

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111221\
 Data File : VU045760.D
 Acq On : 12 Nov 2021 11:43
 Operator : SY/MD
 Sample : VU1112WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1112WBSD01

Quant Time: Nov 15 06:57:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.376	168	106190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	186323	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	182053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	93588	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.704	65	81441	51.211	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.420%
35) Dibromofluoromethane	5.292	113	62332	50.107	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.220%
50) Toluene-d8	7.900	98	228453	49.387	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.780%
62) 4-Bromofluorobenzene	10.636	95	88386	47.650	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.300%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	24527	17.814	ug/l	96
3) Chloromethane	1.520	50	27212	17.274	ug/l	100
4) Vinyl Chloride	1.604	62	28888	18.825	ug/l	98
5) Bromomethane	1.852	94	18598	21.729	ug/l	93
6) Chloroethane	1.932	64	17796	17.770	ug/l	99
7) Trichlorofluoromethane	2.138	101	40391	19.905	ug/l	97
8) Diethyl Ether	2.376	74	15890	19.782	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.582	101	23426	19.770	ug/l	97
10) Methyl Iodide	2.723	142	23524	15.171	ug/l #	90
11) Tert butyl alcohol	3.176	59	34435	109.396	ug/l	100
12) 1,1-Dichloroethene	2.582	96	21942	18.782	ug/l	94
13) Acrolein	2.485	56	4726	103.606	ug/l	95
14) Allyl chloride	2.926	41	39377	18.876	ug/l	97
15) Acrylonitrile	3.315	53	89776	106.823	ug/l	98
16) Acetone	2.623	43	85037	105.042	ug/l	99
17) Carbon Disulfide	2.794	76	53924	16.479	ug/l	100
18) Methyl Acetate	2.948	43	58362	21.166	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	86138	20.483	ug/l	98
20) Methylene Chloride	3.048	84	28996	20.613	ug/l	98
21) trans-1,2-Dichloroethene	3.356	96	23633	19.444	ug/l	94
22) Diisopropyl ether	3.996	45	85240	20.811	ug/l	96
23) Vinyl Acetate	3.958	43	323962	102.836	ug/l	100
24) 1,1-Dichloroethane	3.871	63	50811	20.817	ug/l	98
25) 2-Butanone	4.700	43	120926	107.699	ug/l	100
26) 2,2-Dichloropropane	4.668	77	39730	19.643	ug/l	99
27) cis-1,2-Dichloroethene	4.668	96	28776	20.158	ug/l	99
28) Bromochloromethane	4.977	49	24551	21.098	ug/l	95
29) Tetrahydrofuran	5.051	42	72518	105.587	ug/l	100
30) Chloroform	5.093	83	50364	20.864	ug/l	95
31) Cyclohexane	5.392	56	42864	18.472	ug/l	98
32) 1,1,1-Trichloroethane	5.321	97	42251	20.525	ug/l	98
36) 1,1-Dichloropropene	5.530	75	35256	19.406	ug/l	99
37) Ethyl Acetate	4.807	43	44119	21.140	ug/l	100
38) Carbon Tetrachloride	5.530	117	35389	19.321	ug/l	99
39) Methylcyclohexane	6.768	83	39920	17.911	ug/l	97
40) Benzene	5.778	78	105328	19.582	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.974	41	23493	21.301	ug/l	97
42) 1,2-Dichloroethane	5.797	62	41261	21.237	ug/l	100
43) Isopropyl Acetate	5.913	43	64863	20.320	ug/l	100
44) Trichloroethene	6.546	130	26307	20.432	ug/l	96
45) 1,2-Dichloropropane	6.794	63	29071	20.426	ug/l	98
46) Dibromomethane	6.922	93	20825	21.117	ug/l	99
47) Bromodichloromethane	7.109	83	40362	21.571	ug/l	99
48) Methyl methacrylate	6.964	41	29778	20.268	ug/l	97
49) 1,4-Dioxane	6.964	88	16632	440.191	ug/l #	95
51) 4-Methyl-2-Pentanone	7.794	43	222653	105.738	ug/l	99
52) Toluene	7.970	92	67120	20.382	ug/l	99
53) t-1,3-Dichloropropene	8.212	75	41499	19.298	ug/l	98
54) cis-1,3-Dichloropropene	7.610	75	46328	20.283	ug/l	95
55) 1,1,2-Trichloroethane	8.404	97	29883	21.895	ug/l	96
56) Ethyl methacrylate	8.334	69	41903	18.711	ug/l	99
57) 1,3-Dichloropropane	8.578	76	51810	21.077	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.466	63	100014	79.598	ug/l	100
59) 2-Hexanone	8.684	43	168851	96.913	ug/l	98
60) Dibromochloromethane	8.813	129	29595	20.825	ug/l	96
61) 1,2-Dibromoethane	8.925	107	29908	20.432	ug/l	99
64) Tetrachloroethene	8.556	164	23481	22.472	ug/l	97
65) Chlorobenzene	9.449	112	70456	19.703	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.536	131	26304	20.624	ug/l	98
67) Ethyl Benzene	9.572	91	123939	19.354	ug/l	100
68) m/p-Xylenes	9.697	106	95477	39.533	ug/l	99
69) o-Xylene	10.102	106	46736	19.904	ug/l	98
70) Styrene	10.118	104	79729	20.071	ug/l	98
71) Bromoform	10.295	173	21655	19.918	ug/l #	98
73) Isopropylbenzene	10.488	105	125315	20.493	ug/l	99
74) N-amyl acetate	10.321	43	50028	18.135	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.784	83	50485	20.838	ug/l	100
76) 1,2,3-Trichloropropane	10.826	75	53931	19.002	ug/l	96
77) Bromobenzene	10.787	156	30249	20.374	ug/l	97
78) n-propylbenzene	10.909	91	150173	19.732	ug/l	98
79) 2-Chlorotoluene	10.990	91	91465	20.342	ug/l	98
80) 1,3,5-Trimethylbenzene	11.092	105	106919	20.012	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	13153	17.266	ug/l	96
82) 4-Chlorotoluene	11.099	91	105542	20.015	ug/l	99
83) tert-Butylbenzene	11.424	119	99905	19.616	ug/l	99
84) 1,2,4-Trimethylbenzene	11.469	105	106102	19.982	ug/l	100
85) sec-Butylbenzene	11.645	105	133180	19.717	ug/l	99
86) p-Isopropyltoluene	11.797	119	111301	19.719	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	58157	19.414	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	59933	19.782	ug/l	99
89) n-Butylbenzene	12.211	91	99236	18.252	ug/l	99
90) Hexachloroethane	12.478	117	18077	17.753	ug/l	97
91) 1,2-Dichlorobenzene	12.215	146	60172	20.646	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.999	75	10825	18.936	ug/l	96
93) 1,2,4-Trichlorobenzene	13.842	180	36240	17.984	ug/l	97
94) Hexachlorobutadiene	14.025	225	15547	17.873	ug/l	98
95) Naphthalene	14.089	128	133493	18.287	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	38598	19.284	ug/l	98

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ClientSampleId :
VU1112WBSD01

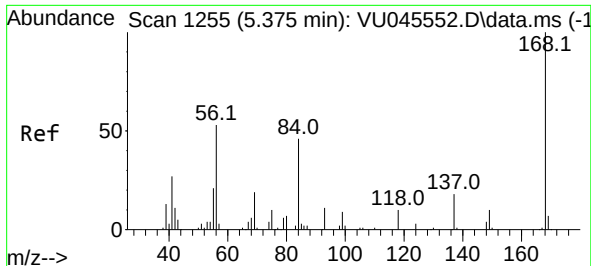
Quant Time: Nov 15 06:57:50 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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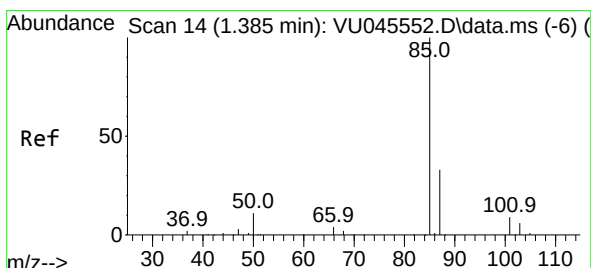
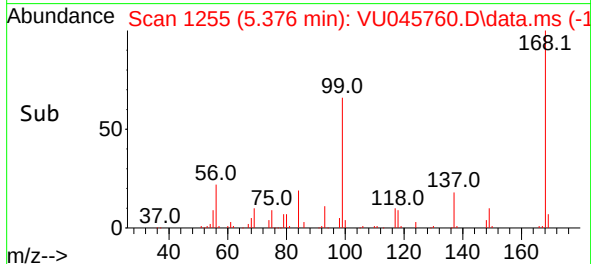
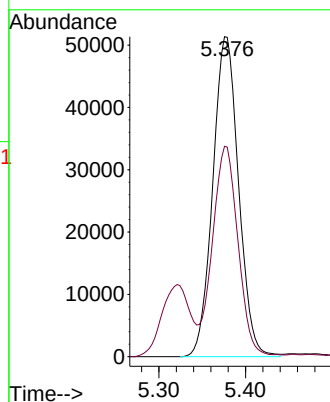
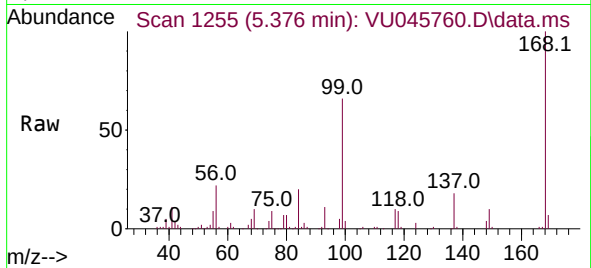




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.376 min Scan# 11
Delta R.T. 0.001 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

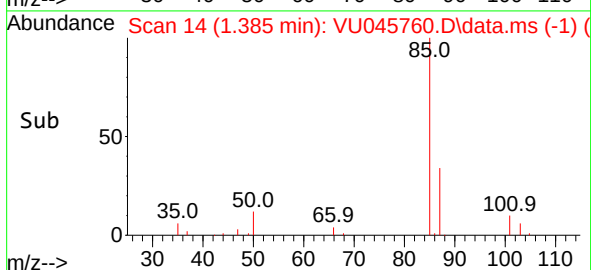
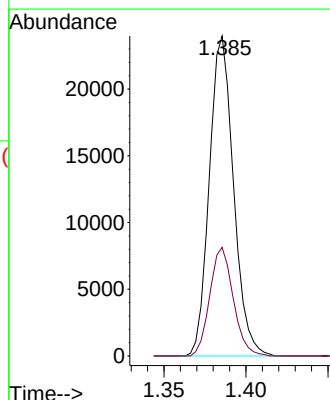
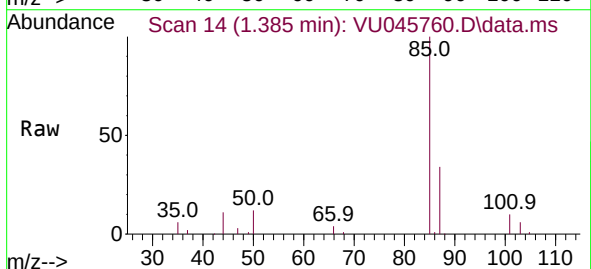
Instrument :
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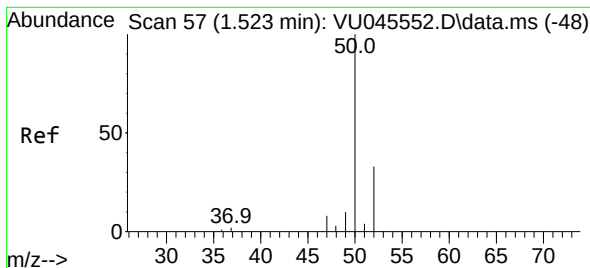
Tgt Ion:168 Resp: 106190
Ion Ratio Lower Upper
168 100
99 65.2 51.0 76.6



#2
Dichlorodifluoromethane
Concen: 17.814 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

Tgt Ion: 85 Resp: 24527
Ion Ratio Lower Upper
85 100
87 34.0 15.9 47.7





#3

Chloromethane

Concen: 17.274 ug/l

RT: 1.520 min Scan# 50

Delta R.T. -0.003 min

Lab File: VU045760.D

Acq: 12 Nov 2021 11:43

Instrument :

MSVOA_U

ClientSampleId :

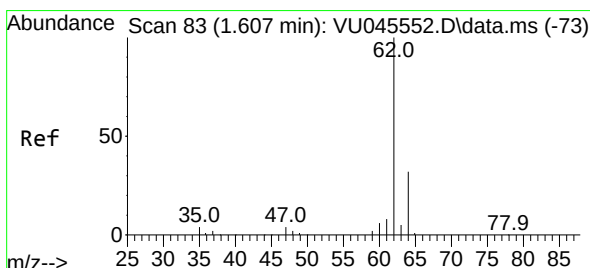
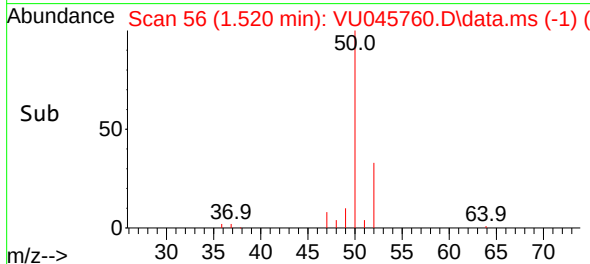
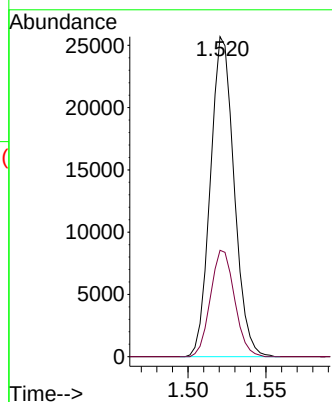
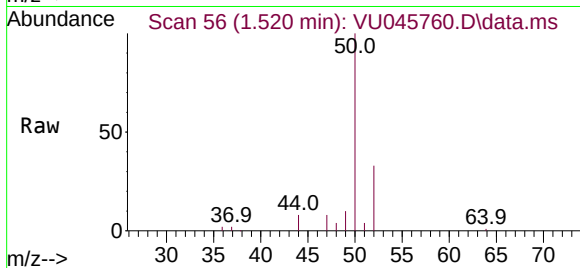
VU1112WBSD01

Tgt Ion: 50 Resp: 27212

Ion Ratio Lower Upper

50 100

52 33.2 26.6 40.0



#4

Vinyl Chloride

Concen: 18.825 ug/l

RT: 1.604 min Scan# 82

Delta R.T. -0.003 min

Lab File: VU045760.D

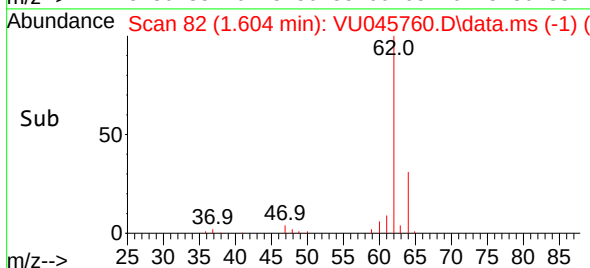
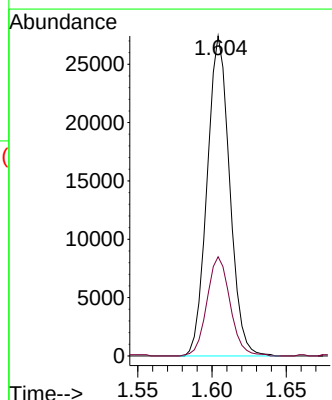
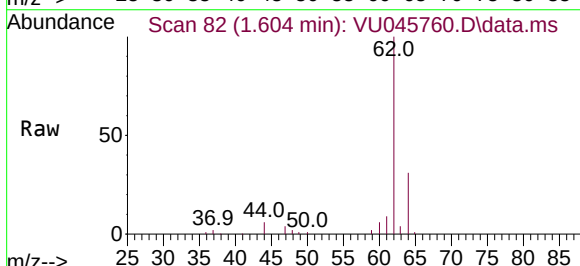
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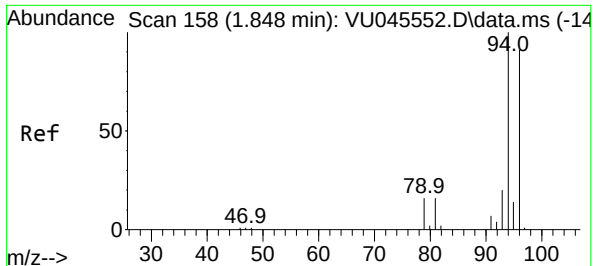
Tgt Ion: 62 Resp: 28888

Ion Ratio Lower Upper

62 100

64 31.0 25.8 38.6

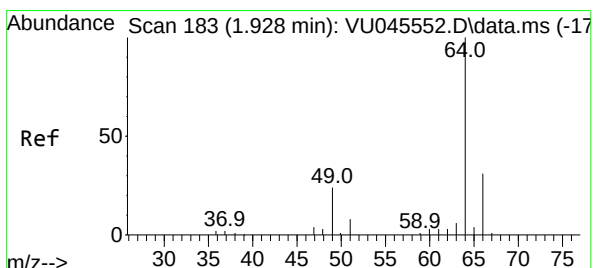
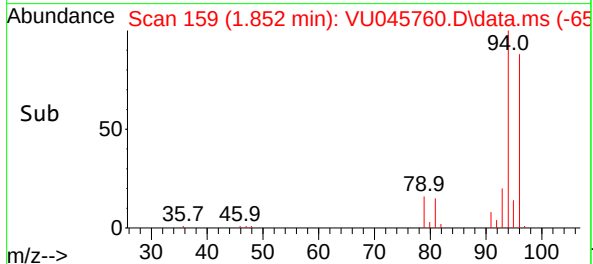
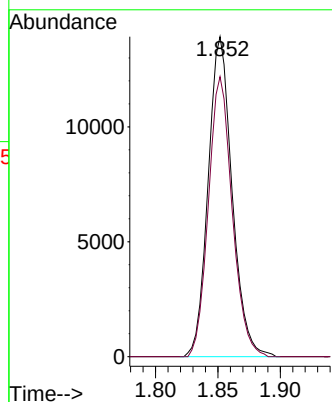
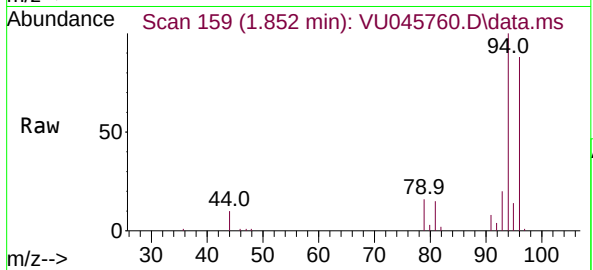




#5
Bromomethane
Concen: 21.729 ug/l
RT: 1.852 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

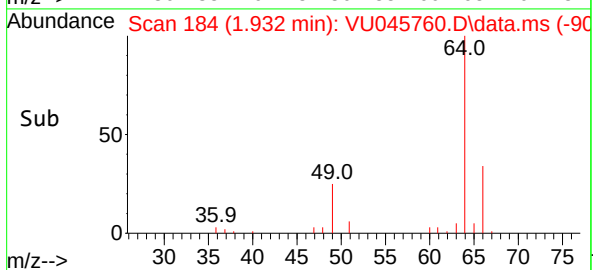
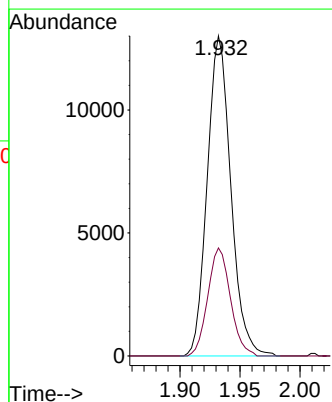
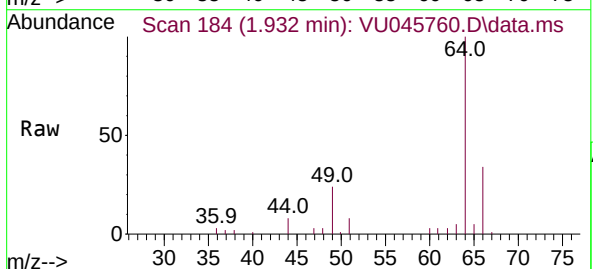
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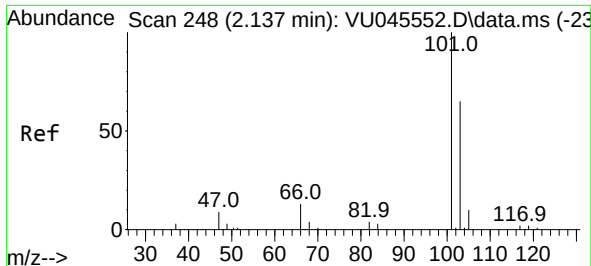
Tgt Ion: 94 Resp: 18598
Ion Ratio Lower Upper
94 100
96 87.5 75.4 113.2



#6
Chloroethane
Concen: 17.770 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.004 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

Tgt Ion: 64 Resp: 17796
Ion Ratio Lower Upper
64 100
66 33.7 26.7 40.1

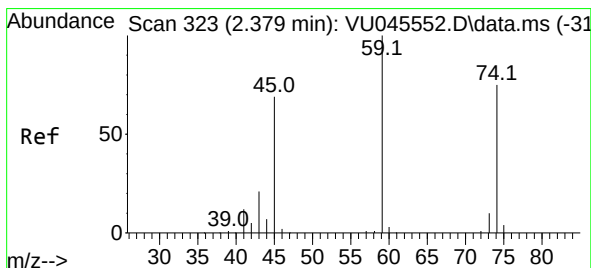
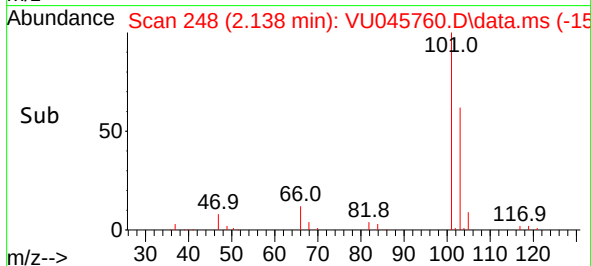
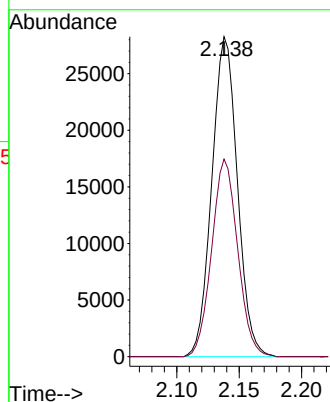
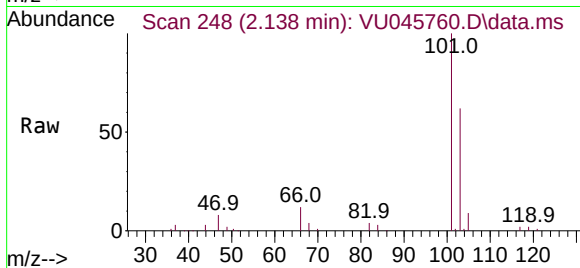




#7
 Trichlorofluoromethane
 Concen: 19.905 ug/l
 RT: 2.138 min Scan# 248
 Delta R.T. 0.000 min
 Lab File: VU045760.D
 Acq: 12 Nov 2021 11:43

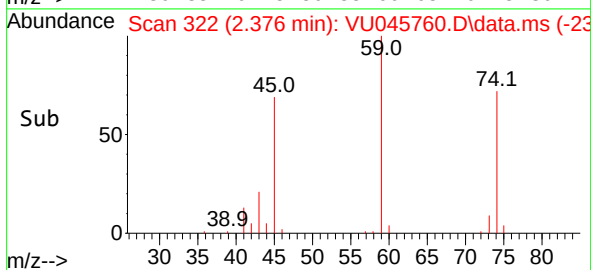
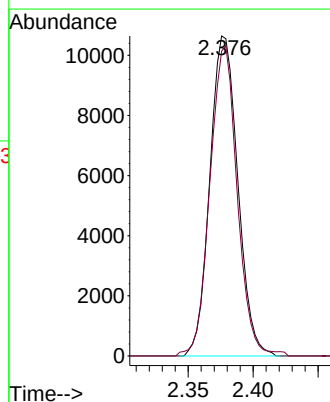
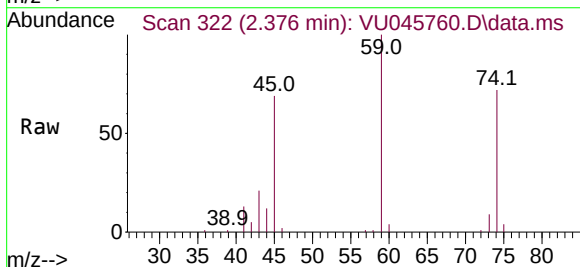
Instrument :
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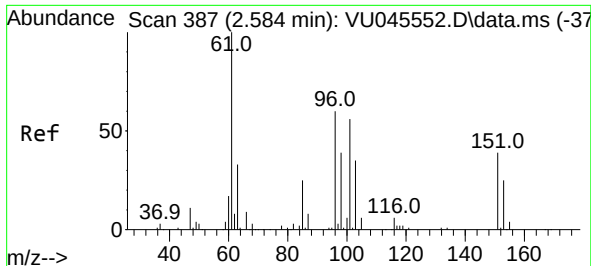
Tgt Ion:101 Resp: 40391
 Ion Ratio Lower Upper
 101 100
 103 61.7 51.4 77.0



#8
 Diethyl Ether
 Concen: 19.782 ug/l
 RT: 2.376 min Scan# 322
 Delta R.T. -0.003 min
 Lab File: VU045760.D
 Acq: 12 Nov 2021 11:43

Tgt Ion: 74 Resp: 15890
 Ion Ratio Lower Upper
 74 100
 45 94.8 47.3 141.8

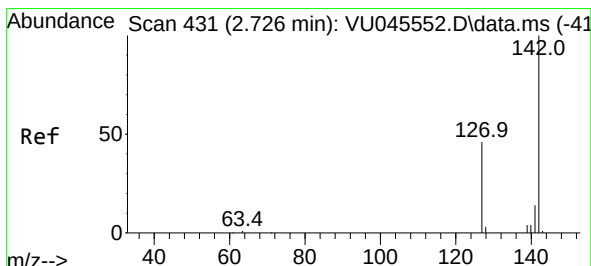
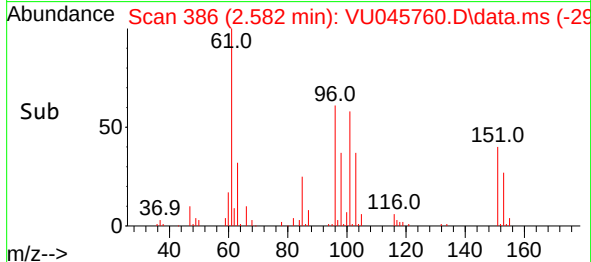
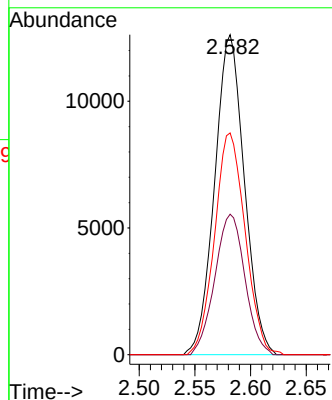
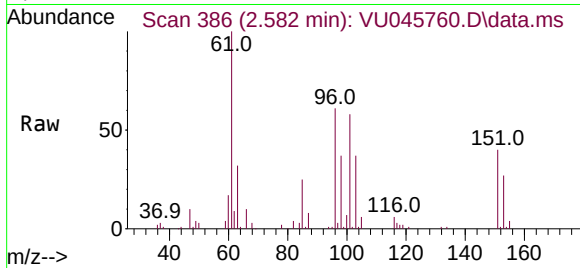




