

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112921\
 Data File : VU046019.D
 Acq On : 29 Nov 2021 12:50
 Operator : SY/MD
 Sample : VSTD05033
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050033

Quant Time: Nov 30 01:54:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 30 01:52:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	190774	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	190393	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	103148	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	78146	50.449	ug/L	0.00
7) Chloroethane-d5	1.919	69	59254	47.776	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	139064	50.529	ug/L	0.00
21) 2-Butanone-d5	4.649	46	122531	95.629	ug/L	0.00
24) Chloroform-d	5.067	84	131419	47.924	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	86056	47.415	ug/L	0.00
32) Benzene-d6	5.732	84	278101	47.992	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	84384	45.592	ug/L	0.00
41) Toluene-d8	7.899	98	255837	50.122	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	41018	46.954	ug/L	0.00
47) 2-Hexanone-d5	8.636	63	81982	84.796	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	126797	45.817	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	96406	47.038	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	103538	58.834	ug/L	100
3) Chloromethane	1.523	50	90664	45.401	ug/L	100
5) Vinyl chloride	1.607	62	91574	48.367	ug/L	100
6) Bromomethane	1.861	94	52366	52.608	ug/L	100
8) Chloroethane	1.938	64	53847	47.470	ug/L	100
9) Trichlorofluoromethane	2.144	101	121045	52.735	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	69045	49.946	ug/L	100
12) 1,1-Dichloroethene	2.584	96	65353	50.264	ug/L	100
13) Acetone	2.671	43	151620	129.822	ug/L	100
14) Carbon disulfide	2.800	76	202679	53.584	ug/L	100
15) Methyl Acetate	2.961	43	87079	48.691	ug/L	100
16) Methylene chloride	3.051	84	74915	47.188	ug/L	100
17) trans-1,2-Dichloroethene	3.359	96	70075	50.273	ug/L	100
18) Methyl tert-butyl Ether	3.369	73	216389	45.487	ug/L	100
19) 1,1-Dichloroethane	3.874	63	126369	46.512	ug/L	100
20) cis-1,2-Dichloroethene	4.671	96	76109	48.432	ug/L	100
22) 2-Butanone	4.726	43	168986	112.129	ug/L	100
23) Bromochloromethane	4.980	128	37893	49.610	ug/L	100
25) Chloroform	5.092	83	138232	49.897	ug/L	100
27) 1,2-Dichloroethane	5.796	62	104145	46.758	ug/L	100
29) Cyclohexane	5.395	56	115417	43.789	ug/L	100
30) 1,1,1-Trichloroethane	5.324	97	116111	48.635	ug/L	100
31) Carbon tetrachloride	5.530	117	100368	52.085	ug/L	100
33) Benzene	5.777	78	289910	45.197	ug/L	100
34) Trichloroethene	6.546	95	76014	48.524	ug/L	100
35) Methylcyclohexane	6.768	83	125058	46.411	ug/L	100
37) 1,2-Dichloropropane	6.793	63	75490	44.407	ug/L	100
38) Bromodichloromethane	7.108	83	99533	46.149	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	116392	44.849	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	228656	91.179	ug/L	100
42) Toluene	7.973	91	315515	46.919	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	117733	47.504	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112921\
 Data File : VU046019.D
 Acq On : 29 Nov 2021 12:50
 Operator : SY/MD
 Sample : VSTD05033
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050033

Quant Time: Nov 30 01:54:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 30 01:52:37 2021
 Response via : Initial Calibration

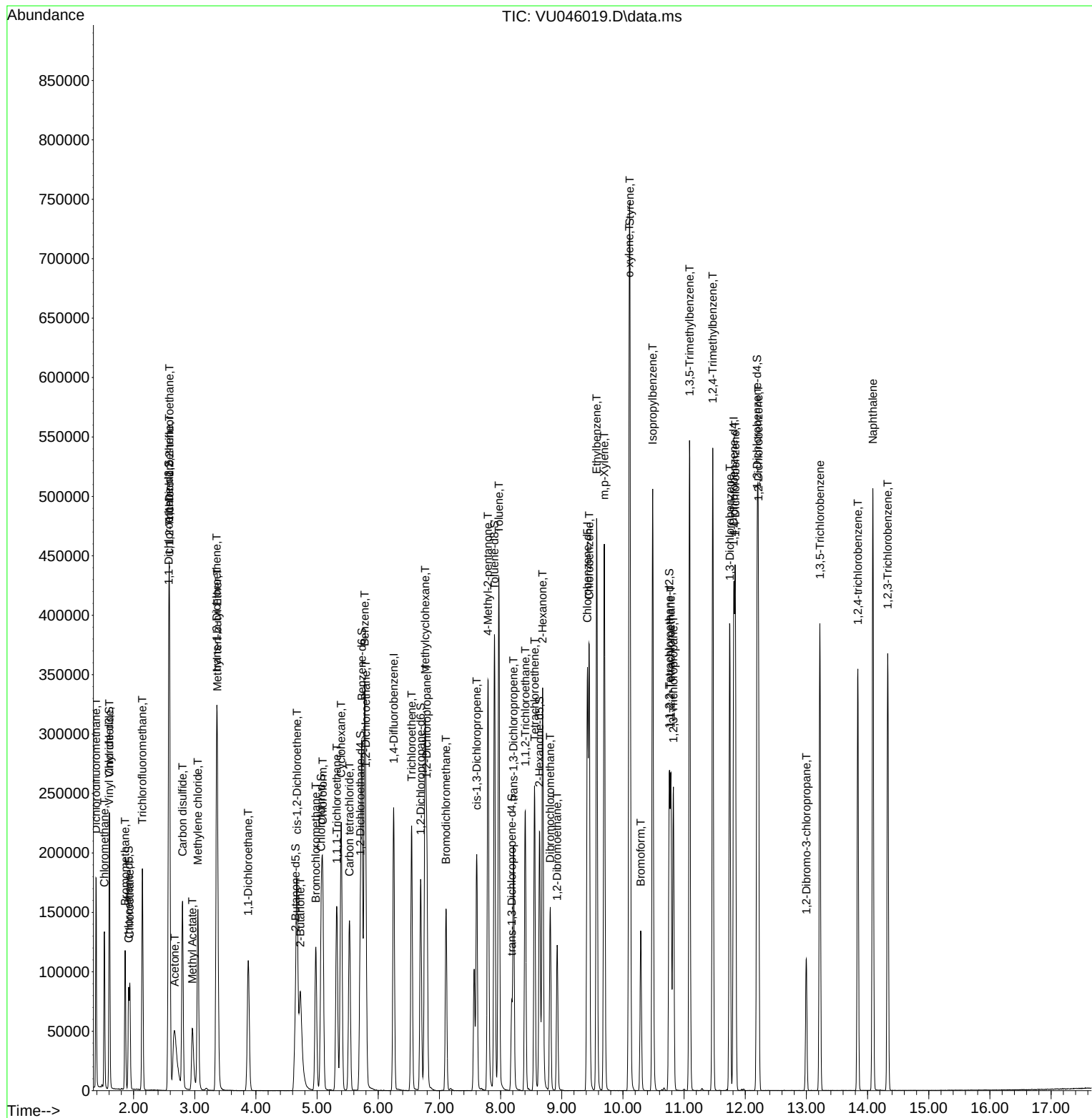
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.404	97	73898	46.436	ug/L	100
46) Tetrachloroethene	8.555	164	56021	49.969	ug/L	100
48) 2-Hexanone	8.687	43	209256	98.659	ug/L	100
49) Dibromochloromethane	8.812	129	79904	51.035	ug/L	100
50) 1,2-Dibromoethane	8.925	107	82278	48.769	ug/L	100
51) Chlorobenzene	9.449	112	197318	48.156	ug/L	100
52) Ethylbenzene	9.571	91	345374	48.097	ug/L	100
53) m,p-Xylene	9.697	106	135265	49.204	ug/L	100
54) o-xylene	10.102	106	129851	47.934	ug/L	100
55) Styrene	10.115	104	227055	49.697	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	125419	44.945	ug/L	100
59) Bromoform	10.291	173	58297	49.403	ug/L	100
60) 1,2,3-Trichloropropane	10.825	75	106338	43.299	ug/L	100
61) Isopropylbenzene	10.488	105	345741	46.347	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	295651	46.675	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	296562	46.266	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	158570	47.706	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	161424	47.835	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	157679	46.201	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	28659	40.460	ug/L	100
69) 1,3,5-Trichlorobenzene	13.221	180	116308	47.323	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	102914	46.061	ug/L	100
71) Naphthalene	14.086	128	382378	45.510	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	108036	47.218	ug/L	100

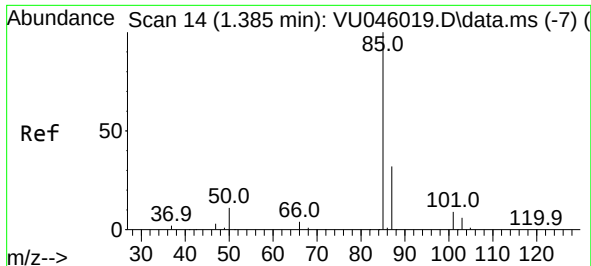
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112921\
Data File : VU046019.D
Acq On : 29 Nov 2021 12:50
Operator : SY/MD
Sample : VSTD050033
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD050033

Quant Time: Nov 30 01:54:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 30 01:52:37 2021
Response via : Initial Calibration

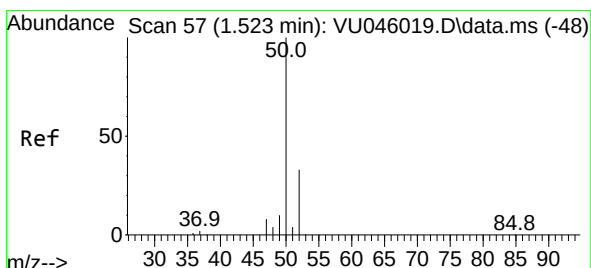
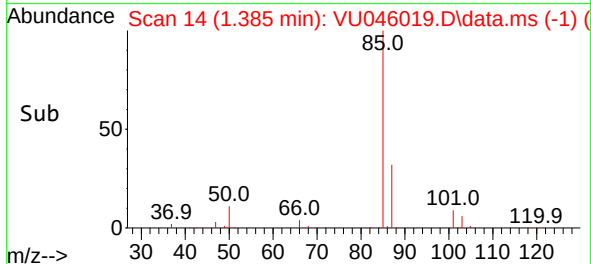
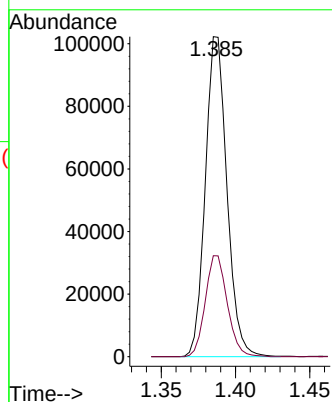
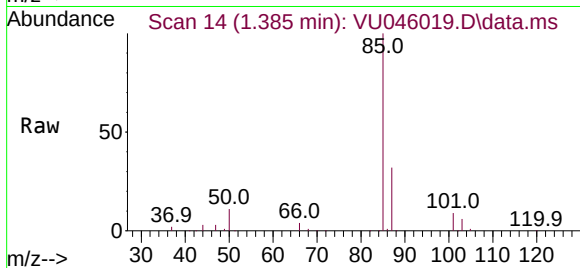




#2
Dichlorodifluoromethane
Concen: 58.834 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU046019.D
Acq: 29 Nov 2021 12:50

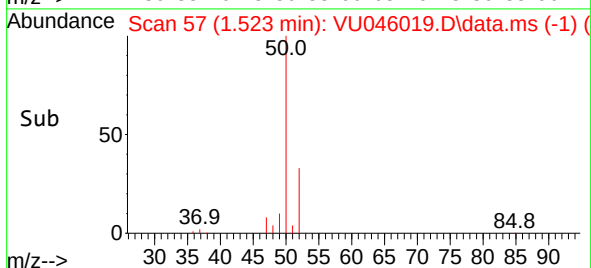
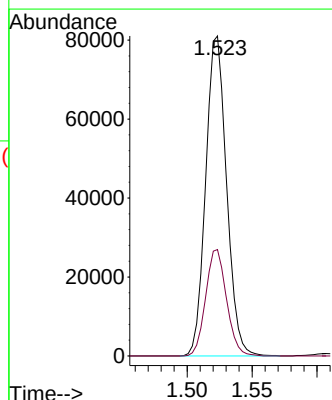
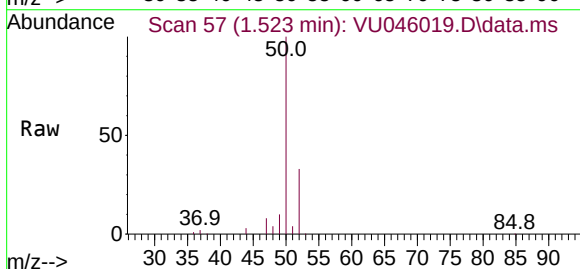
Instrument :
MSVOA_U
ClientSampleId :
VSTD050033

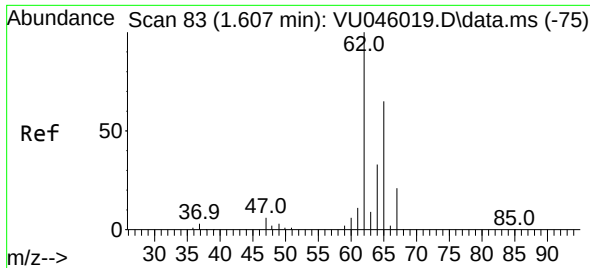
Tgt Ion: 85 Resp: 103538
Ion Ratio Lower Upper
85 100
87 32.1 25.7 38.5



#3
Chloromethane
Concen: 45.401 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU046019.D
Acq: 29 Nov 2021 12:50

Tgt Ion: 50 Resp: 90664
Ion Ratio Lower Upper
50 100
52 33.2 23.2 43.2

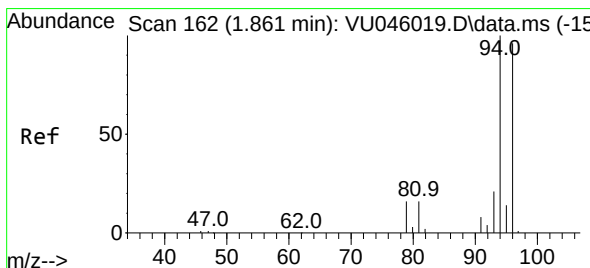
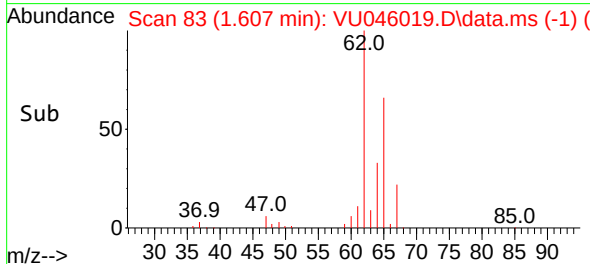
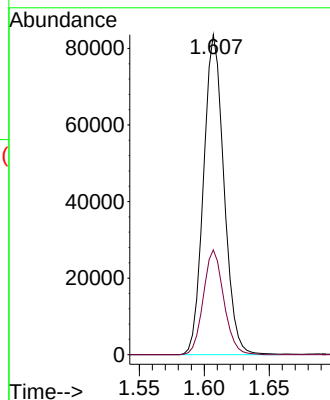
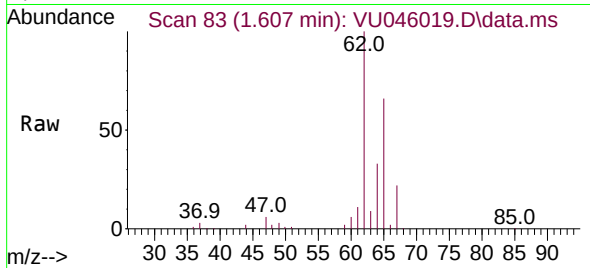




#5
 Vinyl chloride
 Concen: 48.367 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU046019.D
 Acq: 29 Nov 2021 12:50

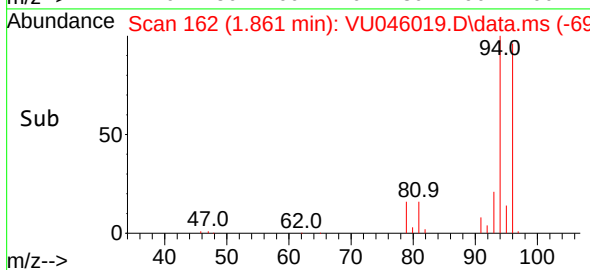
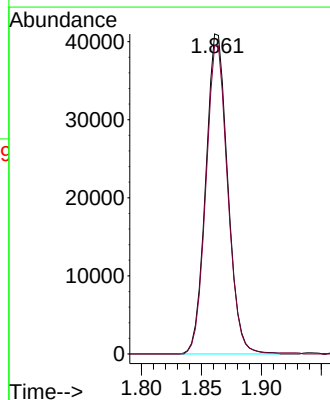
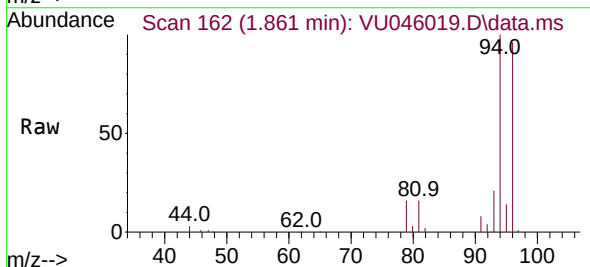
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050033

