

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101921\
 Data File : VU045330.D
 Acq On : 19 Oct 2021 15:00
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 20 03:08:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 20 02:57:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	322254	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	310815	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	152217	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	65469	46.637	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.280%
7) Chloroethane-d5	1.906	69	63590	47.403	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.571	63	132505	47.404	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.800%
21) 2-Butanone-d5	4.626	46	201146	95.993	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.990%
24) Chloroform-d	5.070	84	184769	49.490	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.980%
26) 1,2-Dichloroethane-d4	5.706	65	123320	48.322	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.640%
32) Benzene-d6	5.732	84	295225	50.500	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	6.697	67	115695	50.911	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.820%
41) Toluene-d8	7.902	98	253522	50.843	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.680%
43) trans-1,3-Dichloroprop...	8.182	79	60032	52.043	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.080%
47) 2-Hexanone-d5	8.636	63	149765	105.035	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.030%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	215577	50.180	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.360%
66) 1,2-Dichlorobenzene-d4	12.198	152	139231	52.719	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	108226	46.068	ug/L	99
3) Chloromethane	1.523	50	120479	45.319	ug/L	100
5) Vinyl chloride	1.604	62	132973	45.222	ug/L	98
6) Bromomethane	1.845	94	74396	47.813	ug/L	98
8) Chloroethane	1.928	64	86474	46.817	ug/L	98
9) Trichlorofluoromethane	2.137	101	165092	46.158	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	105651	46.475	ug/L	98
12) 1,1-Dichloroethene	2.581	96	97022	46.296	ug/L	99
13) Acetone	2.629	43	161120	66.039	ug/L	99
14) Carbon disulfide	2.797	76	271293	47.095	ug/L	100
15) Methyl Acetate	2.951	43	139482	46.106	ug/L	98
16) Methylene chloride	3.051	84	121624	45.061	ug/L	99
17) trans-1,2-Dichloroethene	3.356	96	106280	47.274	ug/L	97
18) Methyl tert-butyl Ether	3.369	73	380830	48.576	ug/L	100
19) 1,1-Dichloroethane	3.874	63	214035	46.525	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	123649	48.012	ug/L	99
22) 2-Butanone	4.706	43	214994	79.906	ug/L	99
23) Bromochloromethane	4.980	128	59735	47.098	ug/L	97
25) Chloroform	5.092	83	216680	46.270	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101921\
 Data File : VU045330.D
 Acq On : 19 Oct 2021 15:00
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

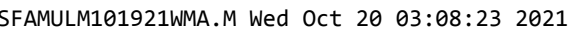
Instrument :
 MSVOA_U
 ClientSampleId :

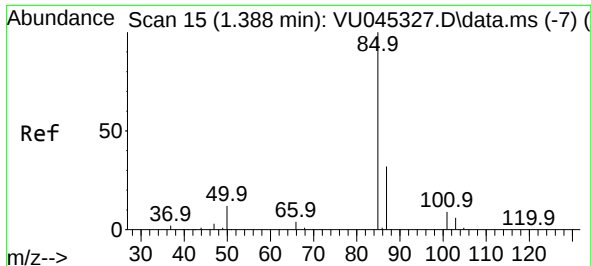
Quant Time: Oct 20 03:08:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 20 02:57:45 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	177202	47.377	ug/L	99
29) Cyclohexane	5.394	56	186302	50.479	ug/L	99
30) 1,1,1-Trichloroethane	5.321	97	178374	48.640	ug/L	100
31) Carbon tetrachloride	5.530	117	138286	48.833	ug/L	99
33) Benzene	5.777	78	471870	48.766	ug/L	100
34) Trichloroethene	6.546	95	116391	48.781	ug/L	100
35) Methylcyclohexane	6.767	83	186219	49.687	ug/L	100
37) 1,2-Dichloropropane	6.796	63	127441	48.425	ug/L	100
38) Bromodichloromethane	7.111	83	165334	48.571	ug/L	97
39) cis-1,3-Dichloropropene	7.613	75	195747	49.681	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	394765	98.356	ug/L	99
42) Toluene	7.973	91	502172	49.748	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	189211	50.223	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	121711	48.254	ug/L	99
46) Tetrachloroethene	8.558	164	79933	48.356	ug/L	98
48) 2-Hexanone	8.687	43	315356	93.070	ug/L	97
49) Dibromochloromethane	8.816	129	120797	49.169	ug/L	98
50) 1,2-Dibromoethane	8.928	107	126783	48.819	ug/L	98
51) Chlorobenzene	9.452	112	308256	48.215	ug/L	99
52) Ethylbenzene	9.574	91	542274	49.503	ug/L	100
53) m,p-Xylene	9.697	106	209622	50.371	ug/L	98
54) o-xylene	10.105	106	208825	50.012	ug/L	100
55) Styrene	10.118	104	358686	50.759	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	218062	48.936	ug/L	99
59) Bromoform	10.295	173	85553	51.270	ug/L	99
60) 1,2,3-Trichloropropane	10.828	75	175261	50.143	ug/L	100
61) Isopropylbenzene	10.488	105	536483	51.614	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	454242	52.822	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	462077	53.072	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	235477	50.031	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	238821	50.023	ug/L	100
67) 1,2-Dichlorobenzene	12.217	146	239369	50.310	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	50083	51.457	ug/L	96
69) 1,3,5-Trichlorobenzene	13.224	180	165906	51.225	ug/L	100
70) 1,2,4-trichlorobenzene	13.844	180	148800	54.807	ug/L	99
71) Naphthalene	14.092	128	595259	65.592	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	151672	55.920	ug/L	99