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.770 ug/l
RT: 2.582 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU045760.D
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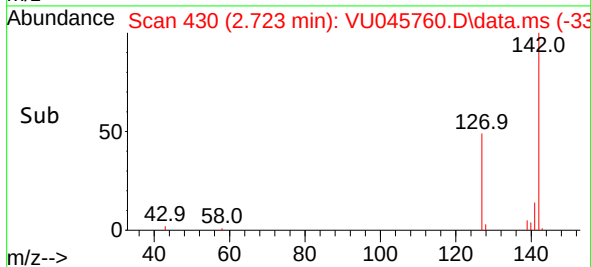
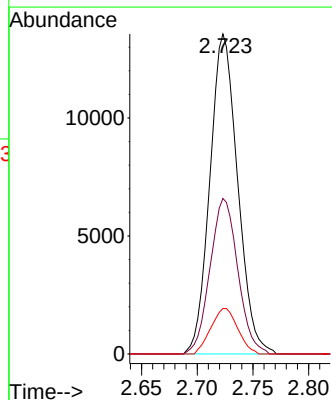
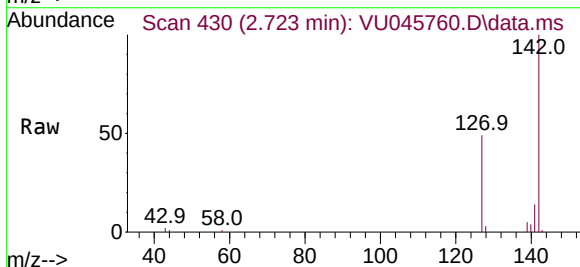
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

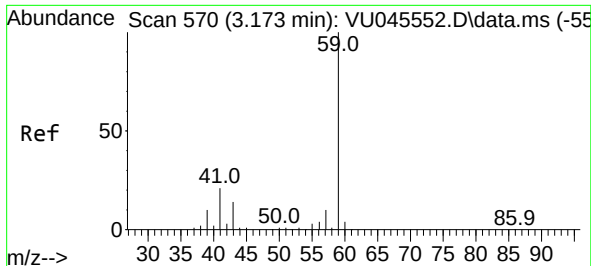
Tgt Ion:	101	Resp:	23426
Ion	Ratio	Lower	Upper
101	100		
85	44.4	35.0	52.4
151	71.2	54.6	82.0



#10
Methyl Iodide
Concen: 15.171 ug/l
RT: 2.723 min Scan# 430
Delta R.T. -0.003 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

Tgt Ion:	142	Resp:	23524
Ion	Ratio	Lower	Upper
142	100		
127	48.6	32.2	48.2#
141	13.7	11.3	16.9

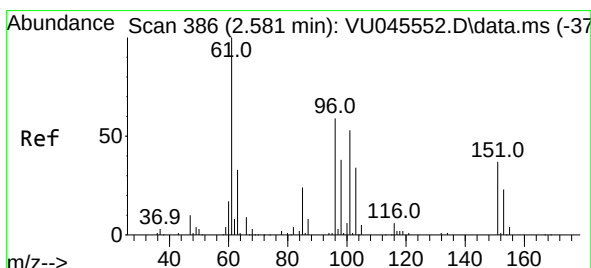
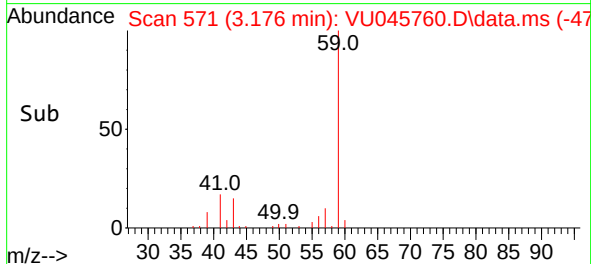
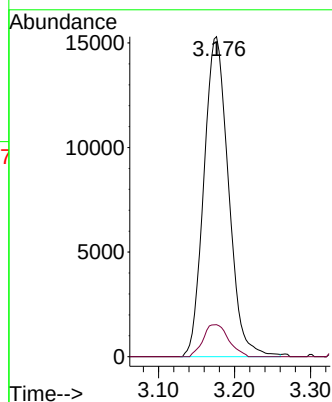
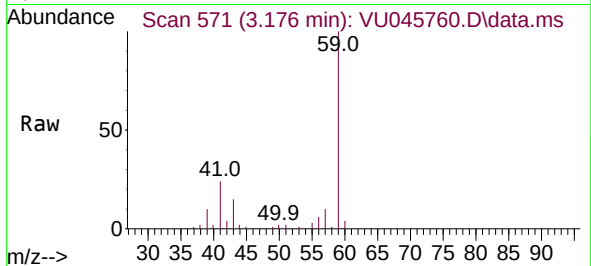




#11
Tert butyl alcohol
Concen: 109.396 ug/l
RT: 3.176 min Scan# 51
Delta R.T. 0.004 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

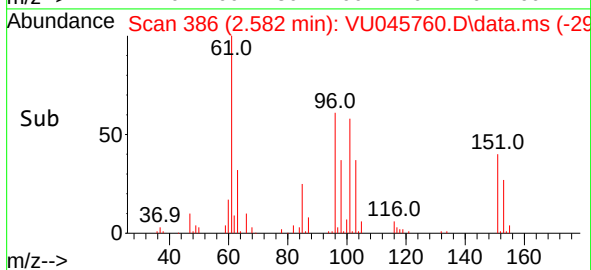
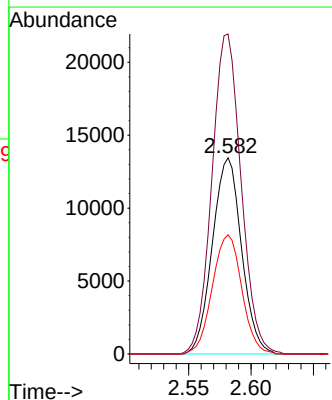
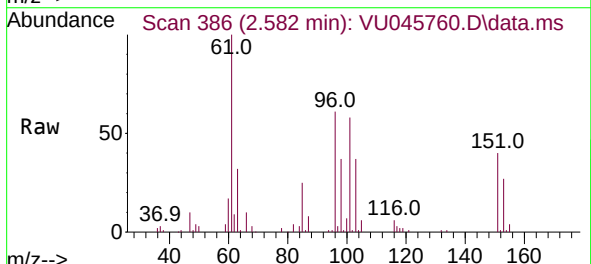
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

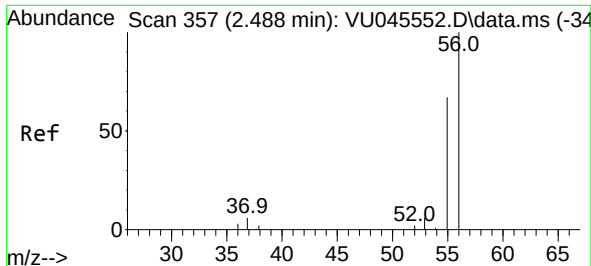
Tgt Ion: 59 Resp: 34435
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5



#12
1,1-Dichloroethene
Concen: 18.782 ug/l
RT: 2.582 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

Tgt Ion: 96 Resp: 21942
Ion Ratio Lower Upper
96 100
61 163.2 137.1 205.7
98 60.8 51.5 77.3

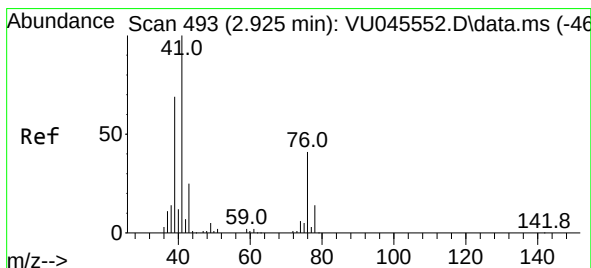
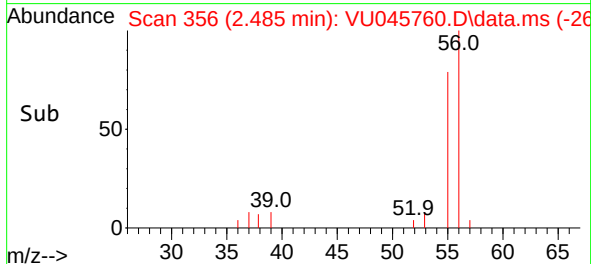
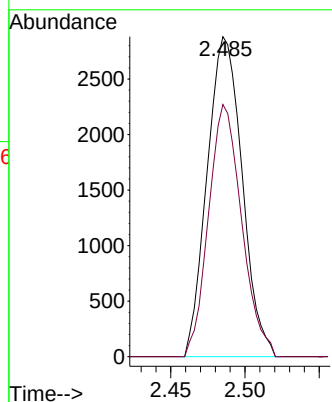
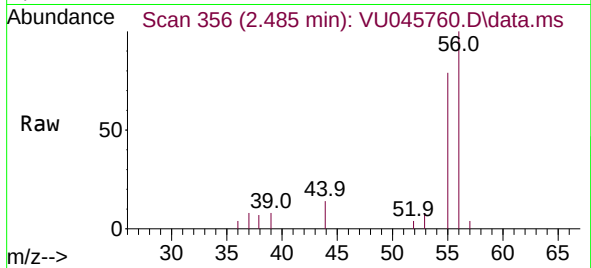




#13
Acrolein
Concen: 103.606 ug/l
RT: 2.485 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

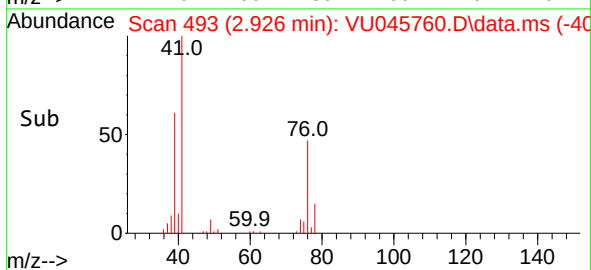
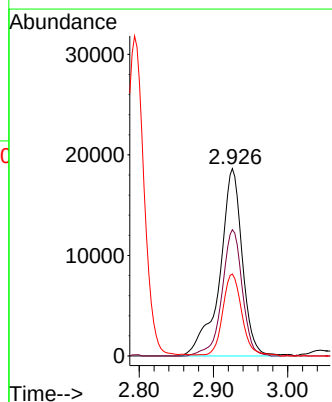
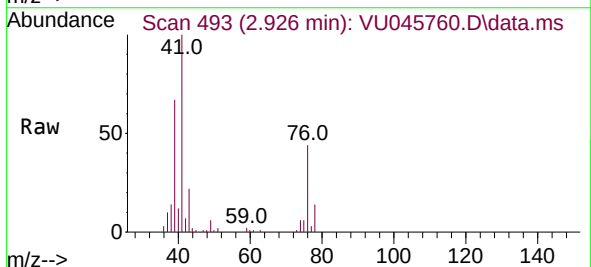
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

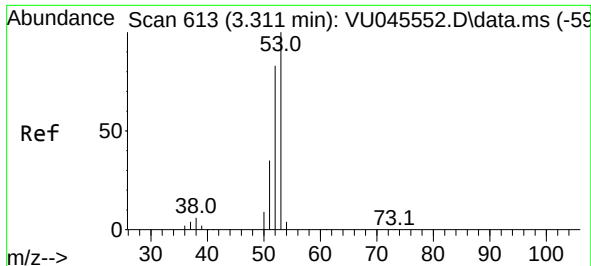
Tgt Ion: 56 Resp: 4726
Ion Ratio Lower Upper
56 100
55 74.6 56.3 84.5



#14
Allyl chloride
Concen: 18.876 ug/l
RT: 2.926 min Scan# 493
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

Tgt Ion: 41 Resp: 39377
Ion Ratio Lower Upper
41 100
39 60.5 49.7 74.5
76 37.4 27.7 41.5

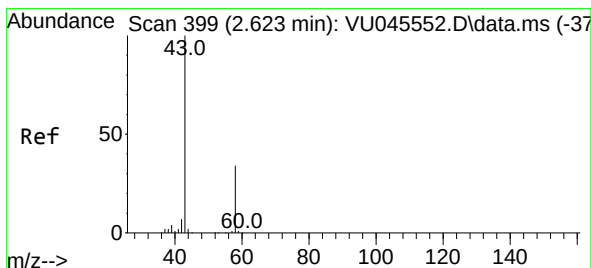
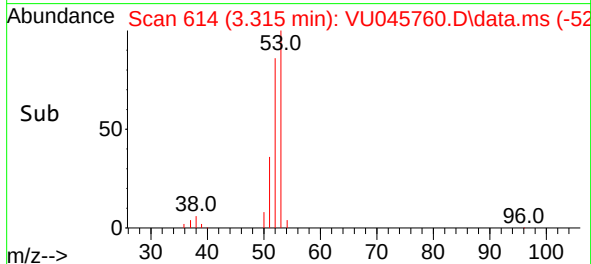
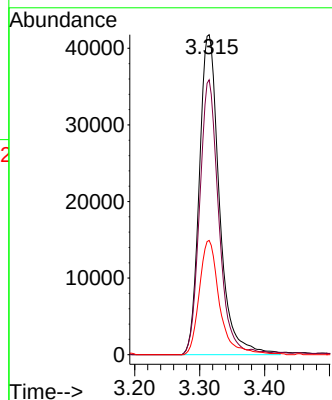
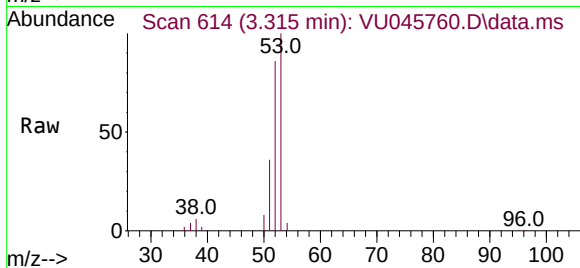




#15
Acrylonitrile
Concen: 106.823 ug/l
RT: 3.315 min Scan# 613
Delta R.T. 0.004 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

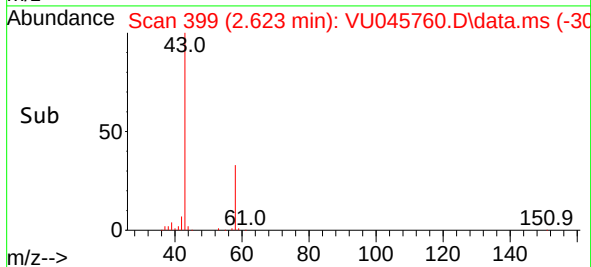
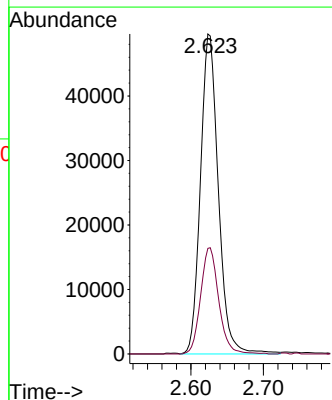
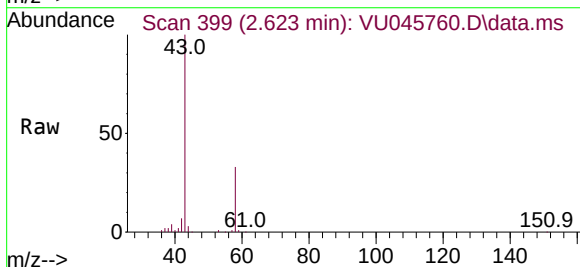
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

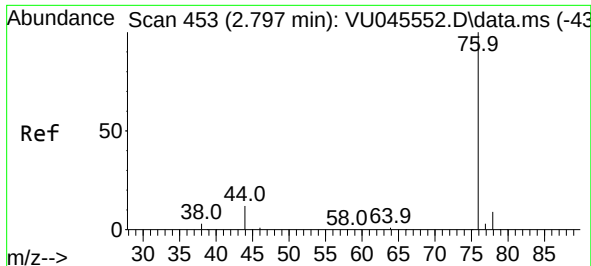
Tgt Ion: 53 Resp: 89776
Ion Ratio Lower Upper
53 100
52 81.0 66.6 100.0
51 36.0 28.4 42.6



#16
Acetone
Concen: 105.042 ug/l
RT: 2.623 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

Tgt Ion: 43 Resp: 85037
Ion Ratio Lower Upper
43 100
58 33.0 26.2 39.2

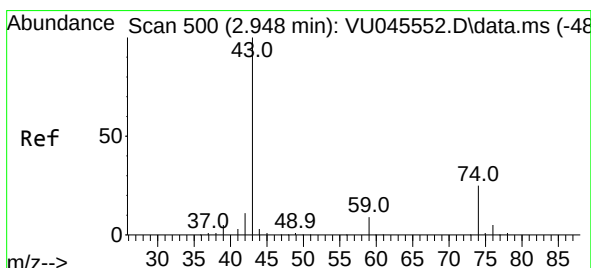
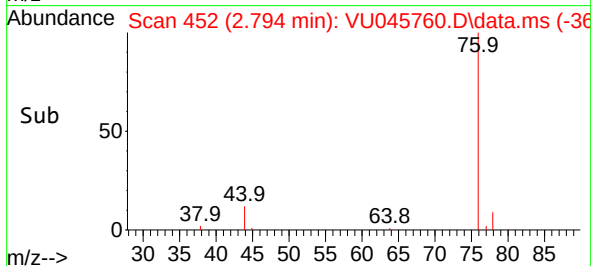
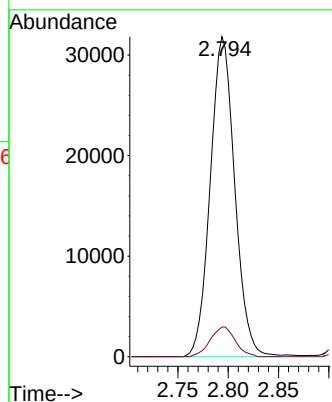
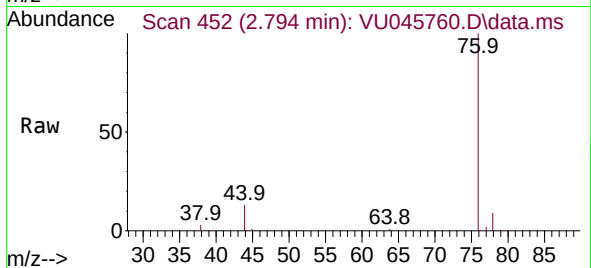




#17
Carbon Disulfide
Concen: 16.479 ug/l
RT: 2.794 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

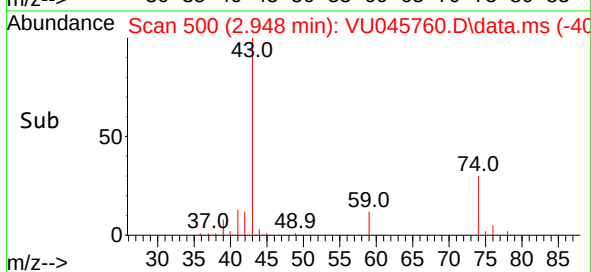
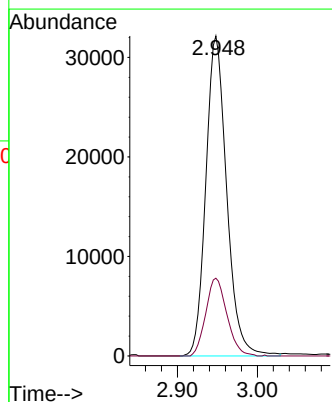
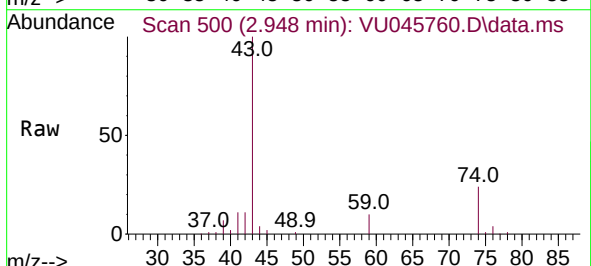
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

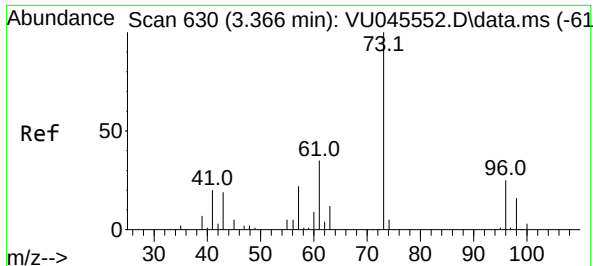
Tgt Ion: 76 Resp: 53924
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 21.166 ug/l
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

Tgt Ion: 43 Resp: 58362
Ion Ratio Lower Upper
43 100
74 24.7 20.2 30.2

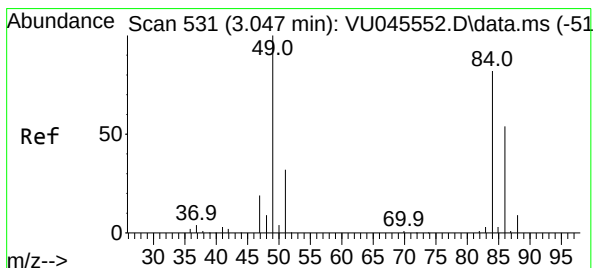
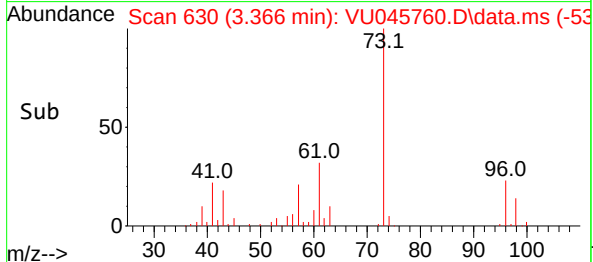
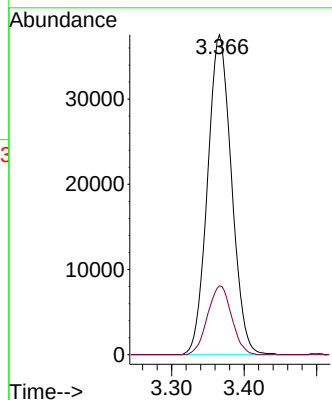
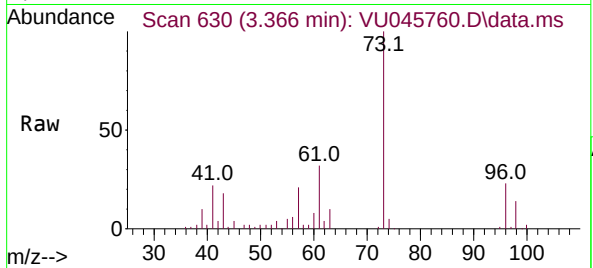




#19
Methyl tert-butyl Ether
Concen: 20.483 ug/l
RT: 3.366 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

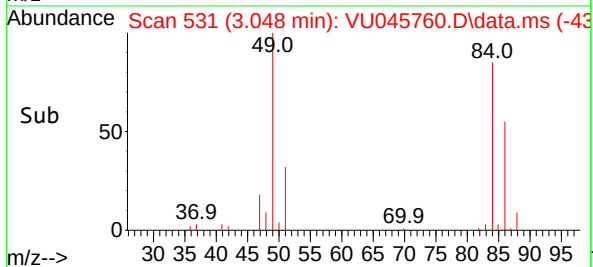
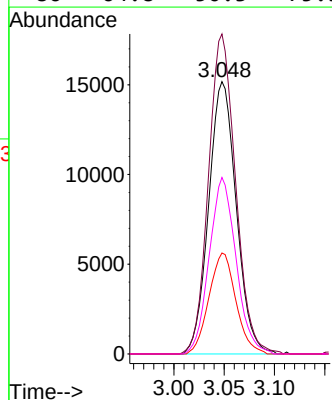
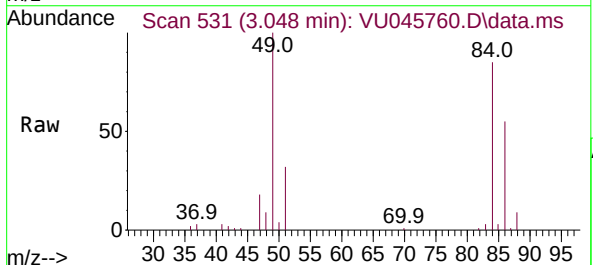
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

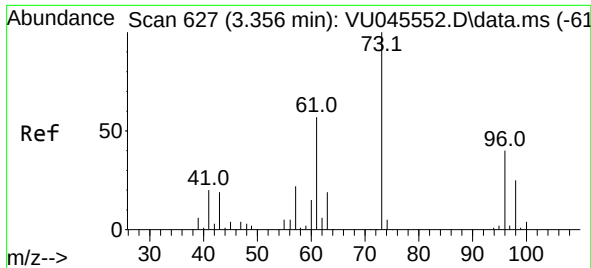
Tgt Ion: 73 Resp: 86138
Ion Ratio Lower Upper
73 100
57 21.5 18.1 27.1



#20
Methylene Chloride
Concen: 20.613 ug/l
RT: 3.048 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

Tgt Ion: 84 Resp: 28996
Ion Ratio Lower Upper
84 100
49 117.5 96.4 144.6
51 37.1 30.5 45.7
86 64.8 50.3 75.5

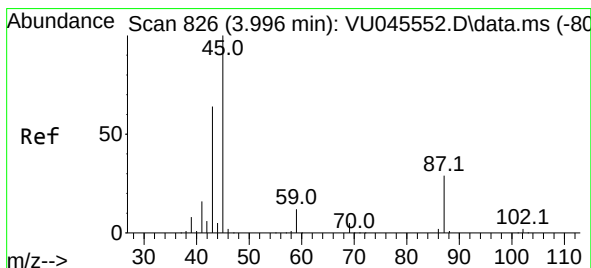
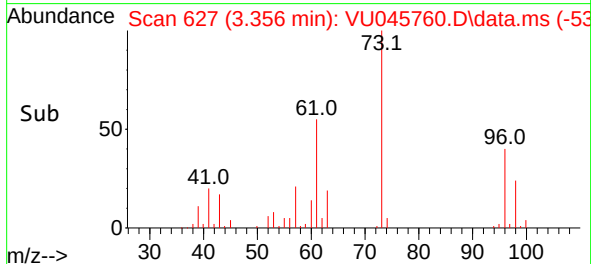
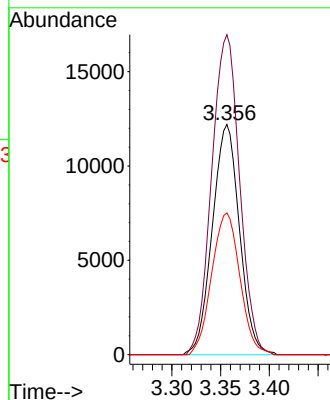
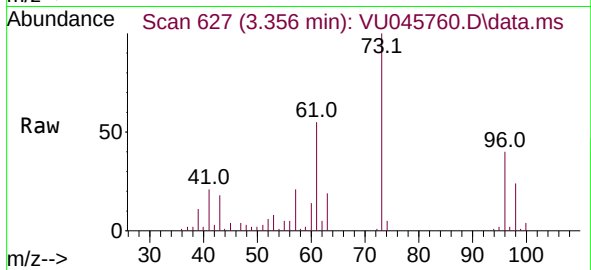




#21
trans-1,2-Dichloroethene
Concen: 19.444 ug/l
RT: 3.356 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

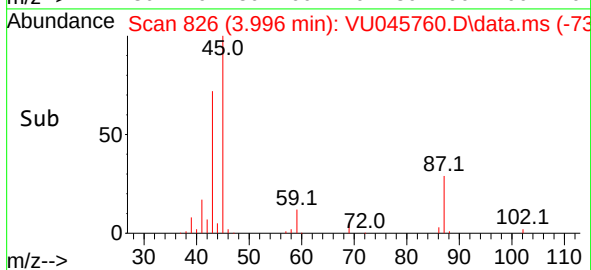
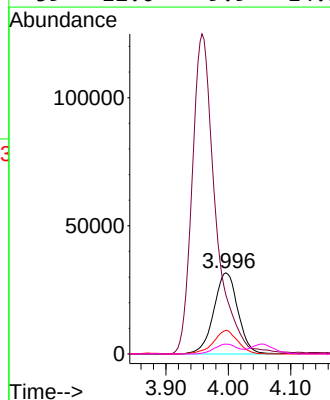
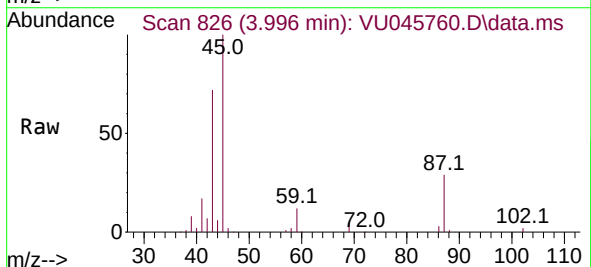
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

