

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121521\
 Data File : VU046387.D
 Acq On : 15 Dec 2021 10:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 16 02:21:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 15 03:40:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	141109	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	145210	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	81205	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	49992	43.008	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.020%
7) Chloroethane-d5	1.922	69	38273	42.884	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.760%
11) 1,1-Dichloroethene-d2	2.578	63	87502	41.933	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.860%
21) 2-Butanone-d5	4.642	46	98507	106.605	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.600%
24) Chloroform-d	5.070	84	101817	52.453	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.900%
26) 1,2-Dichloroethane-d4	5.707	65	67140	51.539	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.080%
32) Benzene-d6	5.732	84	185361	44.537	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.080%
36) 1,2-Dichloropropane-d6	6.694	67	60999	47.291	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.580%
41) Toluene-d8	7.903	98	165023	43.548	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.100%
43) trans-1,3-Dichloroprop...	8.182	79	30066	48.286	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.580%
47) 2-Hexanone-d5	8.639	63	73730	120.558	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.560%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	101978	52.132	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.260%
66) 1,2-Dichlorobenzene-d4	12.195	152	69634	44.527	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.060%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	59678	38.872	ug/L	99
3) Chloromethane	1.527	50	51940	37.825	ug/L	99
5) Vinyl chloride	1.610	62	55814	40.311	ug/L	100
6) Bromomethane	1.864	94	32144	40.960	ug/L	97
8) Chloroethane	1.941	64	34539	43.084	ug/L	100
9) Trichlorofluoromethane	2.147	101	87431	48.368	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	49537	48.246	ug/L	98
12) 1,1-Dichloroethene	2.588	96	42820	43.887	ug/L	95
13) Acetone	2.662	43	99051	85.770	ug/L	100
14) Carbon disulfide	2.800	76	94664	31.272	ug/L	99
15) Methyl Acetate	2.961	43	66559	49.440	ug/L	100
16) Methylene chloride	3.054	84	54565	47.005	ug/L	98
17) trans-1,2-Dichloroethene	3.363	96	45344	43.915	ug/L	99
18) Methyl tert-butyl Ether	3.369	73	171941	54.034	ug/L	99
19) 1,1-Dichloroethane	3.877	63	95549	50.895	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	54945	49.042	ug/L	100
22) 2-Butanone	4.723	43	113540	90.314	ug/L	97
23) Bromochloromethane	4.980	128	29282	51.749	ug/L	96
25) Chloroform	5.096	83	105062	50.368	ug/L	98

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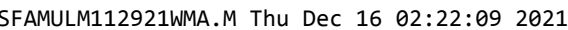
Instrument :
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 ClientSampleId :

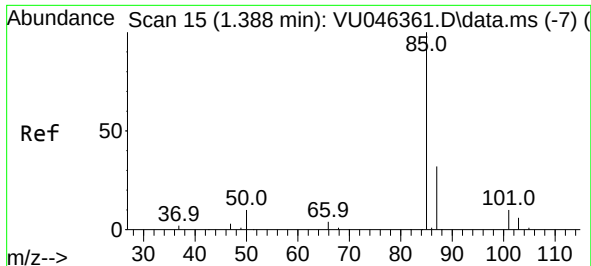
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	82915	53.567	ug/L	98
29) Cyclohexane	5.395	56	65845	38.941	ug/L	98
30) 1,1,1-Trichloroethane	5.321	97	89649	50.295	ug/L	99
31) Carbon tetrachloride	5.530	117	74167	49.012	ug/L	99
33) Benzene	5.781	78	209503	47.669	ug/L	100
34) Trichloroethene	6.546	95	52769	45.576	ug/L	96
35) Methylcyclohexane	6.768	83	71485	39.819	ug/L	98
37) 1,2-Dichloropropane	6.797	63	58332	50.667	ug/L	99
38) Bromodichloromethane	7.108	83	79703	52.085	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	89606	51.161	ug/L	99
40) 4-Methyl-2-pentanone	7.797	43	178560	105.562	ug/L	99
42) Toluene	7.973	91	228577	48.470	ug/L	98
44) trans-1,3-Dichloropropene	8.215	75	88822	51.635	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	60622	52.485	ug/L	97
46) Tetrachloroethene	8.555	164	39141	46.002	ug/L	95
48) 2-Hexanone	8.687	43	155390	102.719	ug/L	99
49) Dibromochloromethane	8.813	129	66442	54.778	ug/L	95
50) 1,2-Dibromoethane	8.925	107	61932	49.456	ug/L	97
51) Chlorobenzene	9.449	112	148061	48.529	ug/L	99
52) Ethylbenzene	9.575	91	247758	48.816	ug/L	100
53) m,p-Xylene	9.697	106	95722	48.361	ug/L	99
54) o-xylene	10.105	106	95263	49.601	ug/L	97
55) Styrene	10.118	104	170129	51.885	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.784	83	109061	55.074	ug/L	100
59) Bromoform	10.295	173	48421	50.829	ug/L	100
60) 1,2,3-Trichloropropane	10.825	75	88903	49.943	ug/L	99
61) Isopropylbenzene	10.488	105	248994	47.127	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	215929	49.031	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	220986	50.155	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	120205	47.895	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	124331	47.934	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	123159	48.730	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	27400	57.780	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	90390	49.429	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	83712	51.586	ug/L	99
71) Naphthalene	14.089	128	323709	57.325	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	89092	53.838	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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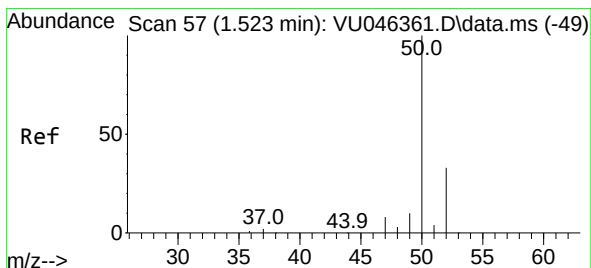
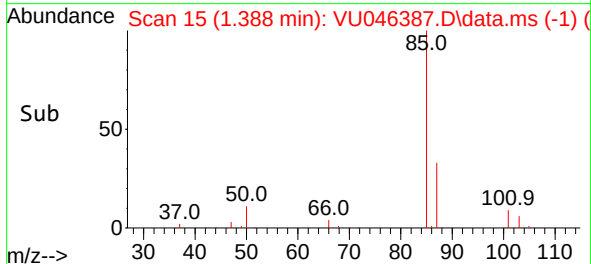
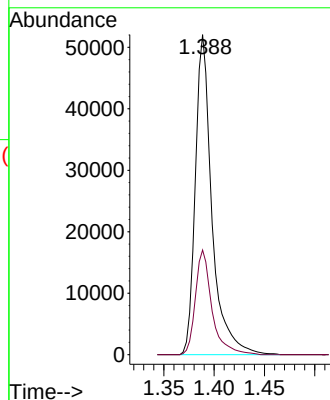
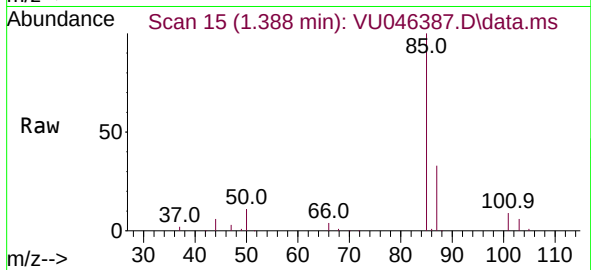




#2
Dichlorodifluoromethane
Concen: 38.872 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046387.D
Acq: 15 Dec 2021 10:56

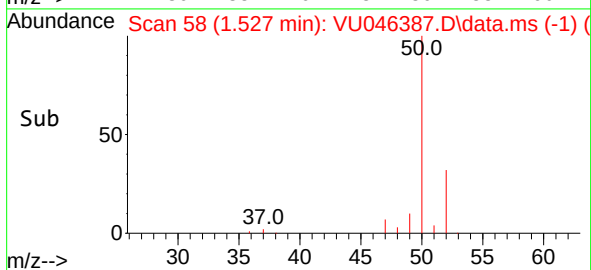
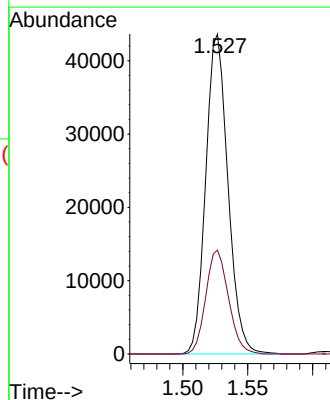
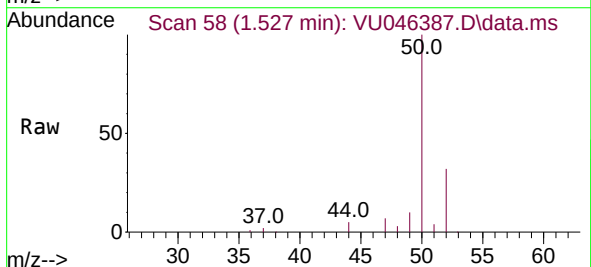
Instrument :
MSVOA_U
ClientSampleId :

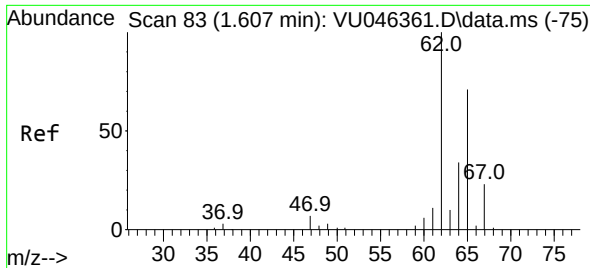
Tgt Ion: 85 Resp: 59678
Ion Ratio Lower Upper
85 100
87 32.6 25.7 38.5



#3
Chloromethane
Concen: 37.825 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU046387.D
Acq: 15 Dec 2021 10:56

Tgt Ion: 50 Resp: 51940
Ion Ratio Lower Upper
50 100
52 32.5 23.2 43.2

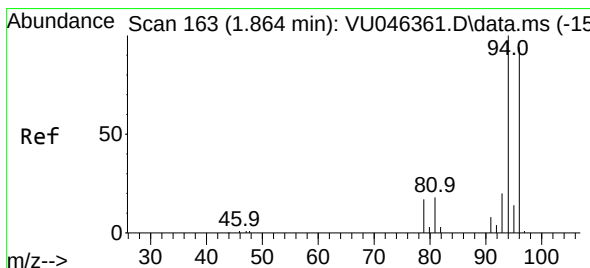
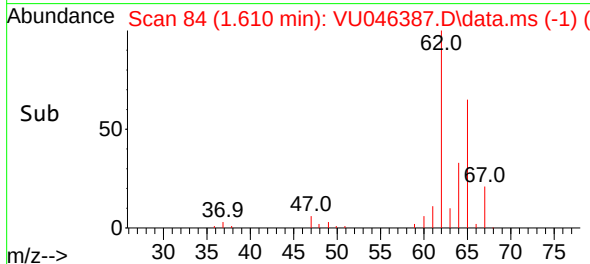
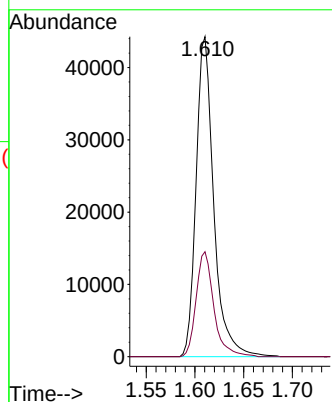
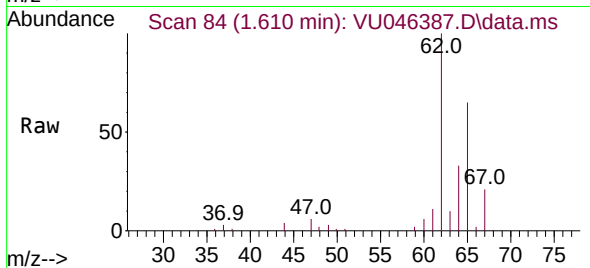




#5
 Vinyl chloride
 Concen: 40.311 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VU046387.D
 Acq: 15 Dec 2021 10:56

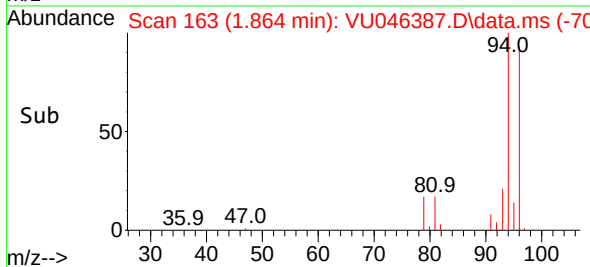
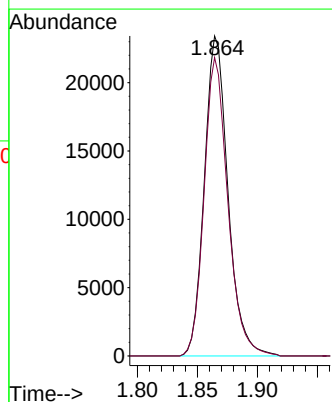
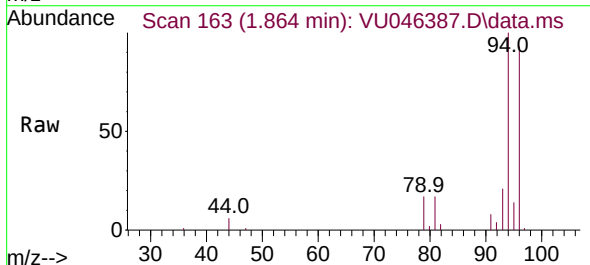
Instrument :
 MSVOA_U
 ClientSampleId :

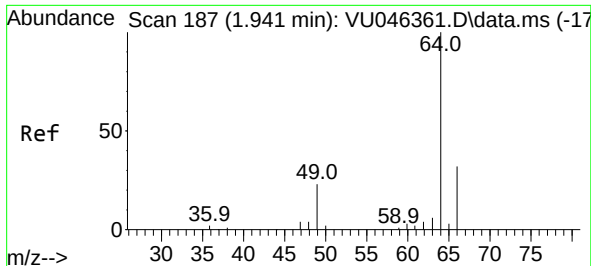
Tgt Ion: 62 Resp: 55814
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.9 42.5



#6
 Bromomethane
 Concen: 40.960 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU046387.D
 Acq: 15 Dec 2021 10:56

Tgt Ion: 94 Resp: 32144
 Ion Ratio Lower Upper
 94 100
 96 93.3 67.4 125.2

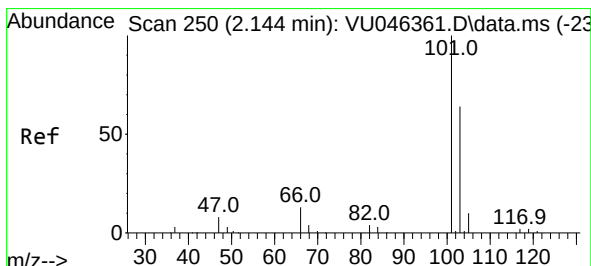
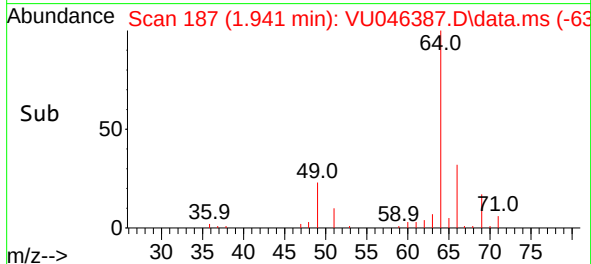
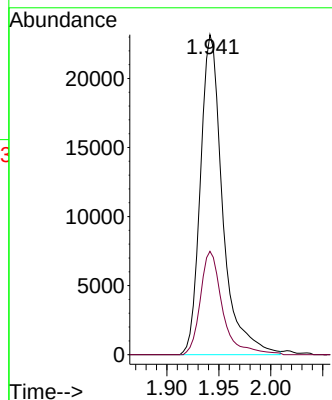
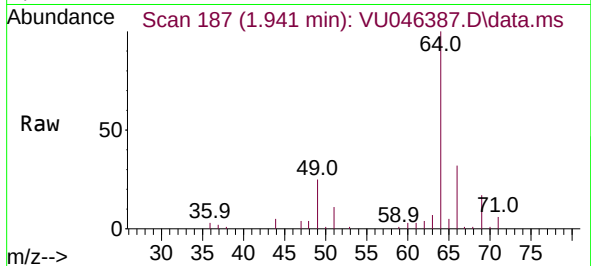




#8
Chloroethane
Concen: 43.084 ug/L
RT: 1.941 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046387.D
Acq: 15 Dec 2021 10:56