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

Quant Time: Oct 20 03:08:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101921WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 20 02:57:45 2021
Response via : Initial Calibration

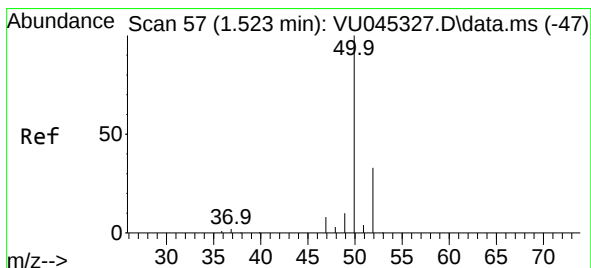
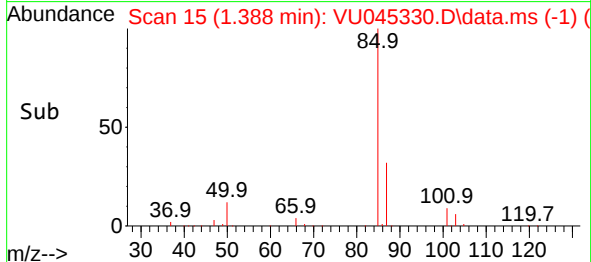
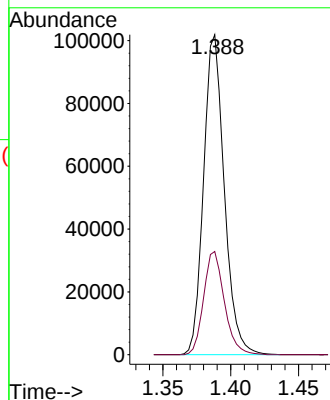
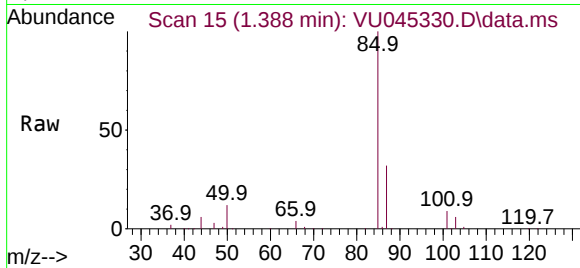




#2
Dichlorodifluoromethane
Concen: 46.068 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU045330.D
Acq: 19 Oct 2021 15:00

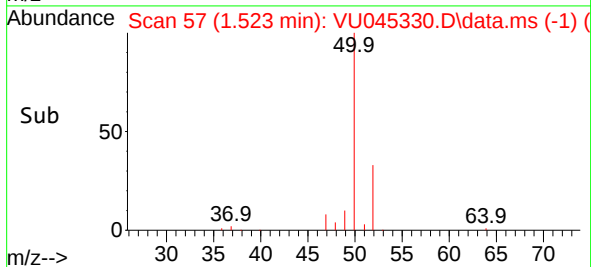
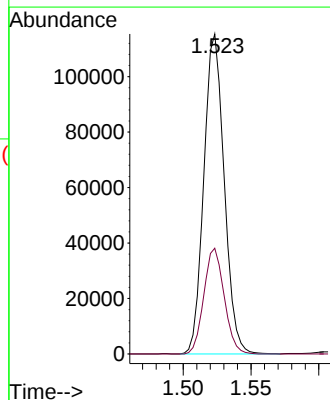
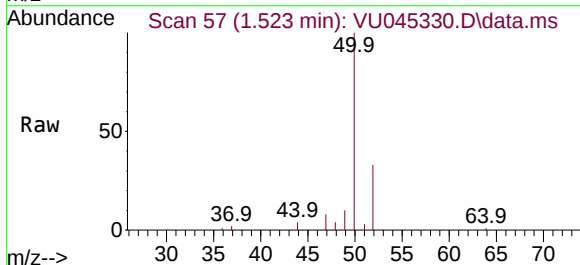
Instrument :
MSVOA_U
ClientSampled :

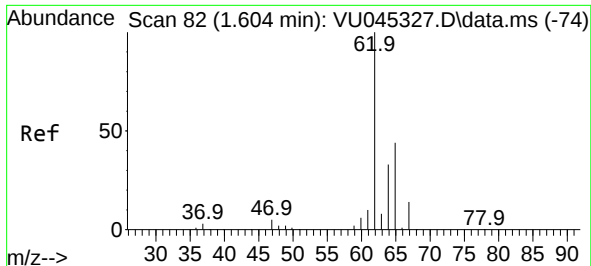
Tgt Ion: 85 Resp: 108226
Ion Ratio Lower Upper
85 100
87 32.2 25.3 37.9