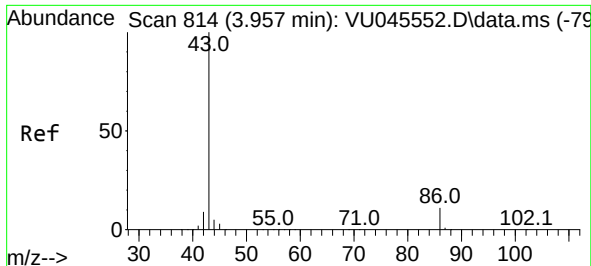
Tgt Ion: 96 Resp: 23633
Ion Ratio Lower Upper
96 100
61 139.0 118.2 177.4
98 61.6 52.1 78.1



#22
Diisopropyl ether
Concen: 20.811 ug/l
RT: 3.996 min Scan# 826
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

Tgt Ion: 45 Resp: 85240
Ion Ratio Lower Upper
45 100
43 70.0 60.0 90.0
87 29.1 22.3 33.5
59 12.0 9.9 14.9

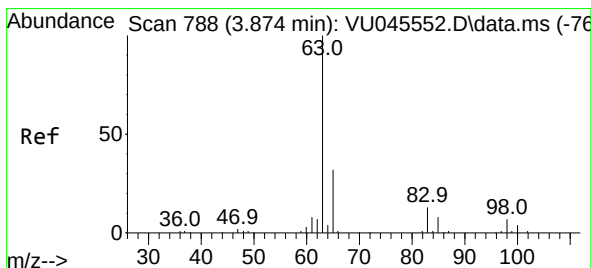
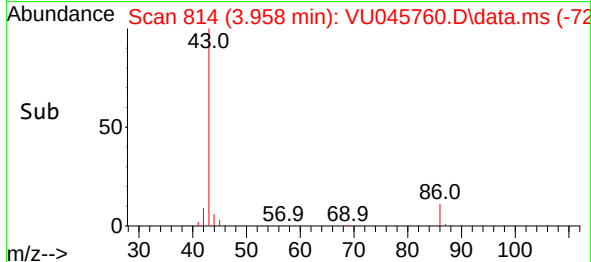
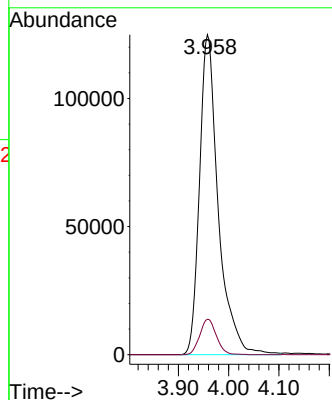
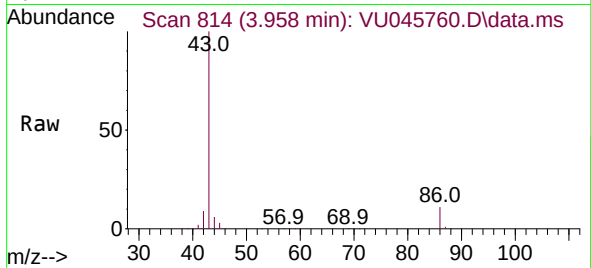




#23
 Vinyl Acetate
 Concen: 102.836 ug/l
 RT: 3.958 min Scan# 814
 Delta R.T. 0.000 min
 Lab File: VU045760.D
 Acq: 12 Nov 2021 11:43

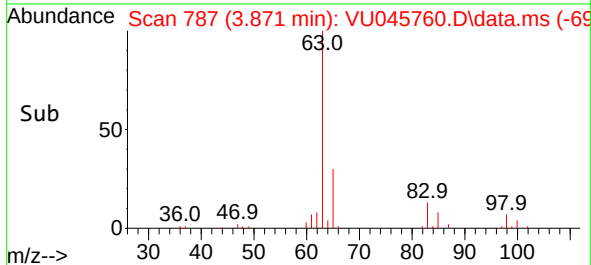
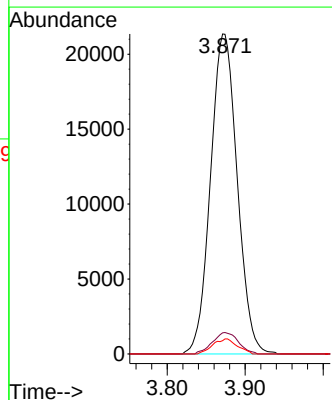
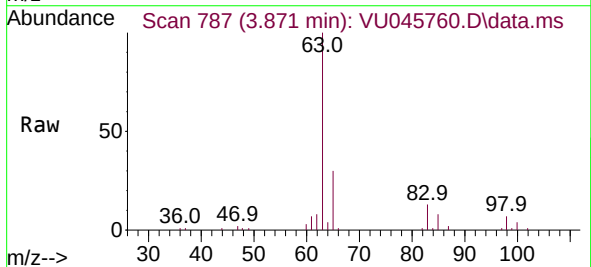
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1112WBSD01

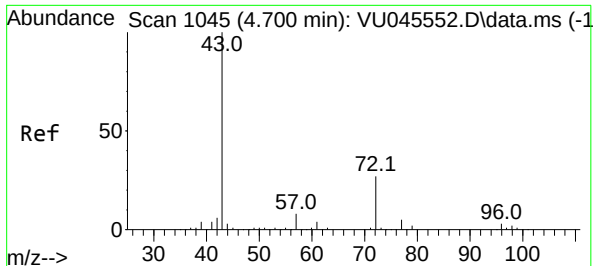
Tgt Ion: 43 Resp: 323962
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 20.817 ug/l
 RT: 3.871 min Scan# 787
 Delta R.T. -0.003 min
 Lab File: VU045760.D
 Acq: 12 Nov 2021 11:43

Tgt Ion: 63 Resp: 50811
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.6
 100 4.2 2.4 7.2





#25

2-Butanone

Concen: 107.699 ug/l

RT: 4.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045760.D

Acq: 12 Nov 2021 11:43

Instrument :

MSVOA_U

ClientSampleId :

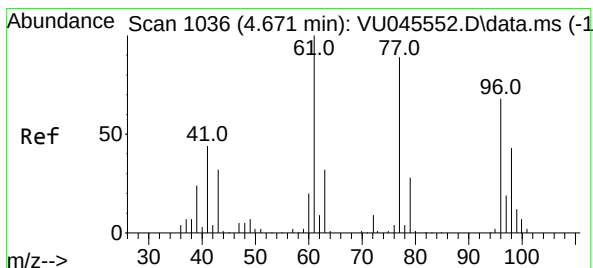
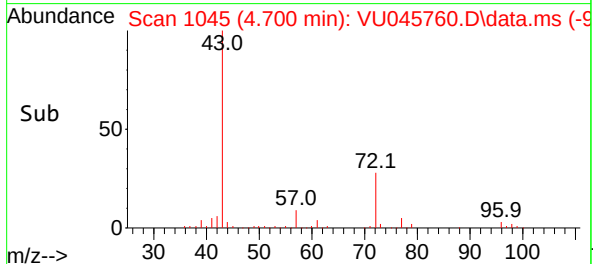
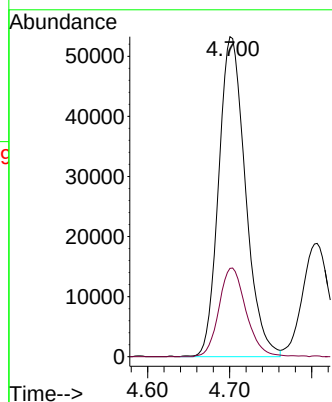
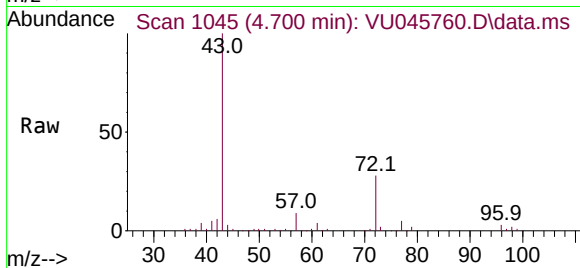
VU1112WBSD01

Tgt Ion: 43 Resp: 120926

Ion Ratio Lower Upper

43 100

72 27.6 22.0 33.0



#26

2,2-Dichloropropane

Concen: 19.643 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU045760.D

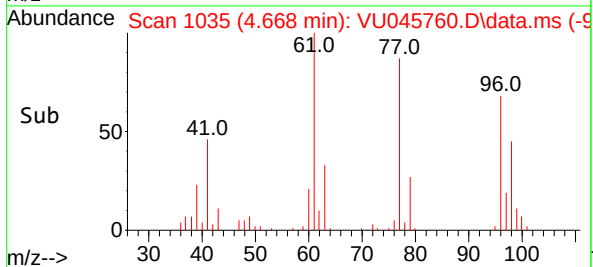
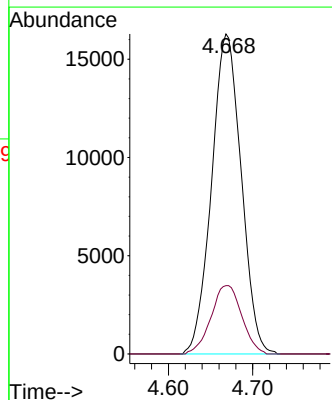
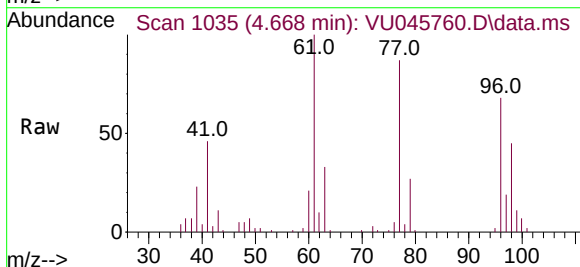
Acq: 12 Nov 2021 11:43

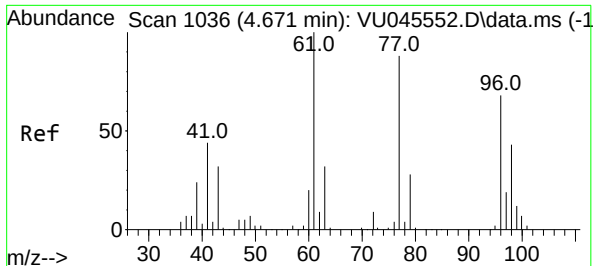
Tgt Ion: 77 Resp: 39730

Ion Ratio Lower Upper

77 100

97 22.2 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 20.158 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU045760.D

Acq: 12 Nov 2021 11:43

Instrument :

MSVOA_U

ClientSampleId :

VU1112WBSD01

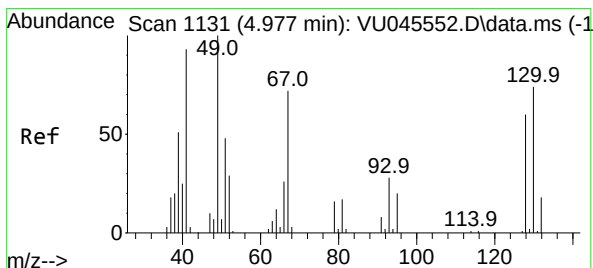
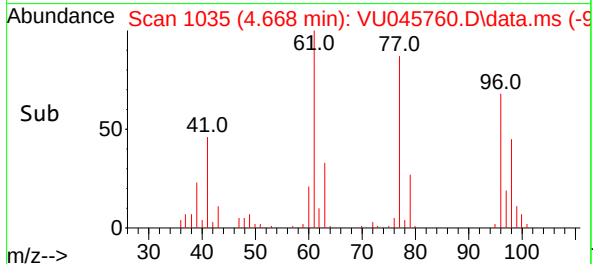
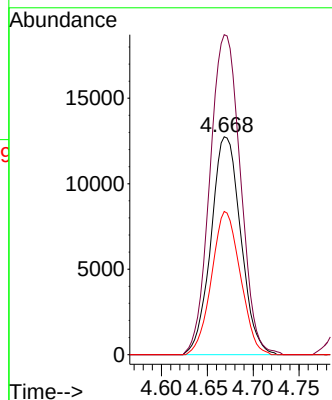
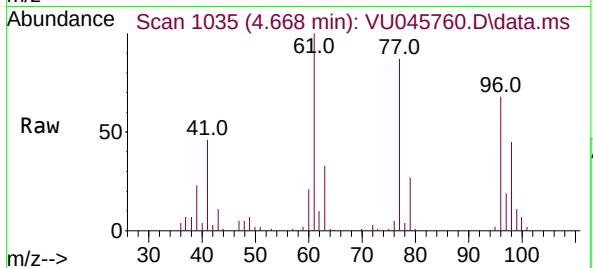
Tgt Ion: 96 Resp: 28776

Ion Ratio Lower Upper

96 100

61 150.5 0.0 299.2

98 63.5 0.0 127.6



#28

Bromochloromethane

Concen: 21.098 ug/l

RT: 4.977 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VU045760.D

Acq: 12 Nov 2021 11:43

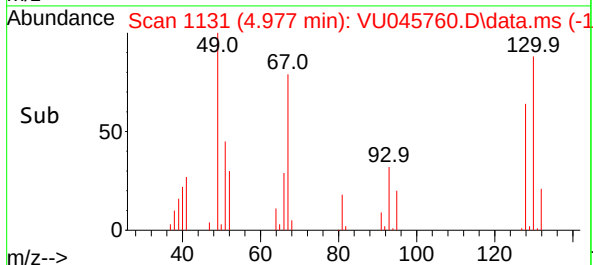
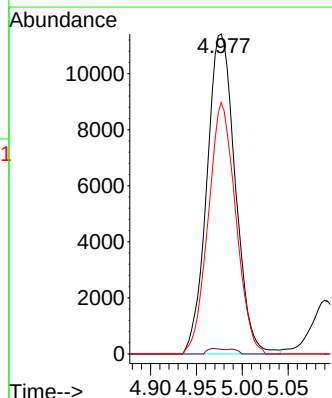
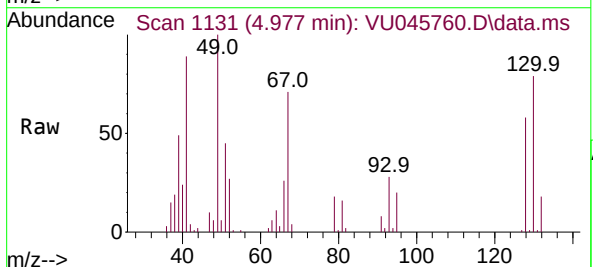
Tgt Ion: 49 Resp: 24551

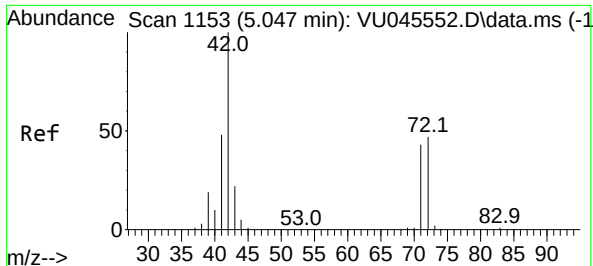
Ion Ratio Lower Upper

49 100

129 0.9 0.0 3.4

130 76.1 57.5 86.3





#29

Tetrahydrofuran

Concen: 105.587 ug/l

RT: 5.051 min Scan# 1154

Delta R.T. 0.004 min

Lab File: VU045760.D

Acq: 12 Nov 2021 11:43

Instrument :

MSVOA_U

ClientSampleId :

VU1112WBSD01

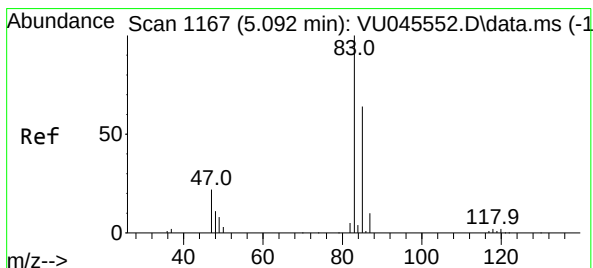
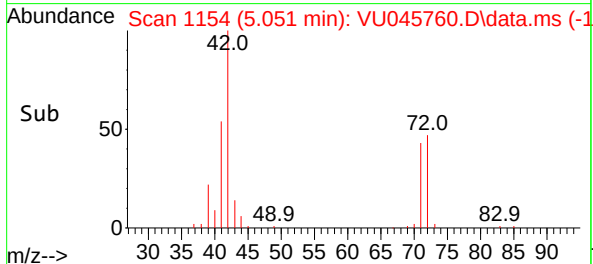
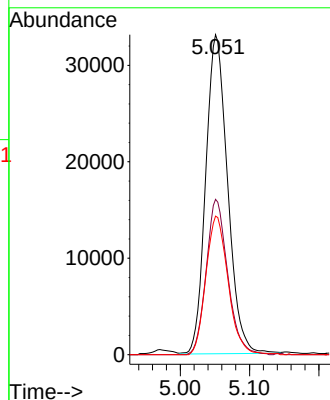
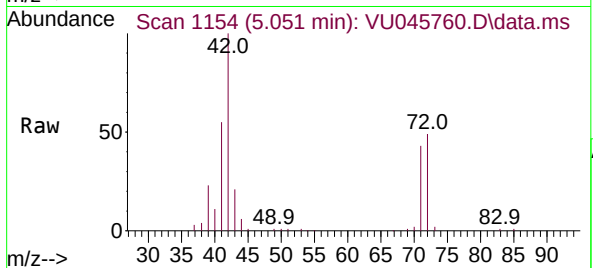
Tgt Ion: 42 Resp: 72518

Ion Ratio Lower Upper

42 100

72 47.8 38.2 57.4

71 44.2 35.4 53.2



#30

Chloroform

Concen: 20.864 ug/l

RT: 5.093 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU045760.D

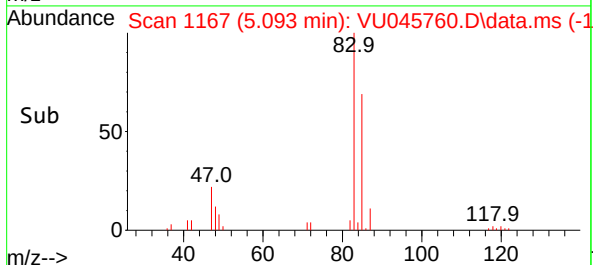
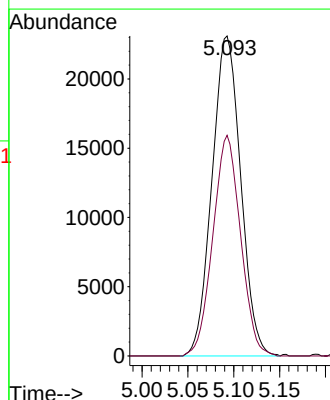
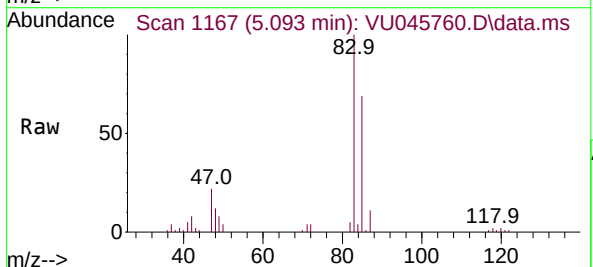
Acq: 12 Nov 2021 11:43

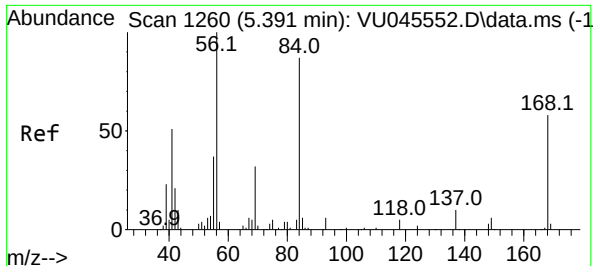
Tgt Ion: 83 Resp: 50364

Ion Ratio Lower Upper

83 100

85 68.9 52.0 78.0

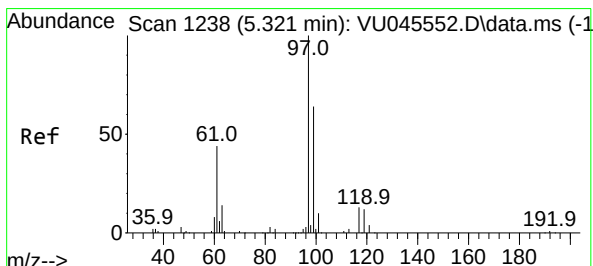
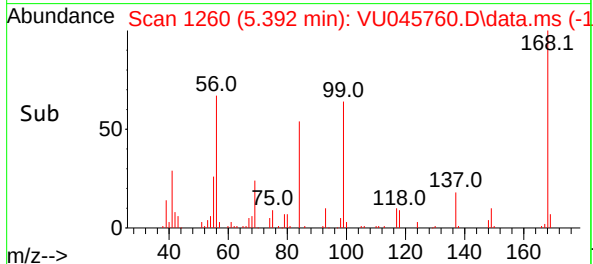
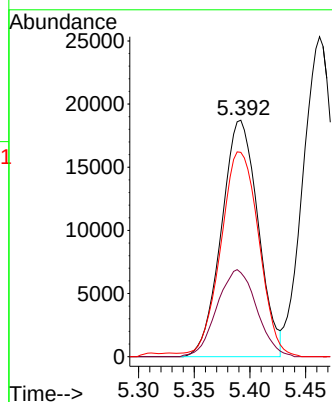
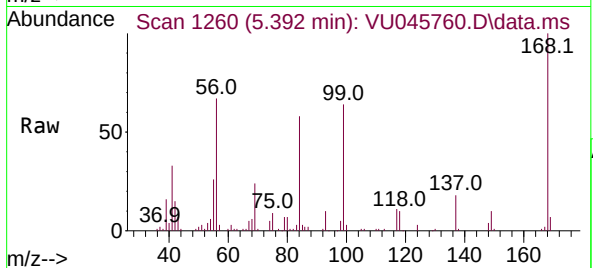




#31
Cyclohexane
Concen: 18.472 ug/l
RT: 5.392 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

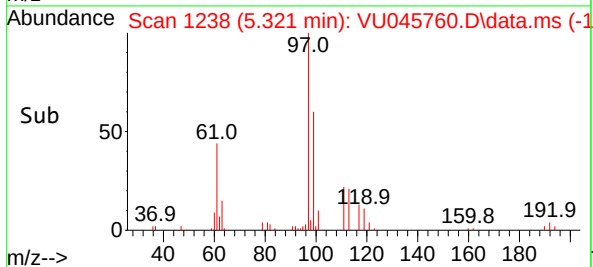
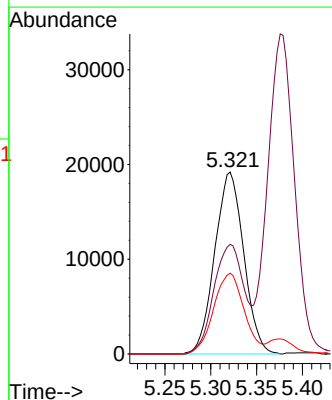
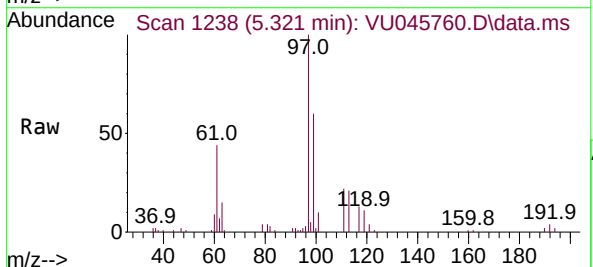
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

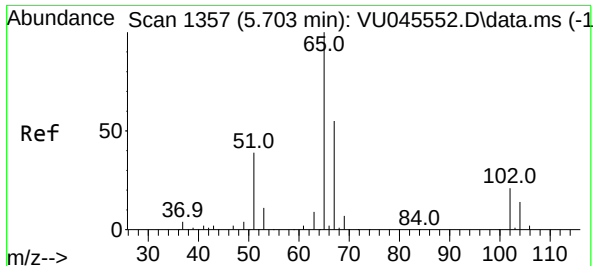
Tgt Ion: 56 Resp: 42864
Ion Ratio Lower Upper
56 100
69 35.5 26.4 39.6
84 84.9 68.4 102.6



#32
1,1,1-Trichloroethane
Concen: 20.525 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

Tgt Ion: 97 Resp: 42251
Ion Ratio Lower Upper
97 100
99 61.8 50.8 76.2
61 46.6 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 51.211 ug/l

RT: 5.704 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045760.D

Acq: 12 Nov 2021 11:43

Instrument :

MSVOA_U

ClientSampleId :

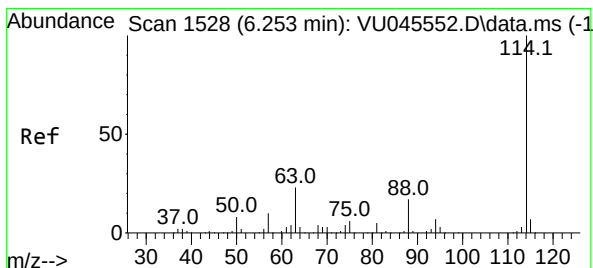
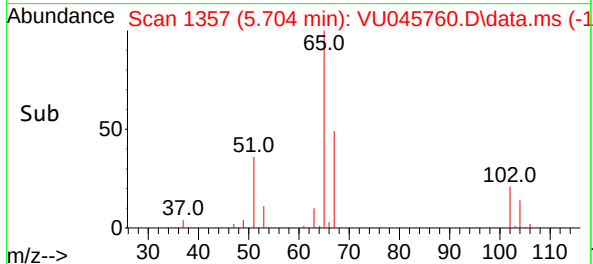
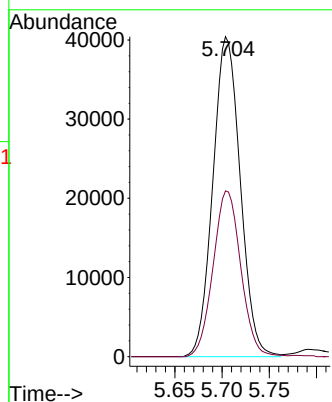
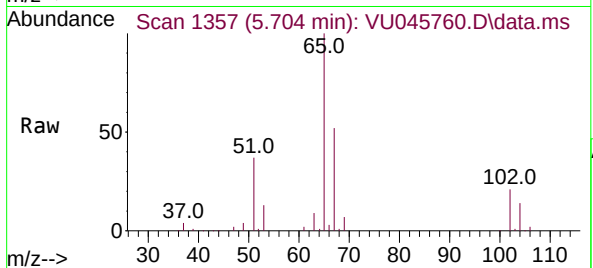
VU1112WBSD01

Tgt Ion: 65 Resp: 81441

Ion Ratio Lower Upper

65 100

67 52.3 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: VU045760.D

Acq: 12 Nov 2021 11:43

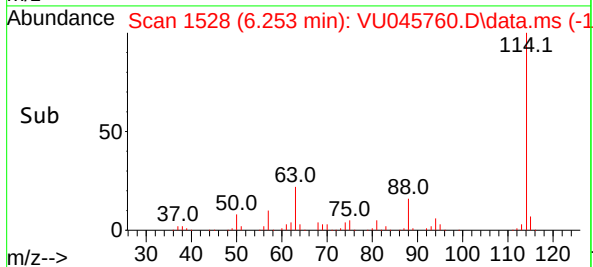
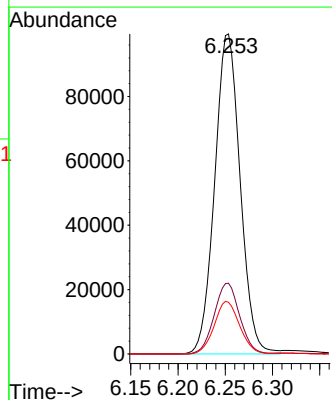
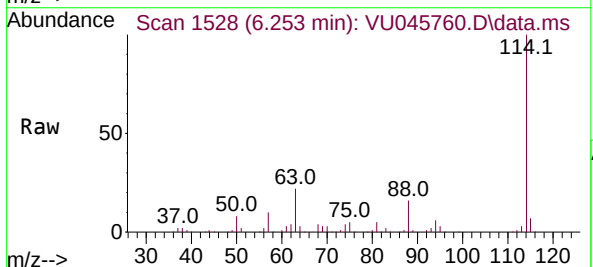
Tgt Ion: 114 Resp: 186323