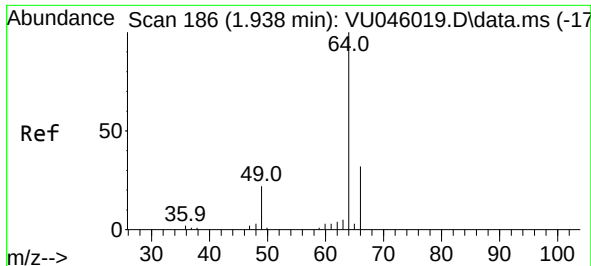
Tgt Ion: 62 Resp: 91574
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.9 42.5



#6
 Bromomethane
 Concen: 52.608 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU046019.D
 Acq: 29 Nov 2021 12:50

Tgt Ion: 94 Resp: 52366
 Ion Ratio Lower Upper
 94 100
 96 96.3 67.4 125.2

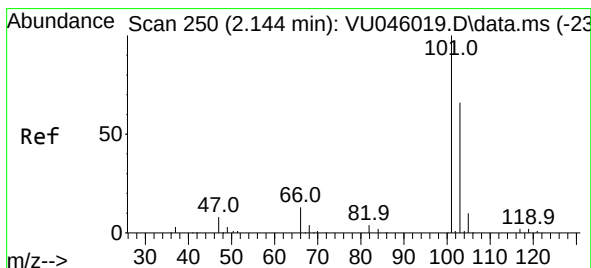
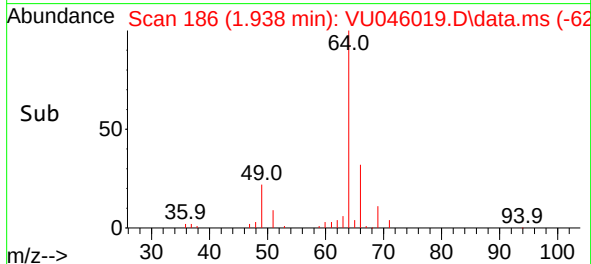
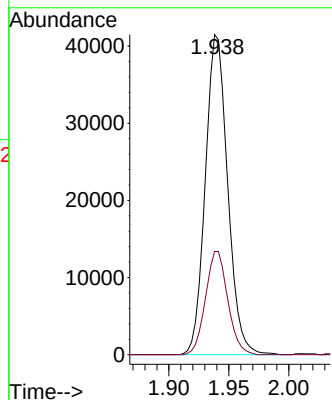
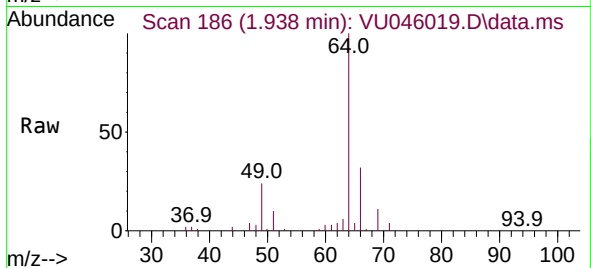




#8
Chloroethane
Concen: 47.470 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046019.D
Acq: 29 Nov 2021 12:50

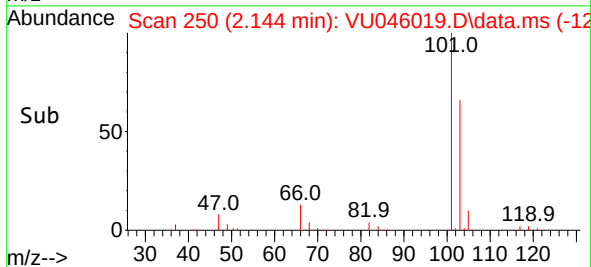
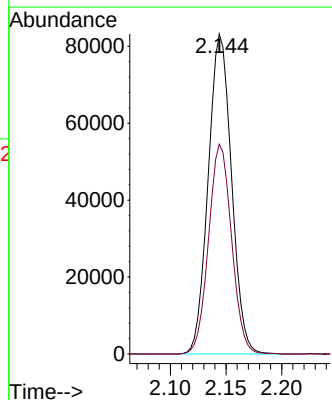
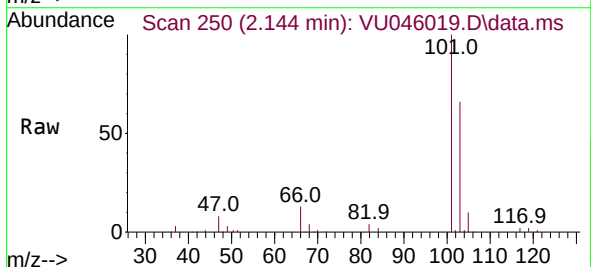
Instrument :
MSVOA_U
ClientSampleId :
VSTD050033

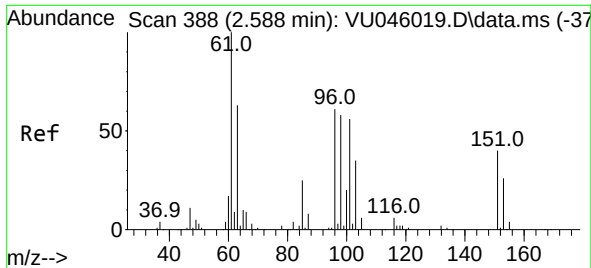
Tgt Ion: 64 Resp: 53847
Ion Ratio Lower Upper
64 100
66 32.2 22.5 41.9



#9
Trichlorofluoromethane
Concen: 52.735 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU046019.D
Acq: 29 Nov 2021 12:50

Tgt Ion:101 Resp: 121045
Ion Ratio Lower Upper
101 100
103 64.7 51.8 77.6

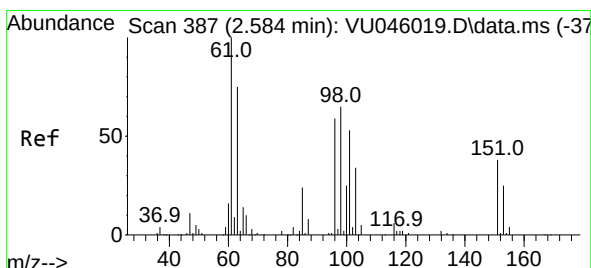
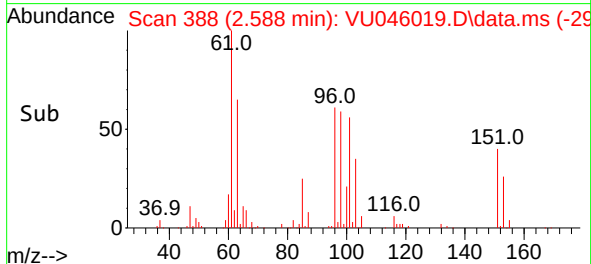
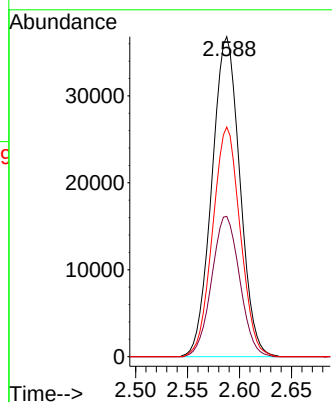
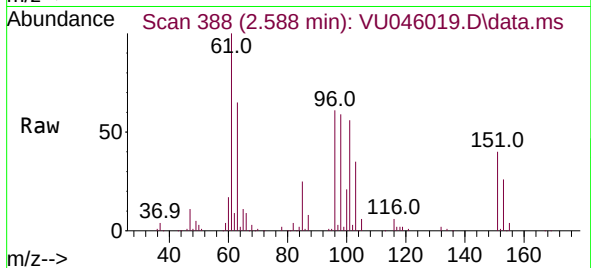




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.946 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU046019.D
 Acq: 29 Nov 2021 12:50

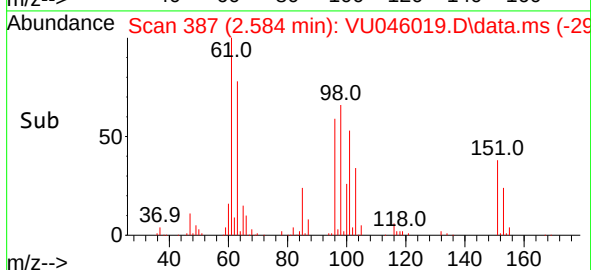
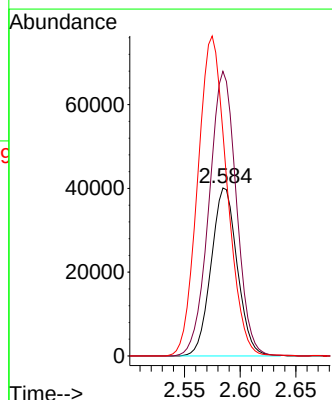
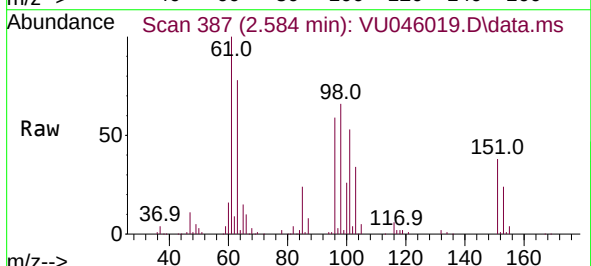
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050033

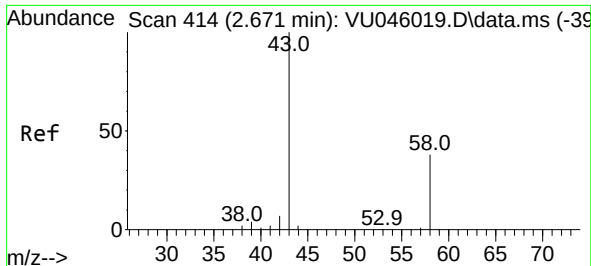
Tgt Ion:101 Resp: 69045
 Ion Ratio Lower Upper
 101 100
 85 43.9 35.1 52.7
 151 70.9 56.7 85.1



#12
 1,1-Dichloroethene
 Concen: 50.264 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU046019.D
 Acq: 29 Nov 2021 12:50

Tgt Ion: 96 Resp: 65353
 Ion Ratio Lower Upper
 96 100
 61 169.4 118.6 220.2
 63 132.9 93.0 172.8





#13

Acetone

Concen: 129.822 ug/L

RT: 2.671 min Scan# 414

Delta R.T. 0.000 min

Lab File: VU046019.D

Acq: 29 Nov 2021 12:50

Instrument :

MSVOA_U

ClientSampleId :

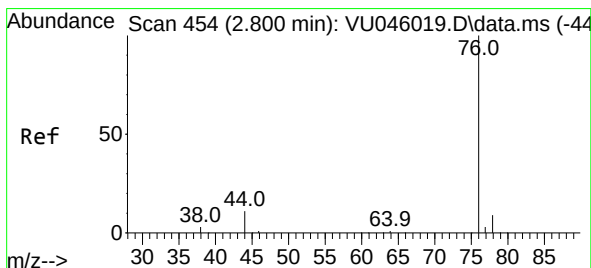
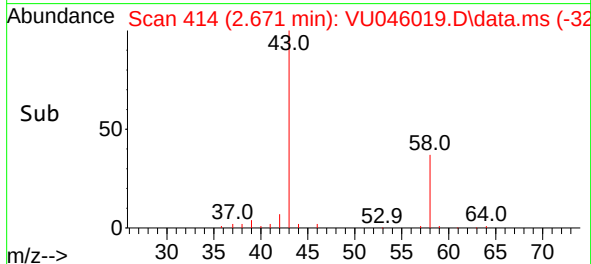
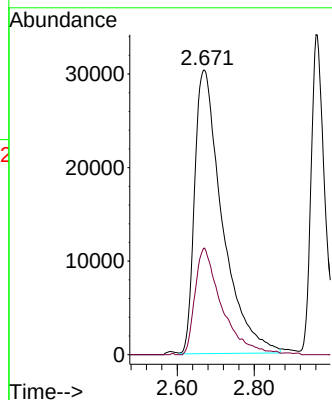
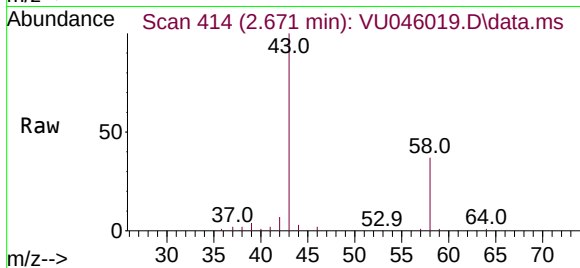
VSTD050033

Tgt Ion: 43 Resp: 151620

Ion Ratio Lower Upper

43 100

58 33.4 0.0 66.8



#14

Carbon disulfide

Concen: 53.584 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU046019.D

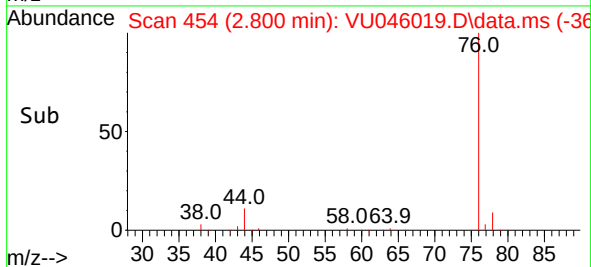
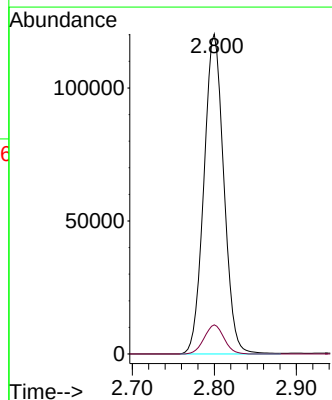
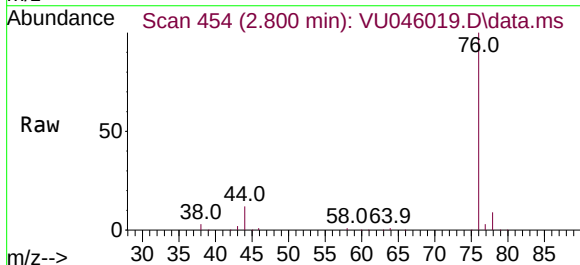
Acq: 29 Nov 2021 12:50

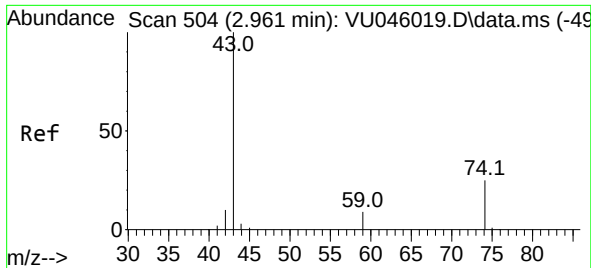
Tgt Ion: 76 Resp: 202679

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

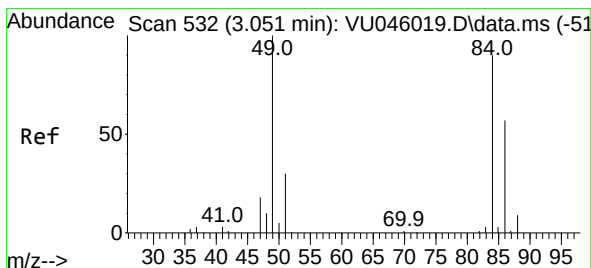
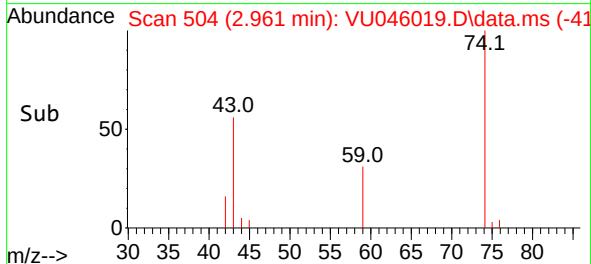
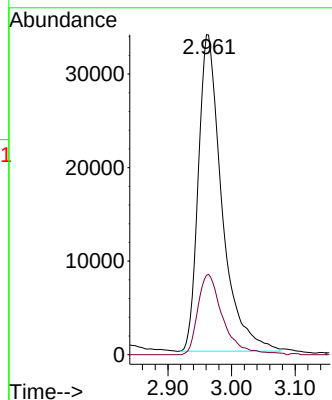
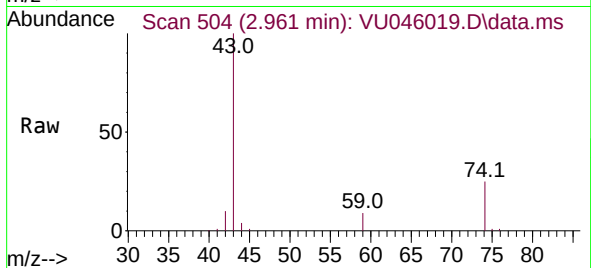




#15
Methyl Acetate
Concen: 48.691 ug/L
RT: 2.961 min Scan# 504
Delta R.T. 0.000 min
Lab File: VU046019.D
Acq: 29 Nov 2021 12:50