#3
Chloromethane
Concen: 45.319 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU045330.D
Acq: 19 Oct 2021 15:00

Tgt Ion: 50 Resp: 120479
Ion Ratio Lower Upper
50 100
52 33.0 23.2 43.0

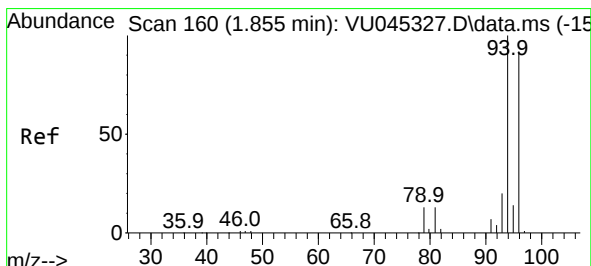
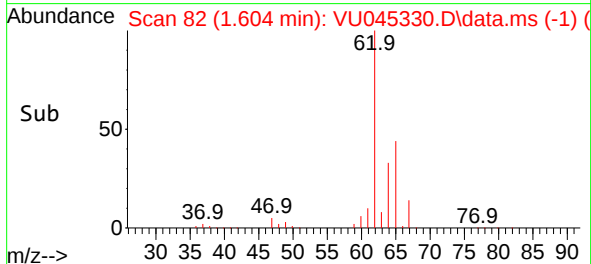
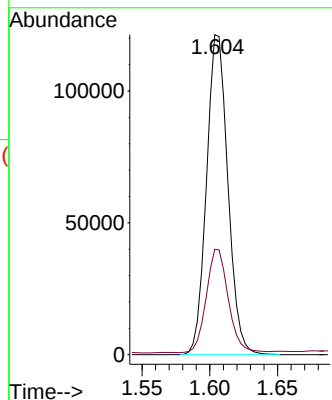
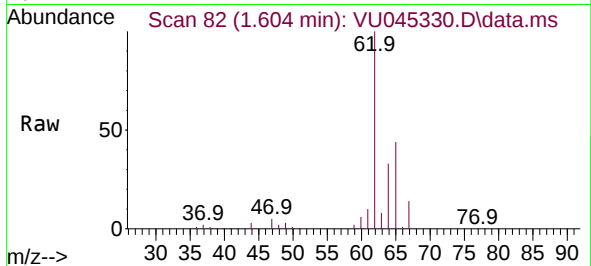




#5
 Vinyl chloride
 Concen: 45.222 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. -0.000 min
 Lab File: VU045330.D
 Acq: 19 Oct 2021 15:00

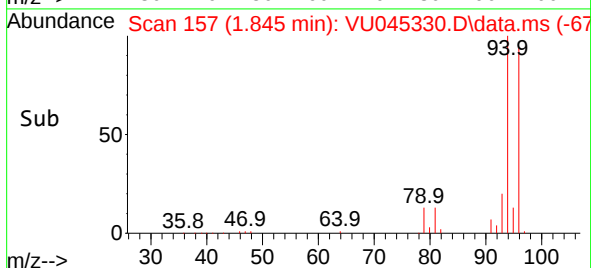
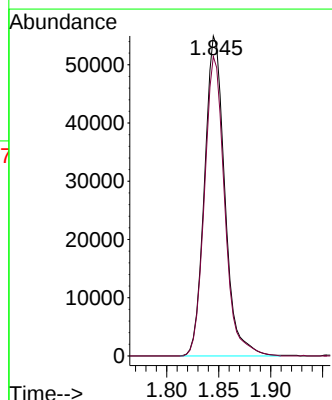
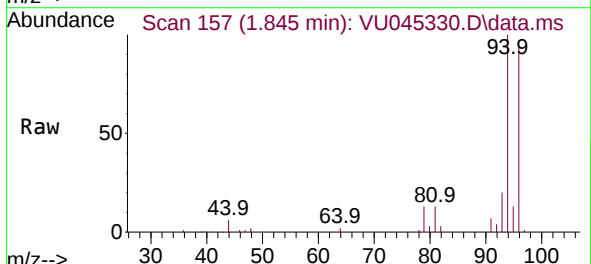
Instrument :
 MSVOA_U
 ClientSampled :

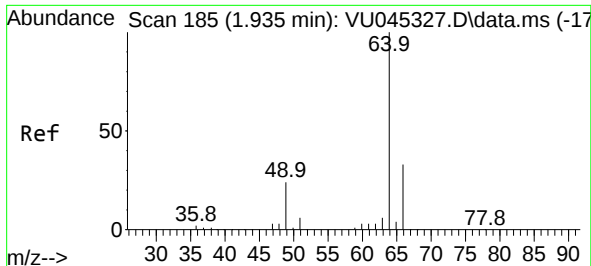
Tgt Ion: 62 Resp: 132973
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.9 44.3



#6
 Bromomethane
 Concen: 47.813 ug/L
 RT: 1.845 min Scan# 157
 Delta R.T. -0.010 min
 Lab File: VU045330.D
 Acq: 19 Oct 2021 15:00

