

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110221\
 Data File : VU045489.D
 Acq On : 01 Nov 2021 15:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 02 07:32:34 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	194591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	352366	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	335253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	166087	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.706	65	153177	48.351	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.700%
35) Dibromofluoromethane	5.295	113	111878	49.934	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.860%
50) Toluene-d8	7.903	98	445514	50.708	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.420%
62) 4-Bromofluorobenzene	10.636	95	170222	50.844	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.680%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.385	85	138052	48.443	ug/l	100
3) Chloromethane	1.520	50	180046	46.498	ug/l	99
4) Vinyl Chloride	1.604	62	157828	49.099	ug/l	100
5) Bromomethane	1.861	94	96704	49.556	ug/l	99
6) Chloroethane	1.935	64	91133	47.056	ug/l	99
7) Trichlorofluoromethane	2.141	101	183259	50.920	ug/l	100
8) Diethyl Ether	2.379	74	86543	51.865	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.584	101	111891	51.748	ug/l	99
10) Methyl Iodide	2.726	142	76442	39.138	ug/l	100
11) Tert butyl alcohol	3.218	59	190171	278.100	ug/l	100
12) 1,1-Dichloroethene	2.584	96	111585	50.192	ug/l	97
13) Acrolein	2.491	56	30868	201.687	ug/l	98
14) Allyl chloride	2.928	41	211032	51.694	ug/l	100
15) Acrylonitrile	3.321	53	432267	260.728	ug/l	99
16) Acetone	2.642	43	444742	309.229	ug/l	99
17) Carbon Disulfide	2.797	76	324620	50.174	ug/l	100
18) Methyl Acetate	2.954	43	275379	51.417	ug/l	100
19) Methyl tert-butyl Ether	3.366	73	424518	51.899	ug/l	99
20) Methylene Chloride	3.051	84	136031	47.465	ug/l	99
21) trans-1,2-Dichloroethene	3.356	96	121158	50.572	ug/l	97
22) Diisopropyl ether	3.996	45	419036	52.491	ug/l	99
23) Vinyl Acetate	3.961	43	1650078	266.472	ug/l	100
24) 1,1-Dichloroethane	3.877	63	236269	50.507	ug/l	99
25) 2-Butanone	4.710	43	614382	282.970	ug/l	99
26) 2,2-Dichloropropane	4.671	77	188810	52.099	ug/l	100
27) cis-1,2-Dichloroethene	4.671	96	143260	51.966	ug/l	99
28) Bromochloromethane	4.980	49	112448	48.733	ug/l	99
29) Tetrahydrofuran	5.057	42	367894	261.279	ug/l	100
30) Chloroform	5.092	83	231577	51.055	ug/l	99
31) Cyclohexane	5.391	56	226760	48.077	ug/l	100
32) 1,1,1-Trichloroethane	5.321	97	190233	51.103	ug/l	99
36) 1,1-Dichloropropene	5.530	75	175456	52.309	ug/l	99
37) Ethyl Acetate	4.806	43	212937	52.419	ug/l	100
38) Carbon Tetrachloride	5.530	117	151964	51.947	ug/l	98
39) Methylcyclohexane	6.768	83	224937	53.927	ug/l	99
40) Benzene	5.777	78	522199	51.719	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	118256	55.007	ug/l	99
42) 1,2-Dichloroethane	5.800	62	191674	51.687	ug/l	99
43) Isopropyl Acetate	5.912	43	328670	53.687	ug/l	99
44) Trichloroethene	6.546	130	123366	52.716	ug/l	99
45) 1,2-Dichloropropane	6.796	63	139044	52.326	ug/l	99
46) Dibromomethane	6.922	93	92753	53.608	ug/l	99
47) Bromodichloromethane	7.108	83	180667	53.058	ug/l	97
48) Methyl methacrylate	6.964	41	156587	53.964	ug/l	100
49) 1,4-Dioxane	7.012	88	88306	1197.455	ug/l #	98
51) 4-Methyl-2-Pentanone	7.793	43	1065635	269.315	ug/l	99
52) Toluene	7.973	92	327489	53.356	ug/l	100
53) t-1,3-Dichloropropene	8.214	75	210625	54.271	ug/l	100
54) cis-1,3-Dichloropropene	7.610	75	226786	54.564	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	130817	52.178	ug/l	99
56) Ethyl methacrylate	8.337	69	224189	48.906	ug/l	100
57) 1,3-Dichloropropane	8.578	76	234582	52.711	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	596123	259.402	ug/l	99
59) 2-Hexanone	8.687	43	848829	276.879	ug/l	100
60) Dibromochloromethane	8.812	129	129138	53.670	ug/l	100
61) 1,2-Dibromoethane	8.928	107	141837	54.011	ug/l	98
64) Tetrachloroethene	8.558	164	101729	53.084	ug/l	99
65) Chlorobenzene	9.449	112	331257	52.114	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.539	131	114509	53.395	ug/l	99
67) Ethyl Benzene	9.575	91	622280	53.443	ug/l	99
68) m/p-Xylenes	9.697	106	475023	108.077	ug/l	99
69) o-Xylene	10.102	106	230939	53.885	ug/l	99
70) Styrene	10.118	104	397184	50.119	ug/l	99
71) Bromoform	10.295	173	94114	48.578	ug/l #	99
73) Isopropylbenzene	10.488	105	600158	53.590	ug/l	100
74) N-amyl acetate	10.320	43	282670	48.694	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	230845	51.936	ug/l	100
76) 1,2,3-Trichloropropane	10.828	75	270590	61.147	ug/l	93
77) Bromobenzene	10.787	156	138847	53.137	ug/l	99
78) n-propylbenzene	10.909	91	746304	54.966	ug/l	100
79) 2-Chlorotoluene	10.989	91	432951	52.977	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	517738	54.941	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	78351	49.491	ug/l	98
82) 4-Chlorotoluene	11.099	91	510132	54.892	ug/l	100
83) tert-Butylbenzene	11.423	119	493043	54.203	ug/l	99
84) 1,2,4-Trimethylbenzene	11.472	105	520249	55.099	ug/l	100
85) sec-Butylbenzene	11.645	105	654900	54.864	ug/l	99
86) p-Isopropyltoluene	11.796	119	542515	51.298	ug/l	100
87) 1,3-Dichlorobenzene	11.748	146	271470	52.631	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	276012	52.329	ug/l	100
89) n-Butylbenzene	12.211	91	531585	51.335	ug/l	100
90) Hexachloroethane	12.478	117	89464	52.509	ug/l	97
91) 1,2-Dichlorobenzene	12.214	146	270282	52.391	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	57165	53.546	ug/l	99
93) 1,2,4-Trichlorobenzene	13.844	180	190481	55.135	ug/l	99
94) Hexachlorobutadiene	14.024	225	68576	54.516	ug/l	99
95) Naphthalene	14.089	128	712931	52.191	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	191820	55.083	ug/l	99

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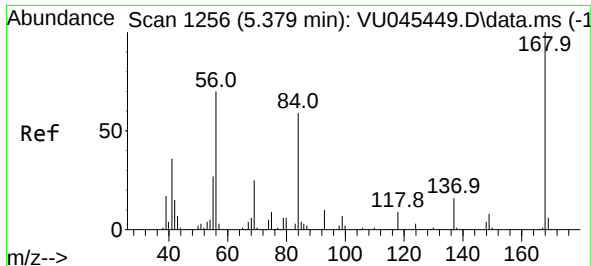
Quant Time: Nov 02 07:32:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 29 11:09:42 2021
Response via : Initial Calibration

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

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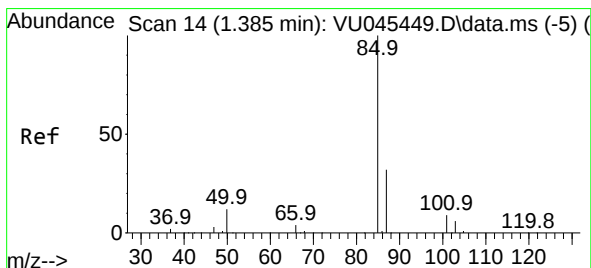
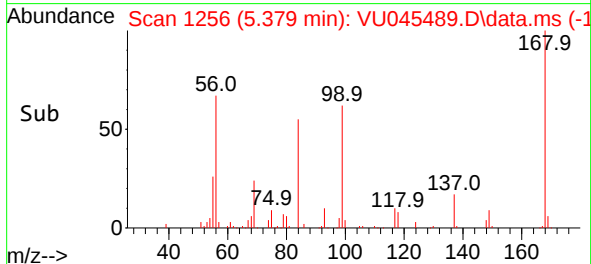
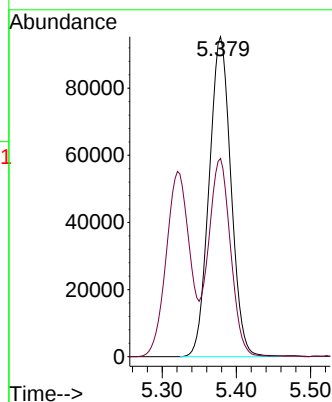
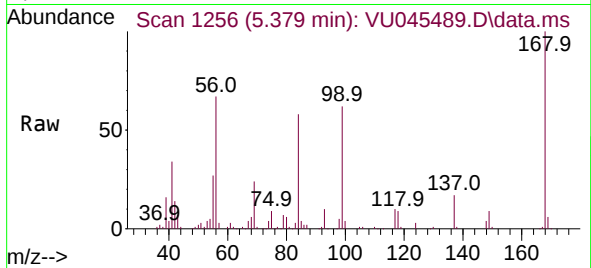




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045489.D
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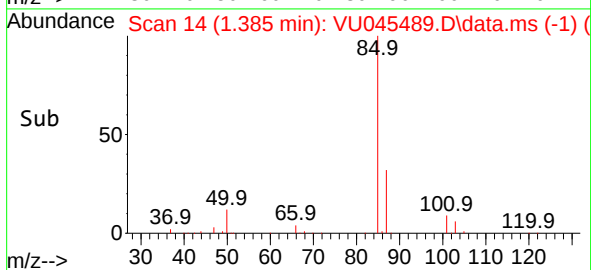
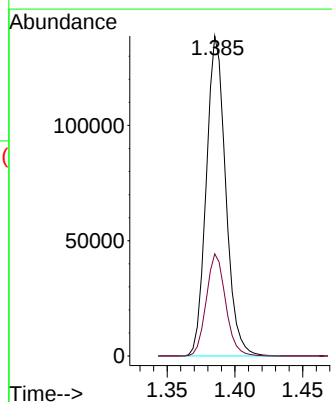
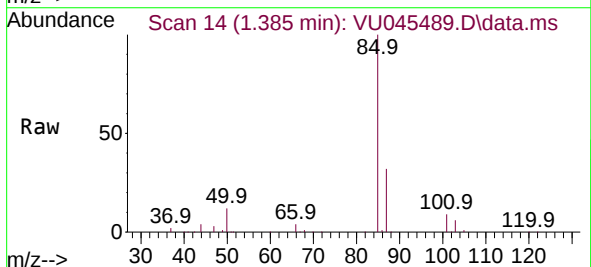
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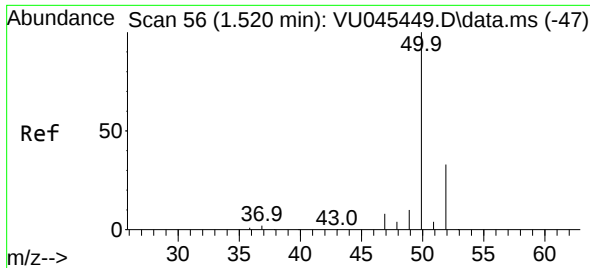
Tgt Ion:168 Resp: 194591
Ion Ratio Lower Upper
168 100
99 61.7 51.0 76.6



#2
Dichlorodifluoromethane
Concen: 48.443 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045489.D
Acq: 01 Nov 2021 15:49

Tgt Ion: 85 Resp: 138052
Ion Ratio Lower Upper
85 100
87 31.9 15.9 47.7

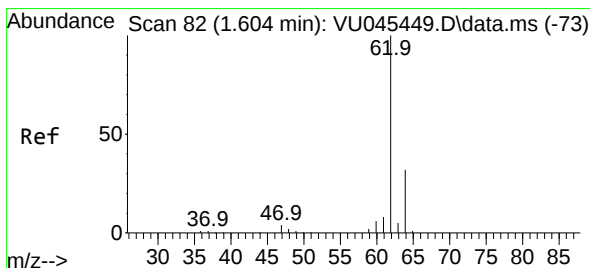
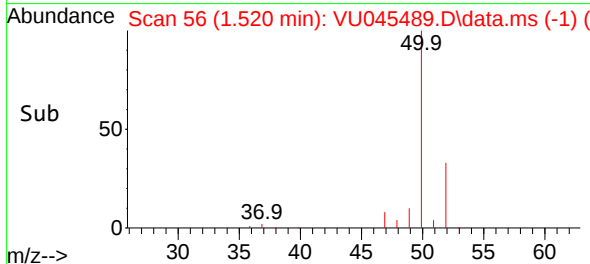
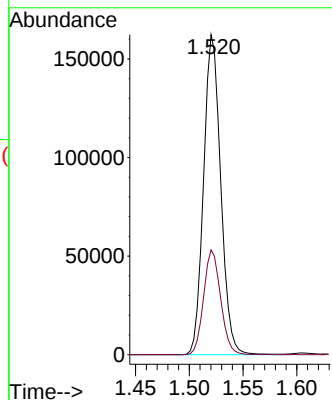
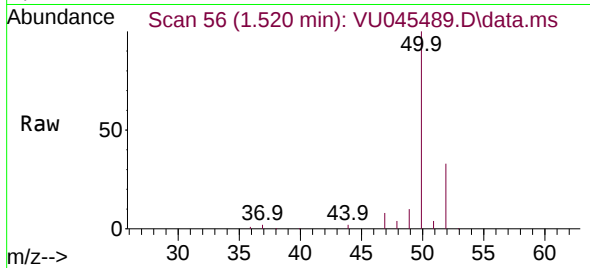




#3
Chloromethane
Concen: 46.498 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU045489.D
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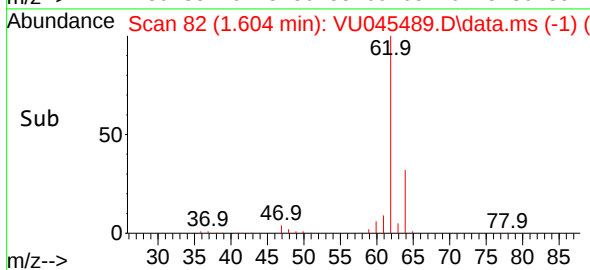
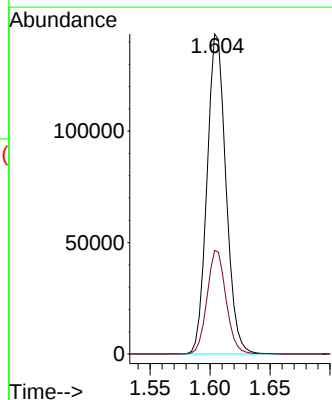
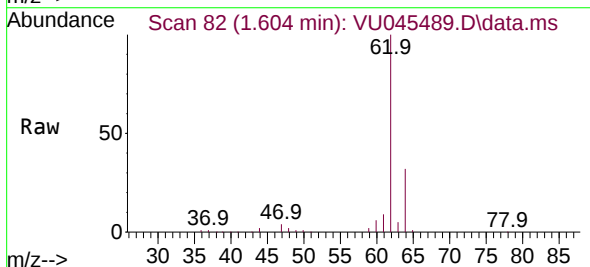
Instrument :
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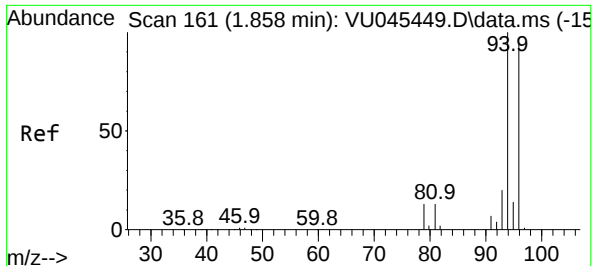
Tgt Ion: 50 Resp: 180046
Ion Ratio Lower Upper
50 100
52 32.8 26.6 40.0



#4
Vinyl Chloride
Concen: 49.099 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU045489.D
Acq: 01 Nov 2021 15:49

Tgt Ion: 62 Resp: 157828
Ion Ratio Lower Upper
62 100
64 32.4 25.8 38.6

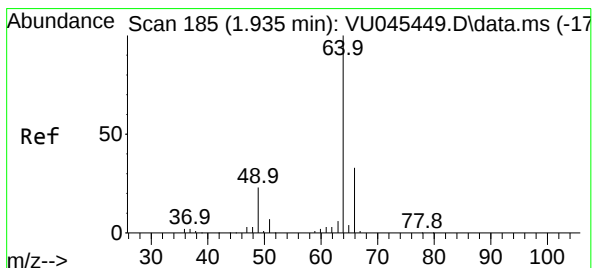
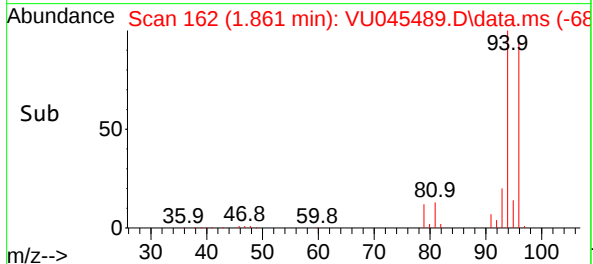
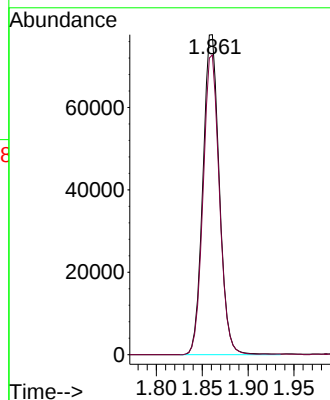
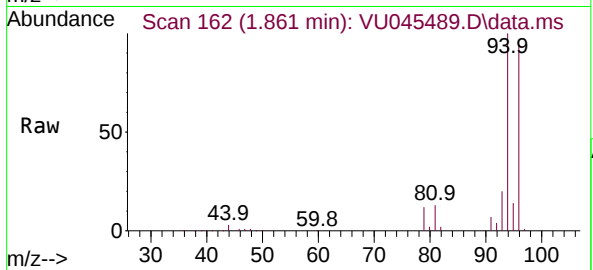




#5
Bromomethane
Concen: 49.556 ug/l
RT: 1.861 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU045489.D
Acq: 01 Nov 2021 15:49

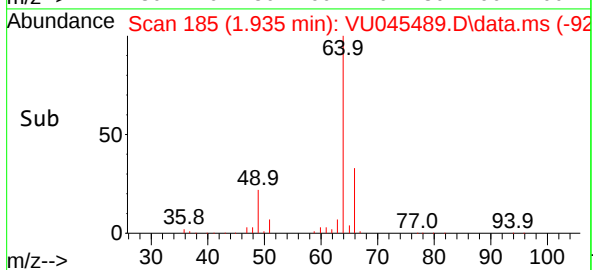
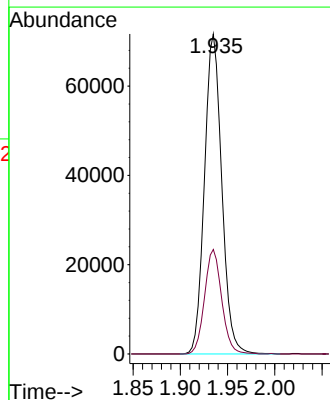
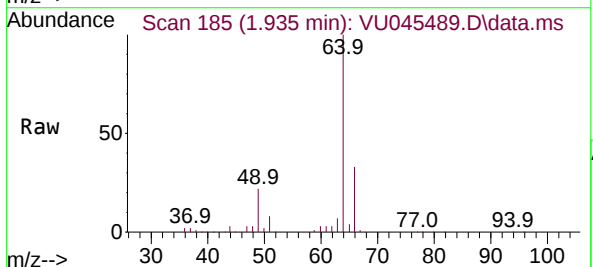
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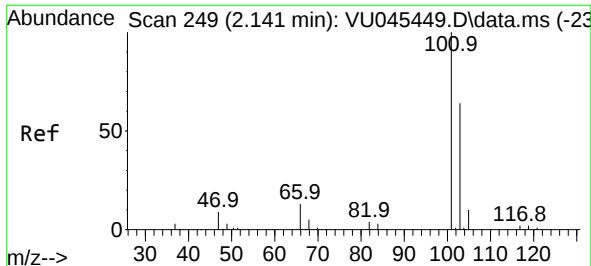
Tgt Ion: 94 Resp: 96704
Ion Ratio Lower Upper
94 100
96 93.6 75.4 113.2



#6
Chloroethane
Concen: 47.056 ug/l
RT: 1.935 min Scan# 185
Delta R.T. -0.000 min
Lab File: VU045489.D
Acq: 01 Nov 2021 15:49

Tgt Ion: 64 Resp: 91133
Ion Ratio Lower Upper
64 100
66 32.6 26.7 40.1

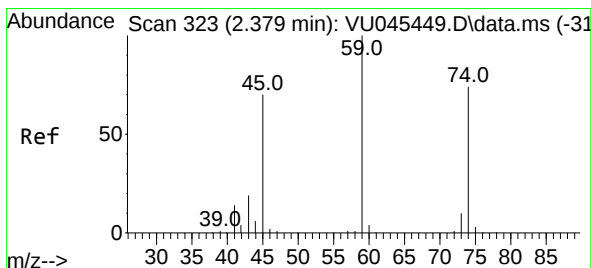
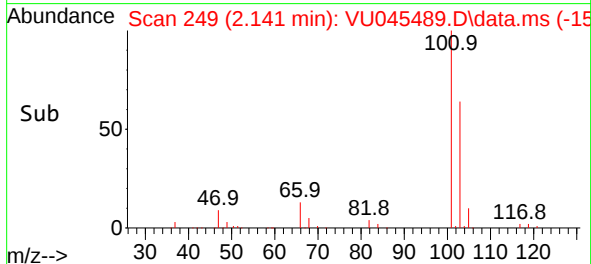
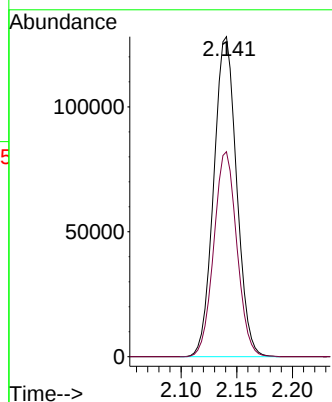
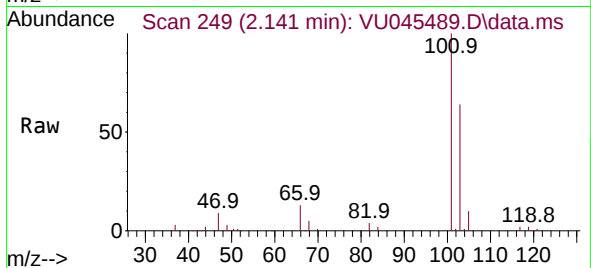




#7
 Trichlorofluoromethane
 Concen: 50.920 ug/l
 RT: 2.141 min Scan# 249
 Delta R.T. 0.000 min
 Lab File: VU045489.D
 Acq: 01 Nov 2021 15:49

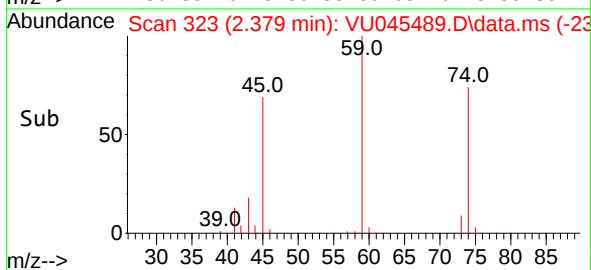
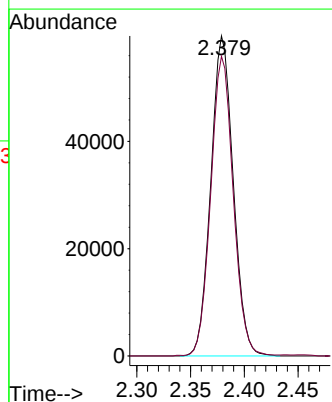
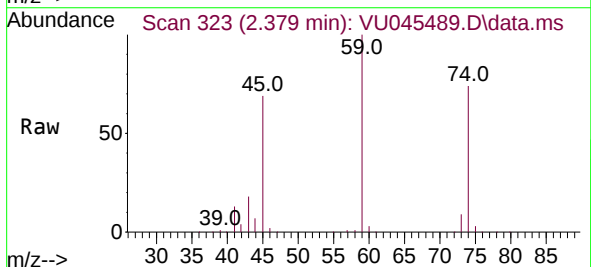
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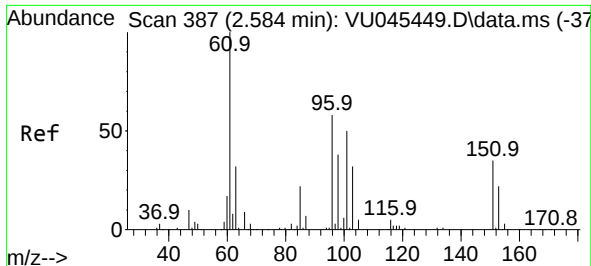
Tgt Ion:101 Resp: 183259
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.4 77.0



#8
 Diethyl Ether
 Concen: 51.865 ug/l
 RT: 2.379 min Scan# 323
 Delta R.T. 0.000 min
 Lab File: VU045489.D
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Tgt Ion: 74 Resp: 86543
 Ion Ratio Lower Upper
 74 100
 45 94.1 47.3 141.8

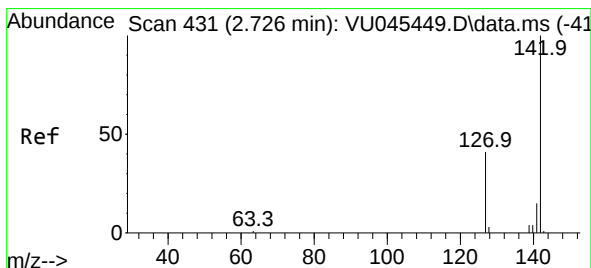
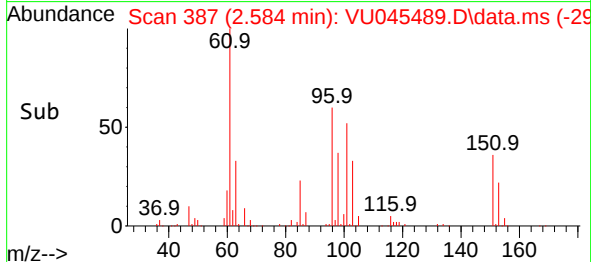
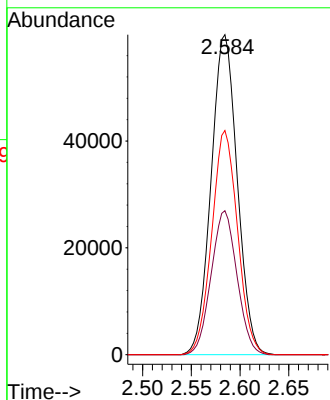
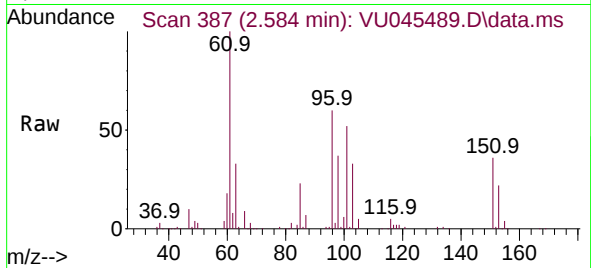