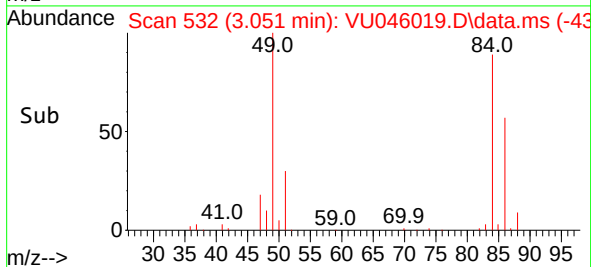
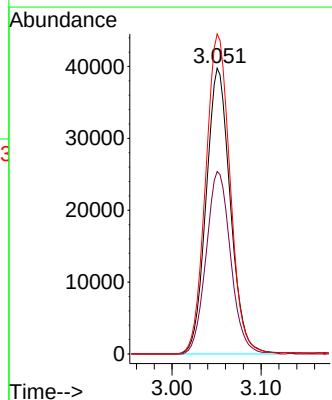
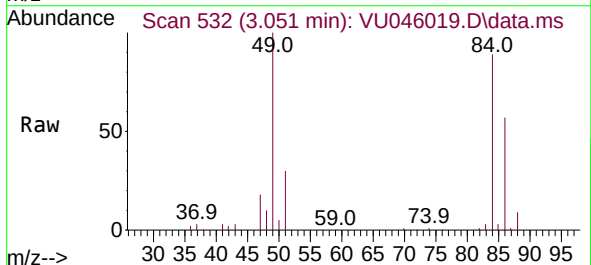
Instrument :
MSVOA_U
ClientSampleId :
VSTD050033

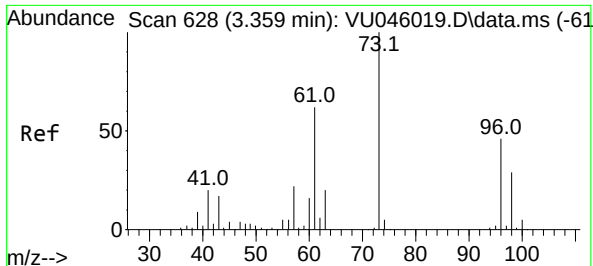
Tgt Ion: 43 Resp: 87079
Ion Ratio Lower Upper
43 100
74 26.0 20.8 31.2



#16
Methylene chloride
Concen: 47.188 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU046019.D
Acq: 29 Nov 2021 12:50

Tgt Ion: 84 Resp: 74915
Ion Ratio Lower Upper
84 100
86 63.9 44.7 83.1
49 112.0 78.4 145.6





#17

trans-1,2-Dichloroethene

Concen: 50.273 ug/L

RT: 3.359 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU046019.D

Acq: 29 Nov 2021 12:50

Instrument :

MSVOA_U

ClientSampleId :

VSTD050033

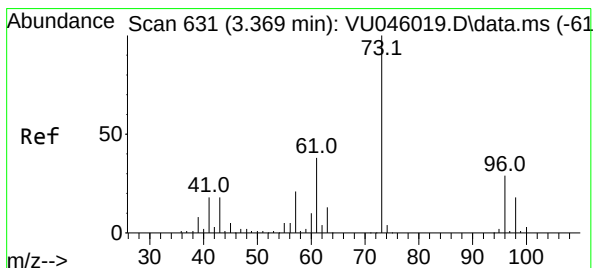
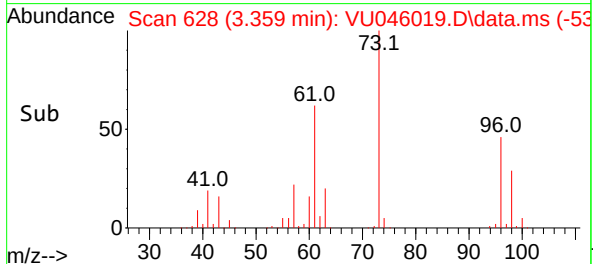
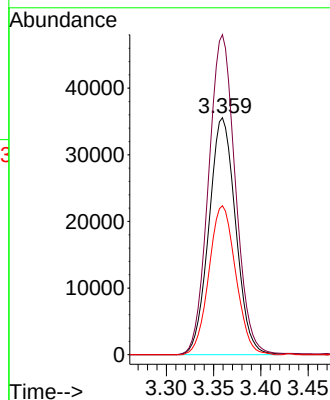
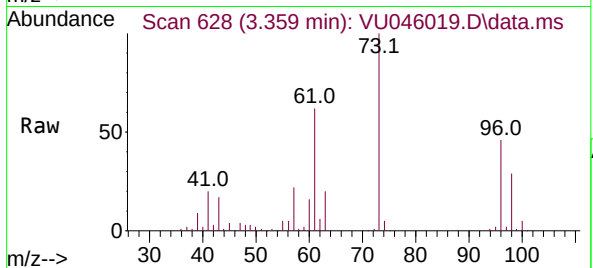
Tgt Ion: 96 Resp: 70075

Ion Ratio Lower Upper

96 100

61 135.1 94.6 175.6

98 62.9 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 45.487 ug/L

RT: 3.369 min Scan# 631

Delta R.T. 0.000 min

Lab File: VU046019.D

Acq: 29 Nov 2021 12:50

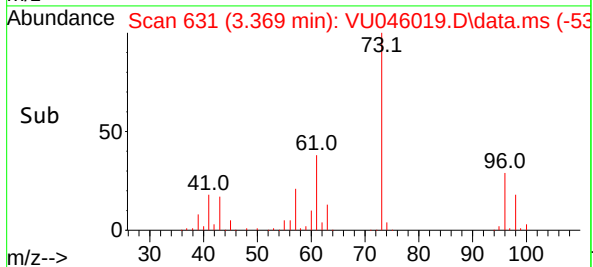
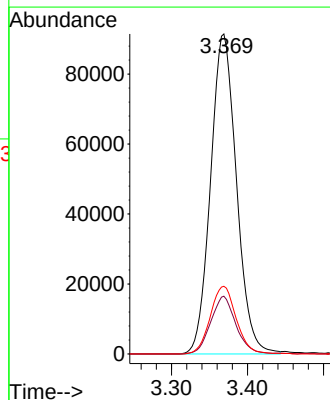
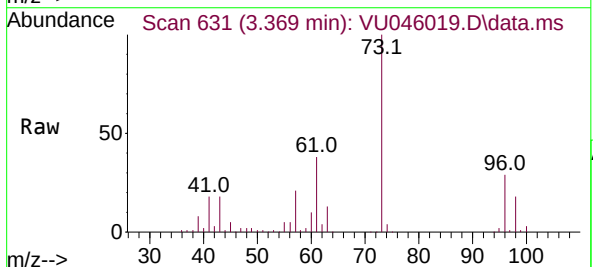
Tgt Ion: 73 Resp: 216389

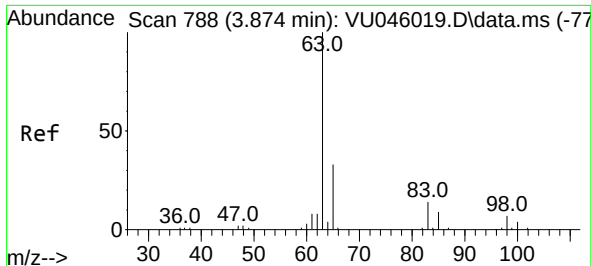
Ion Ratio Lower Upper

73 100

43 17.5 14.0 21.0

57 21.2 17.0 25.4





#19

1,1-Dichloroethane

Concen: 46.512 ug/L

RT: 3.874 min Scan# 788

Delta R.T. 0.000 min

Lab File: VU046019.D

Acq: 29 Nov 2021 12:50

Instrument :

MSVOA_U

ClientSampleId :

VSTD050033

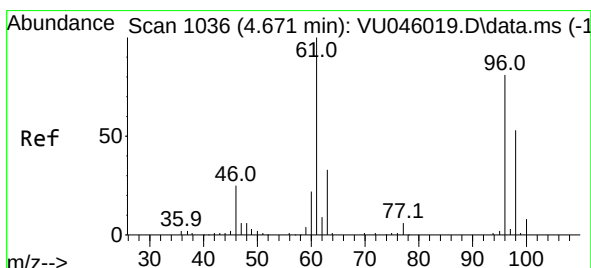
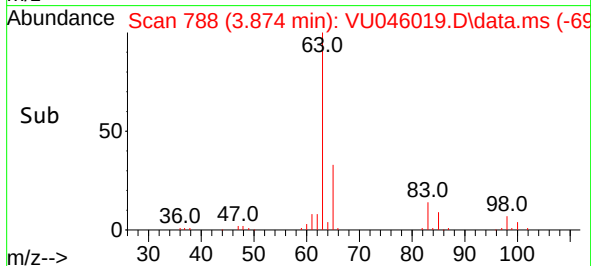
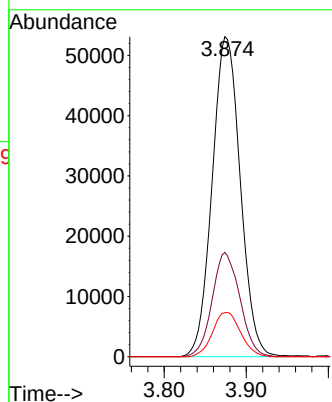
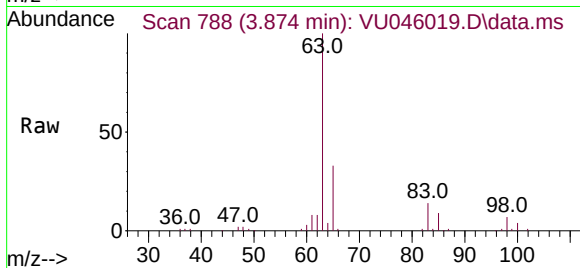
Tgt Ion: 63 Resp: 126369

Ion Ratio Lower Upper

63 100

65 32.6 22.8 42.4

83 13.7 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 48.432 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU046019.D

Acq: 29 Nov 2021 12:50

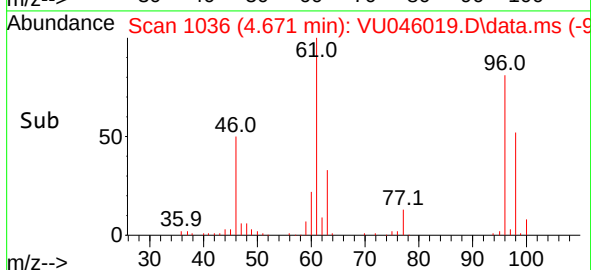
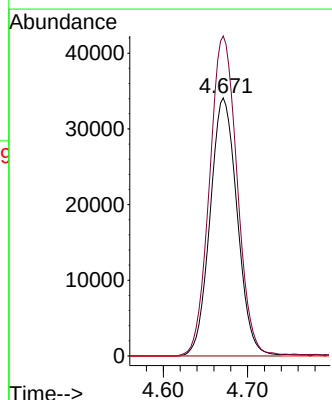
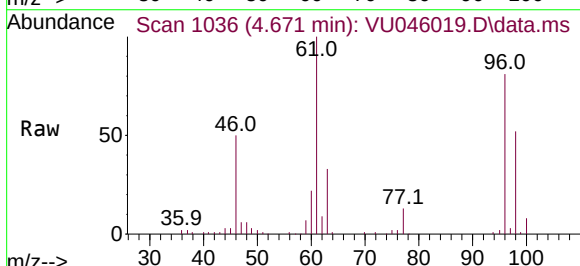
Tgt Ion: 96 Resp: 76109

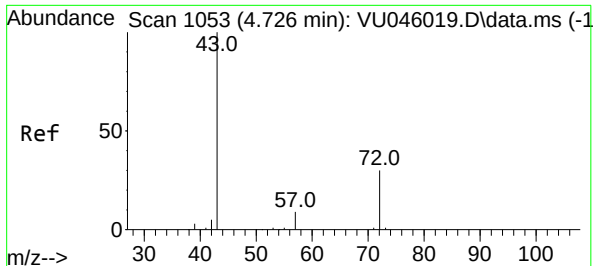
Ion Ratio Lower Upper

96 100

61 124.0 86.8 161.2

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 112.129 ug/L

RT: 4.726 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VU046019.D

Acq: 29 Nov 2021 12:50

Instrument :

MSVOA_U

ClientSampleId :

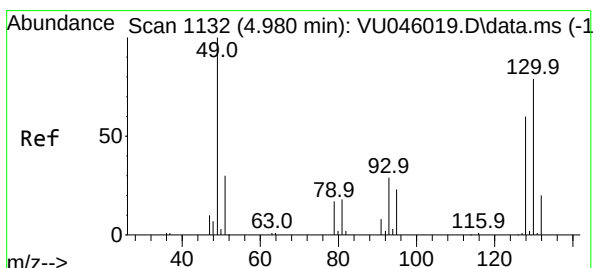
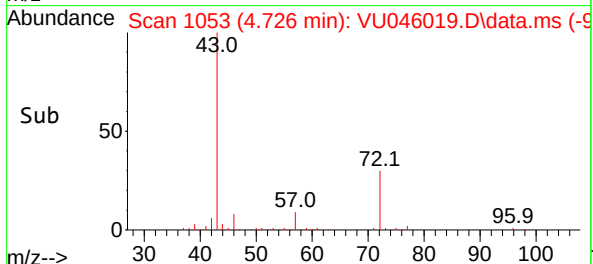
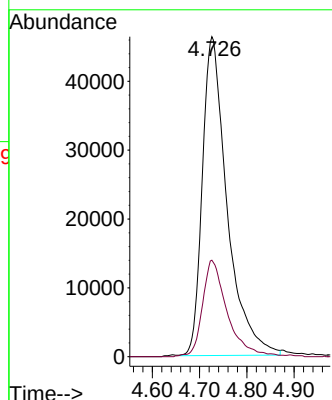
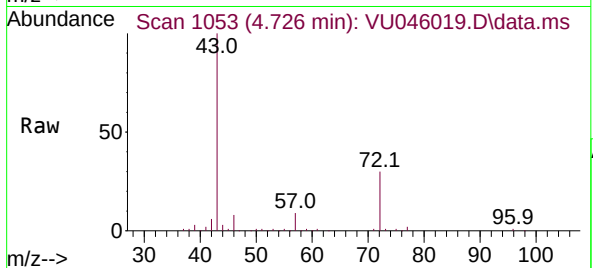
VSTD050033

Tgt Ion: 43 Resp: 168986

Ion Ratio Lower Upper

43 100

72 29.1 14.5 43.6



#23

Bromochloromethane

Concen: 49.610 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU046019.D

Acq: 29 Nov 2021 12:50

Tgt Ion:128 Resp: 37893

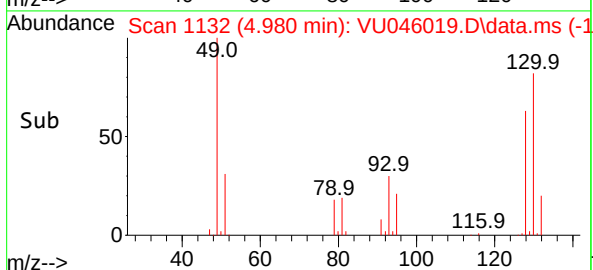
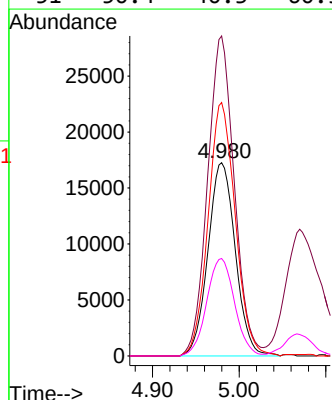
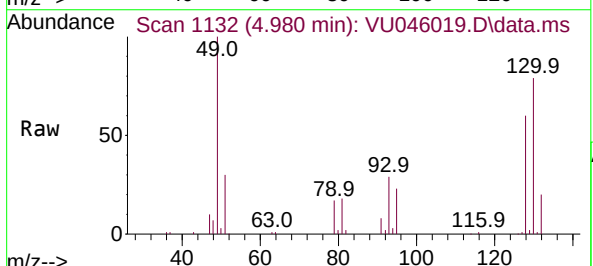
Ion Ratio Lower Upper

