

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112921\
 Data File : VU046022.D
 Acq On : 29 Nov 2021 14:44
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV036

Quant Time: Nov 30 02:11:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 30 02:06:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	196573	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	194260	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	104017	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	78639	48.565	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.120%
7) Chloroethane-d5	1.919	69	59788	48.090	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.180%
11) 1,1-Dichloroethene-d2	2.575	63	139058	47.838	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.680%
21) 2-Butanone-d5	4.645	46	126693	98.422	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.420%
24) Chloroform-d	5.067	84	134612	49.781	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.560%
26) 1,2-Dichloroethane-d4	5.707	65	86996	47.938	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.880%
32) Benzene-d6	5.732	84	277449	49.831	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.660%
36) 1,2-Dichloropropane-d6	6.694	67	83155	48.190	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.380%
41) Toluene-d8	7.899	98	256483	50.593	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.180%
43) trans-1,3-Dichloroprop...	8.179	79	44406	53.309	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.620%
47) 2-Hexanone-d5	8.636	63	86568	105.809	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.810%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	130690	49.941	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.880%
66) 1,2-Dichlorobenzene-d4	12.195	152	100169	50.005	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	104644	48.930	ug/L	100
3) Chloromethane	1.523	50	89668	46.875	ug/L	99
5) Vinyl chloride	1.607	62	94447	48.967	ug/L	99
6) Bromomethane	1.861	94	54881	50.202	ug/L	95
8) Chloroethane	1.938	64	54540	48.837	ug/L	98
9) Trichlorofluoromethane	2.144	101	122068	48.475	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	70755	49.467	ug/L	99
12) 1,1-Dichloroethene	2.584	96	67512	49.671	ug/L	98
13) Acetone	2.671	43	138199	85.904	ug/L	99
14) Carbon disulfide	2.800	76	205656	48.769	ug/L	100
15) Methyl Acetate	2.961	43	88591	47.238	ug/L	99
16) Methylene chloride	3.051	84	73394	45.386	ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	69819	48.540	ug/L	100
18) Methyl tert-butyl Ether	3.369	73	225924	50.966	ug/L	100
19) 1,1-Dichloroethane	3.874	63	125156	47.855	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	77098	49.399	ug/L	98
22) 2-Butanone	4.726	43	156921	89.603	ug/L	100
23) Bromochloromethane	4.980	128	39644	50.293	ug/L	95
25) Chloroform	5.092	83	136874	47.104	ug/L	99

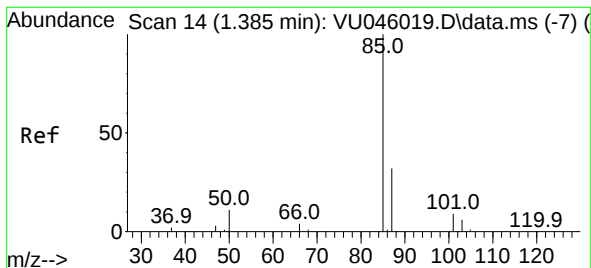
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112921\
 Data File : VU046022.D
 Acq On : 29 Nov 2021 14:44
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV036

Quant Time: Nov 30 02:11:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 30 02:06:39 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	104370	48.403	ug/L	99
29) Cyclohexane	5.395	56	117400	51.900	ug/L	99
30) 1,1,1-Trichloroethane	5.321	97	119212	49.993	ug/L	99
31) Carbon tetrachloride	5.530	117	104162	51.454	ug/L	100
33) Benzene	5.777	78	292882	49.814	ug/L	100
34) Trichloroethene	6.546	95	76636	49.477	ug/L	98
35) Methylcyclohexane	6.768	83	127641	53.147	ug/L	99
37) 1,2-Dichloropropane	6.793	63	75716	49.161	ug/L	100
38) Bromodichloromethane	7.108	83	101497	49.580	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	122848	52.431	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	232845	102.897	ug/L	98
42) Toluene	7.973	91	325762	51.636	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	120901	52.537	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	76053	49.219	ug/L	98
46) Tetrachloroethene	8.555	164	57474	50.493	ug/L	98
48) 2-Hexanone	8.687	43	203720	100.664	ug/L	98
49) Dibromochloromethane	8.812	129	82738	50.990	ug/L	96
50) 1,2-Dibromoethane	8.925	107	85580	51.085	ug/L	99
51) Chlorobenzene	9.449	112	202098	49.515	ug/L	100
52) Ethylbenzene	9.571	91	355259	52.323	ug/L	99
53) m,p-Xylene	9.697	106	139511	52.688	ug/L	99
54) o-xylene	10.102	106	136513	53.132	ug/L	100
55) Styrene	10.115	104	234319	53.417	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	133475	50.384	ug/L	99
59) Bromoform	10.292	173	62548	51.259	ug/L	100
60) 1,2,3-Trichloropropane	10.825	75	112886	49.508	ug/L	98
61) Isopropylbenzene	10.488	105	362795	53.606	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	312172	55.340	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	310128	54.951	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	165299	51.419	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	167613	50.449	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	162363	50.153	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	31035	51.092	ug/L	92
69) 1,3,5-Trichlorobenzene	13.221	180	123545	52.743	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	113187	54.453	ug/L	100
71) Naphthalene	14.086	128	430456	59.510	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	118863	56.076	ug/L	99

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



#2

Dichlorodifluoromethane

Concen: 48.930 ug/L

RT: 1.388 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU046022.D

Acq: 29 Nov 2021 14:44

Instrument :

MSVOA_U

ClientSampleId :

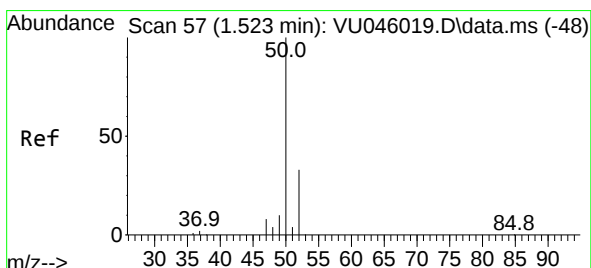
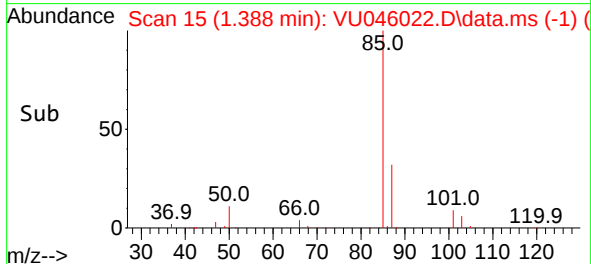
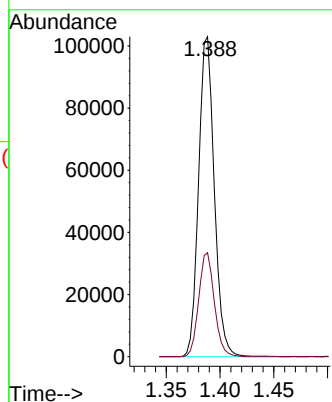
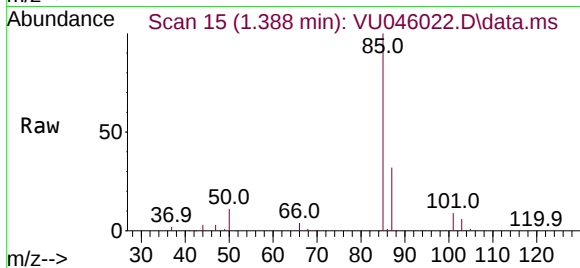
VICV036

Tgt Ion: 85 Resp: 104644

Ion Ratio Lower Upper

85 100

87 32.3 25.7 38.5



#3

Chloromethane

Concen: 46.875 ug/L

RT: 1.523 min Scan# 57

Delta R.T. 0.000 min

Lab File: VU046022.D

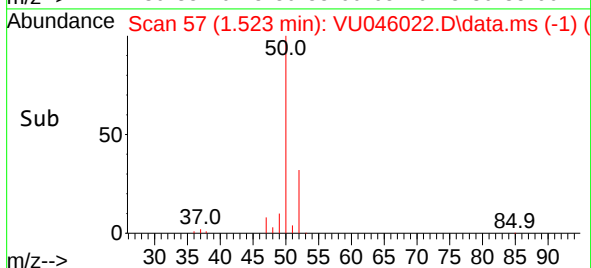
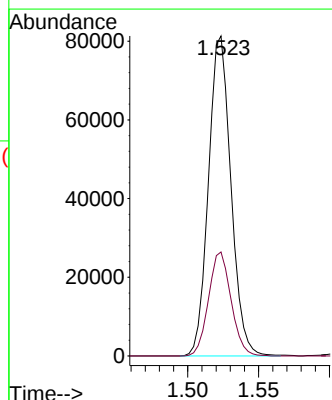
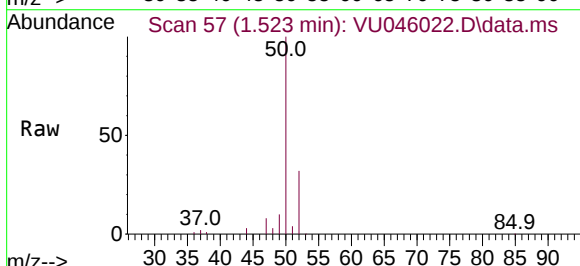
Acq: 29 Nov 2021 14:44

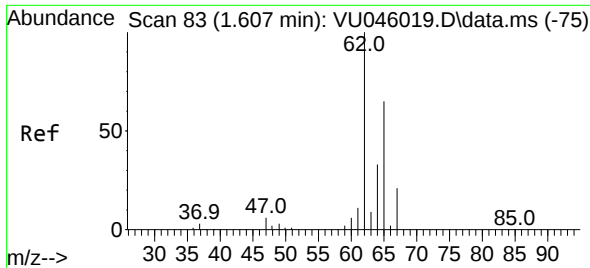
Tgt Ion: 50 Resp: 89668

Ion Ratio Lower Upper

50 100

52 32.5 23.2 43.2

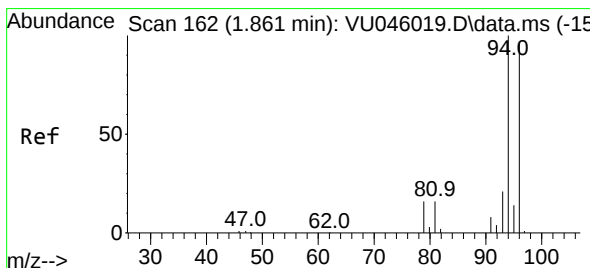
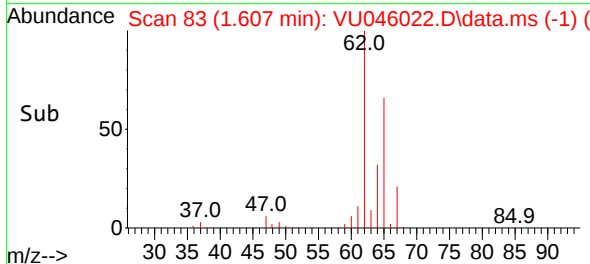
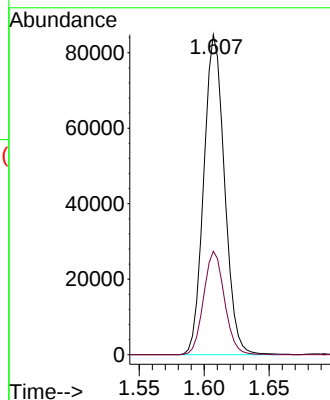
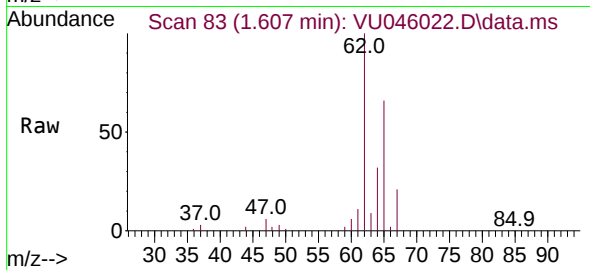




#5
 Vinyl chloride
 Concen: 48.967 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU046022.D
 Acq: 29 Nov 2021 14:44

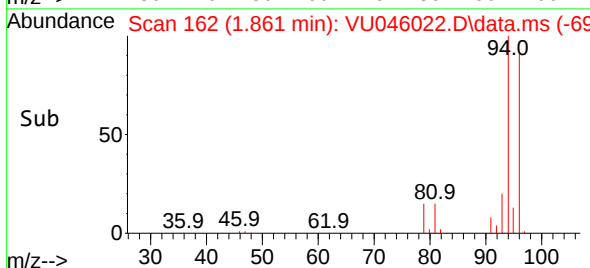
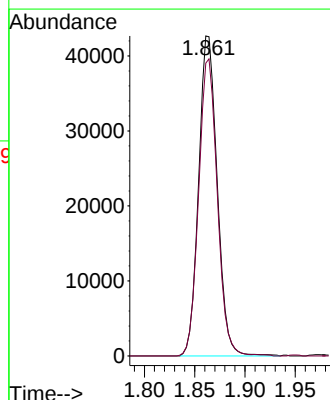
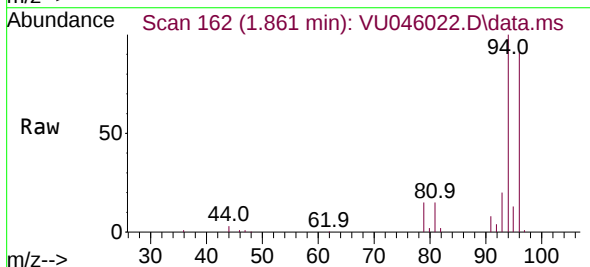
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV036

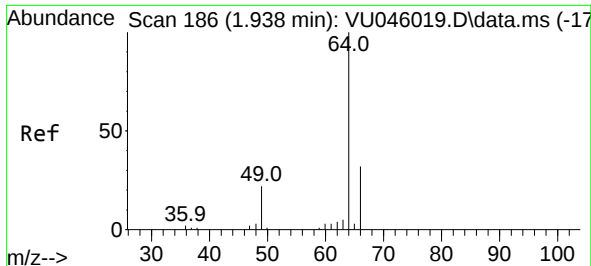
Tgt Ion: 62 Resp: 94447
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.9 42.5



#6
 Bromomethane
 Concen: 50.202 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU046022.D
 Acq: 29 Nov 2021 14:44

Tgt Ion: 94 Resp: 54881
 Ion Ratio Lower Upper
 94 100
 96 91.5 67.4 125.2

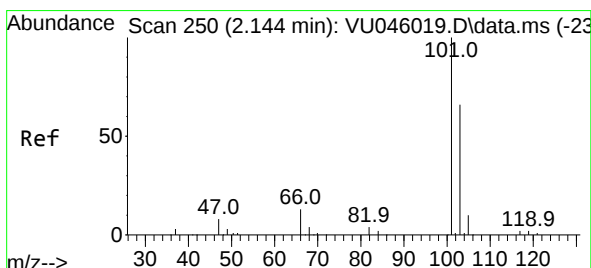
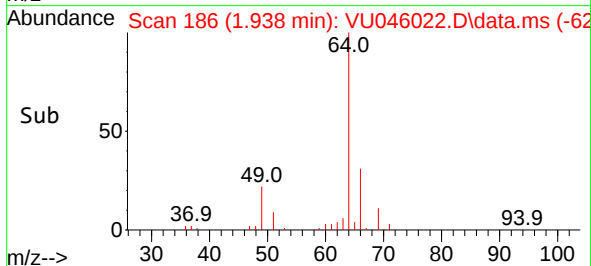
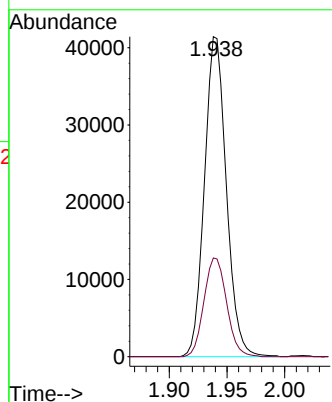
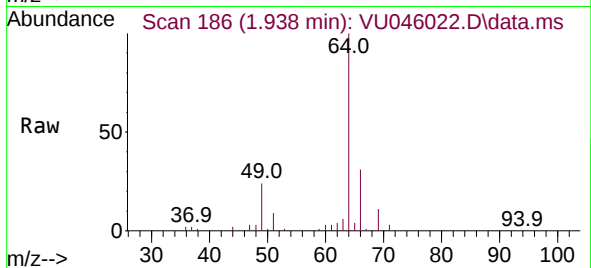




#8
Chloroethane
Concen: 48.837 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046022.D
Acq: 29 Nov 2021 14:44