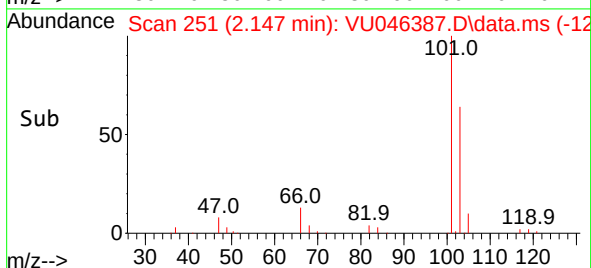
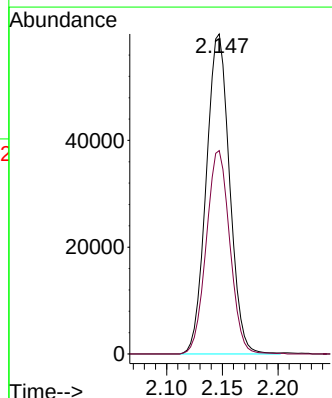
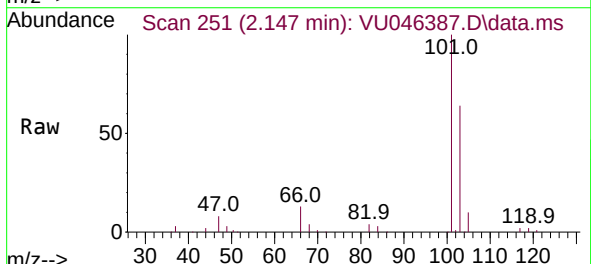
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ClientSampleId :

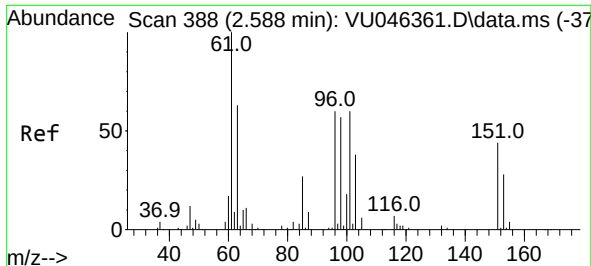
Tgt Ion: 64 Resp: 34539
Ion Ratio Lower Upper
64 100
66 32.3 22.5 41.9



#9
Trichlorofluoromethane
Concen: 48.368 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.003 min
Lab File: VU046387.D
Acq: 15 Dec 2021 10:56

Tgt Ion:101 Resp: 87431
Ion Ratio Lower Upper
101 100
103 64.1 51.8 77.6

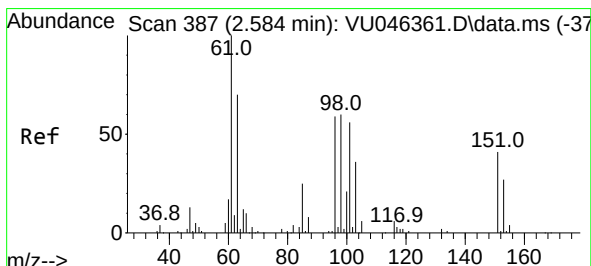
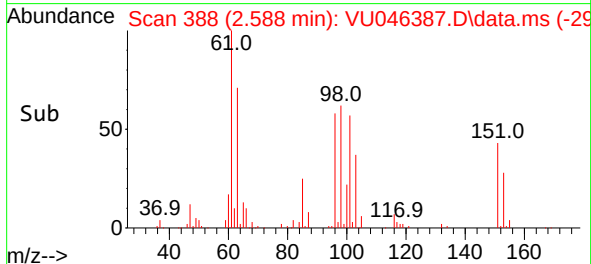
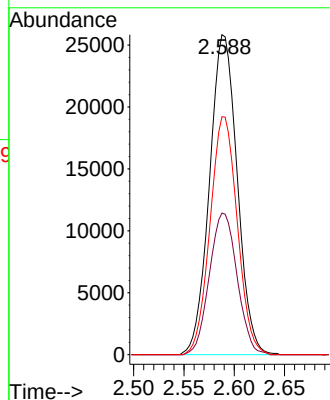
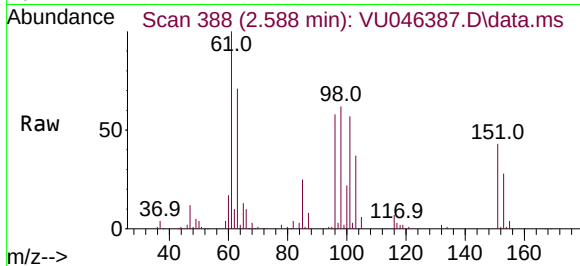




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 48.246 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU046387.D
 Acq: 15 Dec 2021 10:56

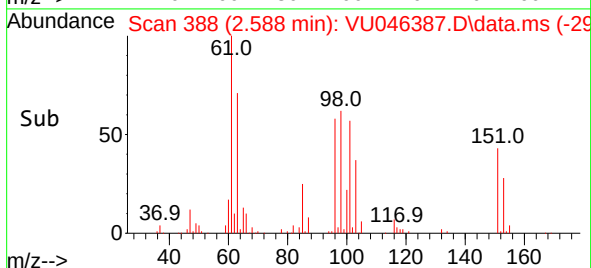
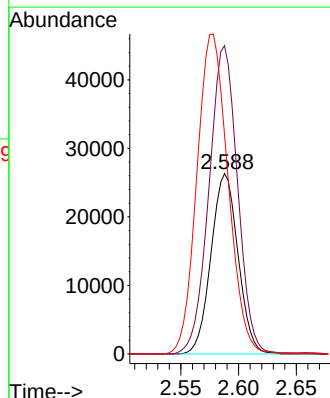
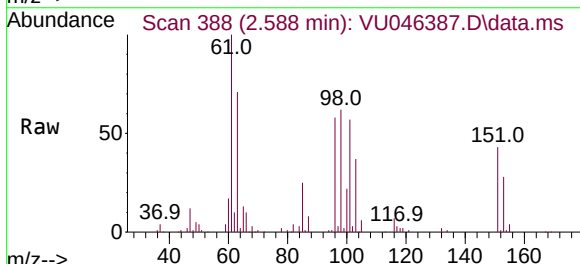
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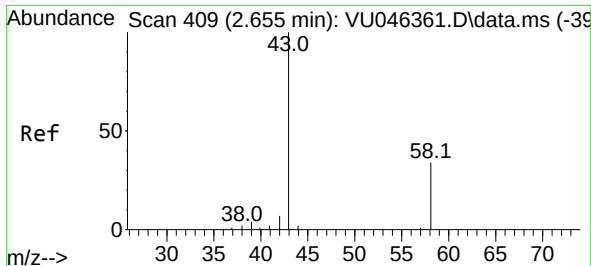
Tgt Ion:101 Resp: 49537
 Ion Ratio Lower Upper
 101 100
 85 44.2 35.1 52.7
 151 73.1 56.7 85.1



#12
 1,1-Dichloroethene
 Concen: 43.887 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.003 min
 Lab File: VU046387.D
 Acq: 15 Dec 2021 10:56

Tgt Ion: 96 Resp: 42820
 Ion Ratio Lower Upper
 96 100
 61 171.0 118.6 220.2
 63 121.6 93.0 172.8





#13

Acetone

Concen: 85.770 ug/L

RT: 2.662 min Scan# 411

Delta R.T. 0.007 min

Lab File: VU046387.D

Acq: 15 Dec 2021 10:56

Instrument :

MSVOA_U

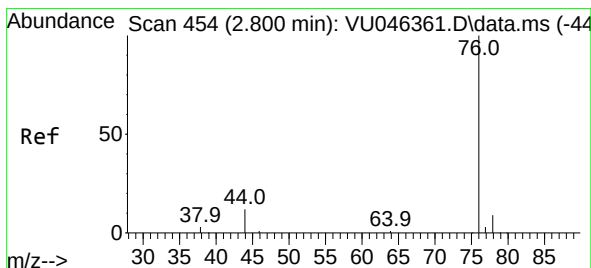
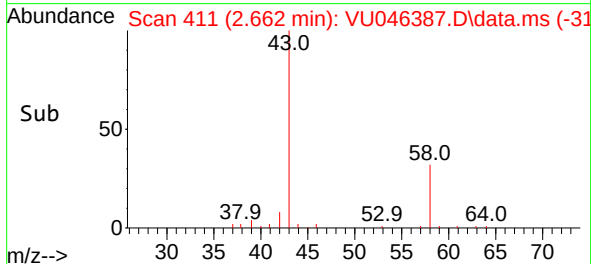
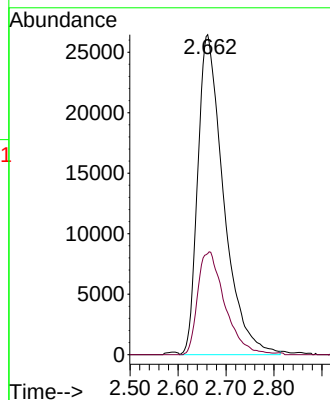
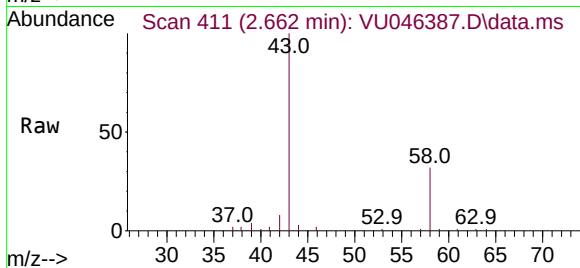
ClientSampleId :

Tgt Ion: 43 Resp: 99051

Ion Ratio Lower Upper

43 100

58 33.7 0.0 66.8



#14

Carbon disulfide

Concen: 31.272 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU046387.D

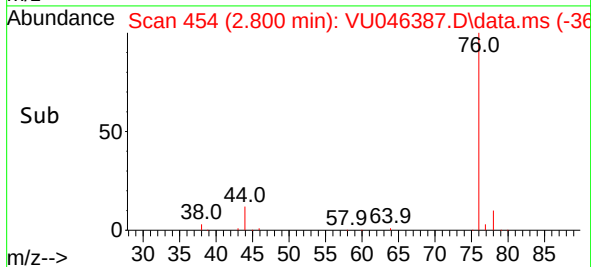
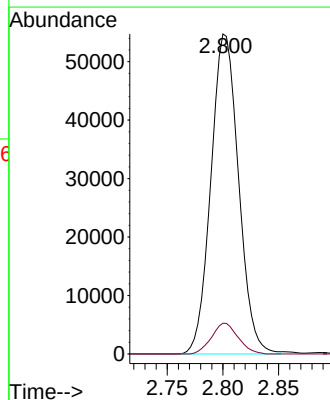
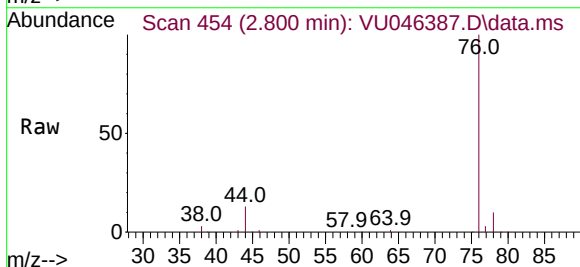
Acq: 15 Dec 2021 10:56

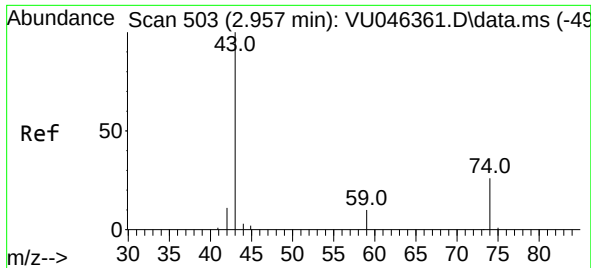
Tgt Ion: 76 Resp: 94664

Ion Ratio Lower Upper

76 100

78 9.6 7.3 10.9

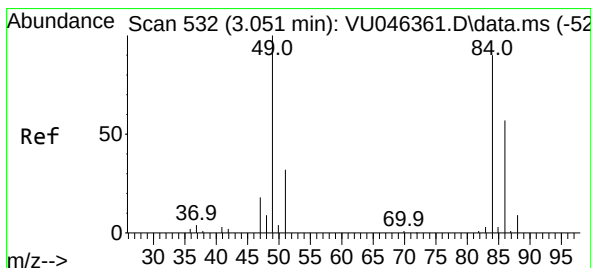
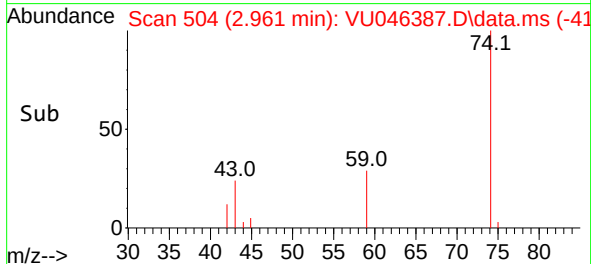
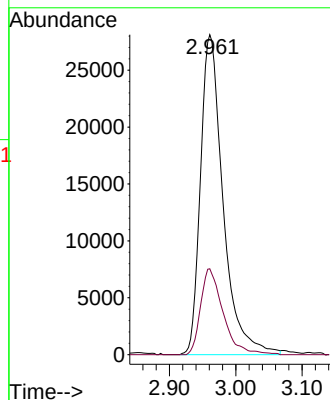
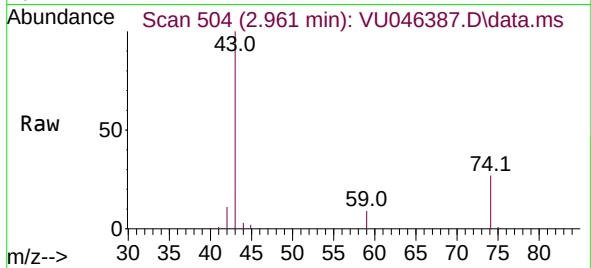




#15
Methyl Acetate
Concen: 49.440 ug/L
RT: 2.961 min Scan# 503
Delta R.T. 0.003 min
Lab File: VU046387.D
Acq: 15 Dec 2021 10:56

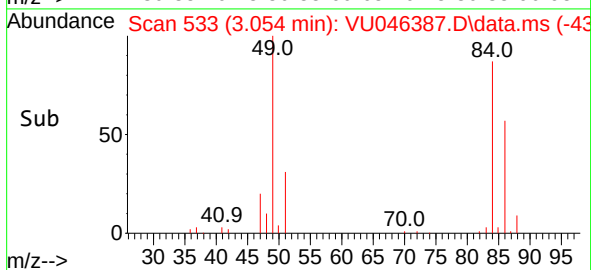
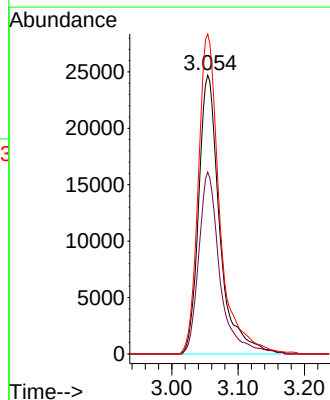
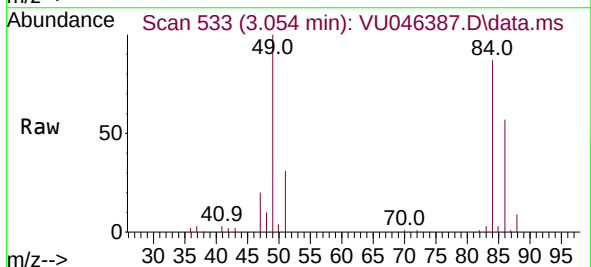
Instrument :
MSVOA_U
ClientSampleId :

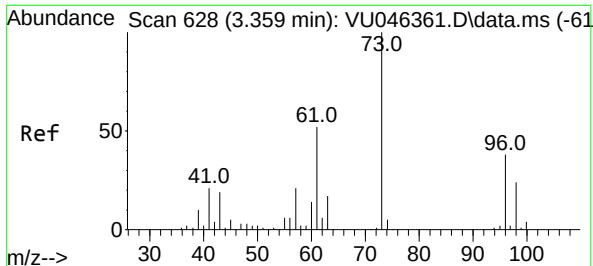
Tgt Ion: 43 Resp: 66559
Ion Ratio Lower Upper
43 100
74 26.0 20.8 31.2



#16
Methylene chloride
Concen: 47.005 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU046387.D
Acq: 15 Dec 2021 10:56

Tgt Ion: 84 Resp: 54565
Ion Ratio Lower Upper
84 100
86 65.3 44.7 83.1
49 114.8 78.4 145.6





#17

trans-1,2-Dichloroethene

Concen: 43.915 ug/L

RT: 3.363 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU046387.D

Acq: 15 Dec 2021 10:56

Instrument :

MSVOA_U

ClientSampleId :

