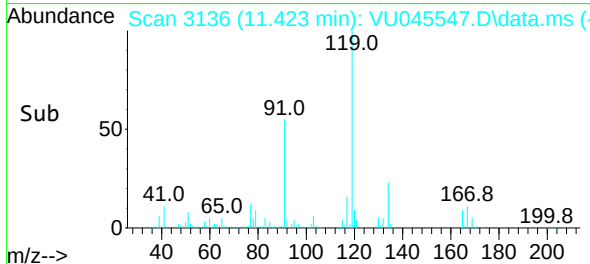
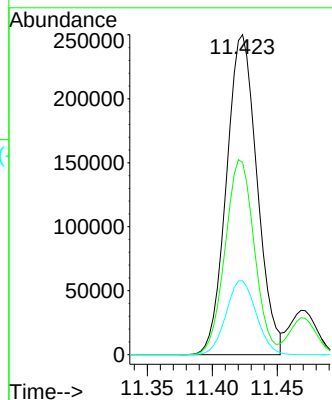
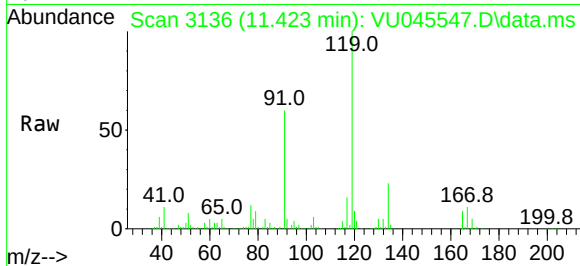




#83
tert-Butylbenzene
Concen: 48.045 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU045547.D
Acq: 04 Nov 2021 01:54

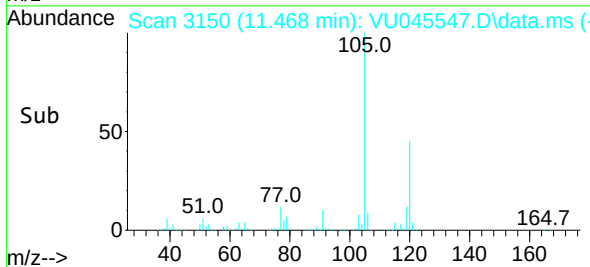
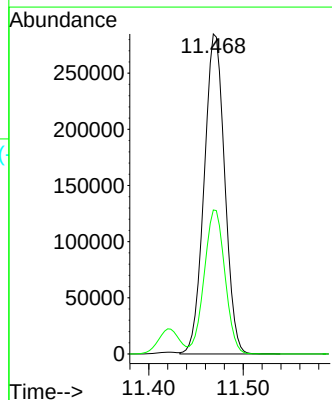
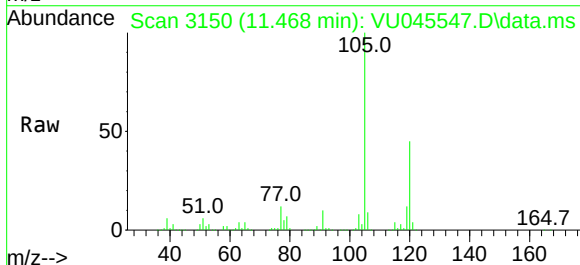
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

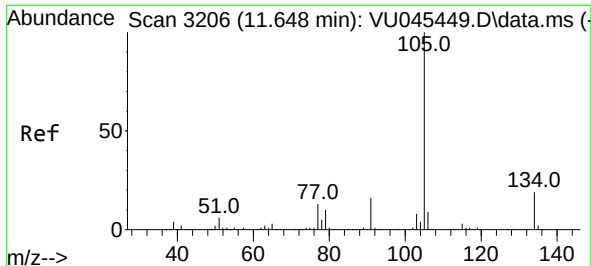
Tgt Ion:119 Resp: 410434
Ion Ratio Lower Upper
119 100
91 58.1 30.5 91.5
134 22.8 11.5 34.5