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.748 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU045489.D
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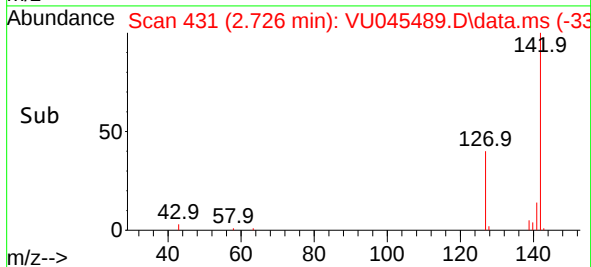
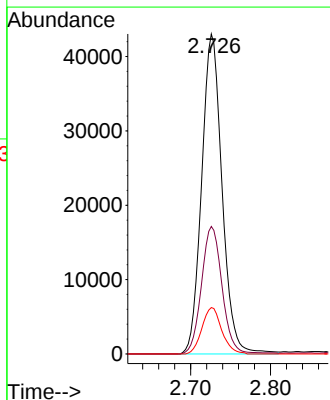
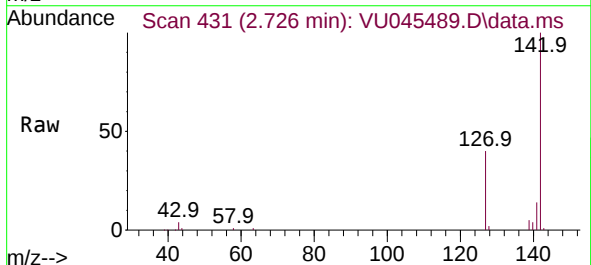
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

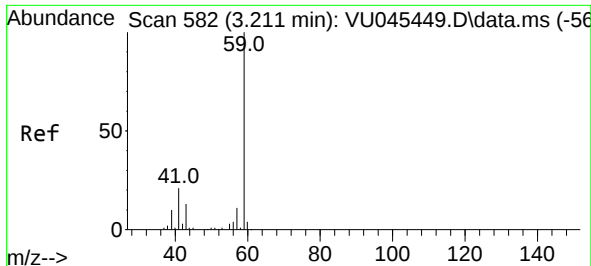
Tgt Ion:101 Resp: 111891
Ion Ratio Lower Upper
101 100
85 44.5 35.0 52.4
151 69.1 54.6 82.0



#10
Methyl Iodide
Concen: 39.138 ug/l
RT: 2.726 min Scan# 431
Delta R.T. -0.000 min
Lab File: VU045489.D
Acq: 01 Nov 2021 15:49

Tgt Ion:142 Resp: 76442
Ion Ratio Lower Upper
142 100
127 40.2 32.2 48.2
141 14.1 11.3 16.9





#11

Tert butyl alcohol

Concen: 278.100 ug/l

RT: 3.218 min Scan# 582

Delta R.T. 0.006 min

Lab File: VU045489.D

Acq: 01 Nov 2021 15:49

Instrument :

MSVOA_U

ClientSampleId :

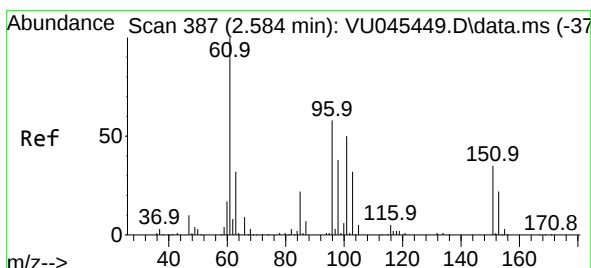
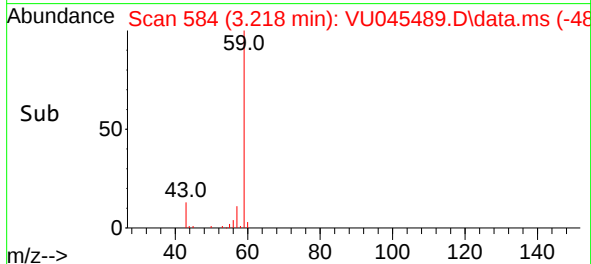
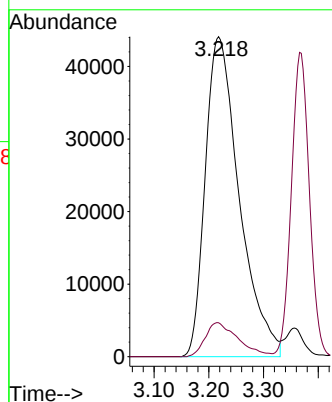
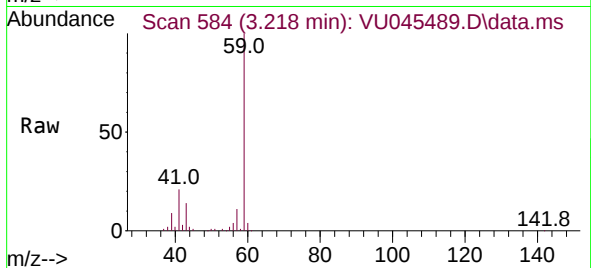
VSTDCCC050

Tgt Ion: 59 Resp: 190171

Ion Ratio Lower Upper

59 100

57 10.4 8.3 12.5



#12

1,1-Dichloroethene

Concen: 50.192 ug/l

RT: 2.584 min Scan# 387

Delta R.T. 0.000 min

Lab File: VU045489.D

Acq: 01 Nov 2021 15:49

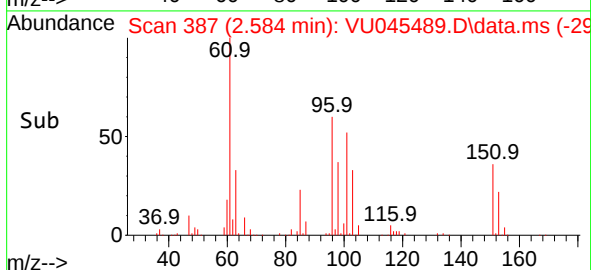
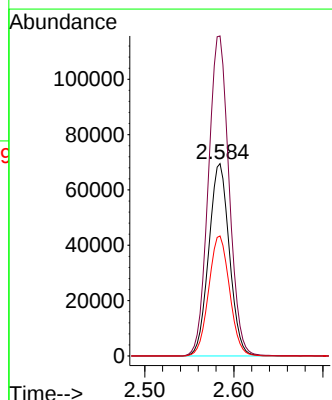
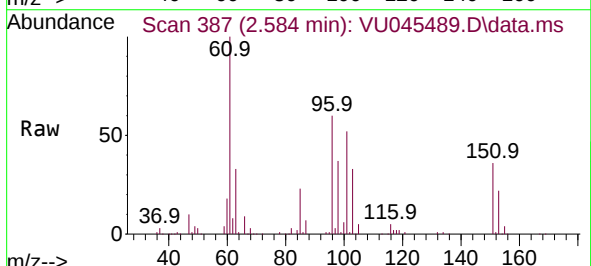
Tgt Ion: 96 Resp: 111585

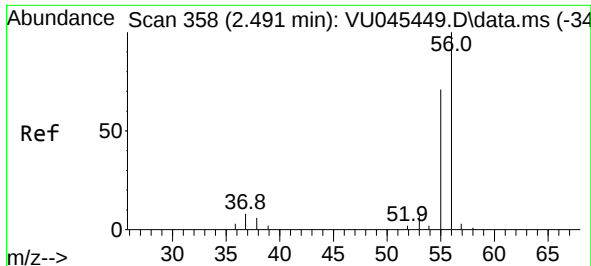
Ion Ratio Lower Upper

96 100

61 166.4 137.1 205.7

98 62.4 51.5 77.3





#13

Acrolein

Concen: 201.687 ug/l

RT: 2.491 min Scan# 358

Delta R.T. 0.000 min

Lab File: VU045489.D

Acq: 01 Nov 2021 15:49

Instrument :

MSVOA_U

ClientSampleId :

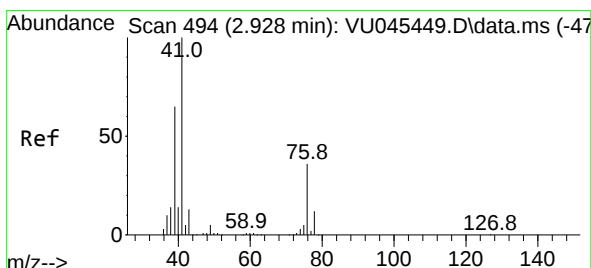
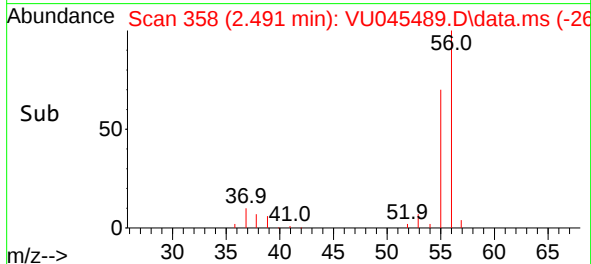
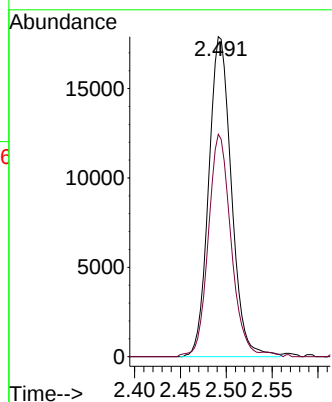
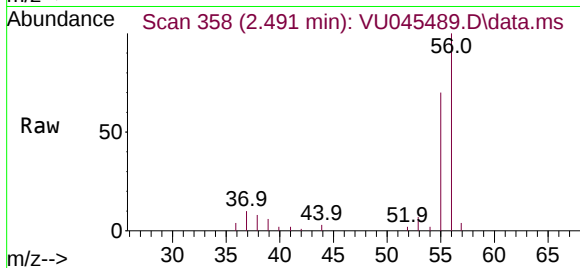
VSTDCCC050

Tgt Ion: 56 Resp: 30868

Ion Ratio Lower Upper

56 100

55 69.0 56.3 84.5



#14

Allyl chloride

Concen: 51.694 ug/l

RT: 2.928 min Scan# 494

Delta R.T. 0.000 min

Lab File: VU045489.D

Acq: 01 Nov 2021 15:49

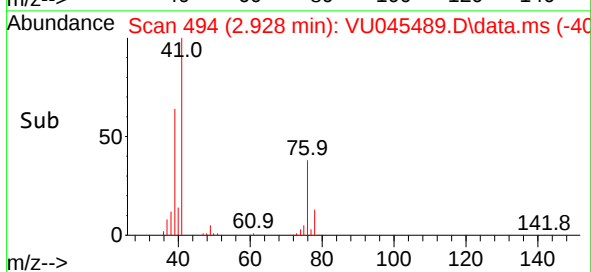
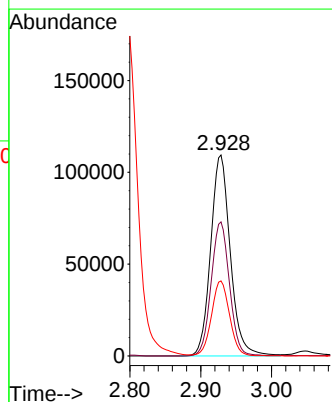
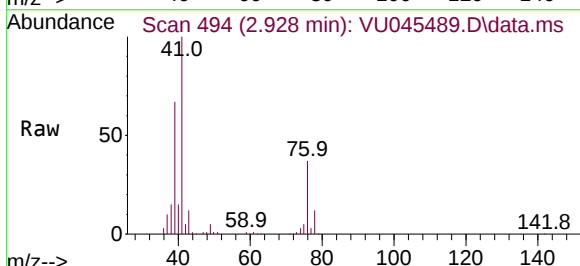
Tgt Ion: 41 Resp: 211032

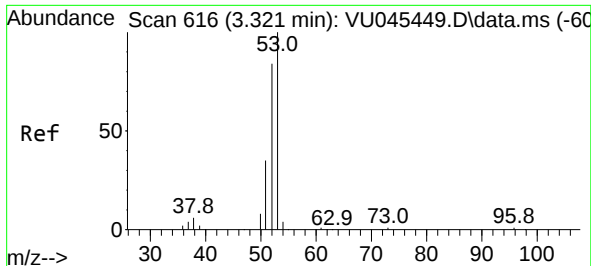
Ion Ratio Lower Upper

41 100

39 62.1 49.7 74.5

76 34.1 27.7 41.5

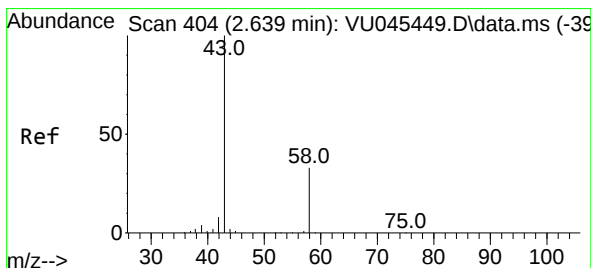
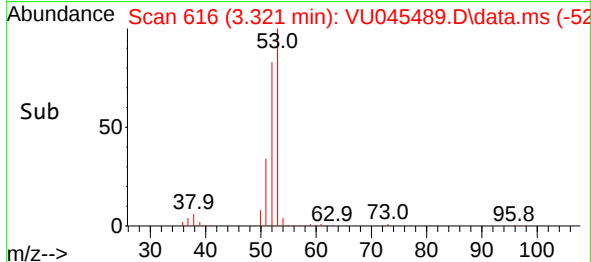
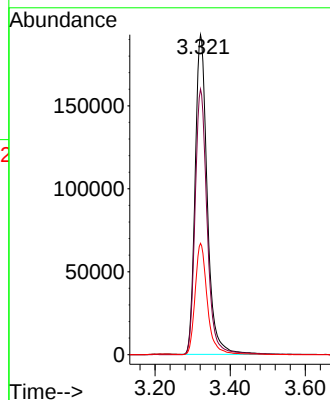
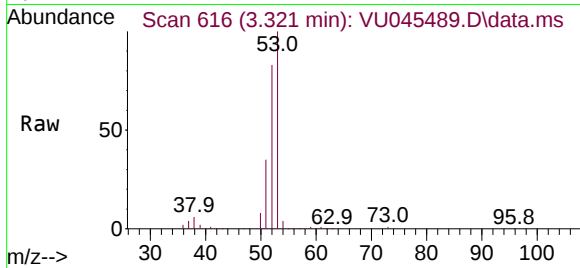




#15
Acrylonitrile
Concen: 260.728 ug/l
RT: 3.321 min Scan# 616
Delta R.T. 0.000 min
Lab File: VU045489.D
Acq: 01 Nov 2021 15:49

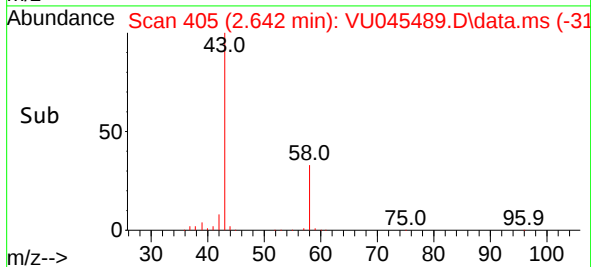
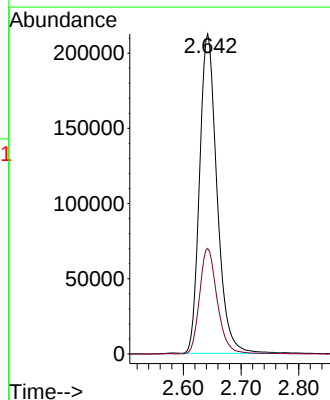
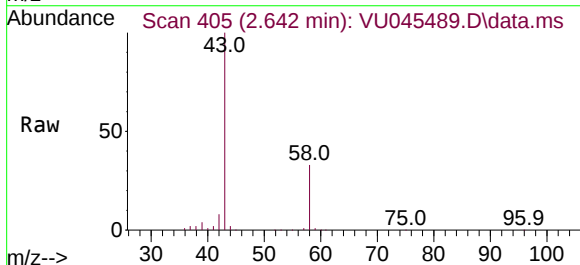
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

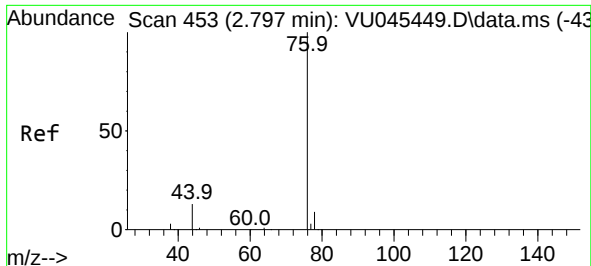
Tgt Ion: 53 Resp: 432267
Ion Ratio Lower Upper
53 100
52 82.7 66.6 100.0
51 34.9 28.4 42.6



#16
Acetone
Concen: 309.229 ug/l
RT: 2.642 min Scan# 405
Delta R.T. 0.003 min
Lab File: VU045489.D
Acq: 01 Nov 2021 15:49

Tgt Ion: 43 Resp: 444742
Ion Ratio Lower Upper
43 100
58 33.0 26.2 39.2

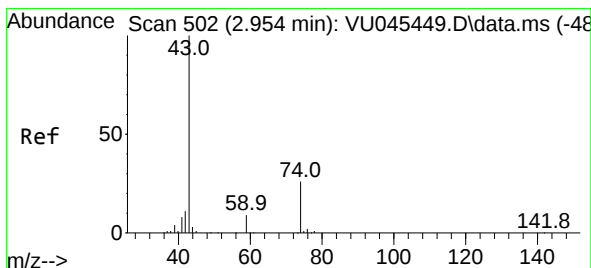
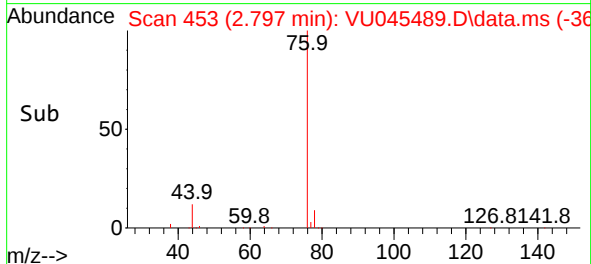
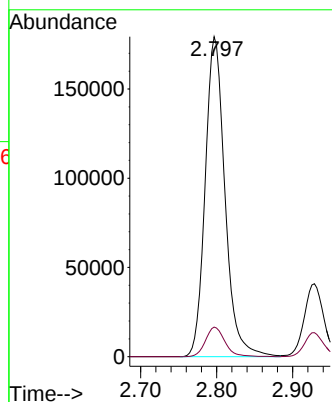
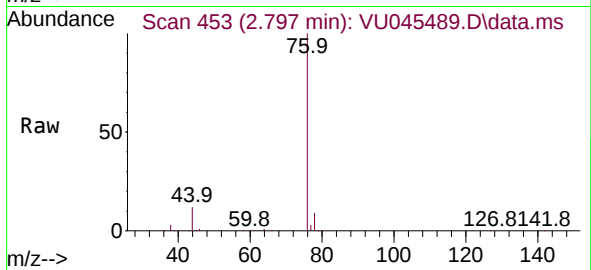




#17
Carbon Disulfide
Concen: 50.174 ug/l
RT: 2.797 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU045489.D
Acq: 01 Nov 2021 15:49

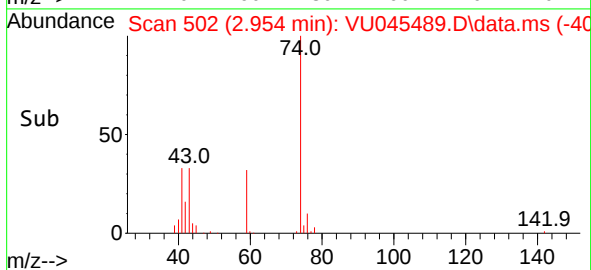
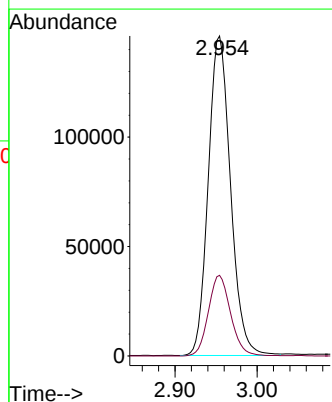
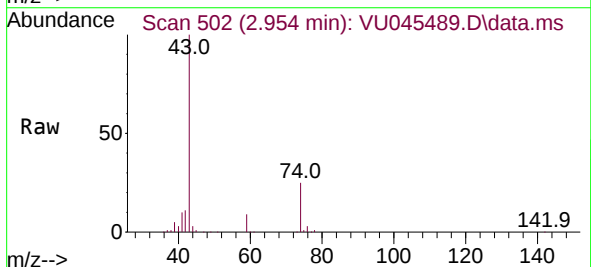
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

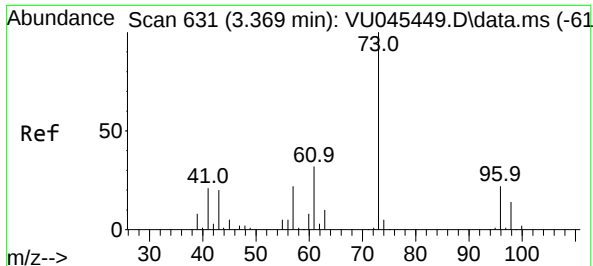
Tgt Ion: 76 Resp: 324620
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 51.417 ug/l
RT: 2.954 min Scan# 502
Delta R.T. 0.000 min
Lab File: VU045489.D
Acq: 01 Nov 2021 15:49

Tgt Ion: 43 Resp: 275379
Ion Ratio Lower Upper
43 100
74 25.2 20.2 30.2





#19

Methyl tert-butyl Ether

Concen: 51.899 ug/l

RT: 3.366 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU045489.D

Acq: 01 Nov 2021 15:49

Instrument :

MSVOA_U

ClientSampleId :

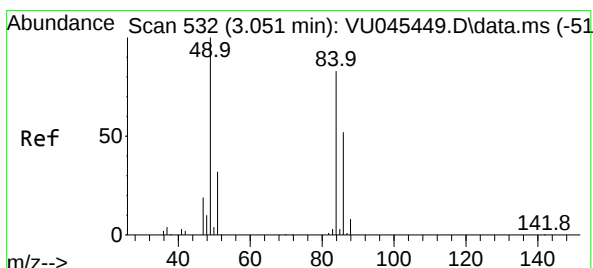
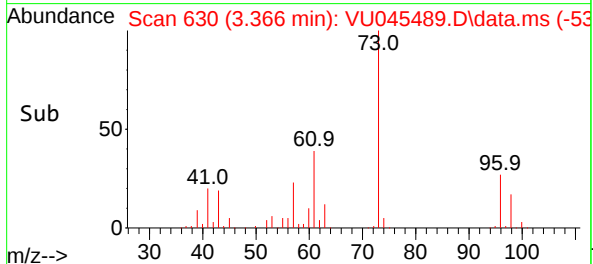
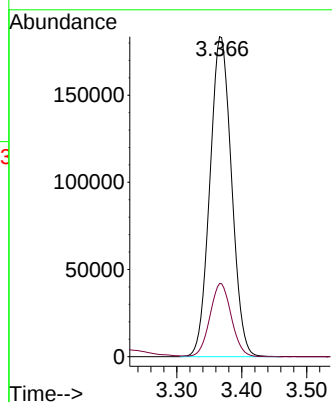
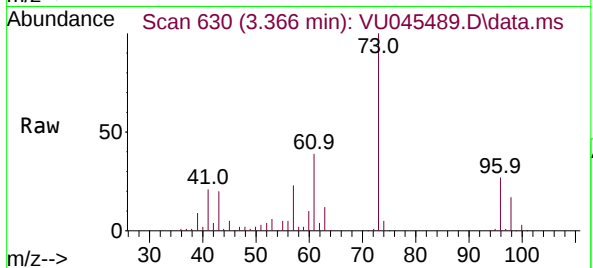
VSTDCCC050

Tgt Ion: 73 Resp: 424518

Ion Ratio Lower Upper

73 100

57 22.9 18.1 27.1



#20

Methylene Chloride

Concen: 47.465 ug/l

RT: 3.051 min Scan# 532

Delta R.T. 0.000 min

Lab File: VU045489.D

Acq: 01 Nov 2021 15:49

Tgt Ion: 84 Resp: 136031

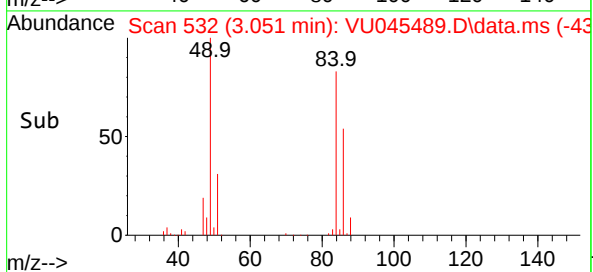
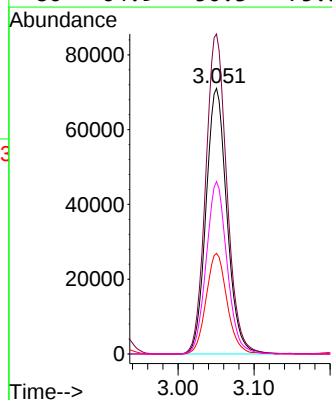
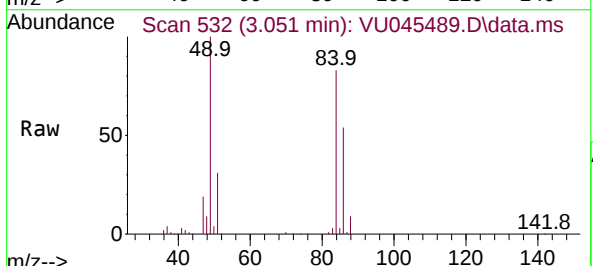
Ion Ratio Lower Upper

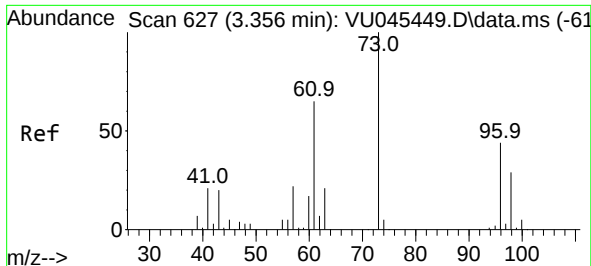
84 100

49 120.5 96.4 144.6

51 37.9 30.5 45.7

86 64.9 50.3 75.5

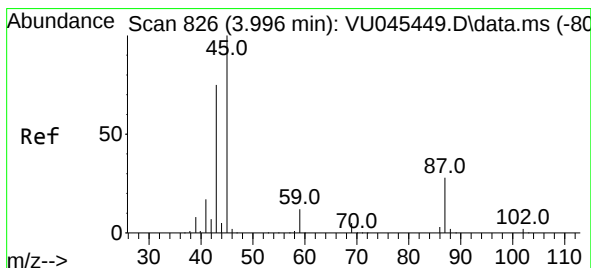
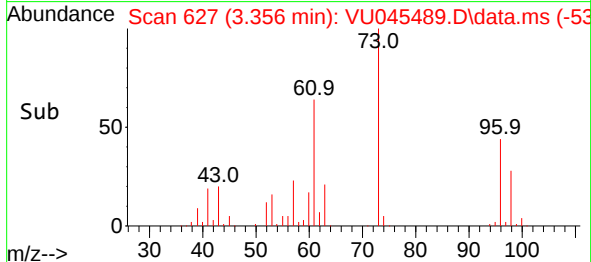
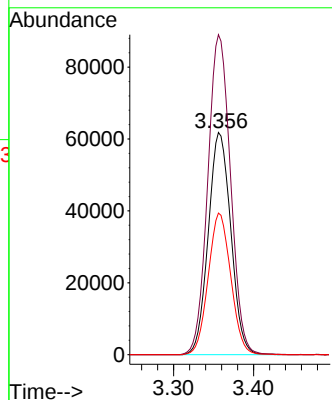
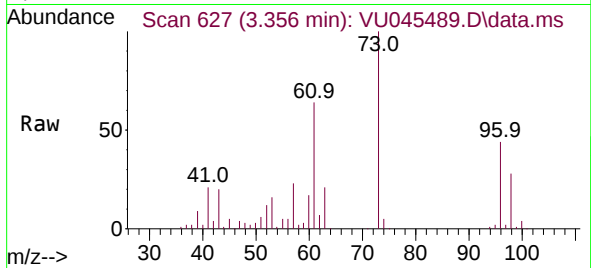




#21
trans-1,2-Dichloroethene
Concen: 50.572 ug/l
RT: 3.356 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU045489.D
Acq: 01 Nov 2021 15:49