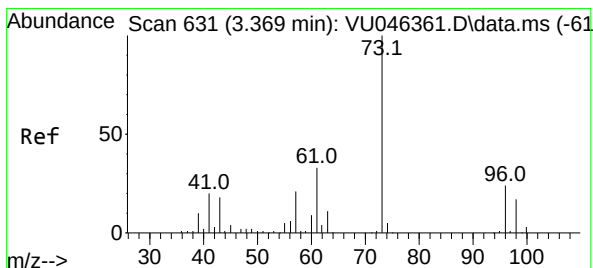
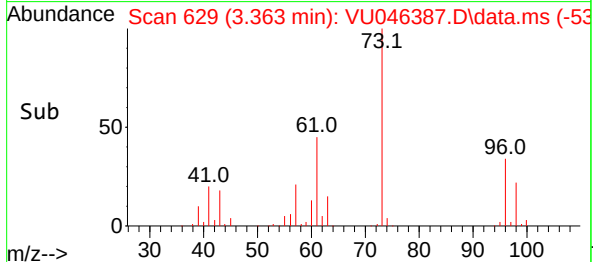
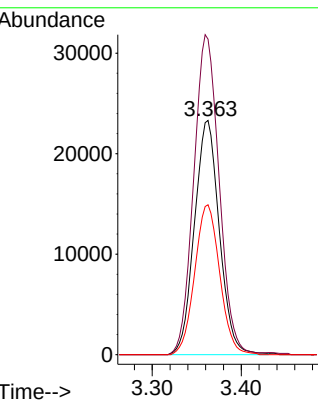
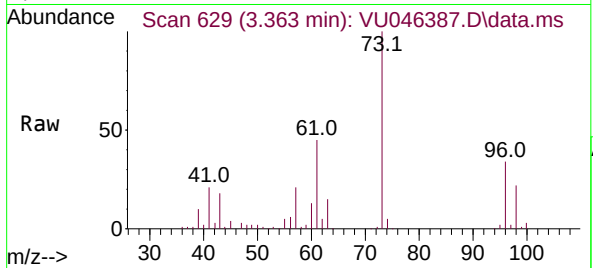
Tgt Ion: 96 Resp: 45344

Ion Ratio Lower Upper

96 100

61 134.7 94.6 175.6

98 64.0 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 54.034 ug/L

RT: 3.369 min Scan# 631

Delta R.T. 0.000 min

Lab File: VU046387.D

Acq: 15 Dec 2021 10:56

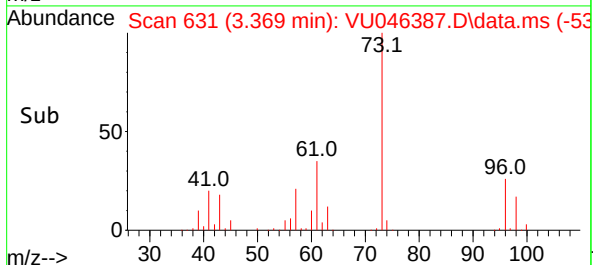
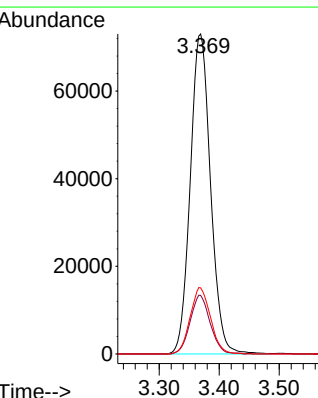
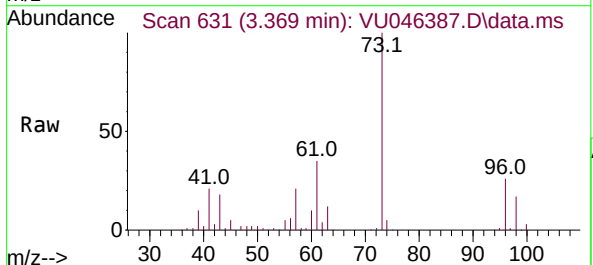
Tgt Ion: 73 Resp: 171941

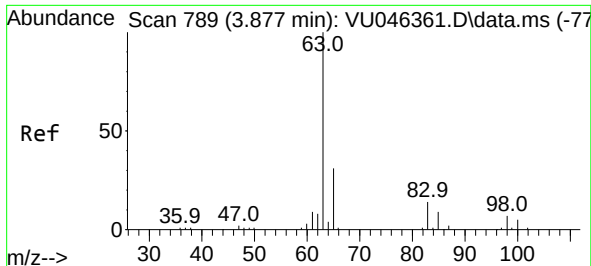
Ion Ratio Lower Upper

73 100

43 18.1 14.0 21.0

57 20.8 17.0 25.4





#19

1,1-Dichloroethane

Concen: 50.895 ug/L

RT: 3.877 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU046387.D

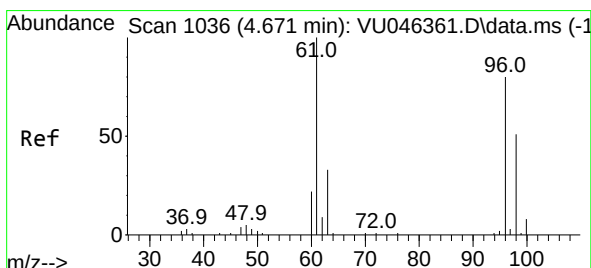
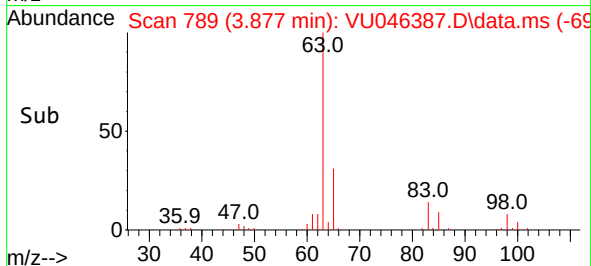
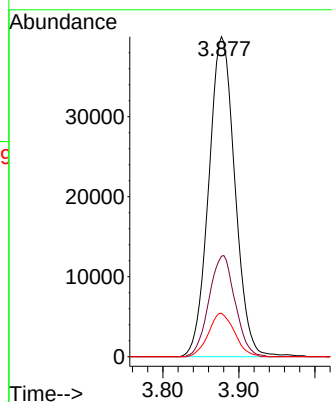
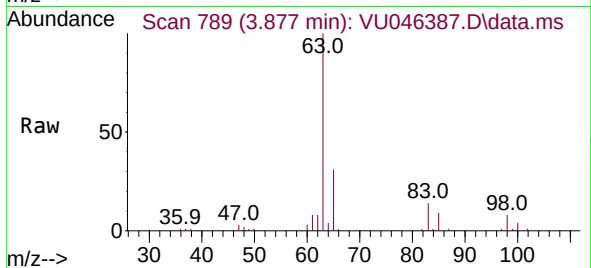
Acq: 15 Dec 2021 10:56

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 95549
Ion Ratio	Lower Upper
63	100
65	31.4 22.8 42.4
83	13.5 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 49.042 ug/L

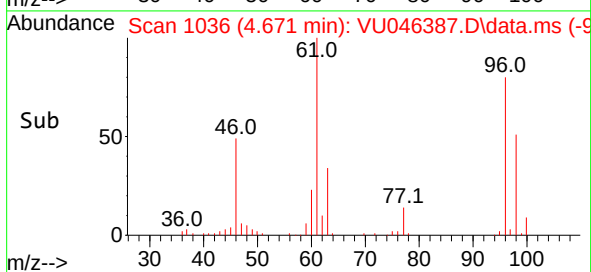
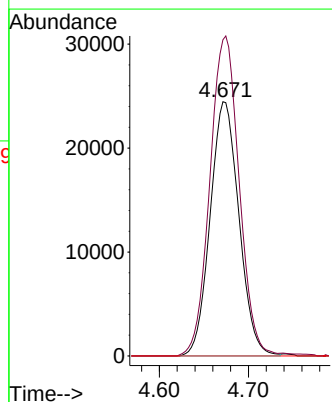
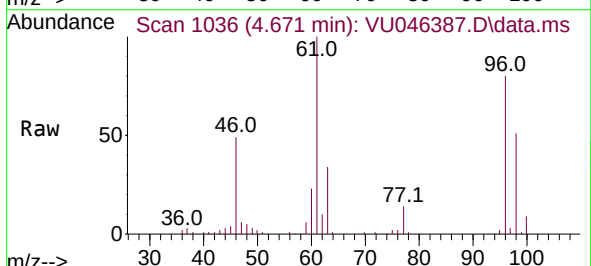
RT: 4.671 min Scan# 1036

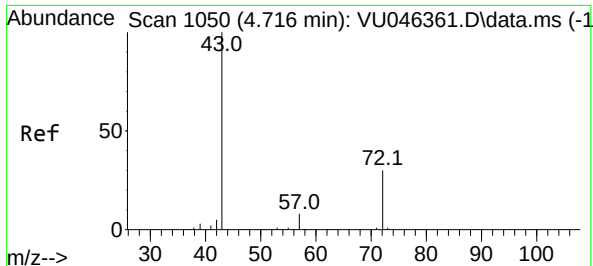
Delta R.T. 0.000 min

Lab File: VU046387.D

Acq: 15 Dec 2021 10:56

Tgt Ion: 96	Resp: 54945
Ion Ratio	Lower Upper
96	100
61	124.4 86.8 161.2
68	0.0 0.0 0.0





#22

2-Butanone

Concen: 90.314 ug/L

RT: 4.723 min Scan# 1105

Delta R.T. 0.007 min

Lab File: VU046387.D

Acq: 15 Dec 2021 10:56

Instrument :

MSVOA_U

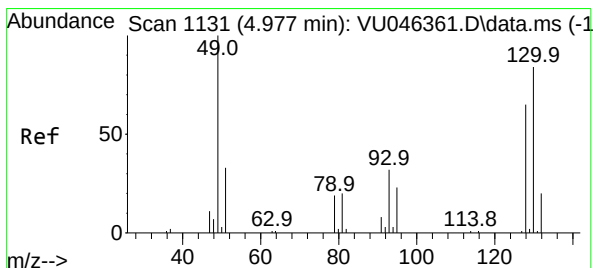
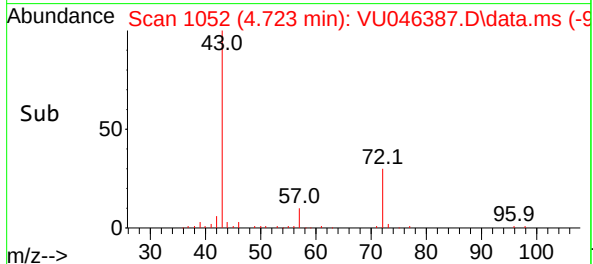
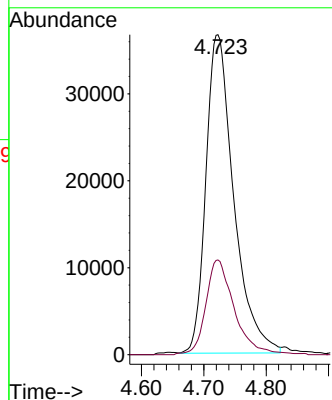
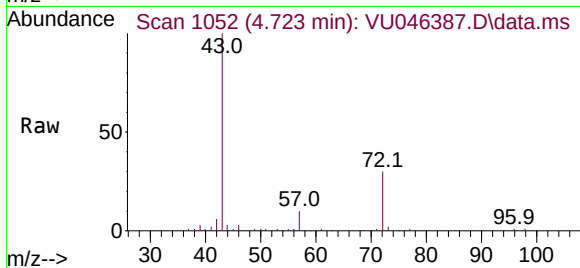
ClientSampleId :

Tgt Ion: 43 Resp: 113540

Ion Ratio Lower Upper

43 100

72 30.5 14.5 43.6



#23

Bromochloromethane

Concen: 51.749 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VU046387.D

Acq: 15 Dec 2021 10:56

Tgt Ion:128 Resp: 29282

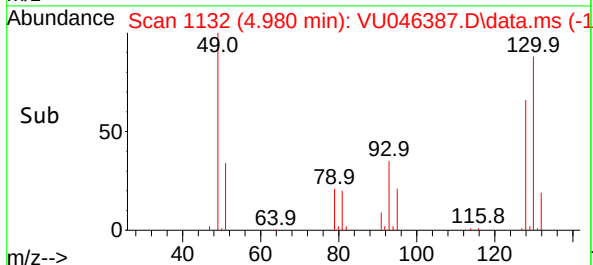
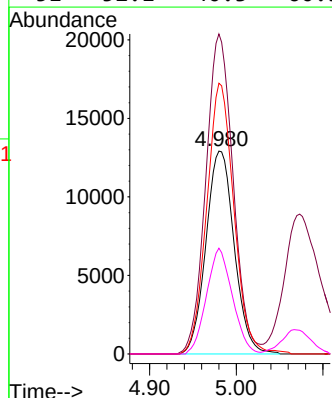
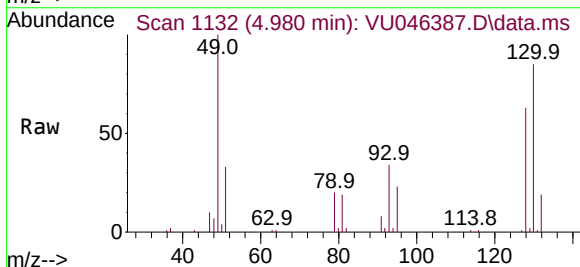
Ion Ratio Lower Upper

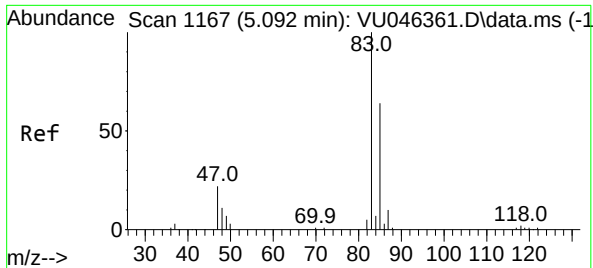
128 100

49 157.8 115.9 215.3

130 133.5 91.8 170.4

51 52.1 40.3 60.5





#25

Chloroform

Concen: 50.368 ug/L

RT: 5.096 min Scan# 1167

Delta R.T. 0.003 min

Lab File: VU046387.D

Acq: 15 Dec 2021 10:56

Instrument :

MSVOA_U

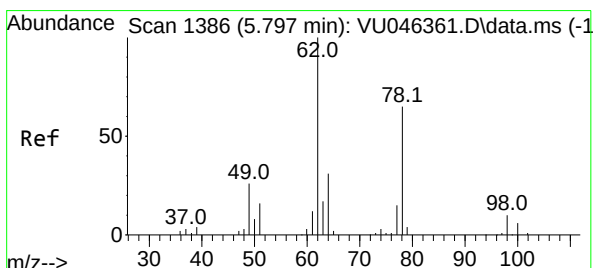
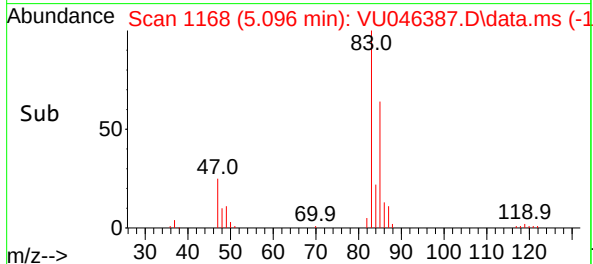
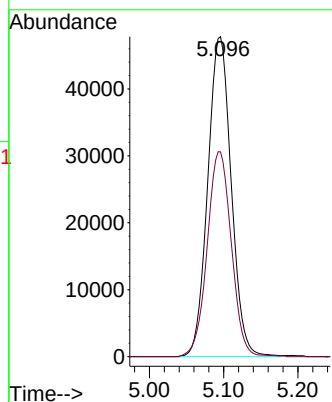
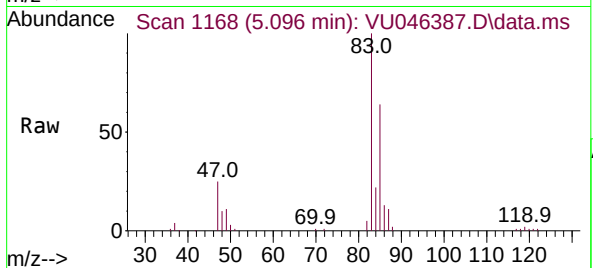
ClientSampleId :

Tgt Ion: 83 Resp: 105062

Ion Ratio Lower Upper

83 100

85 64.0 45.8 85.2



#27

1,2-Dichloroethane

Concen: 53.567 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.003 min

Lab File: VU046387.D

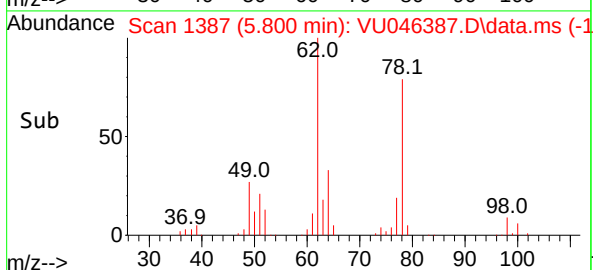
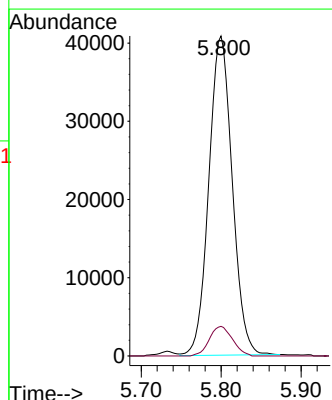
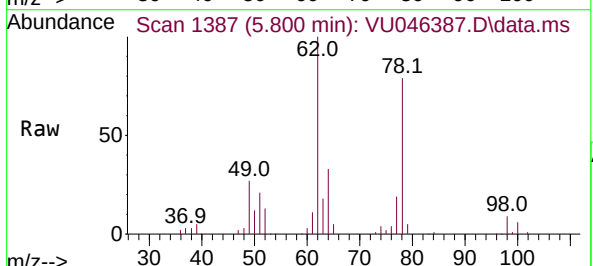
Acq: 15 Dec 2021 10:56