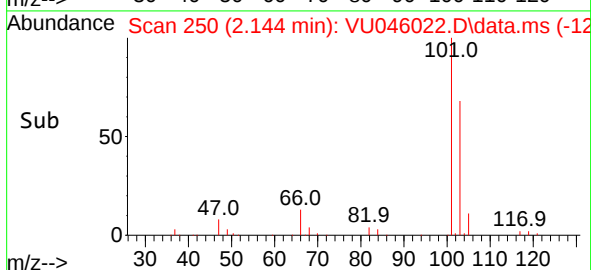
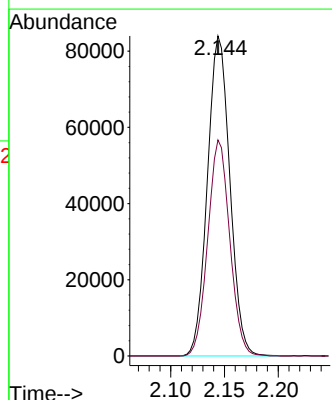
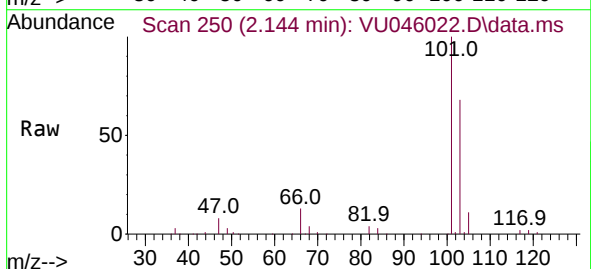
Instrument :
MSVOA_U
ClientSampleId :
VICV036

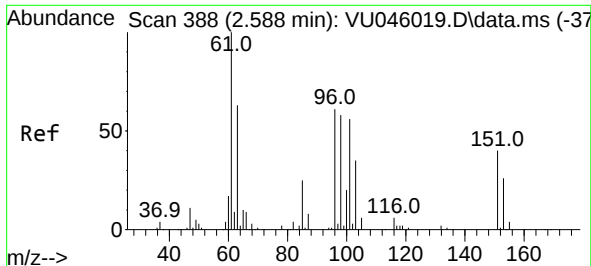
Tgt Ion: 64 Resp: 54540
Ion Ratio Lower Upper
64 100
66 30.9 22.5 41.9



#9
Trichlorofluoromethane
Concen: 48.475 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU046022.D
Acq: 29 Nov 2021 14:44

Tgt Ion:101 Resp: 122068
Ion Ratio Lower Upper
101 100
103 66.0 51.8 77.6

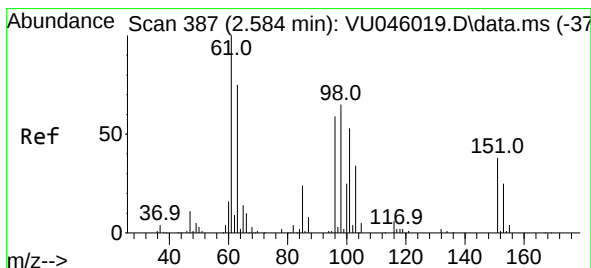
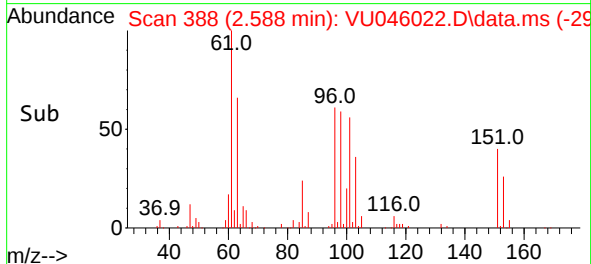
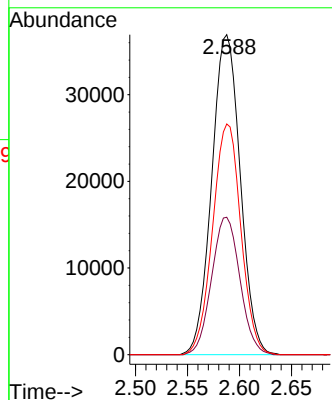
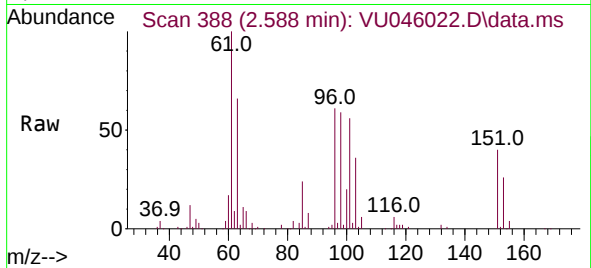




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.467 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU046022.D
 Acq: 29 Nov 2021 14:44

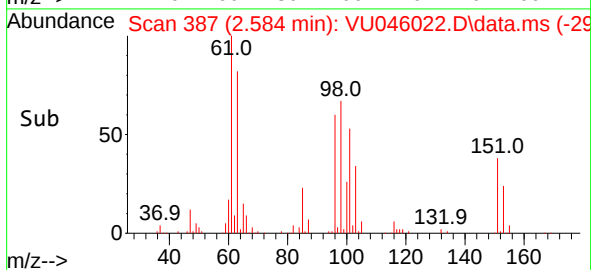
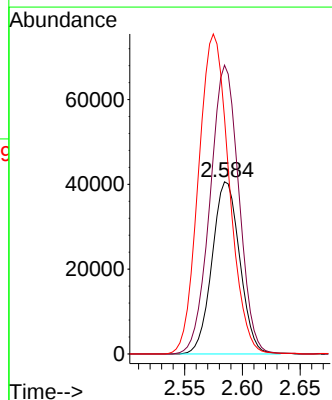
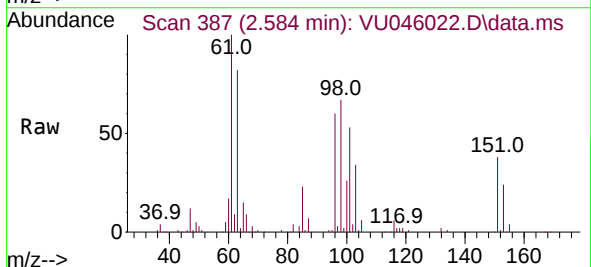
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV036

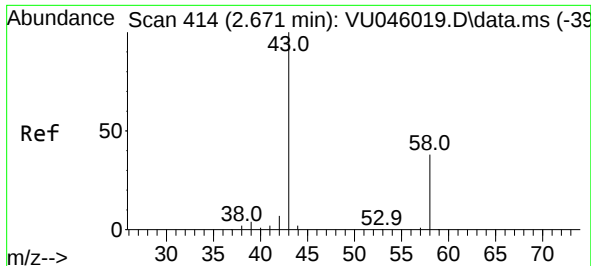
Tgt Ion: 101 Resp: 70755
 Ion Ratio Lower Upper
 101 100
 85 42.6 35.1 52.7
 151 71.3 56.7 85.1



#12
 1,1-Dichloroethene
 Concen: 49.671 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU046022.D
 Acq: 29 Nov 2021 14:44

Tgt Ion: 96 Resp: 67512
 Ion Ratio Lower Upper
 96 100
 61 167.8 118.6 220.2
 63 137.1 93.0 172.8





#13

Acetone

Concen: 85.904 ug/L

RT: 2.671 min Scan# 414

Delta R.T. 0.000 min

Lab File: VU046022.D

Acq: 29 Nov 2021 14:44

Instrument :

MSVOA_U

ClientSampleId :

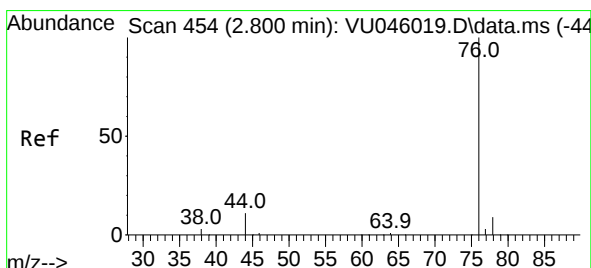
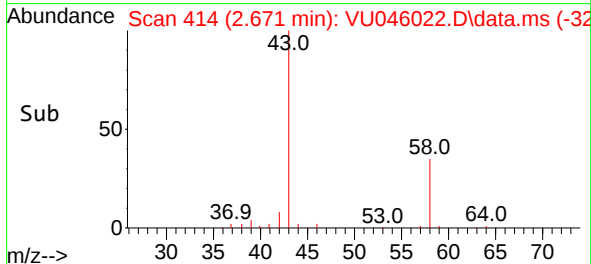
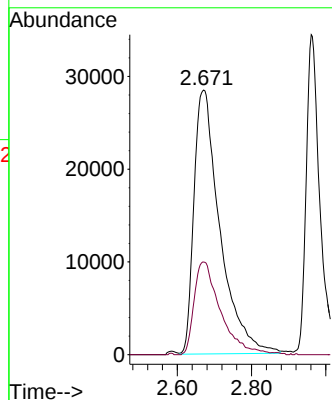
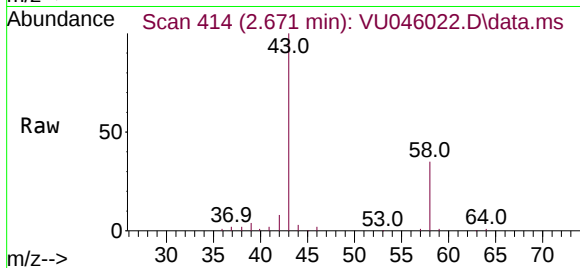
VICV036

Tgt Ion: 43 Resp: 138199

Ion Ratio Lower Upper

43 100

58 32.9 0.0 66.8



#14

Carbon disulfide

Concen: 48.769 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU046022.D

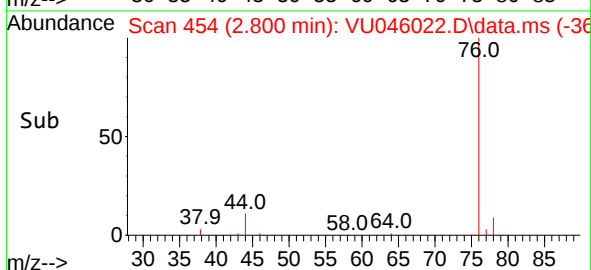
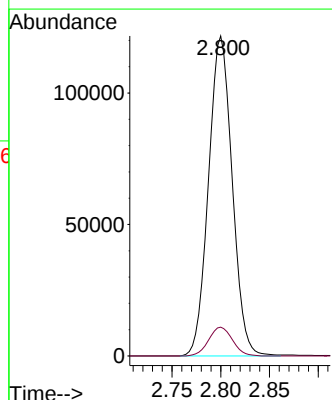
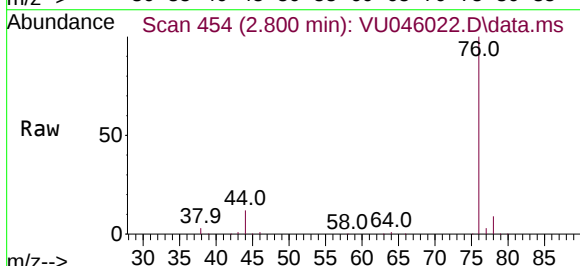
Acq: 29 Nov 2021 14:44

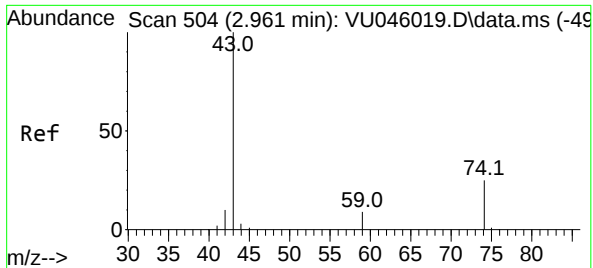
Tgt Ion: 76 Resp: 205656

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

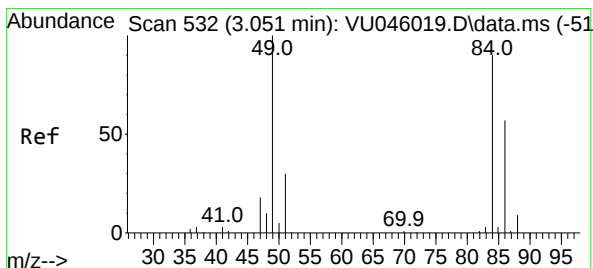
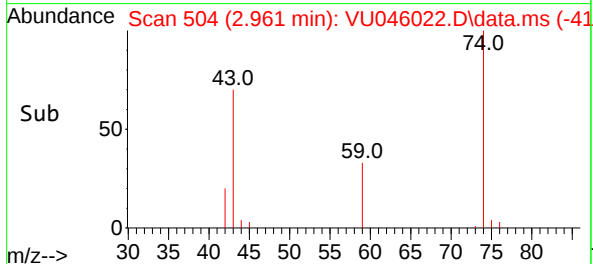
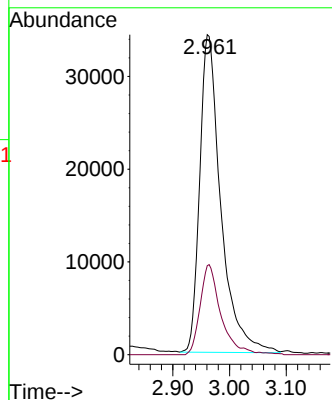
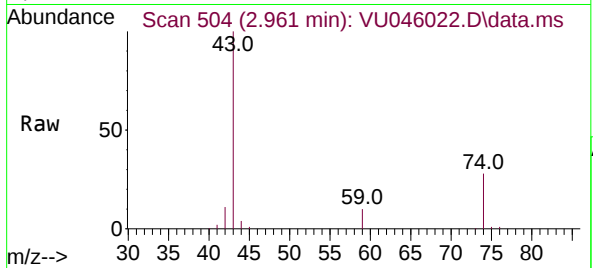




#15
Methyl Acetate
Concen: 47.238 ug/L
RT: 2.961 min Scan# 504
Delta R.T. 0.000 min
Lab File: VU046022.D
Acq: 29 Nov 2021 14:44

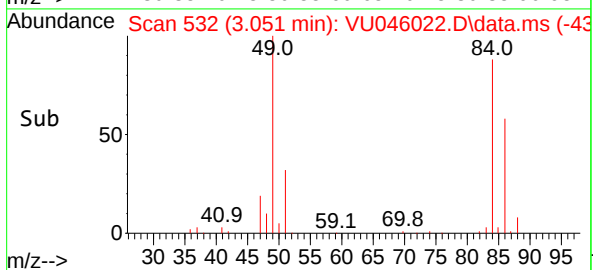
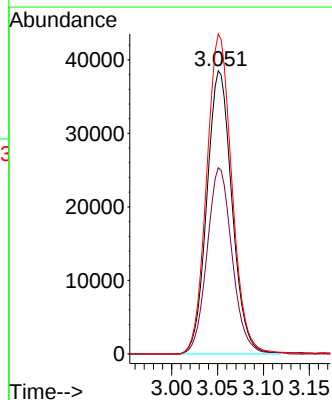
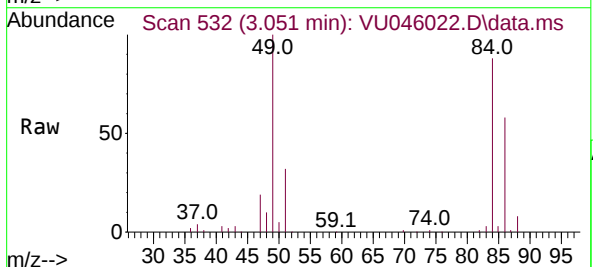
Instrument :
MSVOA_U
ClientSampleId :
VICV036

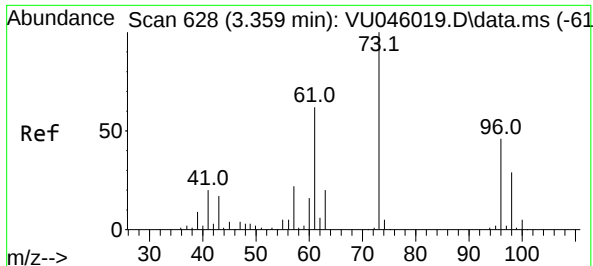
Tgt Ion: 43 Resp: 88591
Ion Ratio Lower Upper
43 100
74 26.7 20.8 31.2



#16
Methylene chloride
Concen: 45.386 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU046022.D
Acq: 29 Nov 2021 14:44

Tgt Ion: 84 Resp: 73394
Ion Ratio Lower Upper
84 100
86 65.7 44.7 83.1
49 113.0 78.4 145.6