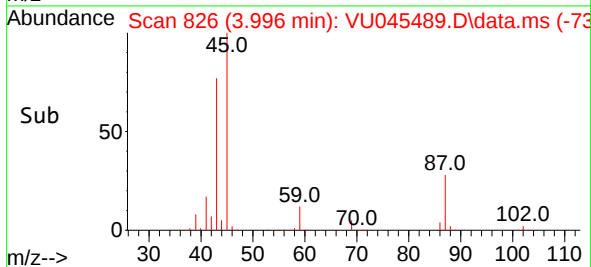
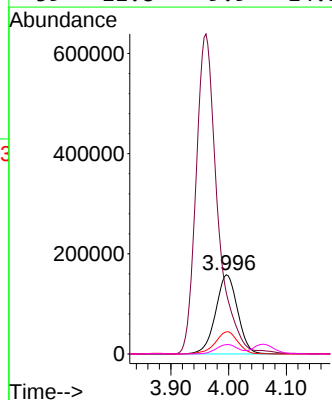
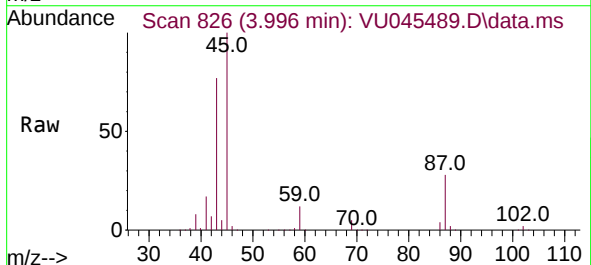
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

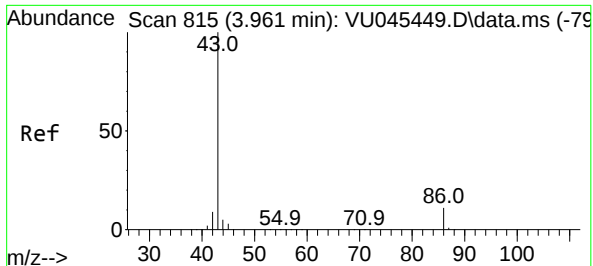
Tgt Ion: 96 Resp: 121158
Ion Ratio Lower Upper
96 100
61 144.0 118.2 177.4
98 63.8 52.1 78.1



#22
Diisopropyl ether
Concen: 52.491 ug/l
RT: 3.996 min Scan# 826
Delta R.T. 0.000 min
Lab File: VU045489.D
Acq: 01 Nov 2021 15:49

Tgt Ion: 45 Resp: 419036
Ion Ratio Lower Upper
45 100
43 75.8 60.0 90.0
87 28.0 22.3 33.5
59 11.8 9.9 14.9

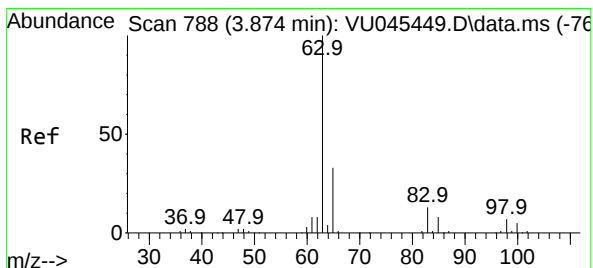
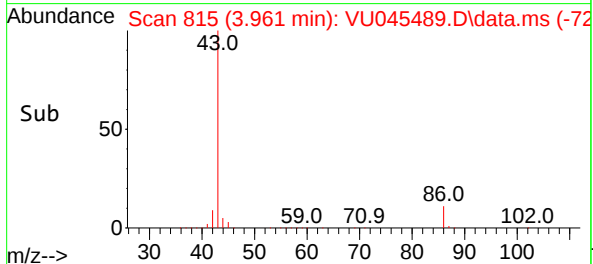
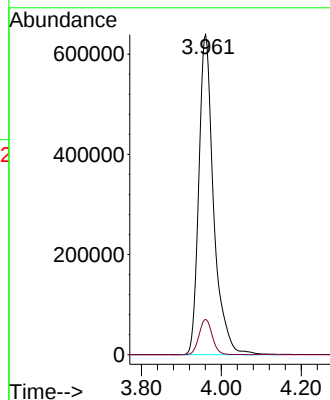
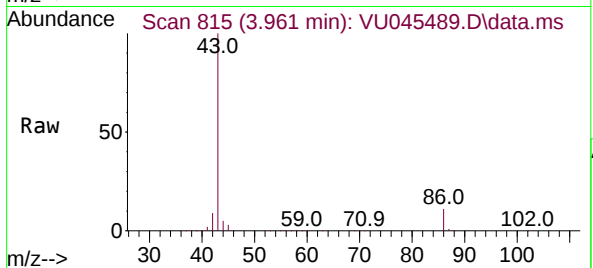




#23
 Vinyl Acetate
 Concen: 266.472 ug/l
 RT: 3.961 min Scan# 815
 Delta R.T. 0.000 min
 Lab File: VU045489.D
 Acq: 01 Nov 2021 15:49

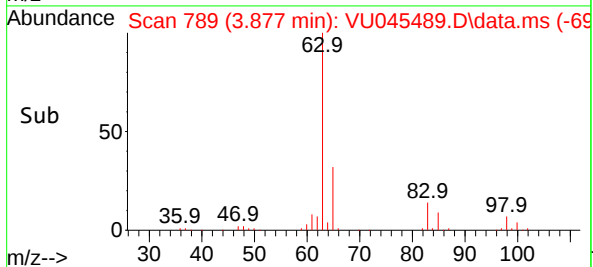
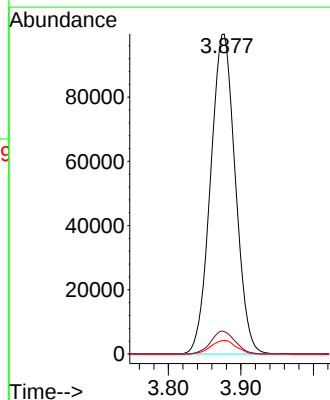
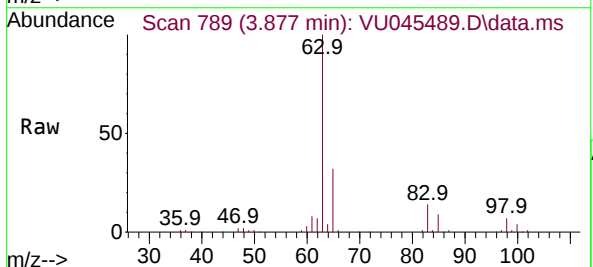
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

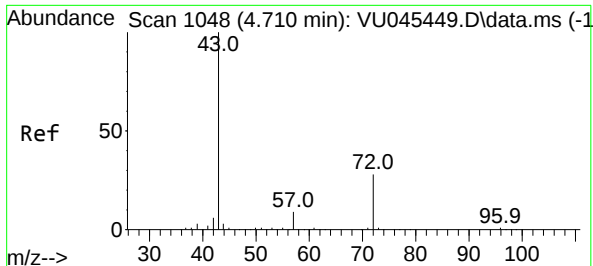
Tgt Ion: 43 Resp: 1650078
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 50.507 ug/l
 RT: 3.877 min Scan# 789
 Delta R.T. 0.003 min
 Lab File: VU045489.D
 Acq: 01 Nov 2021 15:49

Tgt Ion: 63 Resp: 236269
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.6
 100 4.2 2.4 7.2





#25

2-Butanone

Concen: 282.970 ug/l

RT: 4.710 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VU045489.D

Acq: 01 Nov 2021 15:49

Instrument :

MSVOA_U

ClientSampleId :

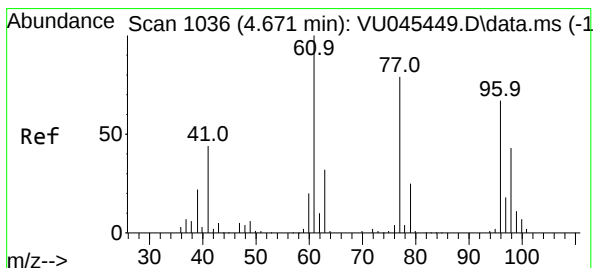
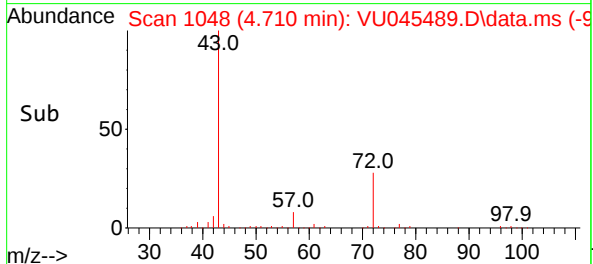
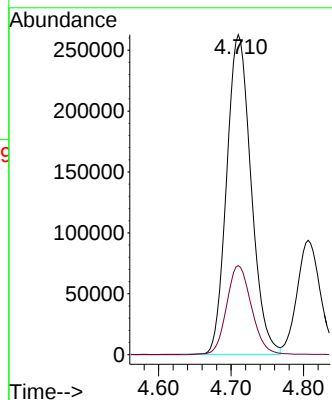
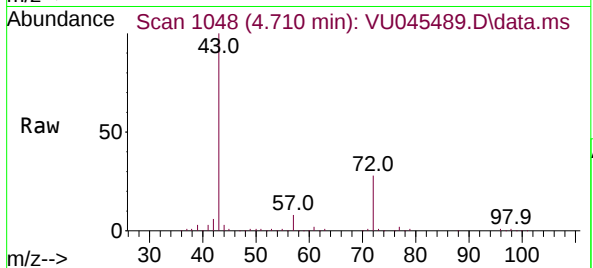
VSTDCCC050

Tgt Ion: 43 Resp: 614382

Ion Ratio Lower Upper

43 100

72 27.9 22.0 33.0



#26

2,2-Dichloropropane

Concen: 52.099 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU045489.D

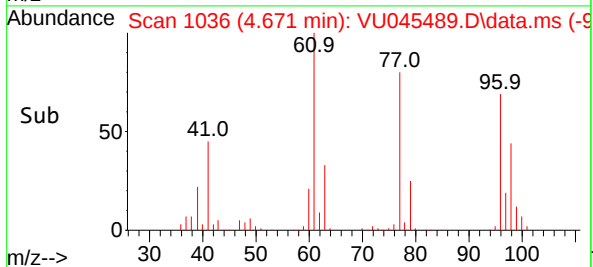
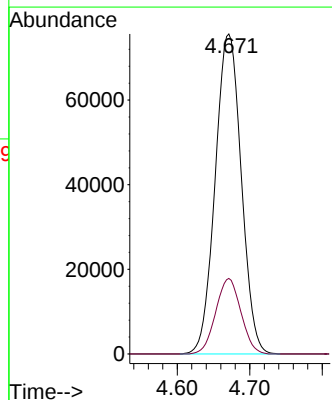
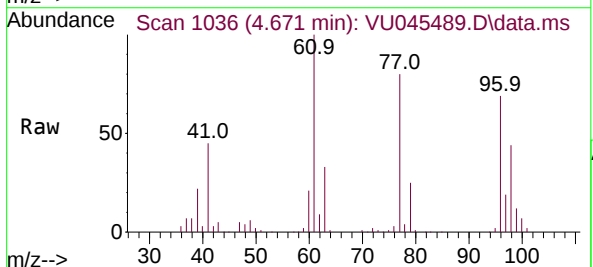
Acq: 01 Nov 2021 15:49

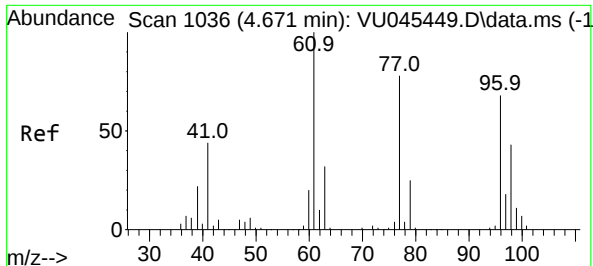
Tgt Ion: 77 Resp: 188810

Ion Ratio Lower Upper

77 100

97 22.8 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 51.966 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU045489.D

Acq: 01 Nov 2021 15:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

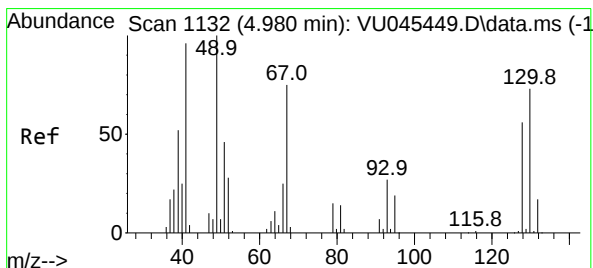
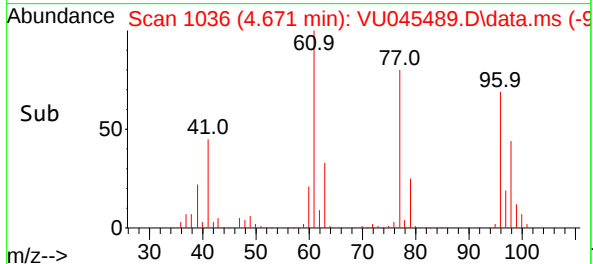
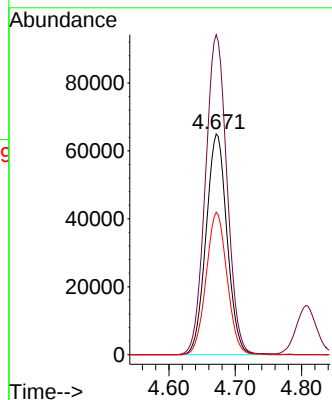
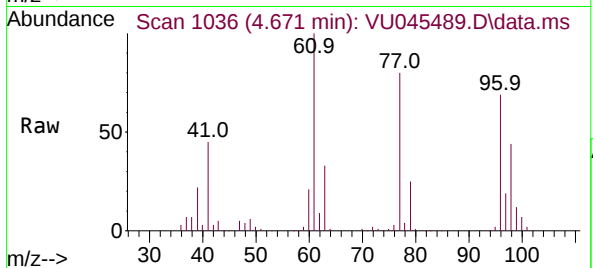
Tgt Ion: 96 Resp: 143260

Ion Ratio Lower Upper

96 100

61 148.7 0.0 299.2

98 64.2 0.0 127.6



#28

Bromochloromethane

Concen: 48.733 ug/l

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU045489.D

Acq: 01 Nov 2021 15:49

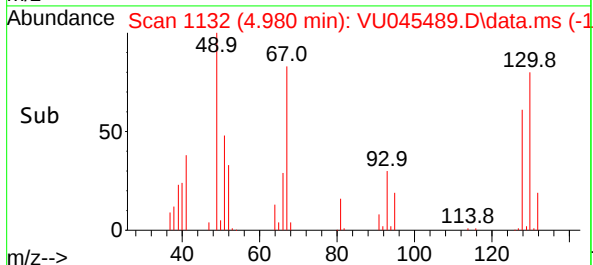
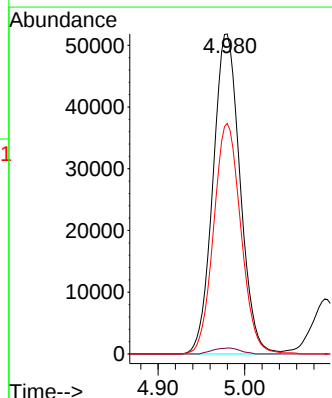
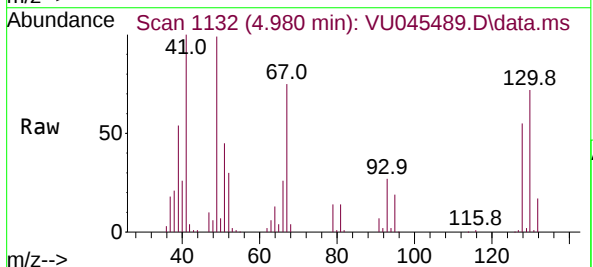
Tgt Ion: 49 Resp: 112448

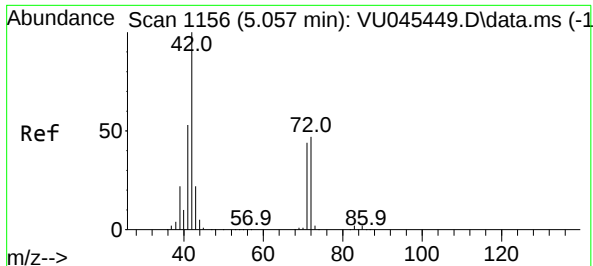
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.4

130 72.5 57.5 86.3





#29

Tetrahydrofuran

Concen: 261.279 ug/l

RT: 5.057 min Scan# 1156

Delta R.T. 0.000 min

Lab File: VU045489.D

Acq: 01 Nov 2021 15:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

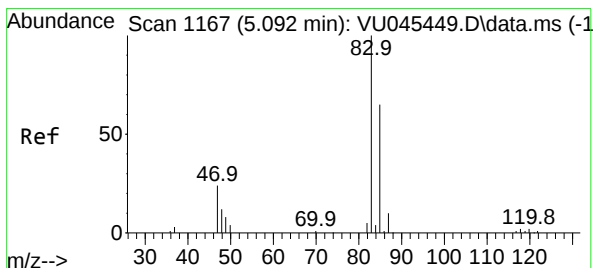
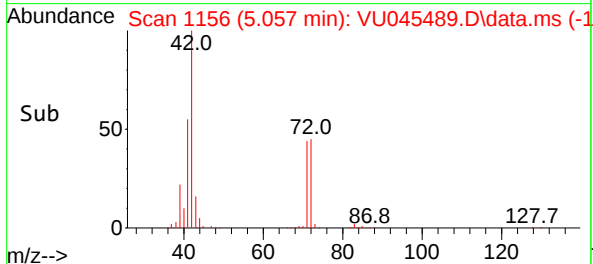
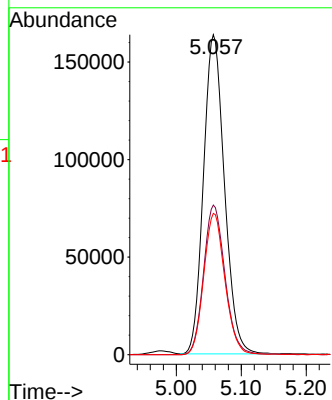
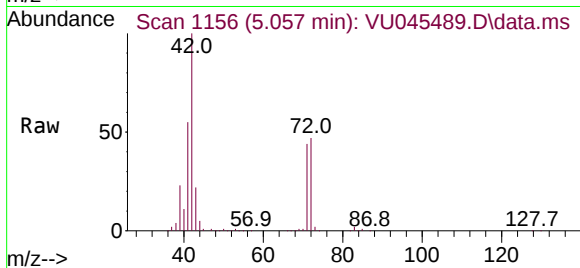
Tgt Ion: 42 Resp: 367894

Ion Ratio Lower Upper

42 100

72 47.8 38.2 57.4

71 44.6 35.4 53.2



#30

Chloroform

Concen: 51.055 ug/l

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU045489.D

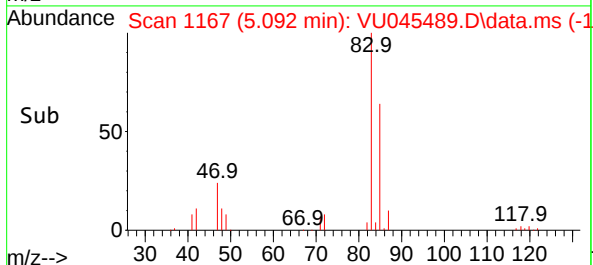
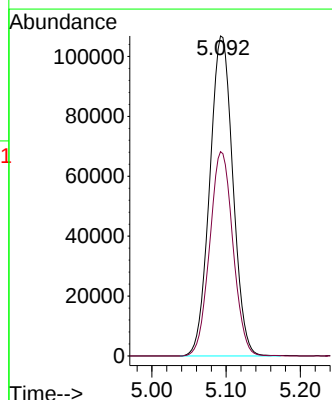
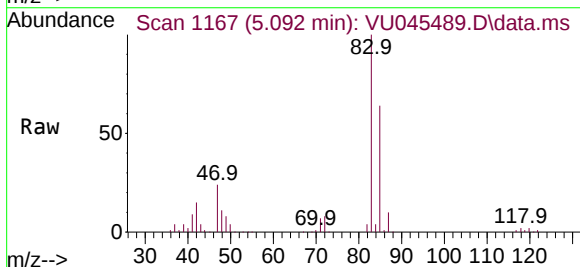
Acq: 01 Nov 2021 15:49

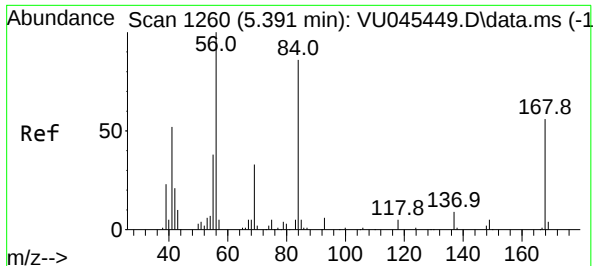
Tgt Ion: 83 Resp: 231577

Ion Ratio Lower Upper

83 100

85 63.9 52.0 78.0





#31

Cyclohexane

Concen: 48.077 ug/l

RT: 5.391 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VU045489.D

Acq: 01 Nov 2021 15:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

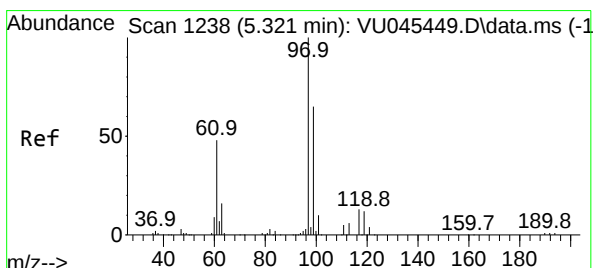
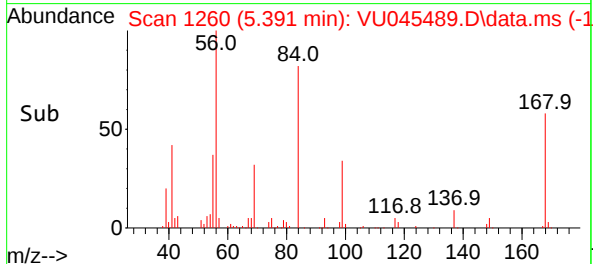
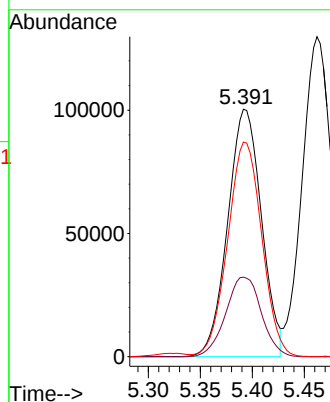
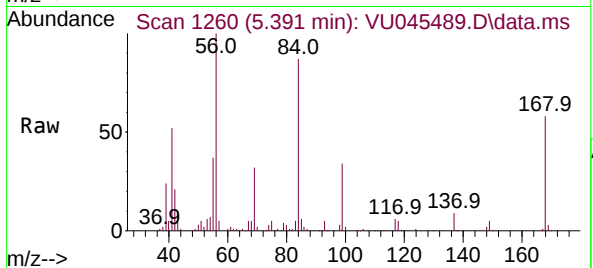
Tgt Ion: 56 Resp: 226760

Ion Ratio Lower Upper

56 100

69 32.1 26.4 39.6

84 85.4 68.4 102.6



#32

1,1,1-Trichloroethane

Concen: 51.103 ug/l

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU045489.D

Acq: 01 Nov 2021 15:49

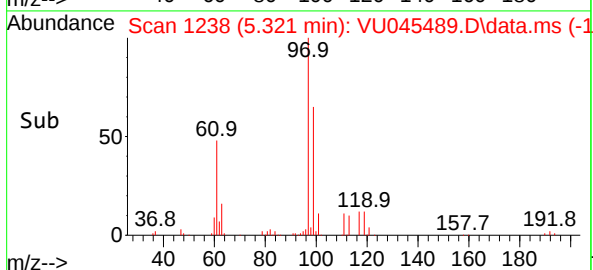
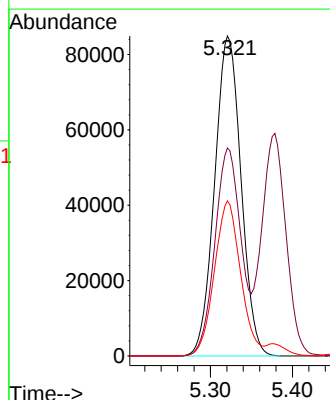
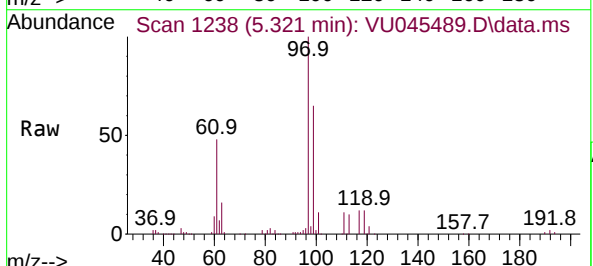
Tgt Ion: 97 Resp: 190233

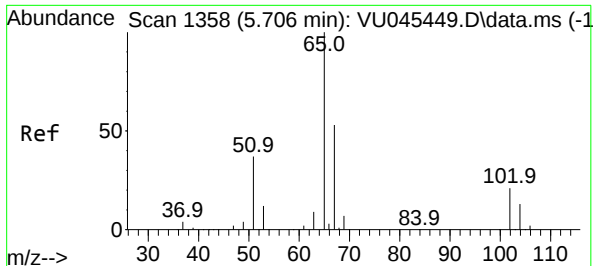
Ion Ratio Lower Upper

97 100

99 64.3 50.8 76.2

61 48.3 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 48.351 ug/l

RT: 5.706 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045489.D

Acq: 01 Nov 2021 15:49

Instrument :

MSVOA_U

ClientSampleId :

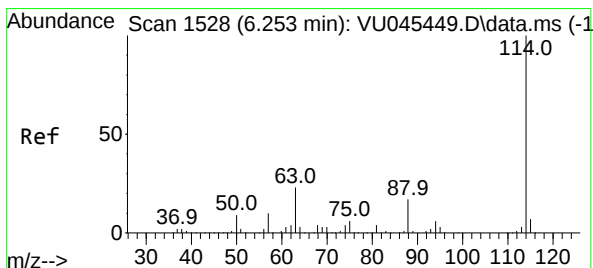
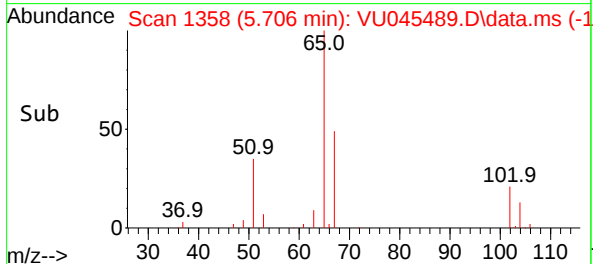
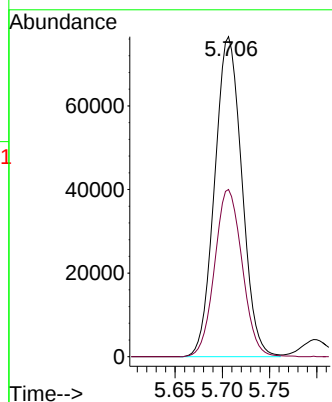
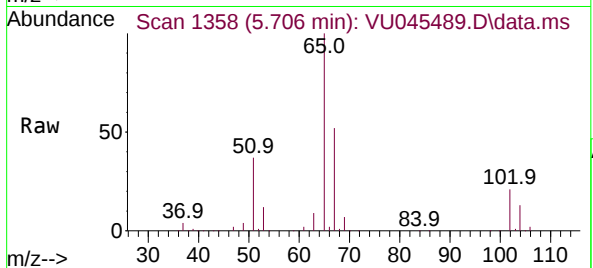
VSTDCCC050