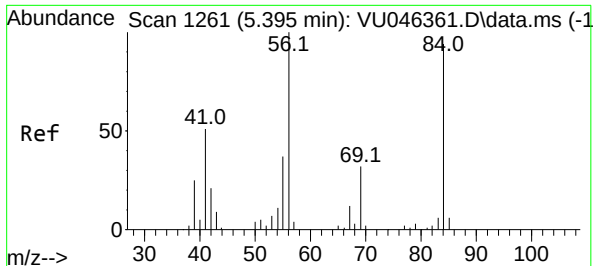
Tgt Ion: 62 Resp: 82915

Ion Ratio Lower Upper

62 100

98 9.3 7.9 11.9





#29

Cyclohexane

Concen: 38.941 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU046387.D

Acq: 15 Dec 2021 10:56

Instrument :

MSVOA_U

ClientSampleId :

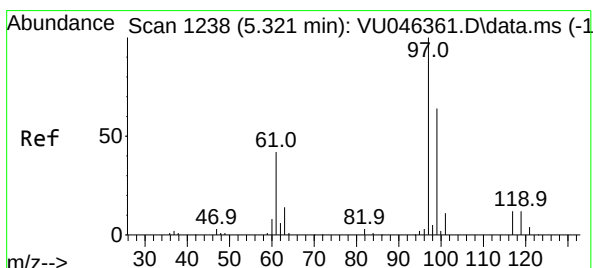
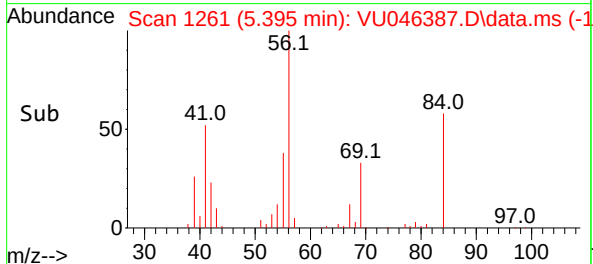
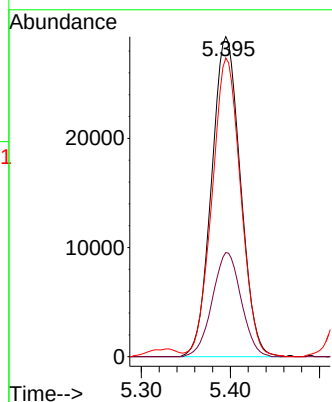
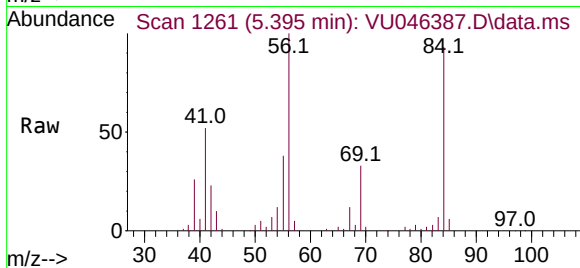
Tgt Ion: 56 Resp: 65845

Ion Ratio Lower Upper

56 100

69 32.6 25.2 37.8

84 93.0 73.3 109.9



#30

1,1,1-Trichloroethane

Concen: 50.295 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU046387.D

Acq: 15 Dec 2021 10:56

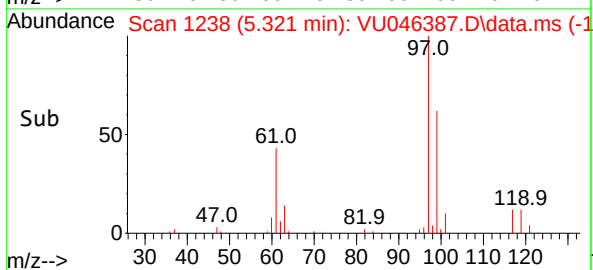
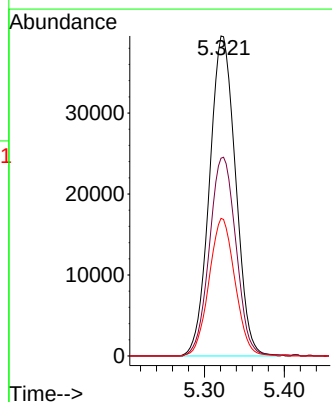
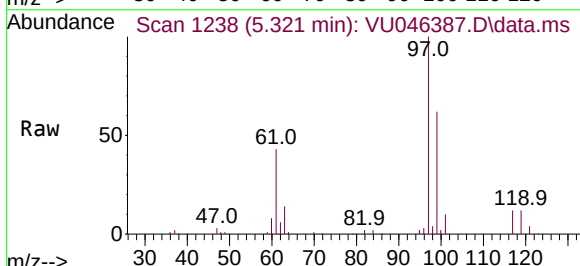
Tgt Ion: 97 Resp: 89649

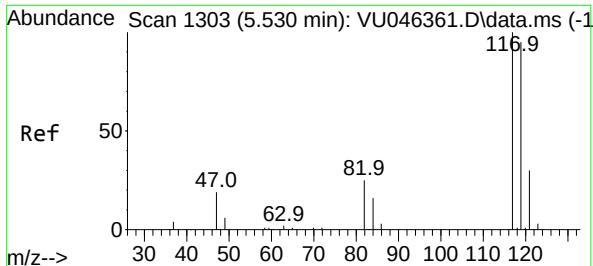
Ion Ratio Lower Upper

97 100

99 63.3 51.8 77.6

61 42.6 34.4 51.6

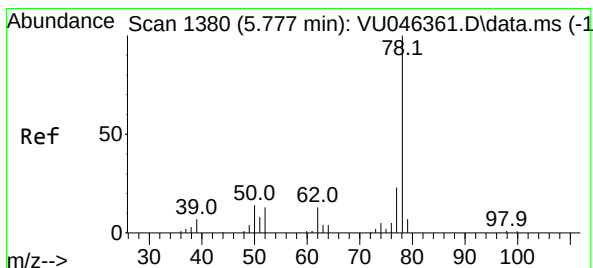
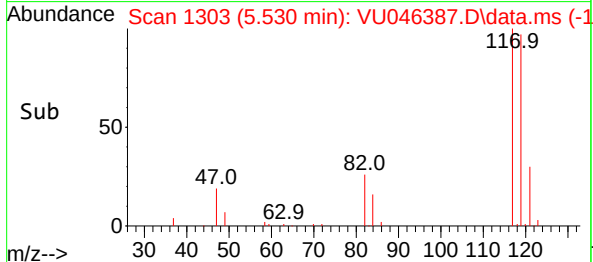
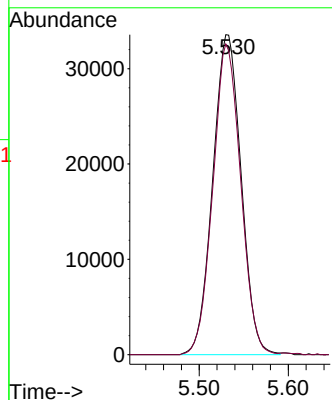
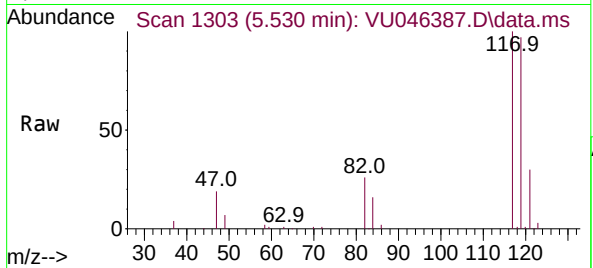




#31
Carbon tetrachloride
Concen: 49.012 ug/L
RT: 5.530 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU046387.D
Acq: 15 Dec 2021 10:56

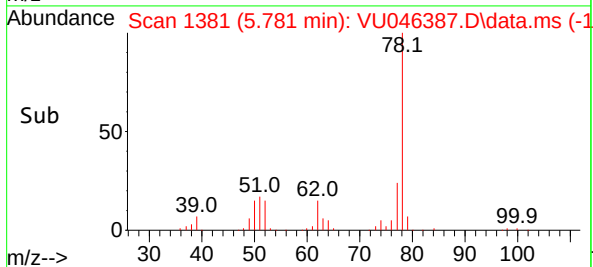
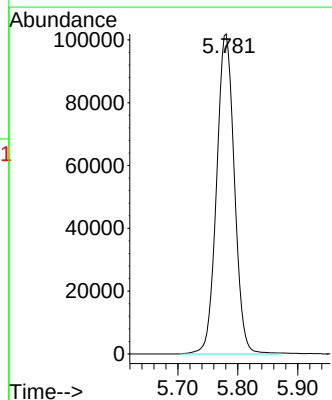
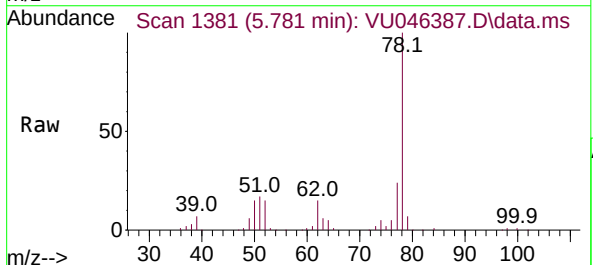
Instrument :
MSVOA_U
ClientSampleId :

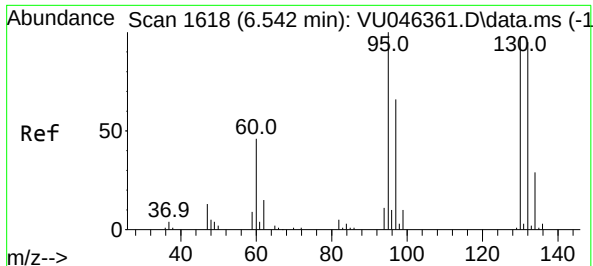
Tgt Ion:117 Resp: 74167
Ion Ratio Lower Upper
117 100
119 95.3 75.7 113.5



#33
Benzene
Concen: 47.669 ug/L
RT: 5.781 min Scan# 1381
Delta R.T. 0.003 min
Lab File: VU046387.D
Acq: 15 Dec 2021 10:56

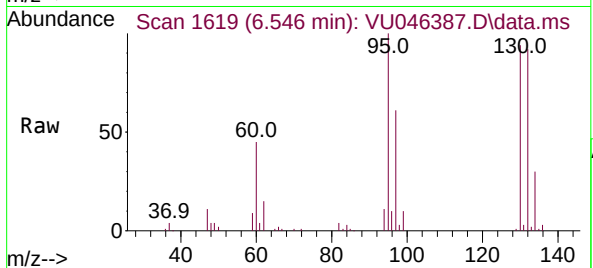
Tgt Ion: 78 Resp: 209503



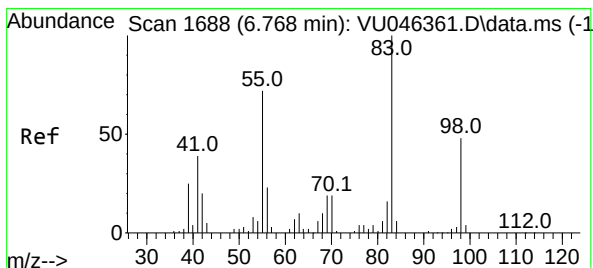
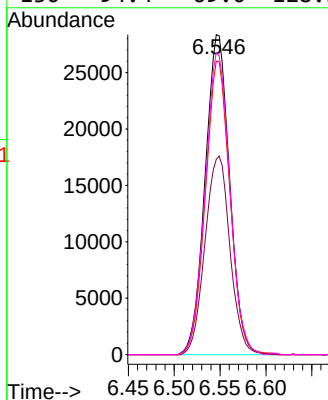
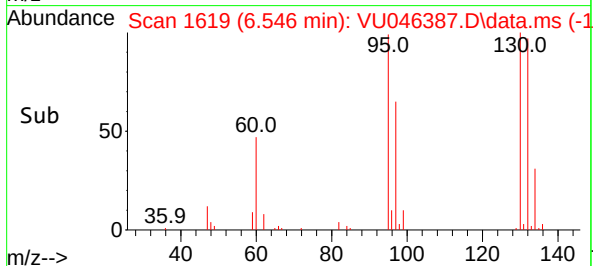


#34
Trichloroethene
Concen: 45.576 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.003 min
Lab File: VU046387.D
Acq: 15 Dec 2021 10:56

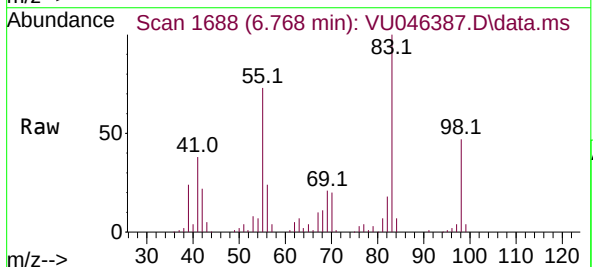
Instrument :
MSVOA_U
ClientSampleId :



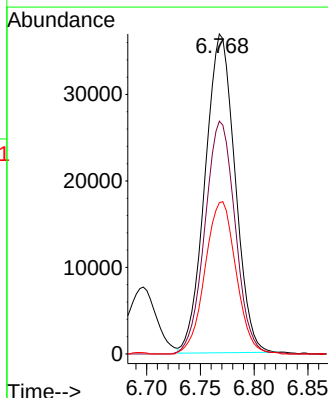
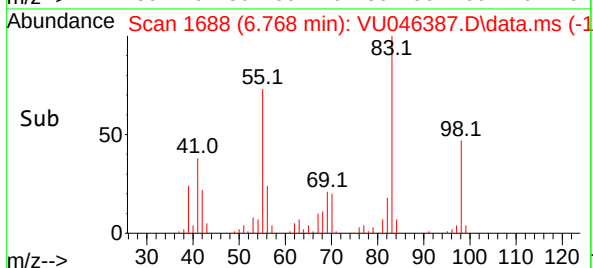
Tgt Ion: 95 Resp: 52769
Ion Ratio Lower Upper
95 100
97 61.0 44.1 81.9
132 91.8 66.8 124.0
130 94.4 69.0 128.1

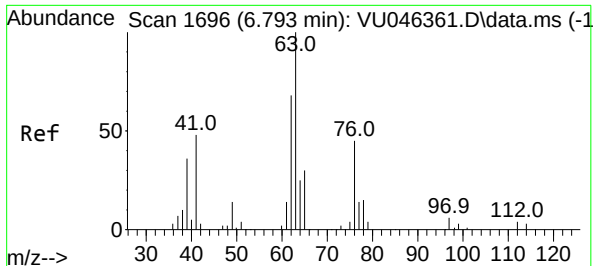


#35
Methylcyclohexane
Concen: 39.819 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU046387.D
Acq: 15 Dec 2021 10:56



Tgt Ion: 83 Resp: 71485
Ion Ratio Lower Upper
83 100
55 73.7 57.8 86.6
98 49.4 38.4 57.6





#37

1,2-Dichloropropane

Concen: 50.667 ug/L

RT: 6.797 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU046387.D

Acq: 15 Dec 2021 10:56

Instrument :

MSVOA_U

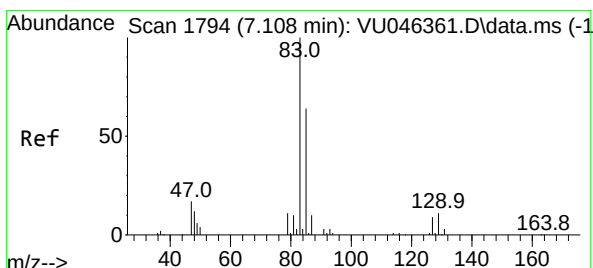
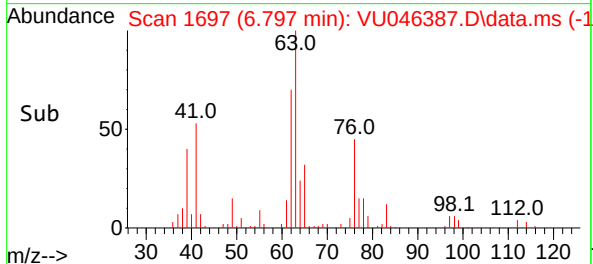
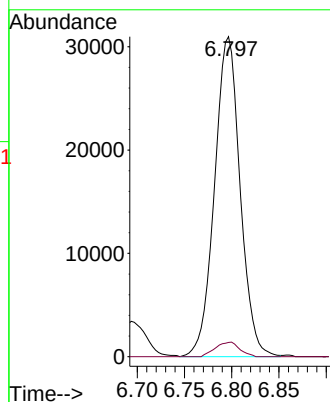
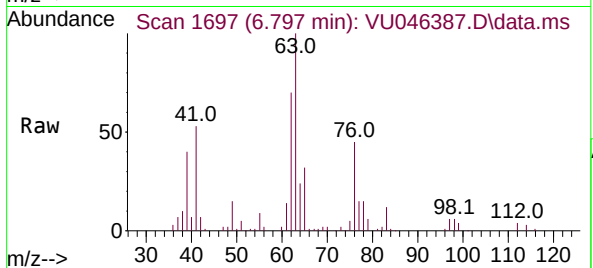
ClientSampleId :