Tgt Ion: 94 Resp: 74396
 Ion Ratio Lower Upper
 94 100
 96 93.6 64.1 119.1

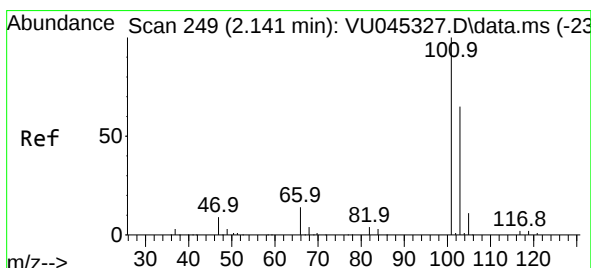
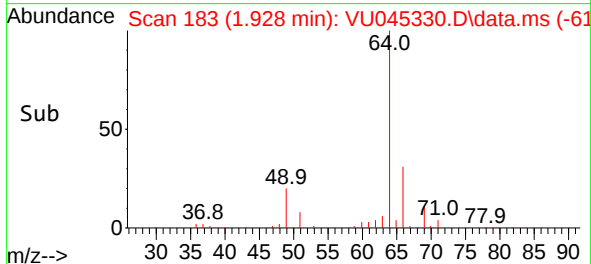
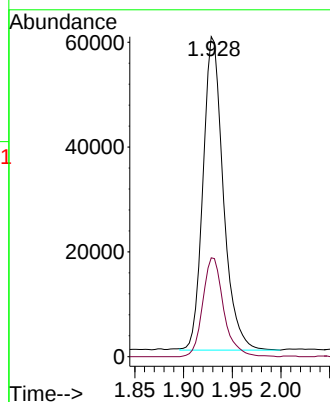
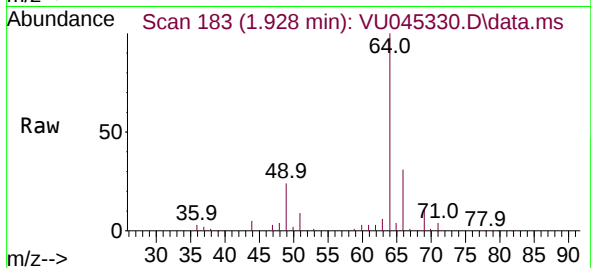




#8
Chloroethane
Concen: 46.817 ug/L
RT: 1.928 min Scan# 183
Delta R.T. -0.007 min
Lab File: VU045330.D
Acq: 19 Oct 2021 15:00

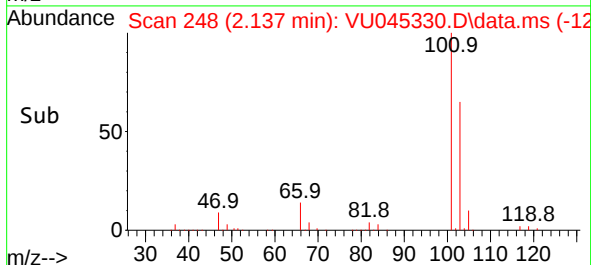
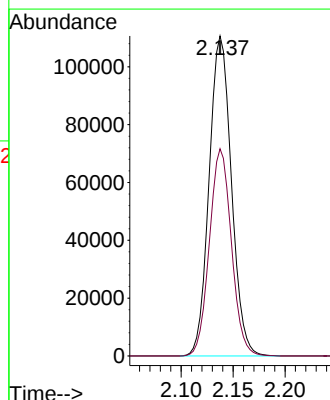
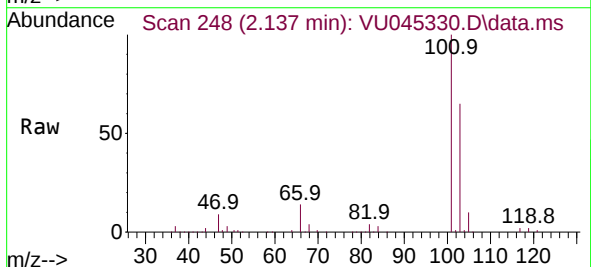
Instrument :
MSVOA_U
ClientSampleId :

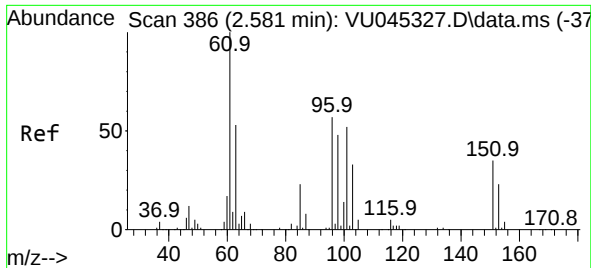
Tgt Ion: 64 Resp: 86474
Ion Ratio Lower Upper
64 100
66 30.9 22.5 41.9



#9
Trichlorofluoromethane
Concen: 46.158 ug/L
RT: 2.137 min Scan# 248
Delta R.T. -0.003 min
Lab File: VU045330.D
Acq: 19 Oct 2021 15:00