Tgt Ion: 65 Resp: 153177

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU045489.D

Acq: 01 Nov 2021 15:49

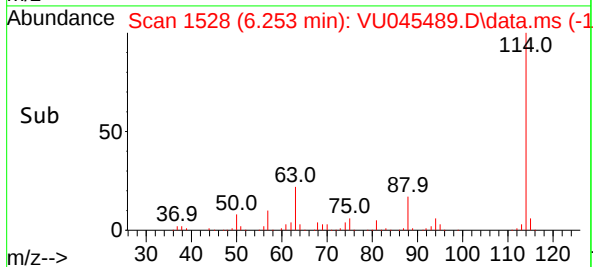
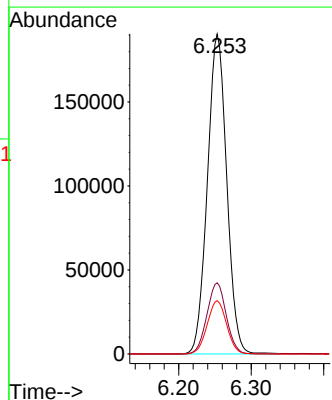
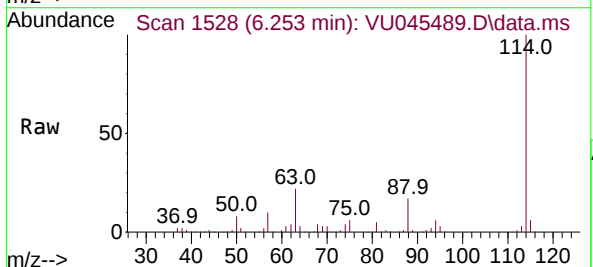
Tgt Ion: 114 Resp: 352366

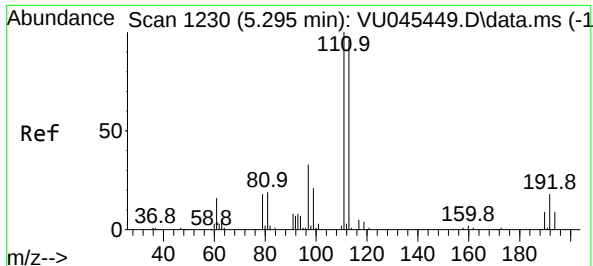
Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.6

88 16.7 0.0 33.8





#35

Dibromofluoromethane

Concen: 49.934 ug/l

RT: 5.295 min Scan# 1118

Delta R.T. 0.000 min

Lab File: VU045489.D

Acq: 01 Nov 2021 15:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

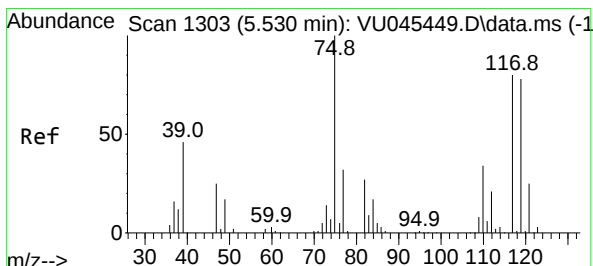
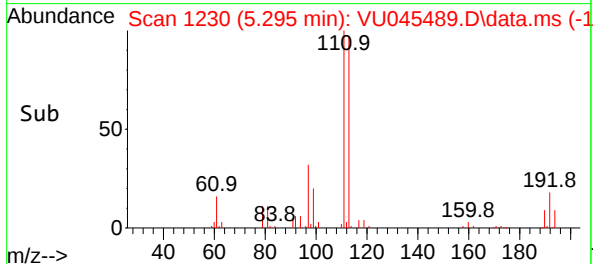
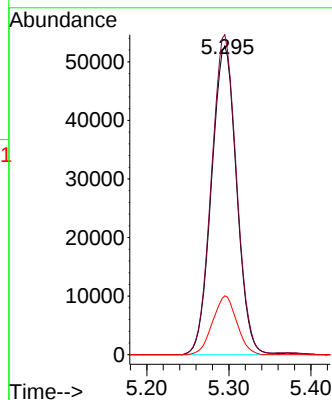
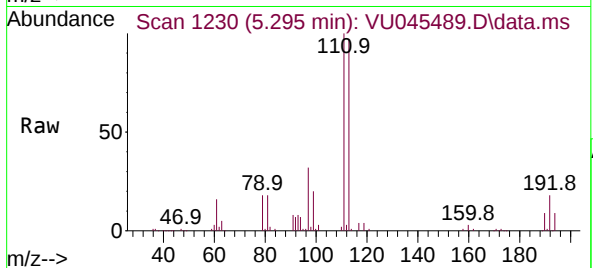
Tgt Ion:113 Resp: 111878

Ion Ratio Lower Upper

113 100

111 103.7 82.8 124.2

192 18.4 14.8 22.2



#36

1,1-Dichloropropene

Concen: 52.309 ug/l

RT: 5.530 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VU045489.D

Acq: 01 Nov 2021 15:49

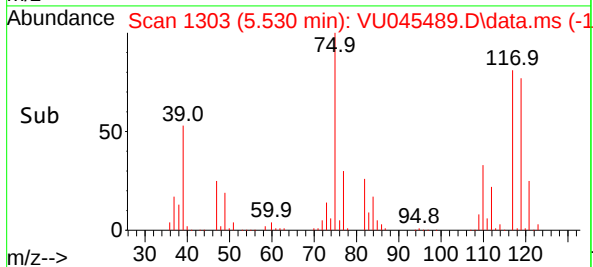
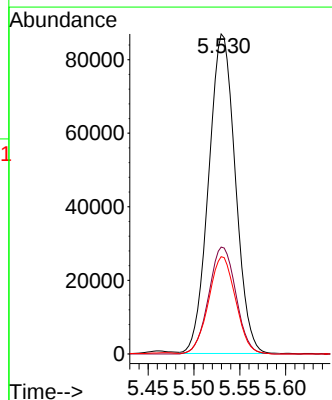
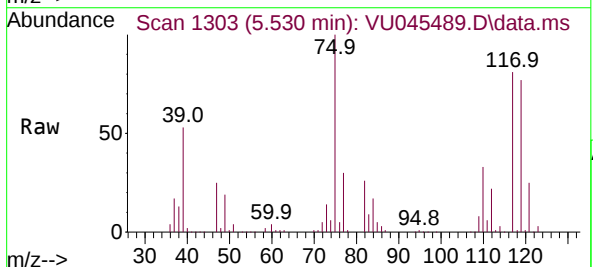
Tgt Ion: 75 Resp: 175456

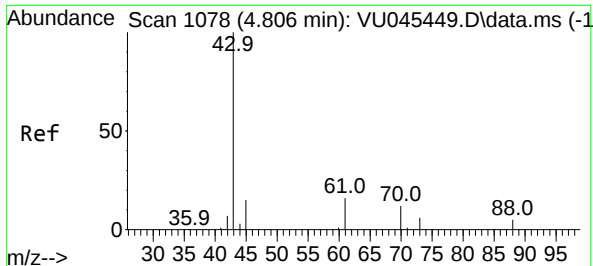
Ion Ratio Lower Upper

75 100

110 34.1 16.7 50.0

77 31.0 25.0 37.4





#37

Ethyl Acetate

Concen: 52.419 ug/l

RT: 4.806 min Scan# 110

Delta R.T. 0.000 min

Lab File: VU045489.D

Acq: 01 Nov 2021 15:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

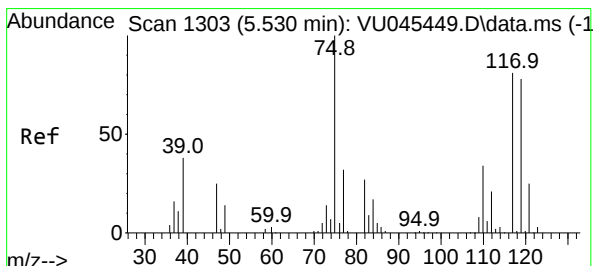
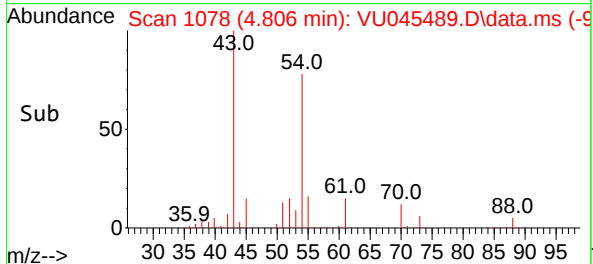
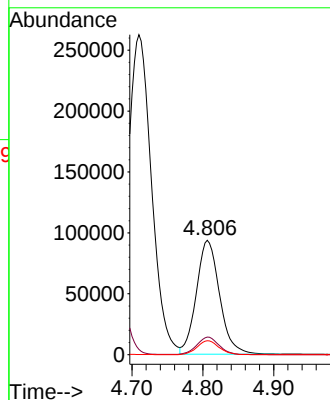
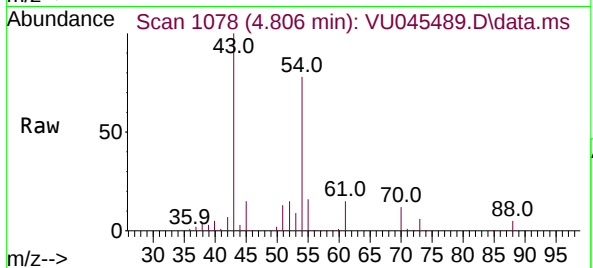
Tgt Ion: 43 Resp: 212937

Ion Ratio Lower Upper

43 100

61 14.7 11.6 17.4

70 11.6 9.1 13.7



#38

Carbon Tetrachloride

Concen: 51.947 ug/l

RT: 5.530 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VU045489.D

Acq: 01 Nov 2021 15:49

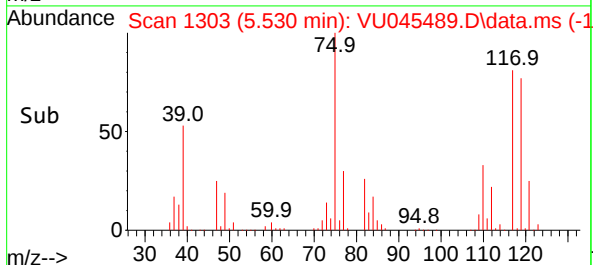
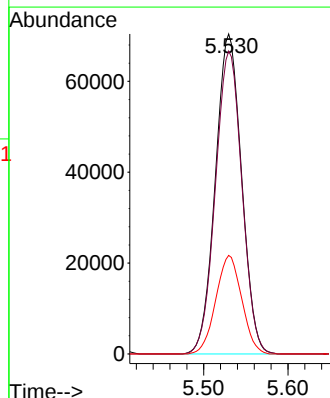
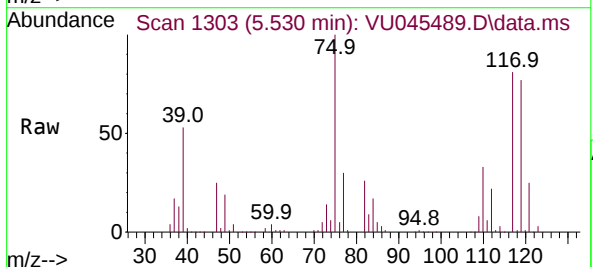
Tgt Ion: 117 Resp: 151964

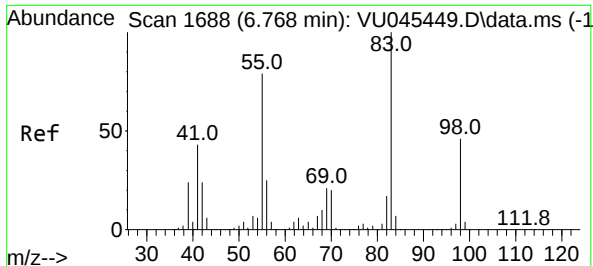
Ion Ratio Lower Upper

117 100

119 94.6 77.4 116.0

121 30.8 24.8 37.2





#39

Methylcyclohexane

Concen: 53.927 ug/l

RT: 6.768 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045489.D

Acq: 01 Nov 2021 15:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

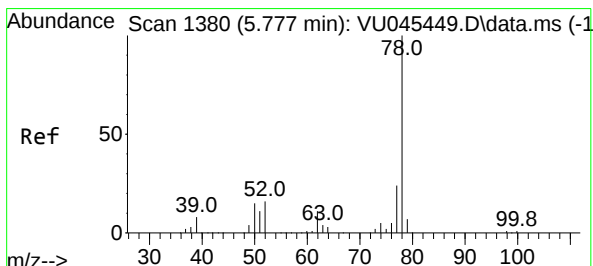
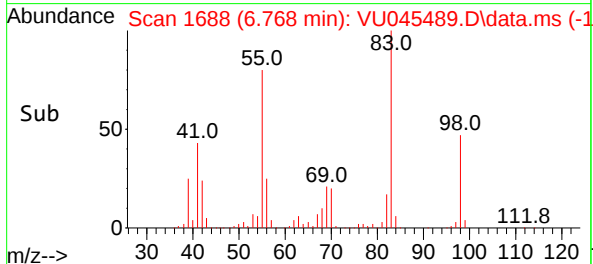
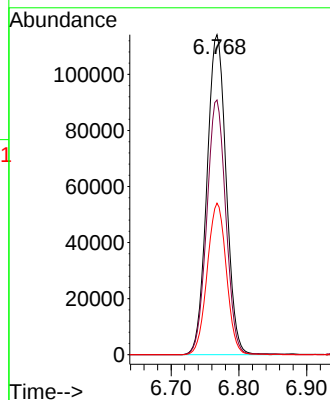
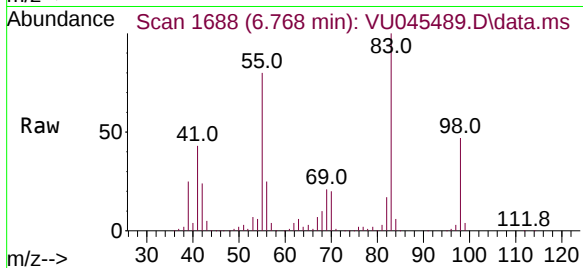
Tgt Ion: 83 Resp: 224937

Ion Ratio Lower Upper

83 100

55 79.6 63.6 95.4

98 47.4 37.1 55.7



#40

Benzene

Concen: 51.719 ug/l

RT: 5.777 min Scan# 1380

Delta R.T. 0.000 min

Lab File: VU045489.D

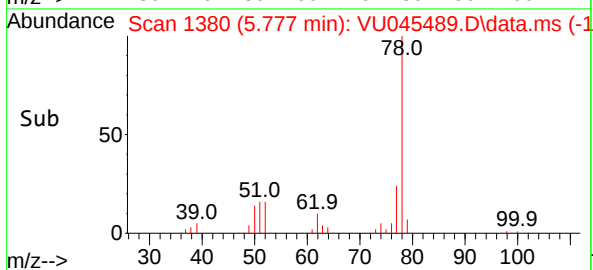
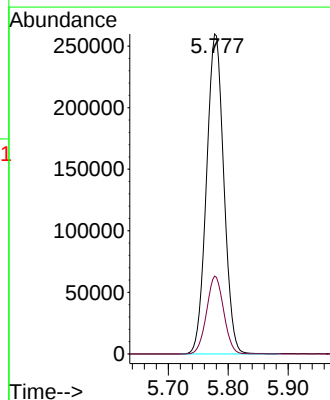
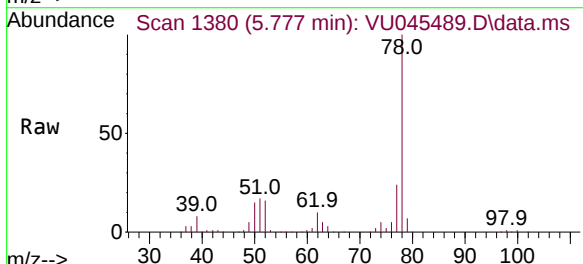
Acq: 01 Nov 2021 15:49

Tgt Ion: 78 Resp: 522199

Ion Ratio Lower Upper

78 100

77 24.3 19.0 28.4



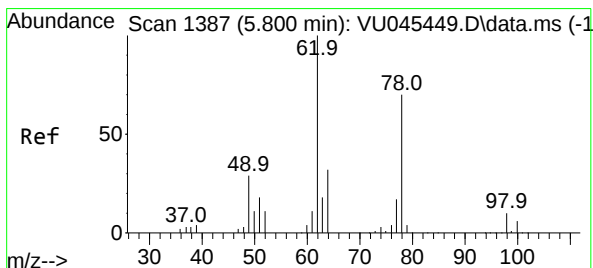
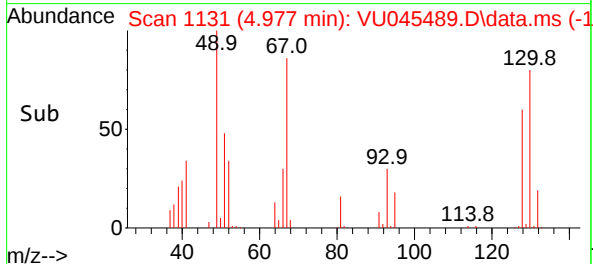
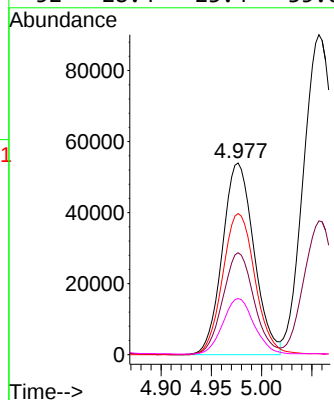
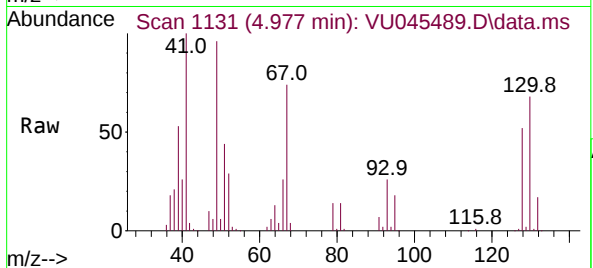


#41
Methacrylonitrile
Concen: 55.007 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VU045489.D
Acq: 01 Nov 2021 15:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 118256

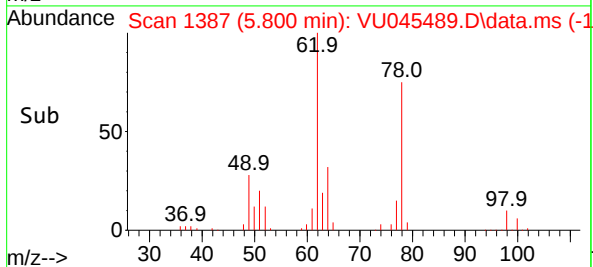
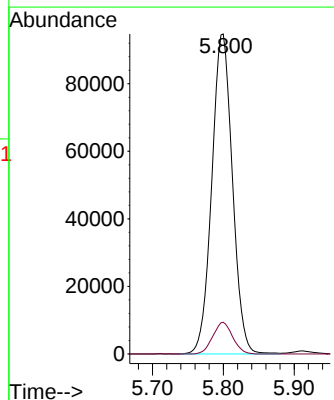
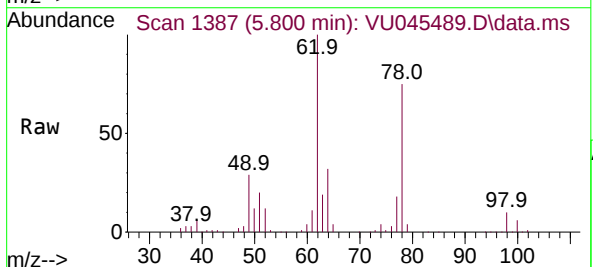
Ion	Ratio	Lower	Upper
41	100		
39	52.5	43.4	65.0
67	75.9	61.0	91.4
52	28.4	23.4	35.0



#42
1,2-Dichloroethane
Concen: 51.687 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VU045489.D
Acq: 01 Nov 2021 15:49

Tgt Ion: 62 Resp: 191674

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.4

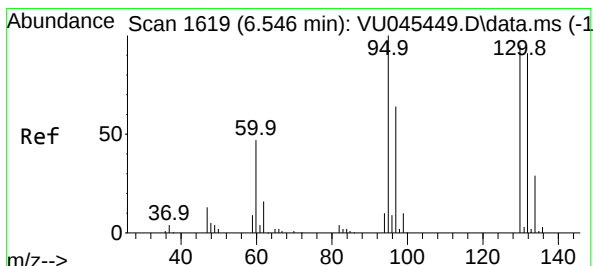
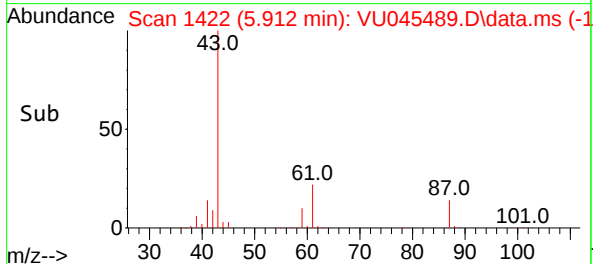
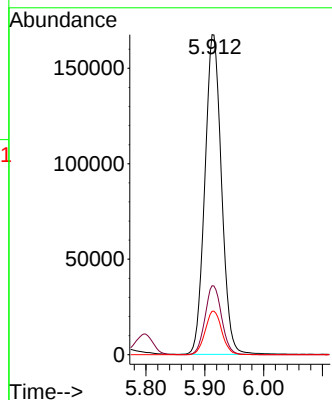
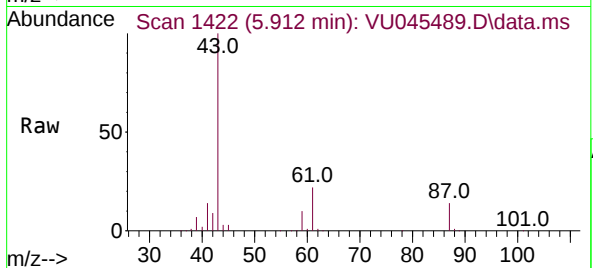




#43
Isopropyl Acetate
Concen: 53.687 ug/l
RT: 5.912 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VU045489.D
Acq: 01 Nov 2021 15:49

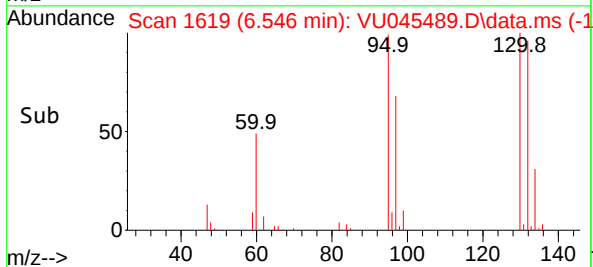
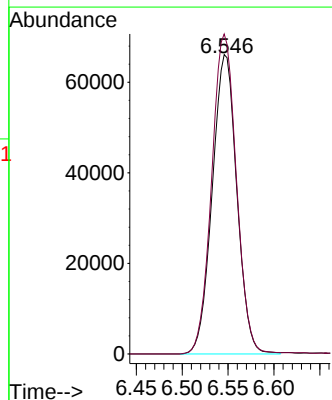
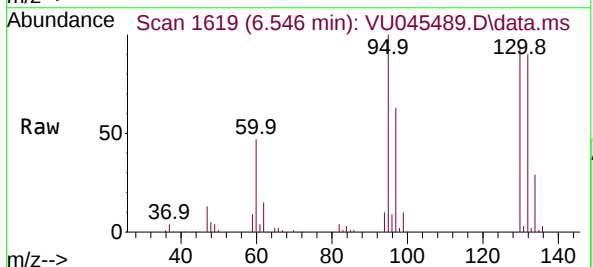
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

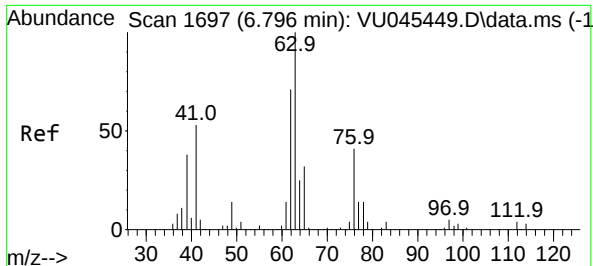
Tgt Ion: 43 Resp: 328670
Ion Ratio Lower Upper
43 100
61 21.5 16.9 25.3
87 13.6 11.0 16.4



#44
Trichloroethene
Concen: 52.716 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045489.D
Acq: 01 Nov 2021 15:49

Tgt Ion:130 Resp: 123366
Ion Ratio Lower Upper
130 100
95 106.9 0.0 211.4





#45

1,2-Dichloropropane

Concen: 52.326 ug/l

RT: 6.796 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045489.D

Acq: 01 Nov 2021 15:49

Instrument :

MSVOA_U

ClientSampleId :

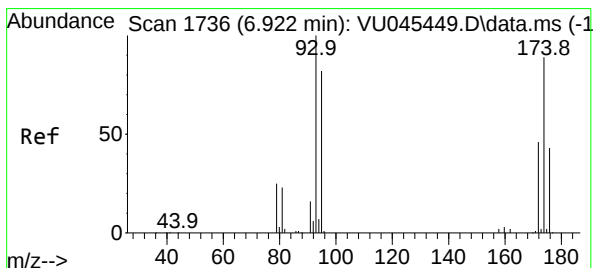
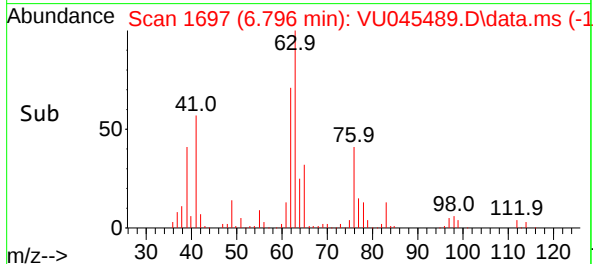
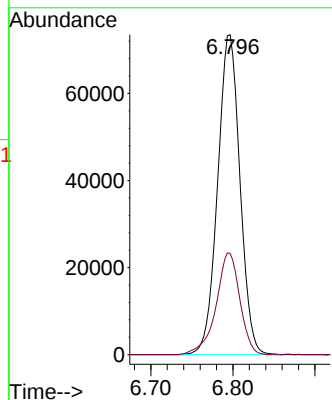
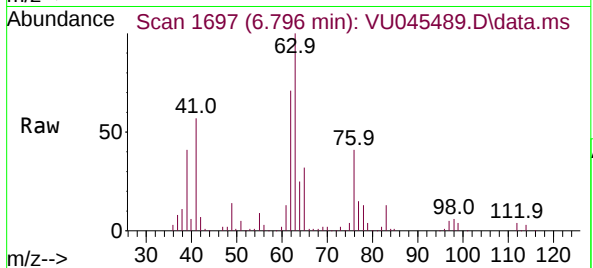
VSTDCCC050

Tgt Ion: 63 Resp: 139044

Ion Ratio Lower Upper

63 100

65 31.6 25.7 38.5



#46

Dibromomethane

Concen: 53.608 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. 0.000 min

Lab File: VU045489.D

Acq: 01 Nov 2021 15:49

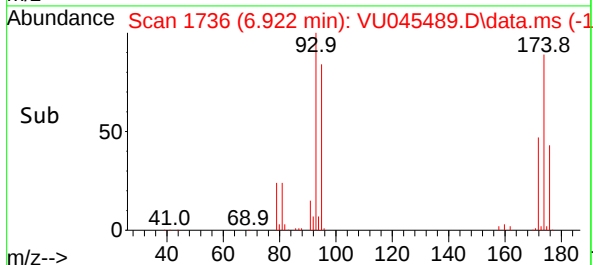
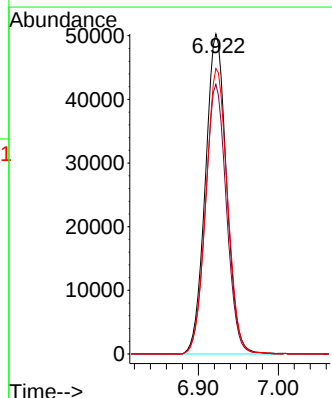
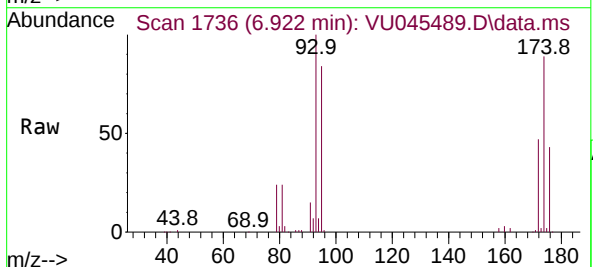
Tgt Ion: 93 Resp: 92753