Tgt Ion: 63 Resp: 58332

Ion Ratio Lower Upper

63 100

112 4.3 3.8 5.6



#38

Bromodichloromethane

Concen: 52.085 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU046387.D

Acq: 15 Dec 2021 10:56

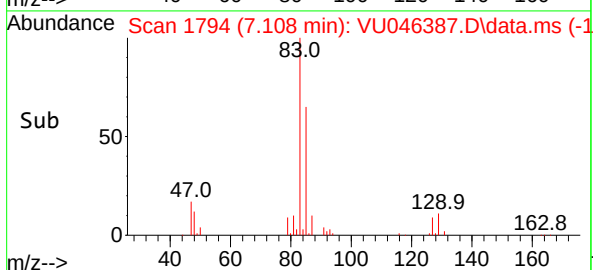
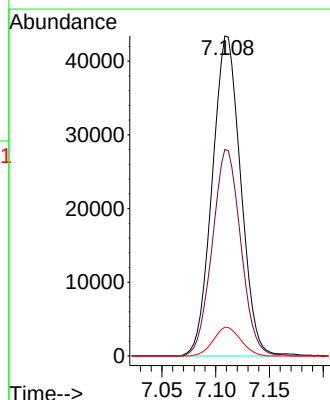
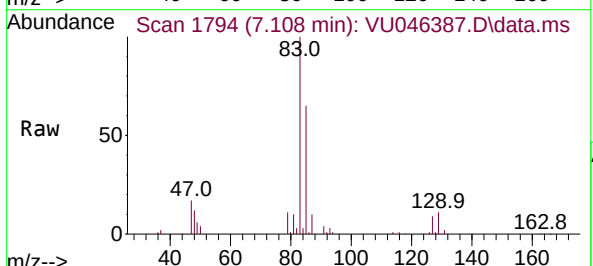
Tgt Ion: 83 Resp: 79703

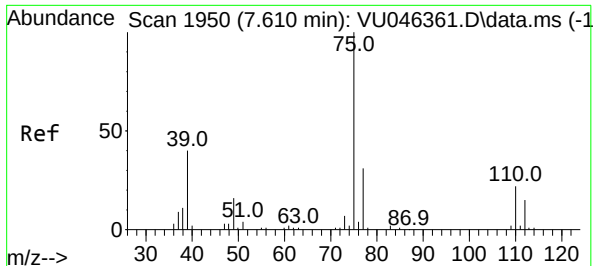
Ion Ratio Lower Upper

83 100

85 64.5 44.4 82.5

127 9.0 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 51.161 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU046387.D

Acq: 15 Dec 2021 10:56

Instrument :

MSVOA_U

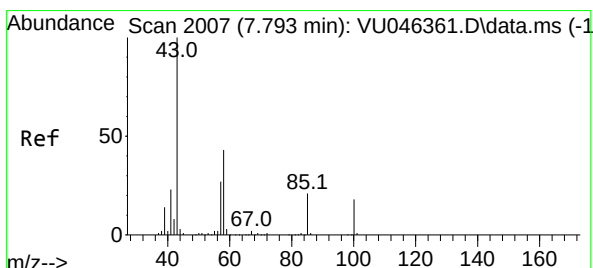
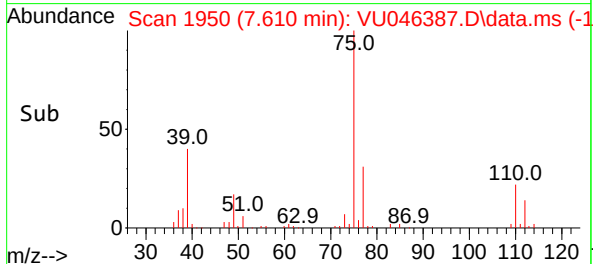
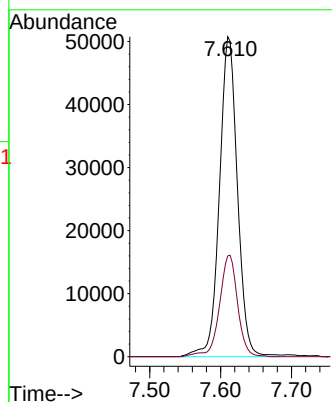
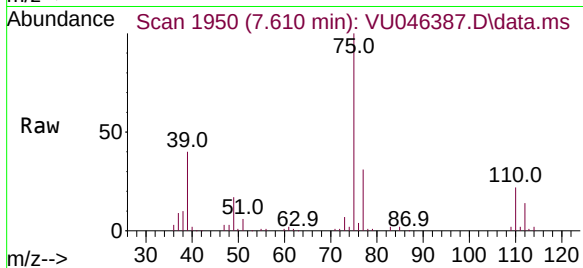
ClientSampleId :

Tgt Ion: 75 Resp: 89606

Ion Ratio Lower Upper

75 100

77 31.5 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 105.562 ug/L

RT: 7.797 min Scan# 2008

Delta R.T. 0.003 min

Lab File: VU046387.D

Acq: 15 Dec 2021 10:56

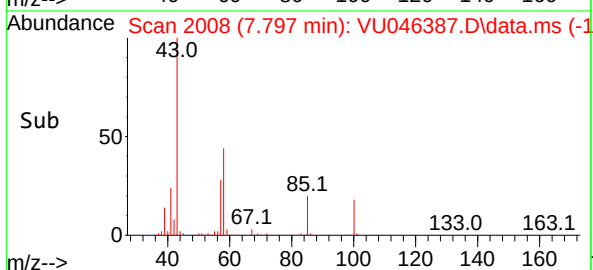
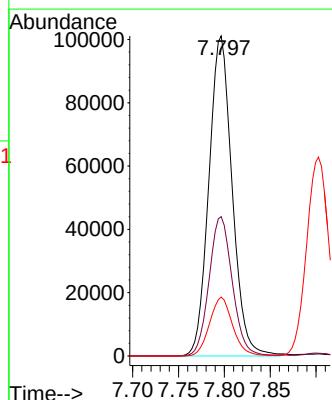
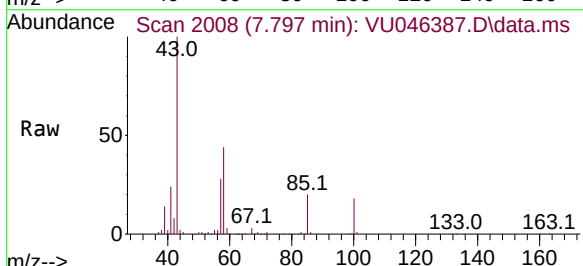
Tgt Ion: 43 Resp: 178560

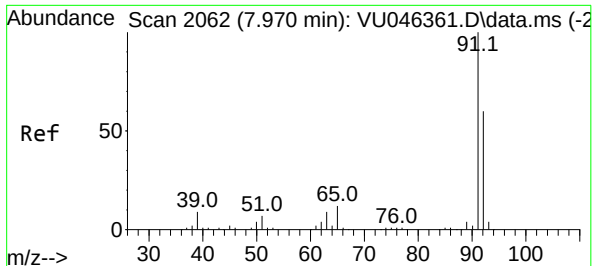
Ion Ratio Lower Upper

43 100

58 43.4 34.2 51.4

100 18.2 14.5 21.7





#42

Toluene

Concen: 48.470 ug/L

RT: 7.973 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU046387.D

Acq: 15 Dec 2021 10:56

Instrument :

MSVOA_U

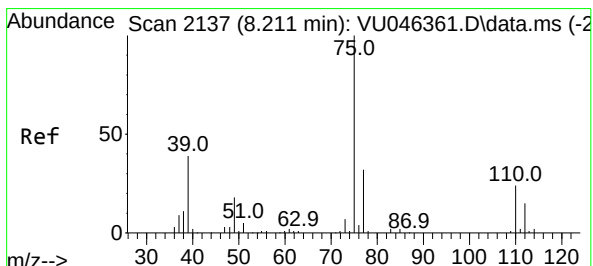
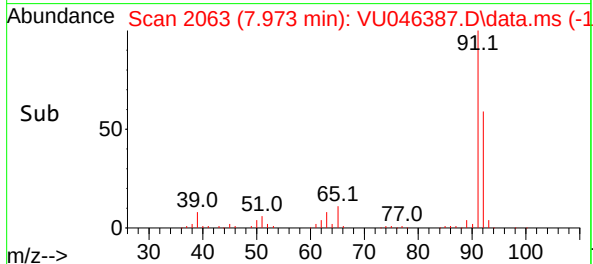
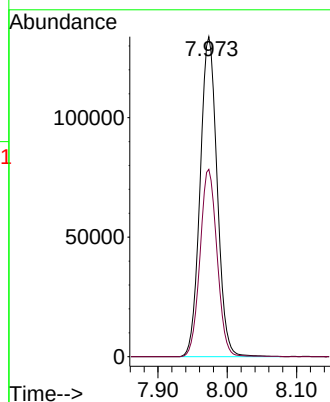
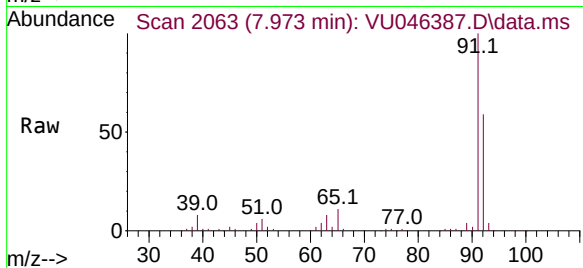
ClientSampleId :

Tgt Ion: 91 Resp: 228577

Ion Ratio Lower Upper

91 100

92 58.6 41.9 77.7



#44

trans-1,3-Dichloropropene

Concen: 51.635 ug/L

RT: 8.215 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU046387.D

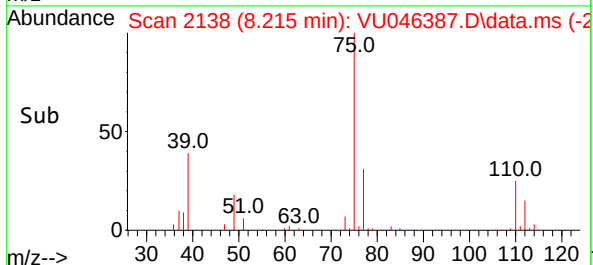
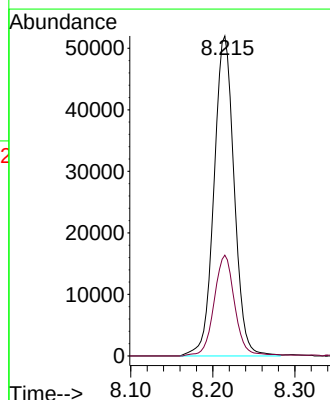
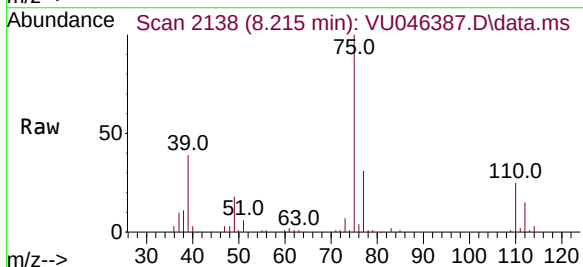
Acq: 15 Dec 2021 10:56

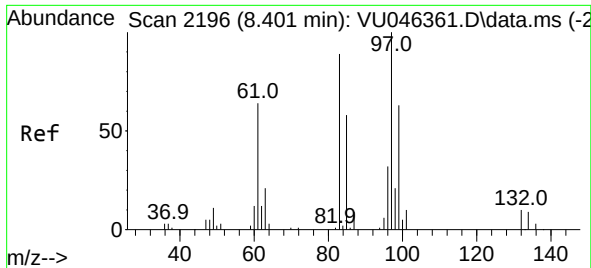
Tgt Ion: 75 Resp: 88822

Ion Ratio Lower Upper

75 100

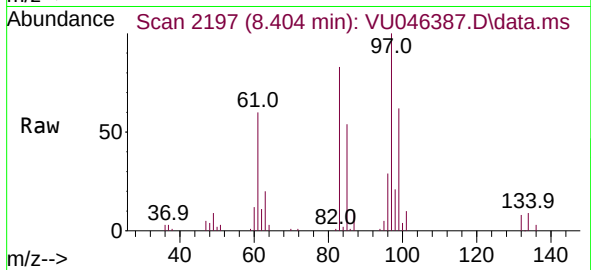
77 31.5 21.7 40.3



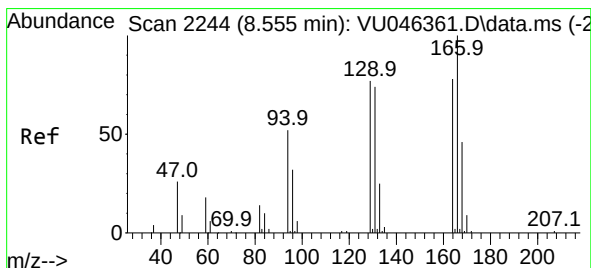
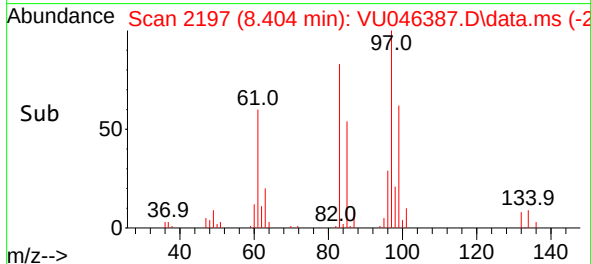
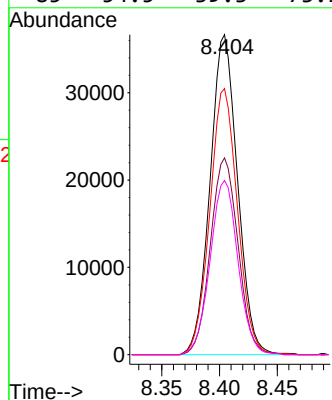


#45
1,1,2-Trichloroethane
Concen: 52.485 ug/L
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU046387.D
Acq: 15 Dec 2021 10:56

Instrument :
MSVOA_U
ClientSampleId :

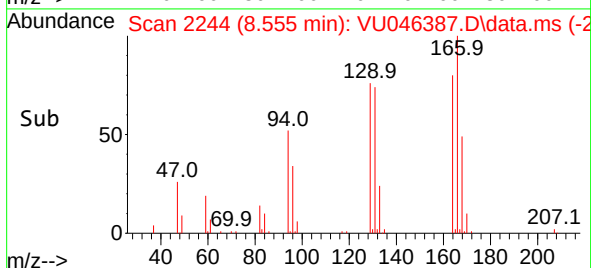
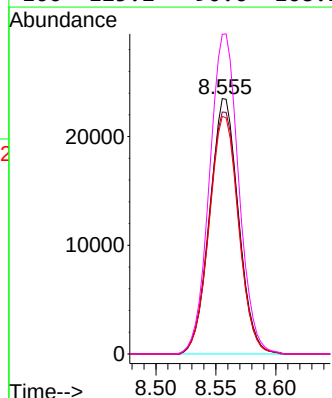
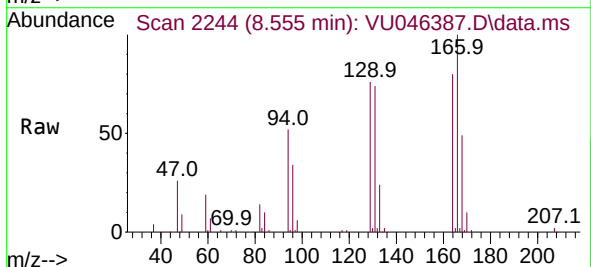


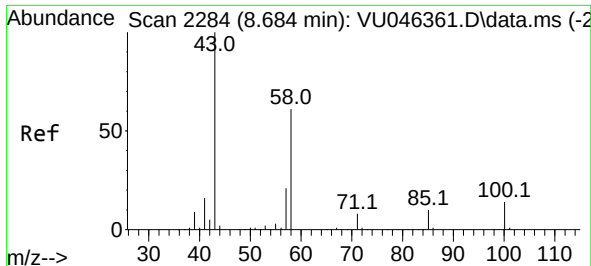
Tgt Ion: 97	Resp: 60622
Ion Ratio	Lower Upper
97 100	
99 61.5	44.7 82.9
83 83.1	60.2 111.8
85 54.5	39.3 73.1