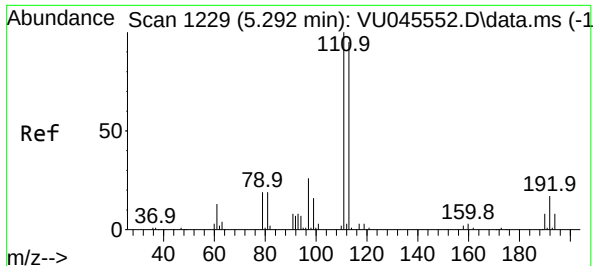
Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.6

88 16.2 0.0 33.8

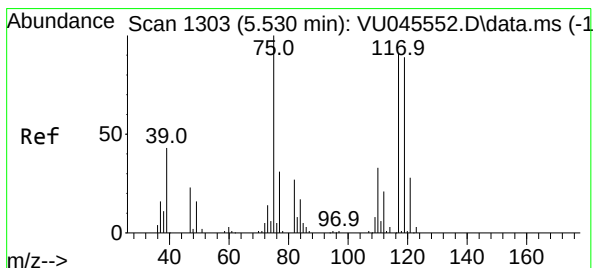
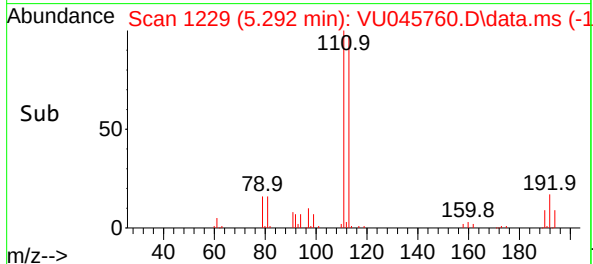
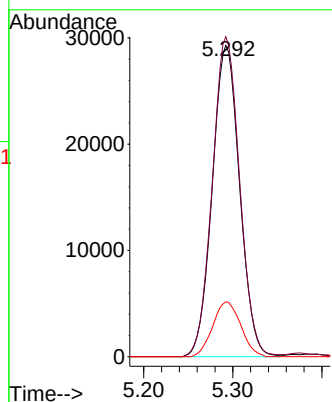
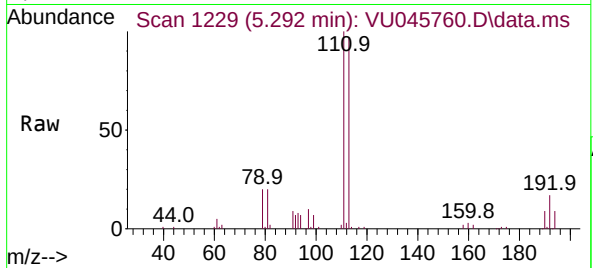




#35
Dibromofluoromethane
Concen: 50.107 ug/l
RT: 5.292 min Scan# 111
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

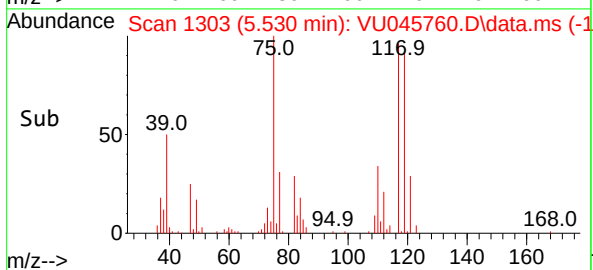
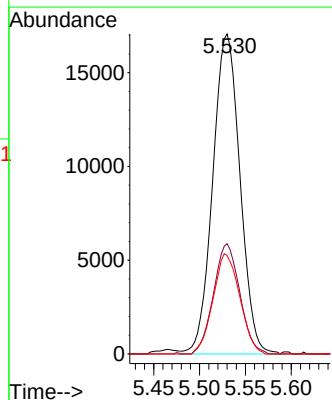
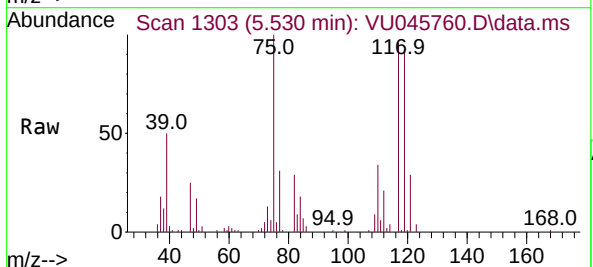
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

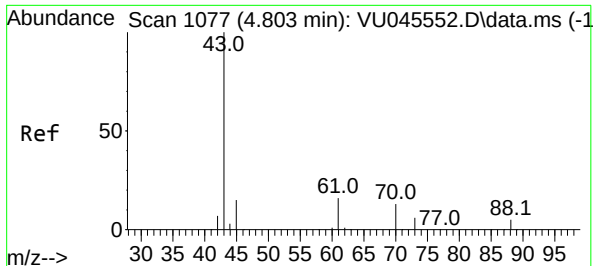
Tgt Ion:113 Resp: 62332
Ion Ratio Lower Upper
113 100
111 103.0 82.8 124.2
192 18.1 14.8 22.2



#36
1,1-Dichloropropene
Concen: 19.406 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

Tgt Ion: 75 Resp: 35256
Ion Ratio Lower Upper
75 100
110 33.2 16.7 50.0
77 30.7 25.0 37.4





#37

Ethyl Acetate

Concen: 21.140 ug/l

RT: 4.807 min Scan# 1077

Delta R.T. 0.004 min

Lab File: VU045760.D

Acq: 12 Nov 2021 11:43

Instrument :

MSVOA_U

ClientSampleId :

VU1112WBSD01

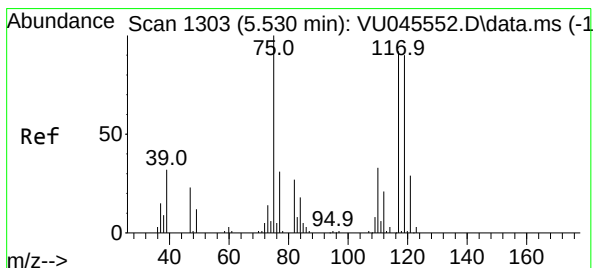
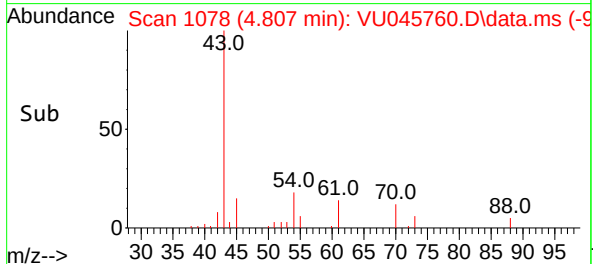
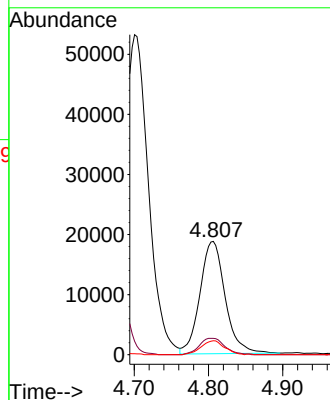
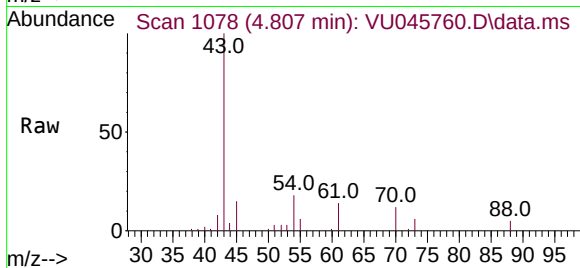
Tgt Ion: 43 Resp: 44119

Ion Ratio Lower Upper

43 100

61 14.7 11.6 17.4

70 11.5 9.1 13.7



#38

Carbon Tetrachloride

Concen: 19.321 ug/l

RT: 5.530 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VU045760.D

Acq: 12 Nov 2021 11:43

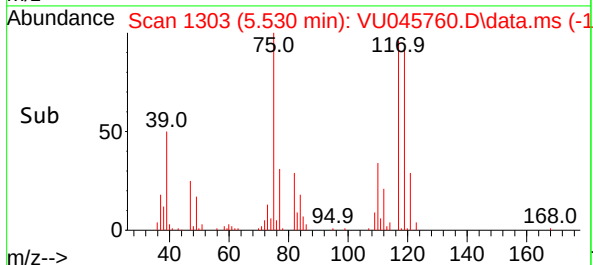
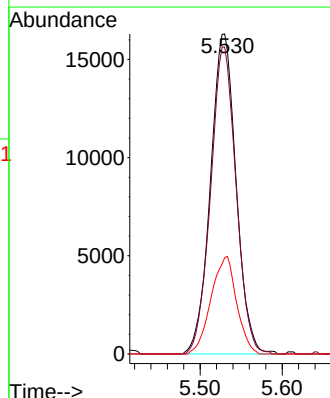
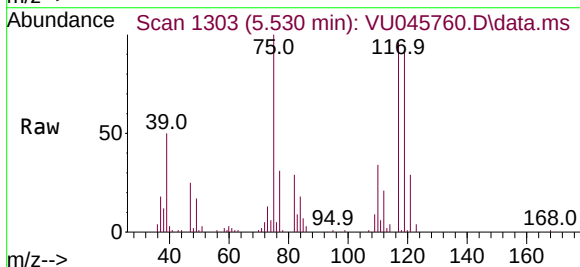
Tgt Ion: 117 Resp: 35389

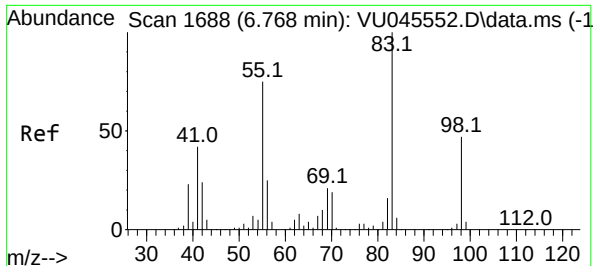
Ion Ratio Lower Upper

117 100

119 95.9 77.4 116.0

121 30.1 24.8 37.2





#39

Methylcyclohexane

Concen: 17.911 ug/l

RT: 6.768 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045760.D

Acq: 12 Nov 2021 11:43

Instrument :

MSVOA_U

ClientSampleId :

VU1112WBSD01

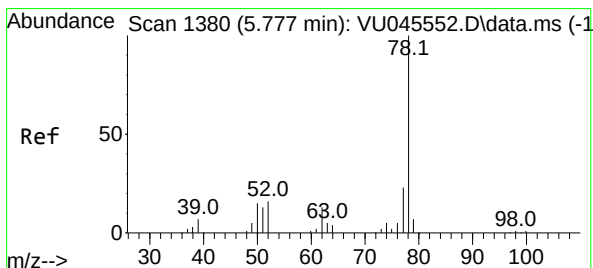
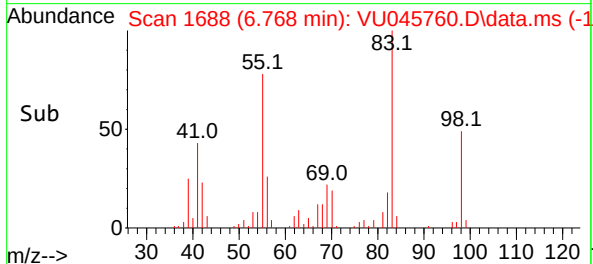
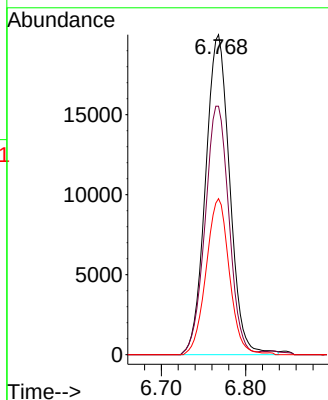
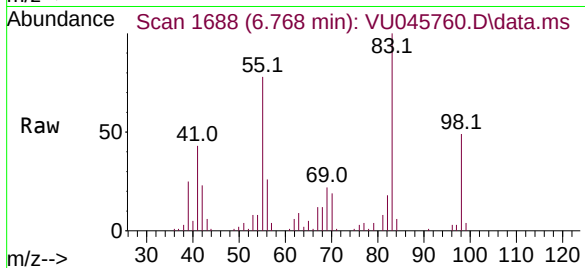
Tgt Ion: 83 Resp: 39920

Ion Ratio Lower Upper

83 100

55 77.6 63.6 95.4

98 48.8 37.1 55.7



#40

Benzene

Concen: 19.582 ug/l

RT: 5.778 min Scan# 1380

Delta R.T. 0.000 min

Lab File: VU045760.D

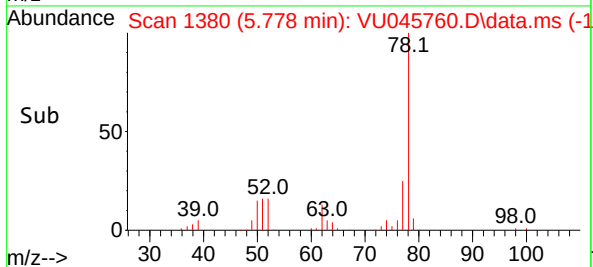
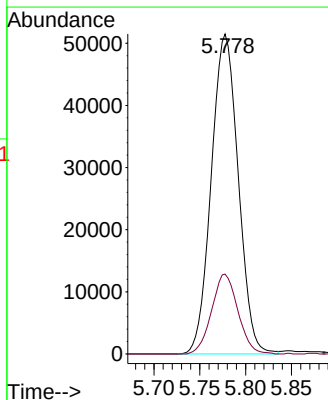
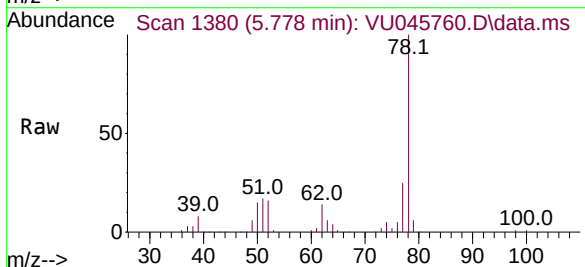
Acq: 12 Nov 2021 11:43

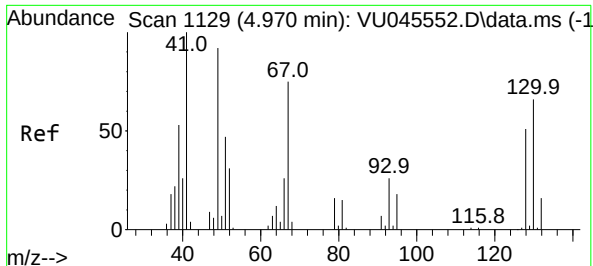
Tgt Ion: 78 Resp: 105328

Ion Ratio Lower Upper

78 100

77 24.9 19.0 28.4



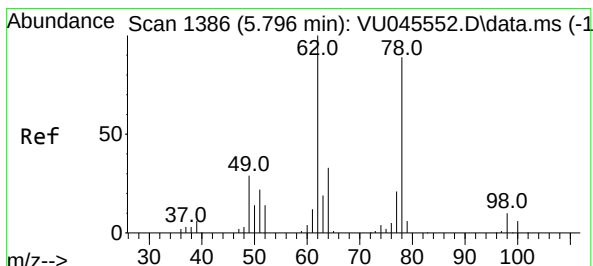
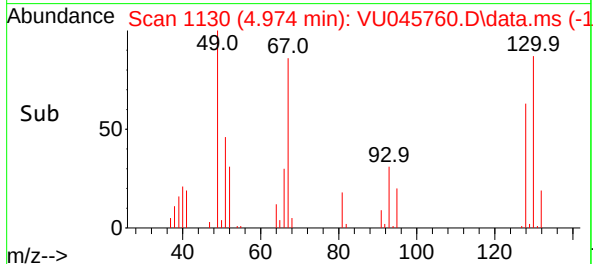
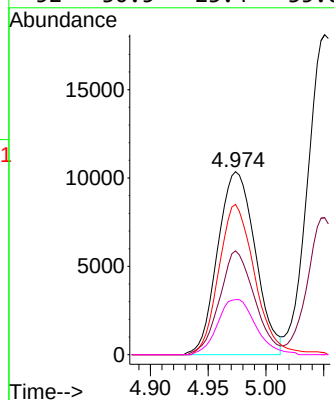
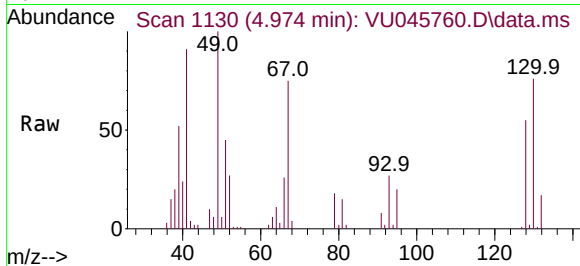


#41
Methacrylonitrile
Concen: 21.301 ug/l
RT: 4.974 min Scan# 1129
Delta R.T. 0.004 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

Tgt Ion: 41 Resp: 23493

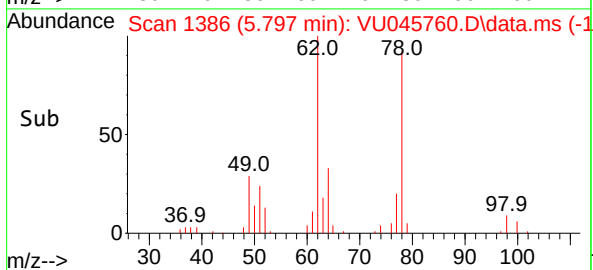
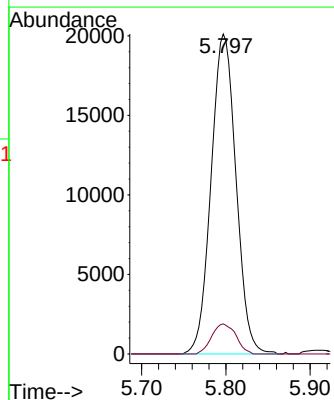
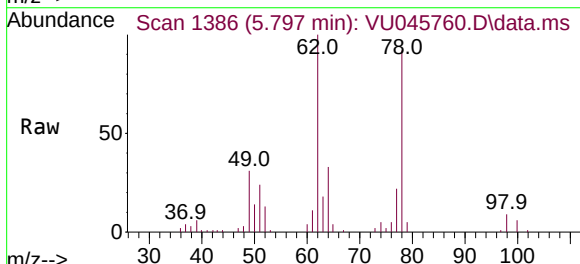
Ion	Ratio	Lower	Upper
41	100		
39	52.6	43.4	65.0
67	78.8	61.0	91.4
52	30.5	23.4	35.0

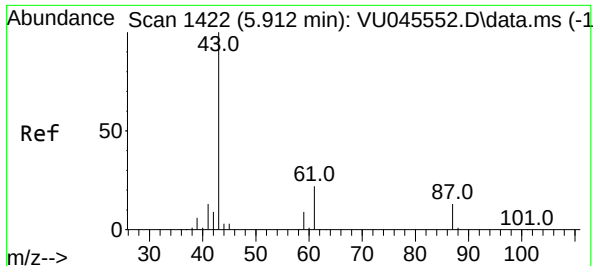


#42
1,2-Dichloroethane
Concen: 21.237 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

Tgt Ion: 62 Resp: 41261

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.4





#43

Isopropyl Acetate

Concen: 20.320 ug/l

RT: 5.913 min Scan# 1422

Delta R.T. 0.000 min

Lab File: VU045760.D

Acq: 12 Nov 2021 11:43

Instrument :

MSVOA_U

ClientSampleId :

VU1112WBSD01

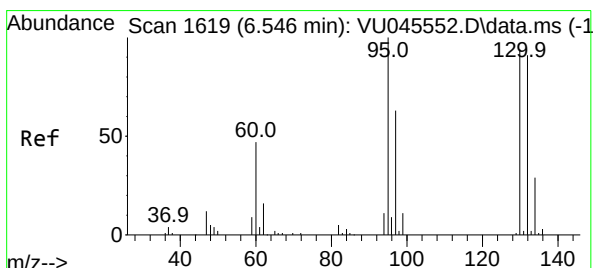
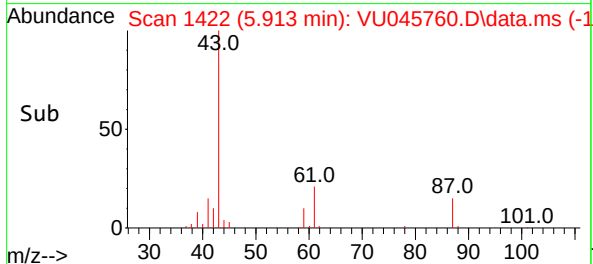
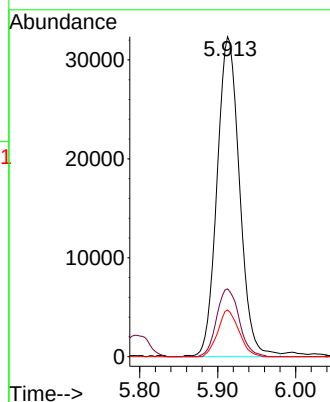
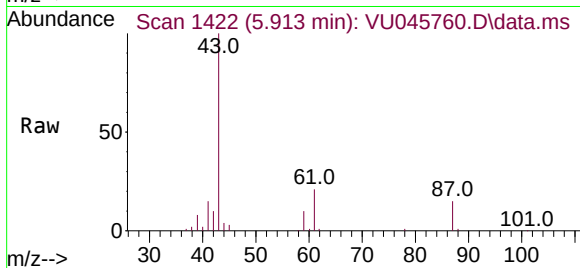
Tgt Ion: 43 Resp: 64863

Ion Ratio Lower Upper

43 100

61 21.4 16.9 25.3

87 13.7 11.0 16.4



#44

Trichloroethene

Concen: 20.432 ug/l

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU045760.D

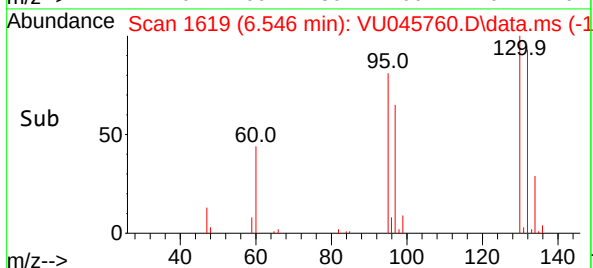
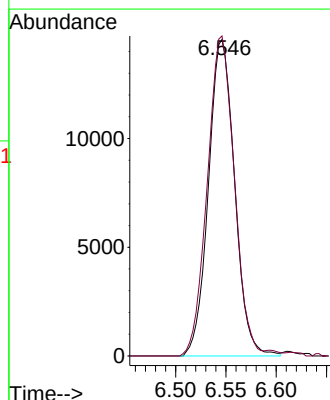
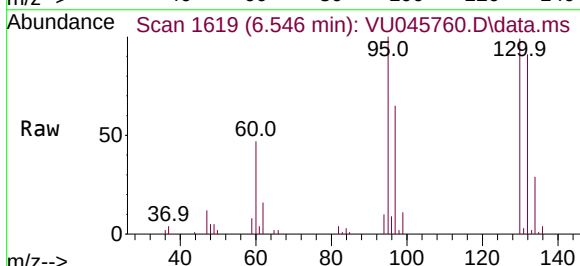
Acq: 12 Nov 2021 11:43

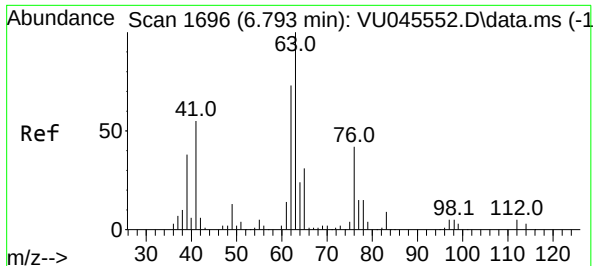
Tgt Ion:130 Resp: 26307

Ion Ratio Lower Upper

130 100

95 101.2 0.0 211.4





#45

1,2-Dichloropropane

Concen: 20.426 ug/l

RT: 6.794 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045760.D

Acq: 12 Nov 2021 11:43

Instrument :

MSVOA_U

ClientSampleId :

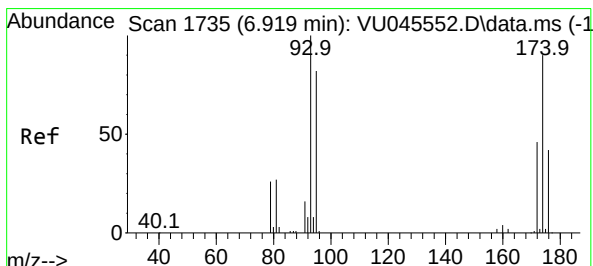
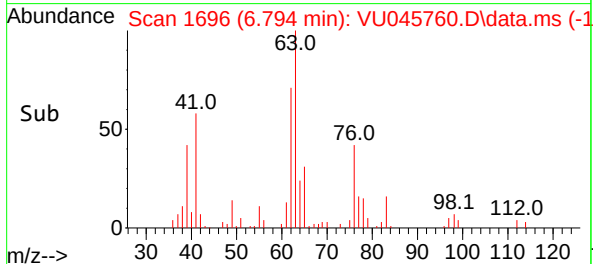
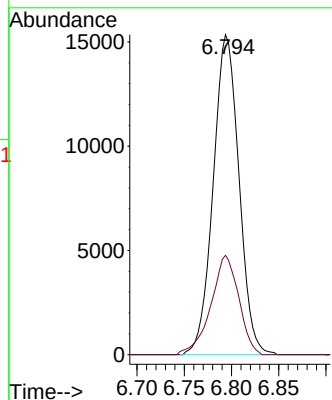
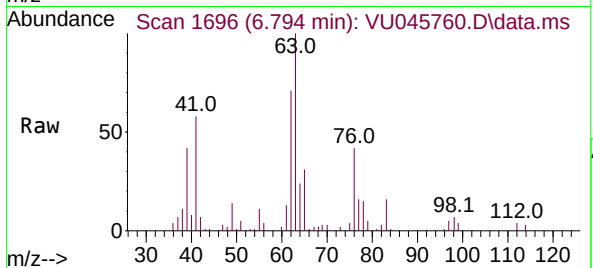
VU1112WBSD01

Tgt Ion: 63 Resp: 29071

Ion Ratio Lower Upper

63 100

65 31.0 25.7 38.5



#46

Dibromomethane

Concen: 21.117 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. 0.004 min

Lab File: VU045760.D

Acq: 12 Nov 2021 11:43

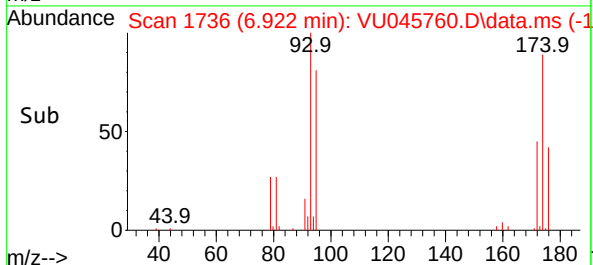
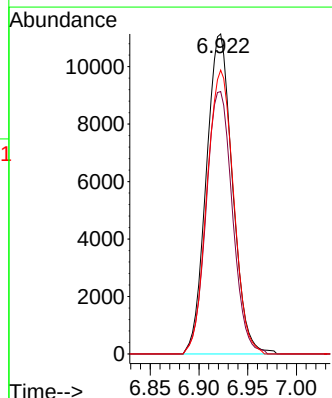
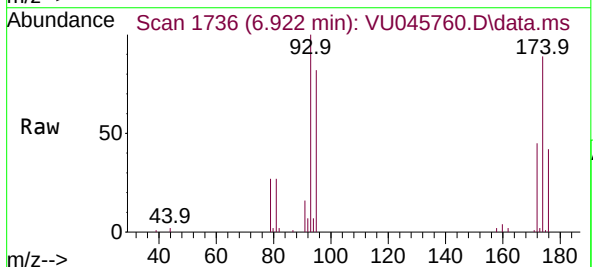
Tgt Ion: 93 Resp: 20825