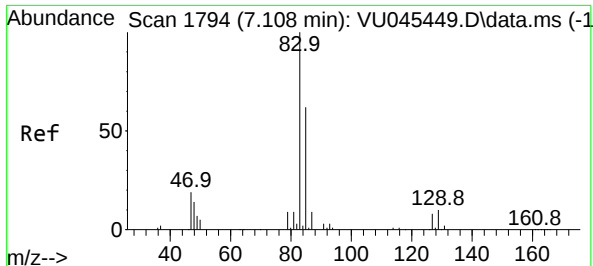
Ion Ratio Lower Upper

93 100

95 83.6 66.2 99.2

174 90.4 71.0 106.6





#47

Bromodichloromethane

Concen: 53.058 ug/l

RT: 7.108 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045489.D

Acq: 01 Nov 2021 15:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

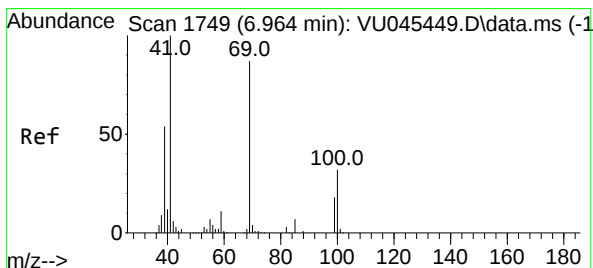
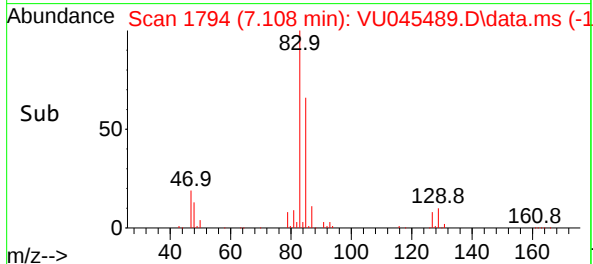
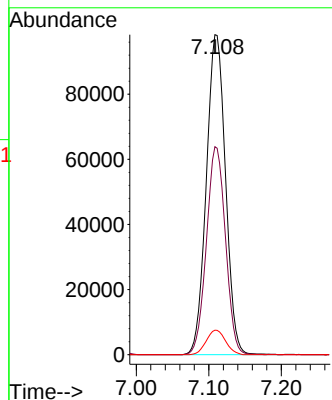
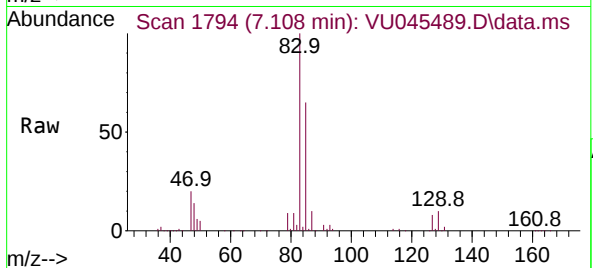
Tgt Ion: 83 Resp: 180667

Ion Ratio Lower Upper

83 100

85 65.0 49.8 74.6

127 7.6 6.2 9.2



#48

Methyl methacrylate

Concen: 53.964 ug/l

RT: 6.964 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VU045489.D

Acq: 01 Nov 2021 15:49

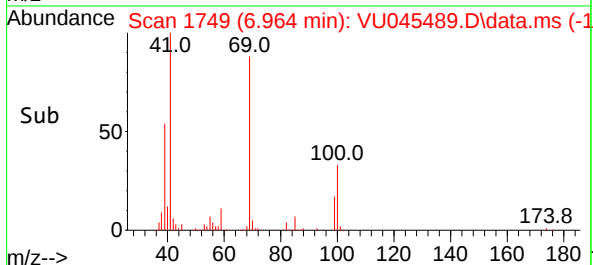
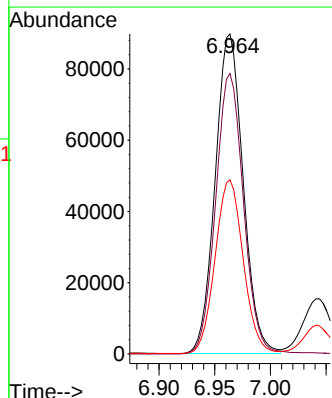
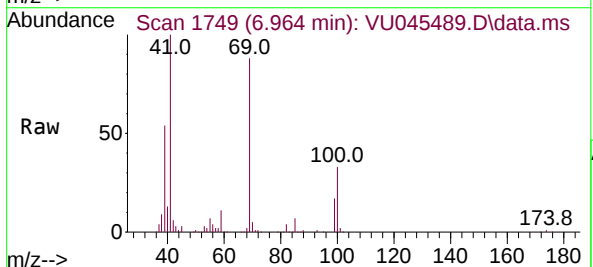
Tgt Ion: 41 Resp: 156587

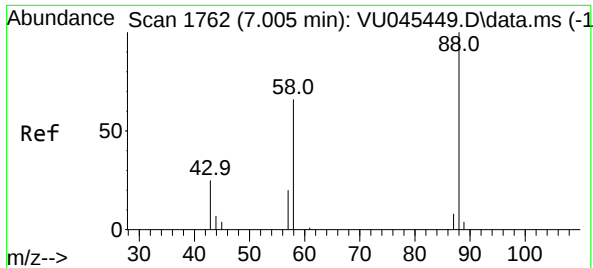
Ion Ratio Lower Upper

41 100

69 87.9 70.2 105.2

39 54.6 43.9 65.9





#49

1,4-Dioxane

Concen: 1197.455 ug/l

RT: 7.012 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU045489.D

Acq: 01 Nov 2021 15:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

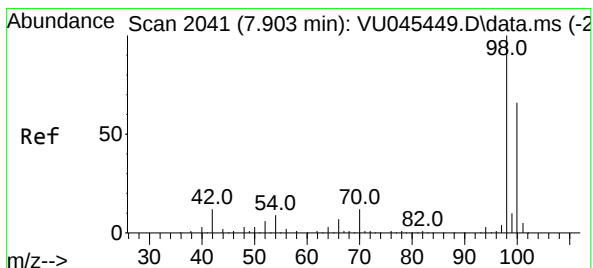
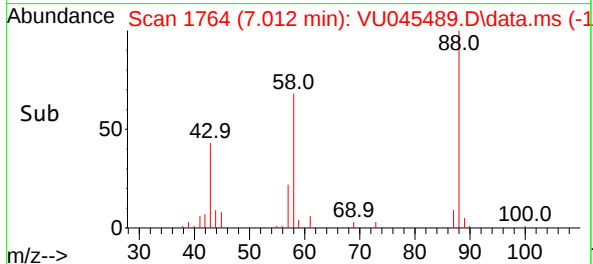
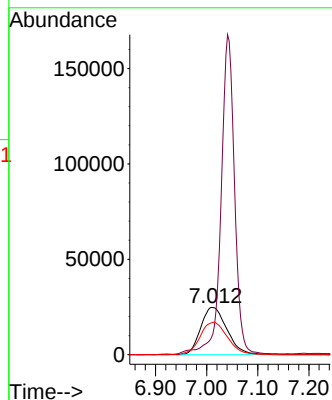
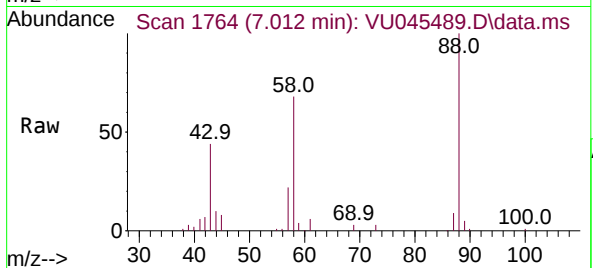
Tgt Ion: 88 Resp: 88306

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 71.7 58.7 88.1



#50

Toluene-d8

Concen: 50.708 ug/l

RT: 7.903 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VU045489.D

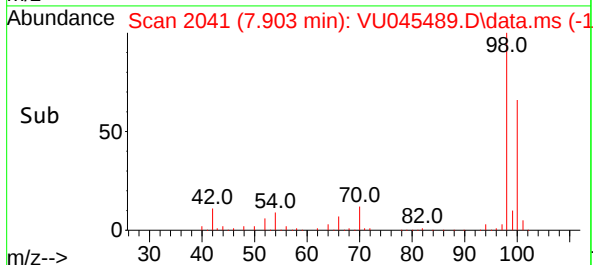
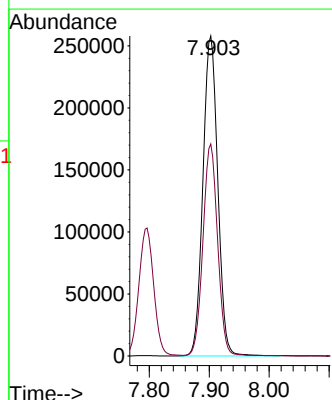
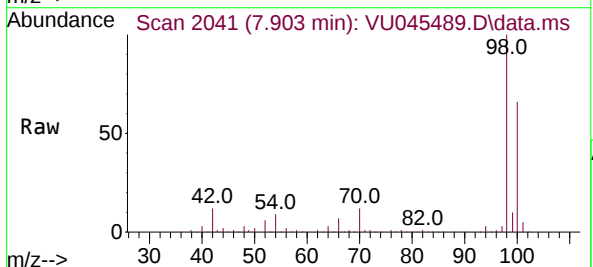
Acq: 01 Nov 2021 15:49

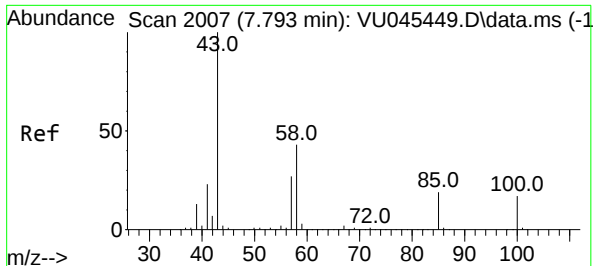
Tgt Ion: 98 Resp: 445514

Ion Ratio Lower Upper

98 100

100 65.2 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 269.315 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU045489.D

Acq: 01 Nov 2021 15:49

Instrument :

MSVOA_U

ClientSampleId :

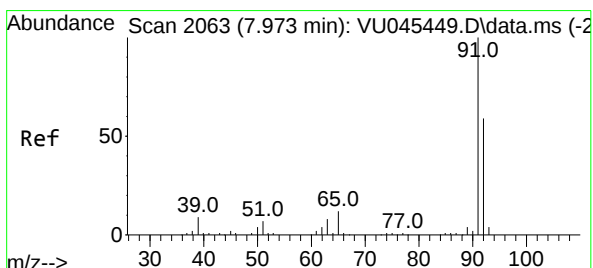
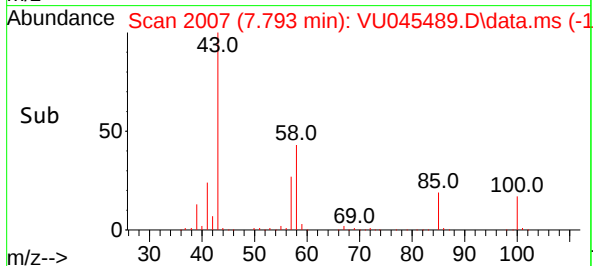
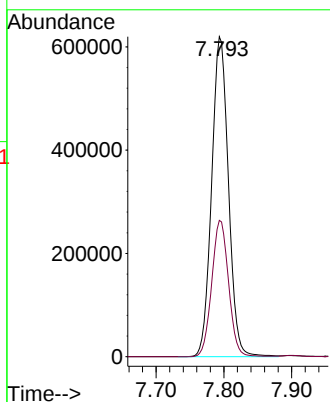
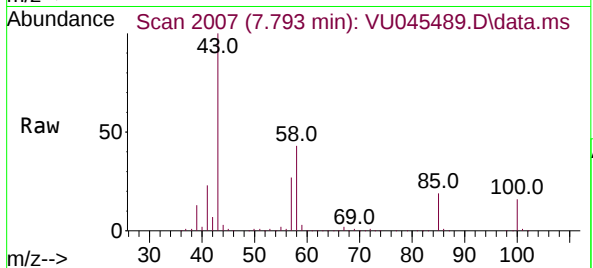
VSTDCCC050

Tgt Ion: 43 Resp: 1065635

Ion Ratio Lower Upper

43 100

58 42.7 33.8 50.8



#52

Toluene

Concen: 53.356 ug/l

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU045489.D

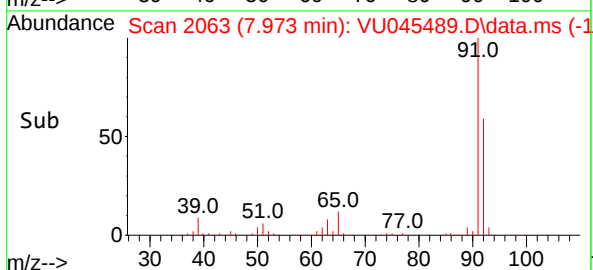
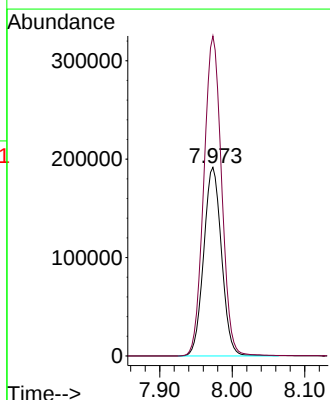
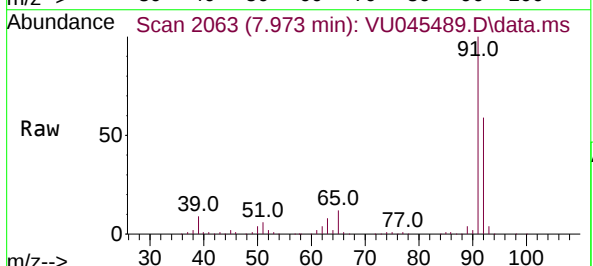
Acq: 01 Nov 2021 15:49

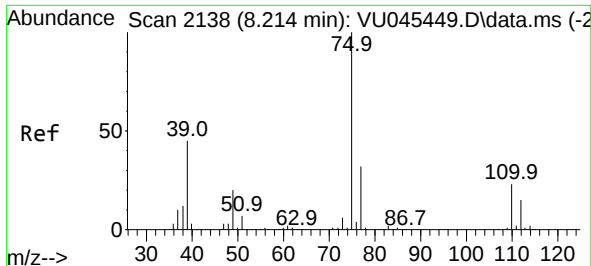
Tgt Ion: 92 Resp: 327489

Ion Ratio Lower Upper

92 100

91 169.5 135.6 203.4





#53

t-1,3-Dichloropropene

Concen: 54.271 ug/l

RT: 8.214 min Scan# 2138

Delta R.T. 0.000 min

Lab File: VU045489.D

Acq: 01 Nov 2021 15:49

Instrument :

MSVOA_U

ClientSampleId :

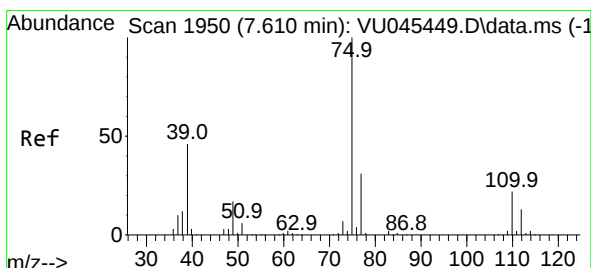
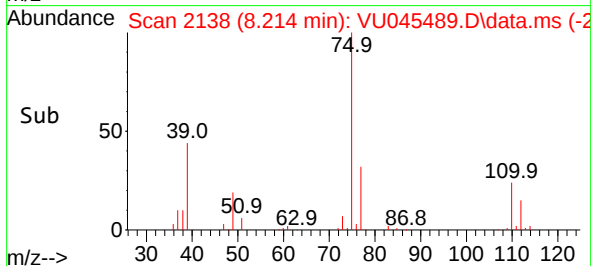
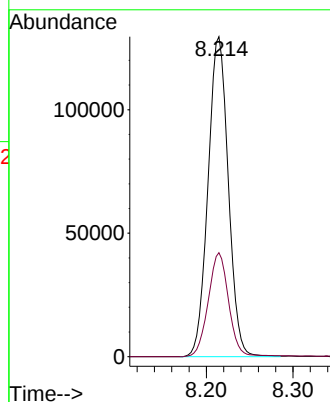
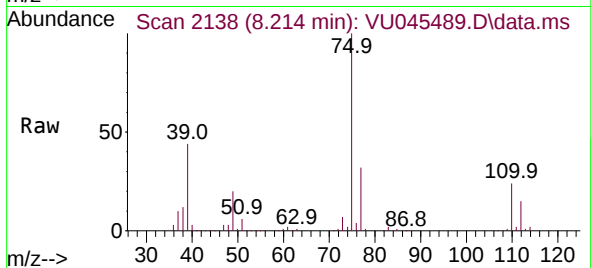
VSTDCCC050

Tgt Ion: 75 Resp: 210625

Ion Ratio Lower Upper

75 100

77 32.5 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 54.564 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU045489.D

Acq: 01 Nov 2021 15:49

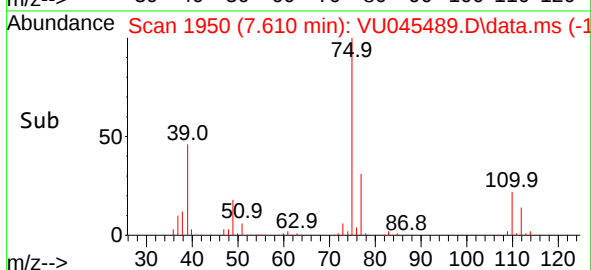
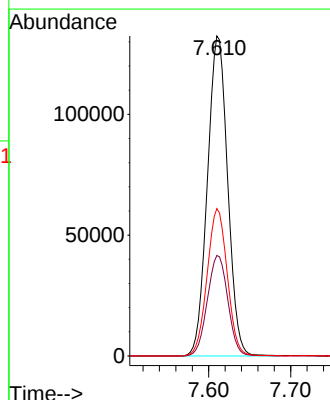
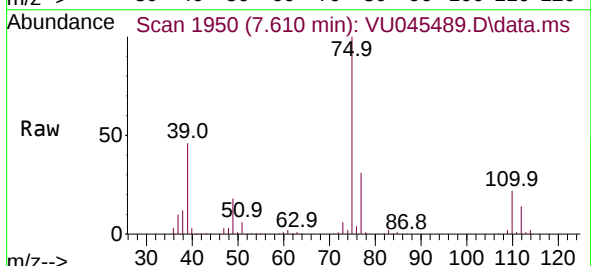
Tgt Ion: 75 Resp: 226786

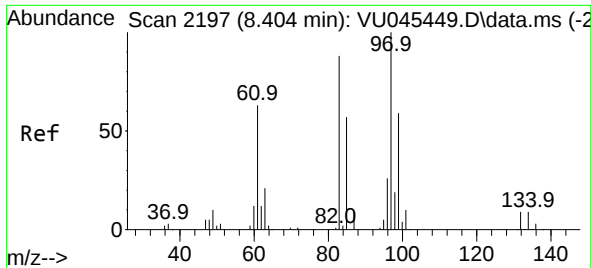
Ion Ratio Lower Upper

75 100

77 31.4 24.6 37.0

39 46.0 37.1 55.7



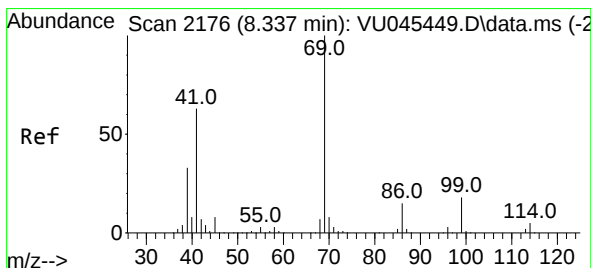
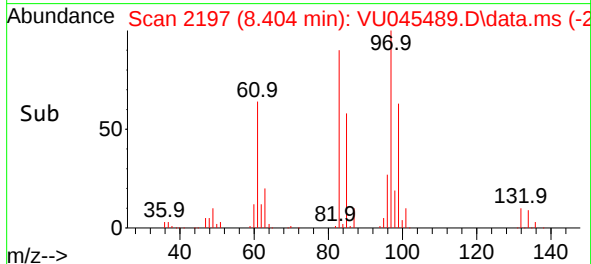
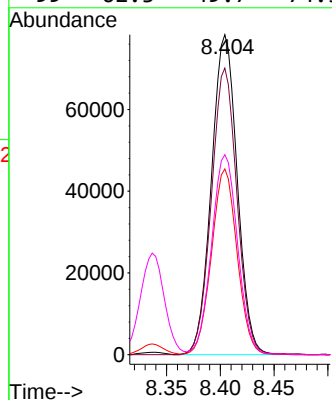
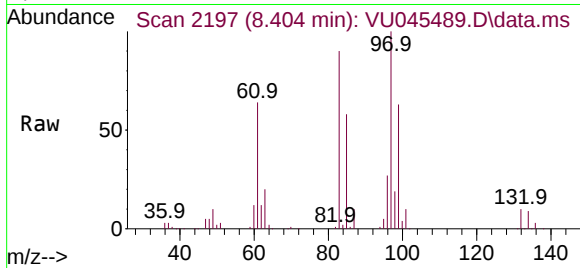


#55
1,1,2-Trichloroethane
Concen: 52.178 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU045489.D
Acq: 01 Nov 2021 15:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 130817

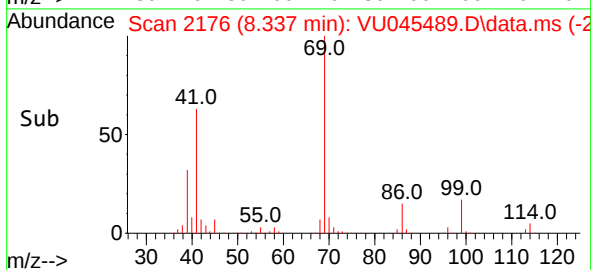
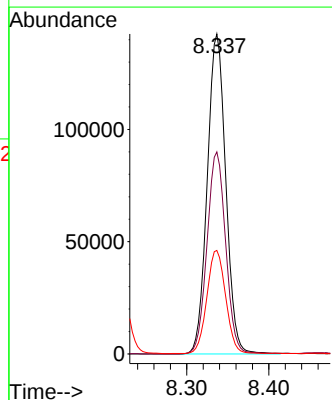
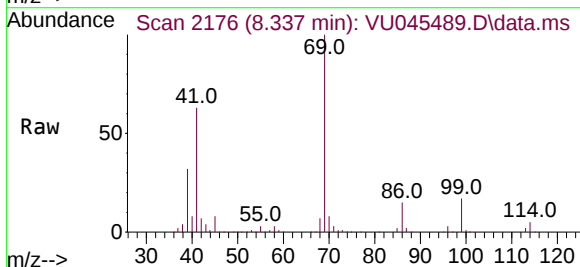
Ion	Ratio	Lower	Upper
97	100		
83	89.5	70.3	105.5
85	57.8	45.5	68.3
99	62.3	49.7	74.5

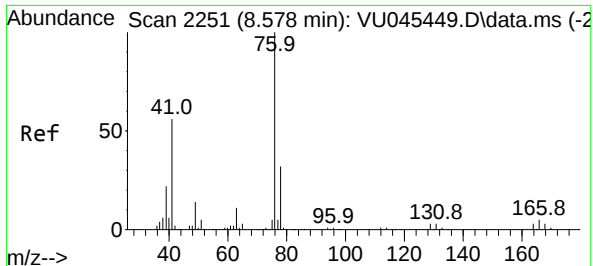


#56
Ethyl methacrylate
Concen: 48.906 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. -0.000 min
Lab File: VU045489.D
Acq: 01 Nov 2021 15:49

Tgt Ion: 69 Resp: 224189

Ion	Ratio	Lower	Upper
69	100		
41	63.8	51.0	76.4
39	32.7	26.6	39.8





#57

1,3-Dichloropropane

Concen: 52.711 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045489.D

Acq: 01 Nov 2021 15:49

Instrument :

MSVOA_U

ClientSampleId :

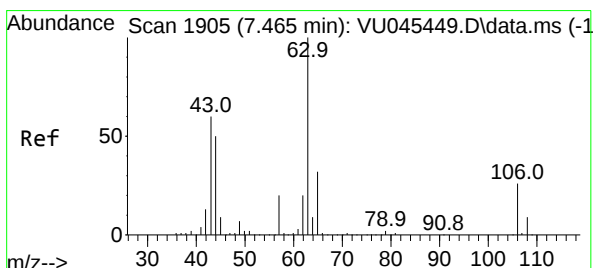
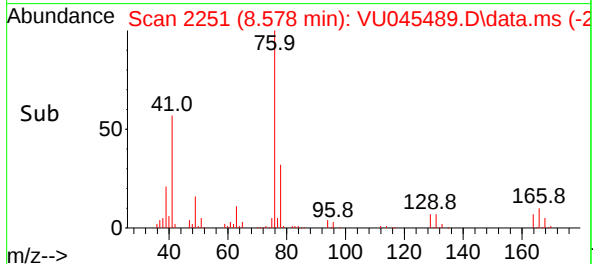
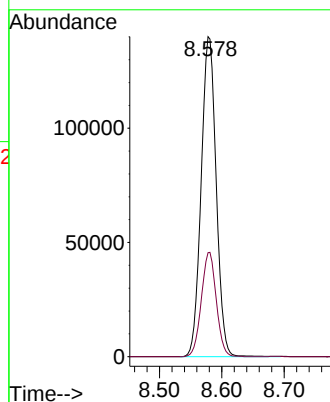
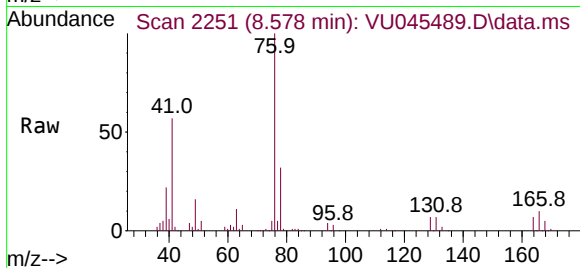
VSTDCCC050

Tgt Ion: 76 Resp: 234582

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 259.402 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VU045489.D

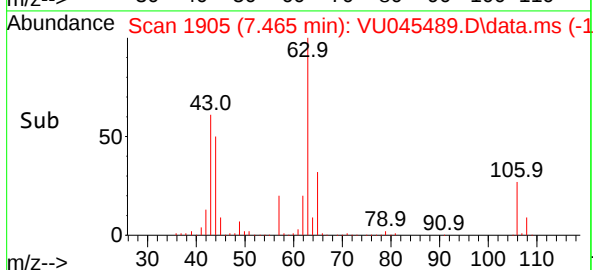
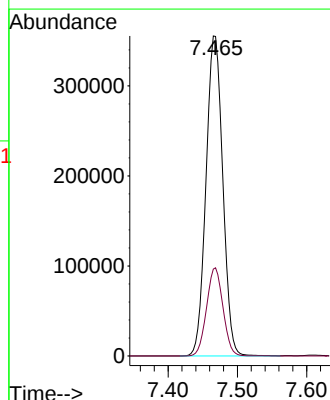
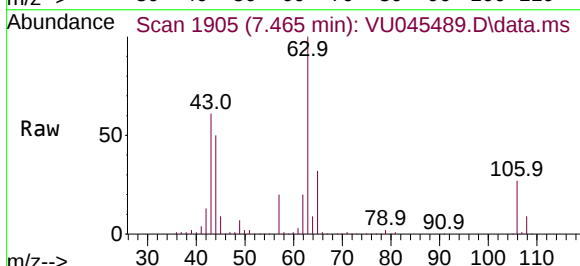
Acq: 01 Nov 2021 15:49