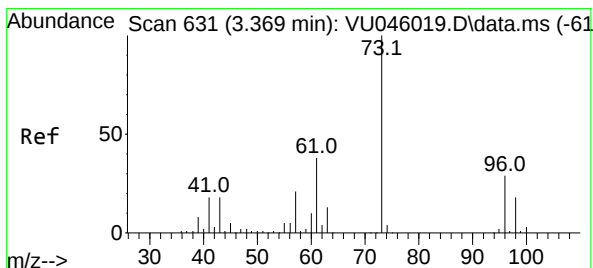
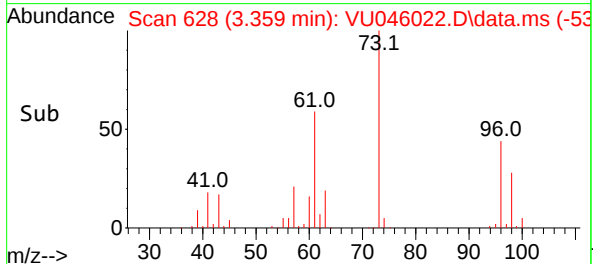
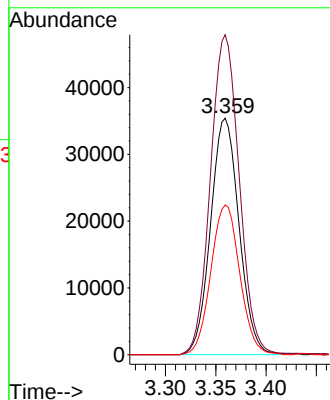
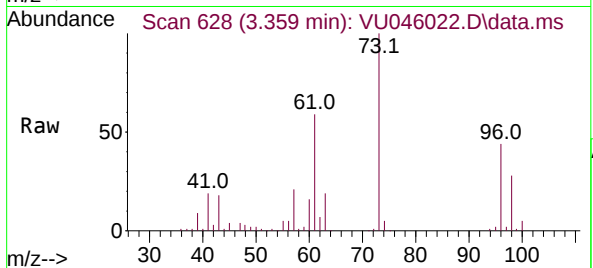




#17
trans-1,2-Dichloroethene
Concen: 48.540 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU046022.D
Acq: 29 Nov 2021 14:44

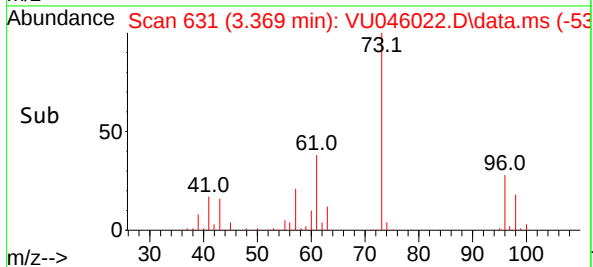
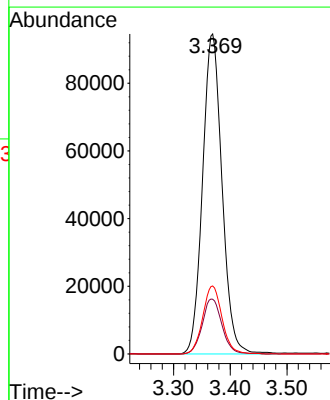
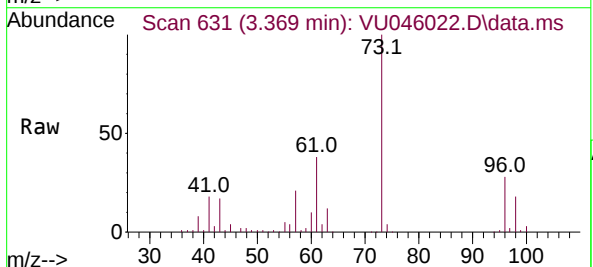
Instrument :
MSVOA_U
ClientSampleId :
VICV036

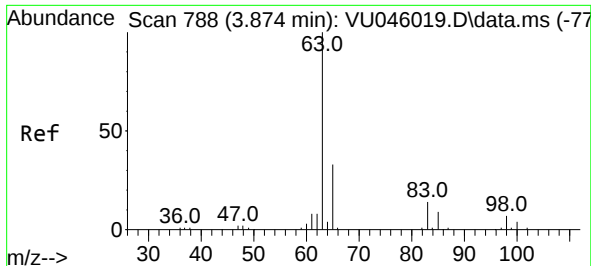
Tgt Ion:	96	Resp:	69819
Ion	Ratio	Lower	Upper
96	100		
61	135.3	94.6	175.6
98	63.3	44.0	81.8



#18
Methyl tert-butyl Ether
Concen: 50.966 ug/L
RT: 3.369 min Scan# 631
Delta R.T. 0.000 min
Lab File: VU046022.D
Acq: 29 Nov 2021 14:44

Tgt Ion:	73	Resp:	225924
Ion	Ratio	Lower	Upper
73	100		
43	17.3	14.0	21.0
57	21.1	17.0	25.4





#19

1,1-Dichloroethane

Concen: 47.855 ug/L

RT: 3.874 min Scan# 788

Delta R.T. 0.000 min

Lab File: VU046022.D

Acq: 29 Nov 2021 14:44

Instrument :

MSVOA_U

ClientSampleId :

VICV036

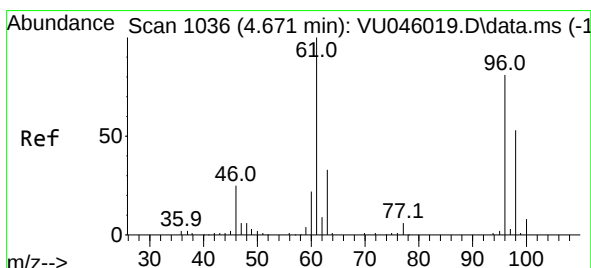
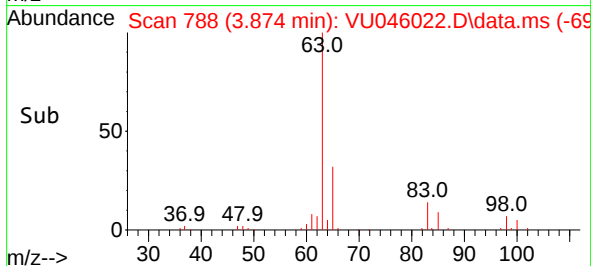
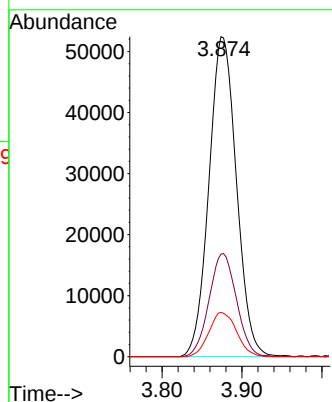
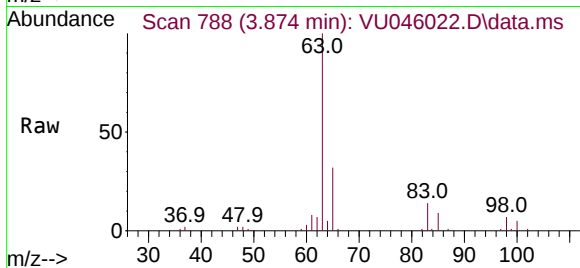
Tgt Ion: 63 Resp: 125156

Ion Ratio Lower Upper

63 100

65 32.0 22.8 42.4

83 13.9 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 49.399 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU046022.D

Acq: 29 Nov 2021 14:44

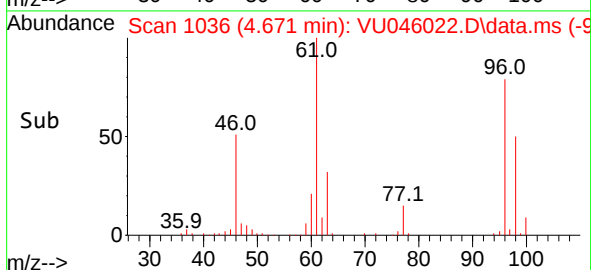
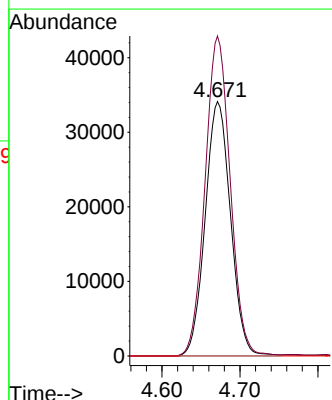
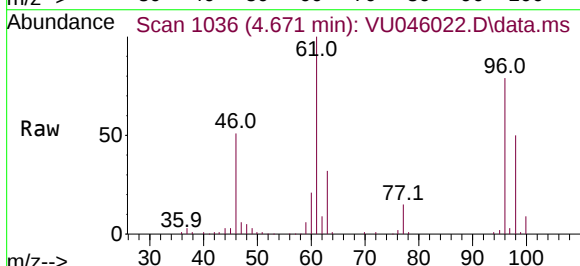
Tgt Ion: 96 Resp: 77098

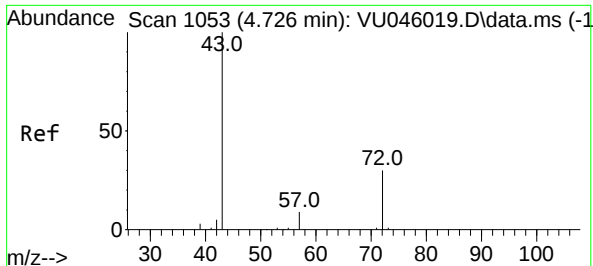
Ion Ratio Lower Upper

96 100

61 125.8 86.8 161.2

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 89.603 ug/L

RT: 4.726 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VU046022.D

Acq: 29 Nov 2021 14:44

Instrument :

MSVOA_U

ClientSampleId :

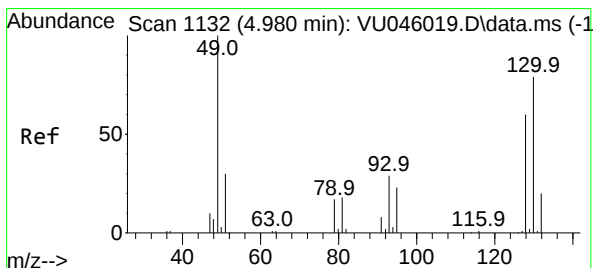
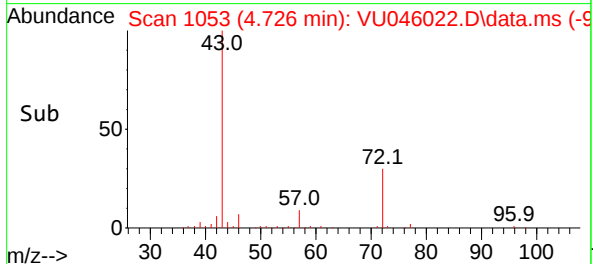
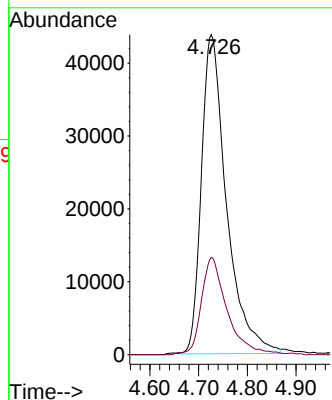
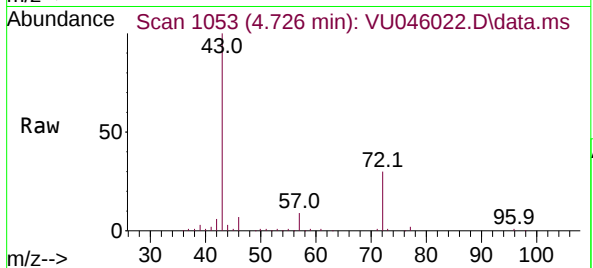
VICV036

Tgt Ion: 43 Resp: 156921

Ion Ratio Lower Upper

43 100

72 29.0 14.5 43.6



#23

Bromochloromethane

Concen: 50.293 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU046022.D

Acq: 29 Nov 2021 14:44

Tgt Ion: 128 Resp: 39644

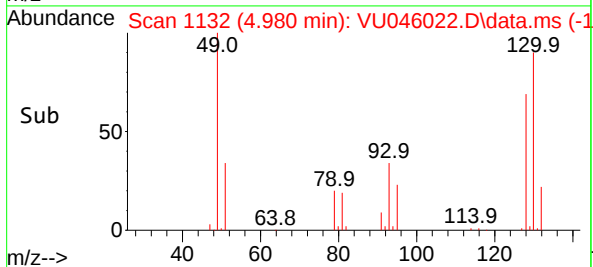
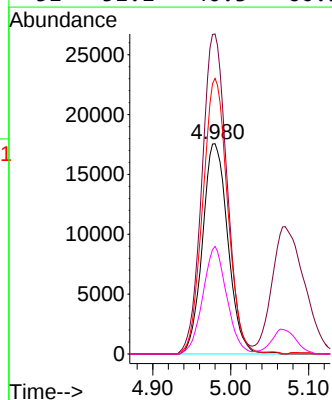
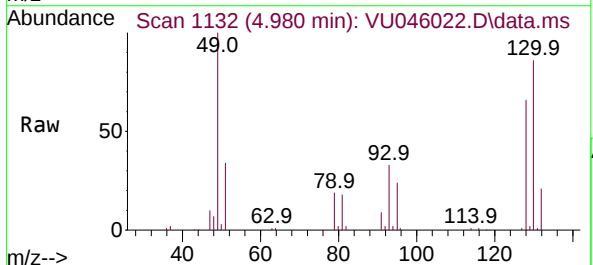
Ion Ratio Lower Upper

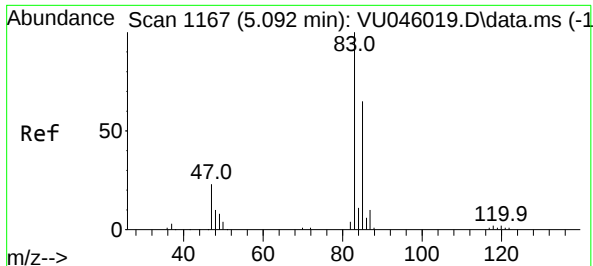
128 100

49 152.2 115.9 215.3

130 131.0 91.8 170.4

51 51.1 40.3 60.5





#25

Chloroform

Concen: 47.104 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU046022.D

Acq: 29 Nov 2021 14:44

Instrument :

MSVOA_U

ClientSampleId :

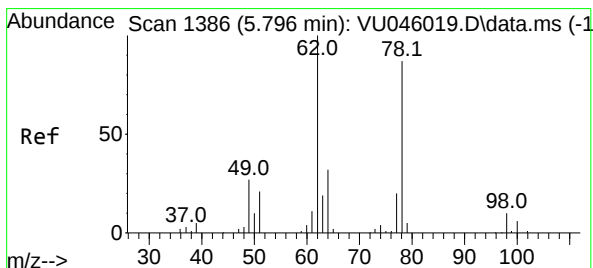
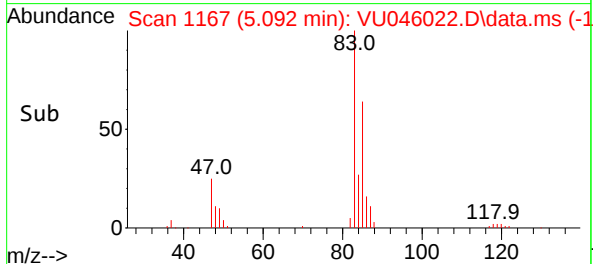
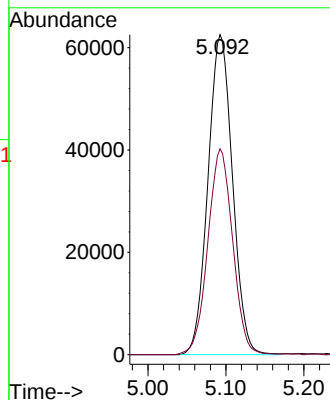
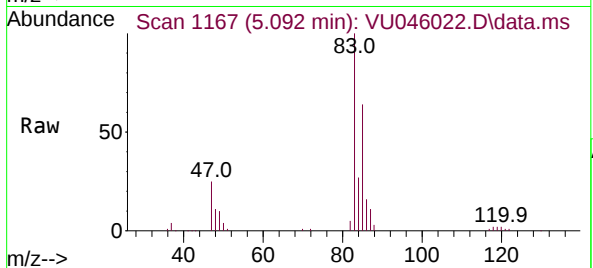
VICV036