#84
1,2,4-Trimethylbenzene
Concen: 48.518 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. -0.004 min
Lab File: VU045547.D
Acq: 04 Nov 2021 01:54

Tgt Ion:105 Resp: 430235
Ion Ratio Lower Upper
105 100
120 45.3 22.2 66.6

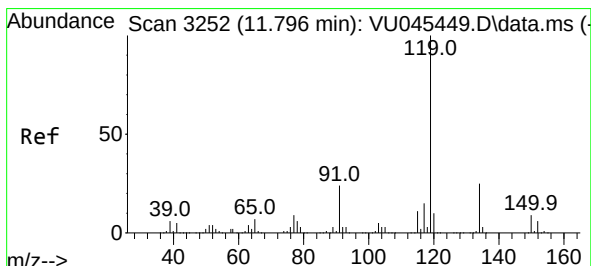
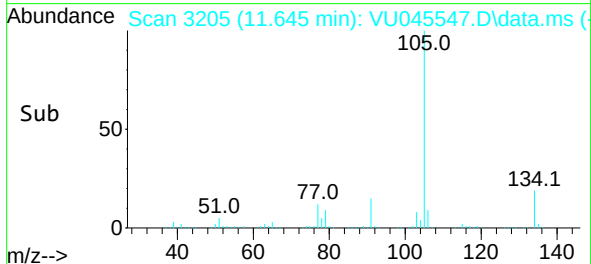
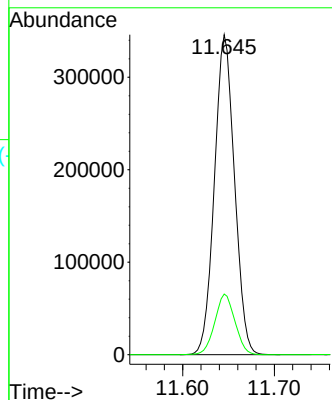
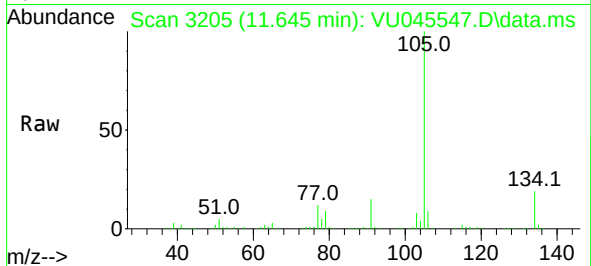




#85
 sec-Butylbenzene
 Concen: 46.944 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU045547.D
 Acq: 04 Nov 2021 01:54

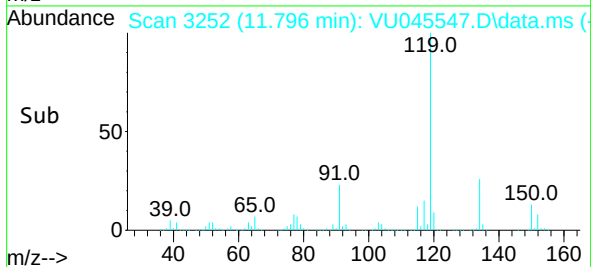
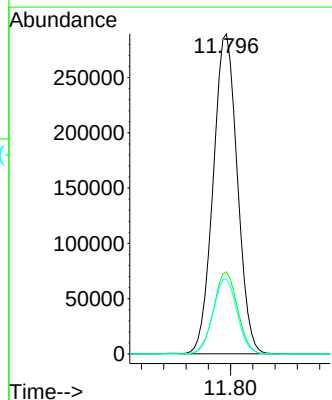
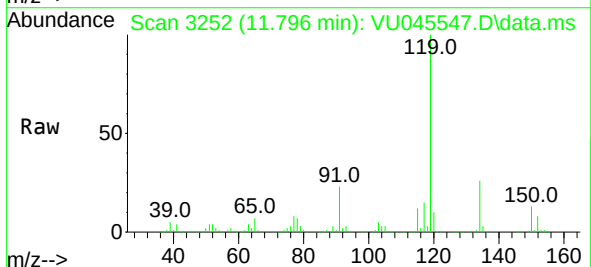
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