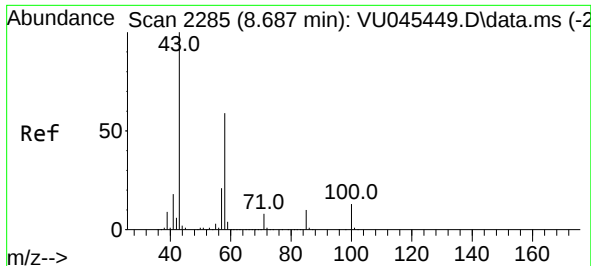
Tgt Ion: 63 Resp: 596123

Ion Ratio Lower Upper

63 100

106 26.9 21.0 31.4

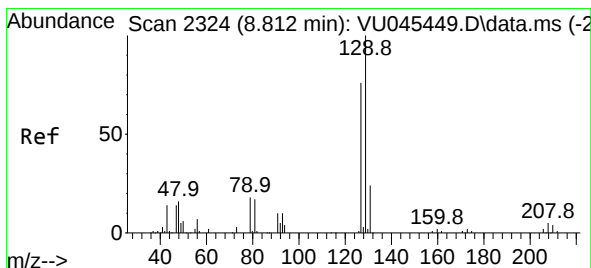
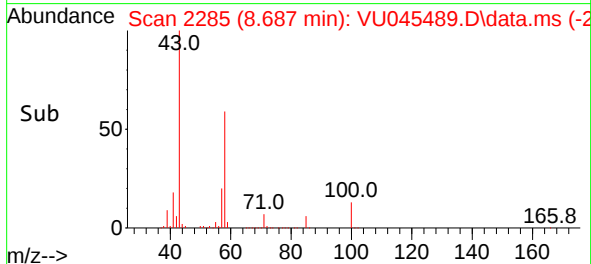
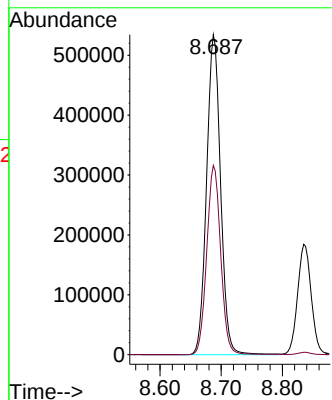
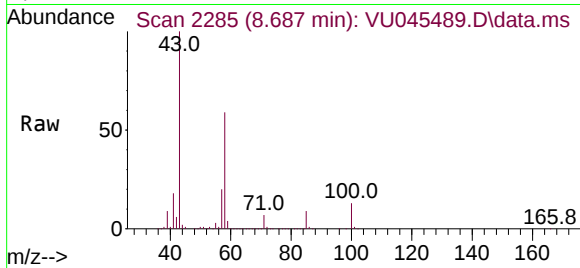




#59
2-Hexanone
Concen: 276.879 ug/l
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045489.D
Acq: 01 Nov 2021 15:49

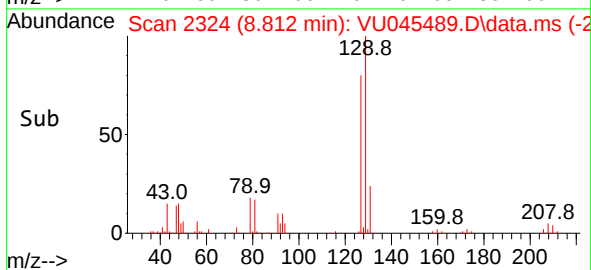
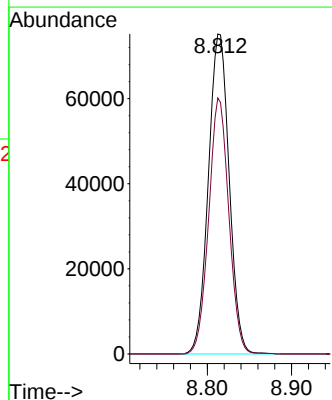
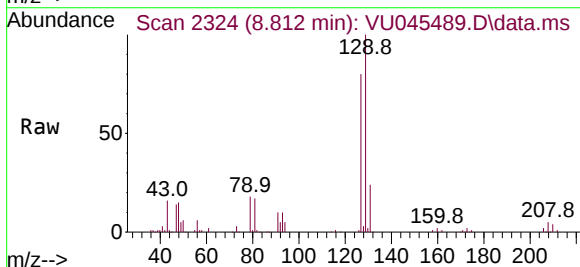
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

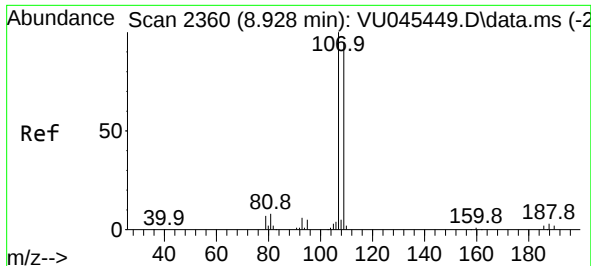
Tgt Ion: 43 Resp: 848829
Ion Ratio Lower Upper
43 100
58 59.1 29.5 88.6



#60
Dibromochloromethane
Concen: 53.670 ug/l
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU045489.D
Acq: 01 Nov 2021 15:49

Tgt Ion: 129 Resp: 129138
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.3

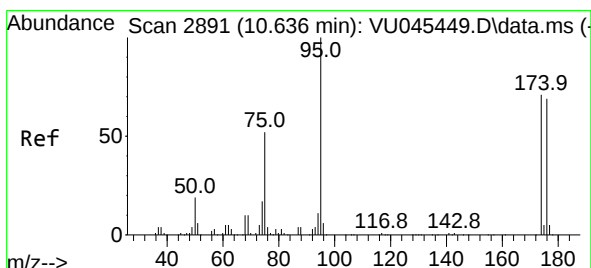
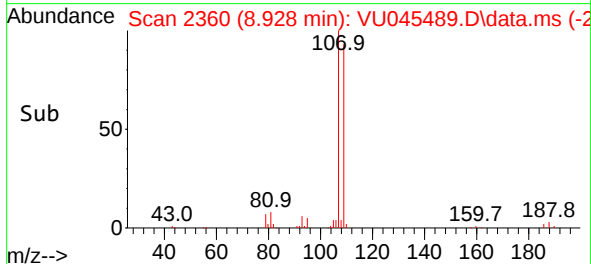
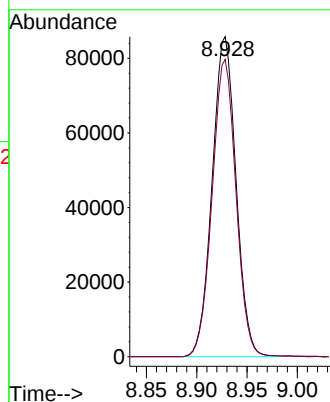
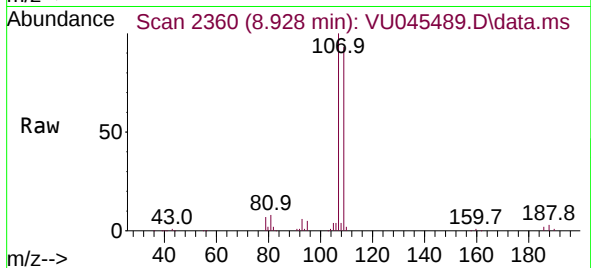




#61
1,2-Dibromoethane
Concen: 54.011 ug/l
RT: 8.928 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VU045489.D
Acq: 01 Nov 2021 15:49

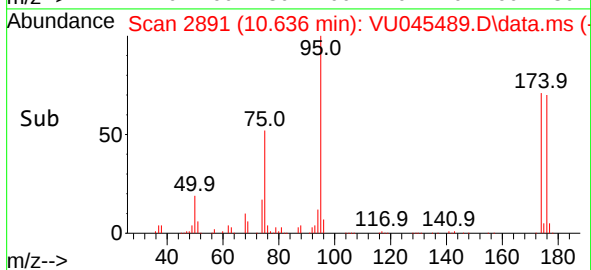
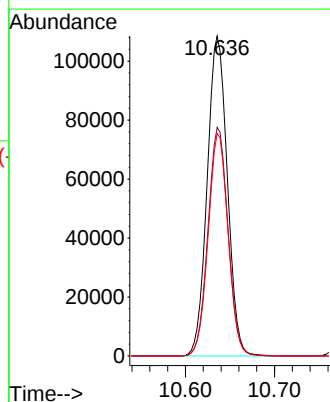
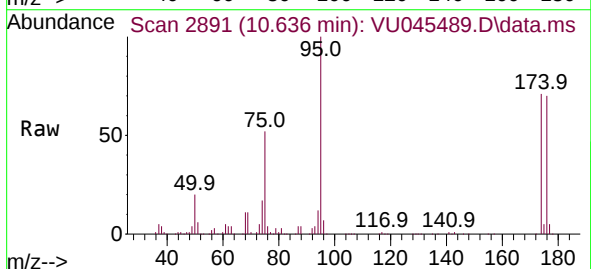
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

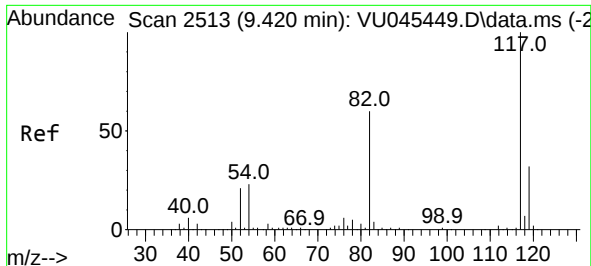
Tgt Ion:107 Resp: 141837
Ion Ratio Lower Upper
107 100
109 92.8 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 50.844 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU045489.D
Acq: 01 Nov 2021 15:49

Tgt Ion: 95 Resp: 170222
Ion Ratio Lower Upper
95 100
174 71.1 0.0 141.8
176 68.6 0.0 138.2

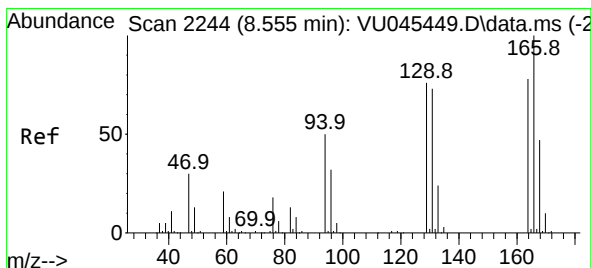
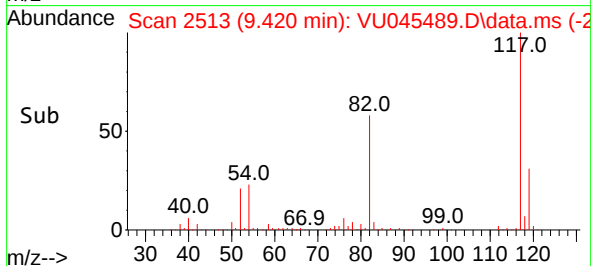
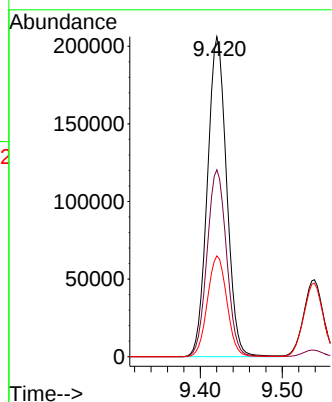
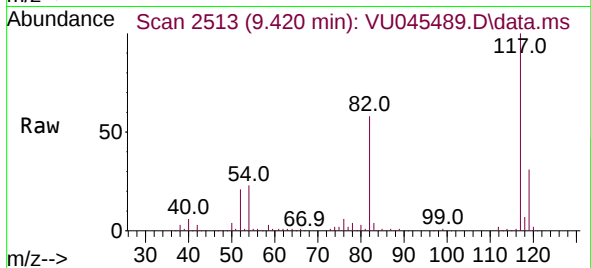




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045489.D
Acq: 01 Nov 2021 15:49

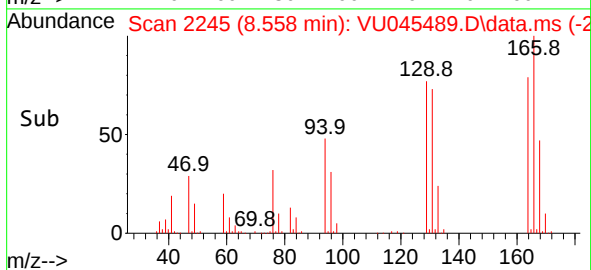
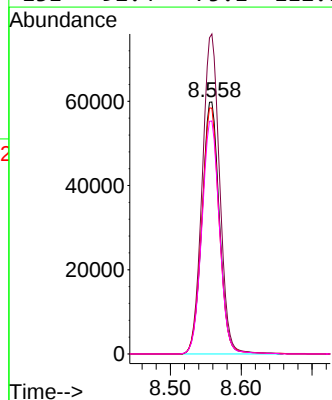
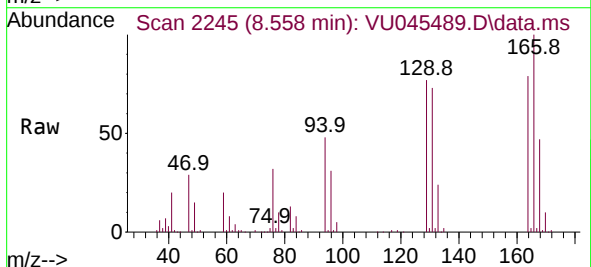
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

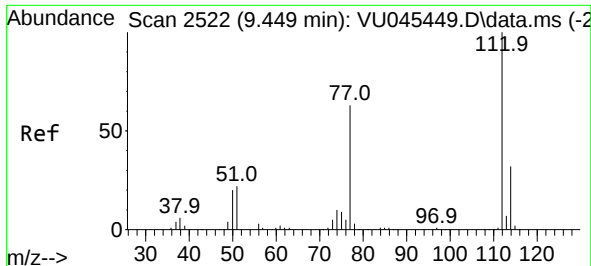
Tgt Ion:117 Resp: 335253
Ion Ratio Lower Upper
117 100
82 58.4 47.8 71.8
119 31.5 25.8 38.8



#64
Tetrachloroethene
Concen: 53.084 ug/l
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU045489.D
Acq: 01 Nov 2021 15:49

Tgt Ion:164 Resp: 101729
Ion Ratio Lower Upper
164 100
166 127.0 102.2 153.4
129 97.5 78.2 117.4
131 92.4 75.1 112.7

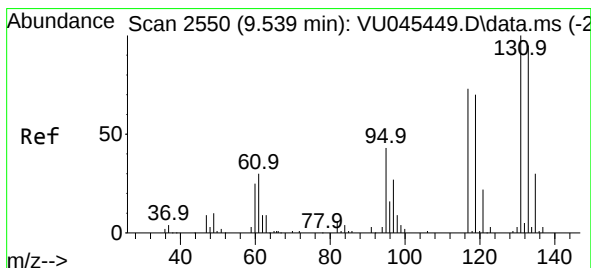
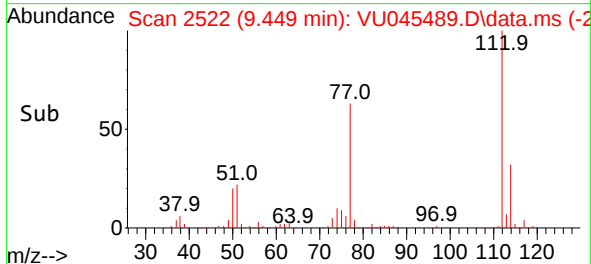
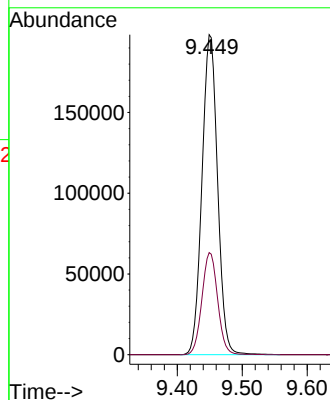
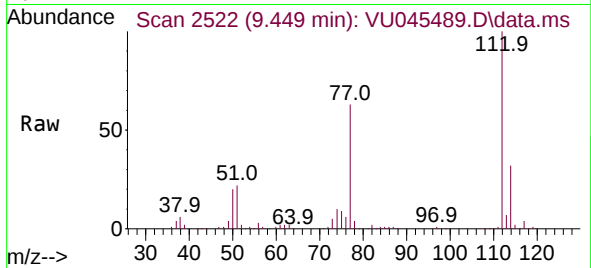




#65
Chlorobenzene
Concen: 52.114 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU045489.D
Acq: 01 Nov 2021 15:49

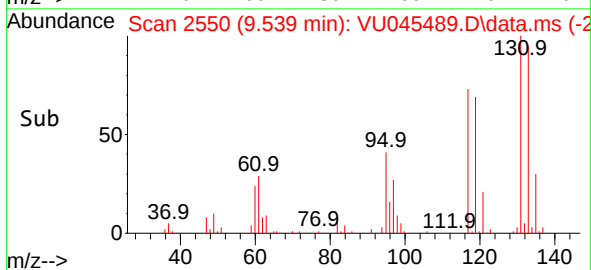
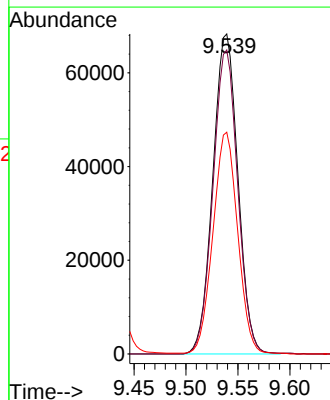
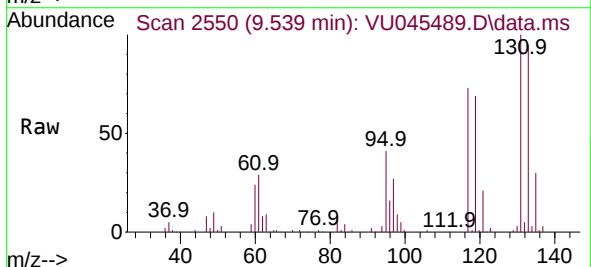
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

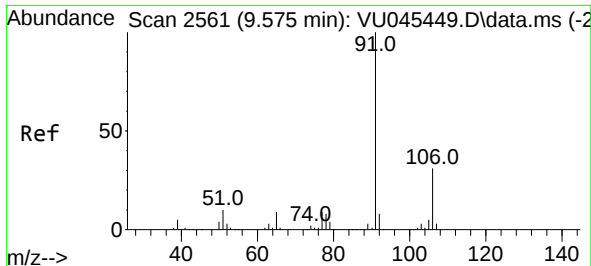
Tgt Ion:112 Resp: 331257
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 53.395 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. 0.000 min
Lab File: VU045489.D
Acq: 01 Nov 2021 15:49

Tgt Ion:131 Resp: 114509
Ion Ratio Lower Upper
131 100
133 94.1 47.9 143.6
119 68.6 34.5 103.6

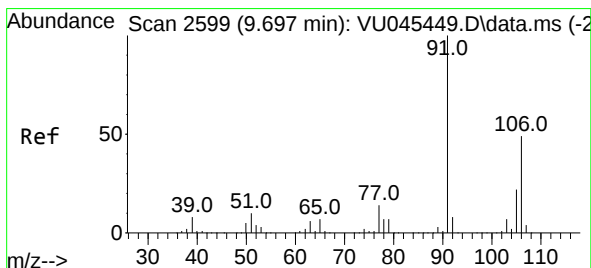
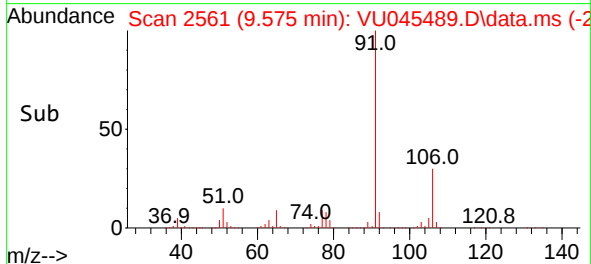
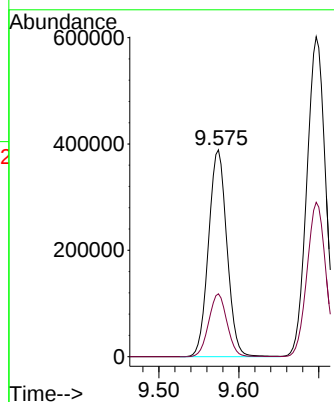
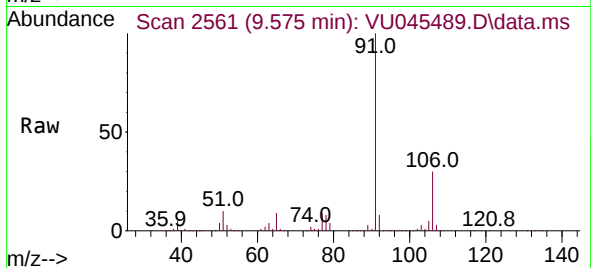




#67
Ethyl Benzene
Concen: 53.443 ug/l
RT: 9.575 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU045489.D
Acq: 01 Nov 2021 15:49

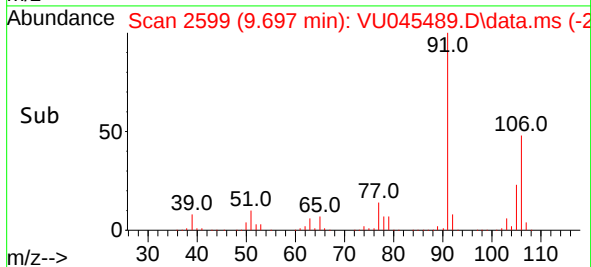
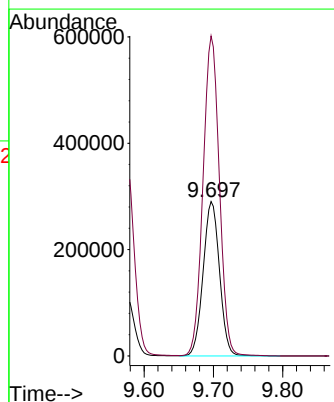
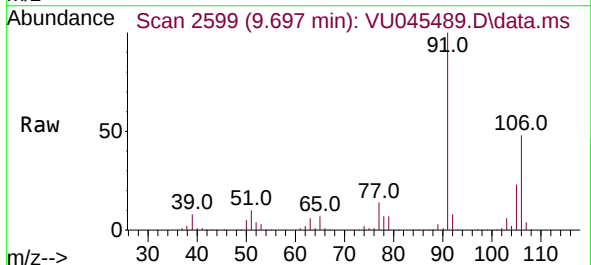
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

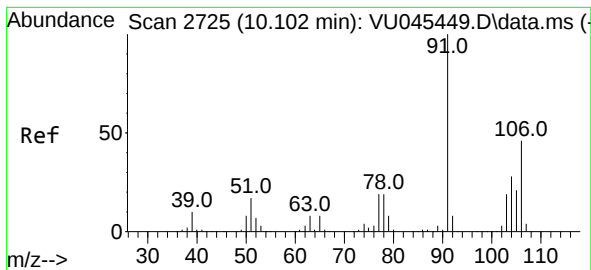
Tgt Ion: 91 Resp: 622280
Ion Ratio Lower Upper
91 100
106 30.4 24.6 36.8



#68
m/p-Xylenes
Concen: 108.077 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045489.D
Acq: 01 Nov 2021 15:49

Tgt Ion: 106 Resp: 475023
Ion Ratio Lower Upper
106 100
91 207.3 164.7 247.1

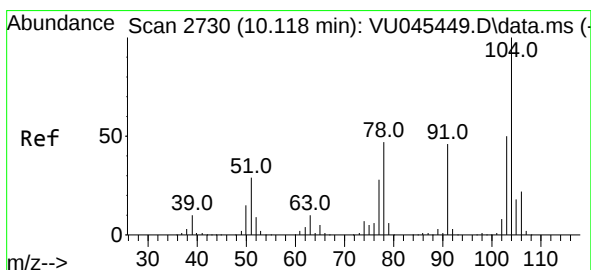
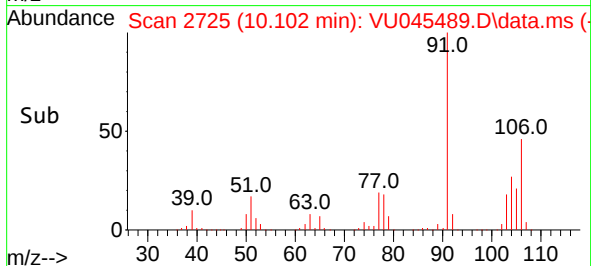
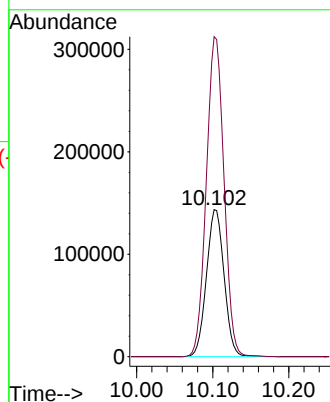
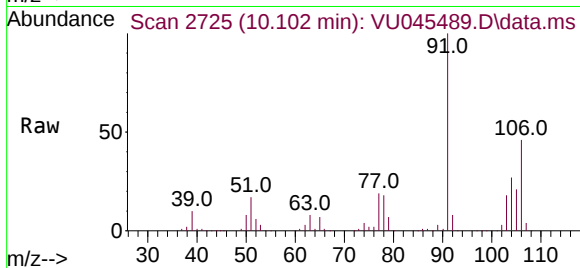




#69
o-Xylene
Concen: 53.885 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU045489.D
Acq: 01 Nov 2021 15:49

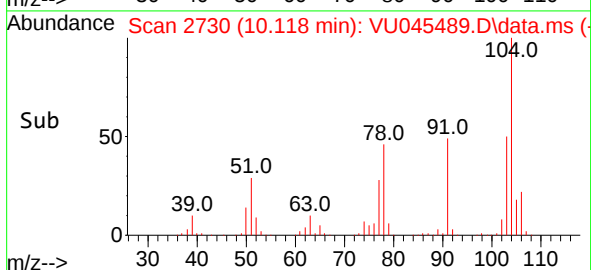
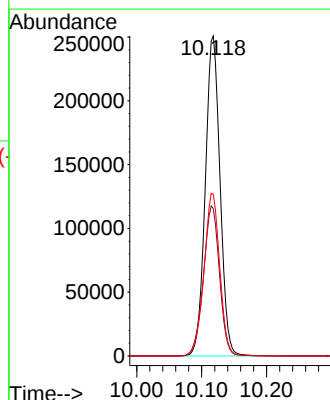
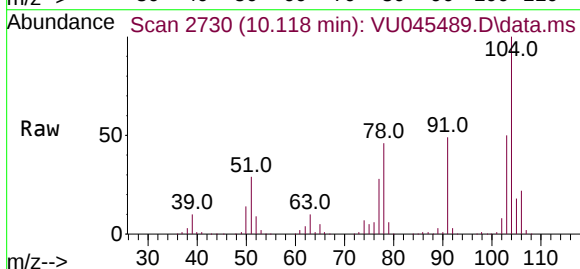
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

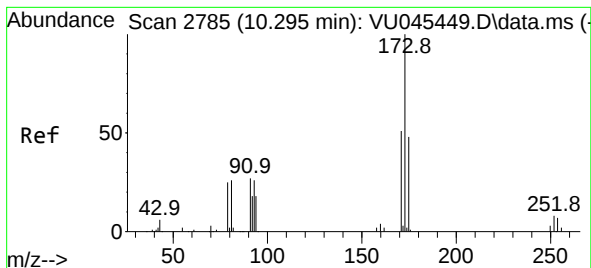
Tgt Ion:106 Resp: 230939
Ion Ratio Lower Upper
106 100
91 218.4 108.7 326.3



#70
Styrene
Concen: 50.119 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU045489.D
Acq: 01 Nov 2021 15:49

Tgt Ion:104 Resp: 397184
Ion Ratio Lower Upper
104 100
78 51.1 41.8 62.6
103 54.3 43.8 65.6





#71

Bromoform

Concen: 48.578 ug/l

RT: 10.295 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU045489.D

Acq: 01 Nov 2021 15:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

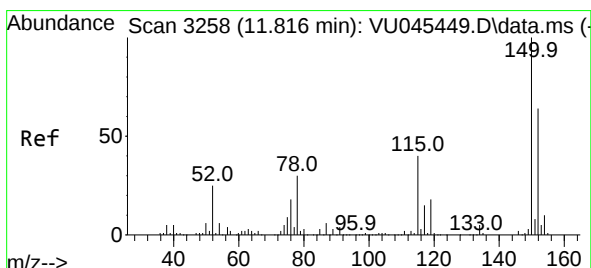
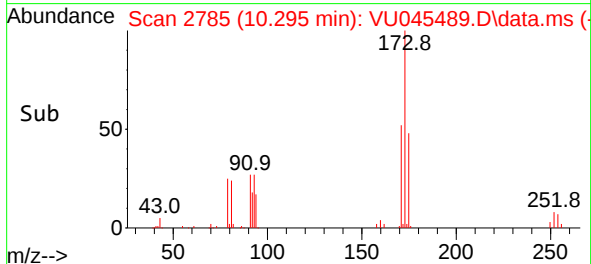
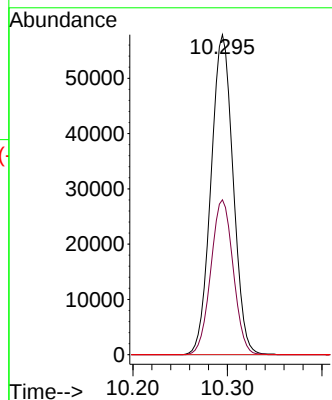
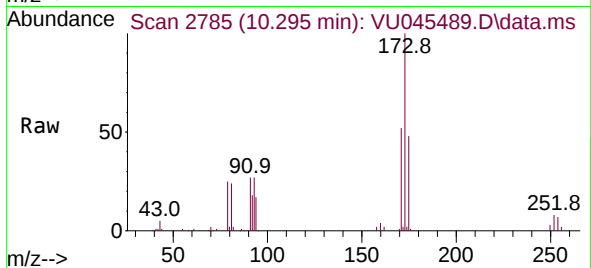
Tgt Ion:173 Resp: 94114