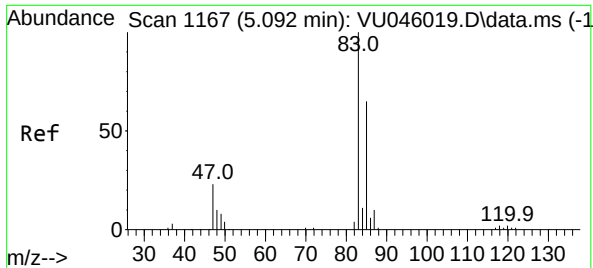
128 100

49 165.6 115.9 215.3

130 131.1 91.8 170.4

51 50.4 40.3 60.5

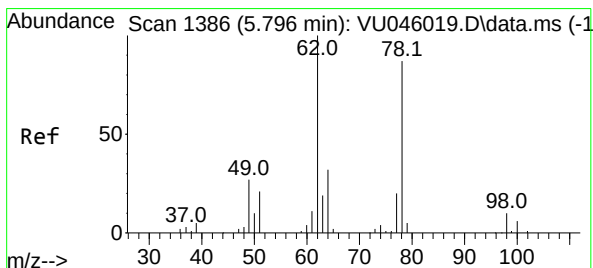
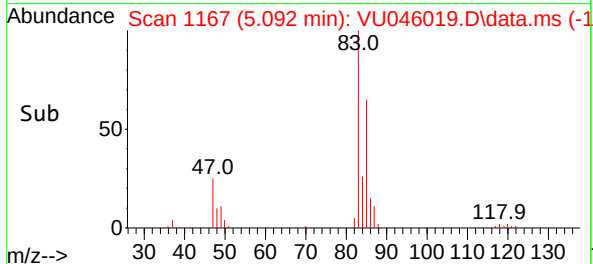
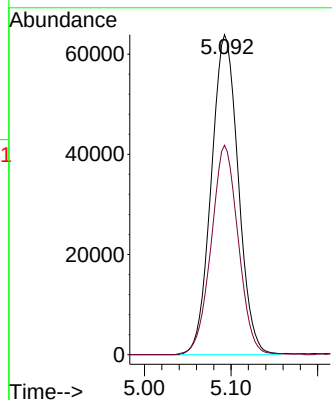
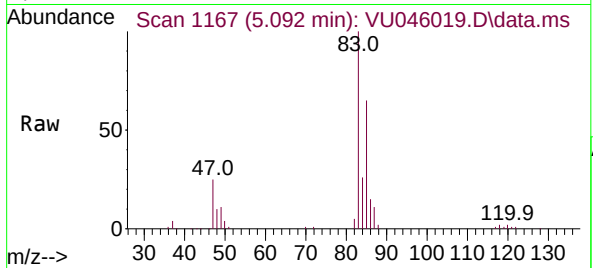




#25
Chloroform
Concen: 49.897 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU046019.D
Acq: 29 Nov 2021 12:50

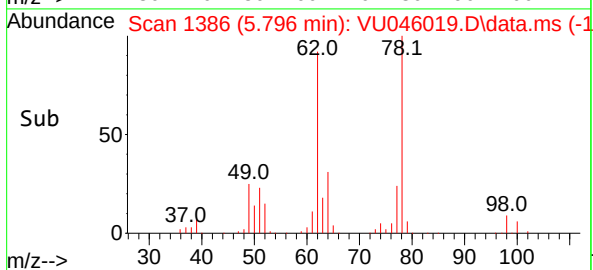
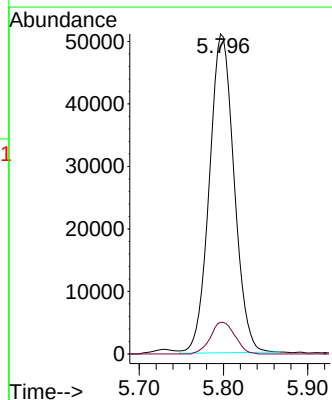
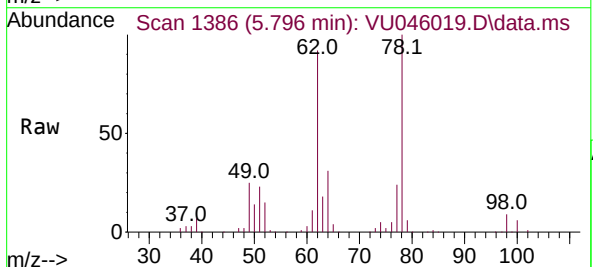
Instrument :
MSVOA_U
ClientSampleId :
VSTD050033

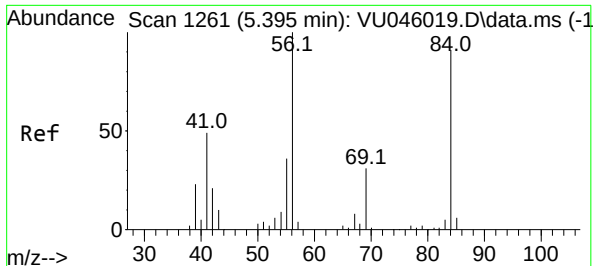
Tgt Ion: 83 Resp: 138232
Ion Ratio Lower Upper
83 100
85 65.5 45.8 85.2



#27
1,2-Dichloroethane
Concen: 46.758 ug/L
RT: 5.796 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU046019.D
Acq: 29 Nov 2021 12:50

Tgt Ion: 62 Resp: 104145
Ion Ratio Lower Upper
62 100
98 9.9 7.9 11.9





#29

Cyclohexane

Concen: 43.789 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU046019.D

Acq: 29 Nov 2021 12:50

Instrument :

MSVOA_U

ClientSampleId :

VSTD050033

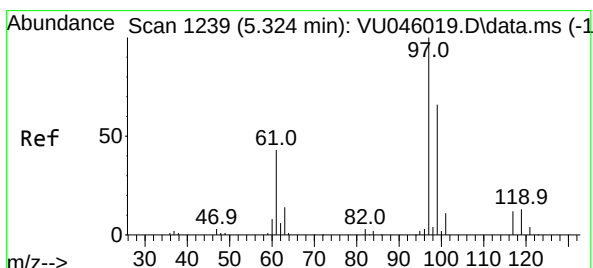
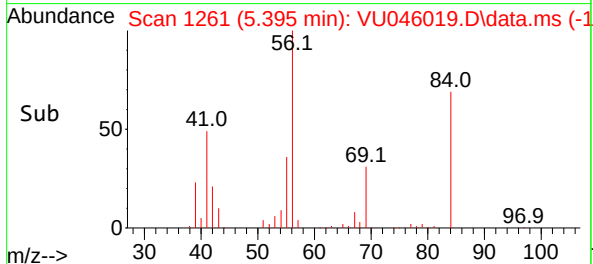
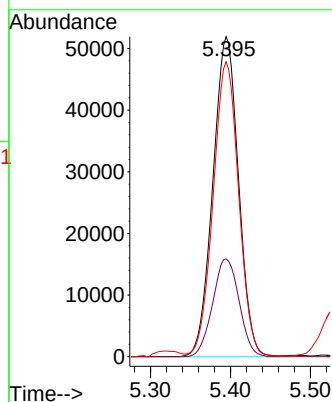
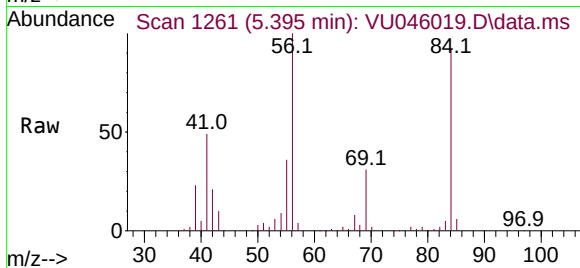
Tgt Ion: 56 Resp: 115417

Ion Ratio Lower Upper

56 100

69 31.5 25.2 37.8

84 91.6 73.3 109.9



#30

1,1,1-Trichloroethane

Concen: 48.635 ug/L

RT: 5.324 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VU046019.D

Acq: 29 Nov 2021 12:50

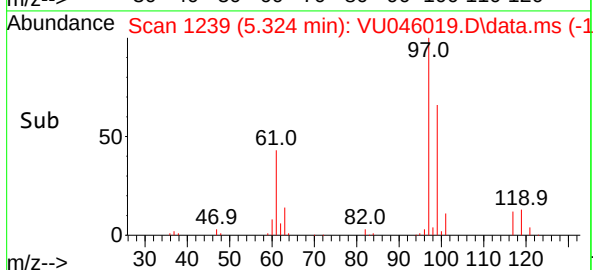
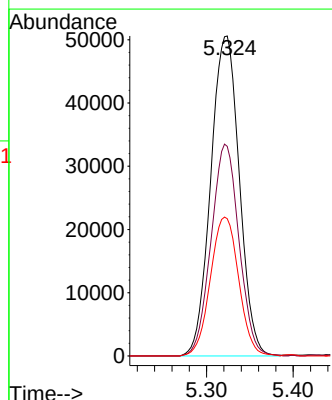
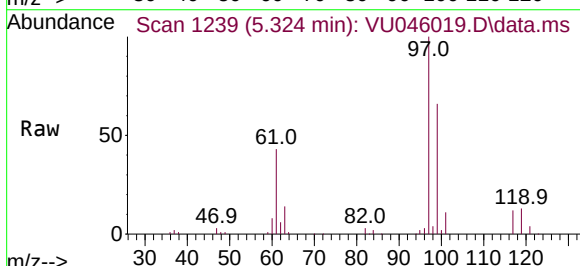
Tgt Ion: 97 Resp: 116111

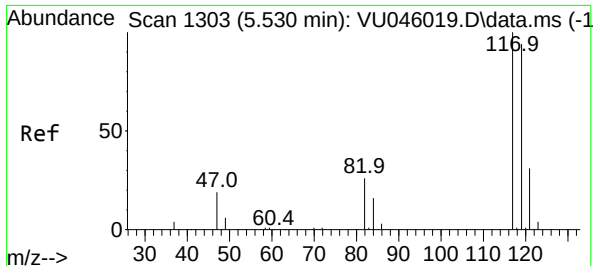
Ion Ratio Lower Upper

97 100

99 64.7 51.8 77.6

61 43.0 34.4 51.6

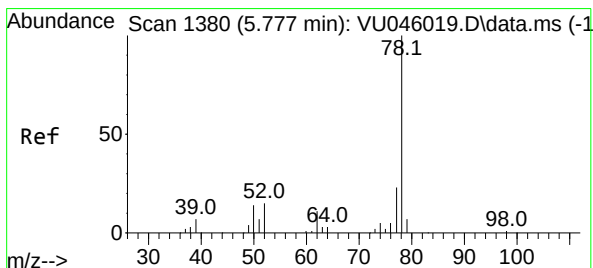
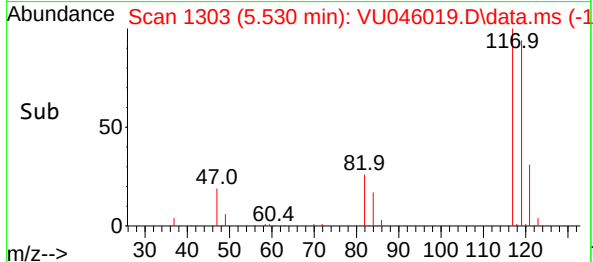
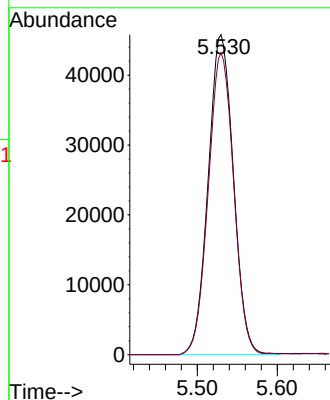
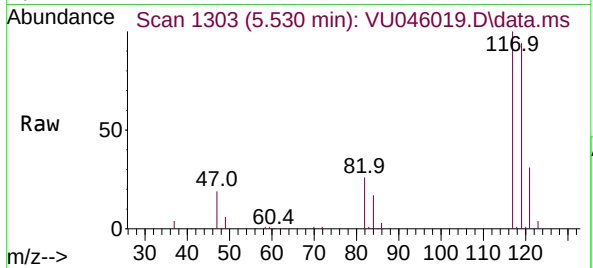




#31
Carbon tetrachloride
Concen: 52.085 ug/L
RT: 5.530 min Scan# 111
Delta R.T. 0.000 min
Lab File: VU046019.D
Acq: 29 Nov 2021 12:50

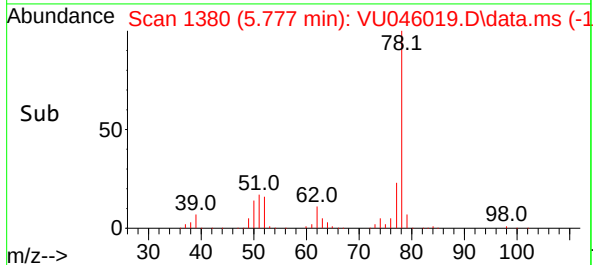
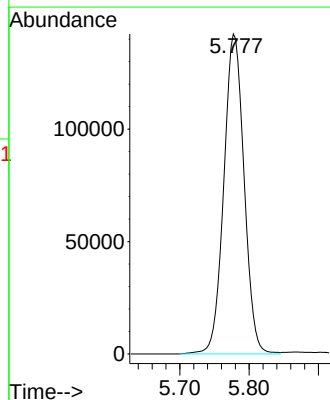
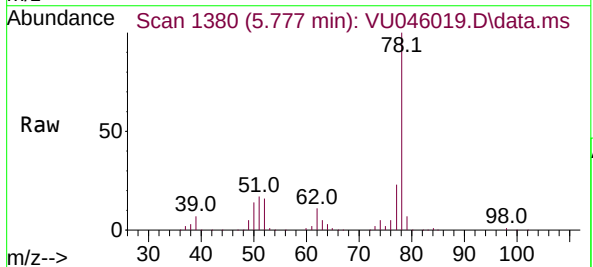
Instrument :
MSVOA_U
ClientSampleId :
VSTD050033

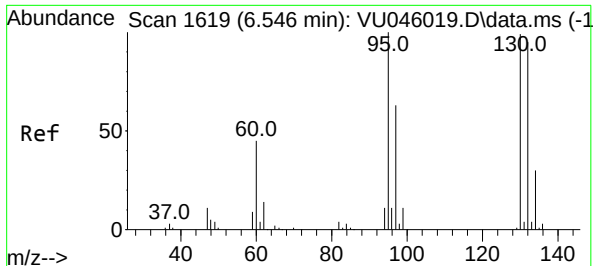
Tgt Ion:117 Resp: 100368
Ion Ratio Lower Upper
117 100
119 94.6 75.7 113.5



#33
Benzene
Concen: 45.197 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU046019.D
Acq: 29 Nov 2021 12:50

Tgt Ion: 78 Resp: 289910



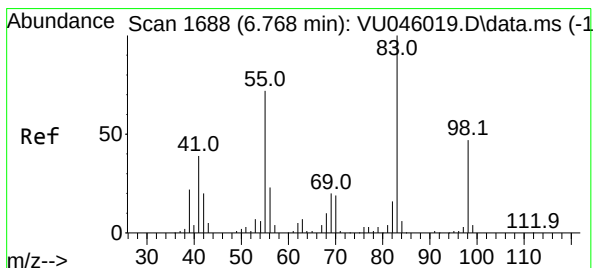
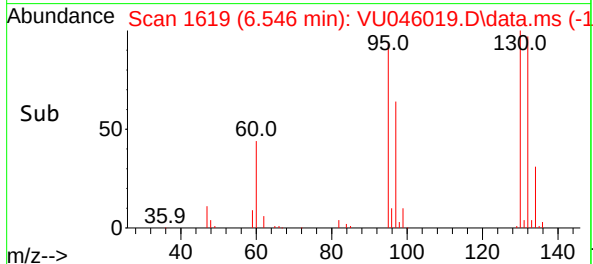
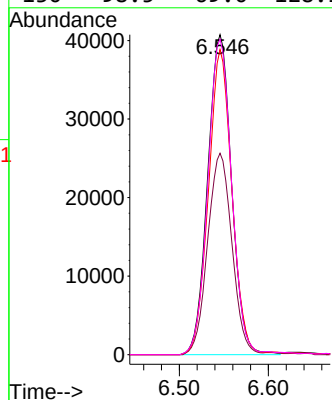
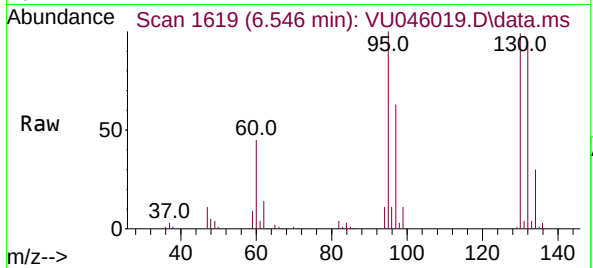


#34
Trichloroethene
Concen: 48.524 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046019.D
Acq: 29 Nov 2021 12:50

Instrument :
MSVOA_U
ClientSampleId :
VSTD050033

Tgt Ion: 95 Resp: 76014

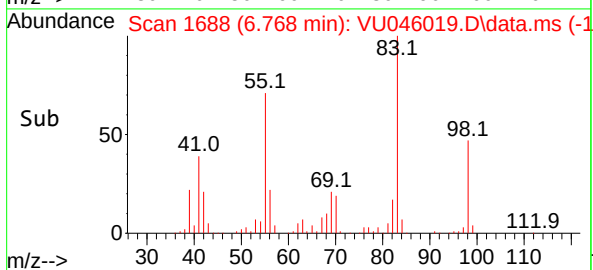
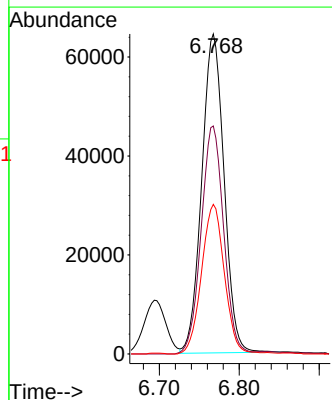
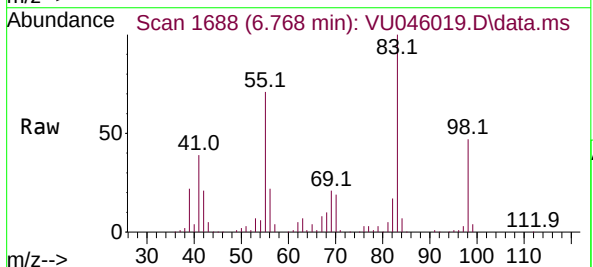
Ion	Ratio	Lower	Upper
95	100		
97	63.0	44.1	81.9
132	95.4	66.8	124.0
130	98.5	69.0	128.1