Tgt Ion:101 Resp: 165092
Ion Ratio Lower Upper
101 100
103 63.8 50.8 76.2

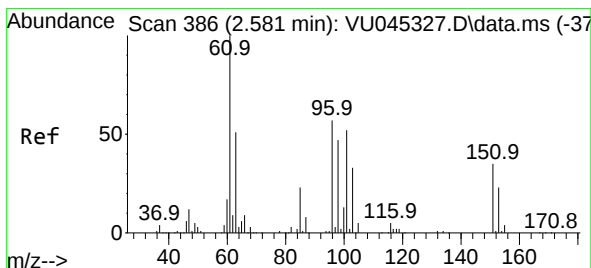
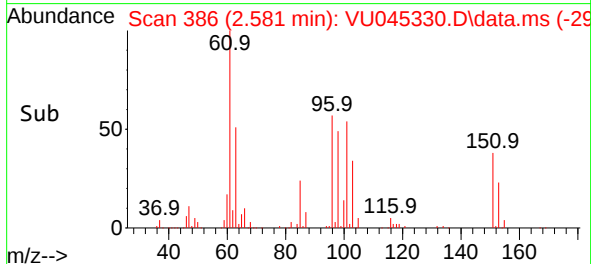
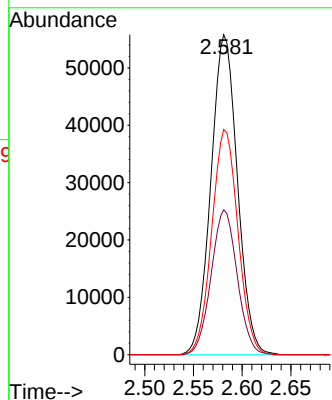
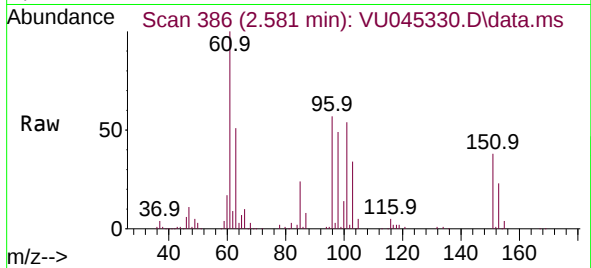




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 46.475 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.000 min
 Lab File: VU045330.D
 Acq: 19 Oct 2021 15:00

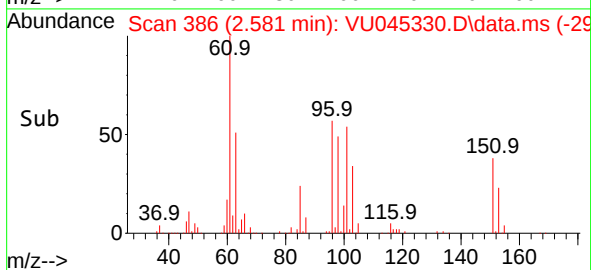
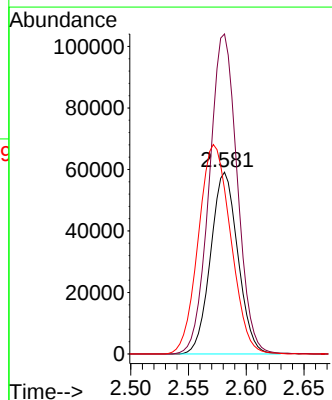
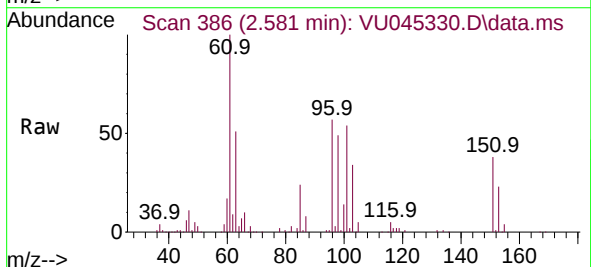
Instrument :
 MSVOA_U
 ClientSampleId :

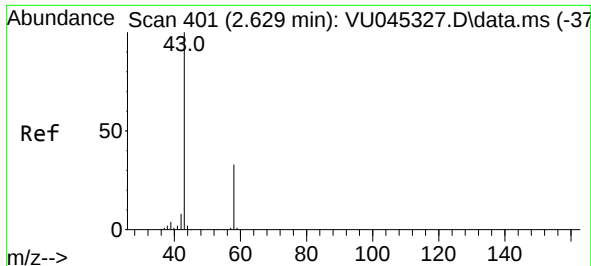
Tgt Ion:101 Resp: 105651
 Ion Ratio Lower Upper
 101 100
 85 44.5 35.2 52.8
 151 69.7 53.9 80.9



#12
 1,1-Dichloroethene
 Concen: 46.296 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.000 min
 Lab File: VU045330.D
 Acq: 19 Oct 2021 15:00

Tgt Ion: 96 Resp: 97022
 Ion Ratio Lower Upper
 96 100
 61 176.0 122.9 228.3
 63 90.6 65.3 121.3