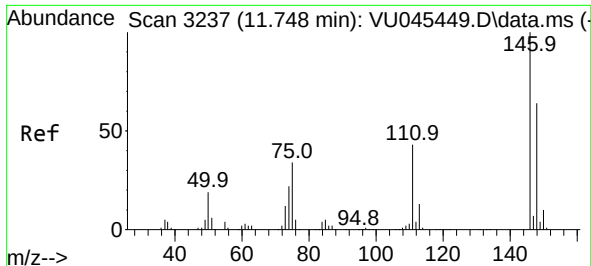
Tgt Ion:105 Resp: 526258
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.4 28.3



#86
 p-Isopropyltoluene
 Concen: 43.789 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU045547.D
 Acq: 04 Nov 2021 01:54

Tgt Ion:119 Resp: 434653
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.7 38.1
 91 23.6 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 46.149 ug/l

RT: 11.748 min Scan# 3237

Delta R.T. 0.000 min

Lab File: VU045547.D

Acq: 04 Nov 2021 01:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

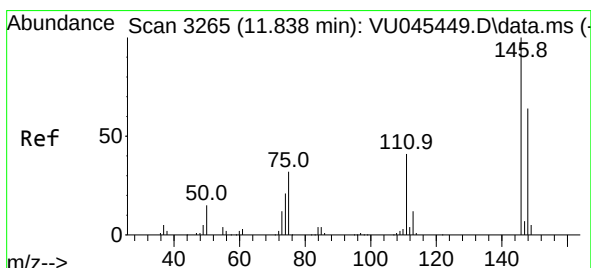
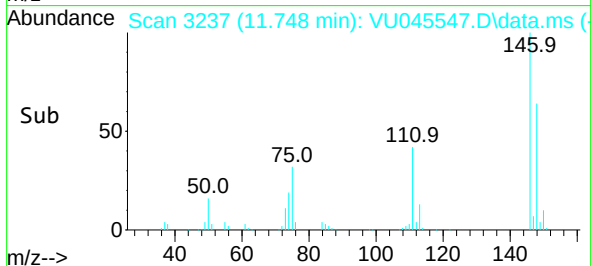
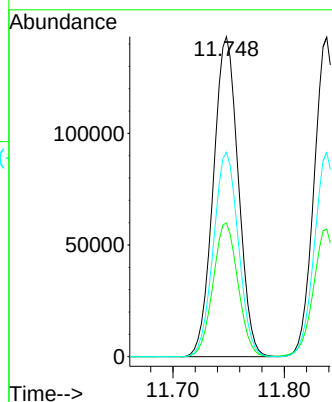
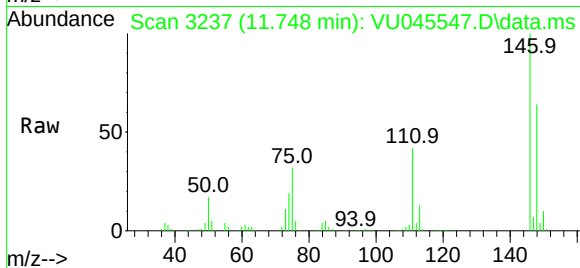
Tgt Ion:146 Resp: 223554