Tgt Ion: 83 Resp: 136874

Ion Ratio Lower Upper

83 100

85 64.4 45.8 85.2



#27

1,2-Dichloroethane

Concen: 48.403 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU046022.D

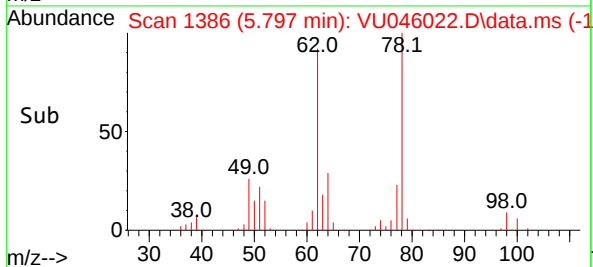
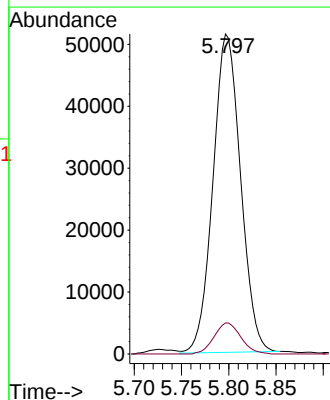
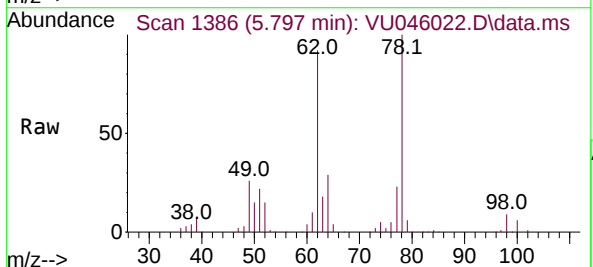
Acq: 29 Nov 2021 14:44

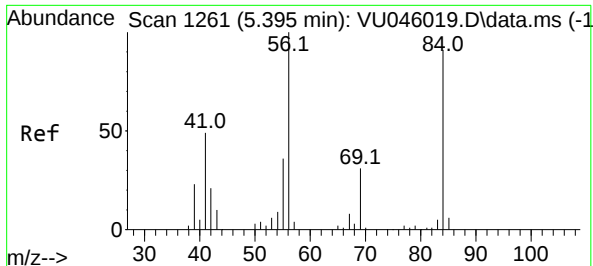
Tgt Ion: 62 Resp: 104370

Ion Ratio Lower Upper

62 100

98 9.7 7.9 11.9





#29

Cyclohexane

Concen: 51.900 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU046022.D

Acq: 29 Nov 2021 14:44

Instrument :

MSVOA_U

ClientSampleId :

VICV036

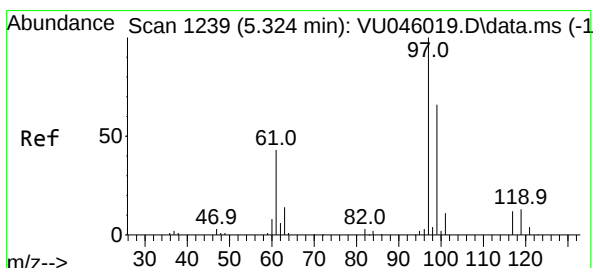
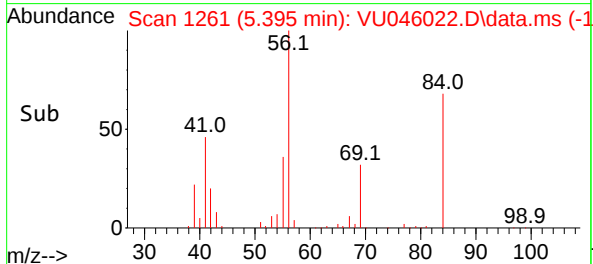
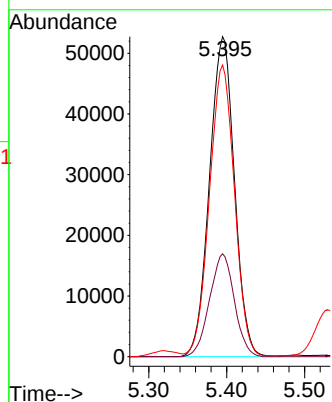
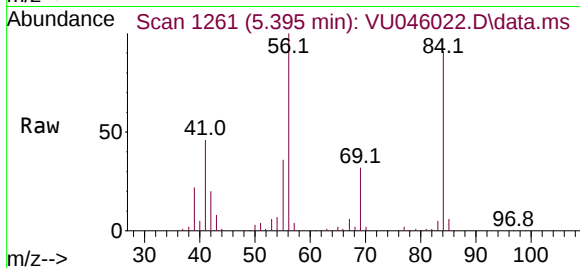
Tgt Ion: 56 Resp: 117400

Ion Ratio Lower Upper

56 100

69 31.9 25.2 37.8

84 91.2 73.3 109.9



#30

1,1,1-Trichloroethane

Concen: 49.993 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.003 min

Lab File: VU046022.D

Acq: 29 Nov 2021 14:44

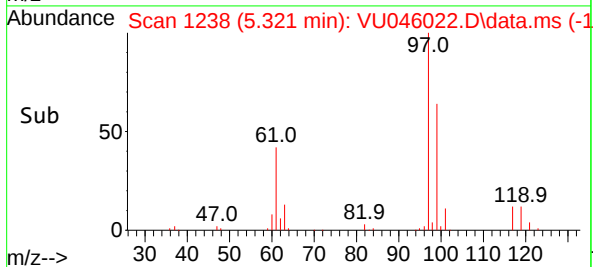
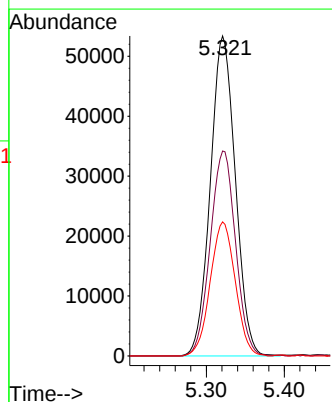
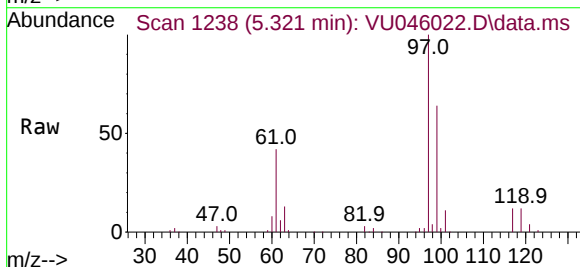
Tgt Ion: 97 Resp: 119212

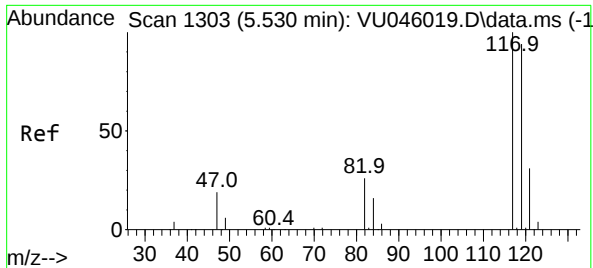
Ion Ratio Lower Upper

97 100

99 64.9 51.8 77.6

61 41.9 34.4 51.6

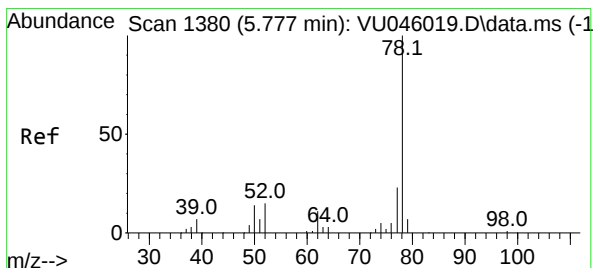
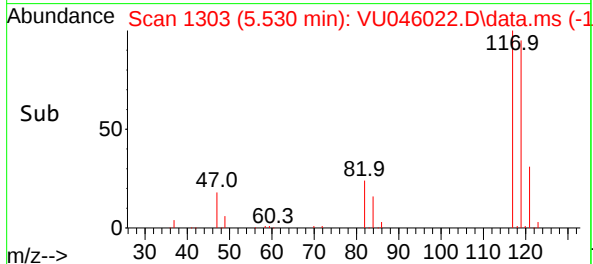
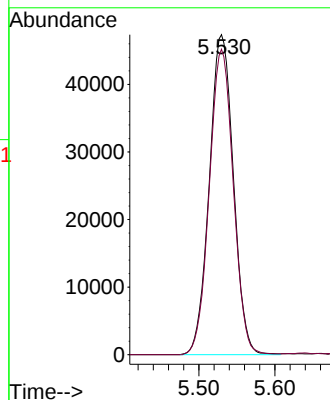
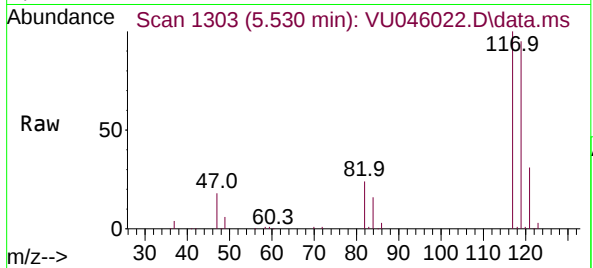




#31
Carbon tetrachloride
Concen: 51.454 ug/L
RT: 5.530 min Scan# 111
Delta R.T. 0.000 min
Lab File: VU046022.D
Acq: 29 Nov 2021 14:44

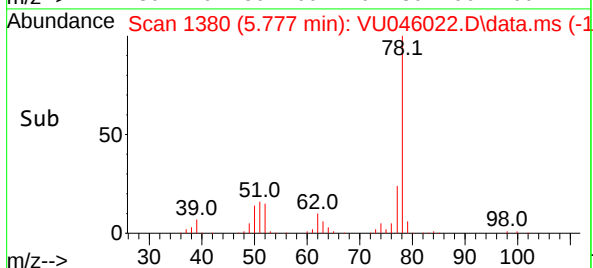
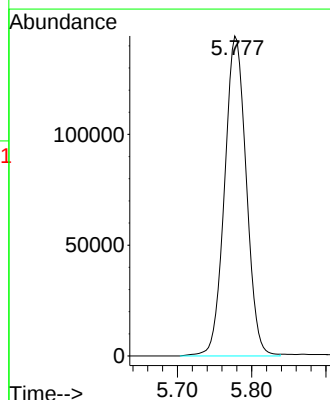
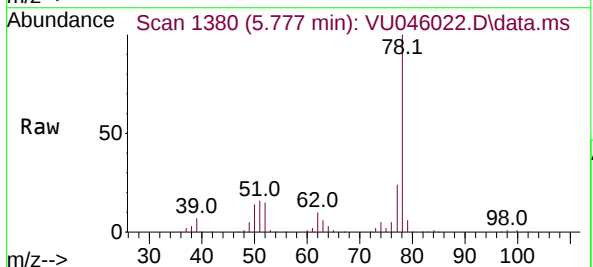
Instrument :
MSVOA_U
ClientSampleId :
VICV036

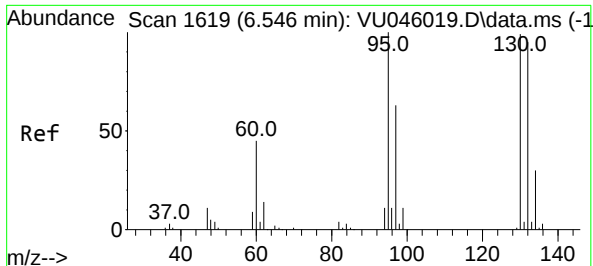
Tgt Ion:117 Resp: 104162
Ion Ratio Lower Upper
117 100
119 94.8 75.7 113.5



#33
Benzene
Concen: 49.814 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU046022.D
Acq: 29 Nov 2021 14:44

Tgt Ion: 78 Resp: 292882



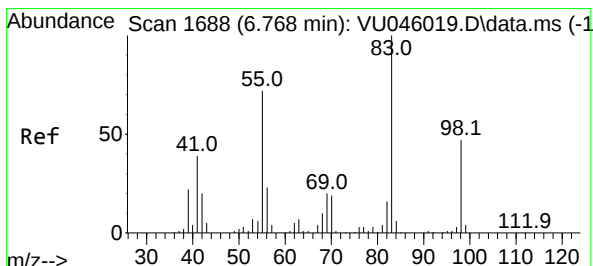
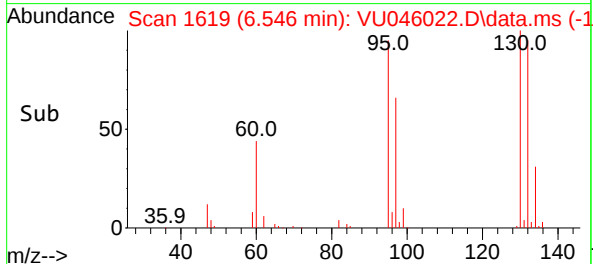
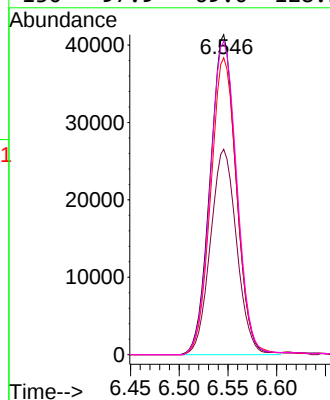
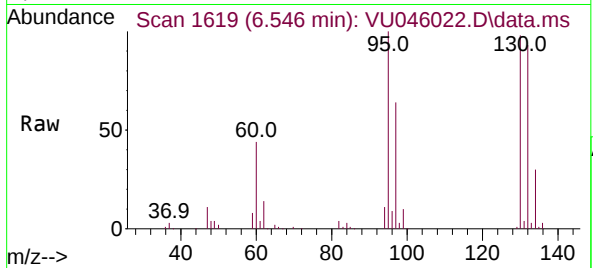


#34
Trichloroethene
Concen: 49.477 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046022.D
Acq: 29 Nov 2021 14:44

Instrument :
MSVOA_U
ClientSampleId :
VICV036

Tgt Ion: 95 Resp: 76636

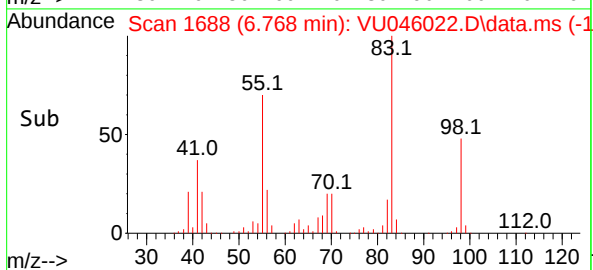
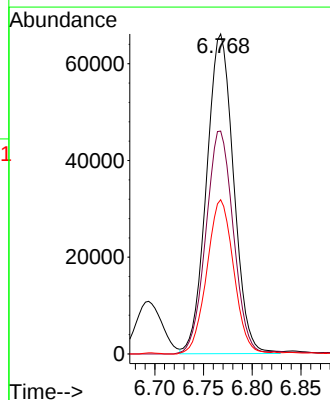
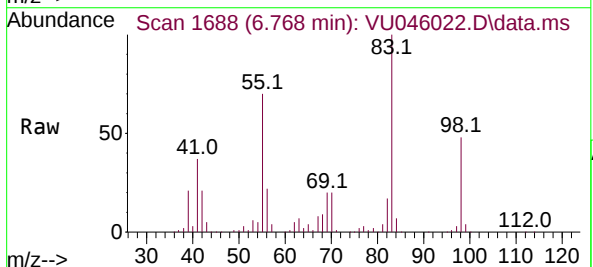
Ion	Ratio	Lower	Upper
95	100		
97	64.2	44.1	81.9
132	92.8	66.8	124.0
130	97.9	69.0	128.1

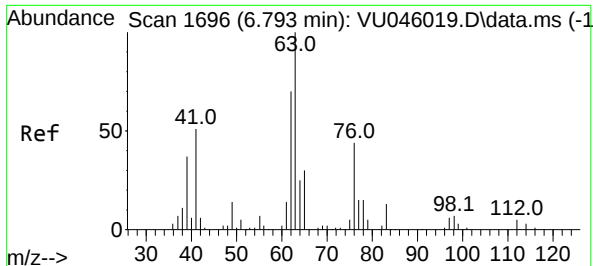


#35
Methylcyclohexane
Concen: 53.147 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU046022.D
Acq: 29 Nov 2021 14:44

Tgt Ion: 83 Resp: 127641

Ion	Ratio	Lower	Upper
83	100		
55	70.9	57.8	86.6
98	47.9	38.4	57.6





#37

1,2-Dichloropropane

Concen: 49.161 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU046022.D

Acq: 29 Nov 2021 14:44

Instrument :

MSVOA_U

ClientSampleId :