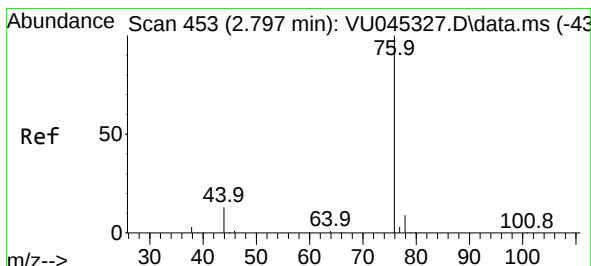
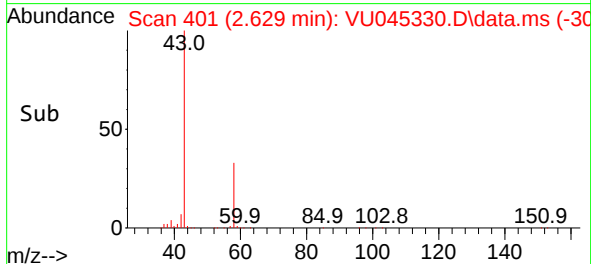
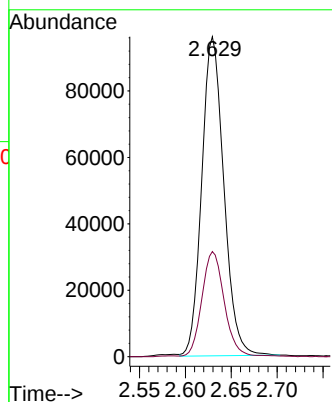
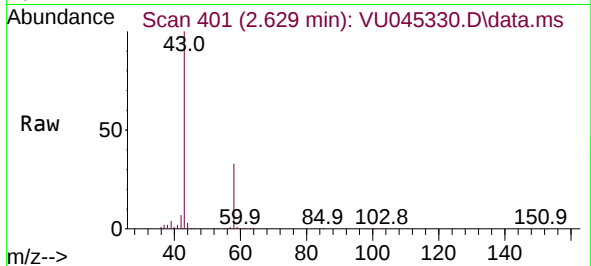




#13
Acetone
Concen: 66.039 ug/L
RT: 2.629 min Scan# 401
Delta R.T. -0.000 min
Lab File: VU045330.D
Acq: 19 Oct 2021 15:00

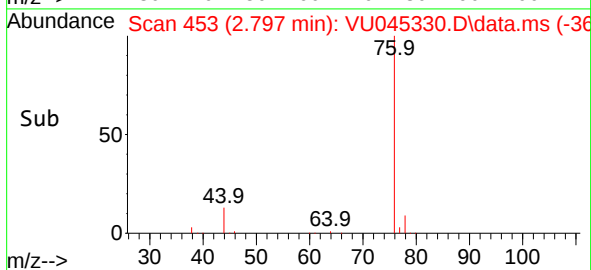
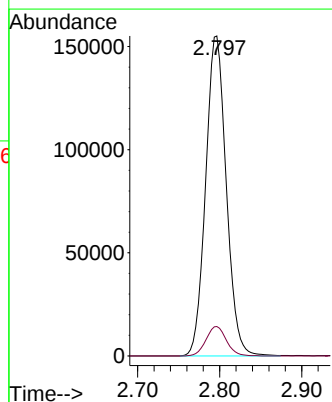
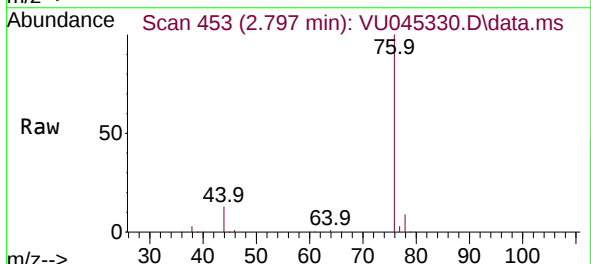
Instrument :
MSVOA_U
ClientSampled :

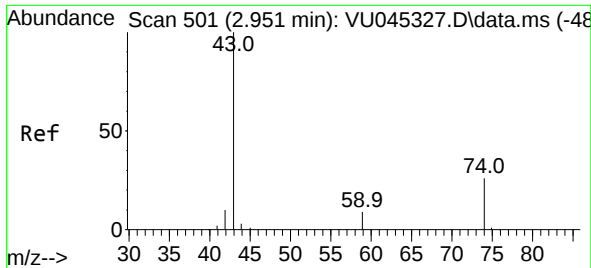
Tgt Ion: 43 Resp: 161120
Ion Ratio Lower Upper
43 100
58 32.8 0.0 64.8



#14
Carbon disulfide
Concen: 47.095 ug/L
RT: 2.797 min Scan# 453
Delta R.T. -0.000 min
Lab File: VU045330.D
Acq: 19 Oct 2021 15:00