Ion Ratio Lower Upper

146 100

111 41.6 21.3 63.9

148 63.8 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 43.156 ug/l

RT: 11.838 min Scan# 3265

Delta R.T. 0.000 min

Lab File: VU045547.D

Acq: 04 Nov 2021 01:54

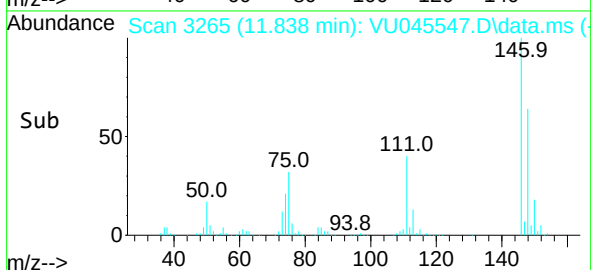
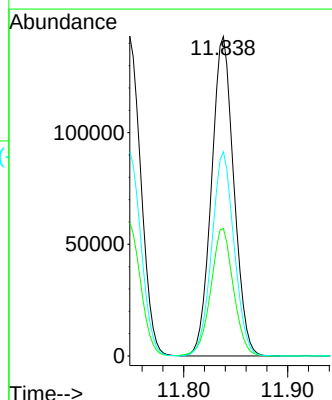
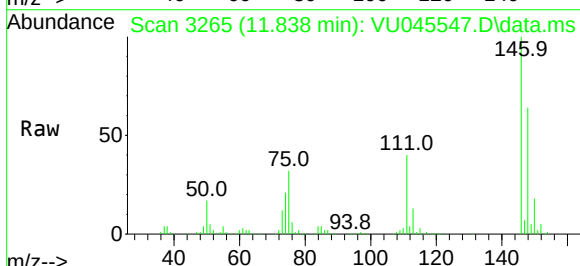
Tgt Ion:146 Resp: 213777

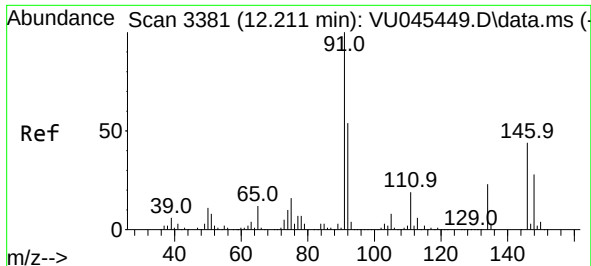
Ion Ratio Lower Upper

146 100

111 40.4 20.6 61.9

148 64.0 31.9 95.7

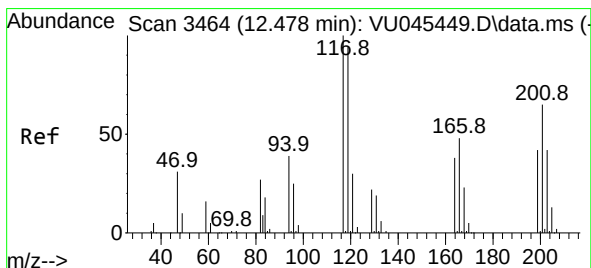
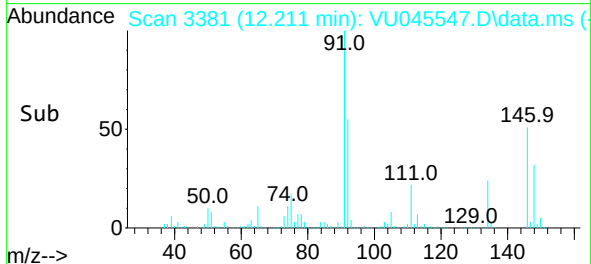
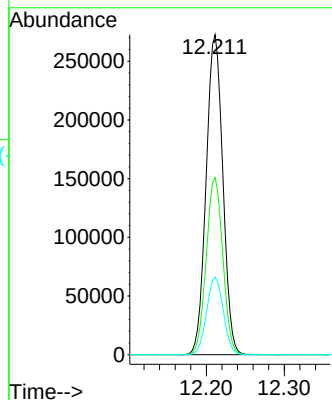
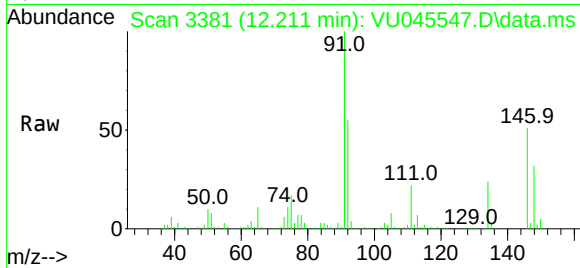