#46
Tetrachloroethene
Concen: 46.002 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046387.D
Acq: 15 Dec 2021 10:56

Tgt	Ion:164	Resp:	39141
Ion	Ratio	Lower	Upper
164	100		
129	94.8	71.1	132.1
131	93.1	67.8	126.0
166	125.2	90.6	168.2

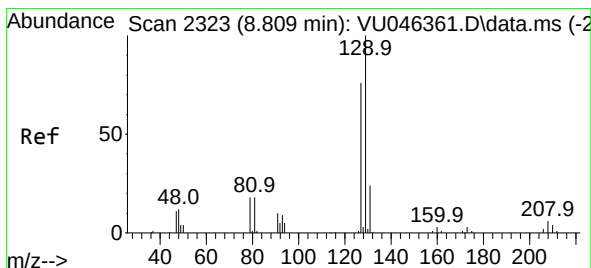
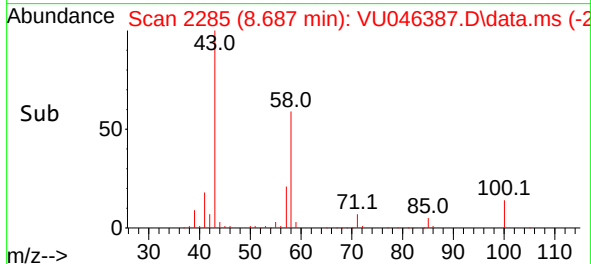
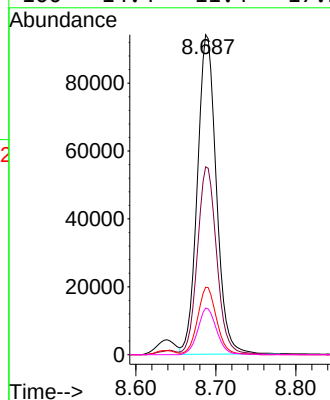
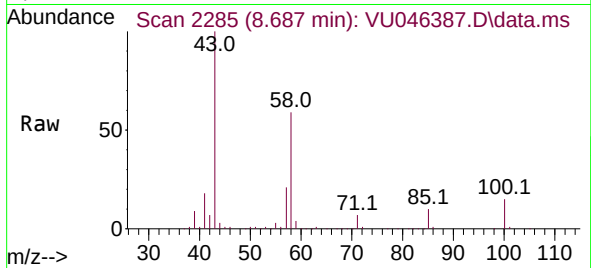




#48
2-Hexanone
Concen: 102.719 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU046387.D
Acq: 15 Dec 2021 10:56

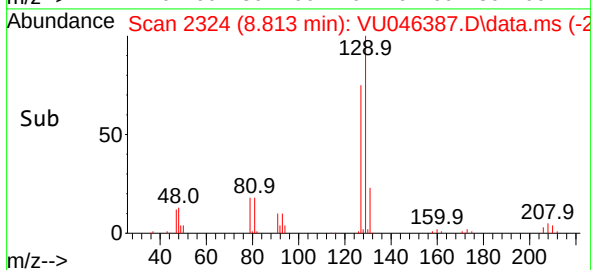
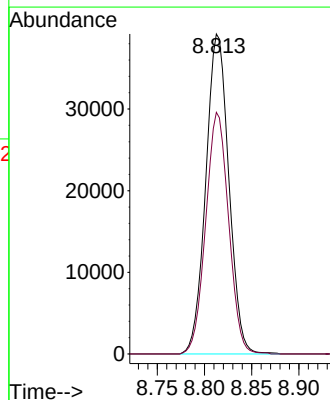
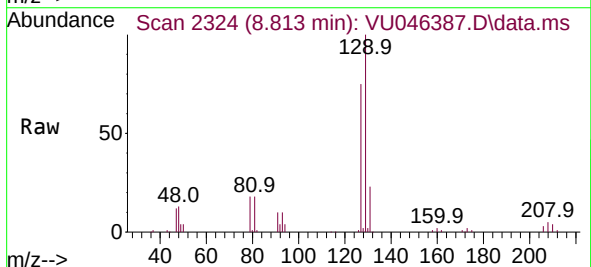
Instrument :
MSVOA_U
ClientSampleId :

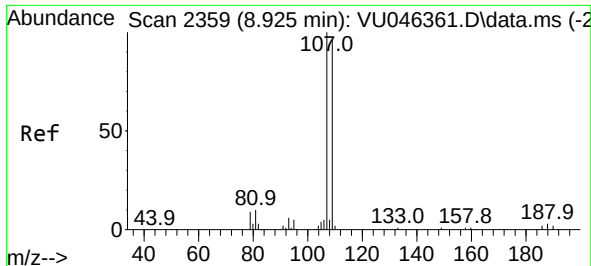
Tgt Ion: 43 Resp: 155390
Ion Ratio Lower Upper
43 100
58 59.6 47.4 71.2
57 21.3 16.6 25.0
100 14.4 11.4 17.2



#49
Dibromochloromethane
Concen: 54.778 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VU046387.D
Acq: 15 Dec 2021 10:56

Tgt Ion: 129 Resp: 66442
Ion Ratio Lower Upper
129 100
127 75.5 55.6 103.4





#50

1,2-Dibromoethane

Concen: 49.456 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.000 min

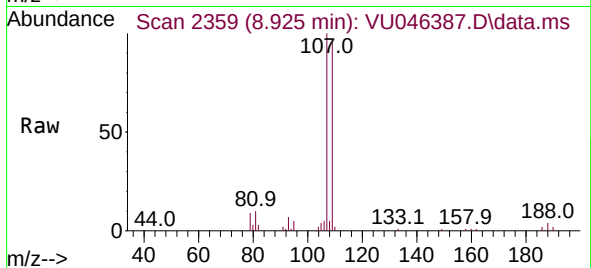
Lab File: VU046387.D

Acq: 15 Dec 2021 10:56

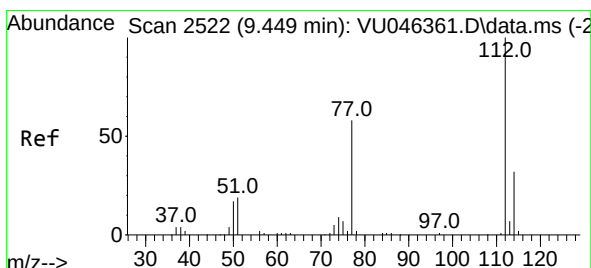
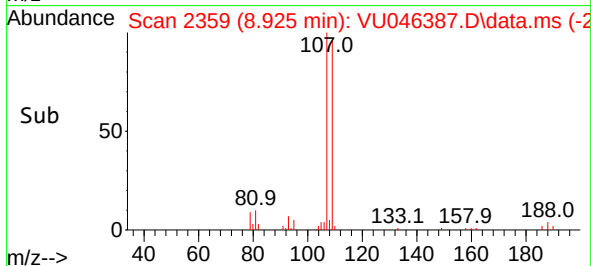
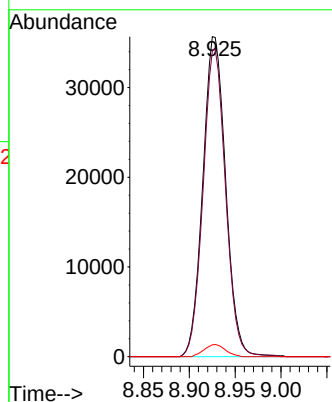
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	107	Resp:	61932
Ion	Ratio	Lower	Upper
107	100		
109	95.6	64.9	120.5
188	3.7	2.6	3.8



#51

Chlorobenzene

Concen: 48.529 ug/L

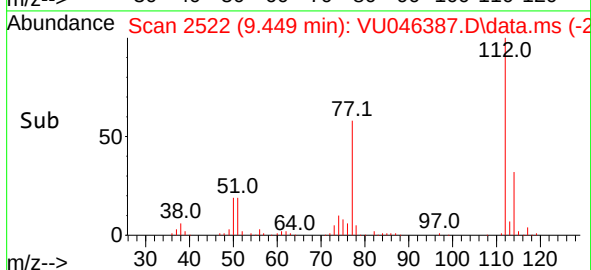
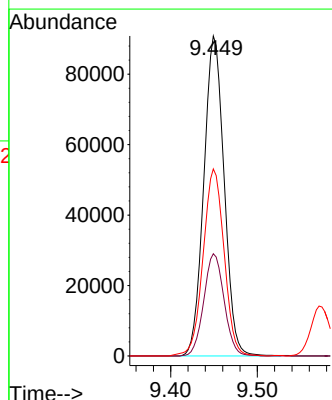
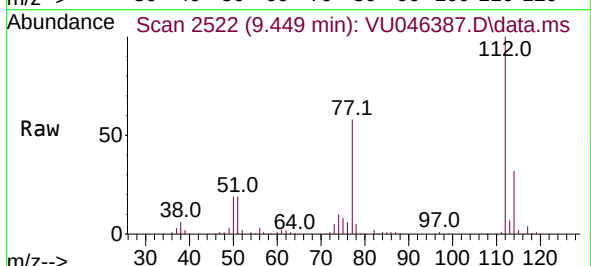
RT: 9.449 min Scan# 2522

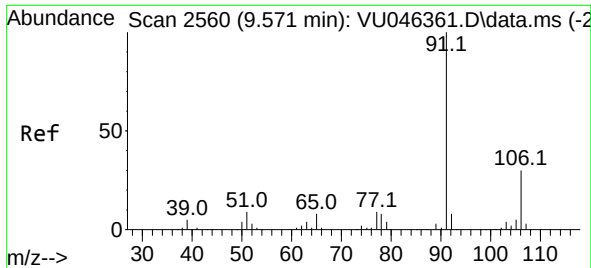
Delta R.T. 0.000 min

Lab File: VU046387.D

Acq: 15 Dec 2021 10:56

Tgt Ion:	112	Resp:	148061
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.2	41.2
77	58.5	47.4	71.0

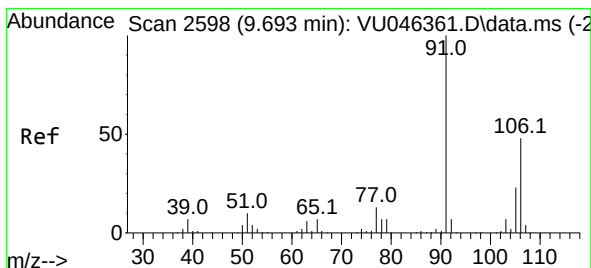
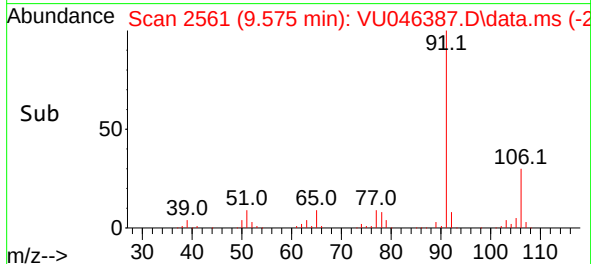
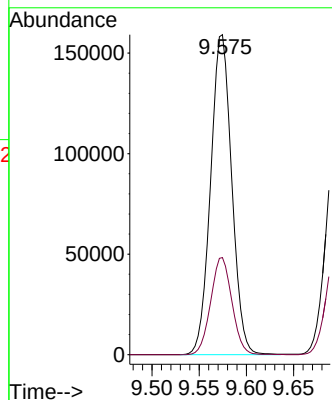
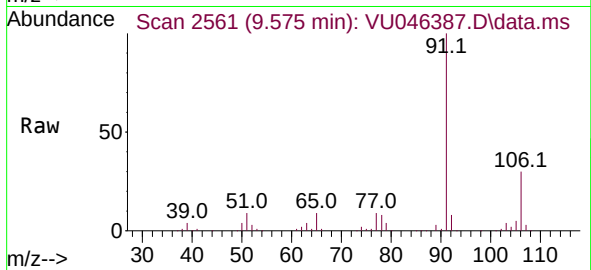




#52
Ethylbenzene
Concen: 48.816 ug/L
RT: 9.575 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU046387.D
Acq: 15 Dec 2021 10:56

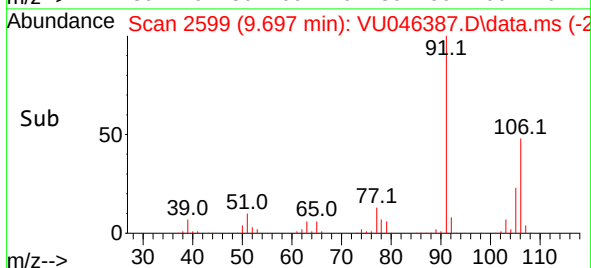
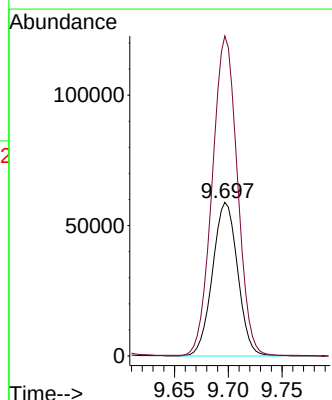
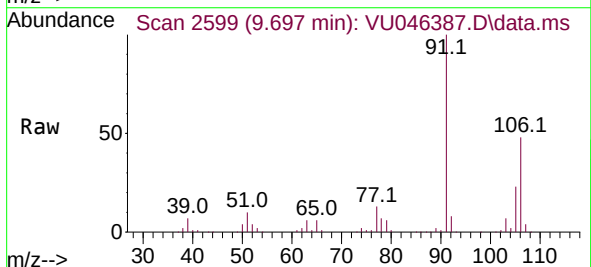
Instrument :
MSVOA_U
ClientSampleId :

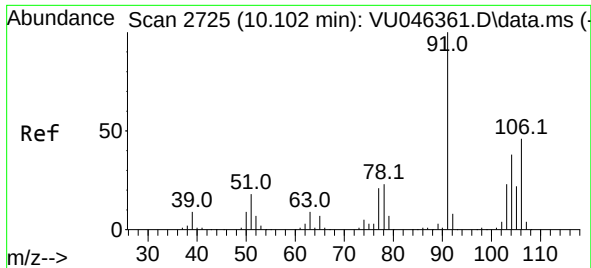
Tgt Ion: 91 Resp: 247758
Ion Ratio Lower Upper
91 100
106 30.4 21.1 39.3



#53
m,p-Xylene
Concen: 48.361 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU046387.D
Acq: 15 Dec 2021 10:56

Tgt Ion:106 Resp: 95722
Ion Ratio Lower Upper
106 100
91 208.4 144.3 268.1

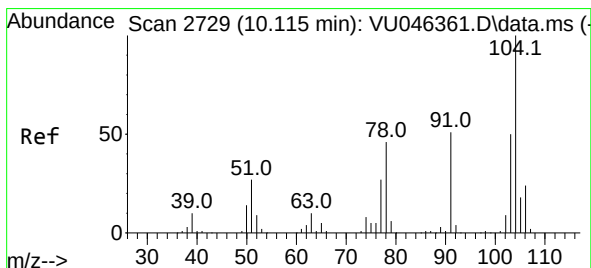
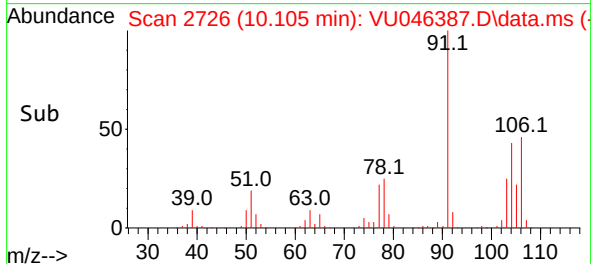
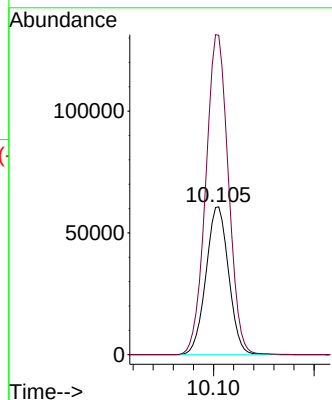
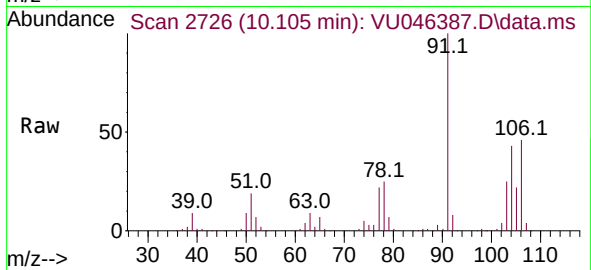




#54
o-xylene
Concen: 49.601 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.003 min
Lab File: VU046387.D
Acq: 15 Dec 2021 10:56