Tgt Ion: 76 Resp: 271293
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

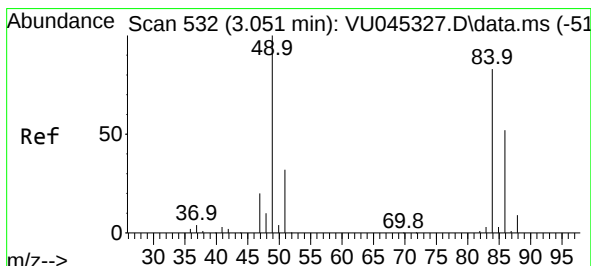
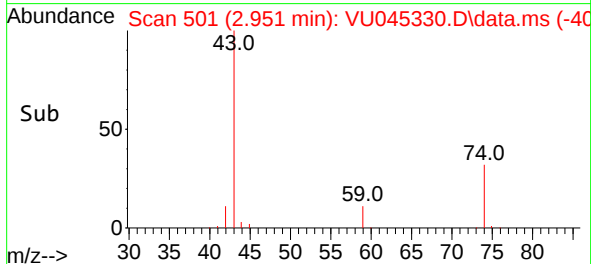
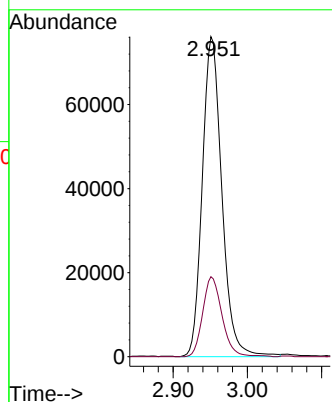
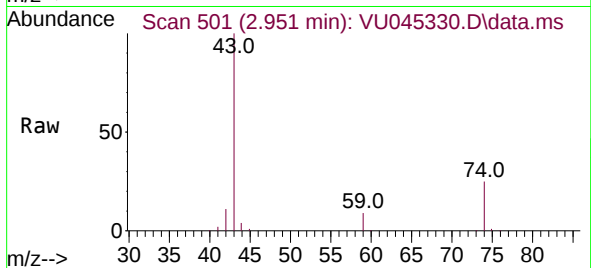




#15
Methyl Acetate
Concen: 46.106 ug/L
RT: 2.951 min Scan# 501
Delta R.T. -0.000 min
Lab File: VU045330.D
Acq: 19 Oct 2021 15:00

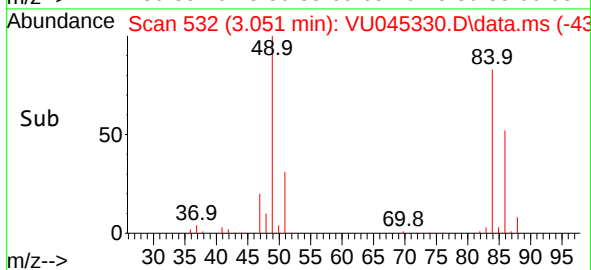
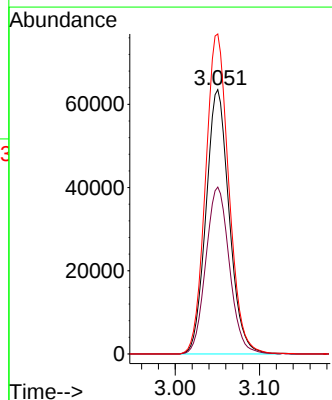
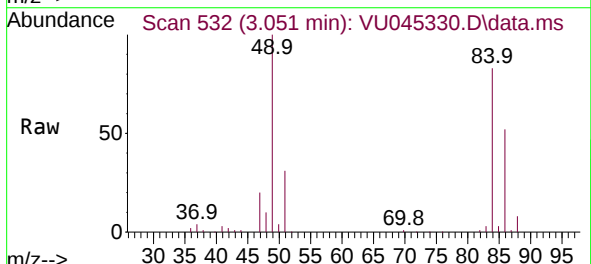
Instrument :
MSVOA_U
ClientSampleId :

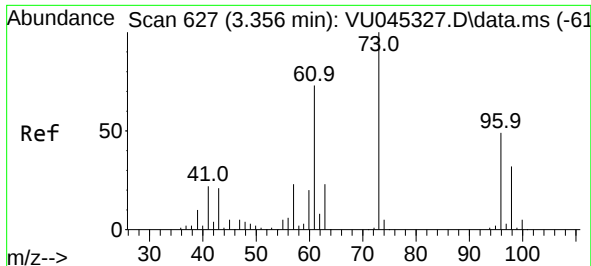
Tgt Ion: 43 Resp: 139482
Ion Ratio Lower Upper
43 100
74 24.4 20.5 30.7



#16
Methylene chloride
Concen: 45.061 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU045330.D
Acq: 19 Oct 2021 15:00

Tgt Ion: 84 Resp: 121624
Ion Ratio Lower Upper
84 100
86 63.1 44.1 81.9
49 121.1 84.2 156.4