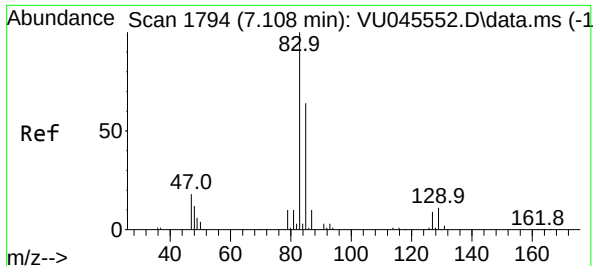
Ion Ratio Lower Upper

93 100

95 82.1 66.2 99.2

174 90.0 71.0 106.6

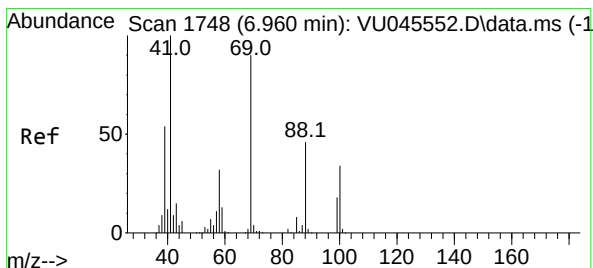
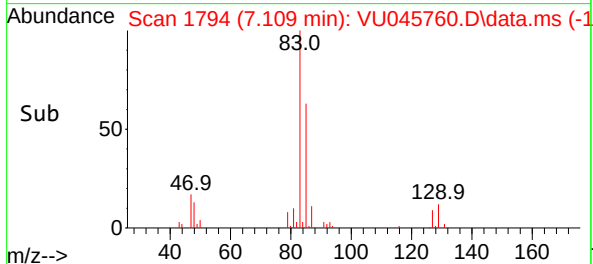
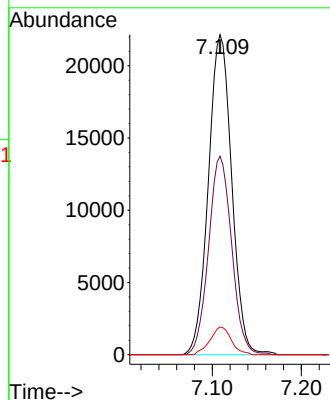
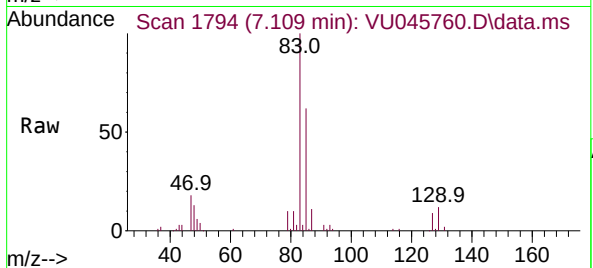




#47
Bromodichloromethane
Concen: 21.571 ug/l
RT: 7.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

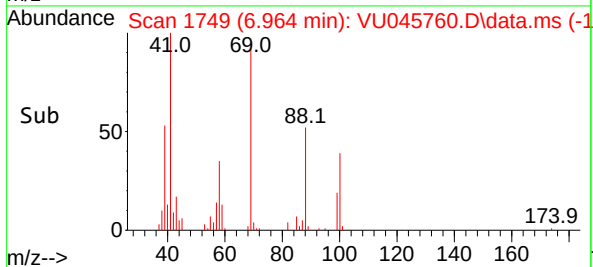
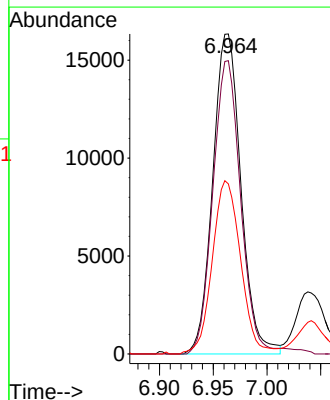
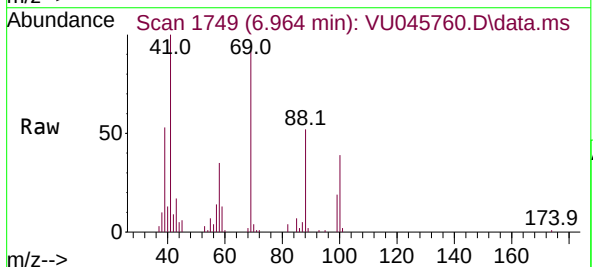
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

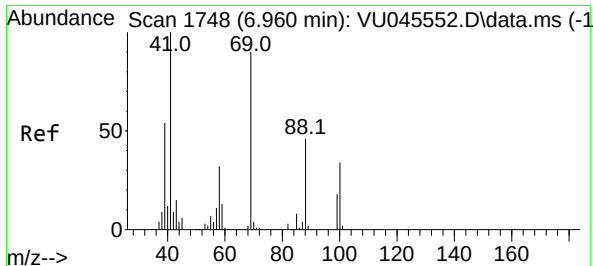
Tgt Ion: 83 Resp: 40362
Ion Ratio Lower Upper
83 100
85 62.0 49.8 74.6
127 8.7 6.2 9.2



#48
Methyl methacrylate
Concen: 20.268 ug/l
RT: 6.964 min Scan# 1749
Delta R.T. 0.004 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

Tgt Ion: 41 Resp: 29778
Ion Ratio Lower Upper
41 100
69 91.2 70.2 105.2
39 54.4 43.9 65.9





#49

1,4-Dioxane

Concen: 440.191 ug/l

RT: 6.964 min Scan# 1

Delta R.T. 0.004 min

Lab File: VU045760.D

Acq: 12 Nov 2021 11:43

Instrument :

MSVOA_U

ClientSampleId :

VU1112WBSD01

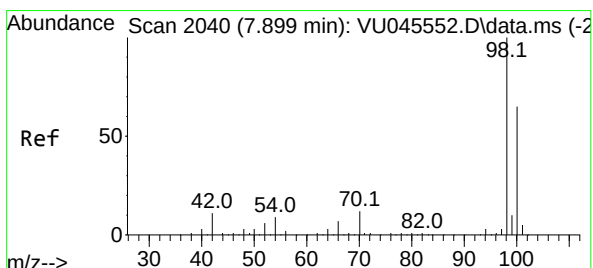
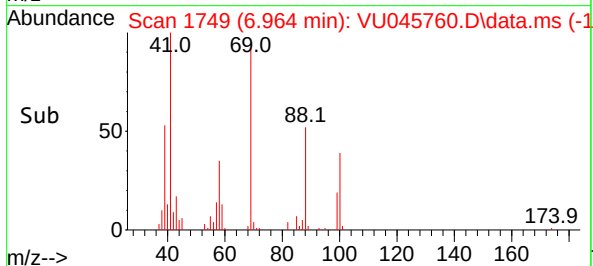
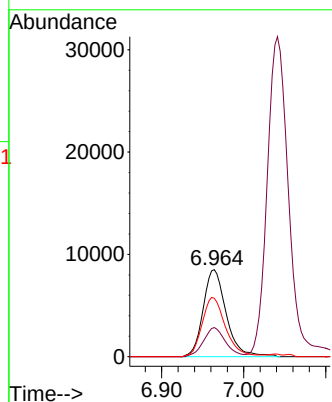
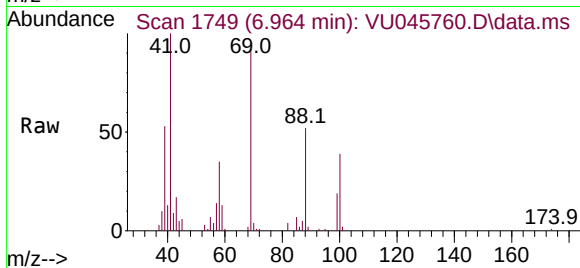
Tgt Ion: 88 Resp: 16632

Ion Ratio Lower Upper

88 100

43 32.0 0.0 0.0#

58 69.0 58.7 88.1



#50

Toluene-d8

Concen: 49.387 ug/l

RT: 7.900 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VU045760.D

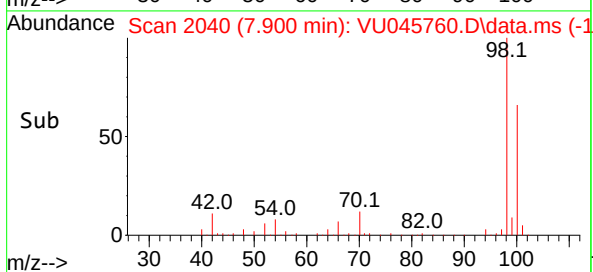
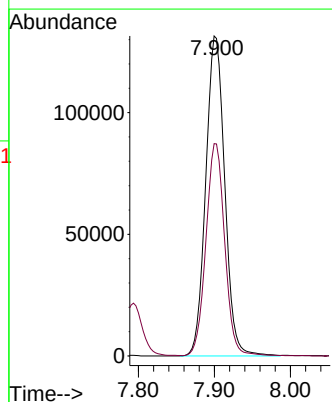
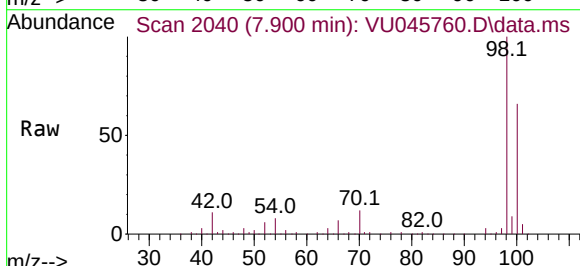
Acq: 12 Nov 2021 11:43

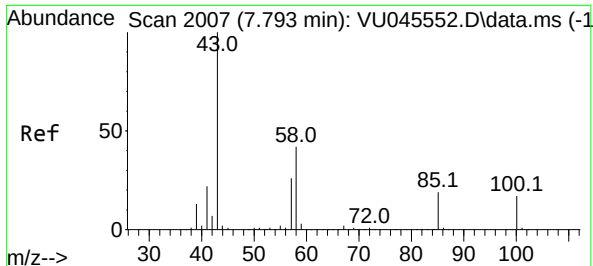
Tgt Ion: 98 Resp: 228453

Ion Ratio Lower Upper

98 100

100 65.5 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 105.738 ug/l

RT: 7.794 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU045760.D

Acq: 12 Nov 2021 11:43

Instrument :

MSVOA_U

ClientSampleId :

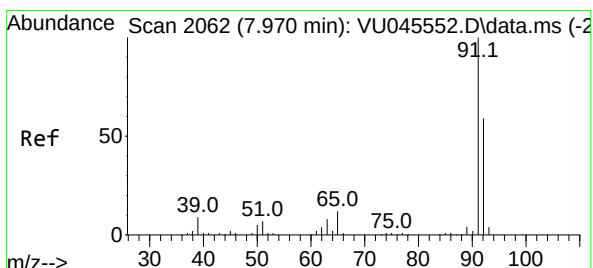
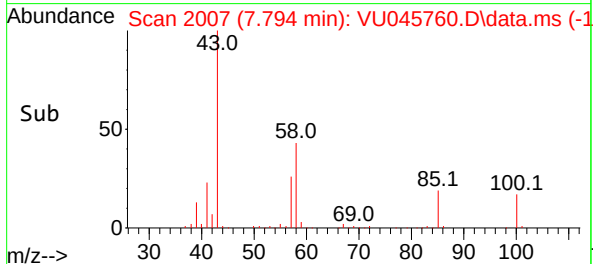
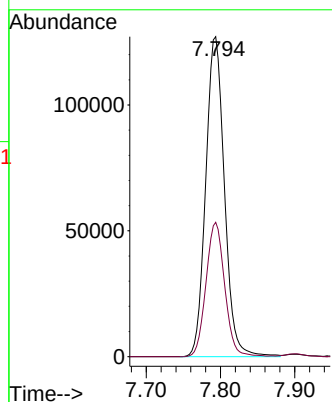
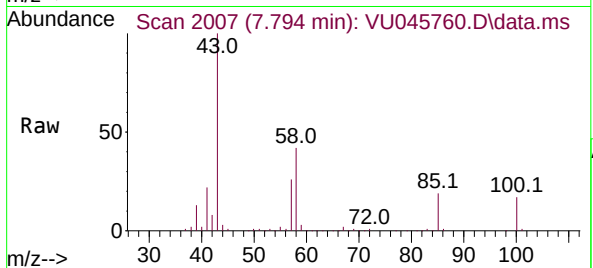
VU1112WBSD01

Tgt Ion: 43 Resp: 222653

Ion Ratio Lower Upper

43 100

58 41.9 33.8 50.8



#52

Toluene

Concen: 20.382 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU045760.D

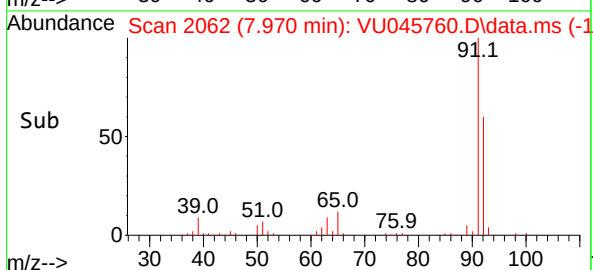
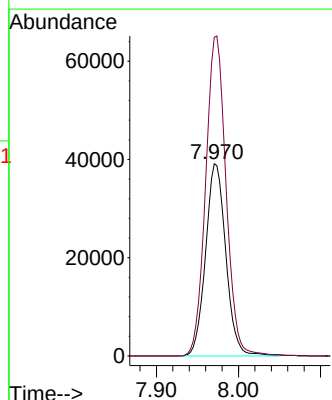
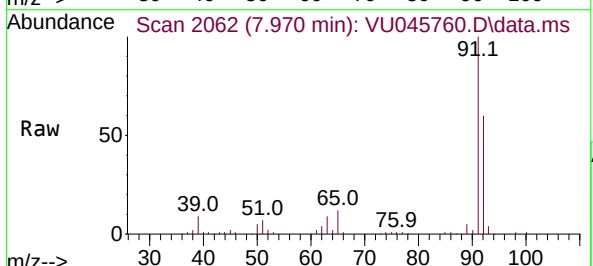
Acq: 12 Nov 2021 11:43

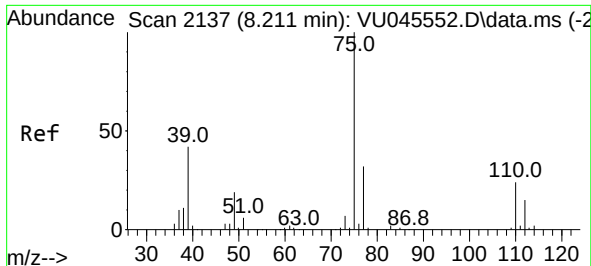
Tgt Ion: 92 Resp: 67120

Ion Ratio Lower Upper

92 100

91 167.9 135.6 203.4





#53

t-1,3-Dichloropropene

Concen: 19.298 ug/l

RT: 8.212 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045760.D

Acq: 12 Nov 2021 11:43

Instrument :

MSVOA_U

ClientSampleId :

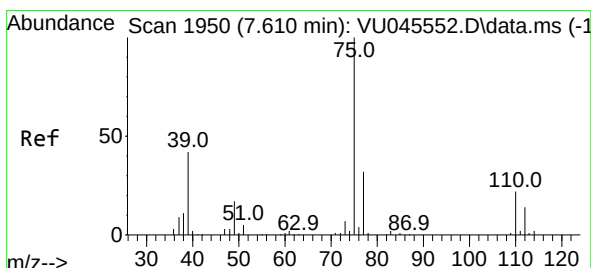
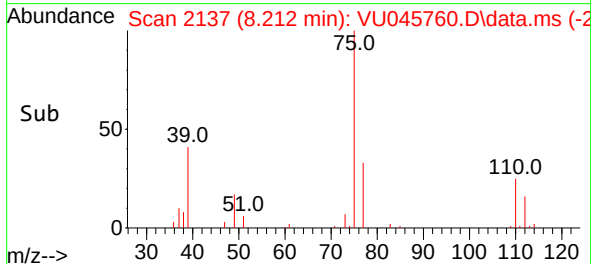
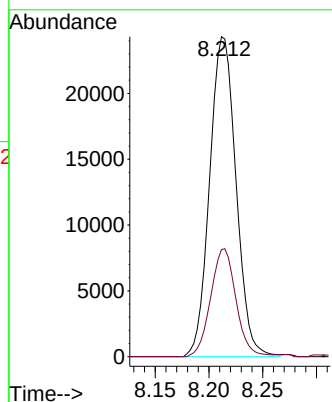
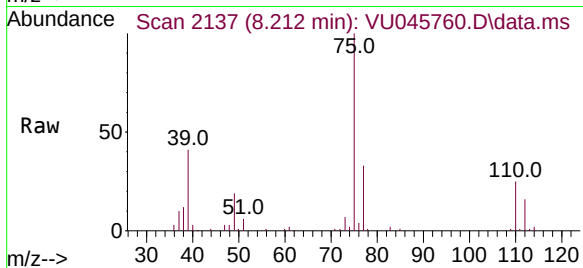
VU1112WBSD01

Tgt Ion: 75 Resp: 41499

Ion Ratio Lower Upper

75 100

77 33.5 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 20.283 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU045760.D

Acq: 12 Nov 2021 11:43

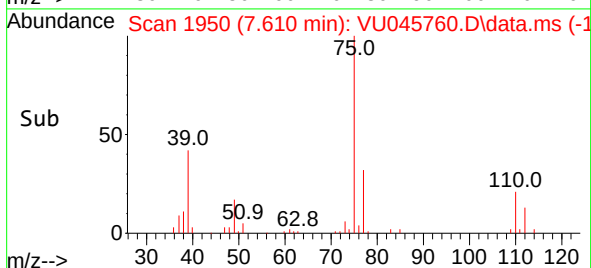
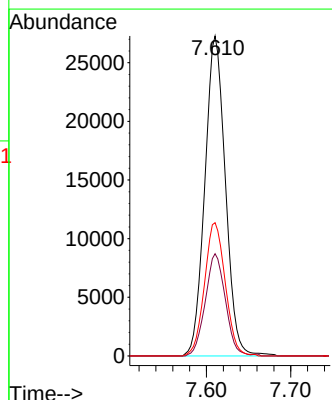
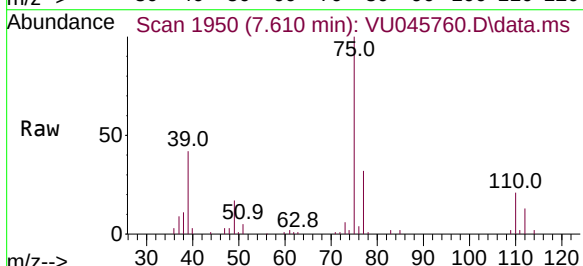
Tgt Ion: 75 Resp: 46328

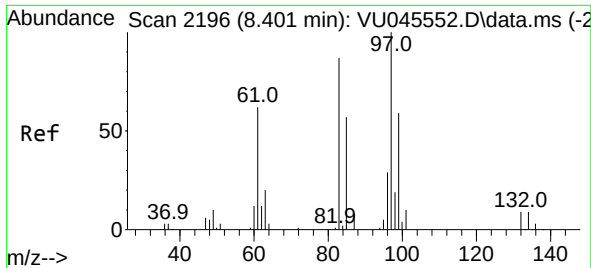
Ion Ratio Lower Upper

75 100

77 32.0 24.6 37.0

39 41.7 37.1 55.7

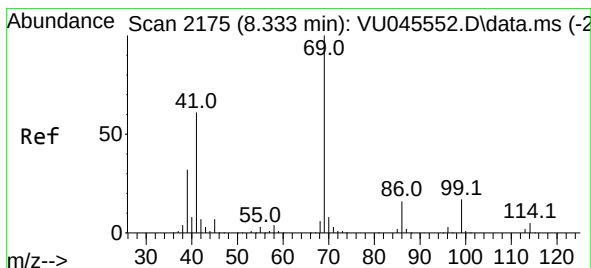
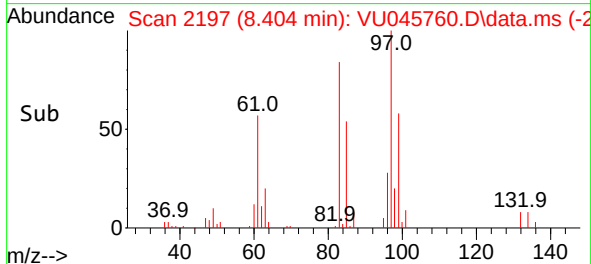
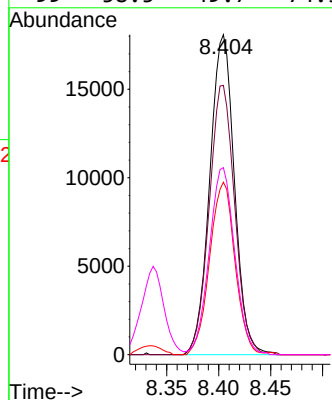
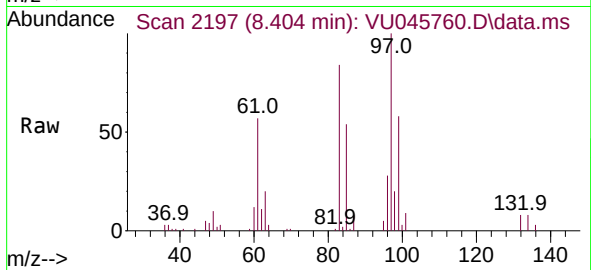




#55
1,1,2-Trichloroethane
Concen: 21.895 ug/l
RT: 8.404 min Scan# 2196
Delta R.T. 0.004 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

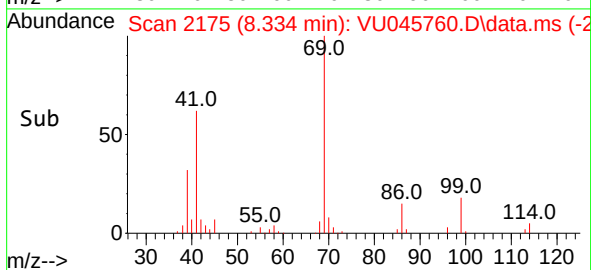
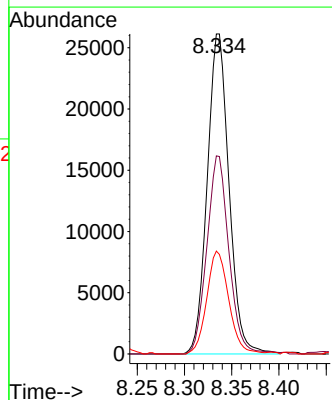
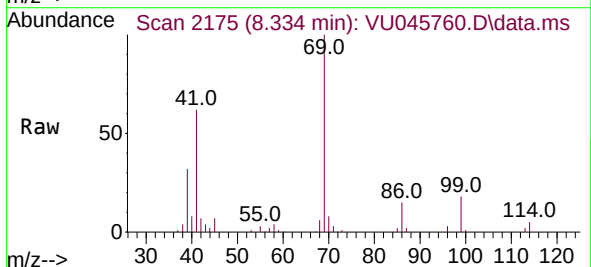
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

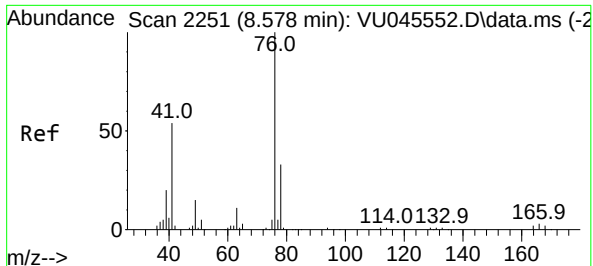
Tgt Ion:	97	Resp:	29883
Ion	Ratio	Lower	Upper
97	100		
83	84.2	70.3	105.5
85	53.9	45.5	68.3
99	58.5	49.7	74.5



#56
Ethyl methacrylate
Concen: 18.711 ug/l
RT: 8.334 min Scan# 2175
Delta R.T. 0.001 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

Tgt Ion:	69	Resp:	41903
Ion	Ratio	Lower	Upper
69	100		
41	62.8	51.0	76.4
39	32.4	26.6	39.8





#57

1,3-Dichloropropane

Concen: 21.077 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045760.D

Acq: 12 Nov 2021 11:43

Instrument :

MSVOA_U

ClientSampleId :

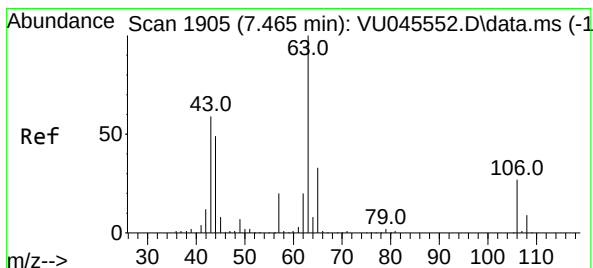
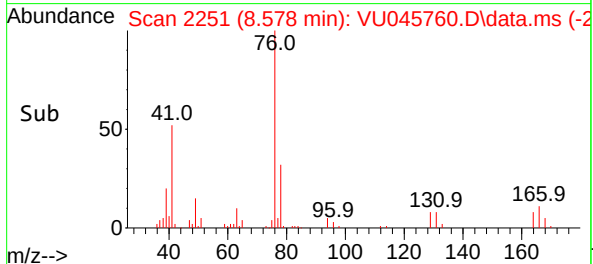
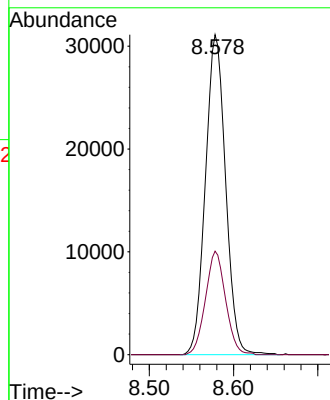
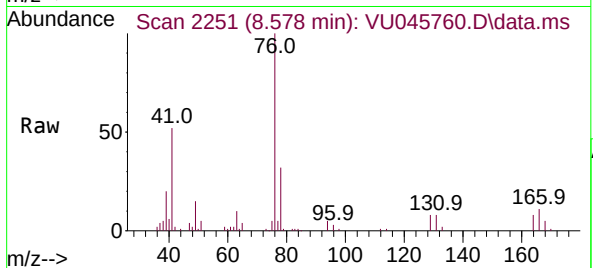
VU1112WBSD01

Tgt Ion: 76 Resp: 51810

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 79.598 ug/l

RT: 7.466 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VU045760.D

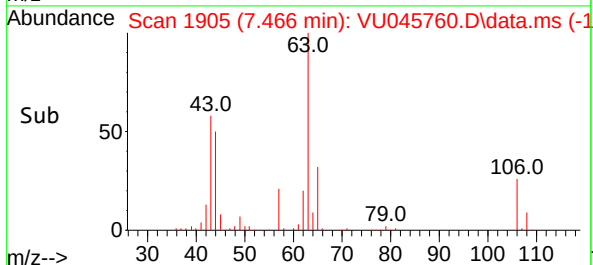
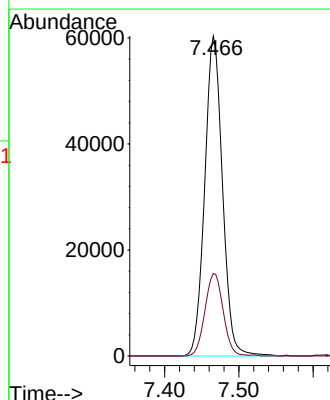
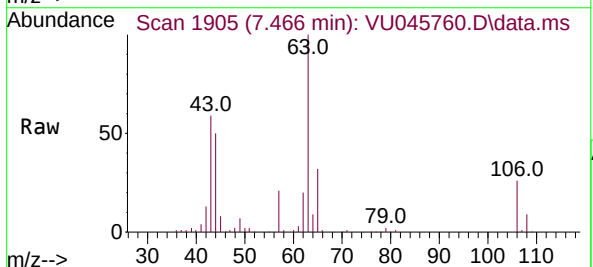
Acq: 12 Nov 2021 11:43

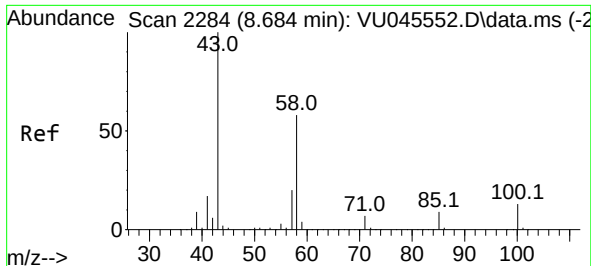
Tgt Ion: 63 Resp: 100014

Ion Ratio Lower Upper

63 100

106 26.4 21.0 31.4





#59

2-Hexanone

Concen: 96.913 ug/l

RT: 8.684 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045760.D

Acq: 12 Nov 2021 11:43

Instrument :