Ion Ratio Lower Upper

173 100

175 48.9 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: VU045489.D

Acq: 01 Nov 2021 15:49

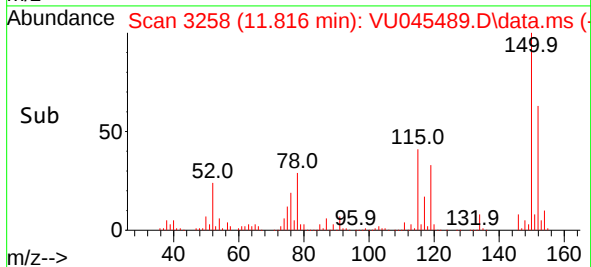
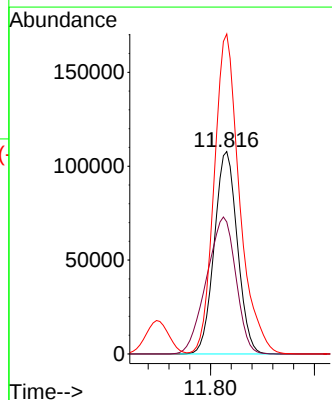
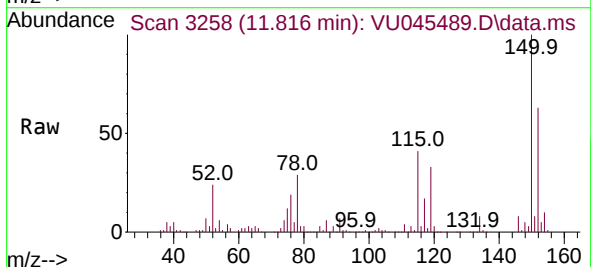
Tgt Ion:152 Resp: 166087

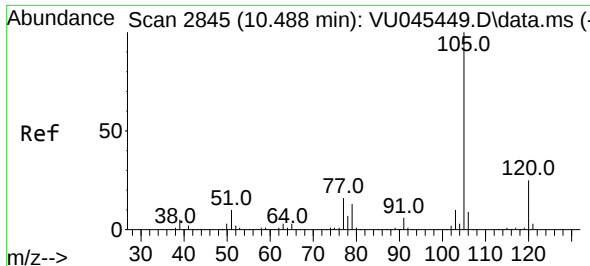
Ion Ratio Lower Upper

152 100

115 85.9 42.7 128.1

150 173.9 0.0 346.8

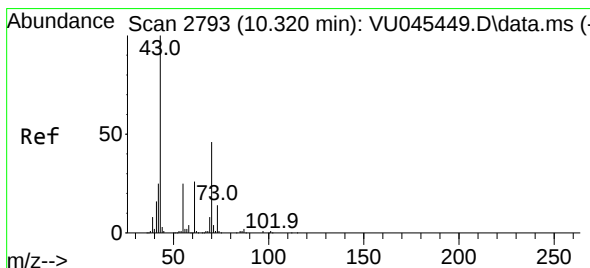
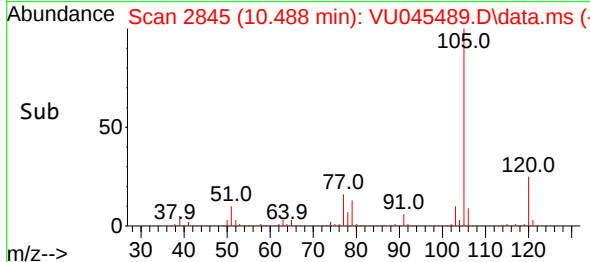
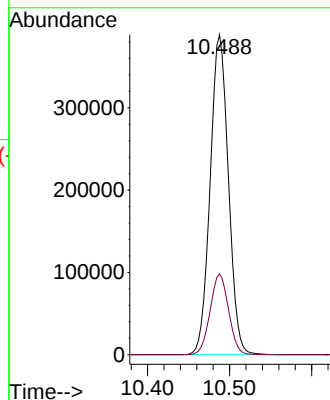
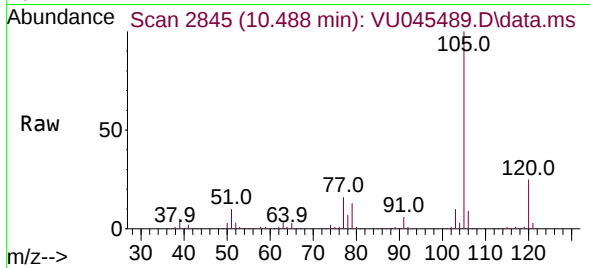




#73
Isopropylbenzene
Concen: 53.590 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045489.D
Acq: 01 Nov 2021 15:49

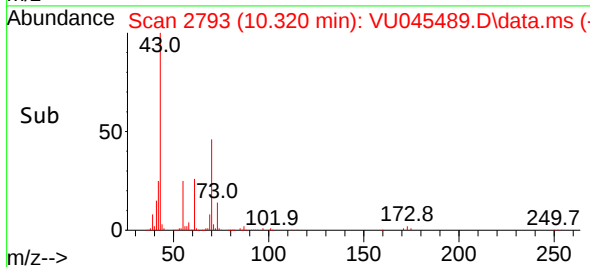
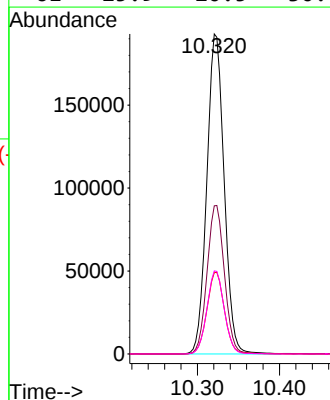
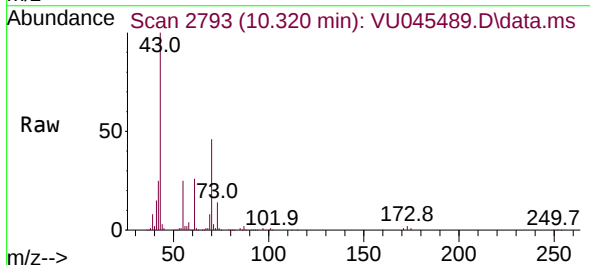
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

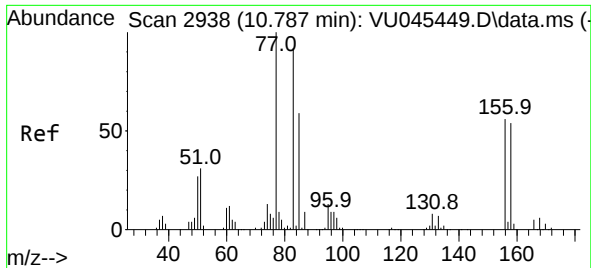
Tgt Ion:105 Resp: 600158
Ion Ratio Lower Upper
105 100
120 25.5 12.9 38.6



#74
N-ethyl acetate
Concen: 48.694 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. 0.000 min
Lab File: VU045489.D
Acq: 01 Nov 2021 15:49

Tgt Ion: 43 Resp: 282670
Ion Ratio Lower Upper
43 100
70 46.6 36.9 55.3
55 25.9 20.6 31.0
61 25.9 20.5 30.7

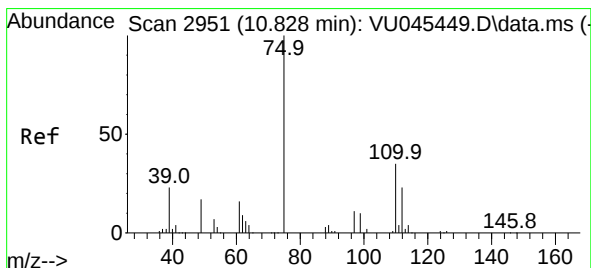
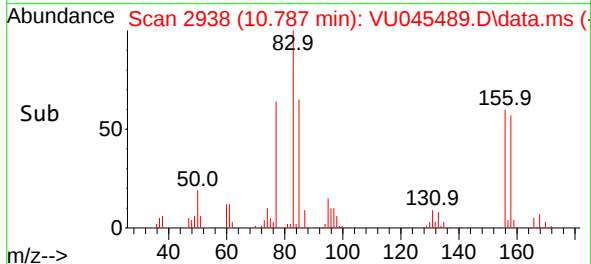
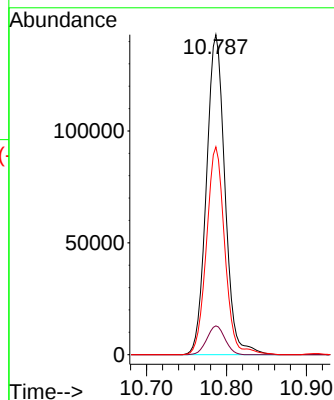
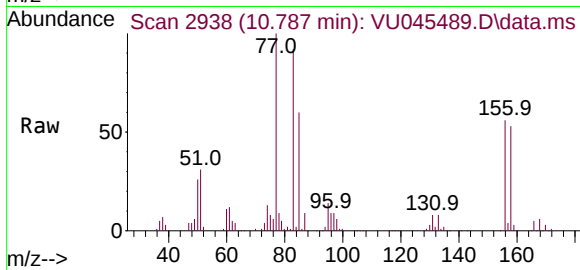




#75
1,1,2,2-Tetrachloroethane
Concen: 51.936 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU045489.D
Acq: 01 Nov 2021 15:49

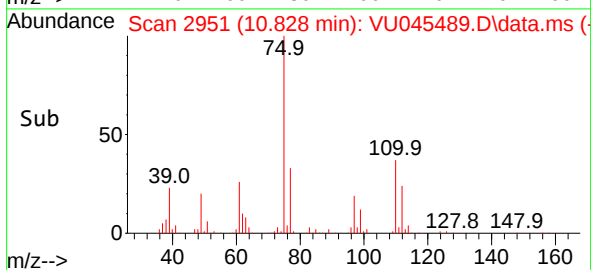
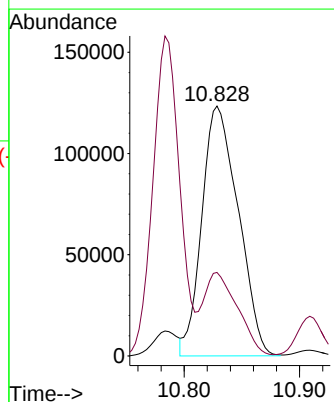
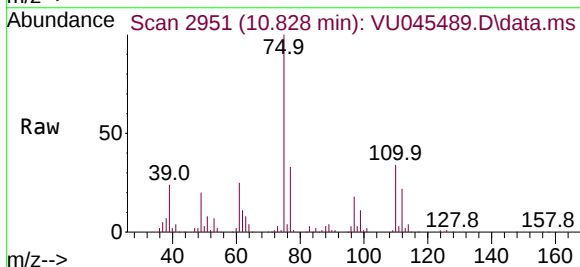
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

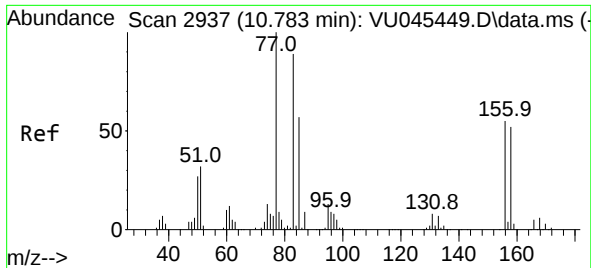
Tgt Ion: 83 Resp: 230845
Ion Ratio Lower Upper
83 100
131 8.8 4.4 13.2
85 64.2 31.9 95.9



#76
1,2,3-Trichloropropane
Concen: 61.147 ug/l
RT: 10.828 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU045489.D
Acq: 01 Nov 2021 15:49

Tgt Ion: 75 Resp: 270590
Ion Ratio Lower Upper
75 100
77 30.3 17.1 51.3

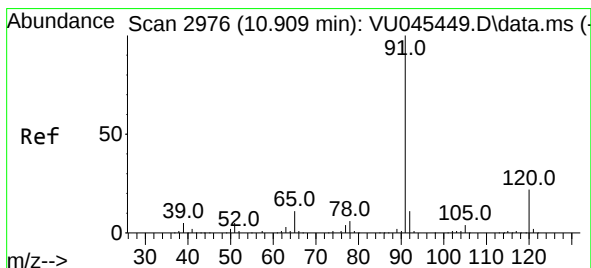
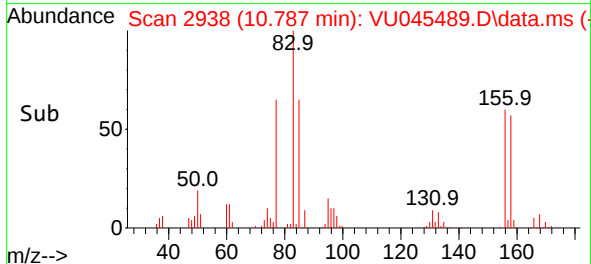
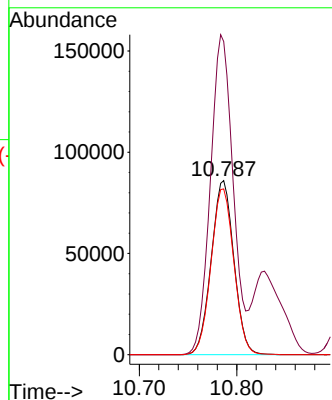
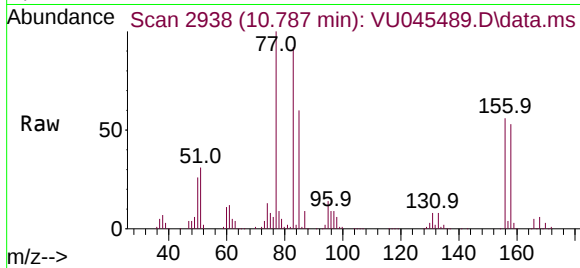




#77
Bromobenzene
Concen: 53.137 ug/l
RT: 10.787 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU045489.D
Acq: 01 Nov 2021 15:49

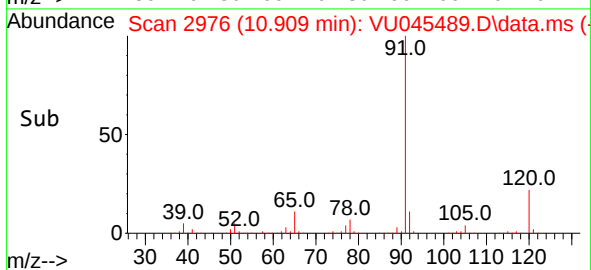
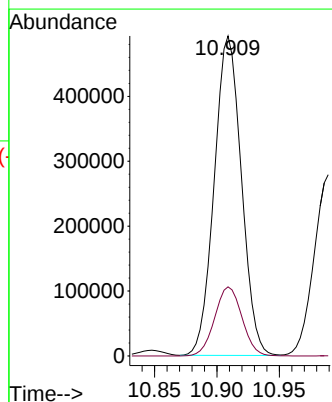
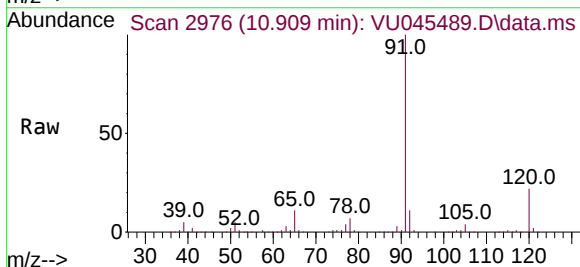
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

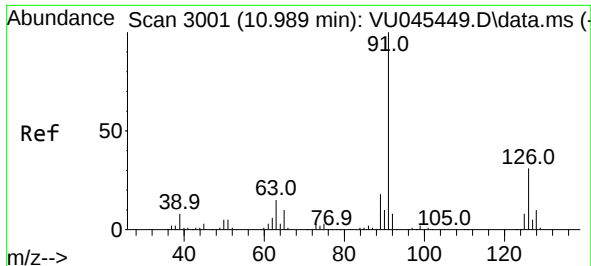
Tgt Ion:156 Resp: 138847
Ion Ratio Lower Upper
156 100
77 183.2 91.1 273.4
158 96.4 47.9 143.6



#78
n-propylbenzene
Concen: 54.966 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.000 min
Lab File: VU045489.D
Acq: 01 Nov 2021 15:49

Tgt Ion: 91 Resp: 746304
Ion Ratio Lower Upper
91 100
120 21.8 10.9 32.7





#79

2-Chlorotoluene

Concen: 52.977 ug/l

RT: 10.989 min Scan# 3001

Delta R.T. 0.000 min

Lab File: VU045489.D

Acq: 01 Nov 2021 15:49

Instrument :

MSVOA_U

ClientSampleId :

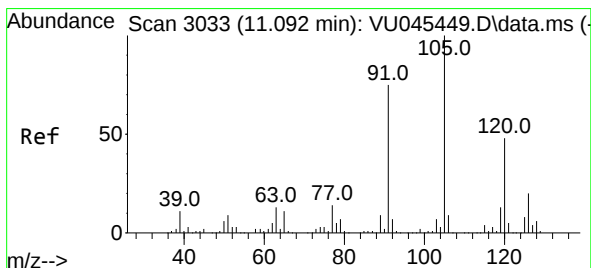
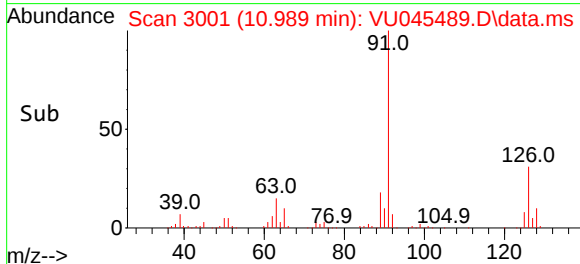
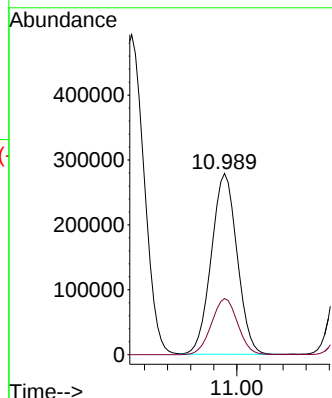
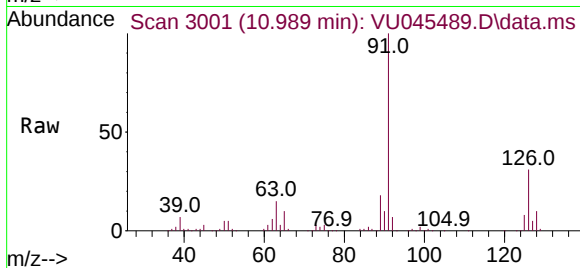
VSTDCCC050

Tgt Ion: 91 Resp: 432951

Ion Ratio Lower Upper

91 100

126 31.5 15.6 46.8



#80

1,3,5-Trimethylbenzene

Concen: 54.941 ug/l

RT: 11.092 min Scan# 3033

Delta R.T. 0.000 min

Lab File: VU045489.D

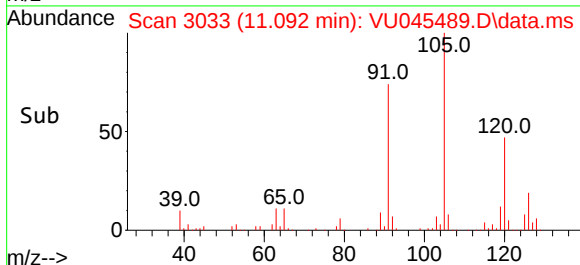
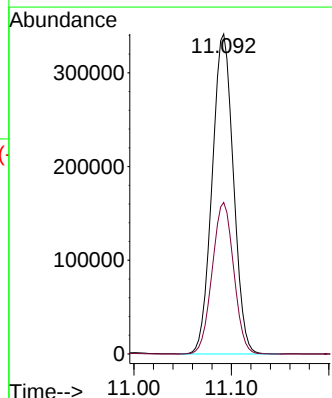
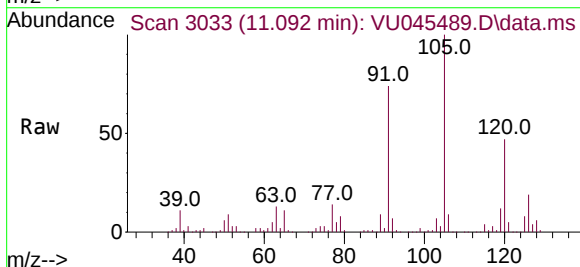
Acq: 01 Nov 2021 15:49

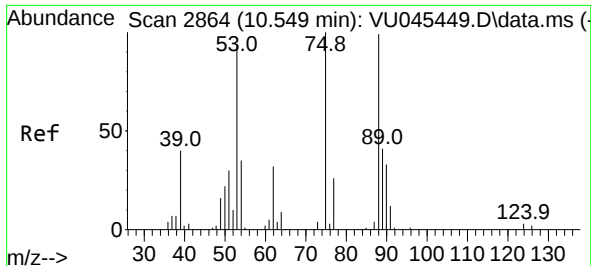
Tgt Ion: 105 Resp: 517738

Ion Ratio Lower Upper

105 100

120 47.8 23.9 71.8

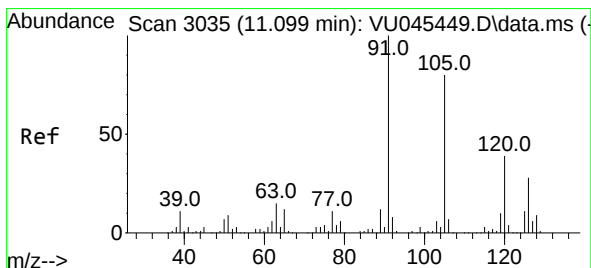
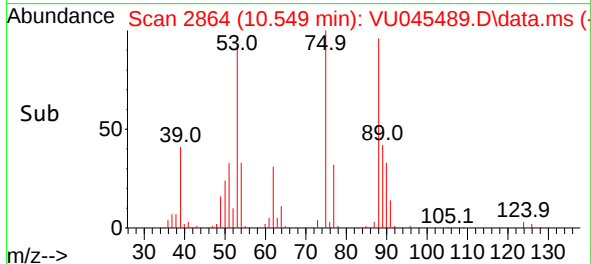
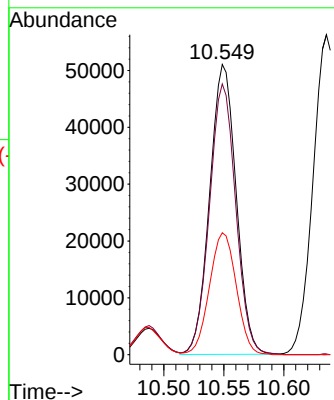
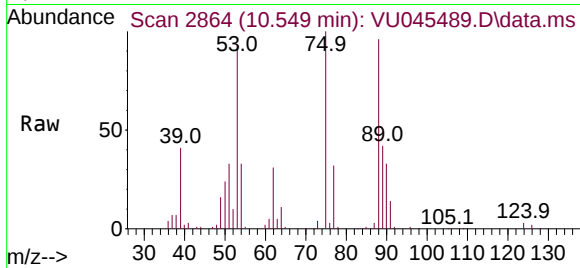




#81
trans-1,4-Dichloro-2-butene
Concen: 49.491 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.000 min
Lab File: VU045489.D
Acq: 01 Nov 2021 15:49

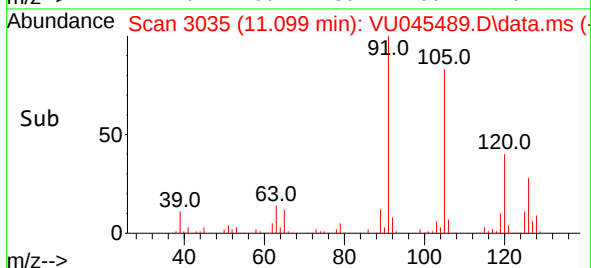
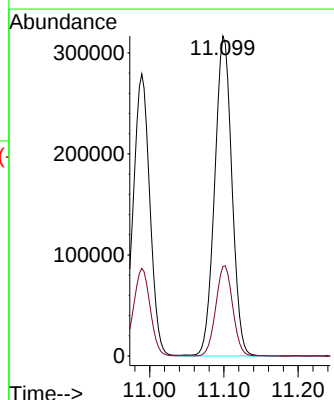
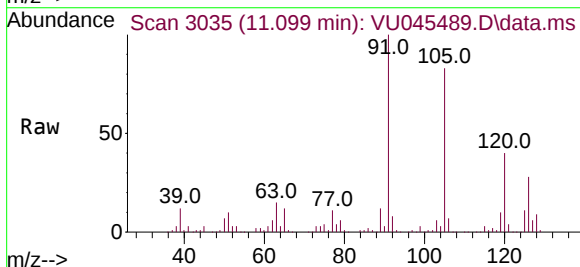
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

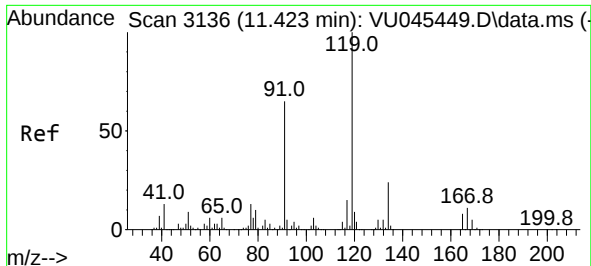
Tgt Ion: 75 Resp: 78351
Ion Ratio Lower Upper
75 100
53 92.8 76.2 114.4
89 42.6 34.0 51.0



#82
4-Chlorotoluene
Concen: 54.892 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU045489.D
Acq: 01 Nov 2021 15:49

Tgt Ion: 91 Resp: 510132
Ion Ratio Lower Upper
91 100
126 27.6 13.8 41.4

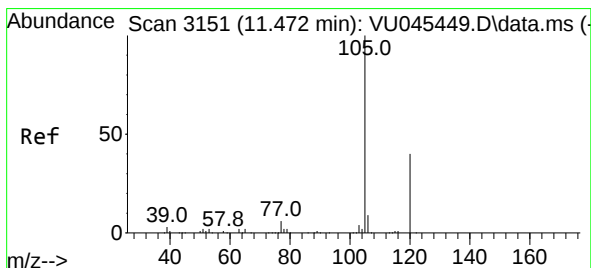
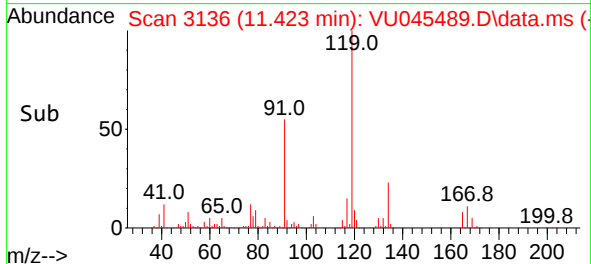
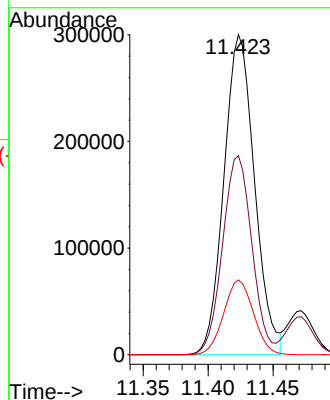
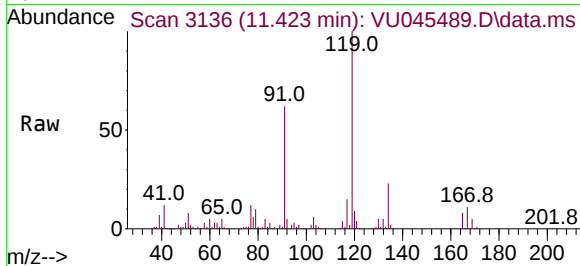