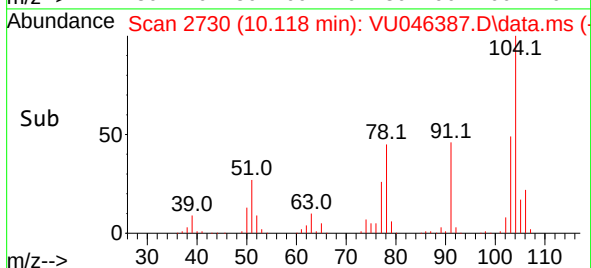
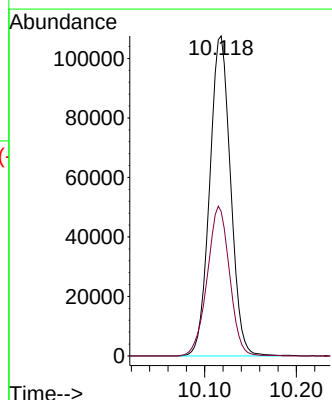
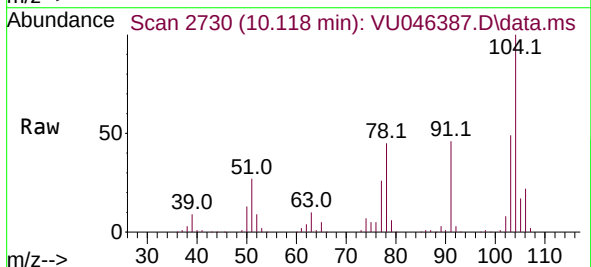
Instrument :
MSVOA_U
ClientSampleId :

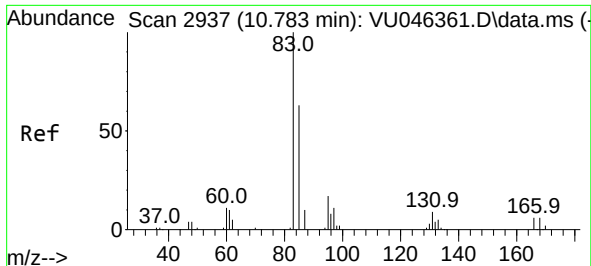
Tgt Ion:106 Resp: 95263
Ion Ratio Lower Upper
106 100
91 215.9 154.2 286.4



#55
Styrene
Concen: 51.885 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU046387.D
Acq: 15 Dec 2021 10:56

Tgt Ion:104 Resp: 170129
Ion Ratio Lower Upper
104 100
78 45.2 32.6 60.5

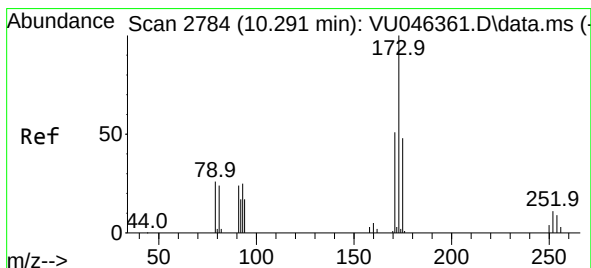
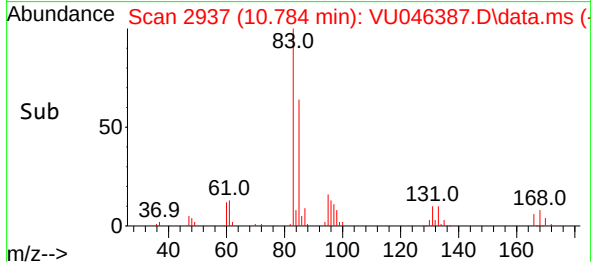
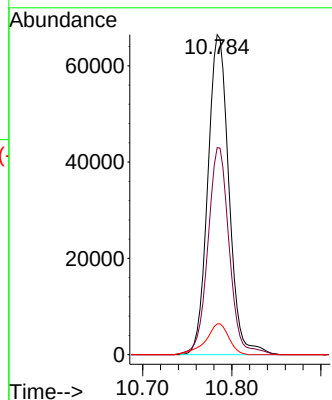
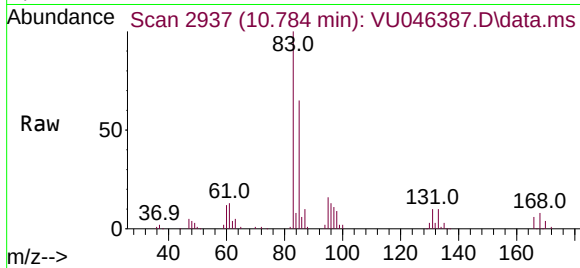




#57
1,1,2,2-Tetrachloroethane
Concen: 55.074 ug/L
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU046387.D
Acq: 15 Dec 2021 10:56

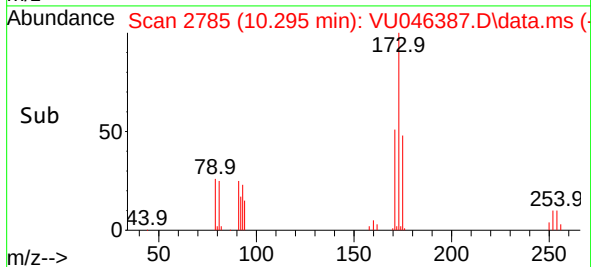
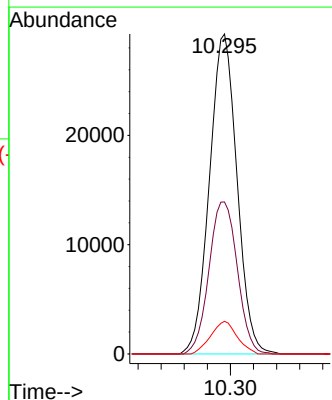
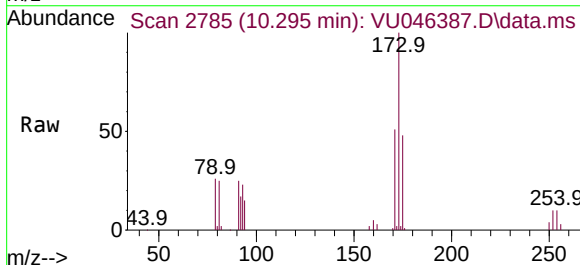
Instrument :
MSVOA_U
ClientSampleId :

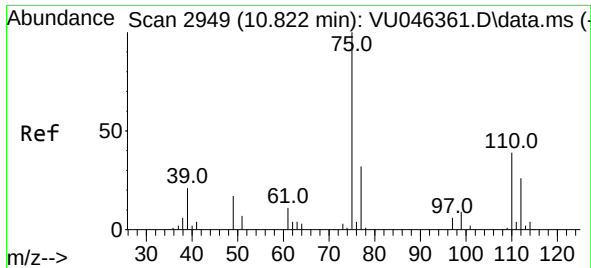
Tgt Ion: 83 Resp: 109061
Ion Ratio Lower Upper
83 100
85 64.7 45.6 84.6
131 9.6 7.8 11.6



#59
Bromoform
Concen: 50.829 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.003 min
Lab File: VU046387.D
Acq: 15 Dec 2021 10:56

Tgt Ion: 173 Resp: 48421
Ion Ratio Lower Upper
173 100
175 48.9 39.2 58.8
254 9.8 7.4 11.2

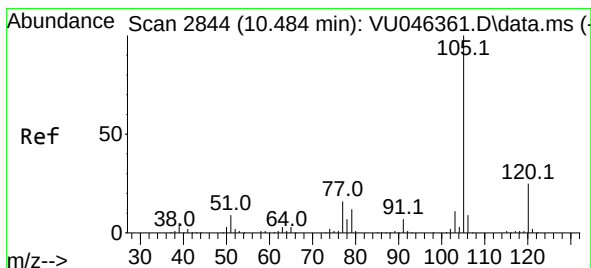
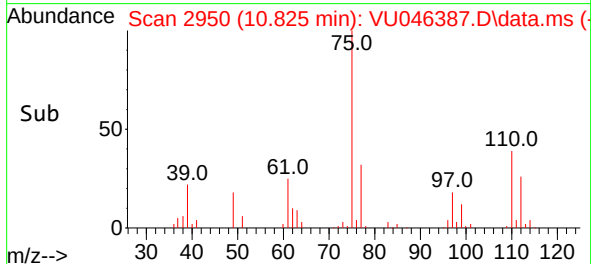
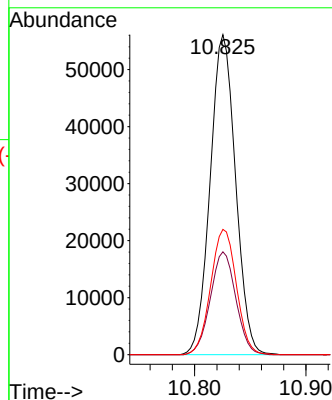
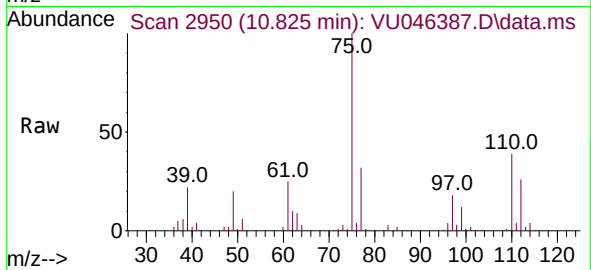




#60
1,2,3-Trichloropropane
Concen: 49.943 ug/L
RT: 10.825 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU046387.D
Acq: 15 Dec 2021 10:56

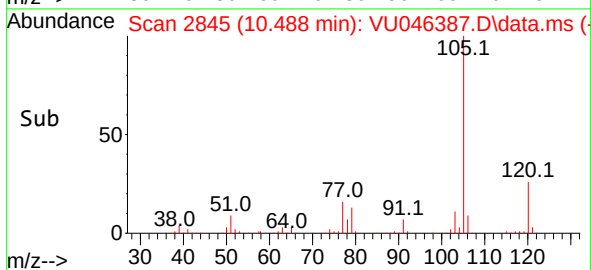
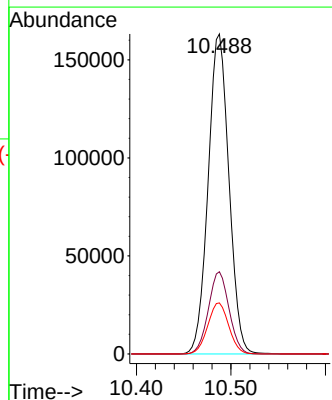
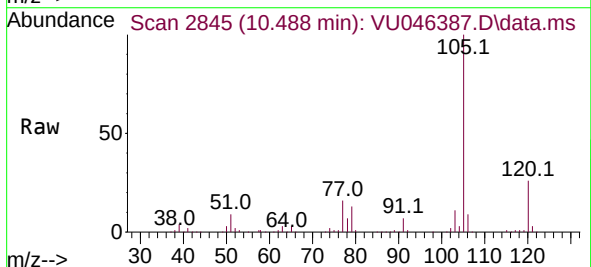
Instrument :
MSVOA_U
ClientSampleId :

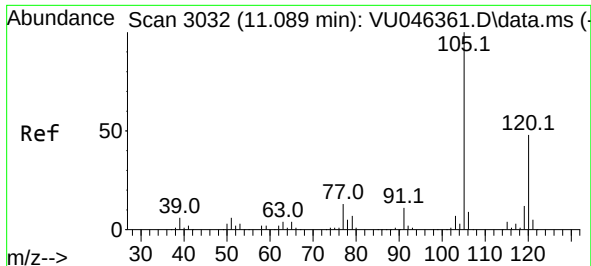
Tgt Ion:	75	Resp:	88903
Ion Ratio	Lower	Upper	
75	100		
77	32.3	26.4	39.6
110	39.6	32.4	48.6



#61
Isopropylbenzene
Concen: 47.127 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VU046387.D
Acq: 15 Dec 2021 10:56

Tgt Ion:	105	Resp:	248994
Ion Ratio	Lower	Upper	
105	100		
120	25.5	20.7	31.1
77	16.1	12.2	18.4





#62

1,3,5-Trimethylbenzene

Concen: 49.031 ug/L

RT: 11.092 min Scan# 3032

Delta R.T. 0.003 min

Lab File: VU046387.D

Acq: 15 Dec 2021 10:56

Instrument :

MSVOA_U

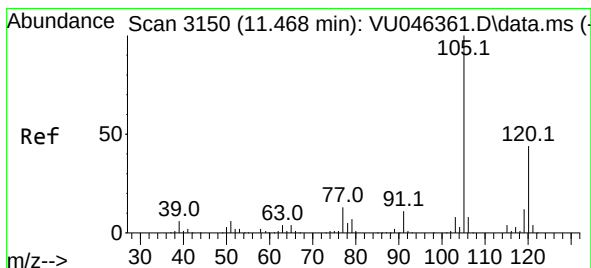
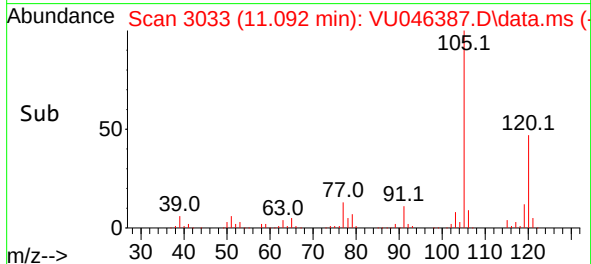
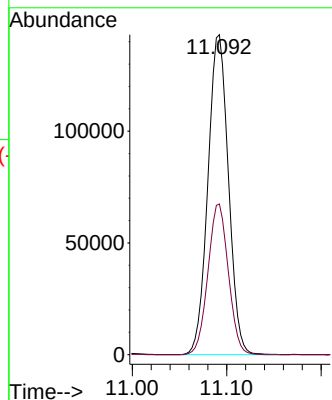
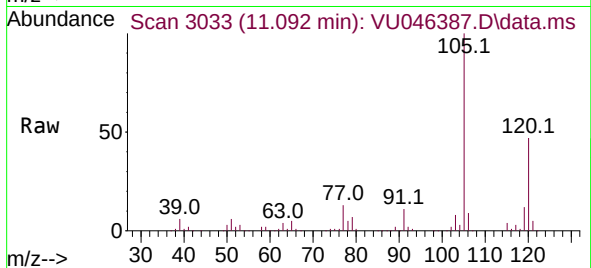
ClientSampleId :

Tgt Ion:105 Resp: 215929

Ion Ratio Lower Upper

105 100

120 46.9 37.8 56.6



#63

1,2,4-Trimethylbenzene

Concen: 50.155 ug/L

RT: 11.472 min Scan# 3151

Delta R.T. 0.003 min

Lab File: VU046387.D

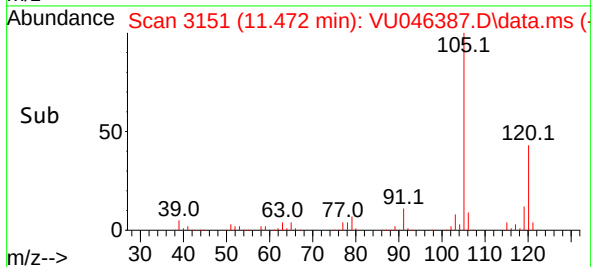
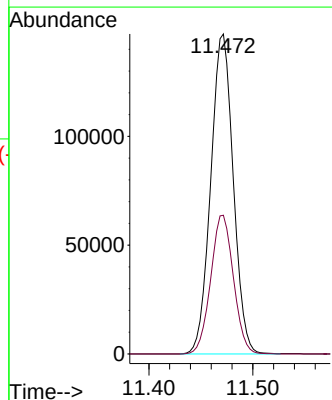
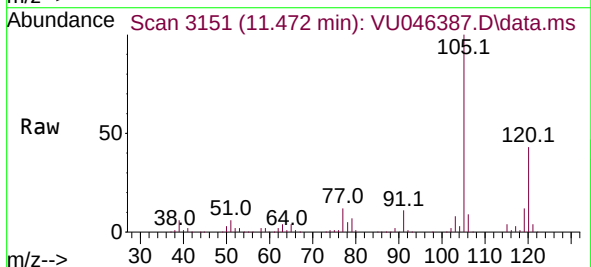
Acq: 15 Dec 2021 10:56