MSVOA_U

ClientSampleId :

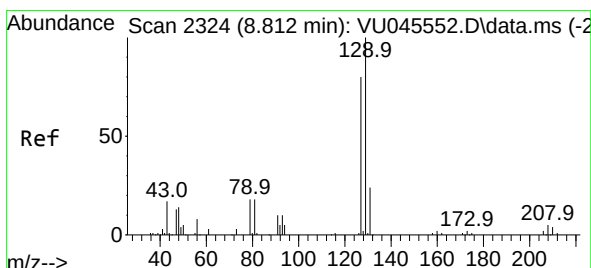
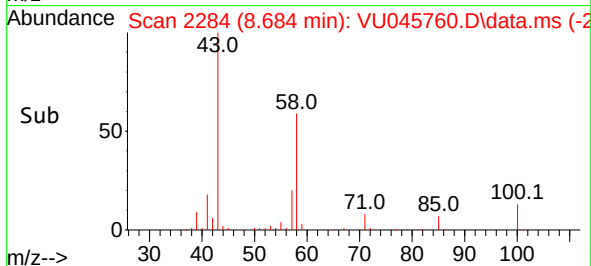
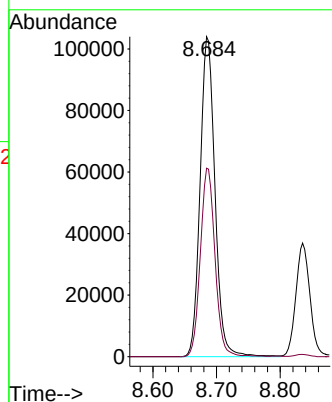
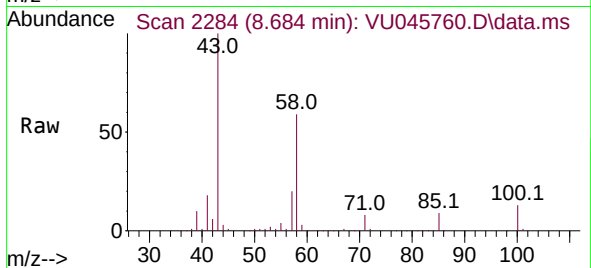
VU1112WBSD01

Tgt Ion: 43 Resp: 168851

Ion Ratio Lower Upper

43 100

58 57.9 29.5 88.6



#60

Dibromochloromethane

Concen: 20.825 ug/l

RT: 8.813 min Scan# 2324

Delta R.T. 0.000 min

Lab File: VU045760.D

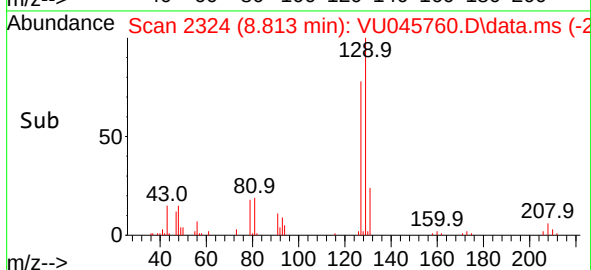
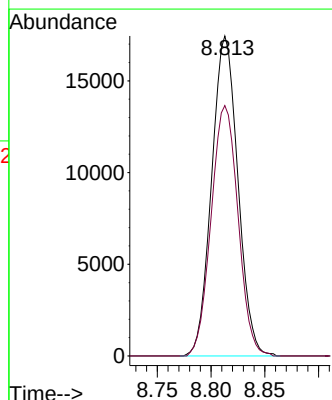
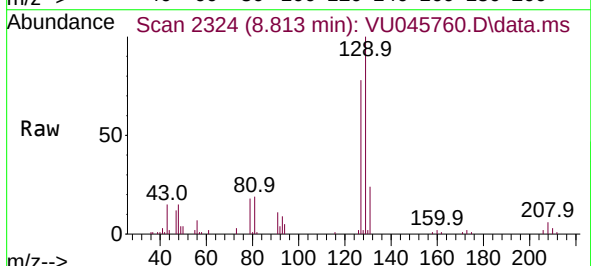
Acq: 12 Nov 2021 11:43

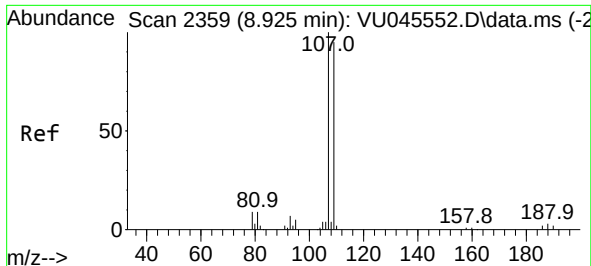
Tgt Ion: 129 Resp: 29595

Ion Ratio Lower Upper

129 100

127 80.1 38.5 115.3

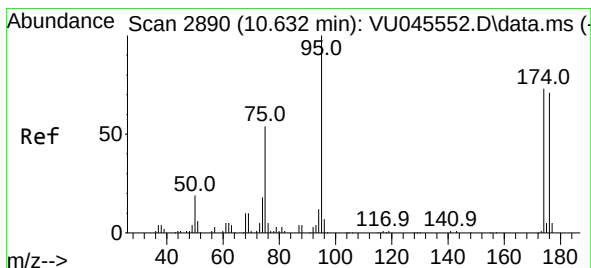
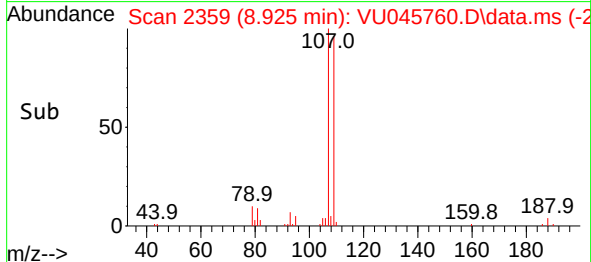
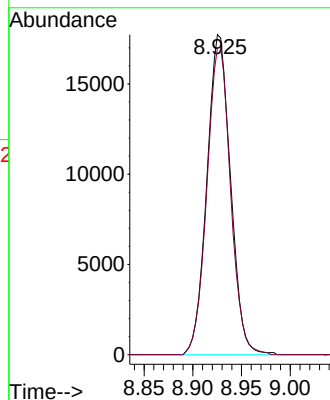
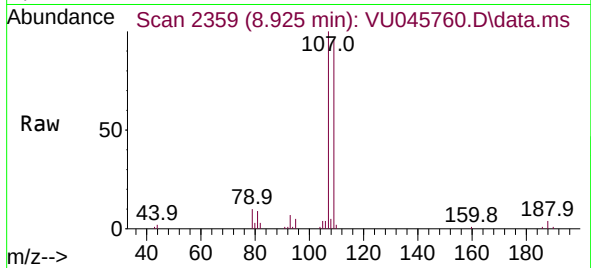




#61
1,2-Dibromoethane
Concen: 20.432 ug/l
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

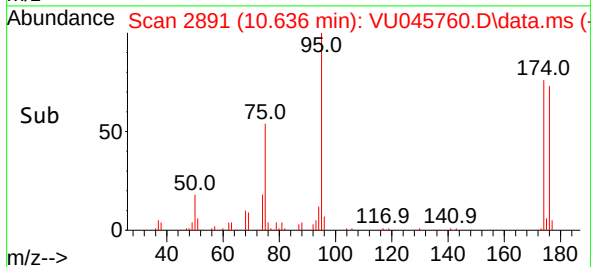
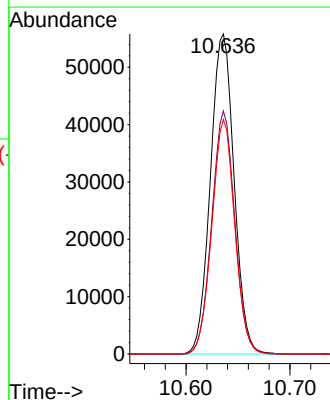
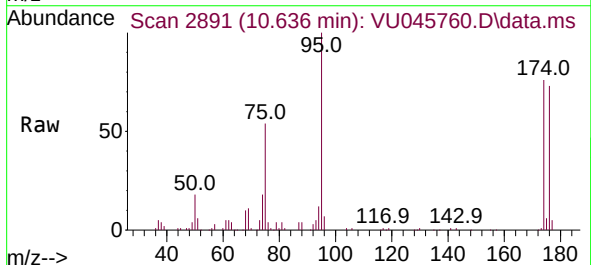
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

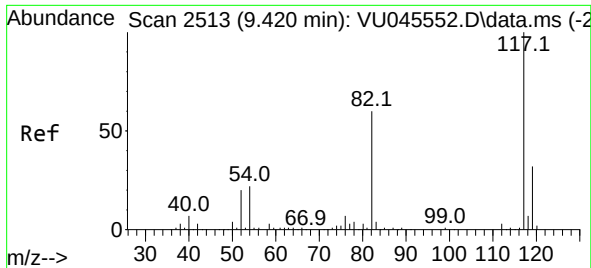
Tgt Ion:107 Resp: 29908
Ion Ratio Lower Upper
107 100
109 96.1 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 47.650 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.004 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

Tgt Ion: 95 Resp: 88386
Ion Ratio Lower Upper
95 100
174 73.7 0.0 141.8
176 71.0 0.0 138.2

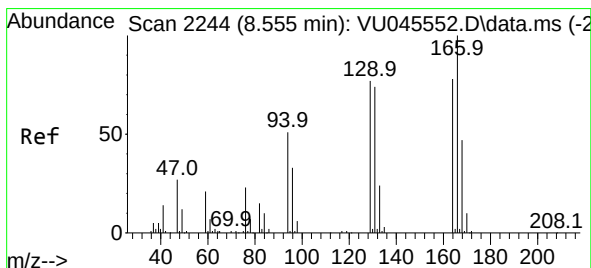
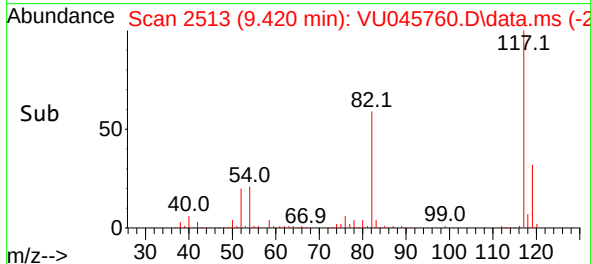
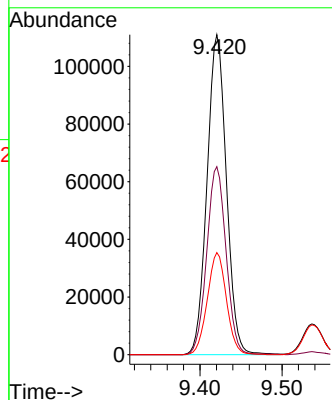
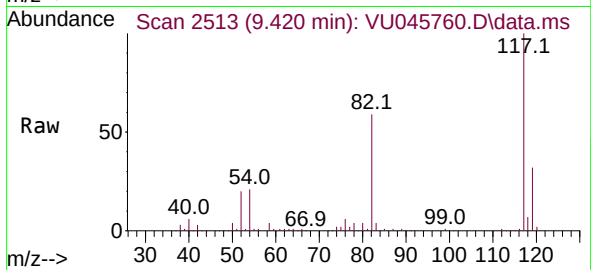




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

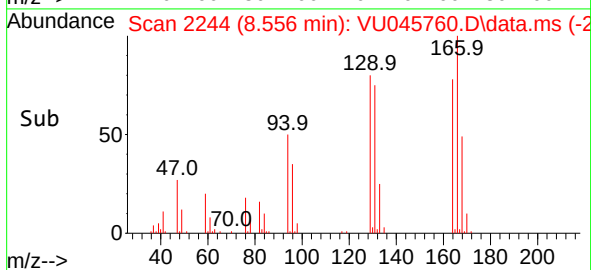
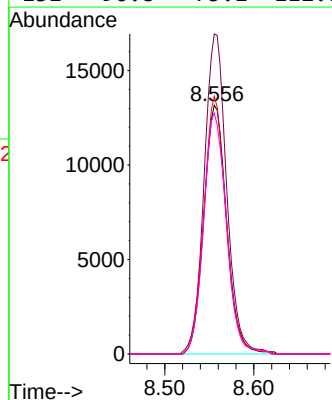
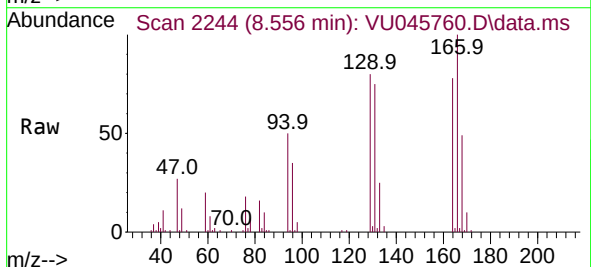
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

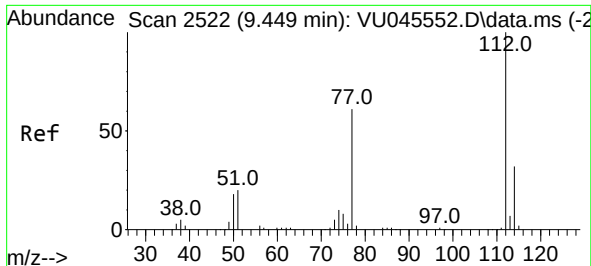
Tgt Ion:117 Resp: 182053
Ion Ratio Lower Upper
117 100
82 58.7 47.8 71.8
119 31.9 25.8 38.8



#64
Tetrachloroethene
Concen: 22.472 ug/l
RT: 8.556 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

Tgt Ion:164 Resp: 23481
Ion Ratio Lower Upper
164 100
166 128.7 102.2 153.4
129 103.6 78.2 117.4
131 96.8 75.1 112.7

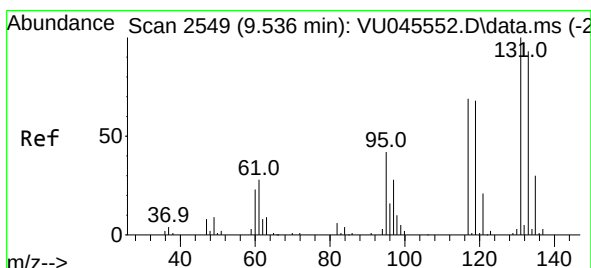
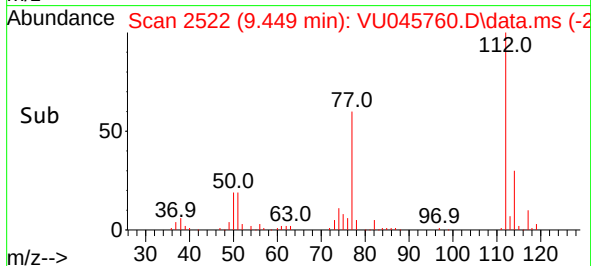
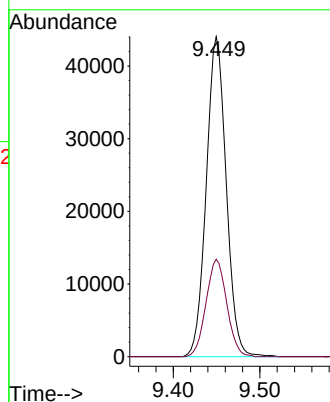
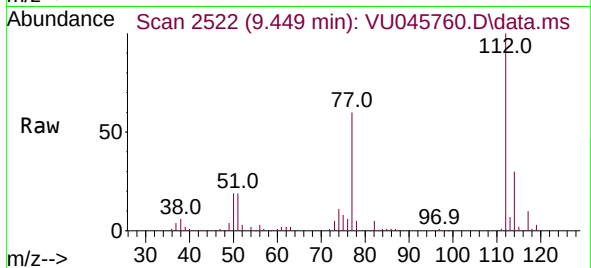




#65
Chlorobenzene
Concen: 19.703 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

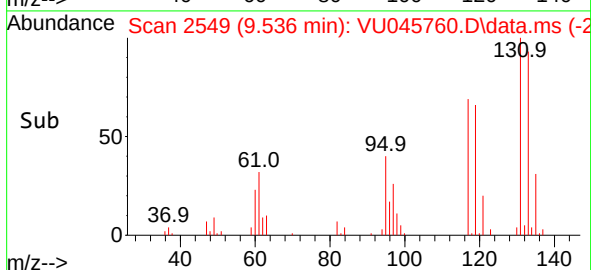
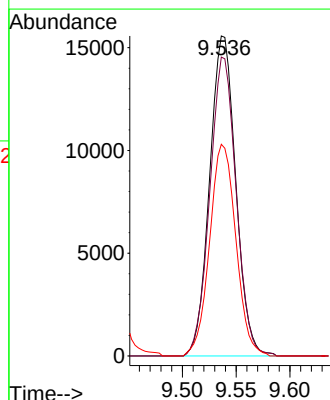
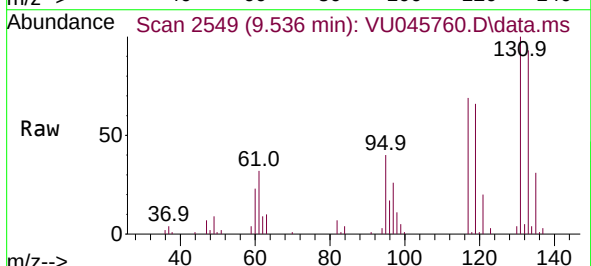
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

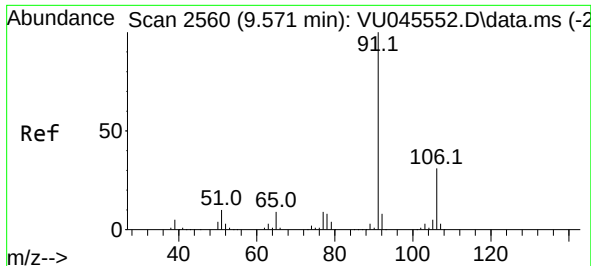
Tgt Ion:112 Resp: 70456
Ion Ratio Lower Upper
112 100
114 30.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.624 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

Tgt Ion:131 Resp: 26304
Ion Ratio Lower Upper
131 100
133 94.2 47.9 143.6
119 66.5 34.5 103.6





#67

Ethyl Benzene

Concen: 19.354 ug/l

RT: 9.572 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU045760.D

Acq: 12 Nov 2021 11:43

Instrument :

MSVOA_U

ClientSampleId :

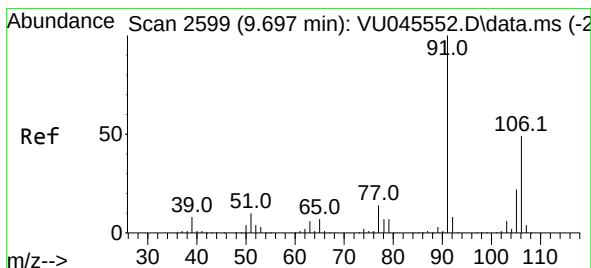
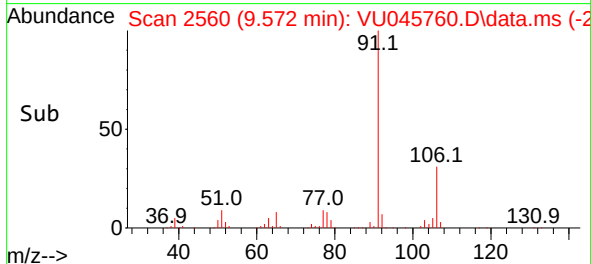
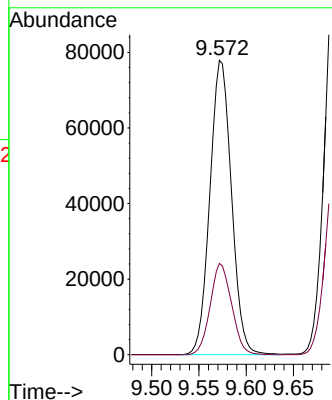
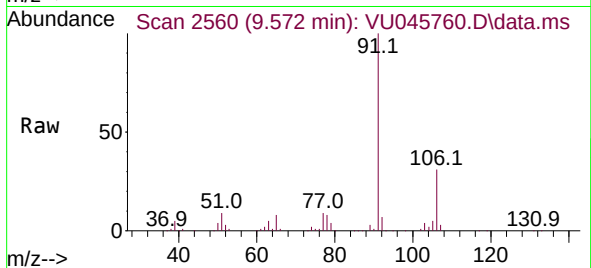
VU1112WBSD01

Tgt Ion: 91 Resp: 123939

Ion Ratio Lower Upper

91 100

106 31.0 24.6 36.8



#68

m/p-Xylenes

Concen: 39.533 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.000 min

Lab File: VU045760.D

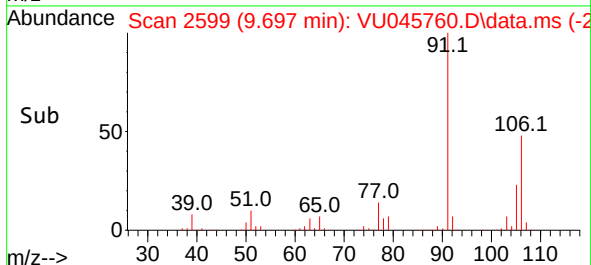
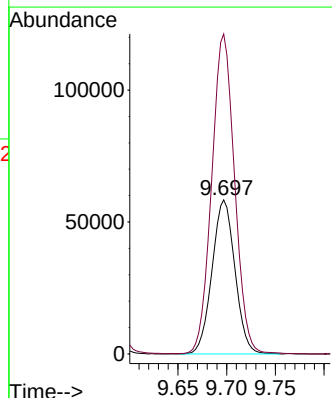
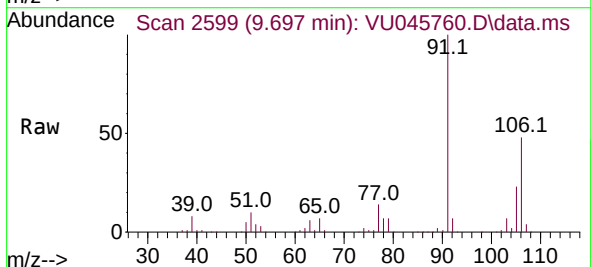
Acq: 12 Nov 2021 11:43

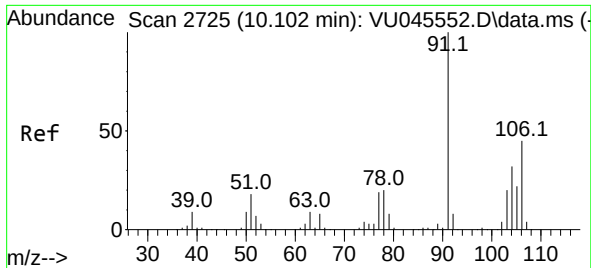
Tgt Ion: 106 Resp: 95477

Ion Ratio Lower Upper

106 100

91 207.9 164.7 247.1

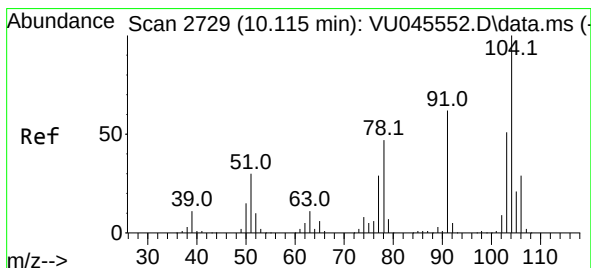
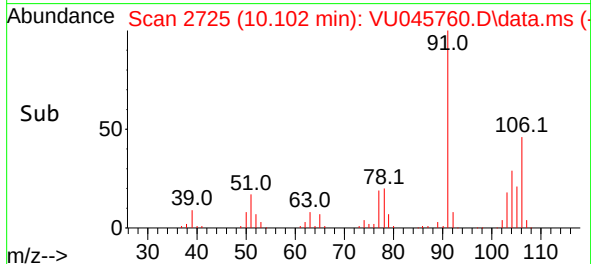
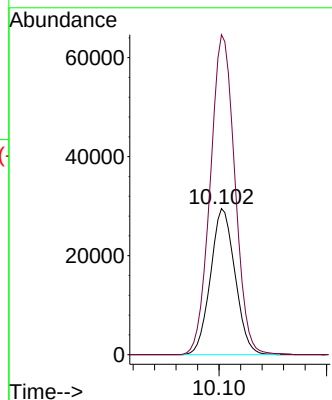
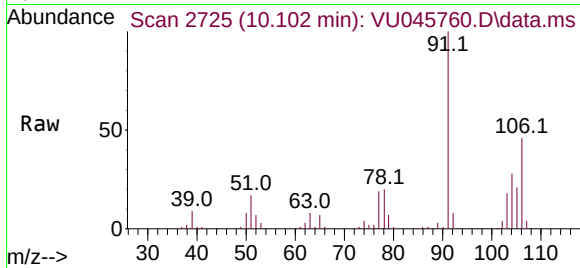




#69
o-Xylene
Concen: 19.904 ug/l
RT: 10.102 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

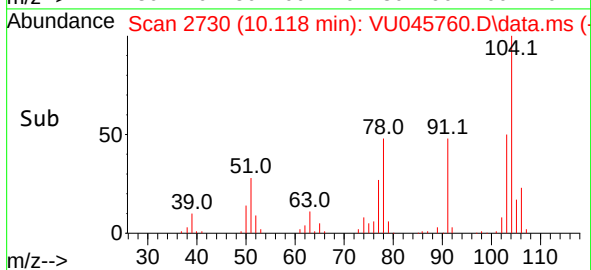
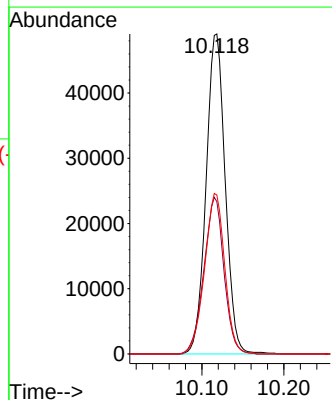
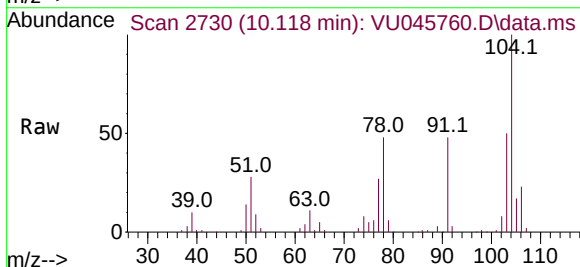
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

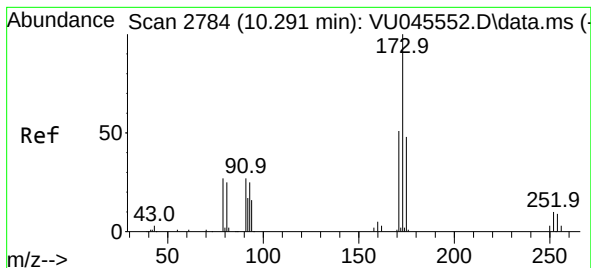
Tgt Ion:106 Resp: 46736
Ion Ratio Lower Upper
106 100
91 220.3 108.7 326.3



#70
Styrene
Concen: 20.071 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.004 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

Tgt Ion:104 Resp: 79729
Ion Ratio Lower Upper
104 100
78 51.3 41.8 62.6
103 52.8 43.8 65.6





#71

Bromoform

Concen: 19.918 ug/l

RT: 10.295 min Scan# 21

Delta R.T. 0.004 min

Lab File: VU045760.D

Acq: 12 Nov 2021 11:43

Instrument :

MSVOA_U

ClientSampleId :