#89
n-Butylbenzene
Concen: 41.859 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU045547.D
Acq: 04 Nov 2021 01:54

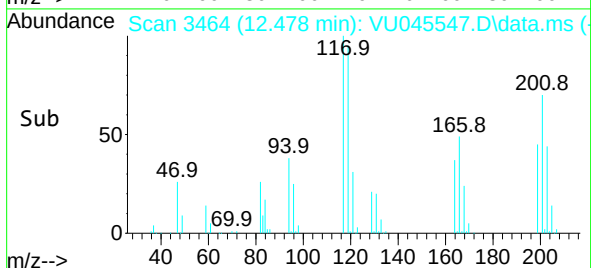
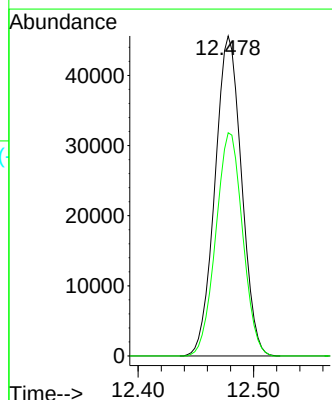
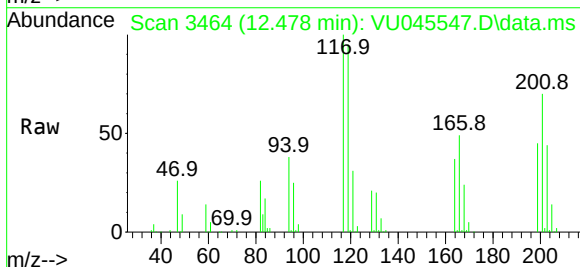
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

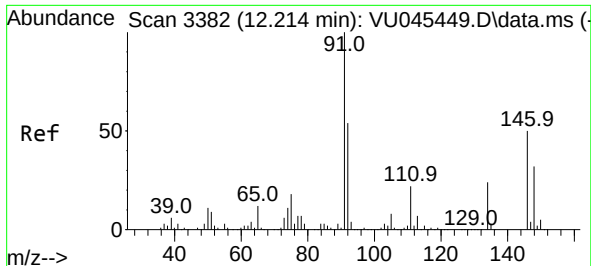
Tgt Ion: 91 Resp: 405370
Ion Ratio Lower Upper
91 100
92 55.0 27.1 81.2
134 24.3 11.8 35.4



#90
Hexachloroethane
Concen: 45.574 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.000 min
Lab File: VU045547.D
Acq: 04 Nov 2021 01:54