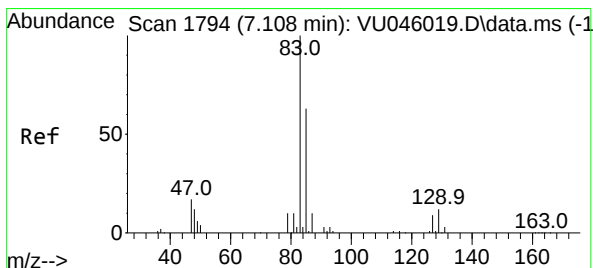
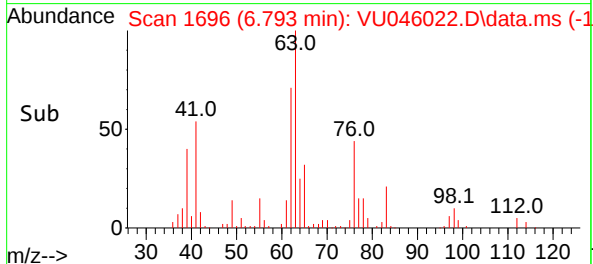
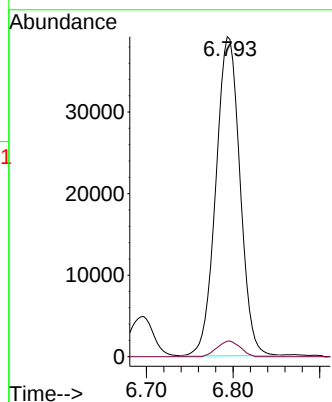
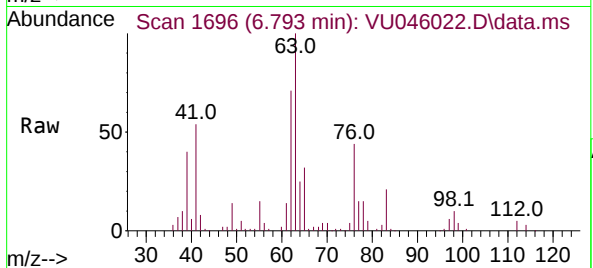
VICV036

Tgt Ion: 63 Resp: 75716

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.6



#38

Bromodichloromethane

Concen: 49.580 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU046022.D

Acq: 29 Nov 2021 14:44

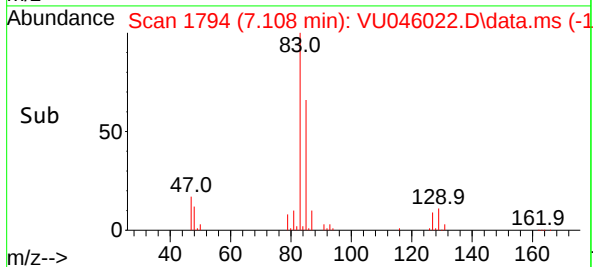
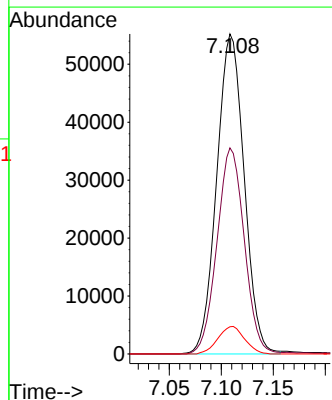
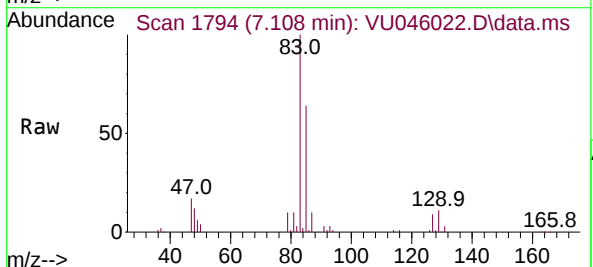
Tgt Ion: 83 Resp: 101497

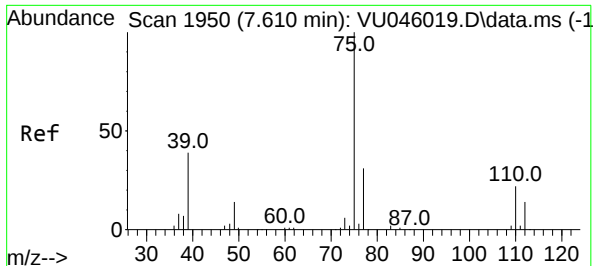
Ion Ratio Lower Upper

83 100

85 64.4 44.4 82.5

127 8.5 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 52.431 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU046022.D

Acq: 29 Nov 2021 14:44

Instrument :

MSVOA_U

ClientSampleId :

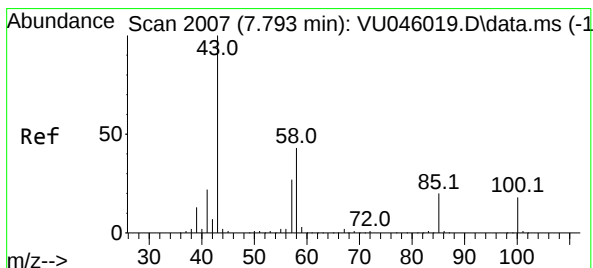
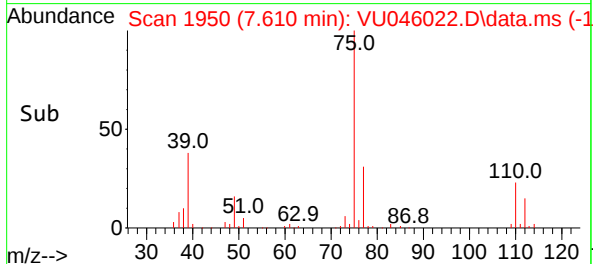
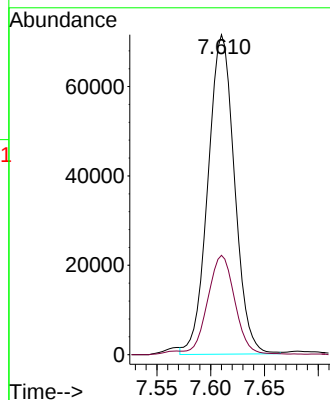
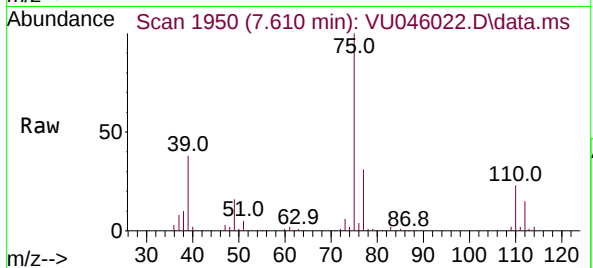
VICV036

Tgt Ion: 75 Resp: 122848

Ion Ratio Lower Upper

75 100

77 31.1 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 102.897 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU046022.D

Acq: 29 Nov 2021 14:44

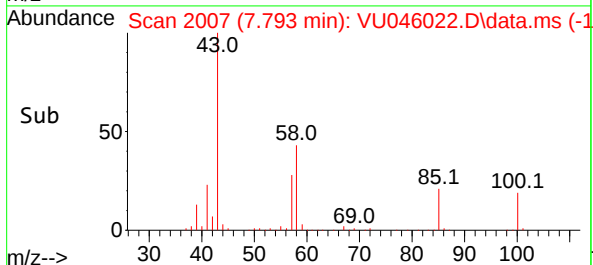
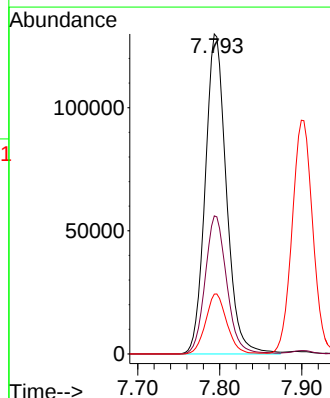
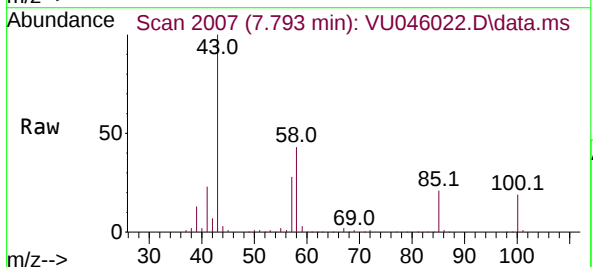
Tgt Ion: 43 Resp: 232845

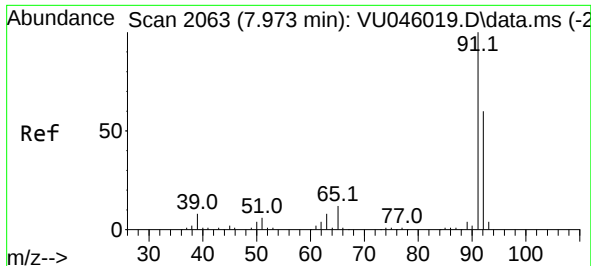
Ion Ratio Lower Upper

43 100

58 44.1 34.2 51.4

100 18.9 14.5 21.7





#42

Toluene

Concen: 51.636 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU046022.D

Acq: 29 Nov 2021 14:44

Instrument :

MSVOA_U

ClientSampleId :

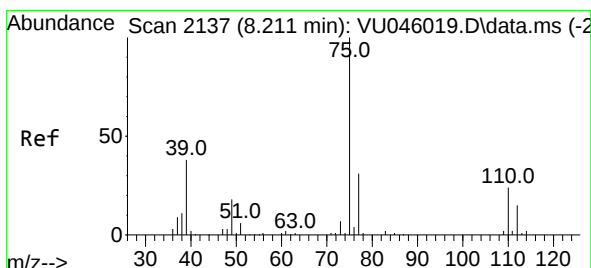
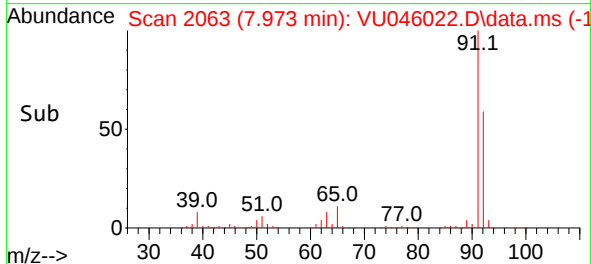
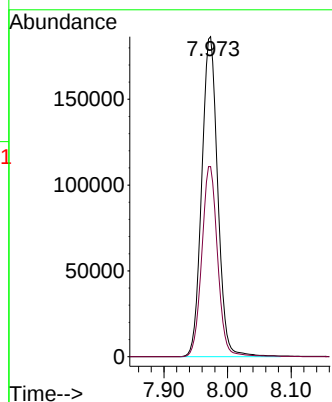
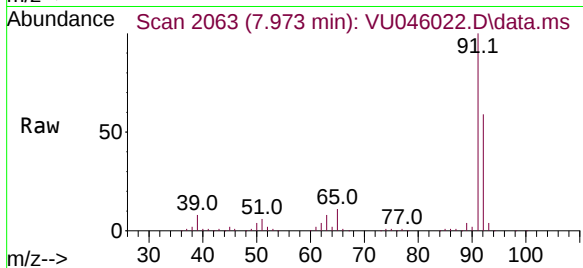
VICV036

Tgt Ion: 91 Resp: 325762

Ion Ratio Lower Upper

91 100

92 59.4 41.9 77.7



#44

trans-1,3-Dichloropropene

Concen: 52.537 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU046022.D

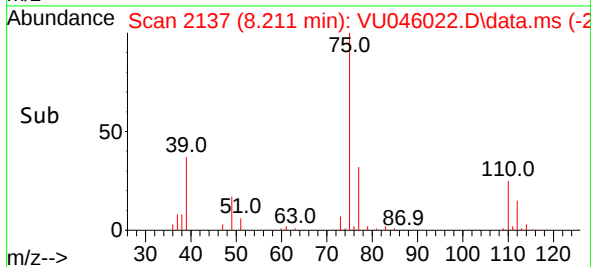
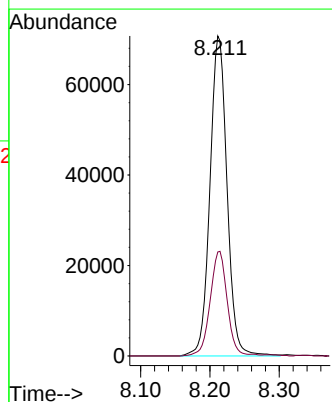
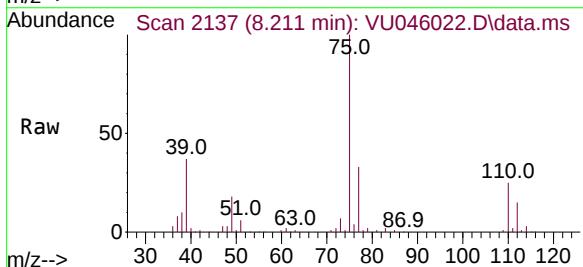
Acq: 29 Nov 2021 14:44

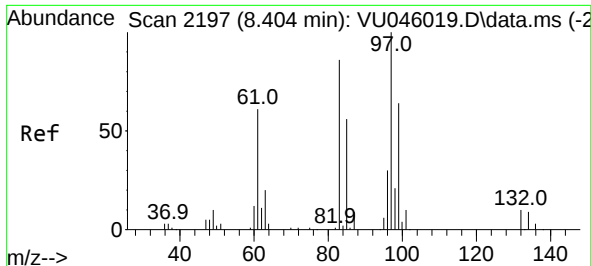
Tgt Ion: 75 Resp: 120901

Ion Ratio Lower Upper

75 100

77 32.5 21.7 40.3

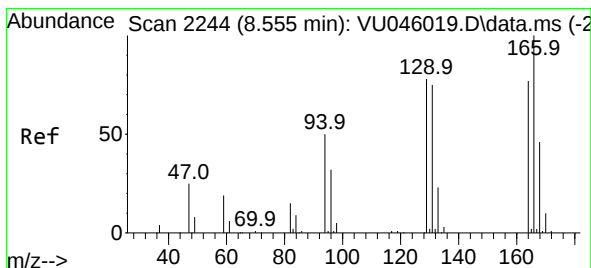
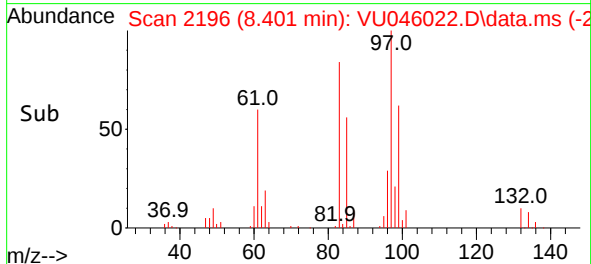
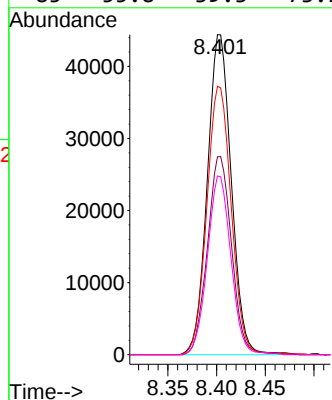
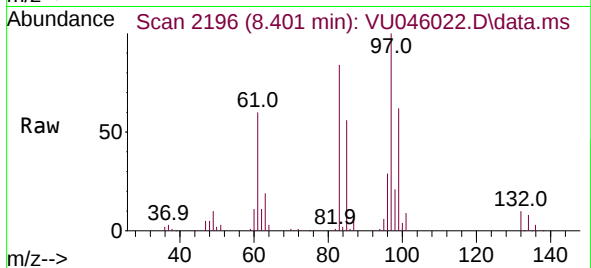




#45
1,1,2-Trichloroethane
Concen: 49.219 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU046022.D
Acq: 29 Nov 2021 14:44

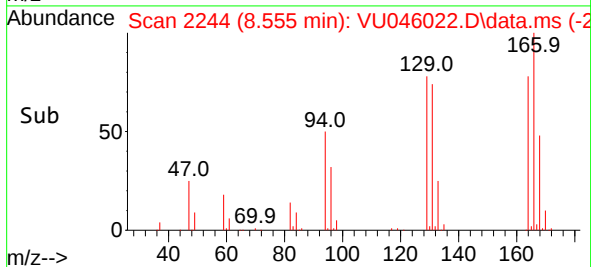
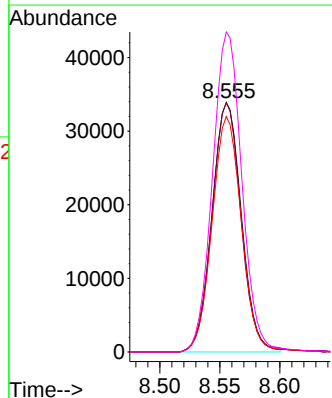
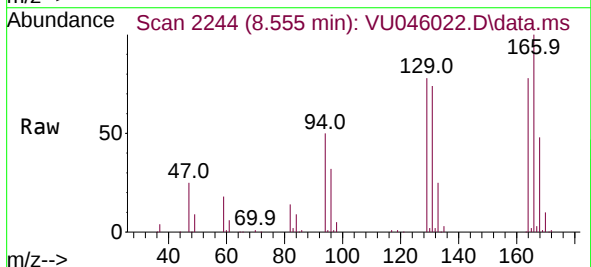
Instrument :
MSVOA_U
ClientSampleId :
VICV036