VU1112WBSD01

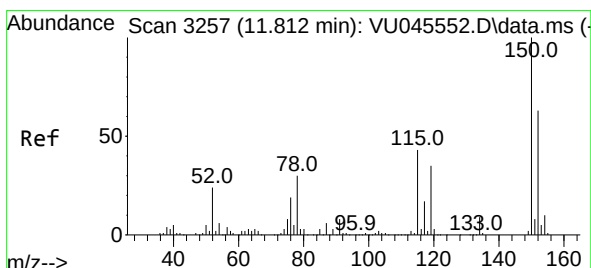
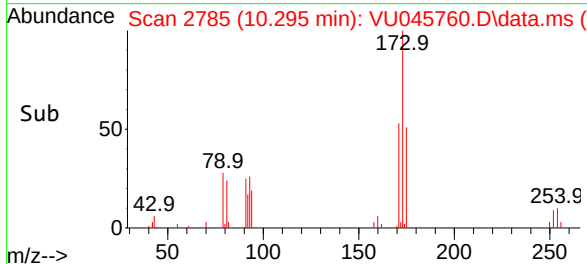
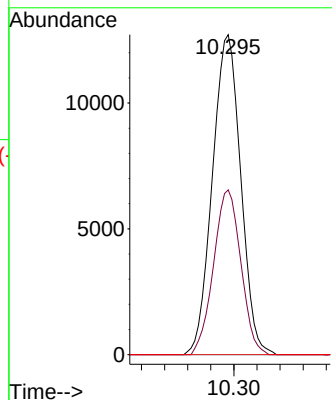
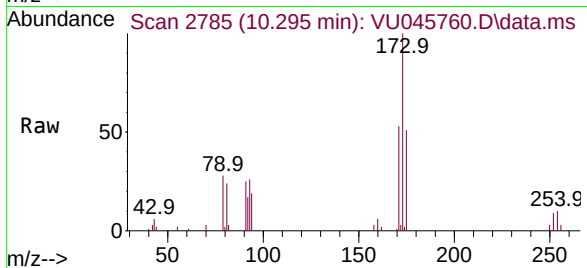
Tgt Ion:173 Resp: 21655

Ion Ratio Lower Upper

173 100

175 49.6 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. 0.004 min

Lab File: VU045760.D

Acq: 12 Nov 2021 11:43

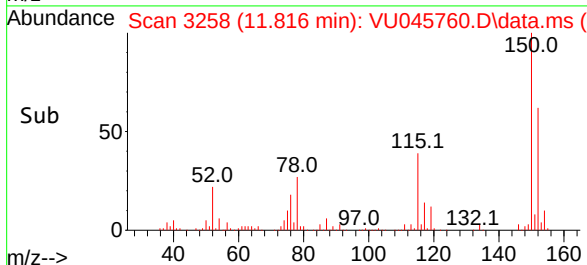
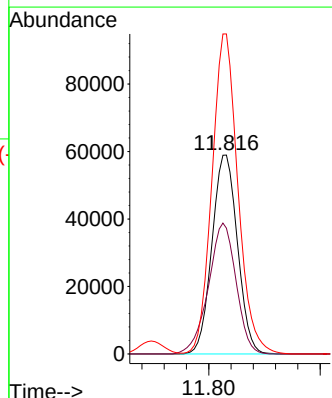
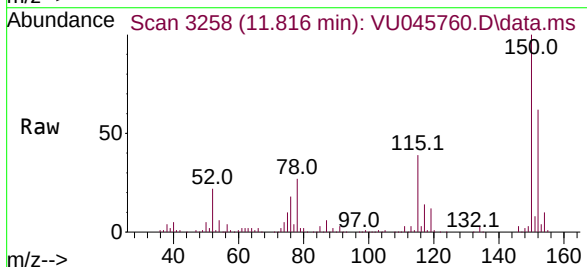
Tgt Ion:152 Resp: 93588

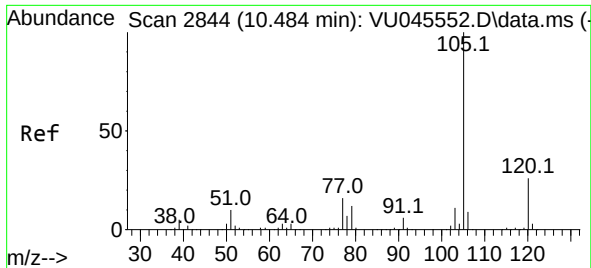
Ion Ratio Lower Upper

152 100

115 71.3 42.7 128.1

150 164.1 0.0 346.8

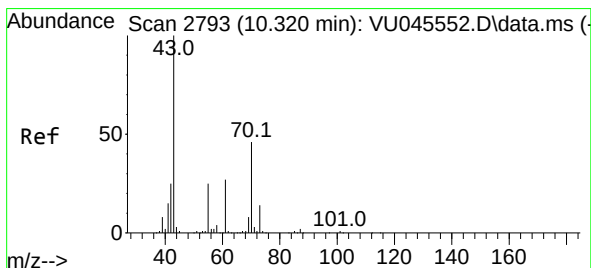
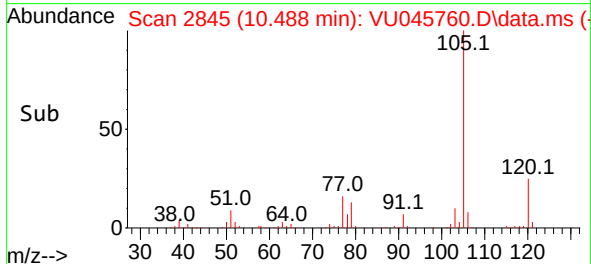
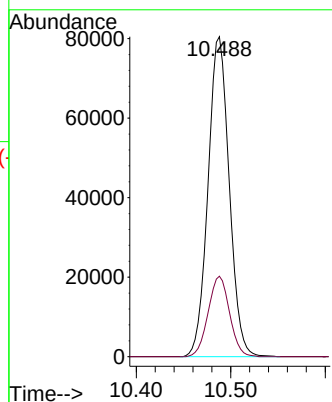
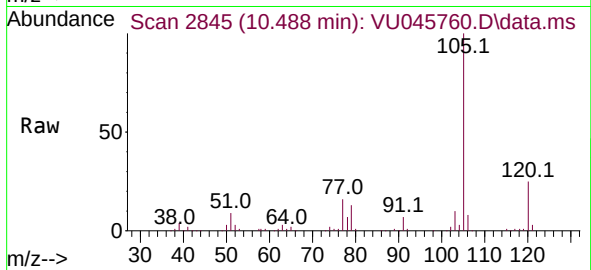




#73
Isopropylbenzene
Concen: 20.493 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.004 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

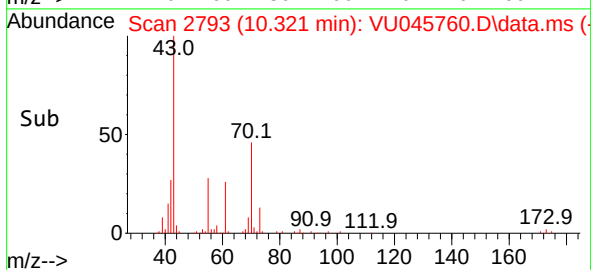
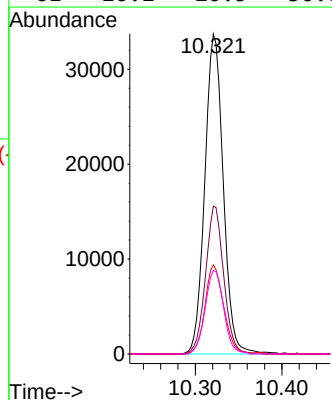
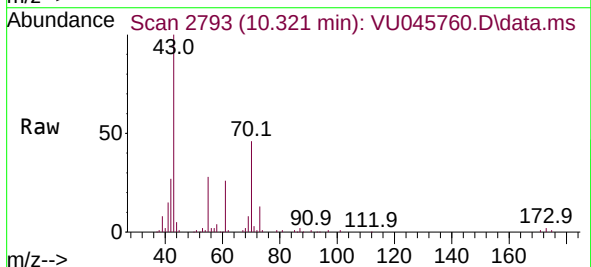
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

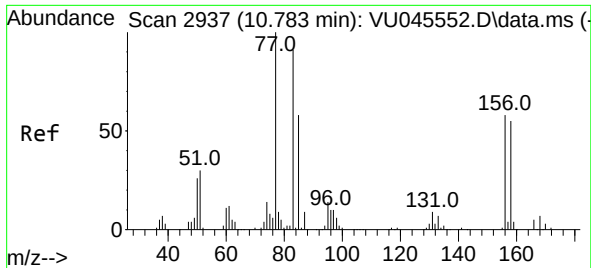
Tgt Ion:105 Resp: 125315
Ion Ratio Lower Upper
105 100
120 25.3 12.9 38.6



#74
N-ethyl acetate
Concen: 18.135 ug/l
RT: 10.321 min Scan# 2793
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

Tgt Ion: 43 Resp: 50028
Ion Ratio Lower Upper
43 100
70 45.5 36.9 55.3
55 28.1 20.6 31.0
61 26.2 20.5 30.7

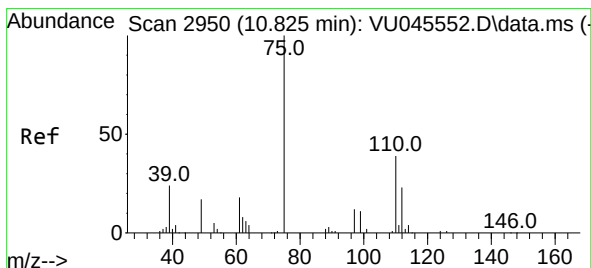
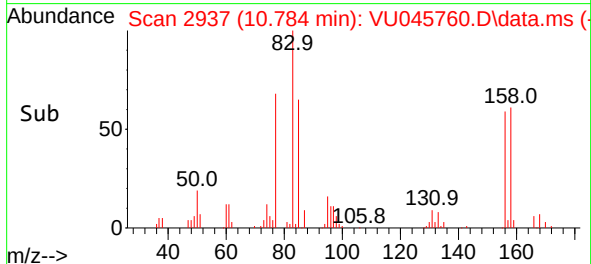
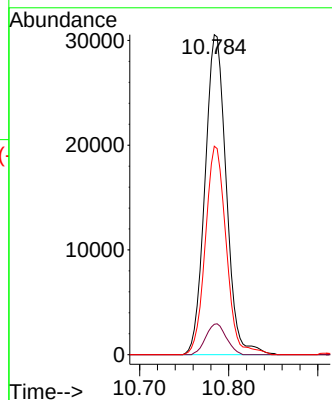
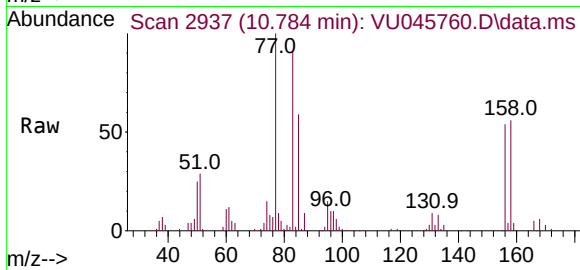




#75
1,1,2,2-Tetrachloroethane
Concen: 20.838 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

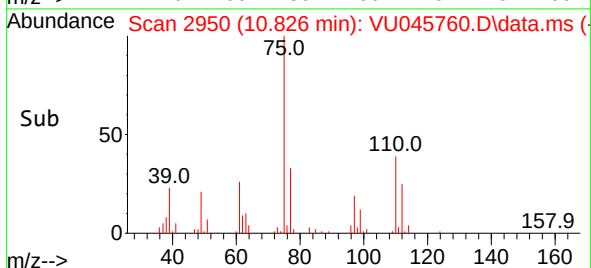
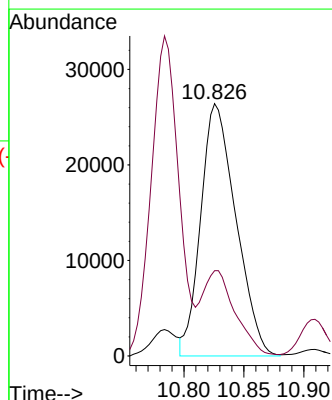
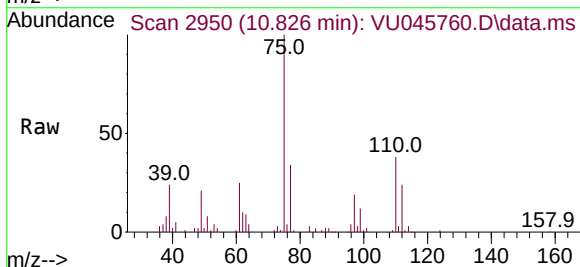
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

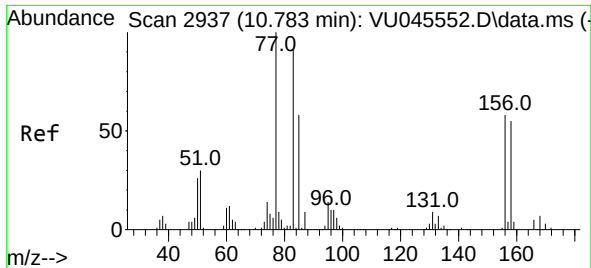
Tgt Ion: 83 Resp: 50485
Ion Ratio Lower Upper
83 100
131 9.3 4.4 13.2
85 64.1 31.9 95.9



#76
1,2,3-Trichloropropane
Concen: 19.002 ug/l
RT: 10.826 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

Tgt Ion: 75 Resp: 53931
Ion Ratio Lower Upper
75 100
77 31.7 17.1 51.3

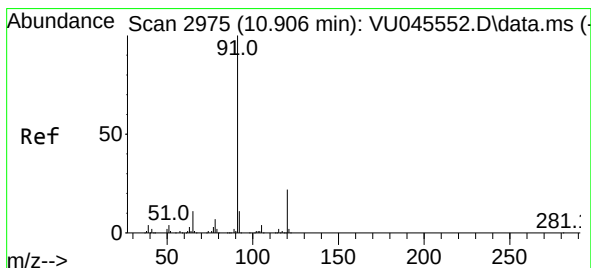
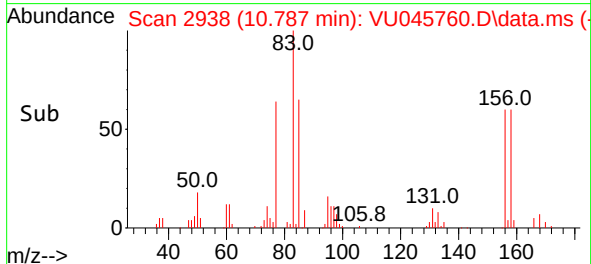
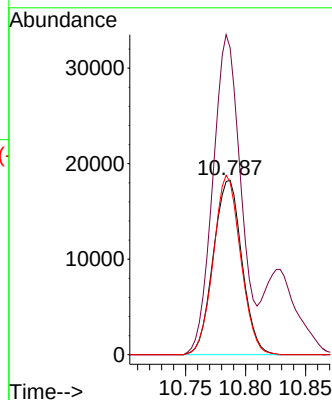
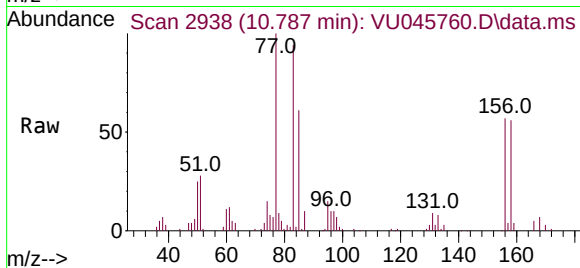




#77
Bromobenzene
Concen: 20.374 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.004 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

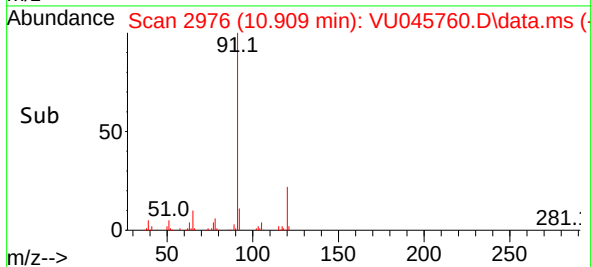
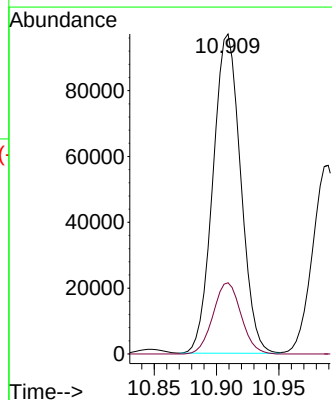
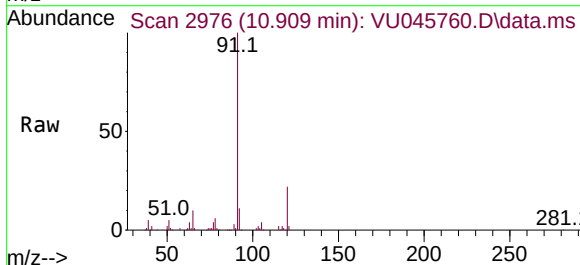
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

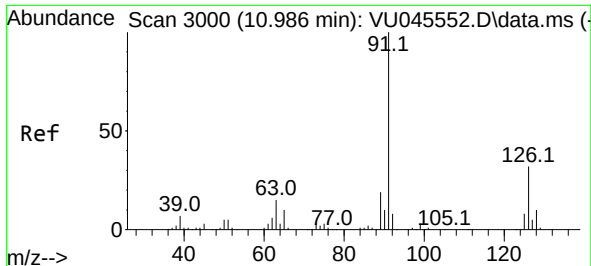
Tgt Ion:156 Resp: 30249
Ion Ratio Lower Upper
156 100
77 178.6 91.1 273.4
158 98.2 47.9 143.6



#78
n-propylbenzene
Concen: 19.732 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.004 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

Tgt Ion: 91 Resp: 150173
Ion Ratio Lower Upper
91 100
120 22.6 10.9 32.7

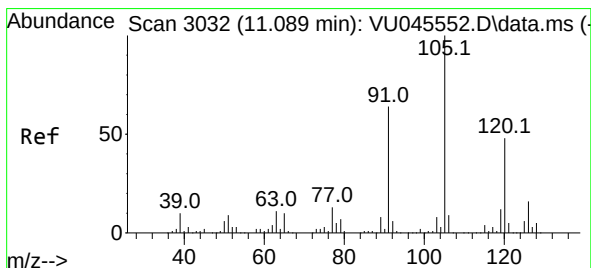
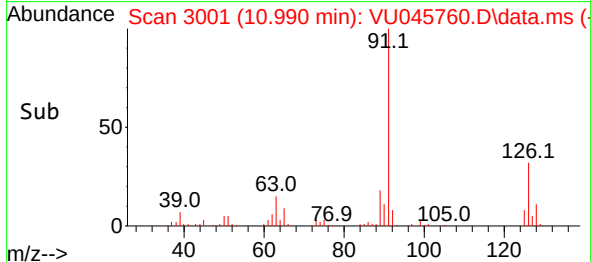
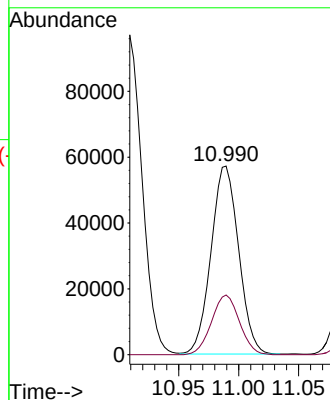
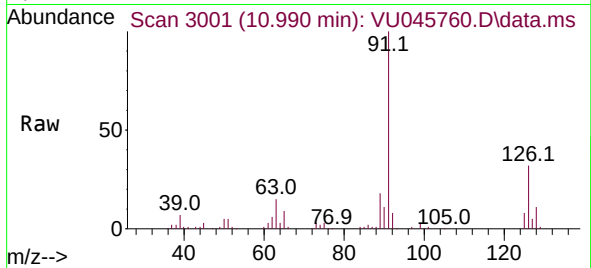




#79
2-Chlorotoluene
Concen: 20.342 ug/l
RT: 10.990 min Scan# 3001
Delta R.T. 0.004 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

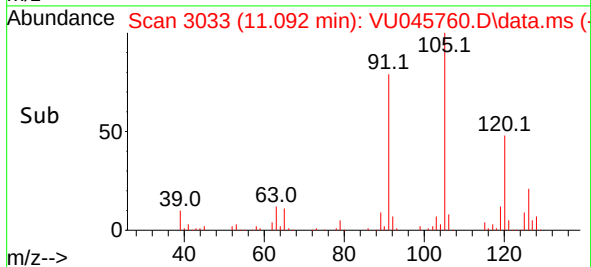
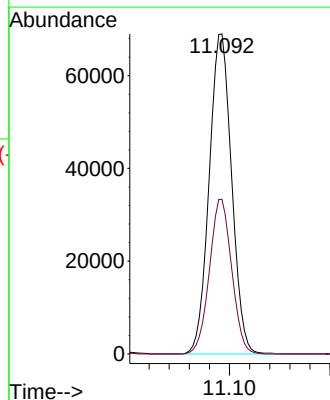
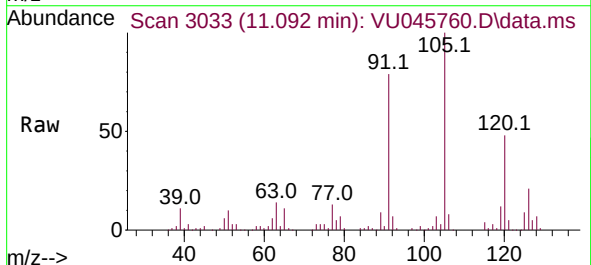
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

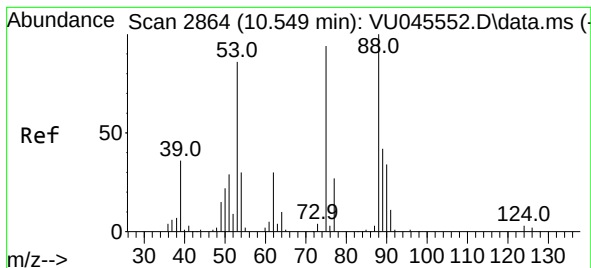
Tgt Ion: 91 Resp: 91465
Ion Ratio Lower Upper
91 100
126 32.1 15.6 46.8



#80
1,3,5-Trimethylbenzene
Concen: 20.012 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.004 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

Tgt Ion: 105 Resp: 106919
Ion Ratio Lower Upper
105 100
120 47.9 23.9 71.8

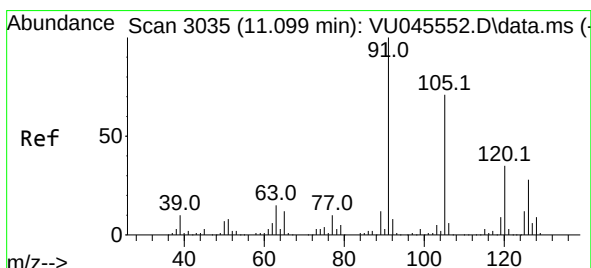
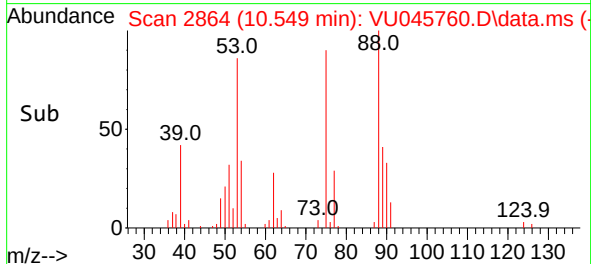
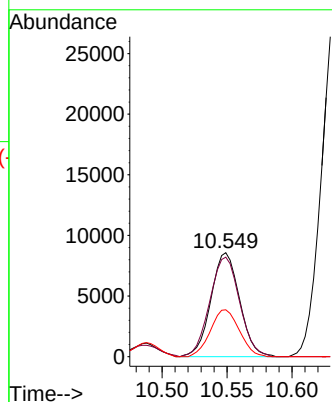
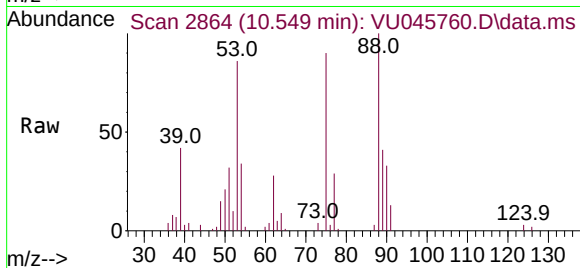




#81
trans-1,4-Dichloro-2-butene
Concen: 17.266 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

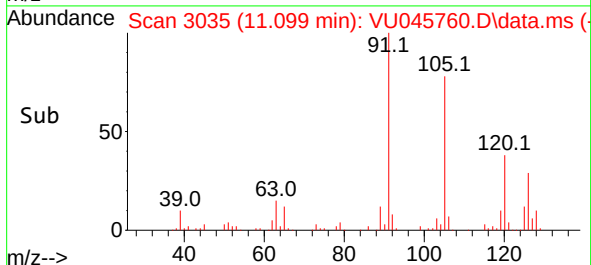
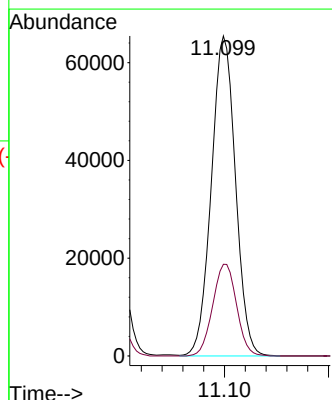
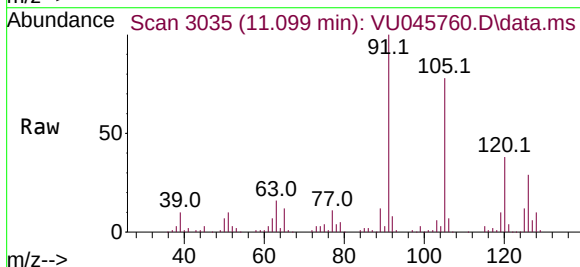
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

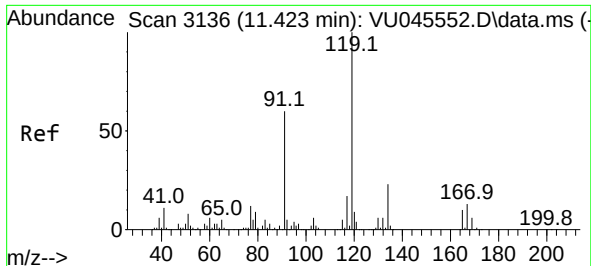
Tgt Ion:	75	Resp:	13153
Ion Ratio	Lower	Upper	
75	100		
53	99.6	76.2	114.4
89	45.5	34.0	51.0



#82
4-Chlorotoluene
Concen: 20.015 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

Tgt Ion:	91	Resp:	105542
Ion Ratio	Lower	Upper	
91	100		
126	28.3	13.8	41.4

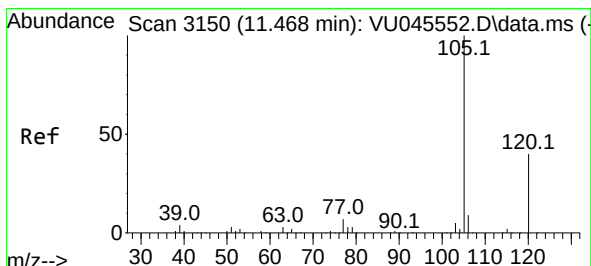
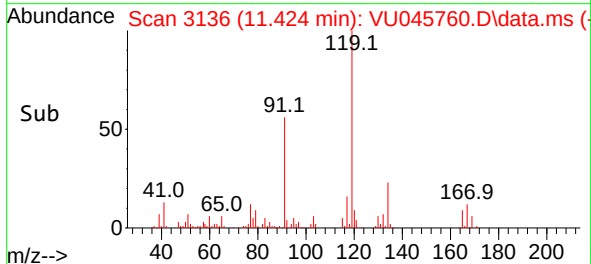
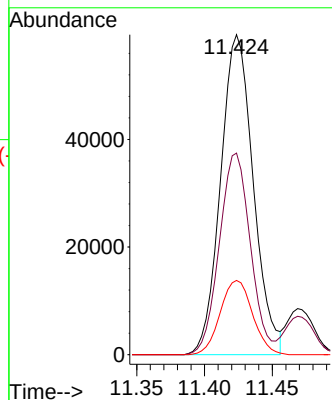
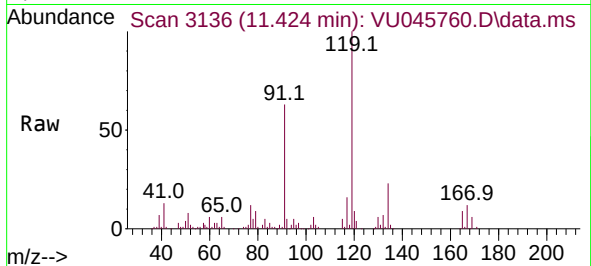