Tgt Ion: 117 Resp: 72923
Ion Ratio Lower Upper
117 100
201 70.5 33.8 101.4

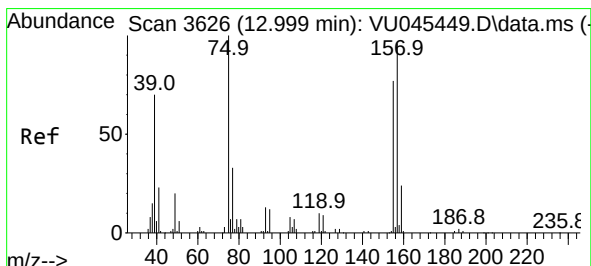
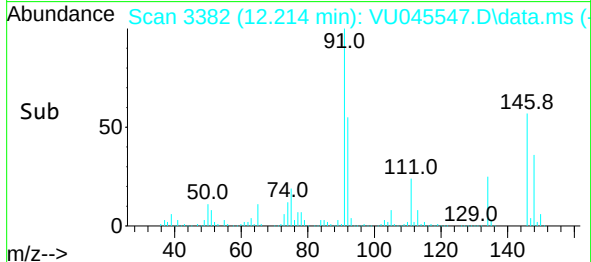
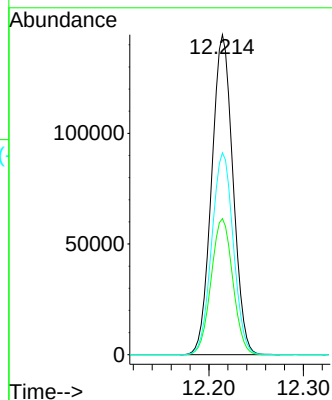
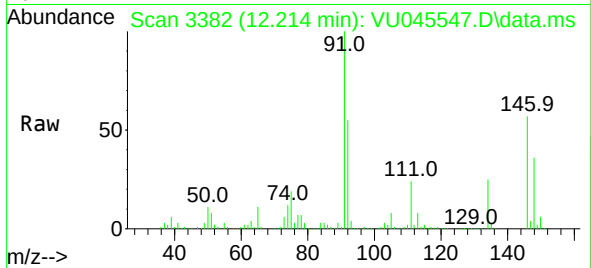




#91
1,2-Dichlorobenzene
Concen: 46.795 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU045547.D
Acq: 04 Nov 2021 01:54

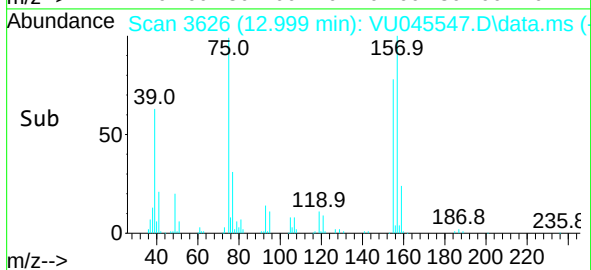
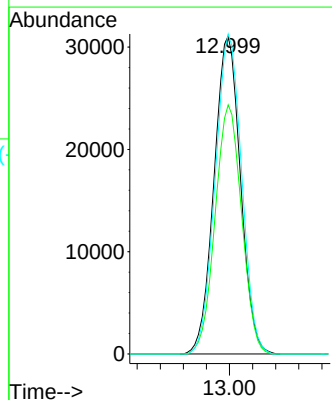
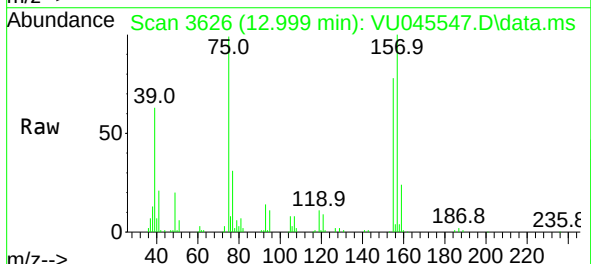
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

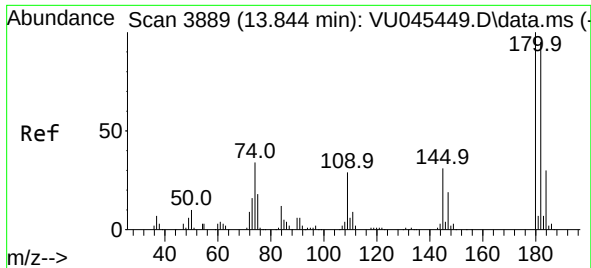
Tgt Ion:146 Resp: 226722
Ion Ratio Lower Upper
146 100
111 43.1 21.9 65.5
148 63.9 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.291 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU045547.D
Acq: 04 Nov 2021 01:54