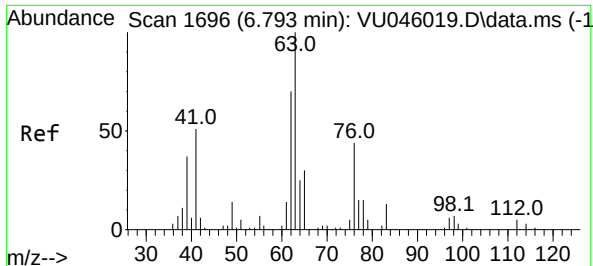


#35
Methylcyclohexane
Concen: 46.411 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU046019.D
Acq: 29 Nov 2021 12:50

Tgt Ion: 83 Resp: 125058

Ion	Ratio	Lower	Upper
83	100		
55	72.2	57.8	86.6
98	48.0	38.4	57.6





#37

1,2-Dichloropropane

Concen: 44.407 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU046019.D

Acq: 29 Nov 2021 12:50

Instrument :

MSVOA_U

ClientSampleId :

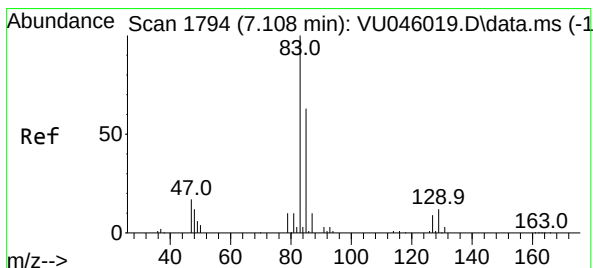
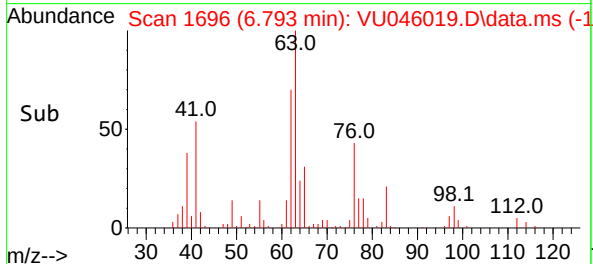
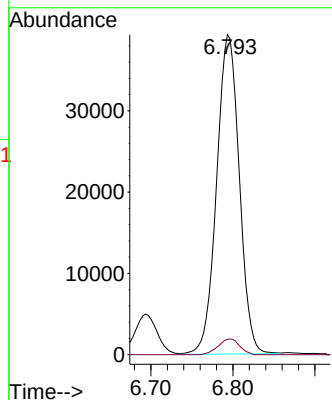
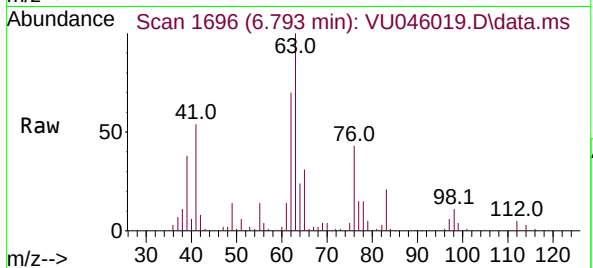
VSTD050033

Tgt Ion: 63 Resp: 75490

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.6



#38

Bromodichloromethane

Concen: 46.149 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU046019.D

Acq: 29 Nov 2021 12:50

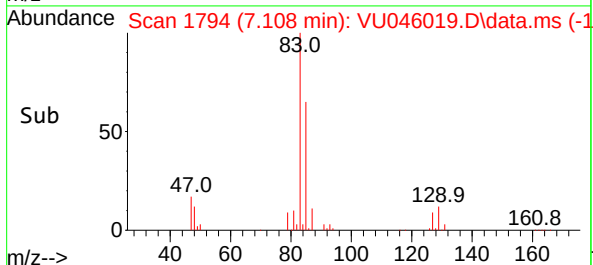
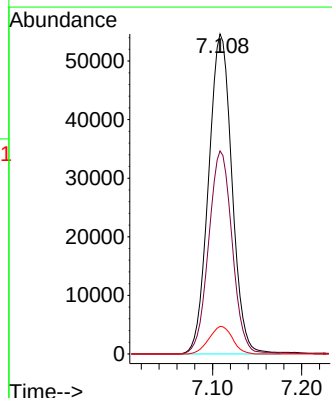
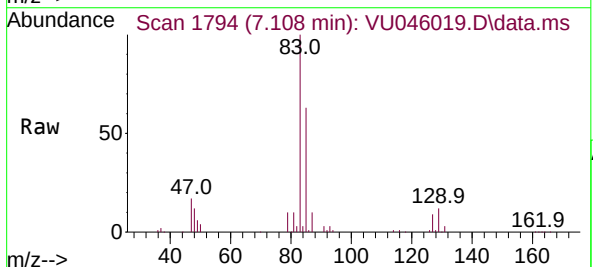
Tgt Ion: 83 Resp: 99533

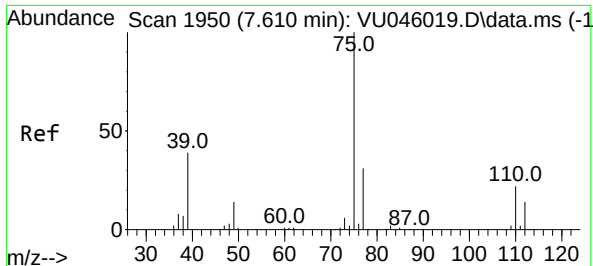
Ion Ratio Lower Upper

83 100

85 63.5 44.4 82.5

127 8.6 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 44.849 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU046019.D

Acq: 29 Nov 2021 12:50

Instrument :

MSVOA_U

ClientSampleId :

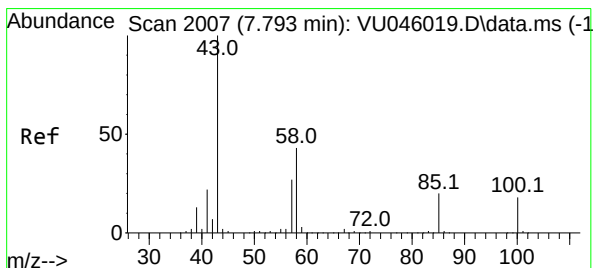
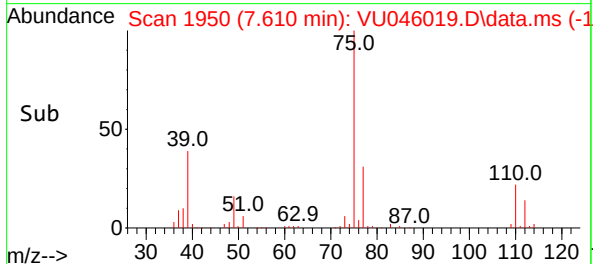
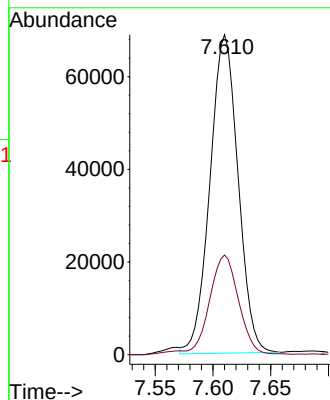
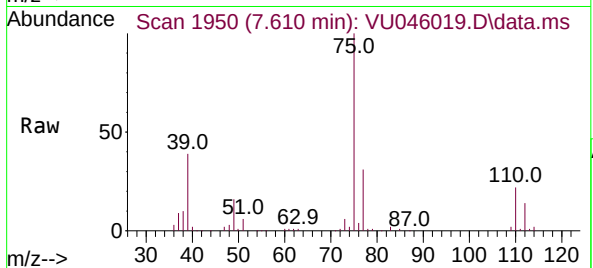
VSTD050033

Tgt Ion: 75 Resp: 116392

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 91.179 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU046019.D

Acq: 29 Nov 2021 12:50

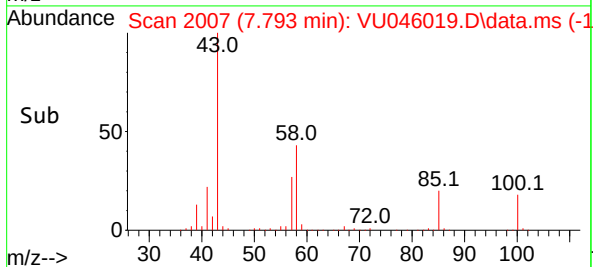
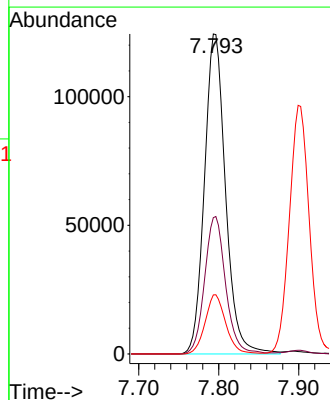
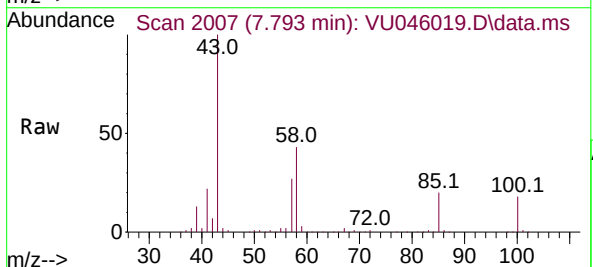
Tgt Ion: 43 Resp: 228656

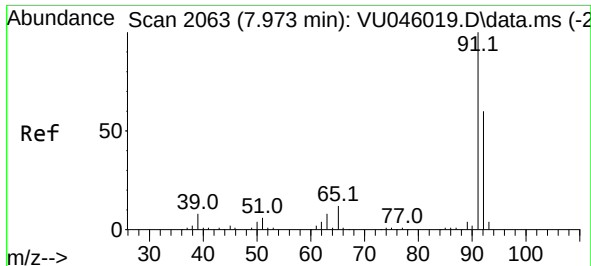
Ion Ratio Lower Upper

43 100

58 42.8 34.2 51.4

100 18.1 14.5 21.7

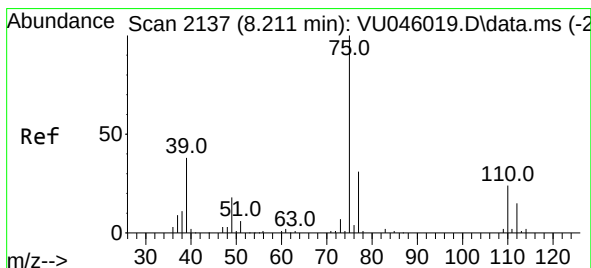
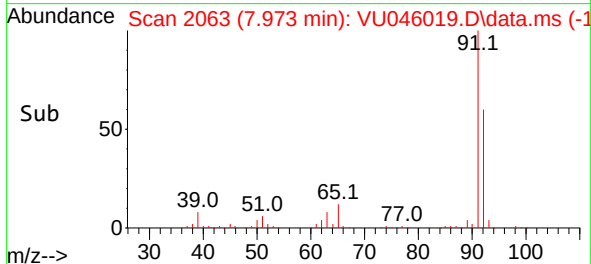
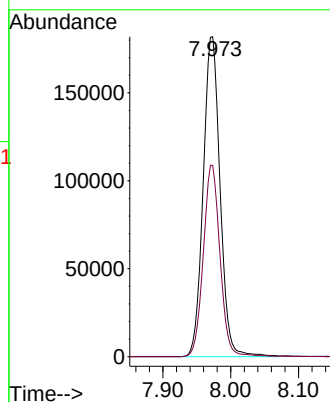
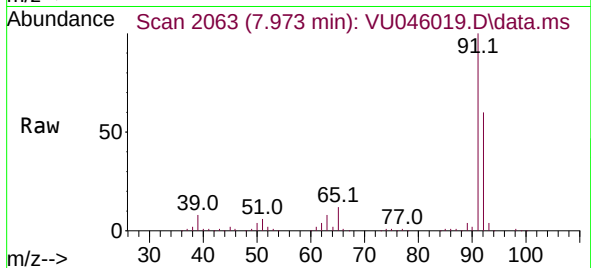




#42
Toluene
Concen: 46.919 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU046019.D
Acq: 29 Nov 2021 12:50

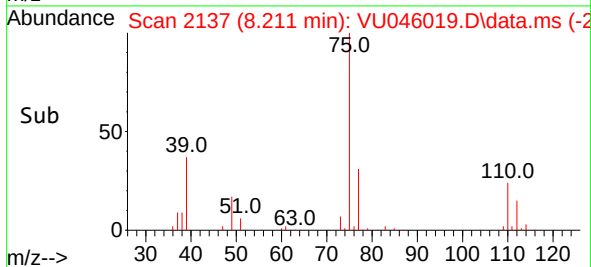
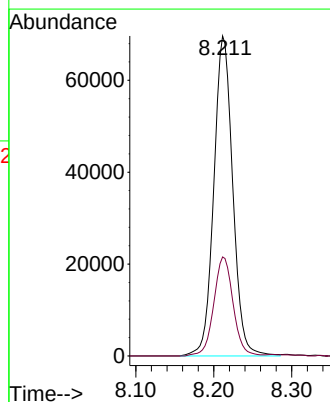
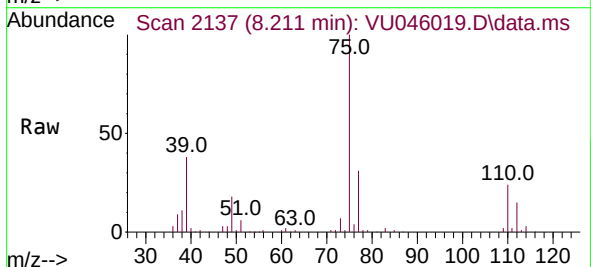
Instrument :
MSVOA_U
ClientSampleId :
VSTD050033

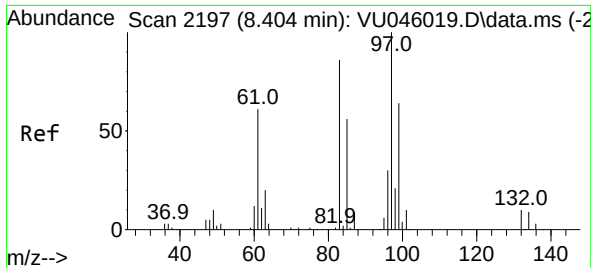
Tgt Ion: 91 Resp: 315515
Ion Ratio Lower Upper
91 100
92 59.8 41.9 77.7



#44
trans-1,3-Dichloropropene
Concen: 47.504 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU046019.D
Acq: 29 Nov 2021 12:50

Tgt Ion: 75 Resp: 117733
Ion Ratio Lower Upper
75 100
77 31.0 21.7 40.3

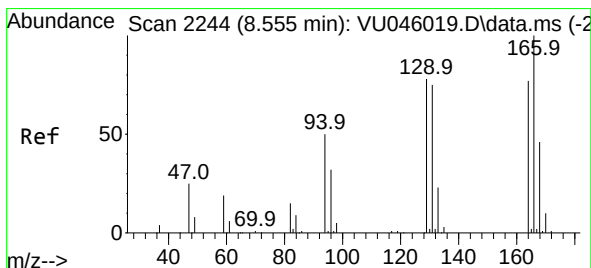
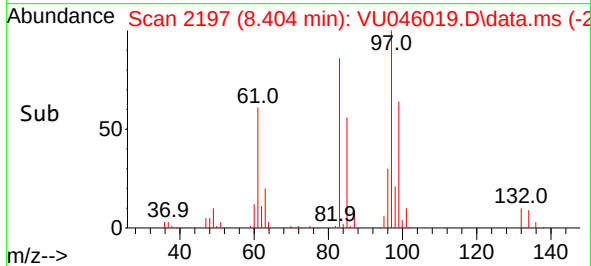
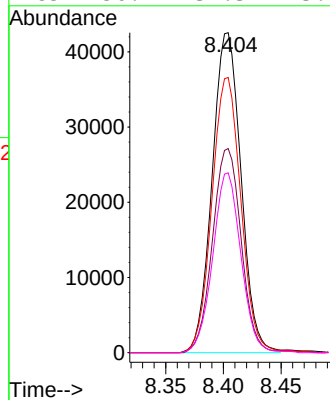
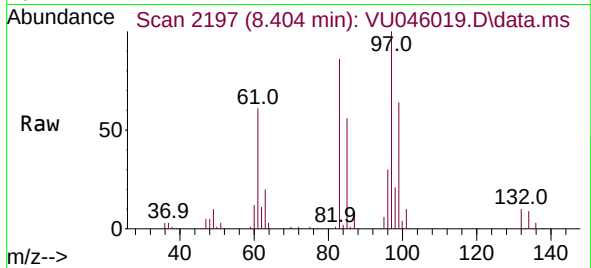




#45
1,1,2-Trichloroethane
Concen: 46.436 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU046019.D
Acq: 29 Nov 2021 12:50