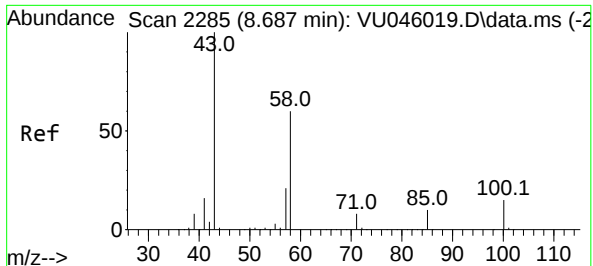
Tgt Ion:	97	Resp:	76053
Ion	Ratio	Lower	Upper
97	100		
99	61.9	44.7	82.9
83	83.9	60.2	111.8
85	55.8	39.3	73.1



#46
Tetrachloroethene
Concen: 50.493 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046022.D
Acq: 29 Nov 2021 14:44

Tgt Ion:	164	Resp:	57474
Ion	Ratio	Lower	Upper
164	100		
129	100.1	71.1	132.1
131	94.4	67.8	126.0
166	128.3	90.6	168.2



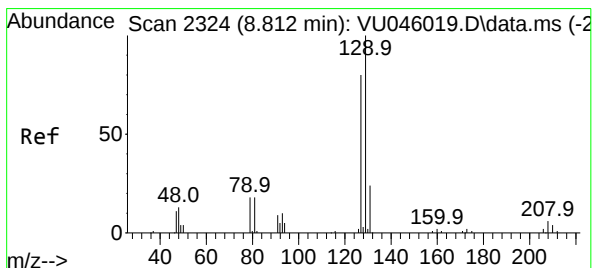
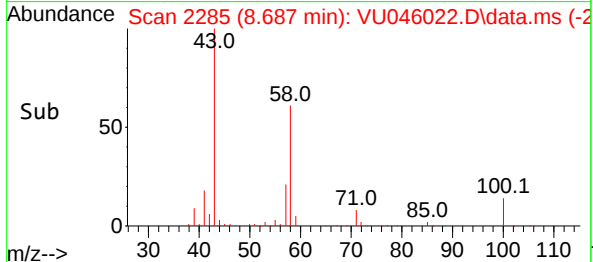
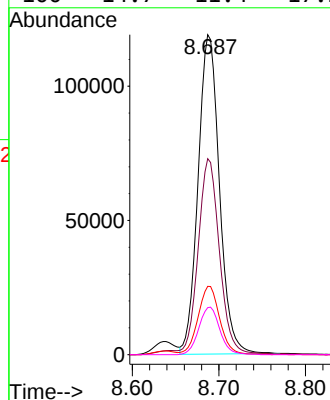
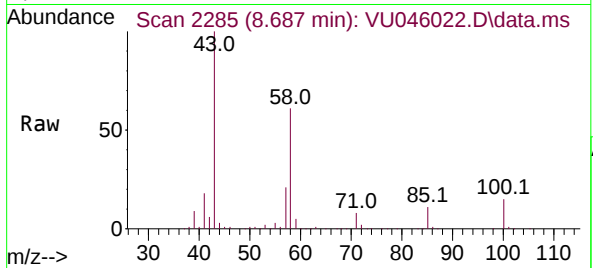


#48
2-Hexanone
Concen: 100.664 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046022.D
Acq: 29 Nov 2021 14:44

Instrument :
MSVOA_U
ClientSampleId :
VICV036

Tgt Ion: 43 Resp: 203720

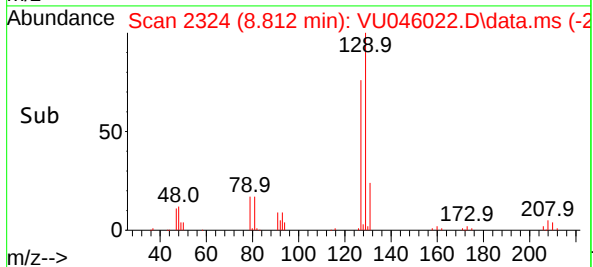
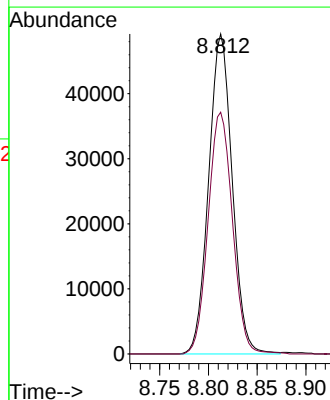
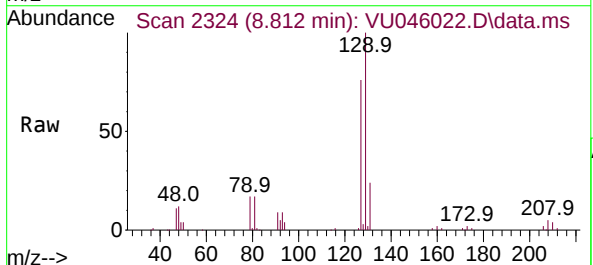
Ion	Ratio	Lower	Upper
43	100		
58	60.8	47.4	71.2
57	21.9	16.6	25.0
100	14.7	11.4	17.2

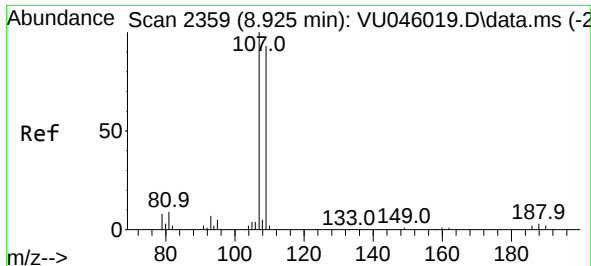


#49
Dibromochloromethane
Concen: 50.990 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU046022.D
Acq: 29 Nov 2021 14:44

Tgt Ion: 129 Resp: 82738

Ion	Ratio	Lower	Upper
129	100		
127	75.6	55.6	103.4

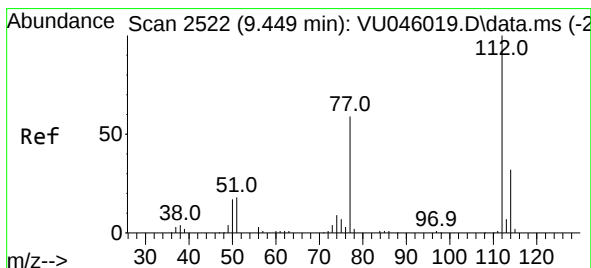
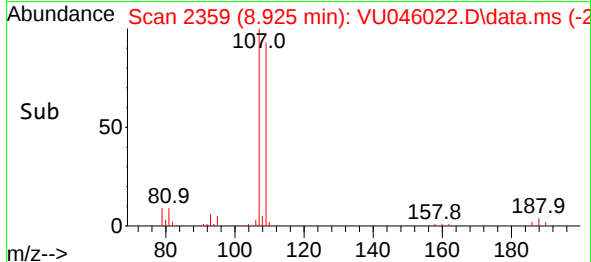
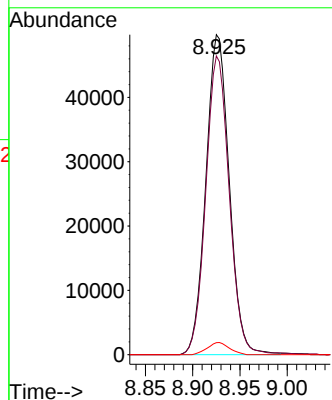
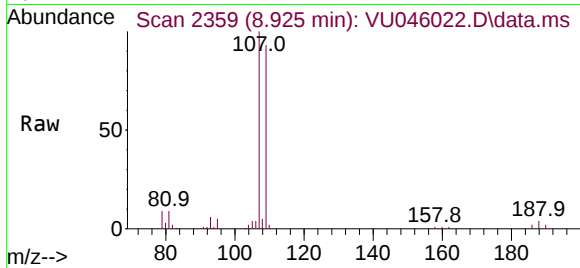




#50
1,2-Dibromoethane
Concen: 51.085 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046022.D
Acq: 29 Nov 2021 14:44

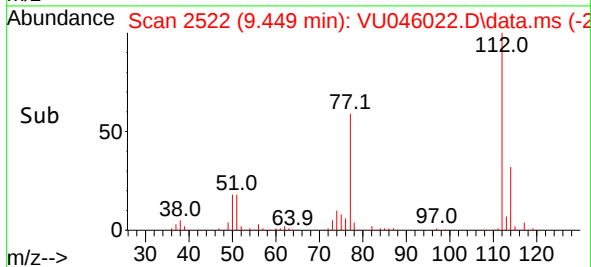
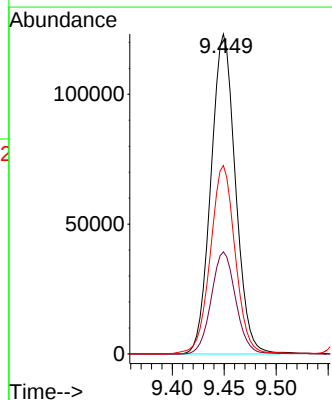
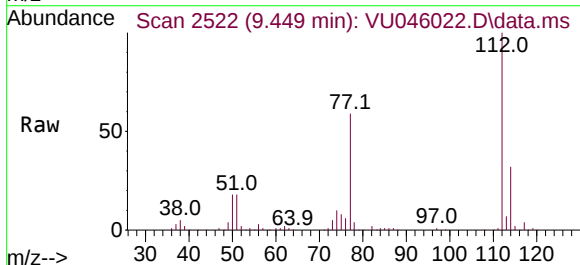
Instrument :
MSVOA_U
ClientSampleId :
VICV036

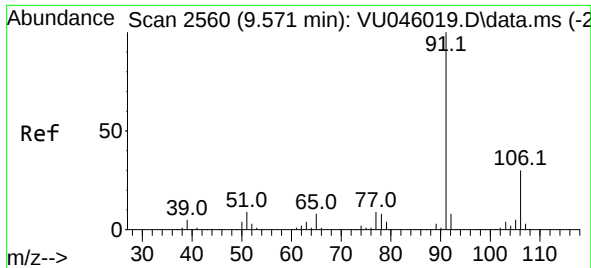
Tgt Ion:107 Resp: 85580
Ion Ratio Lower Upper
107 100
109 93.3 64.9 120.5
188 3.8 2.6 3.8



#51
Chlorobenzene
Concen: 49.515 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU046022.D
Acq: 29 Nov 2021 14:44

Tgt Ion:112 Resp: 202098
Ion Ratio Lower Upper
112 100
114 31.9 22.2 41.2
77 58.9 47.4 71.0

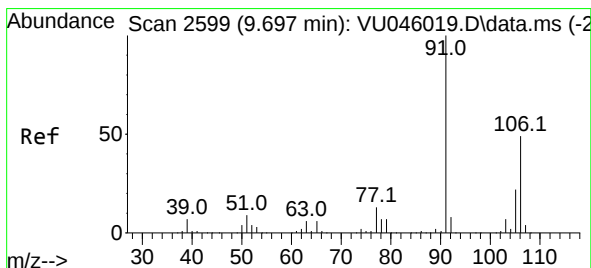
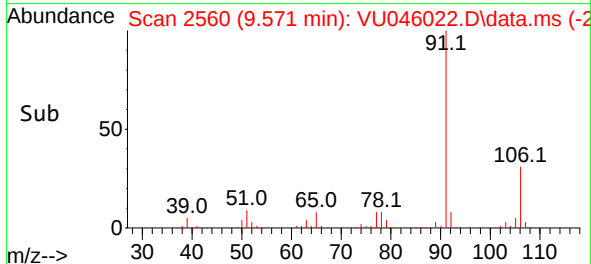
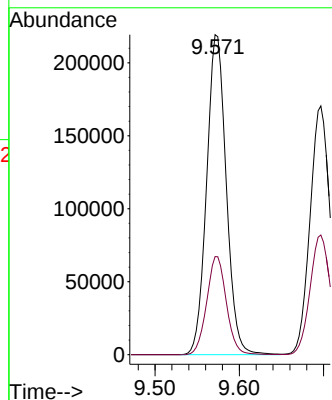
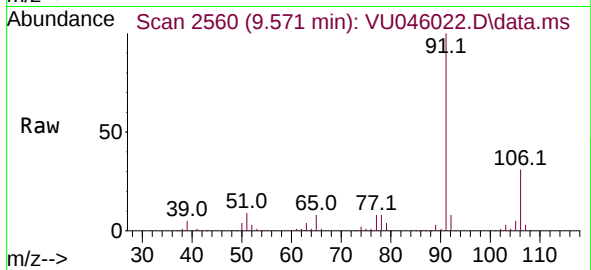




#52
Ethylbenzene
Concen: 52.323 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU046022.D
Acq: 29 Nov 2021 14:44

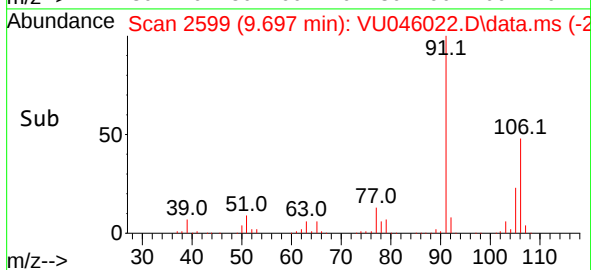
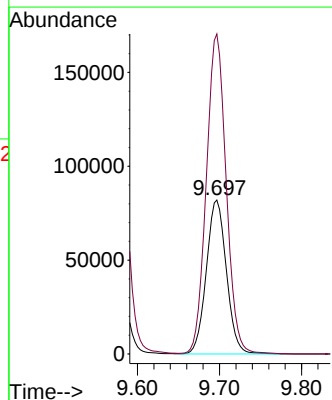
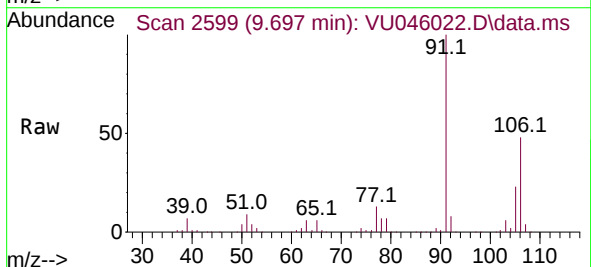
Instrument :
MSVOA_U
ClientSampleId :
VICV036

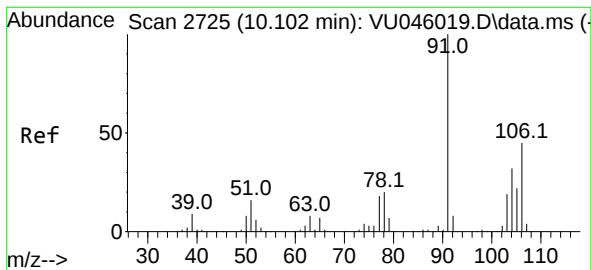
Tgt Ion: 91 Resp: 355259
Ion Ratio Lower Upper
91 100
106 30.6 21.1 39.3



#53
m,p-Xylene
Concen: 52.688 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU046022.D
Acq: 29 Nov 2021 14:44

Tgt Ion: 106 Resp: 139511
Ion Ratio Lower Upper
106 100
91 207.9 144.3 268.1





#54

o-xylene

Concen: 53.132 ug/L

RT: 10.102 min Scan# 2725

Delta R.T. 0.000 min

Lab File: VU046022.D

Acq: 29 Nov 2021 14:44

Instrument :

MSVOA_U

ClientSampleId :

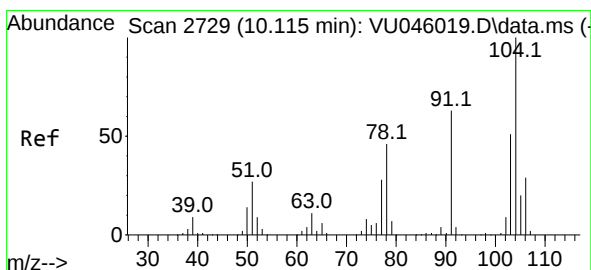
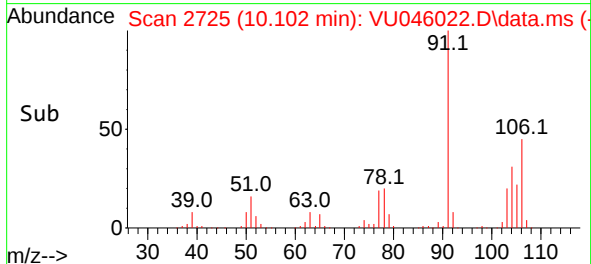
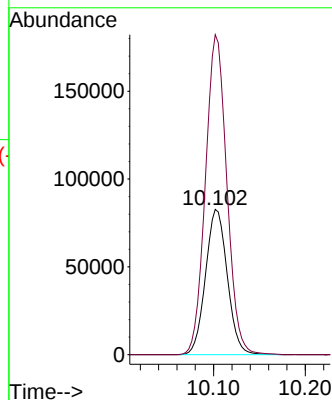
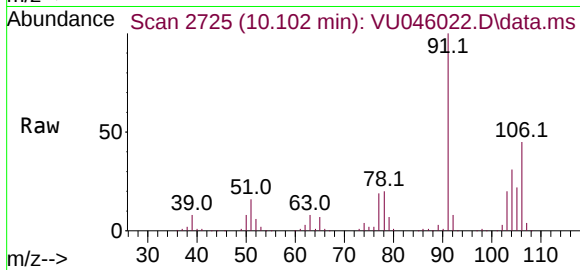
VICV036