#83
tert-Butylbenzene
Concen: 19.616 ug/l
RT: 11.424 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

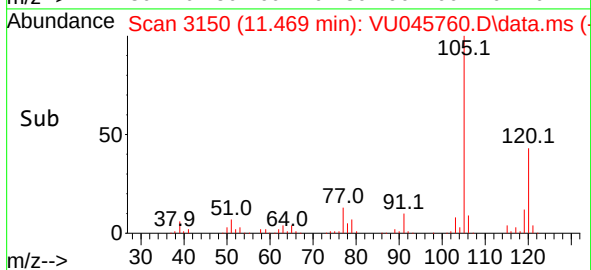
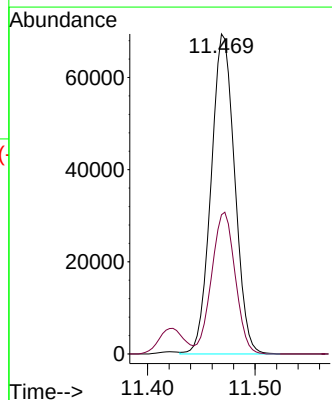
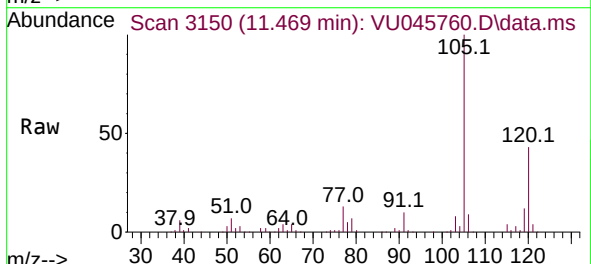
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

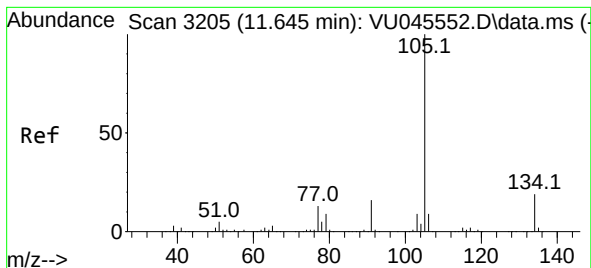
Tgt Ion:119 Resp: 99905
Ion Ratio Lower Upper
119 100
91 59.9 30.5 91.5
134 23.0 11.5 34.5



#84
1,2,4-Trimethylbenzene
Concen: 19.982 ug/l
RT: 11.469 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

Tgt Ion:105 Resp: 106102
Ion Ratio Lower Upper
105 100
120 44.3 22.2 66.6





#85

sec-Butylbenzene

Concen: 19.717 ug/l

RT: 11.645 min Scan# 3205

Delta R.T. 0.000 min

Lab File: VU045760.D

Acq: 12 Nov 2021 11:43

Instrument :

MSVOA_U

ClientSampleId :

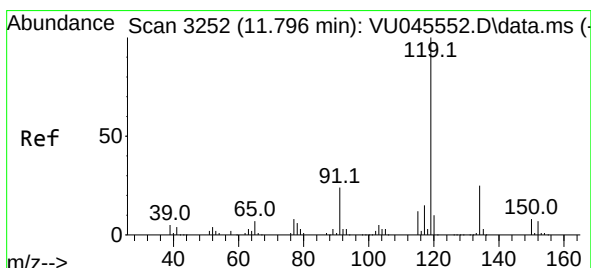
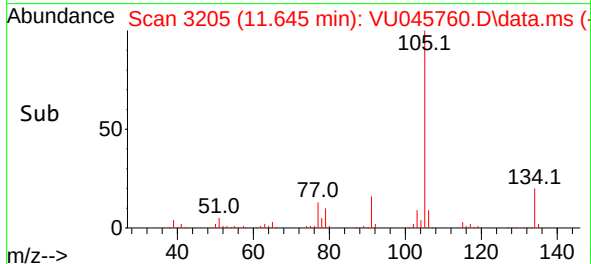
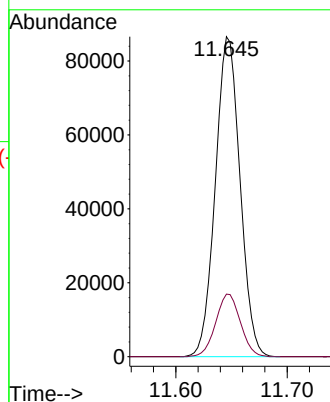
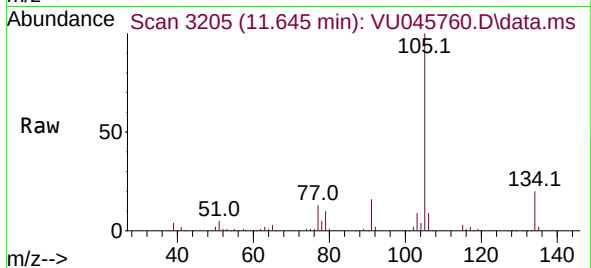
VU1112WBSD01

Tgt Ion:105 Resp: 133180

Ion Ratio Lower Upper

105 100

134 19.6 9.4 28.3



#86

p-Isopropyltoluene

Concen: 19.719 ug/l

RT: 11.797 min Scan# 3252

Delta R.T. 0.000 min

Lab File: VU045760.D

Acq: 12 Nov 2021 11:43

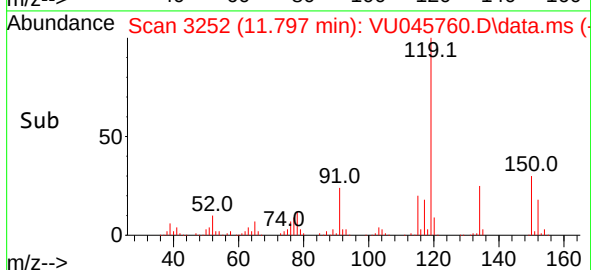
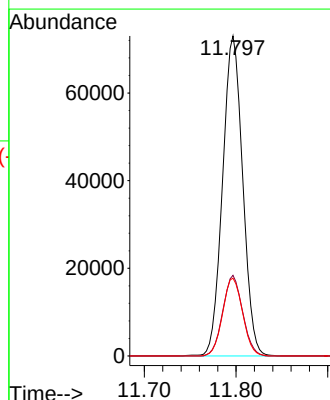
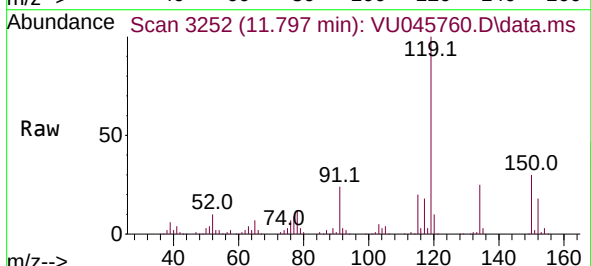
Tgt Ion:119 Resp: 111301

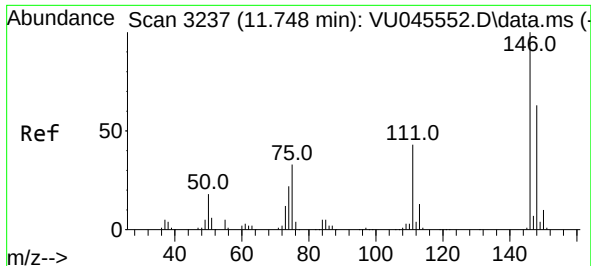
Ion Ratio Lower Upper

119 100

134 24.8 12.7 38.1

91 24.1 12.2 36.4

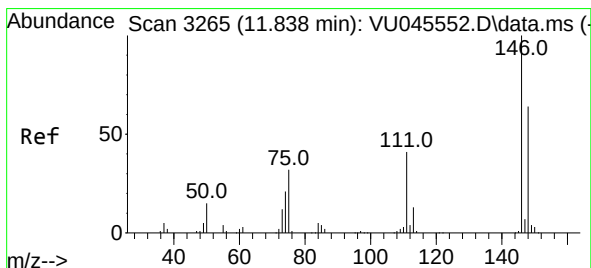
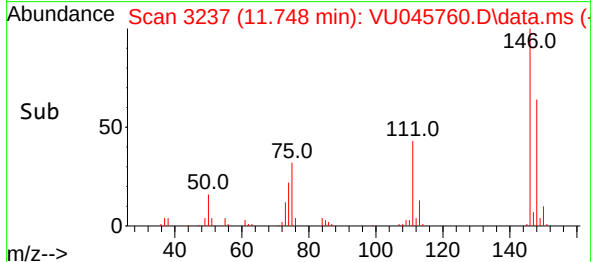
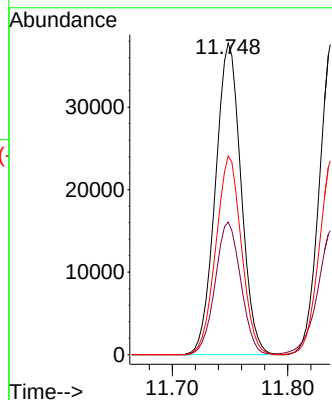
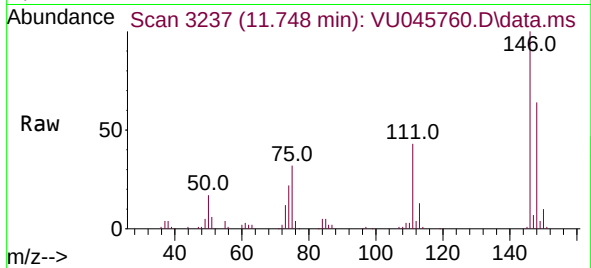




#87
1,3-Dichlorobenzene
Concen: 19.414 ug/l
RT: 11.748 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

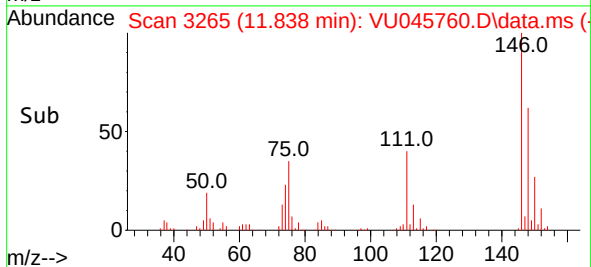
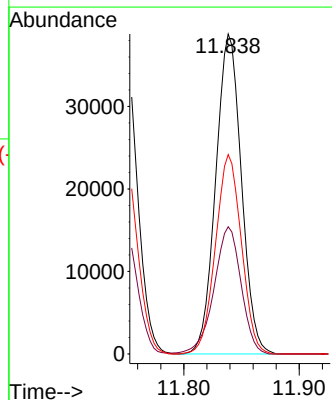
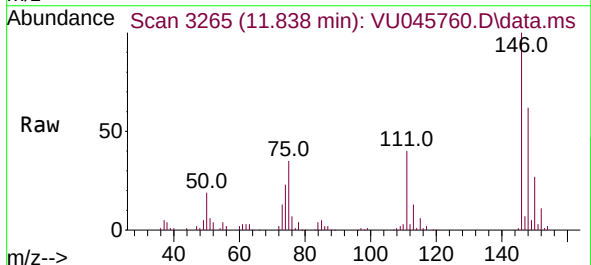
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

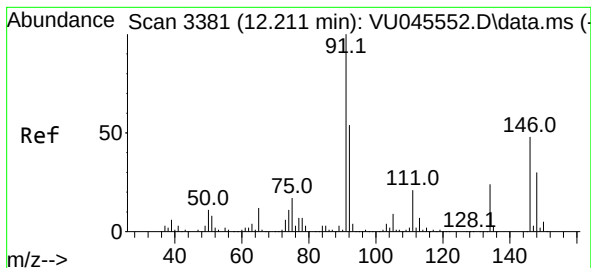
Tgt Ion:146 Resp: 58157
Ion Ratio Lower Upper
146 100
111 42.6 21.3 63.9
148 63.6 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 19.782 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

Tgt Ion:146 Resp: 59933
Ion Ratio Lower Upper
146 100
111 42.0 20.6 61.9
148 62.9 31.9 95.7





#89

n-Butylbenzene

Concen: 18.252 ug/l

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU045760.D

Acq: 12 Nov 2021 11:43

Instrument :

MSVOA_U

ClientSampleId :

VU1112WBSD01

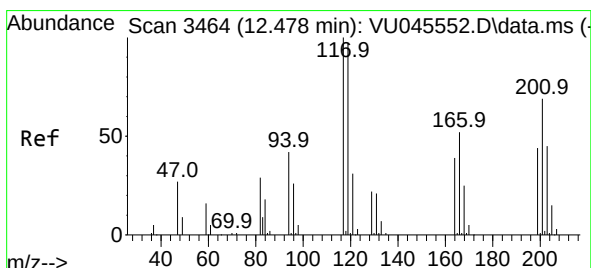
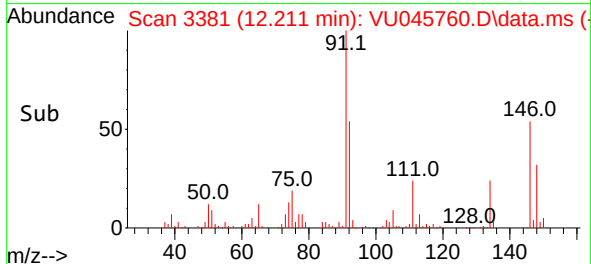
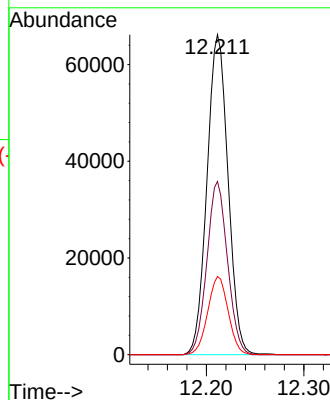
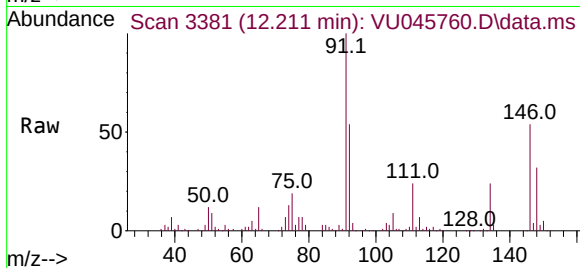
Tgt Ion: 91 Resp: 99236

Ion Ratio Lower Upper

91 100

92 53.1 27.1 81.2

134 23.8 11.8 35.4



#90

Hexachloroethane

Concen: 17.753 ug/l

RT: 12.478 min Scan# 3464

Delta R.T. 0.000 min

Lab File: VU045760.D

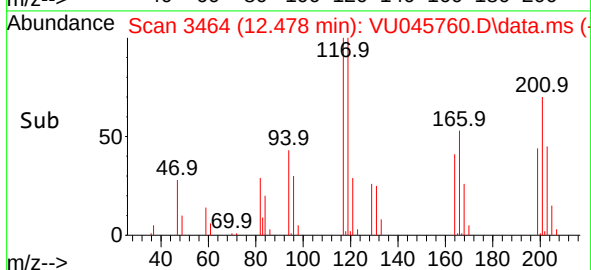
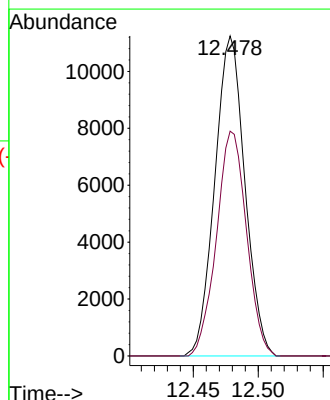
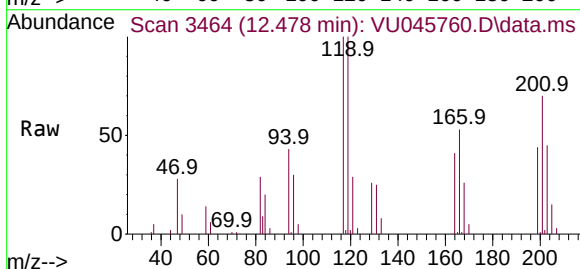
Acq: 12 Nov 2021 11:43

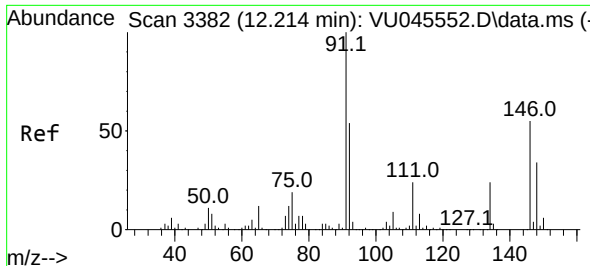
Tgt Ion: 117 Resp: 18077

Ion Ratio Lower Upper

117 100

201 70.1 33.8 101.4

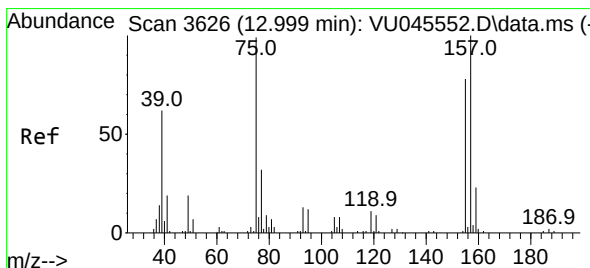
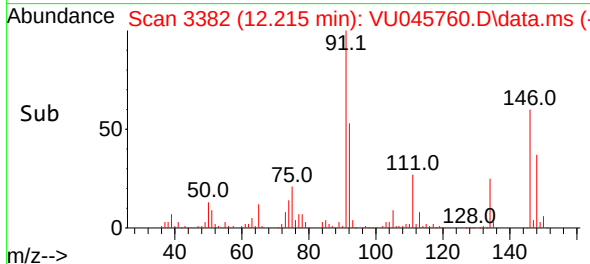
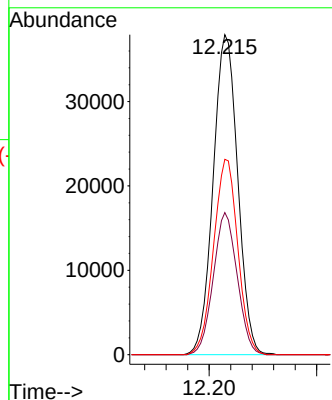
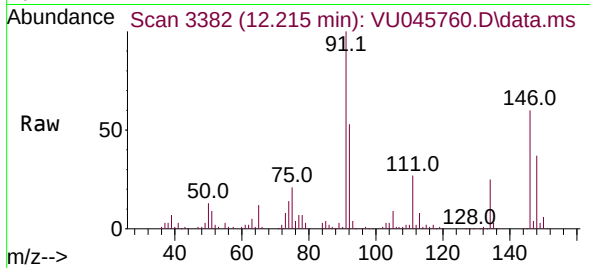




#91
1,2-Dichlorobenzene
Concen: 20.646 ug/l
RT: 12.215 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

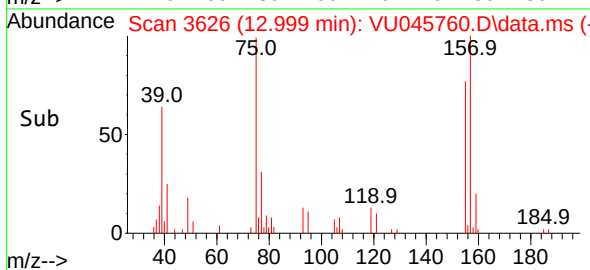
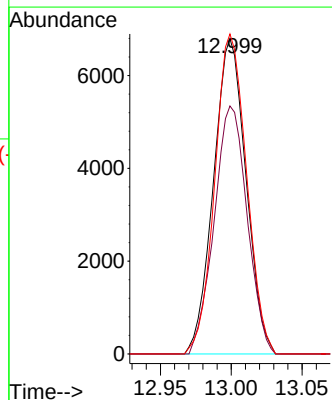
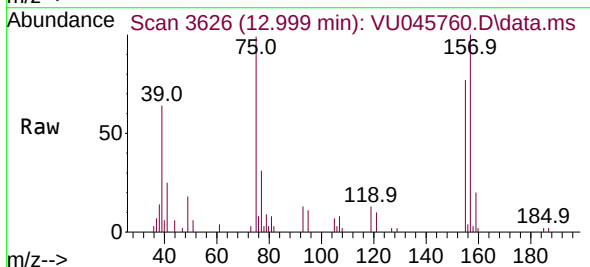
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

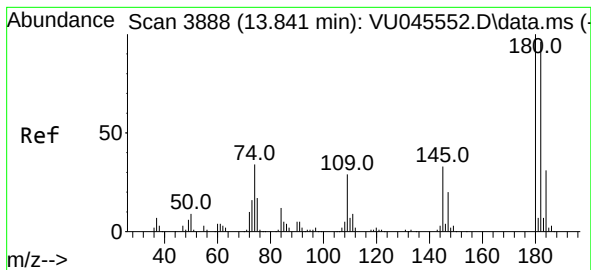
Tgt Ion:146 Resp: 60172
Ion Ratio Lower Upper
146 100
111 43.2 21.9 65.5
148 60.3 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.936 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

Tgt Ion: 75 Resp: 10825
Ion Ratio Lower Upper
75 100
155 79.8 37.8 113.3
157 99.3 48.4 145.2





#93

1,2,4-Trichlorobenzene

Concen: 17.984 ug/l

RT: 13.842 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU045760.D

Acq: 12 Nov 2021 11:43

Instrument :

MSVOA_U

ClientSampleId :

VU1112WBSD01

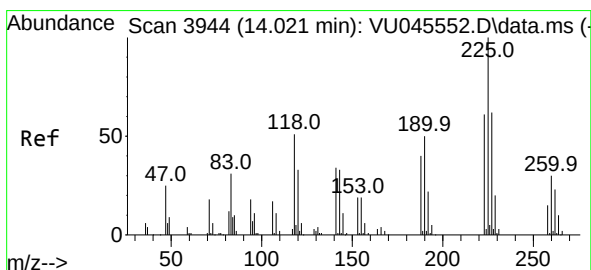
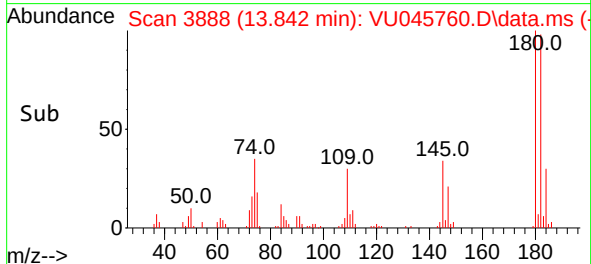
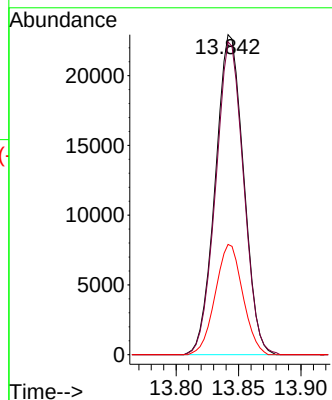
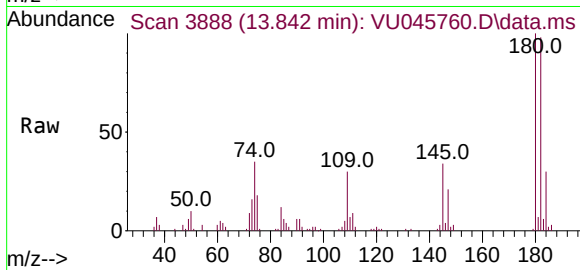
Tgt Ion:180 Resp: 36240

Ion Ratio Lower Upper

180 100

182 96.4 47.0 141.2

145 33.5 15.6 46.7



#94

Hexachlorobutadiene

Concen: 17.873 ug/l

RT: 14.025 min Scan# 3945

Delta R.T. 0.004 min

Lab File: VU045760.D

Acq: 12 Nov 2021 11:43

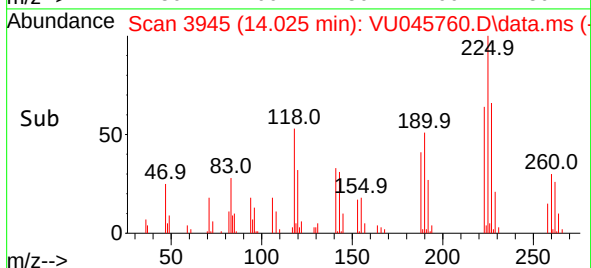
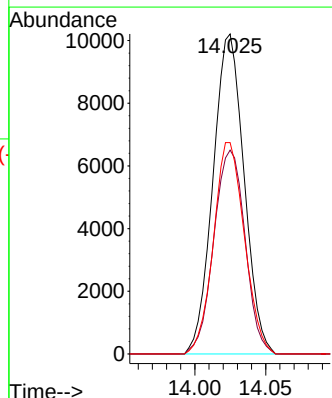
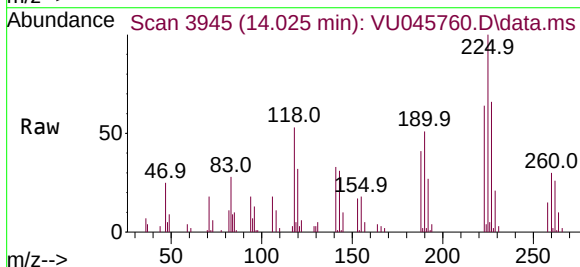
Tgt Ion:225 Resp: 15547

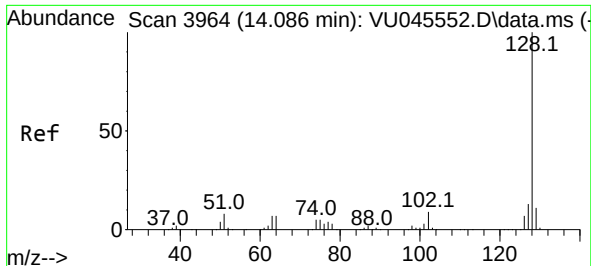
Ion Ratio Lower Upper

225 100

223 64.1 32.0 96.2

227 65.9 31.1 93.5

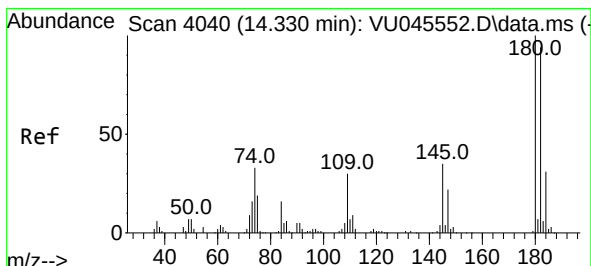
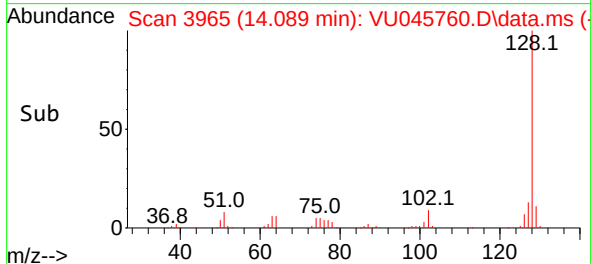
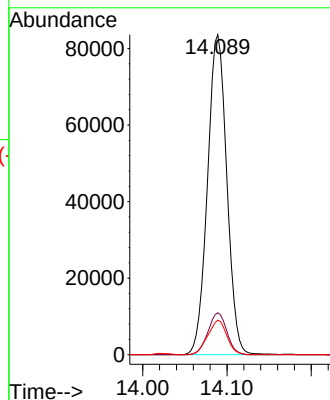
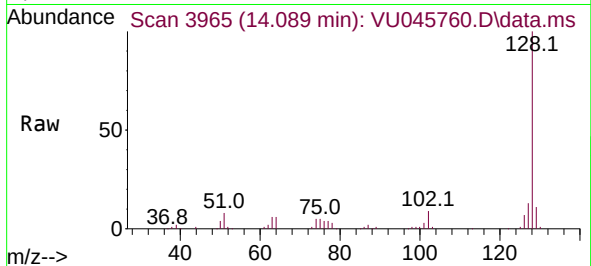




#95
Naphthalene
Concen: 18.287 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

Tgt Ion:128 Resp: 133493
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 10.6 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.284 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.004 min
Lab File: VU045760.D
Acq: 12 Nov 2021 11:43

Tgt Ion:180 Resp: 38598
Ion Ratio Lower Upper
180 100
182 96.2 47.7 143.1
145 35.7 16.7 50.0