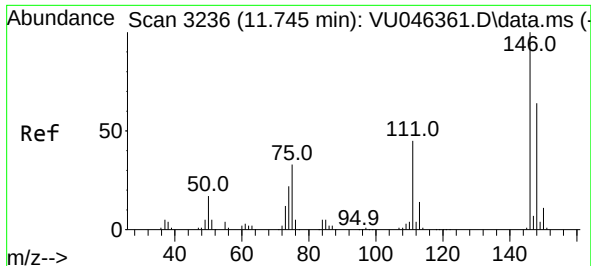
Tgt Ion:105 Resp: 220986

Ion Ratio Lower Upper

105 100

120 43.8 35.2 52.8

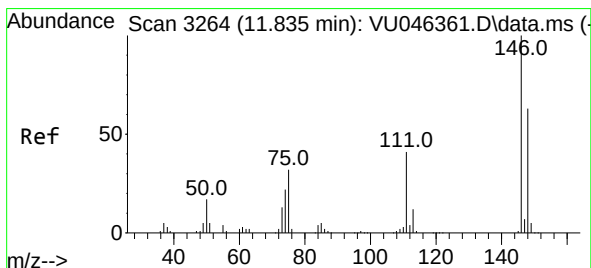
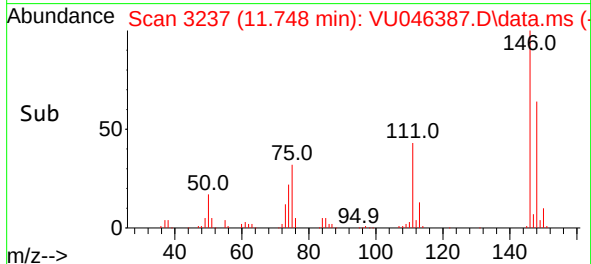
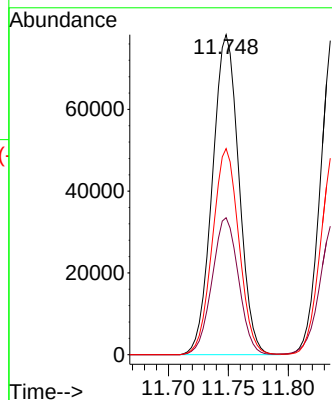
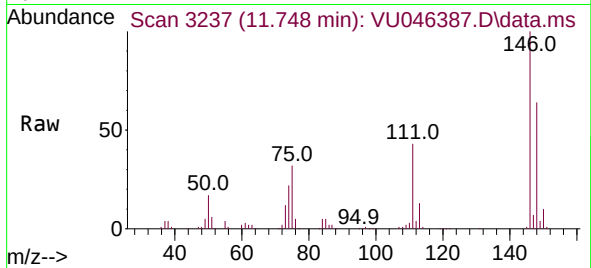




#64
1,3-Dichlorobenzene
Concen: 47.895 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU046387.D
Acq: 15 Dec 2021 10:56

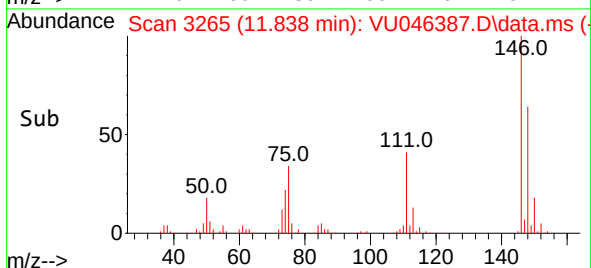
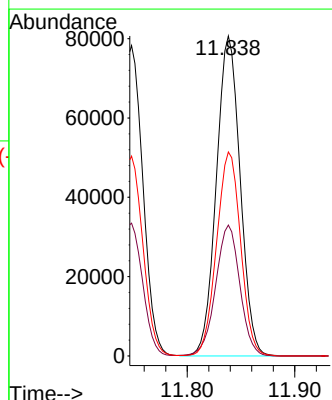
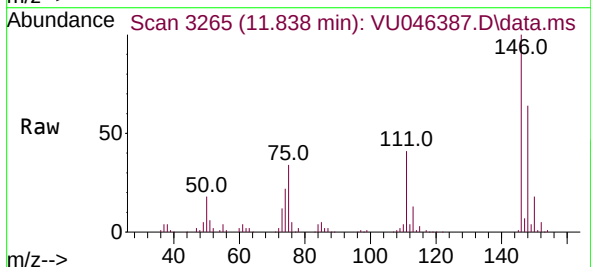
Instrument :
MSVOA_U
ClientSampleId :

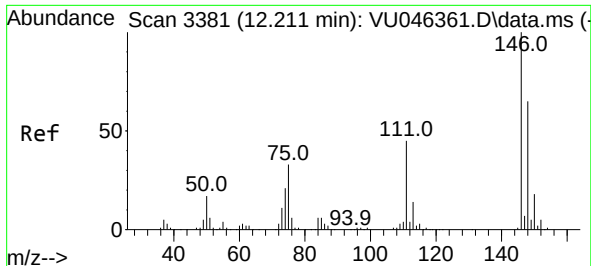
Tgt Ion:146 Resp: 120205
Ion Ratio Lower Upper
146 100
111 42.8 29.5 54.9
148 64.4 45.9 85.3



#65
1,4-Dichlorobenzene
Concen: 47.934 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU046387.D
Acq: 15 Dec 2021 10:56

Tgt Ion:146 Resp: 124331
Ion Ratio Lower Upper
146 100
111 40.9 28.3 52.7
148 63.8 43.8 81.3





#67

1,2-Dichlorobenzene

Concen: 48.730 ug/L

RT: 12.214 min Scan# 3381

Delta R.T. 0.003 min

Lab File: VU046387.D

Acq: 15 Dec 2021 10:56

Instrument :

MSVOA_U

ClientSampleId :

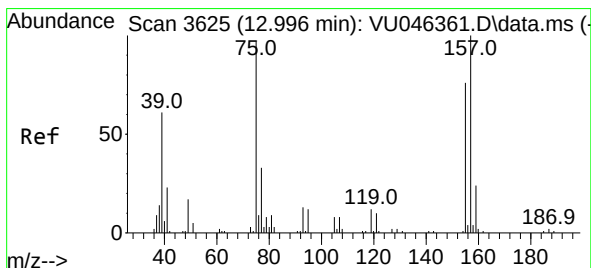
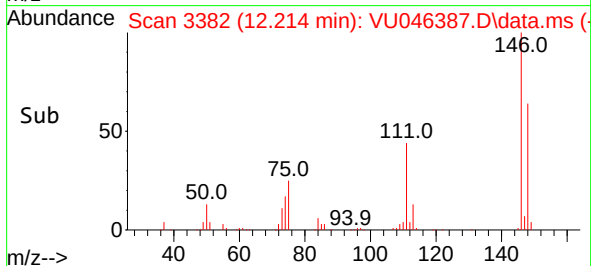
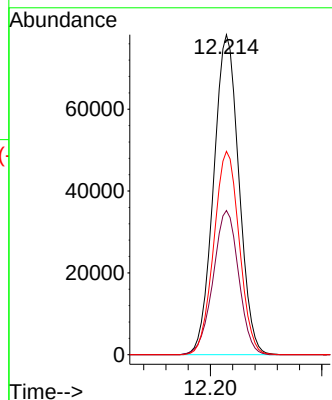
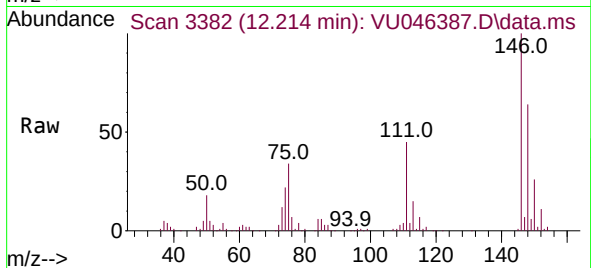
Tgt Ion:146 Resp: 123159

Ion Ratio Lower Upper

146 100

111 45.1 35.7 53.5

148 63.6 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 57.780 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.003 min

Lab File: VU046387.D

Acq: 15 Dec 2021 10:56

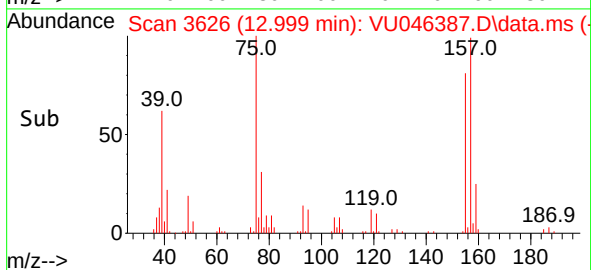
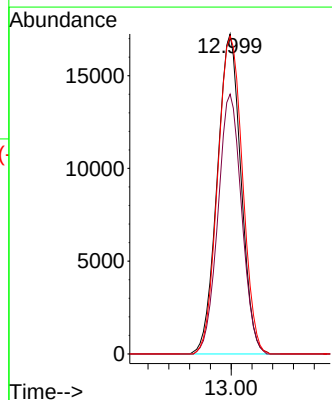
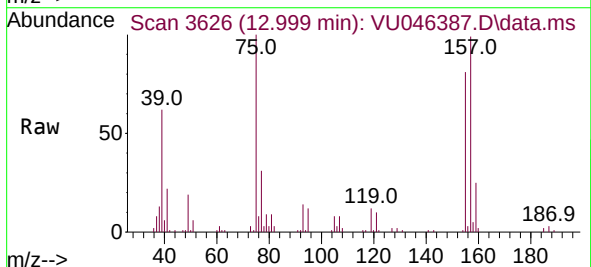
Tgt Ion: 75 Resp: 27400

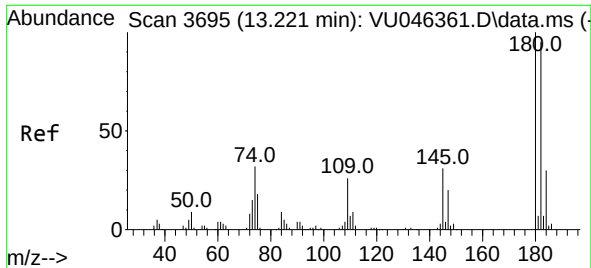
Ion Ratio Lower Upper

75 100

155 81.2 64.9 97.3

157 99.3 81.9 122.9

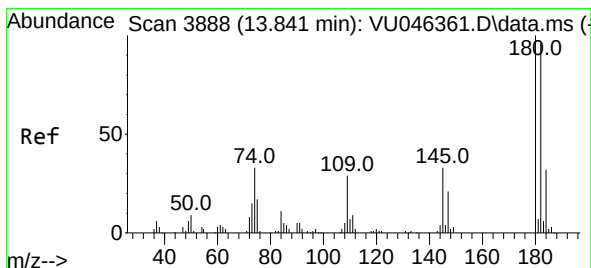
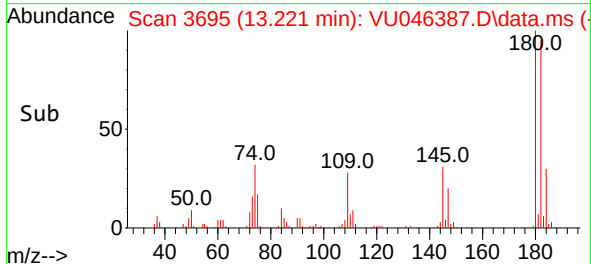
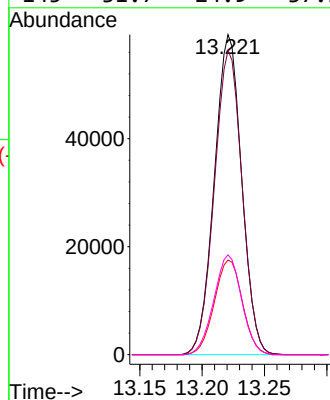
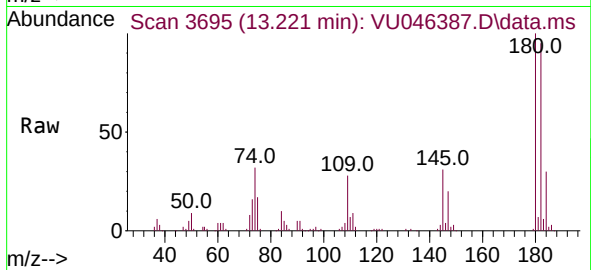




#69
1,3,5-Trichlorobenzene
Concen: 49.429 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. 0.000 min
Lab File: VU046387.D
Acq: 15 Dec 2021 10:56

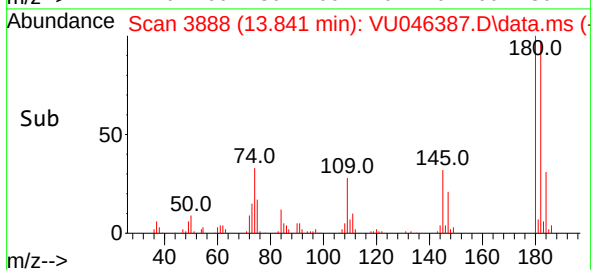
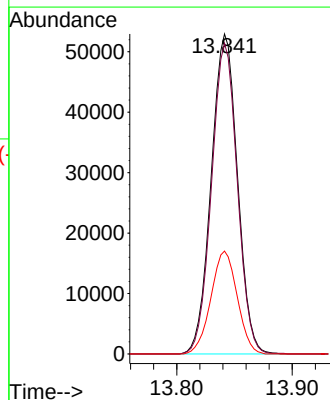
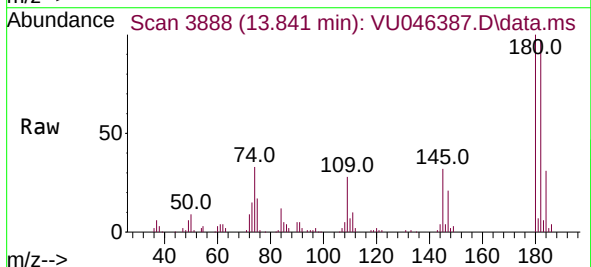
Instrument :
MSVOA_U
ClientSampleId :

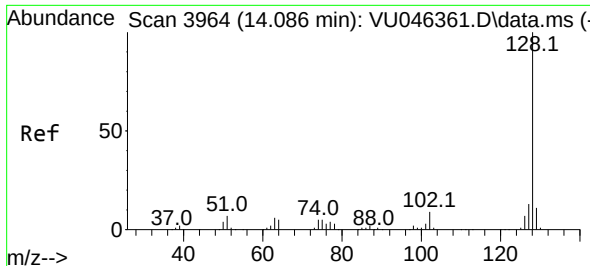
Tgt Ion:180	Resp:	90390
Ion Ratio	Lower	Upper
180	100	
182	96.6	75.9 113.9
184	30.4	24.2 36.4
145	31.7	24.9 37.3



#70
1,2,4-trichlorobenzene
Concen: 51.586 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU046387.D
Acq: 15 Dec 2021 10:56

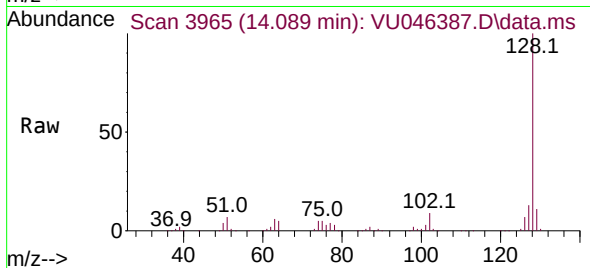
Tgt Ion:180	Resp:	83712
Ion Ratio	Lower	Upper
180	100	
182	94.8	76.7 115.1
145	32.2	26.0 39.0



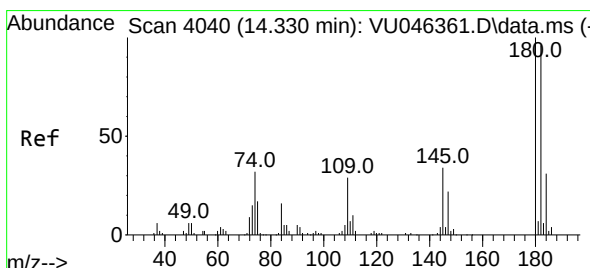
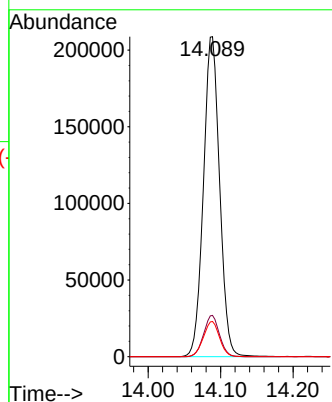
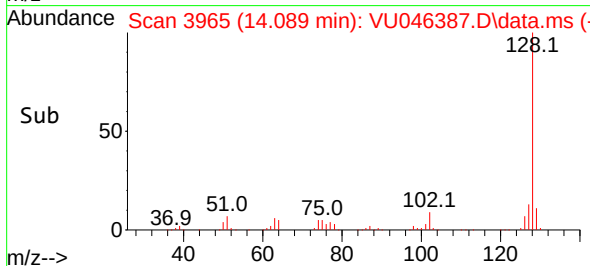


#71
Naphthalene
Concen: 57.325 ug/L
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU046387.D
Acq: 15 Dec 2021 10:56

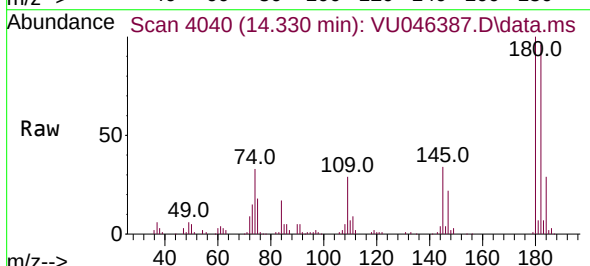
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 323709
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 11.0 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 53.838 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU046387.D
Acq: 15 Dec 2021 10:56



Tgt Ion:180 Resp: 89092
Ion Ratio Lower Upper
180 100
182 94.4 76.0 114.0
145 33.3 27.3 40.9