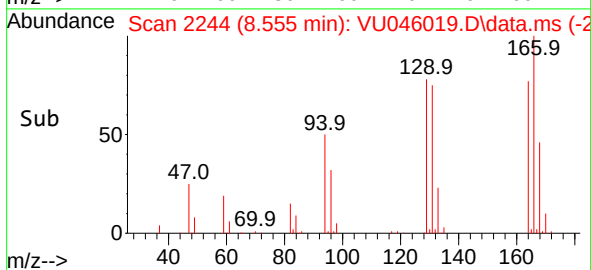
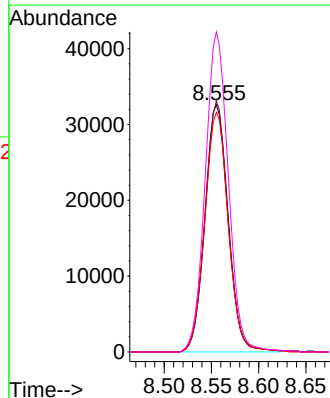
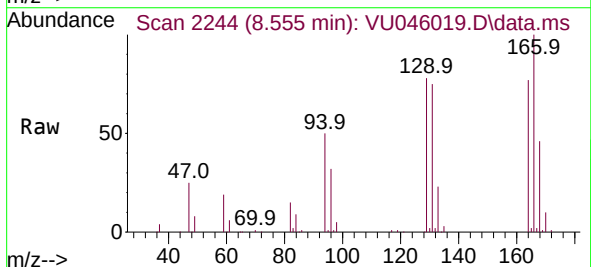
Instrument :
MSVOA_U
ClientSampleId :
VSTD050033

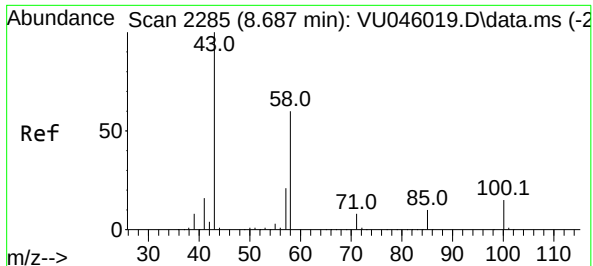
Tgt Ion:	97	Resp:	73898
Ion	Ratio	Lower	Upper
97	100		
99	63.8	44.7	82.9
83	86.0	60.2	111.8
85	56.2	39.3	73.1



#46
Tetrachloroethene
Concen: 49.969 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046019.D
Acq: 29 Nov 2021 12:50

Tgt Ion:	164	Resp:	56021
Ion	Ratio	Lower	Upper
164	100		
129	101.6	71.1	132.1
131	96.9	67.8	126.0
166	129.4	90.6	168.2



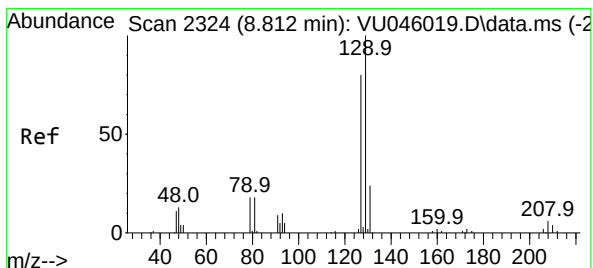
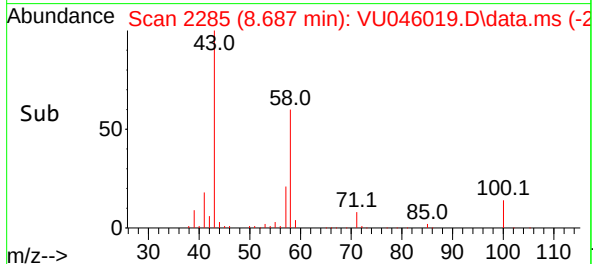
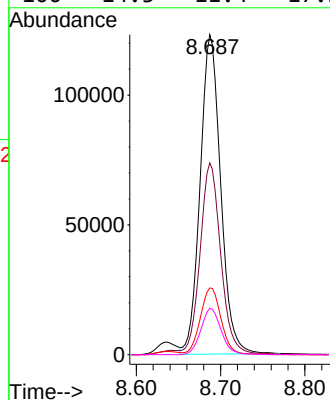
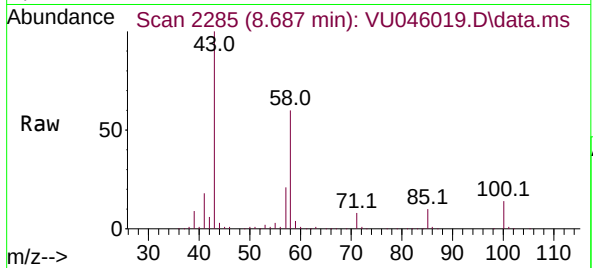


#48
2-Hexanone
Concen: 98.659 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046019.D
Acq: 29 Nov 2021 12:50

Instrument :
MSVOA_U
ClientSampleId :
VSTD050033

Tgt Ion: 43 Resp: 209256

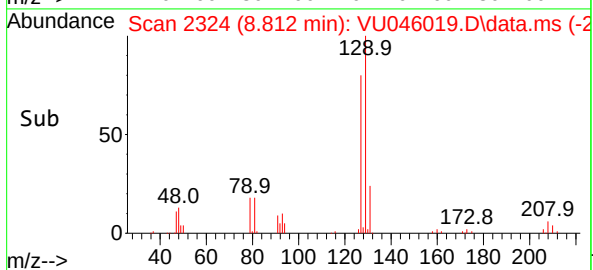
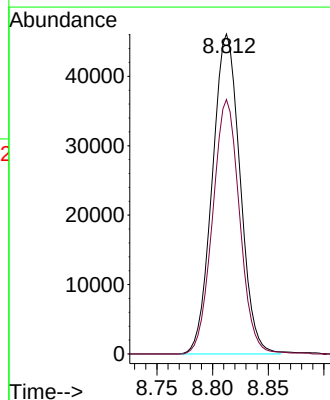
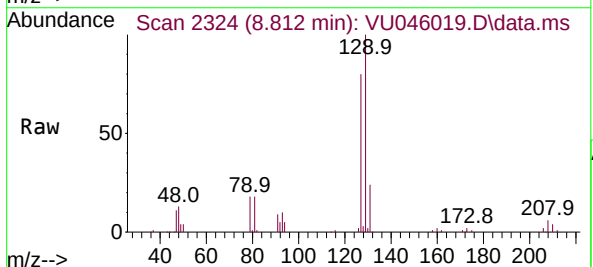
Ion	Ratio	Lower	Upper
43	100		
58	59.3	47.4	71.2
57	20.8	16.6	25.0
100	14.3	11.4	17.2

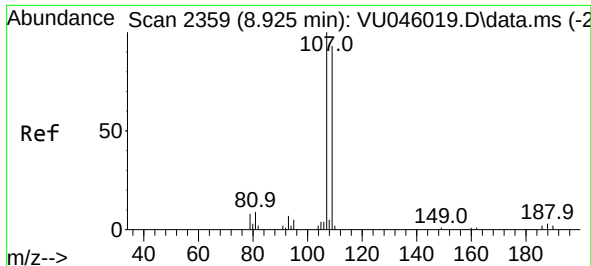


#49
Dibromochloromethane
Concen: 51.035 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU046019.D
Acq: 29 Nov 2021 12:50

Tgt Ion: 129 Resp: 79904

Ion	Ratio	Lower	Upper
129	100		
127	79.5	55.6	103.4

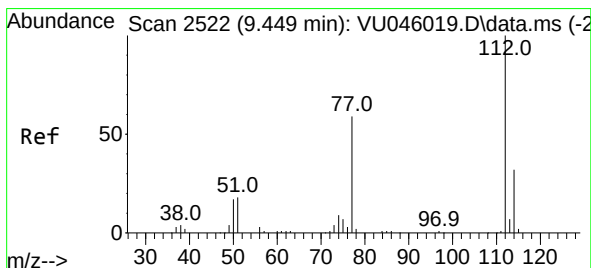
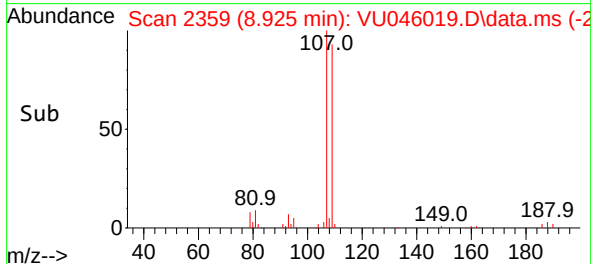
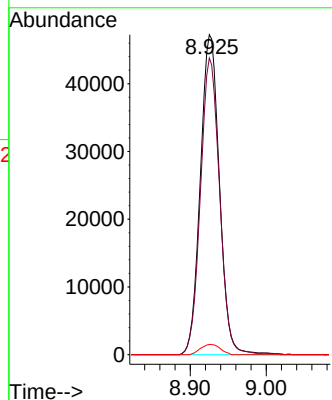
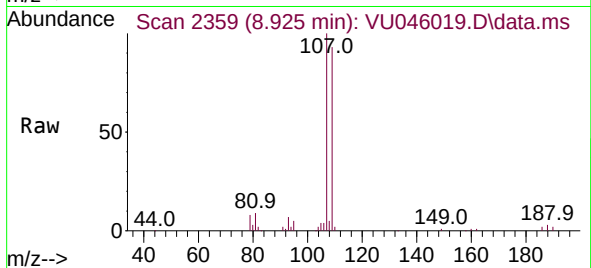




#50
1,2-Dibromoethane
Concen: 48.769 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046019.D
Acq: 29 Nov 2021 12:50

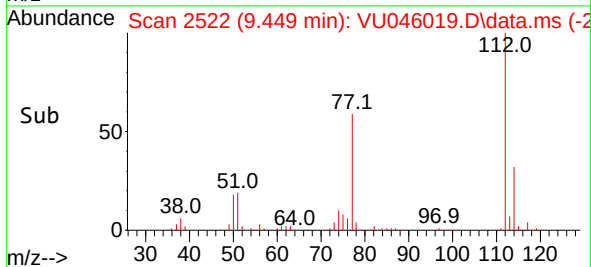
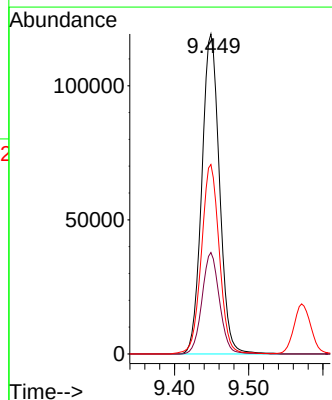
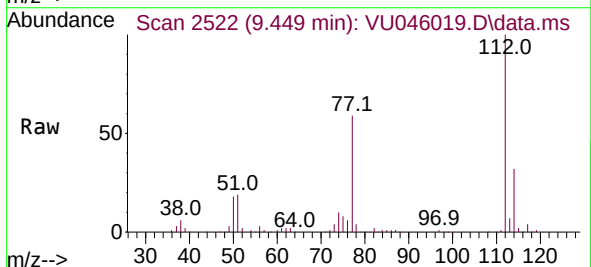
Instrument :
MSVOA_U
ClientSampleId :
VSTD050033

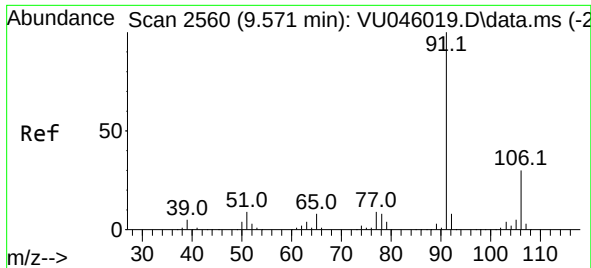
Tgt Ion:107 Resp: 82278
Ion Ratio Lower Upper
107 100
109 92.7 64.9 120.5
188 3.2 2.6 3.8



#51
Chlorobenzene
Concen: 48.156 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU046019.D
Acq: 29 Nov 2021 12:50

Tgt Ion:112 Resp: 197318
Ion Ratio Lower Upper
112 100
114 31.7 22.2 41.2
77 59.2 47.4 71.0

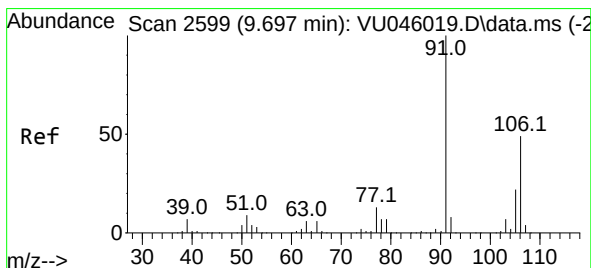
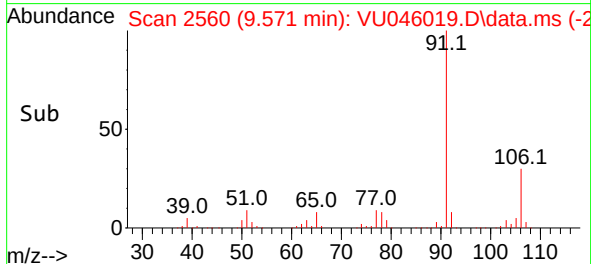
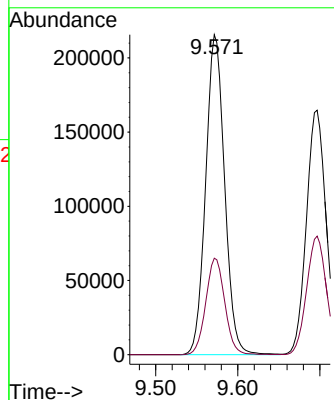
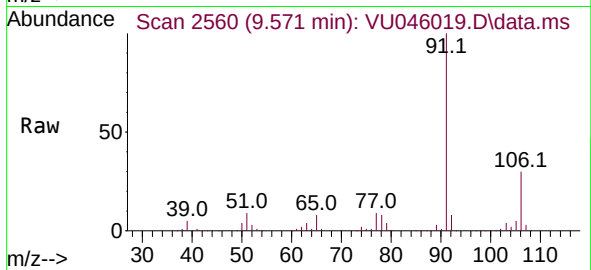




#52
Ethylbenzene
Concen: 48.097 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU046019.D
Acq: 29 Nov 2021 12:50

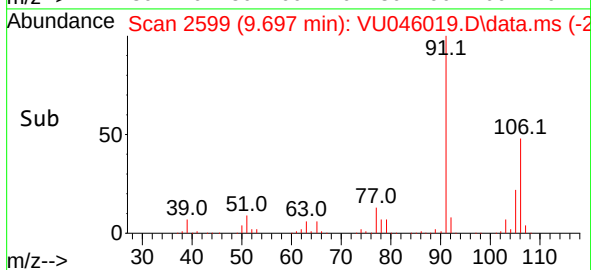
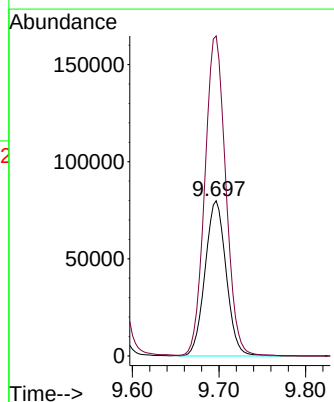
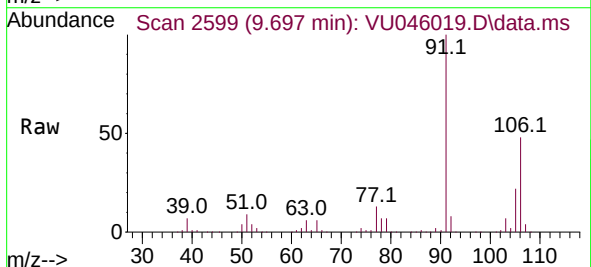
Instrument :
MSVOA_U
ClientSampleId :
VSTD050033

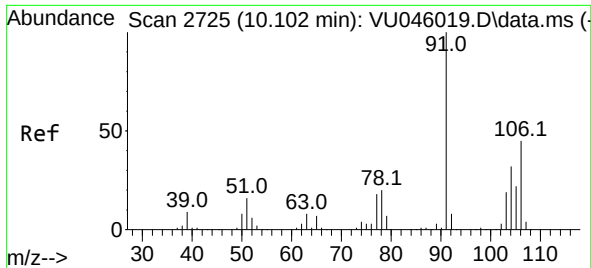
Tgt Ion: 91 Resp: 345374
Ion Ratio Lower Upper
91 100
106 30.2 21.1 39.3



#53
m,p-Xylene
Concen: 49.204 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU046019.D
Acq: 29 Nov 2021 12:50