#83
tert-Butylbenzene
Concen: 54.203 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU045489.D
Acq: 01 Nov 2021 15:49

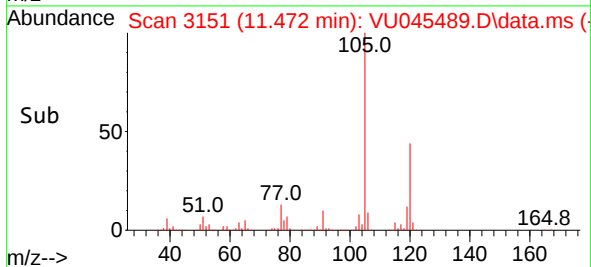
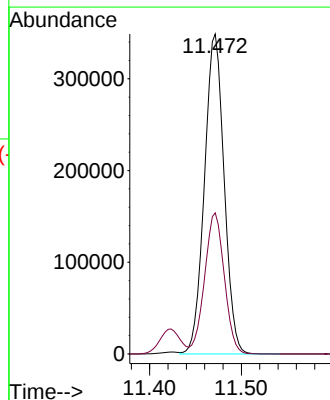
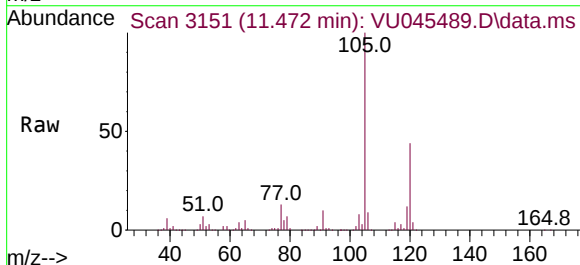
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

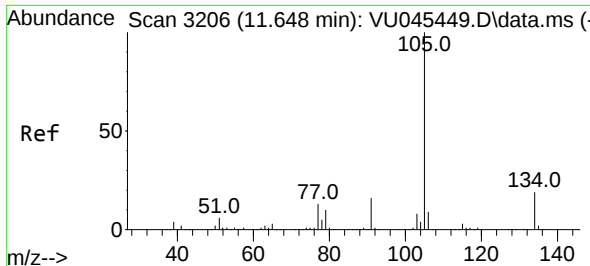
Tgt Ion:119 Resp: 493043
Ion Ratio Lower Upper
119 100
91 59.7 30.5 91.5
134 22.7 11.5 34.5



#84
1,2,4-Trimethylbenzene
Concen: 55.099 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU045489.D
Acq: 01 Nov 2021 15:49

Tgt Ion:105 Resp: 520249
Ion Ratio Lower Upper
105 100
120 44.1 22.2 66.6

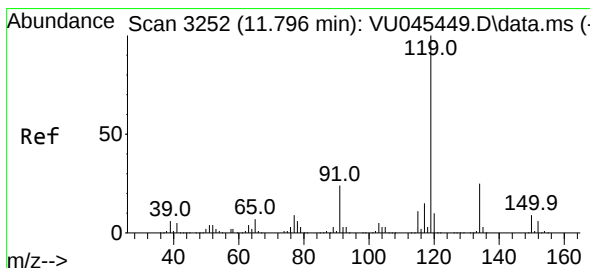
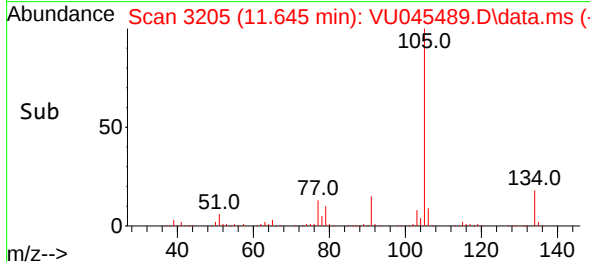
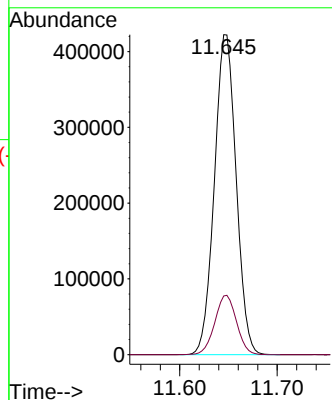
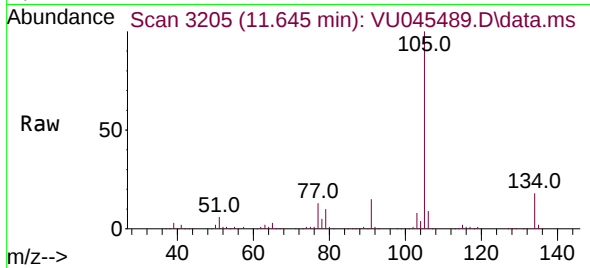




#85
 sec-Butylbenzene
 Concen: 54.864 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU045489.D
 Acq: 01 Nov 2021 15:49

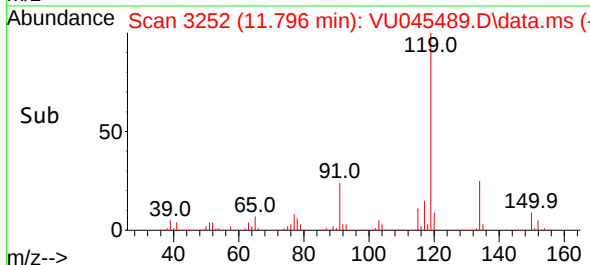
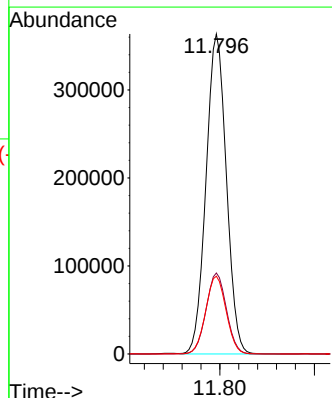
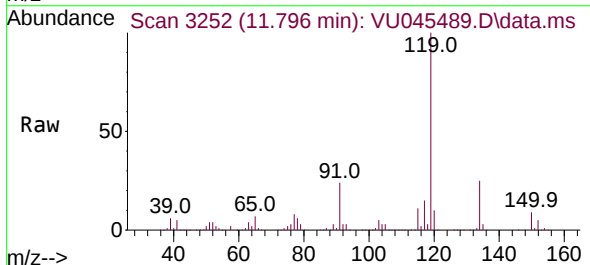
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

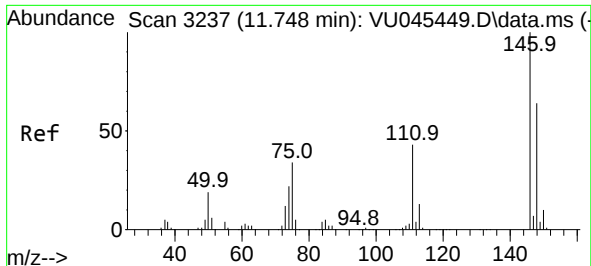
Tgt Ion:105 Resp: 654900
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.4 28.3



#86
 p-Isopropyltoluene
 Concen: 51.298 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU045489.D
 Acq: 01 Nov 2021 15:49

Tgt Ion:119 Resp: 542515
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.7 38.1
 91 24.5 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 52.631 ug/l

RT: 11.748 min Scan# 3237

Delta R.T. 0.000 min

Lab File: VU045489.D

Acq: 01 Nov 2021 15:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

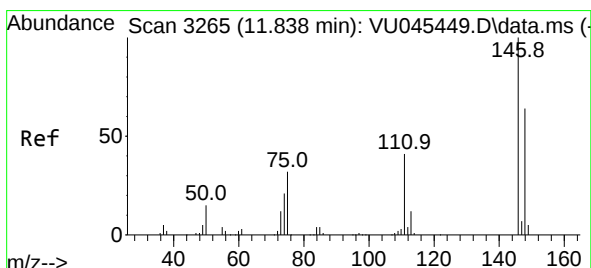
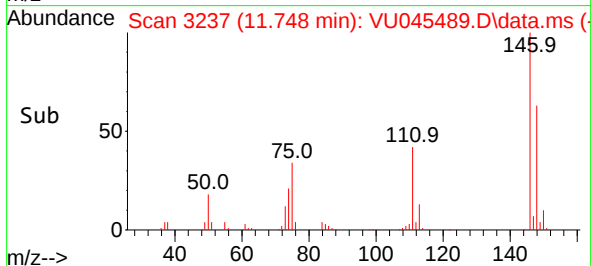
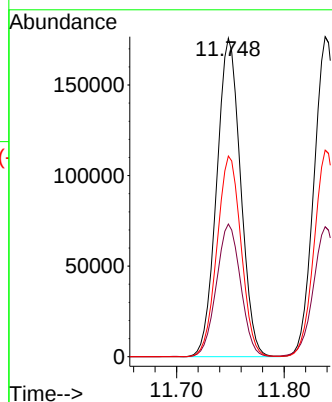
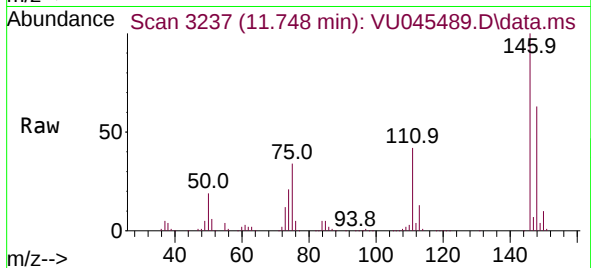
Tgt Ion:146 Resp: 271470

Ion Ratio Lower Upper

146 100

111 42.1 21.3 63.9

148 63.5 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 52.329 ug/l

RT: 11.838 min Scan# 3265

Delta R.T. 0.000 min

Lab File: VU045489.D

Acq: 01 Nov 2021 15:49

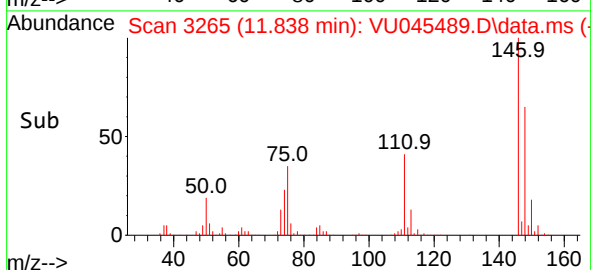
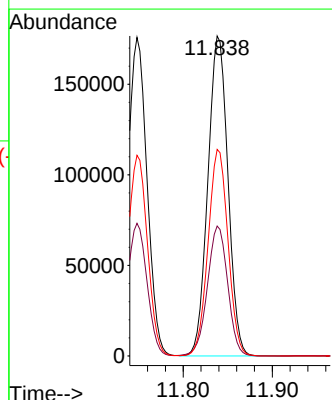
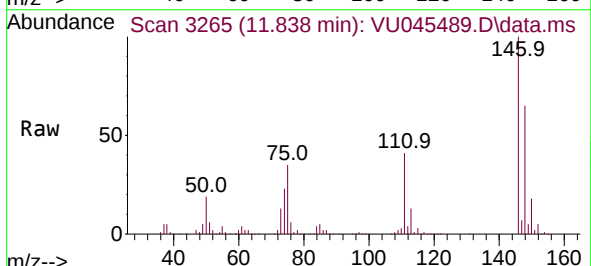
Tgt Ion:146 Resp: 276012

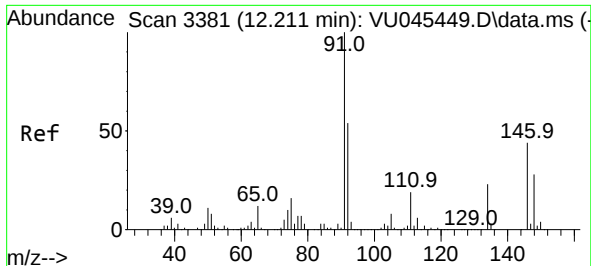
Ion Ratio Lower Upper

146 100

111 41.1 20.6 61.9

148 64.1 31.9 95.7

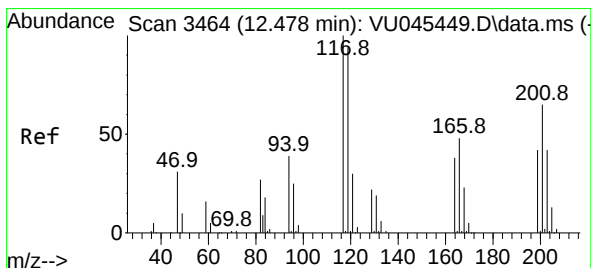
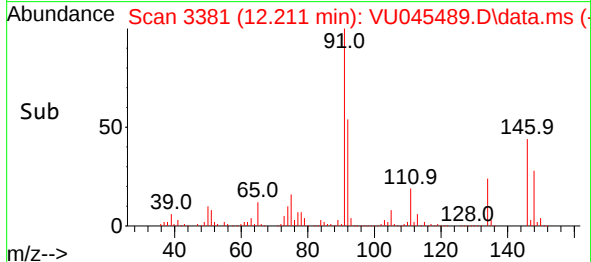
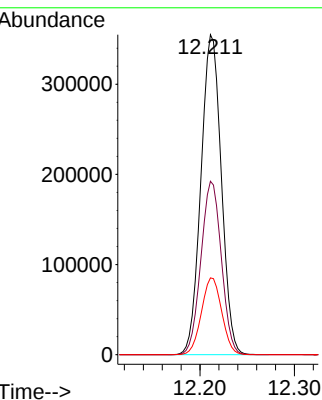
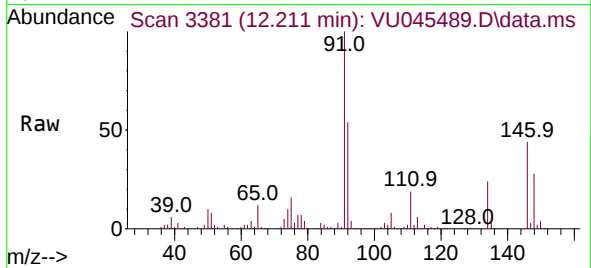




#89
n-Butylbenzene
Concen: 51.335 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU045489.D
Acq: 01 Nov 2021 15:49

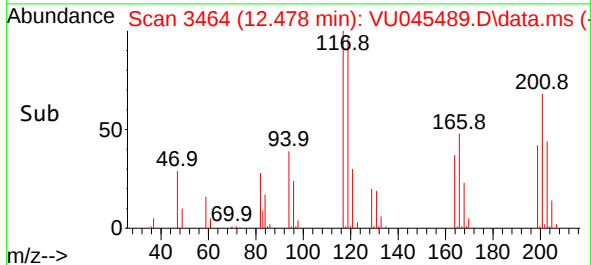
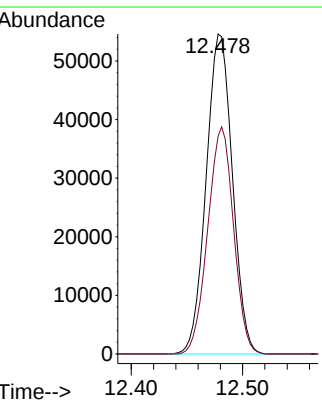
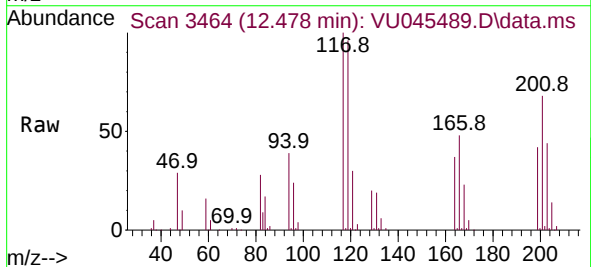
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

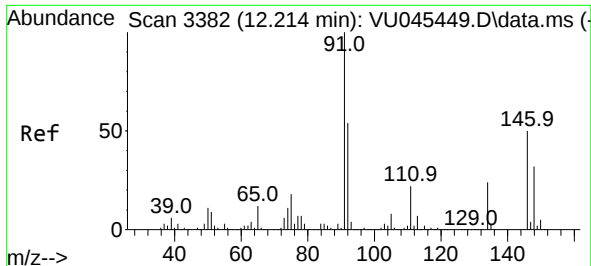
Tgt Ion: 91 Resp: 531585
Ion Ratio Lower Upper
91 100
92 54.2 27.1 81.2
134 23.9 11.8 35.4



#90
Hexachloroethane
Concen: 52.509 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.000 min
Lab File: VU045489.D
Acq: 01 Nov 2021 15:49

Tgt Ion: 117 Resp: 89464
Ion Ratio Lower Upper
117 100
201 69.7 33.8 101.4

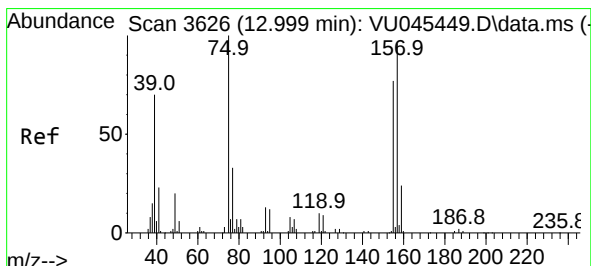
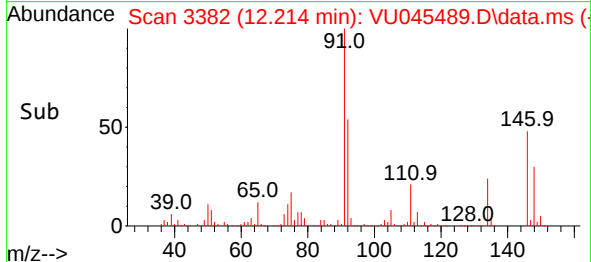
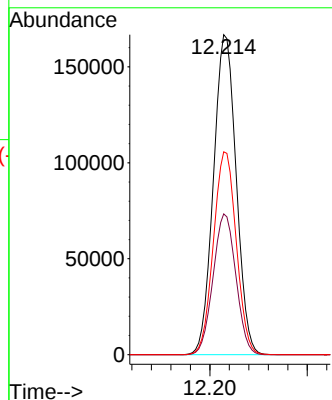
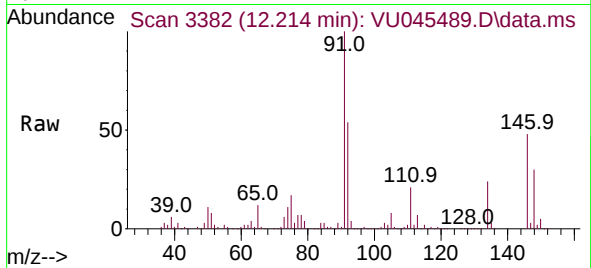




#91
1,2-Dichlorobenzene
Concen: 52.391 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU045489.D
Acq: 01 Nov 2021 15:49

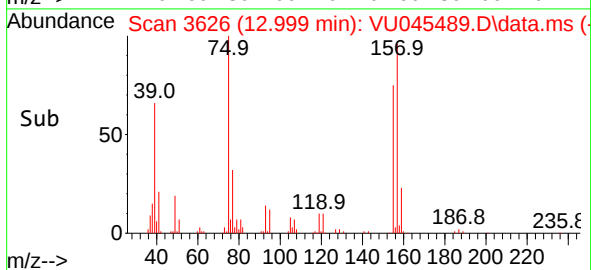
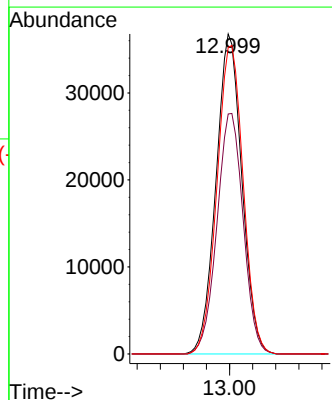
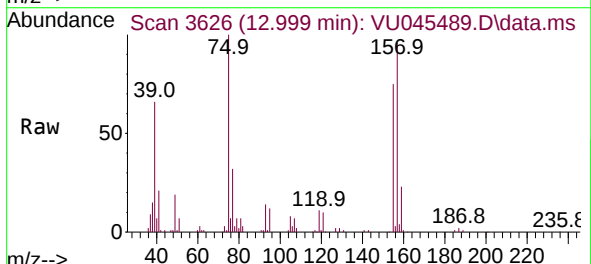
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MSVOA_U
ClientSampleId :
VSTDCCC050

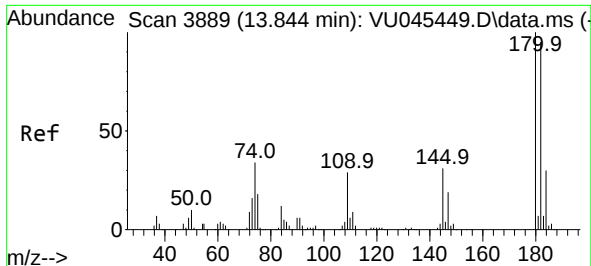
Tgt Ion:146 Resp: 270282
Ion Ratio Lower Upper
146 100
111 44.0 21.9 65.5
148 63.6 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.546 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU045489.D
Acq: 01 Nov 2021 15:49

Tgt Ion: 75 Resp: 57165
Ion Ratio Lower Upper
75 100
155 76.1 37.8 113.3
157 97.9 48.4 145.2





#93

1,2,4-Trichlorobenzene

Concen: 55.135 ug/l

RT: 13.844 min Scan# 3889

Delta R.T. 0.000 min

Lab File: VU045489.D

Acq: 01 Nov 2021 15:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

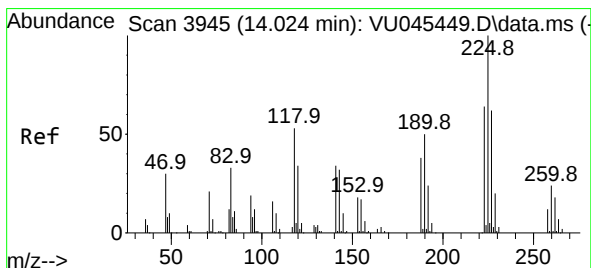
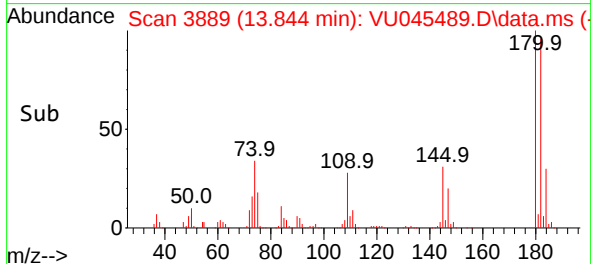
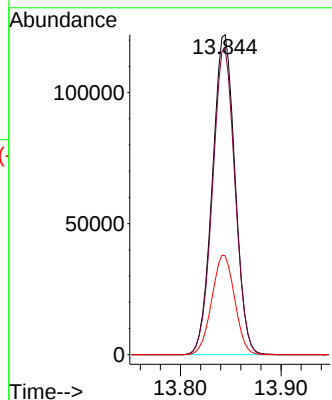
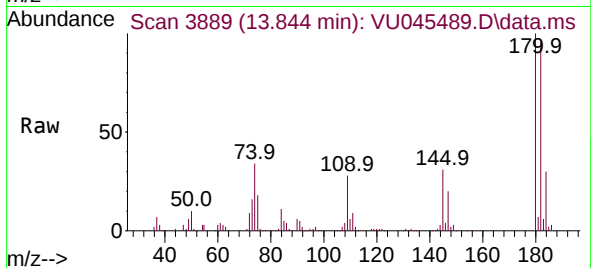
Tgt Ion:180 Resp: 190481

Ion Ratio Lower Upper

180 100

182 95.2 47.0 141.2

145 31.5 15.6 46.7



#94

Hexachlorobutadiene

Concen: 54.516 ug/l

RT: 14.024 min Scan# 3945

Delta R.T. 0.000 min

Lab File: VU045489.D

Acq: 01 Nov 2021 15:49

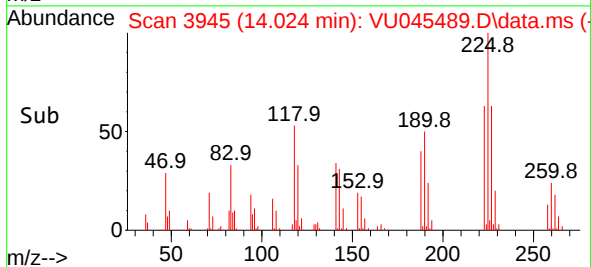
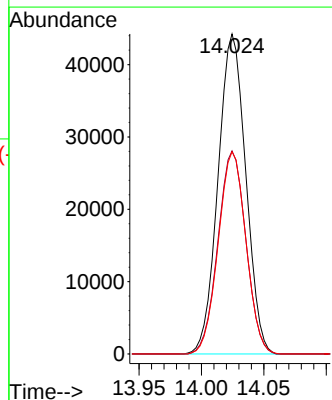
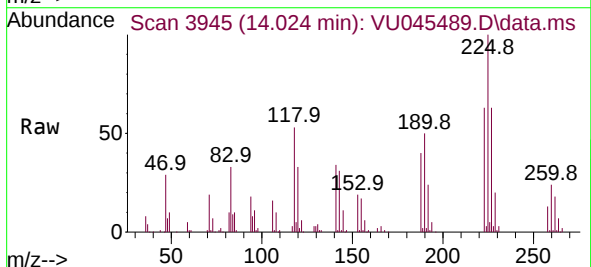
Tgt Ion:225 Resp: 68576

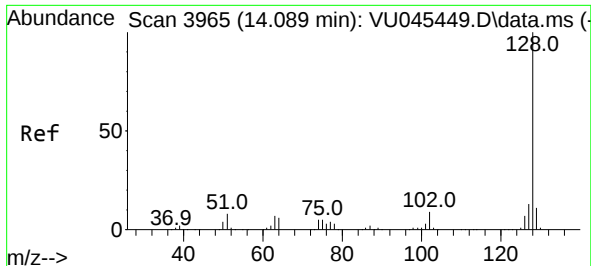
Ion Ratio Lower Upper

225 100

223 63.9 32.0 96.2

227 63.0 31.1 93.5

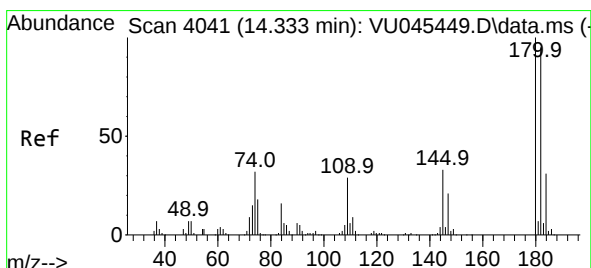
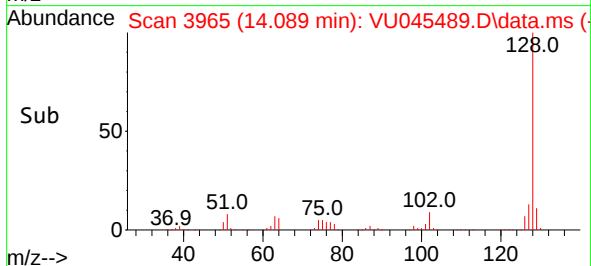
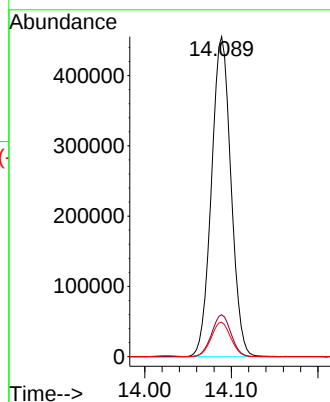
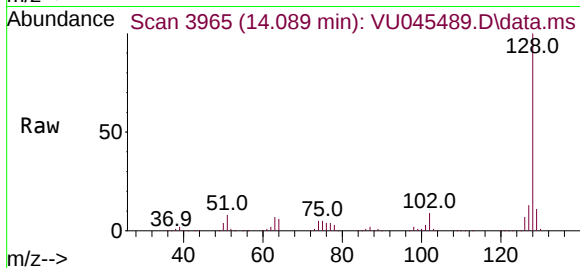




#95
Naphthalene
Concen: 52.191 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045489.D
Acq: 01 Nov 2021 15:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:128	Resp: 712931
Ion Ratio	Lower Upper
128 100	
127 13.1	10.6 15.8
129 10.8	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 55.083 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU045489.D
Acq: 01 Nov 2021 15:49

Tgt Ion:180	Resp: 191820
Ion Ratio	Lower Upper
180 100	
182 96.0	47.7 143.1
145 33.2	16.7 50.0