Tgt Ion:106 Resp: 136513

Ion Ratio Lower Upper

106 100

91 220.3 154.2 286.4



#55

Styrene

Concen: 53.417 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. 0.000 min

Lab File: VU046022.D

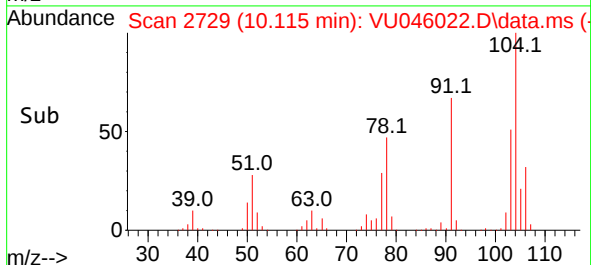
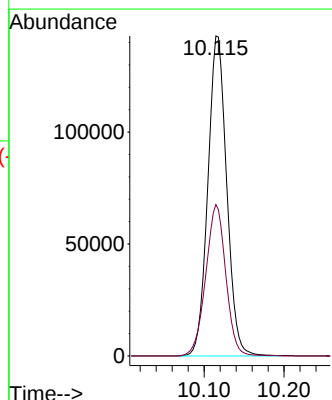
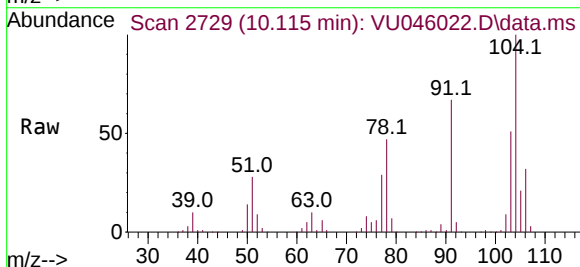
Acq: 29 Nov 2021 14:44

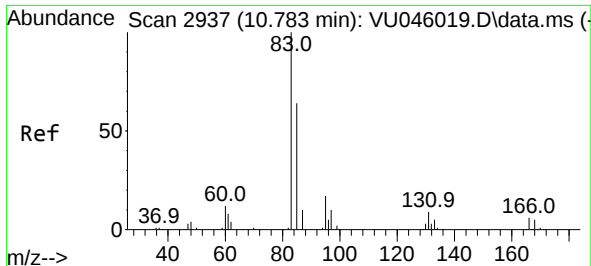
Tgt Ion:104 Resp: 234319

Ion Ratio Lower Upper

104 100

78 47.3 32.6 60.5





#57

1,1,2,2-Tetrachloroethane

Concen: 50.384 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU046022.D

Acq: 29 Nov 2021 14:44

Instrument :

MSVOA_U

ClientSampleId :

VICV036

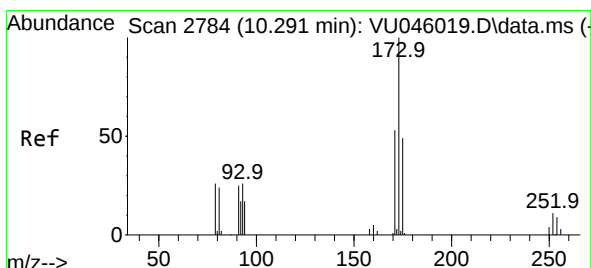
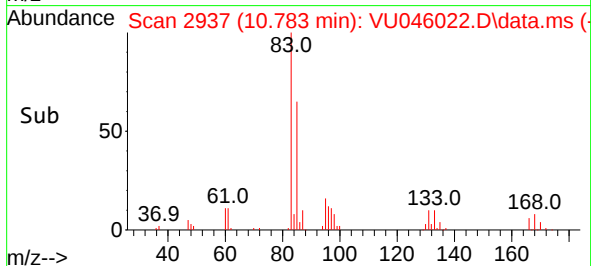
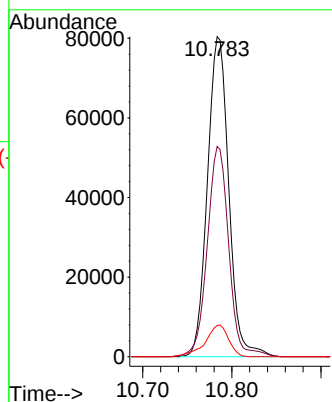
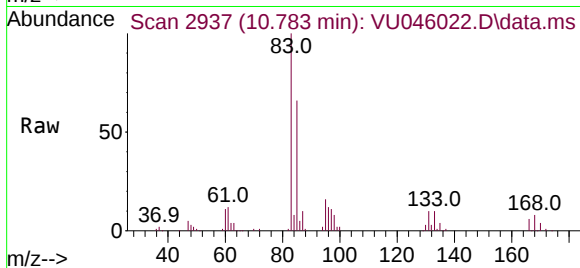
Tgt Ion: 83 Resp: 133475

Ion Ratio Lower Upper

83 100

85 65.7 45.6 84.6

131 9.8 7.8 11.6



#59

Bromoform

Concen: 51.259 ug/L

RT: 10.292 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU046022.D

Acq: 29 Nov 2021 14:44

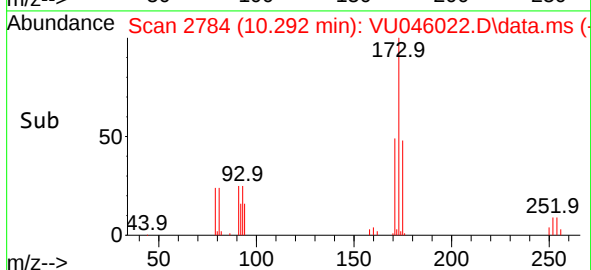
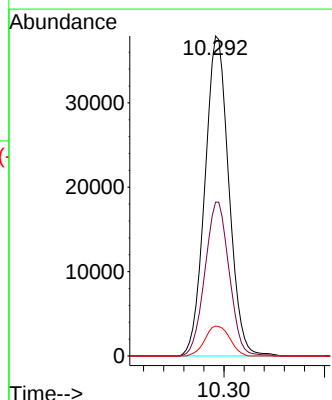
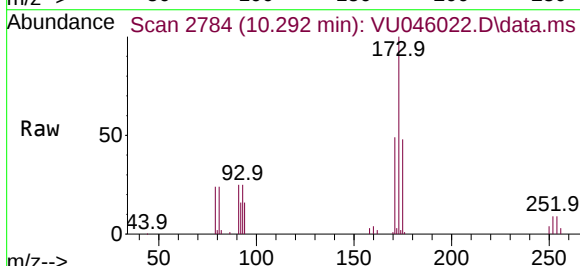
Tgt Ion:173 Resp: 62548

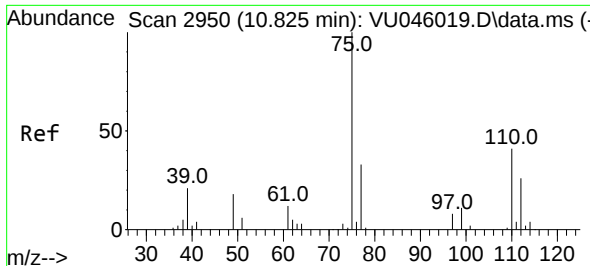
Ion Ratio Lower Upper

173 100

175 48.7 39.2 58.8

254 9.7 7.4 11.2

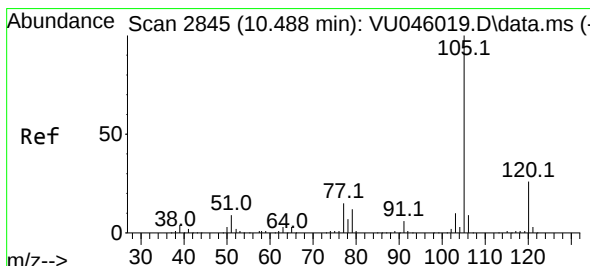
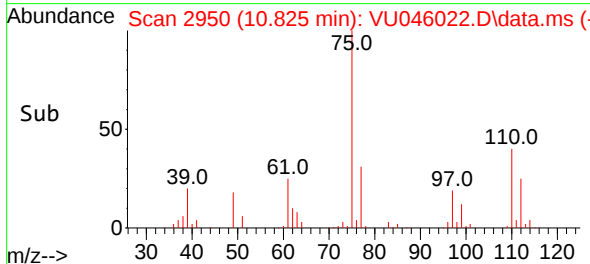
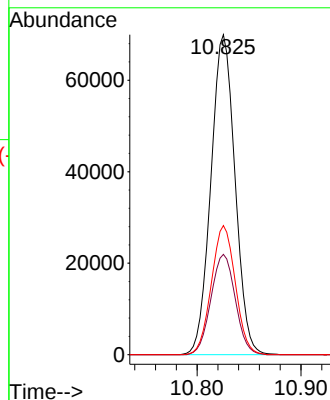
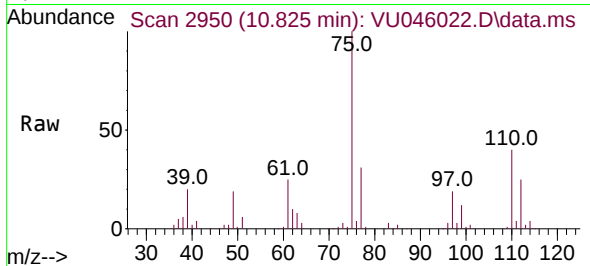




#60
1,2,3-Trichloropropane
Concen: 49.508 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU046022.D
Acq: 29 Nov 2021 14:44

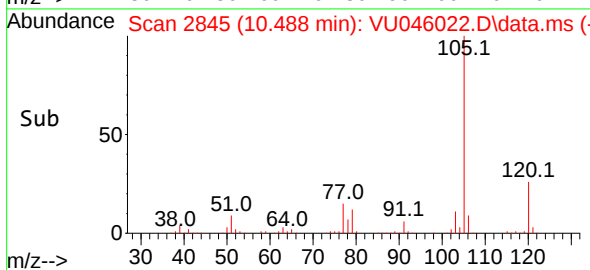
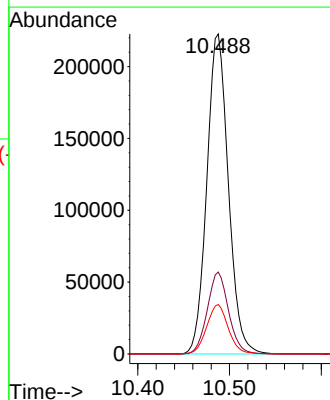
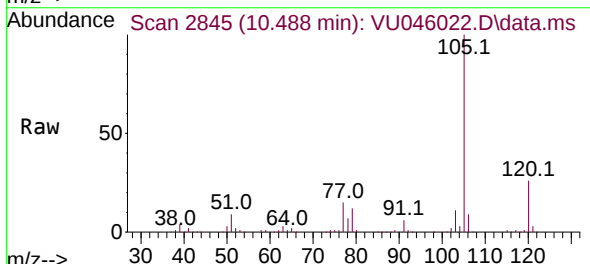
Instrument :
MSVOA_U
ClientSampleId :
VICV036

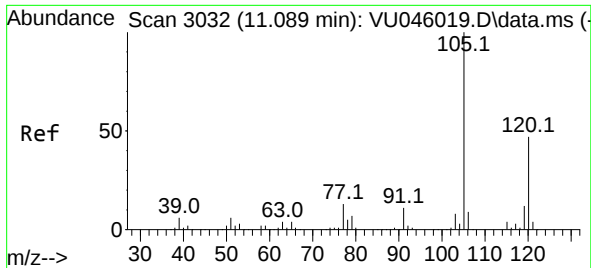
Tgt Ion: 75 Resp: 112886
Ion Ratio Lower Upper
75 100
77 31.6 26.4 39.6
110 40.0 32.4 48.6



#61
Isopropylbenzene
Concen: 53.606 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU046022.D
Acq: 29 Nov 2021 14:44

Tgt Ion: 105 Resp: 362795
Ion Ratio Lower Upper
105 100
120 25.3 20.7 31.1
77 15.5 12.2 18.4

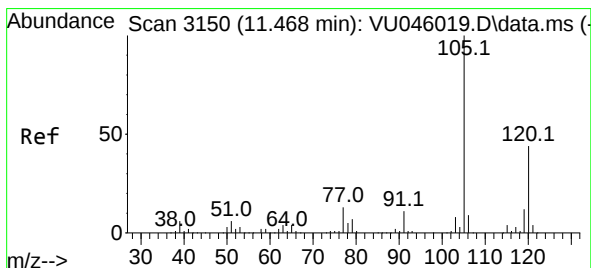
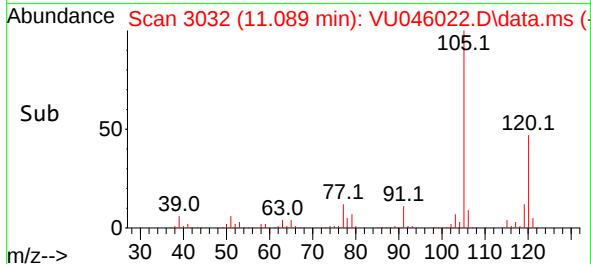
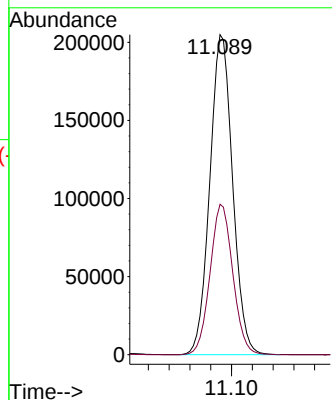
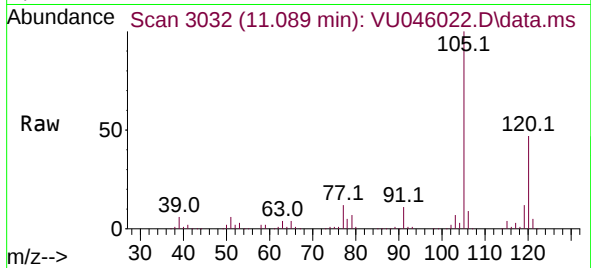




#62
1,3,5-Trimethylbenzene
Concen: 55.340 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU046022.D
Acq: 29 Nov 2021 14:44

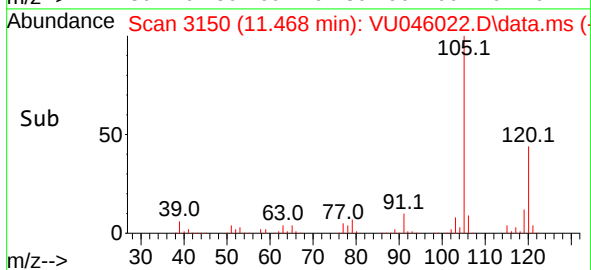
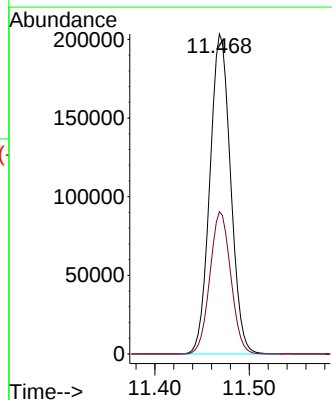
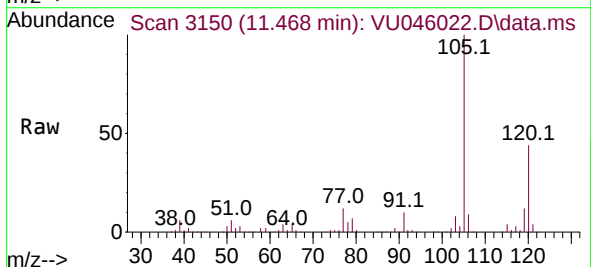
Instrument :
MSVOA_U
ClientSampleId :
VICV036

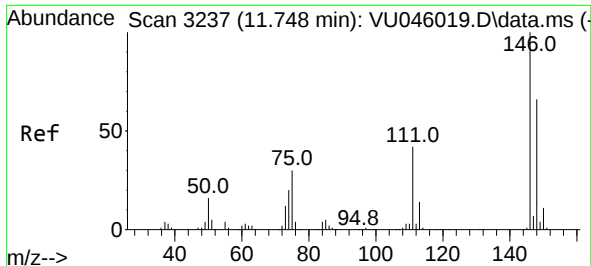
Tgt Ion:105 Resp: 312172
Ion Ratio Lower Upper
105 100
120 46.9 37.8 56.6



#63
1,2,4-Trimethylbenzene
Concen: 54.951 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU046022.D
Acq: 29 Nov 2021 14:44