Tgt Ion: 75 Resp: 49420
Ion Ratio Lower Upper
75 100
155 78.4 37.8 113.3
157 100.4 48.4 145.2

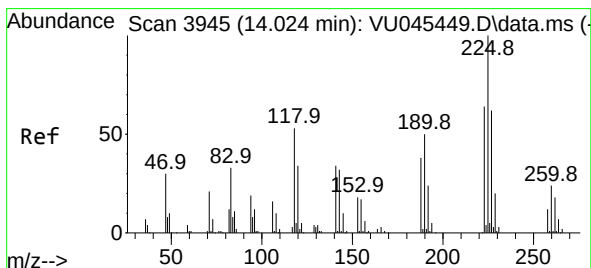
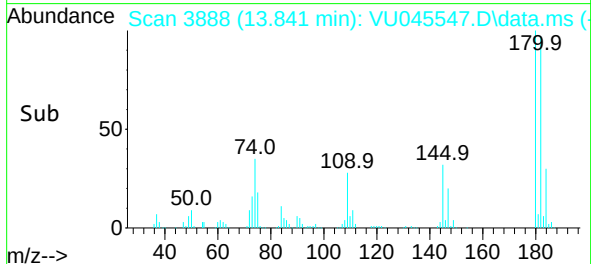
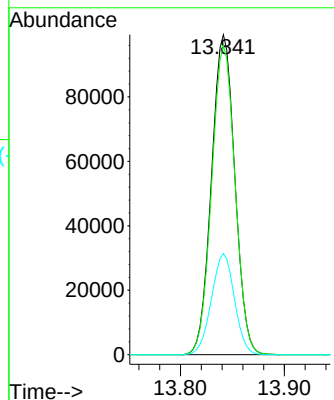
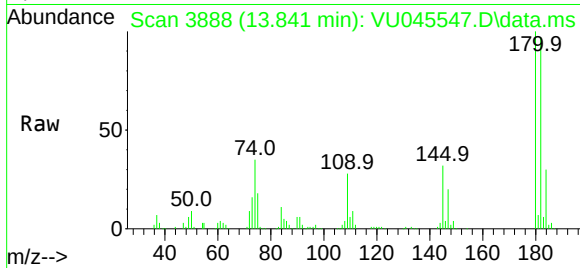




#93
1,2,4-Trichlorobenzene
Concen: 47.709 ug/l
RT: 13.841 min Scan# 3889
Delta R.T. -0.003 min
Lab File: VU045547.D
Acq: 04 Nov 2021 01:54

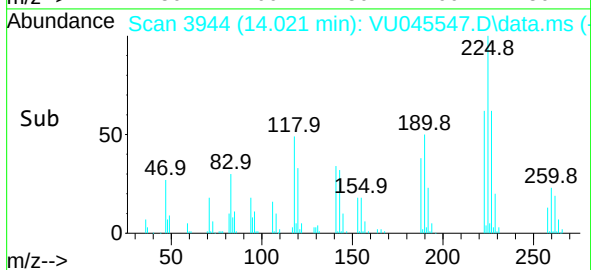
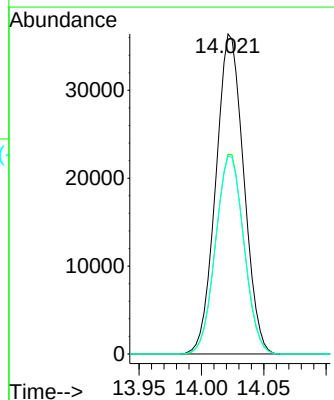
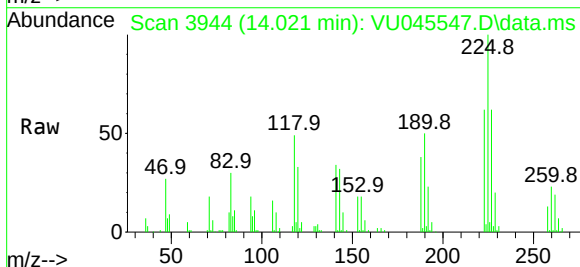
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