Tgt Ion: 106 Resp: 135265
Ion Ratio Lower Upper
106 100
91 206.2 144.3 268.1

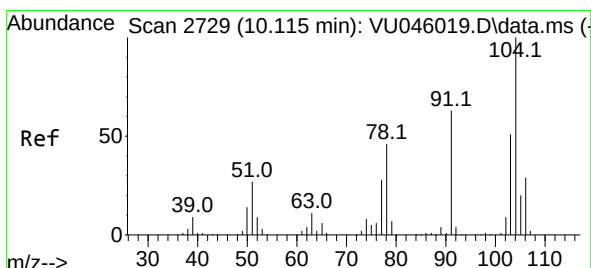
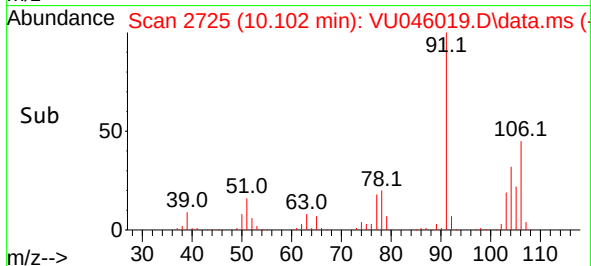
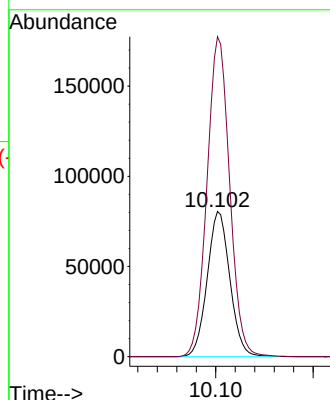
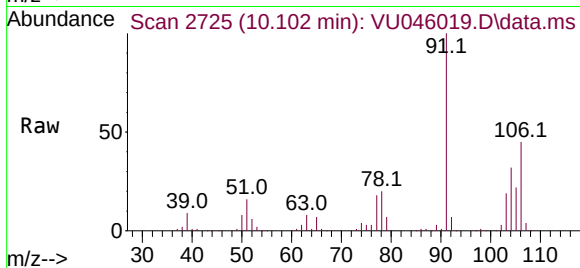




#54
o-xylene
Concen: 47.934 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU046019.D
Acq: 29 Nov 2021 12:50

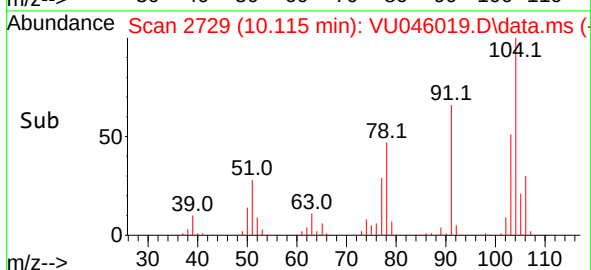
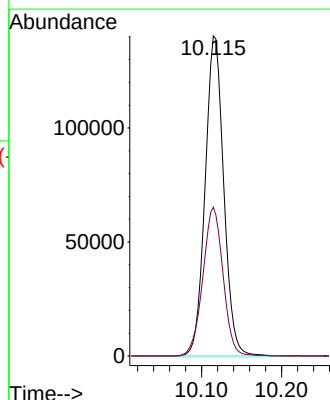
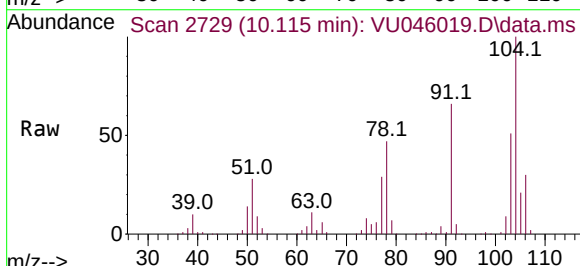
Instrument :
MSVOA_U
ClientSampleId :
VSTD050033

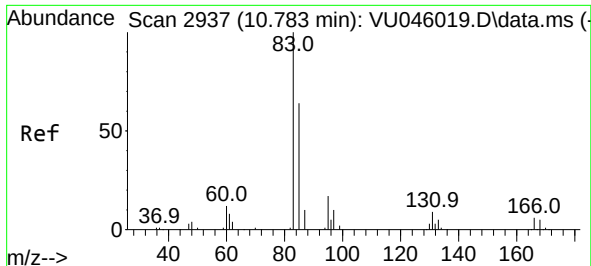
Tgt Ion:106 Resp: 129851
Ion Ratio Lower Upper
106 100
91 220.3 154.2 286.4



#55
Styrene
Concen: 49.697 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU046019.D
Acq: 29 Nov 2021 12:50

Tgt Ion:104 Resp: 227055
Ion Ratio Lower Upper
104 100
78 46.5 32.6 60.5





#57

1,1,2,2-Tetrachloroethane

Concen: 44.945 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU046019.D

Acq: 29 Nov 2021 12:50

Instrument :

MSVOA_U

ClientSampleId :

VSTD050033

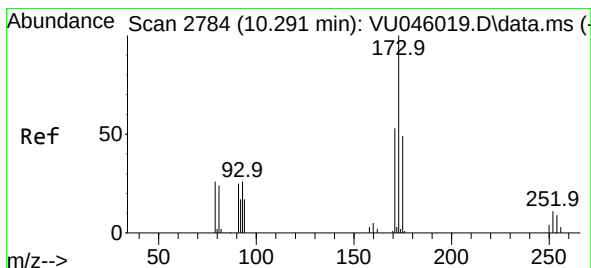
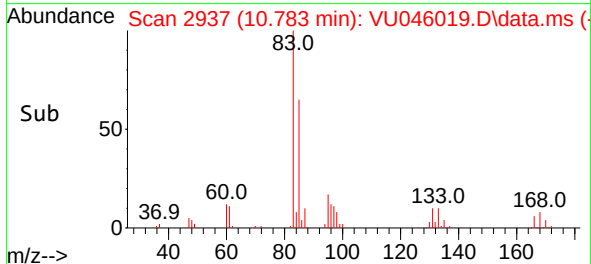
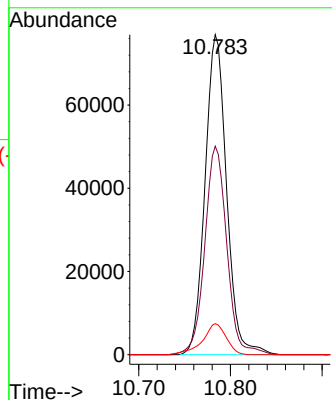
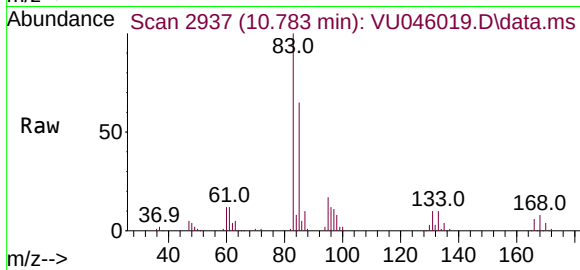
Tgt Ion: 83 Resp: 125419

Ion Ratio Lower Upper

83 100

85 65.1 45.6 84.6

131 9.7 7.8 11.6



#59

Bromoform

Concen: 49.403 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU046019.D

Acq: 29 Nov 2021 12:50

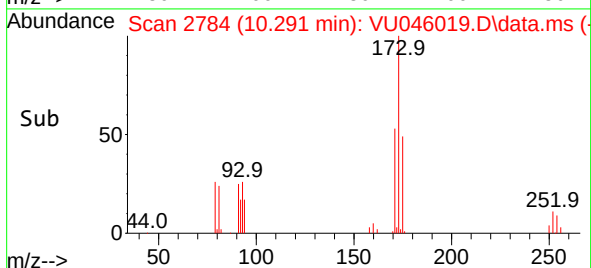
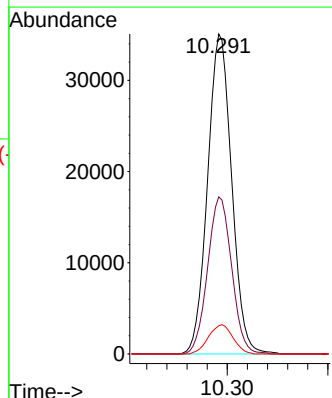
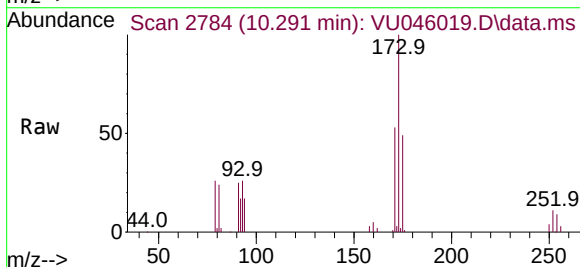
Tgt Ion:173 Resp: 58297

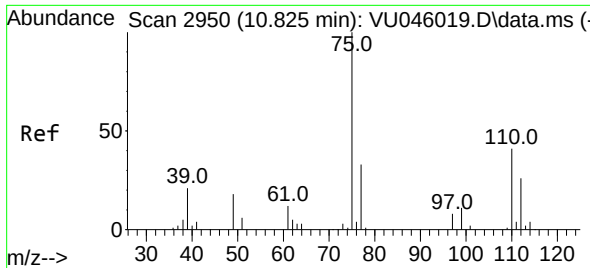
Ion Ratio Lower Upper

173 100

175 49.0 39.2 58.8

254 9.3 7.4 11.2

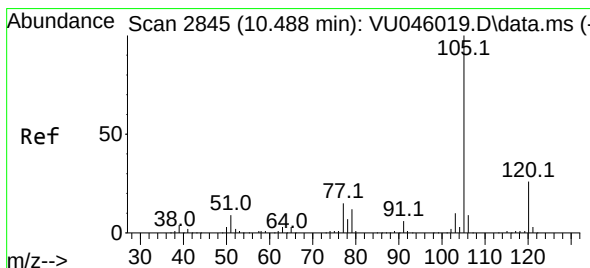
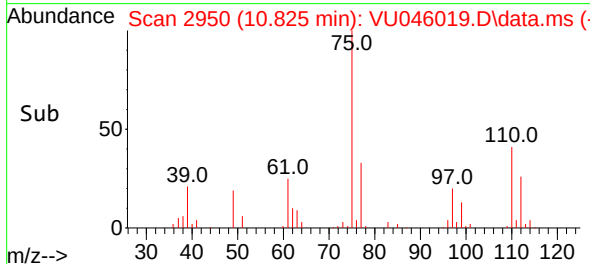
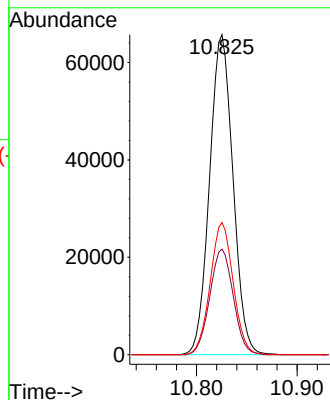
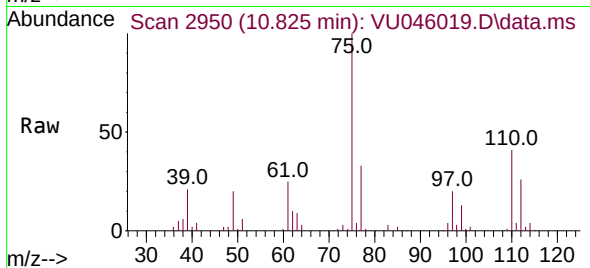




#60
1,2,3-Trichloropropane
Concen: 43.299 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU046019.D
Acq: 29 Nov 2021 12:50

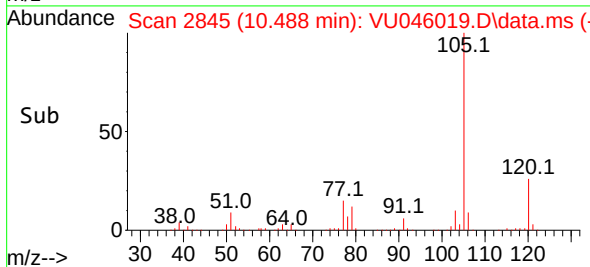
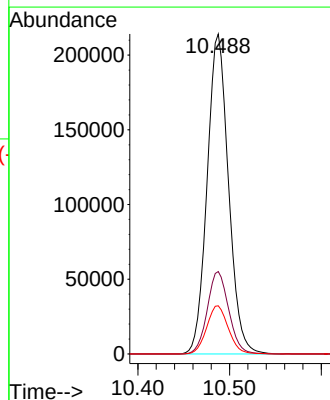
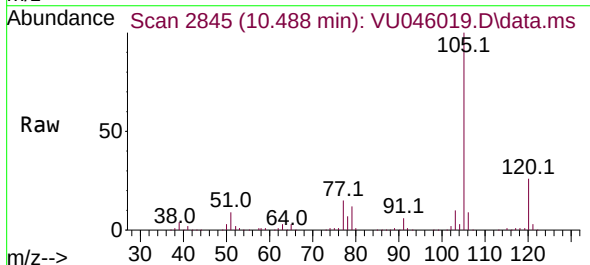
Instrument :
MSVOA_U
ClientSampleId :
VSTD050033

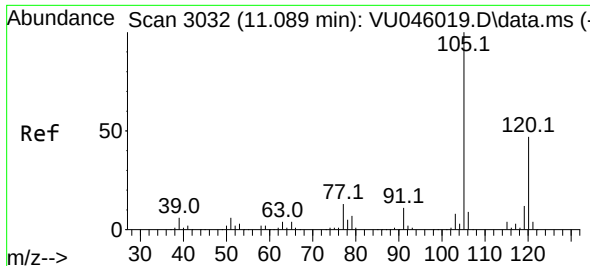
Tgt Ion: 75 Resp: 106338
Ion Ratio Lower Upper
75 100
77 33.0 26.4 39.6
110 40.5 32.4 48.6



#61
Isopropylbenzene
Concen: 46.347 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU046019.D
Acq: 29 Nov 2021 12:50

Tgt Ion: 105 Resp: 345741
Ion Ratio Lower Upper
105 100
120 25.9 20.7 31.1
77 15.3 12.2 18.4





#62

1,3,5-Trimethylbenzene

Concen: 46.675 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU046019.D

Acq: 29 Nov 2021 12:50

Instrument :

MSVOA_U

ClientSampleId :

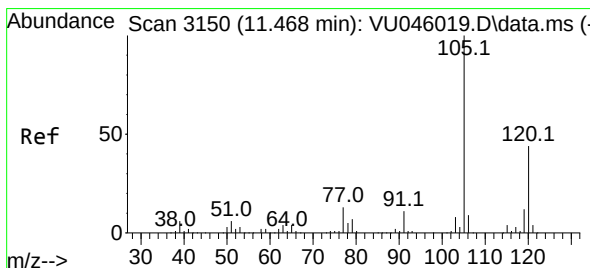
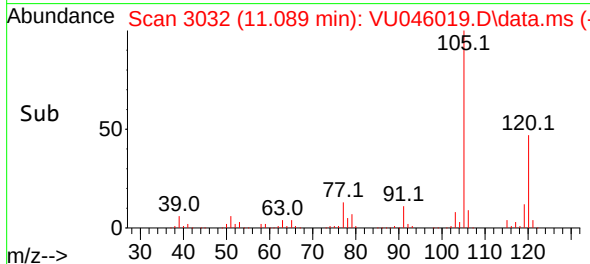
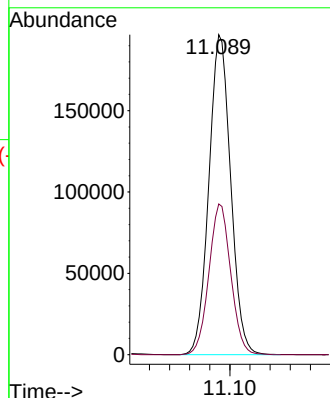
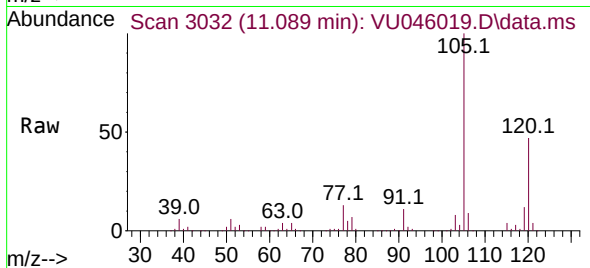
VSTD050033

Tgt Ion:105 Resp: 295651

Ion Ratio Lower Upper

105 100

120 47.2 37.8 56.6



#63

1,2,4-Trimethylbenzene

Concen: 46.266 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU046019.D

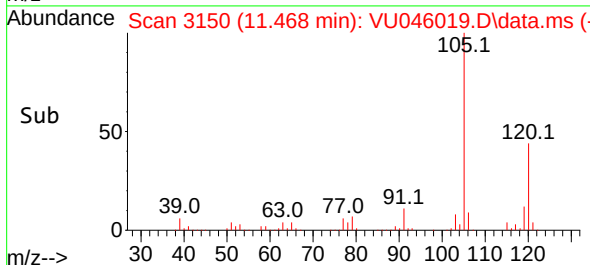
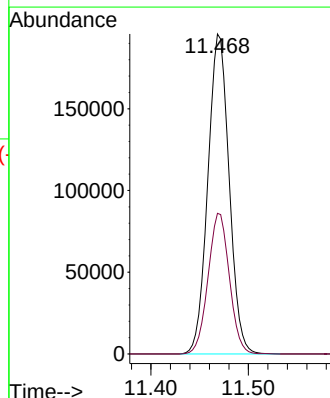
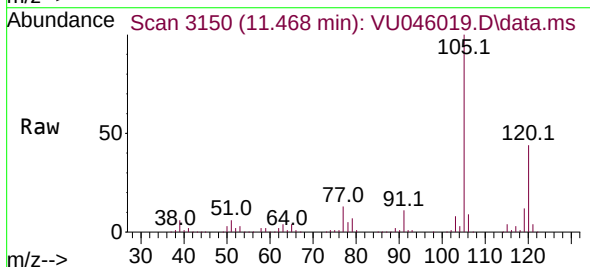
Acq: 29 Nov 2021 12:50