Tgt Ion:105 Resp: 310128
Ion Ratio Lower Upper
105 100
120 44.7 35.2 52.8

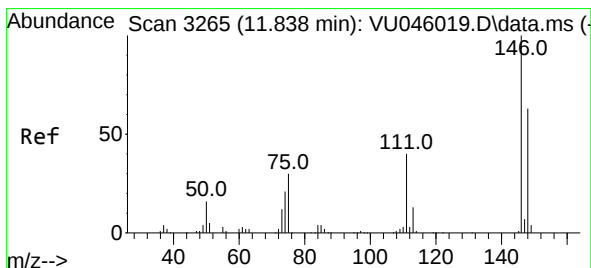
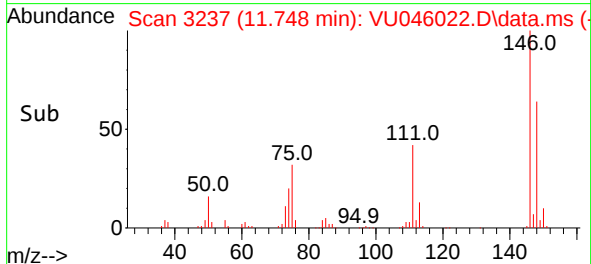
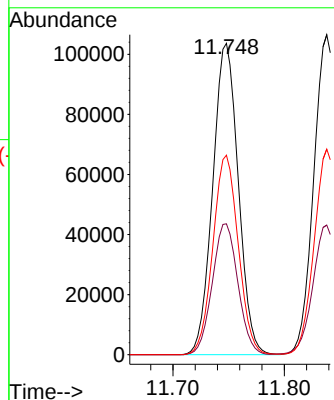
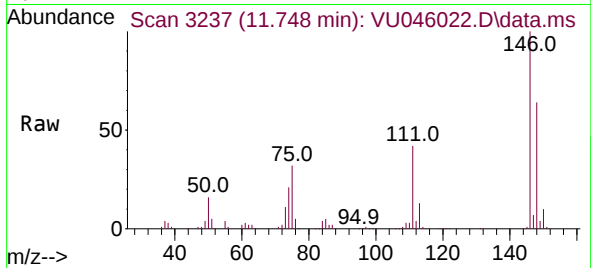




#64
1,3-Dichlorobenzene
Concen: 51.419 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU046022.D
Acq: 29 Nov 2021 14:44

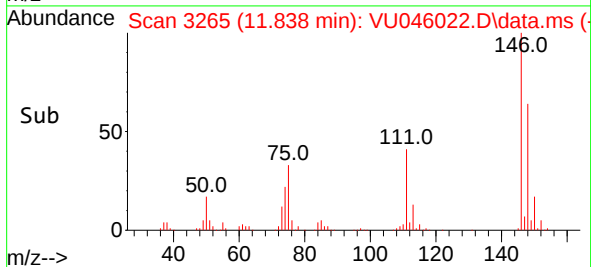
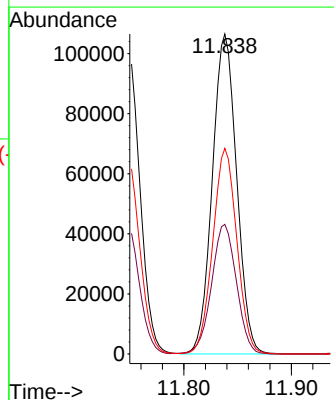
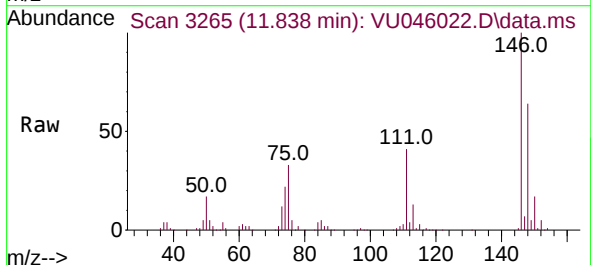
Instrument :
MSVOA_U
ClientSampleId :
VICV036

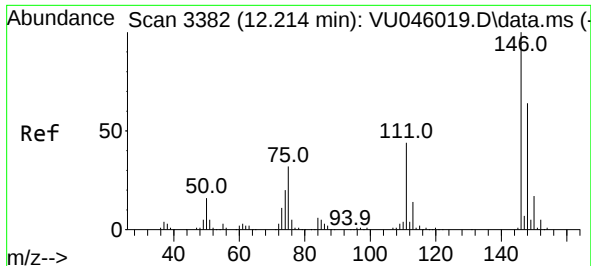
Tgt Ion:146 Resp: 165299
Ion Ratio Lower Upper
146 100
111 42.1 29.5 54.9
148 64.1 45.9 85.3



#65
1,4-Dichlorobenzene
Concen: 50.449 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU046022.D
Acq: 29 Nov 2021 14:44

Tgt Ion:146 Resp: 167613
Ion Ratio Lower Upper
146 100
111 40.5 28.3 52.7
148 64.3 43.8 81.3





#67

1,2-Dichlorobenzene

Concen: 50.153 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU046022.D

Acq: 29 Nov 2021 14:44

Instrument :

MSVOA_U

ClientSampleId :

VICV036

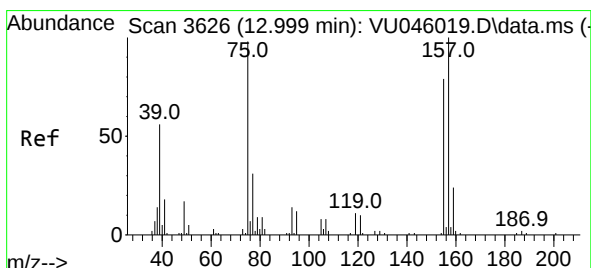
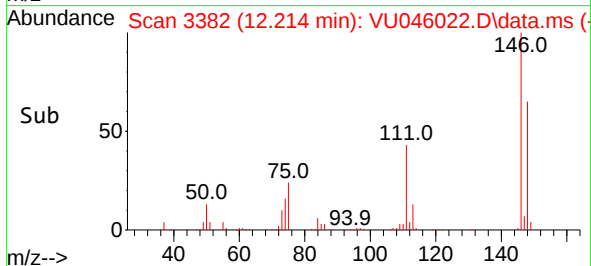
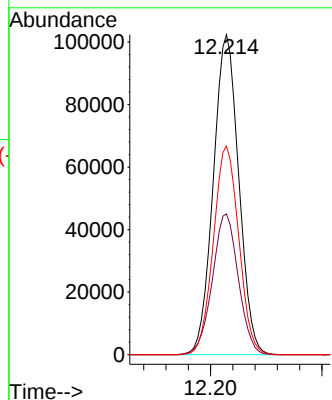
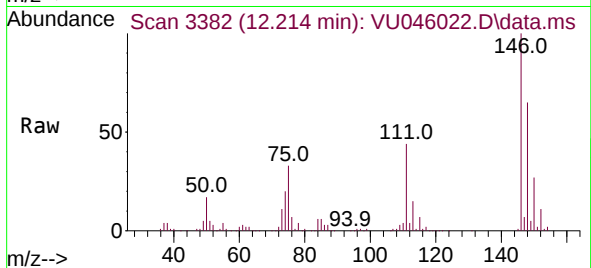
Tgt Ion:146 Resp: 162363

Ion Ratio Lower Upper

146 100

111 44.0 35.7 53.5

148 65.2 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 51.092 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.000 min

Lab File: VU046022.D

Acq: 29 Nov 2021 14:44

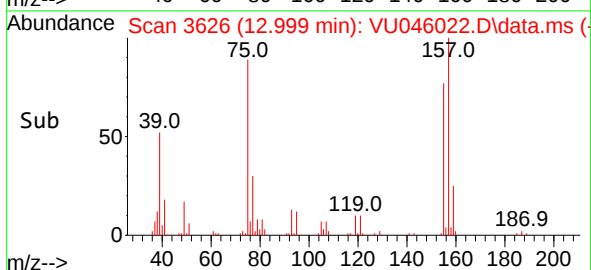
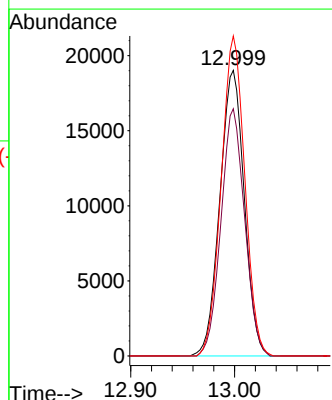
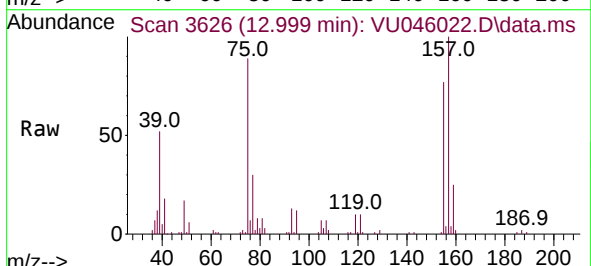
Tgt Ion: 75 Resp: 31035

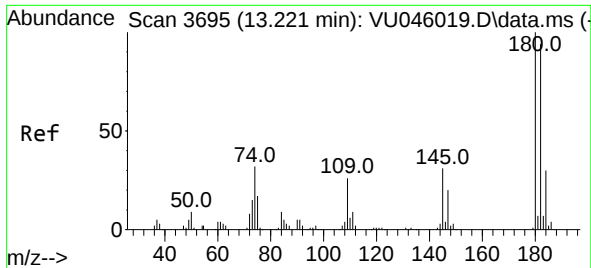
Ion Ratio Lower Upper

75 100

155 86.5 64.9 97.3

157 112.0 81.9 122.9

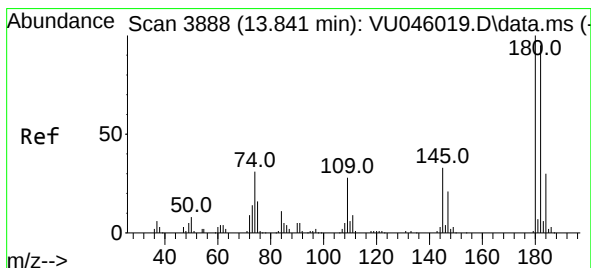
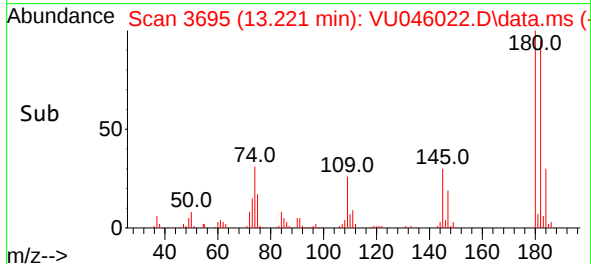
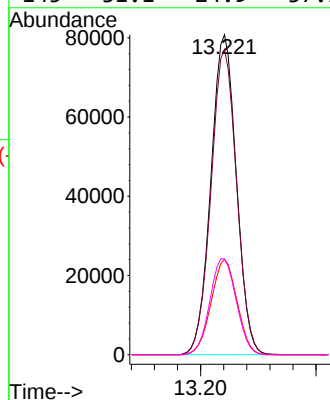
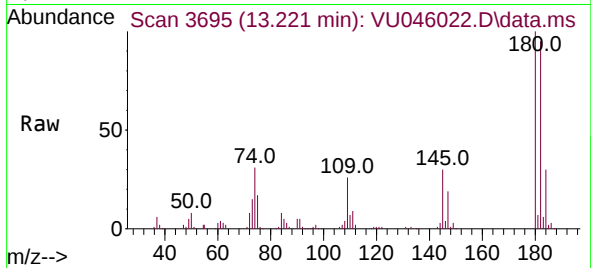




#69
 1,3,5-Trichlorobenzene
 Concen: 52.743 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU046022.D
 Acq: 29 Nov 2021 14:44

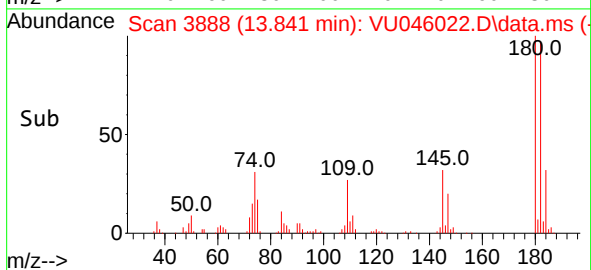
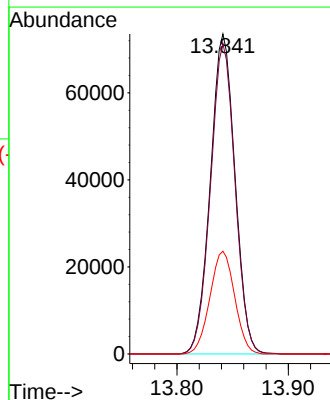
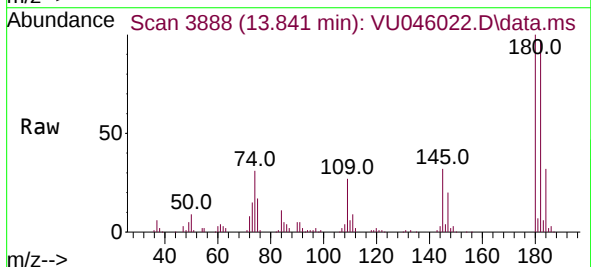
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV036

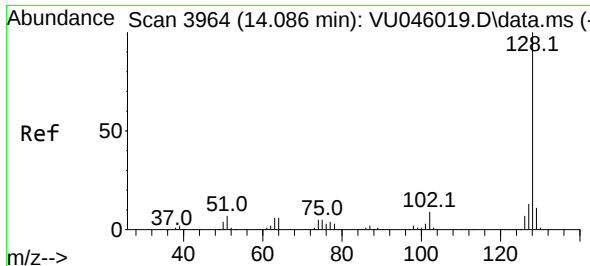
Tgt Ion:180	Resp:	123545
Ion Ratio	Lower	Upper
180	100	
182	96.0	75.9 113.9
184	30.3	24.2 36.4
145	31.1	24.9 37.3



#70
 1,2,4-trichlorobenzene
 Concen: 54.453 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU046022.D
 Acq: 29 Nov 2021 14:44

Tgt Ion:180	Resp:	113187
Ion Ratio	Lower	Upper
180	100	
182	96.1	76.7 115.1
145	32.2	26.0 39.0

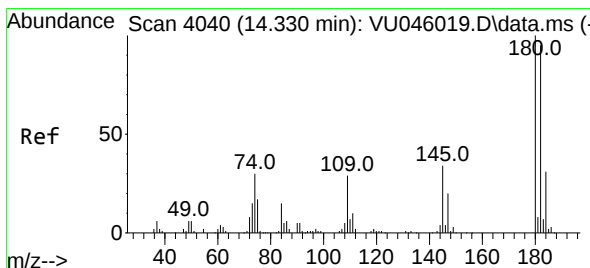
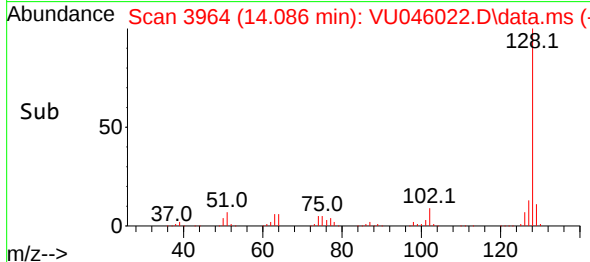
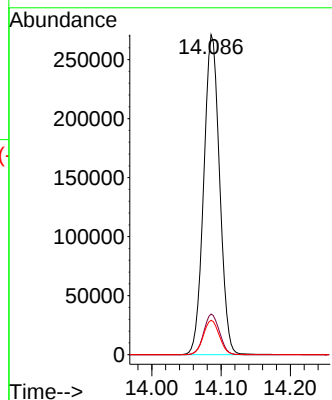
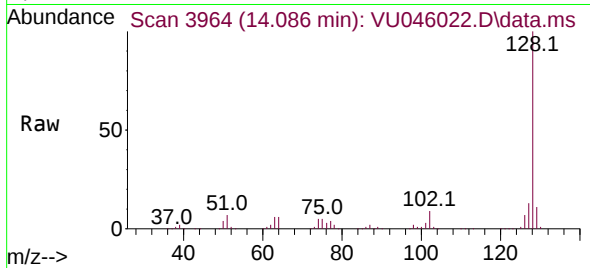




#71
Naphthalene
Concen: 59.510 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU046022.D
Acq: 29 Nov 2021 14:44

Instrument :
MSVOA_U
ClientSampleId :
VICV036

Tgt Ion:128 Resp: 430456
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 56.076 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU046022.D
Acq: 29 Nov 2021 14:44

Tgt Ion:180 Resp: 118863
Ion Ratio Lower Upper
180 100
182 94.0 76.0 114.0
145 33.5 27.3 40.9