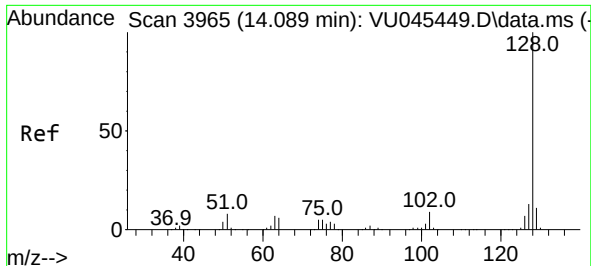
Tgt Ion:180 Resp: 154796
Ion Ratio Lower Upper
180 100
182 96.7 47.0 141.2
145 31.2 15.6 46.7



#94
Hexachlorobutadiene
Concen: 48.088 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. -0.003 min
Lab File: VU045547.D
Acq: 04 Nov 2021 01:54

Tgt Ion:225 Resp: 56809
Ion Ratio Lower Upper
225 100
223 63.1 32.0 96.2
227 63.0 31.1 93.5

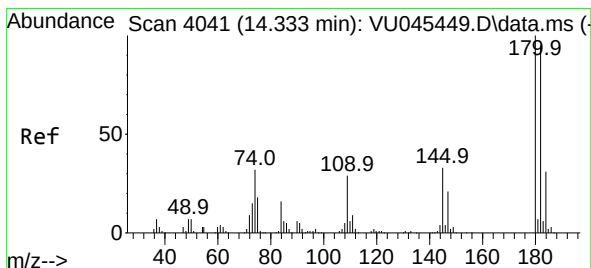
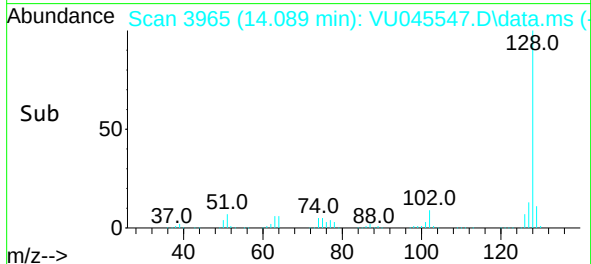
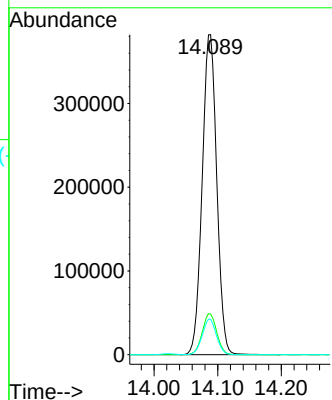
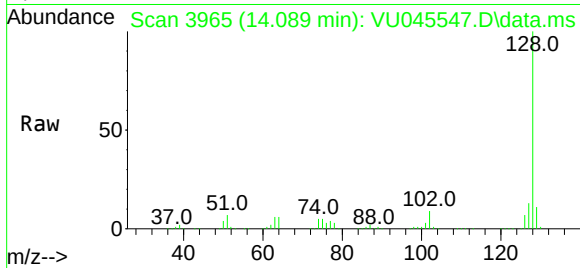




#95
Naphthalene
Concen: 47.284 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045547.D
Acq: 04 Nov 2021 01:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 606468
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 48.882 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. -0.003 min
Lab File: VU045547.D
Acq: 04 Nov 2021 01:54

Tgt Ion:180 Resp: 159869
Ion Ratio Lower Upper
180 100
182 94.4 47.7 143.1
145 32.9 16.7 50.0