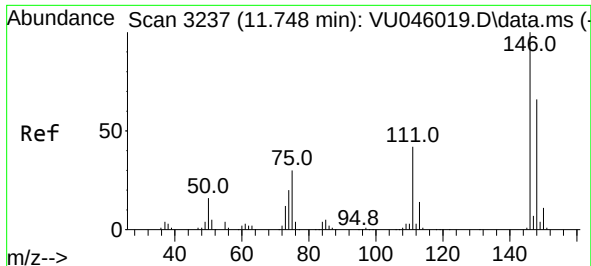
Tgt Ion:105 Resp: 296562

Ion Ratio Lower Upper

105 100

120 44.0 35.2 52.8

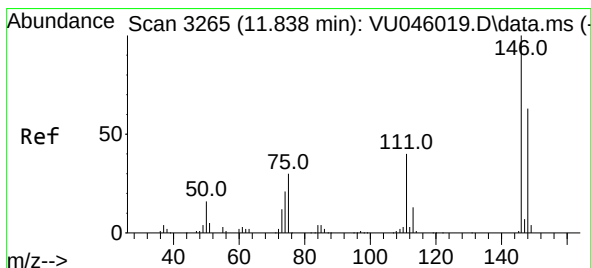
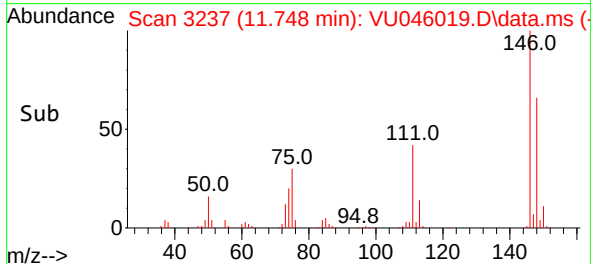
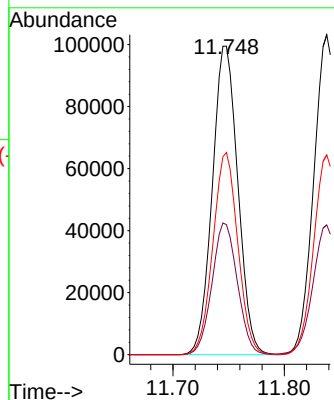
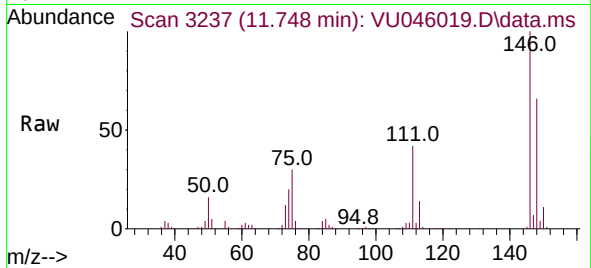




#64
1,3-Dichlorobenzene
Concen: 47.706 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU046019.D
Acq: 29 Nov 2021 12:50

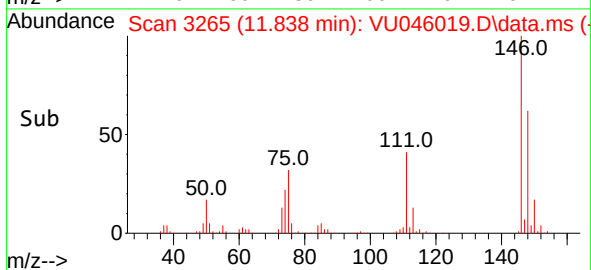
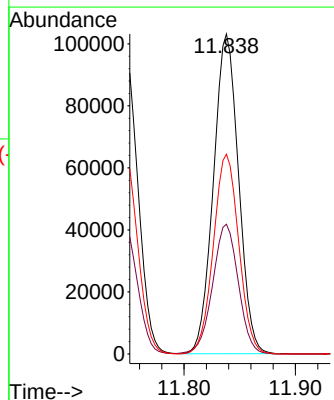
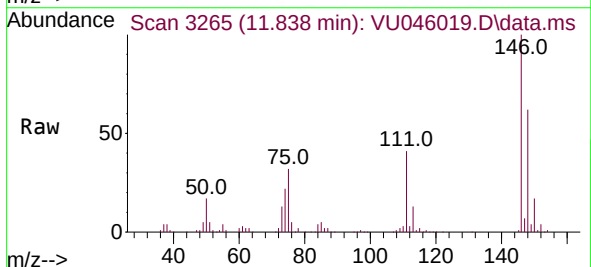
Instrument :
MSVOA_U
ClientSampleId :
VSTD050033

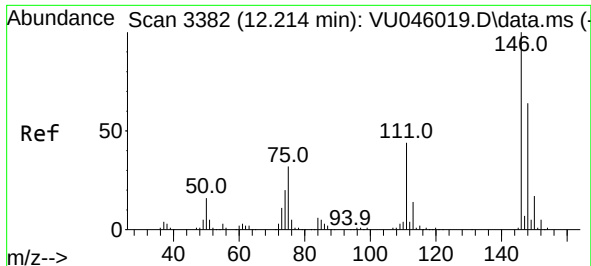
Tgt Ion:146 Resp: 158570
Ion Ratio Lower Upper
146 100
111 42.2 29.5 54.9
148 65.6 45.9 85.3



#65
1,4-Dichlorobenzene
Concen: 47.835 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU046019.D
Acq: 29 Nov 2021 12:50

Tgt Ion:146 Resp: 161424
Ion Ratio Lower Upper
146 100
111 40.5 28.3 52.7
148 62.5 43.8 81.3

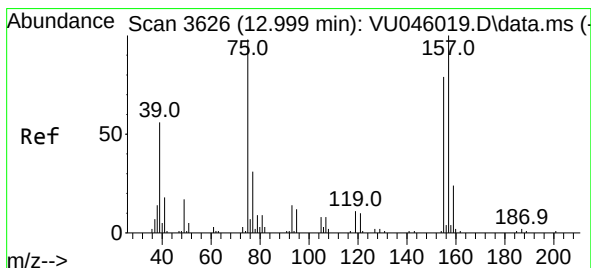
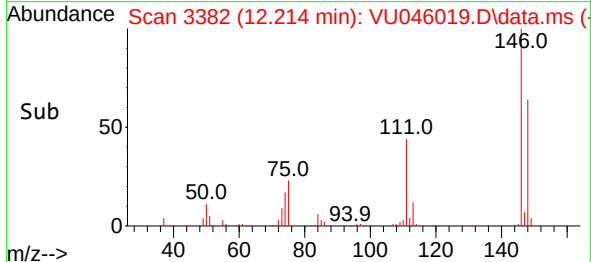
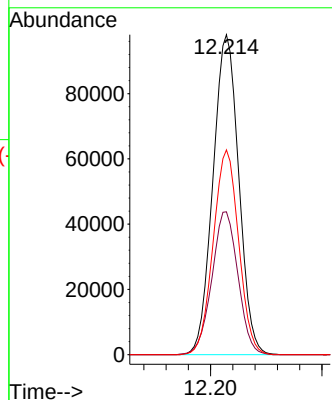
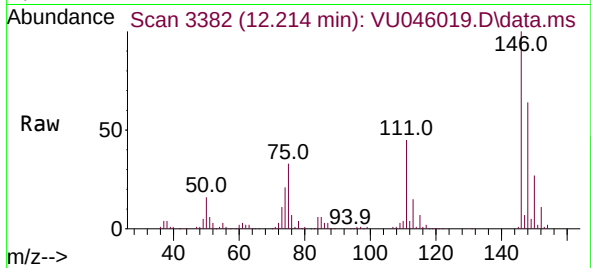




#67
1,2-Dichlorobenzene
Concen: 46.201 ug/L
RT: 12.214 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU046019.D
Acq: 29 Nov 2021 12:50

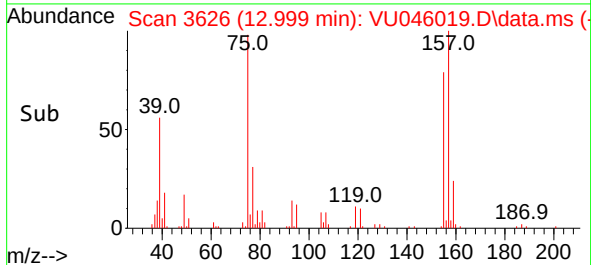
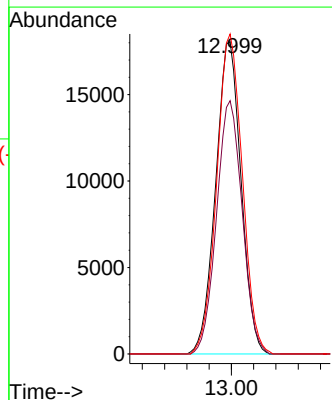
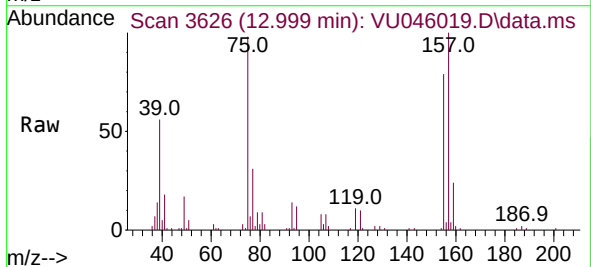
Instrument :
MSVOA_U
ClientSampleId :
VSTD050033

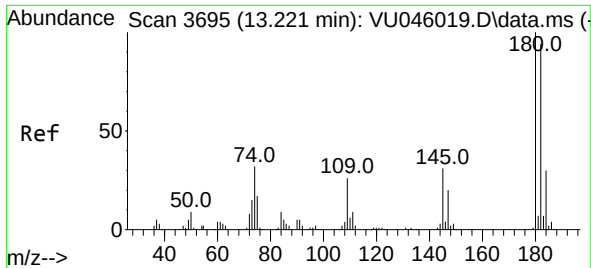
Tgt Ion:146 Resp: 157679
Ion Ratio Lower Upper
146 100
111 44.6 35.7 53.5
148 64.0 51.2 76.8



#68
1,2-Dibromo-3-chloropropane
Concen: 40.460 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU046019.D
Acq: 29 Nov 2021 12:50

Tgt Ion: 75 Resp: 28659
Ion Ratio Lower Upper
75 100
155 81.1 64.9 97.3
157 102.4 81.9 122.9

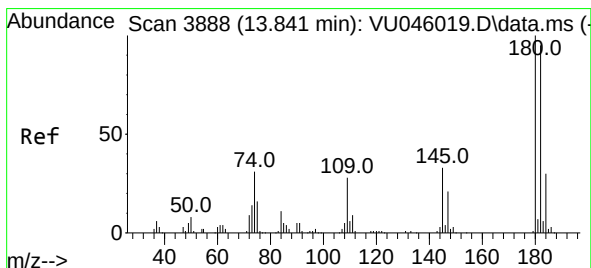
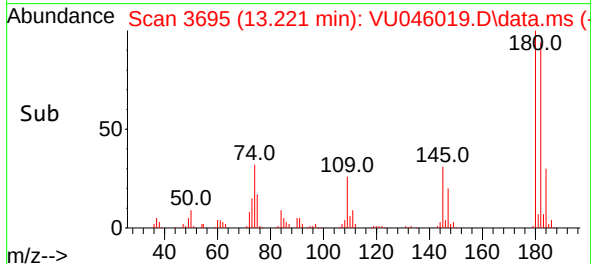
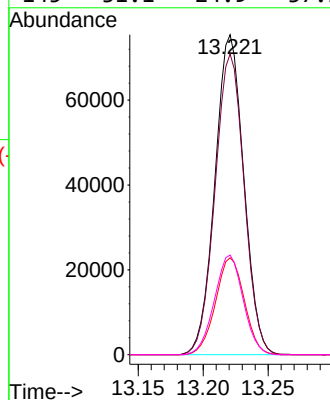
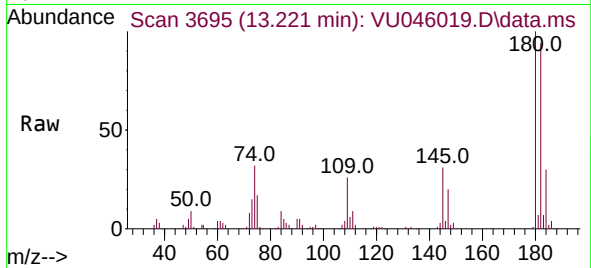




#69
 1,3,5-Trichlorobenzene
 Concen: 47.323 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU046019.D
 Acq: 29 Nov 2021 12:50

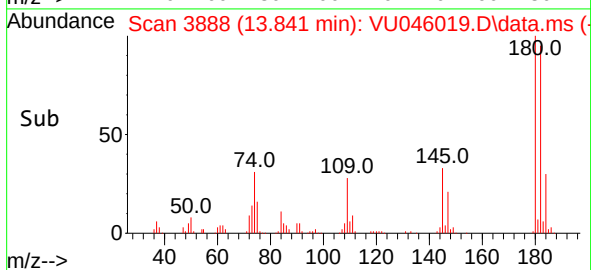
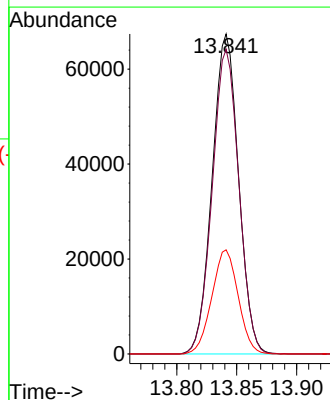
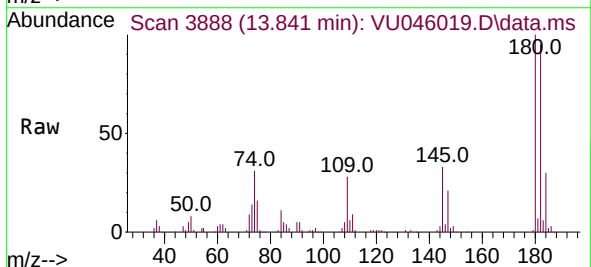
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050033

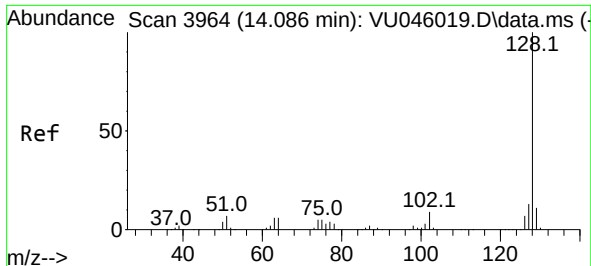
Tgt Ion:180 Resp: 116308
 Ion Ratio Lower Upper
 180 100
 182 94.9 75.9 113.9
 184 30.3 24.2 36.4
 145 31.1 24.9 37.3



#70
 1,2,4-trichlorobenzene
 Concen: 46.061 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU046019.D
 Acq: 29 Nov 2021 12:50

Tgt Ion:180 Resp: 102914
 Ion Ratio Lower Upper
 180 100
 182 95.9 76.7 115.1
 145 32.5 26.0 39.0

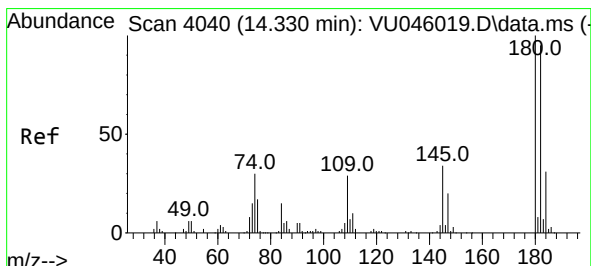
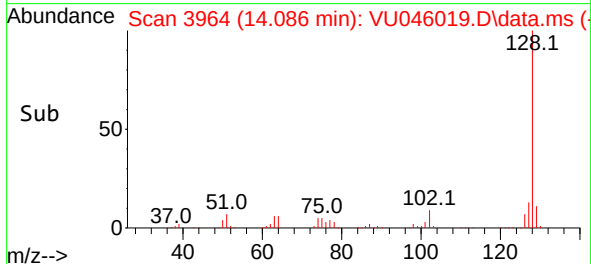
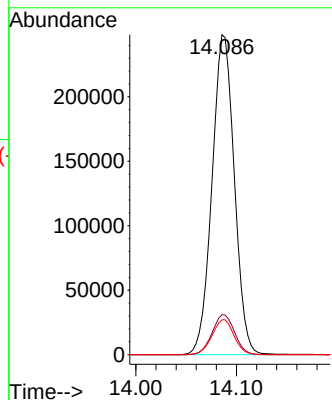
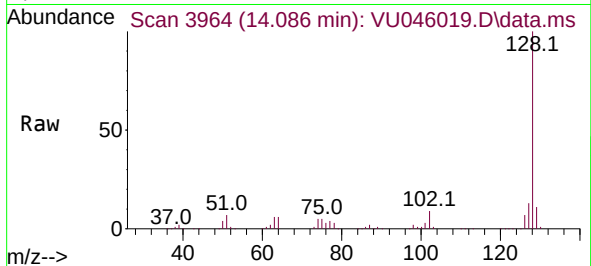




#71
Naphthalene
Concen: 45.510 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU046019.D
Acq: 29 Nov 2021 12:50

Instrument :
MSVOA_U
ClientSampleId :
VSTD050033

Tgt Ion:128 Resp: 382378
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: 47.218 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU046019.D
Acq: 29 Nov 2021 12:50

Tgt Ion:180 Resp: 108036
Ion Ratio Lower Upper
180 100
182 95.0 76.0 114.0
145 34.1 27.3 40.9