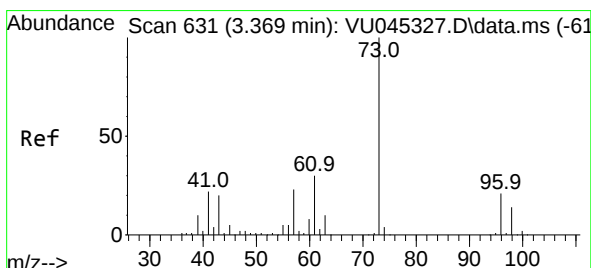
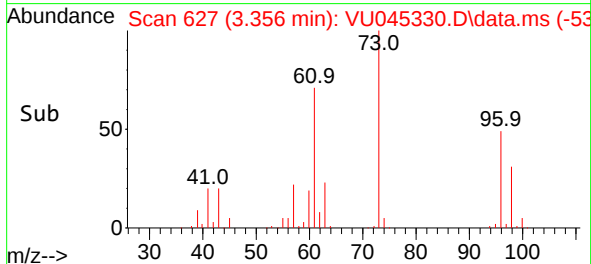
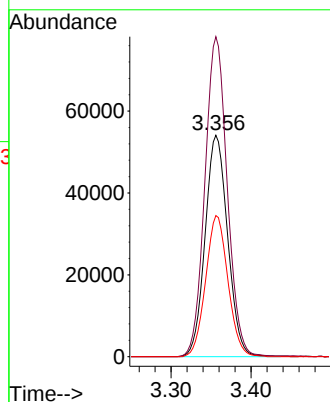
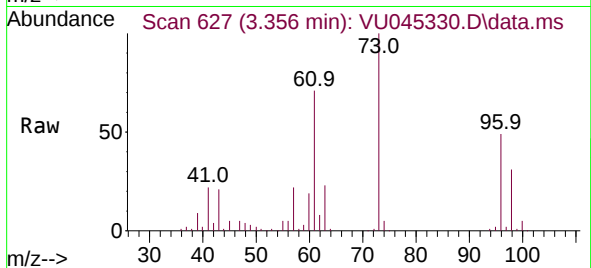


#17

trans-1,2-Dichloroethene
Concen: 47.274 ug/L
RT: 3.356 min Scan# 627
Delta R.T. -0.000 min
Lab File: VU045330.D
Acq: 19 Oct 2021 15:00

Instrument :
MSVOA_U
ClientSampleId :

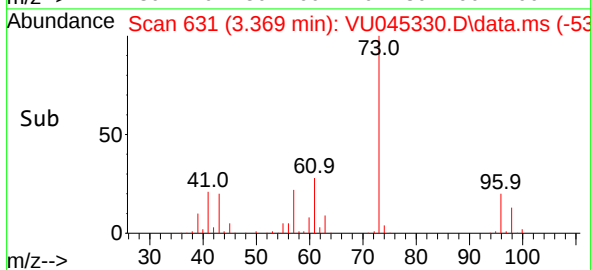
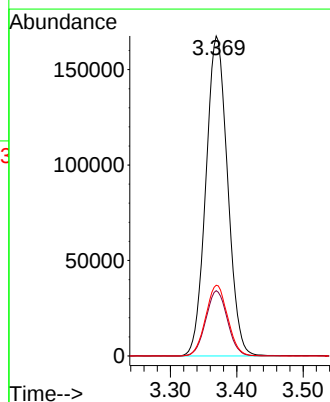
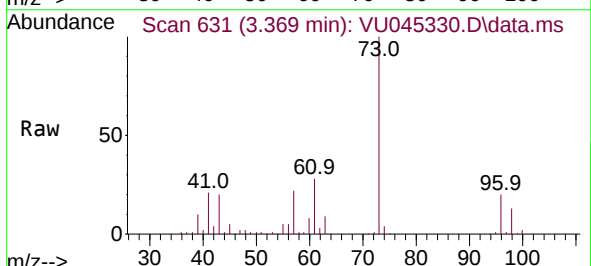
Tgt Ion: 96 Resp: 106280
Ion Ratio Lower Upper
96 100
61 144.5 104.7 194.4
98 63.8 45.8 85.2

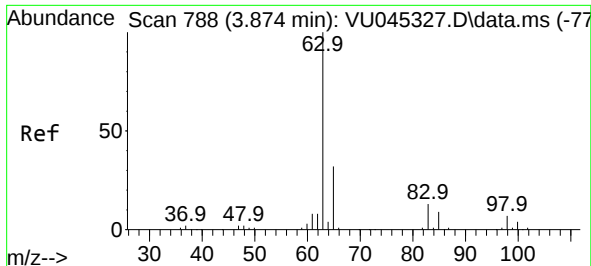


#18

Methyl tert-butyl Ether
Concen: 48.576 ug/L
RT: 3.369 min Scan# 631
Delta R.T. -0.000 min
Lab File: VU045330.D
Acq: 19 Oct 2021 15:00

Tgt Ion: 73 Resp: 380830
Ion Ratio Lower Upper
73 100
43 20.4 16.2 24.4
57 22.3 17.9 26.9





#19

1,1-Dichloroethane

Concen: 46.525 ug/L

RT: 3.874 min Scan# 788

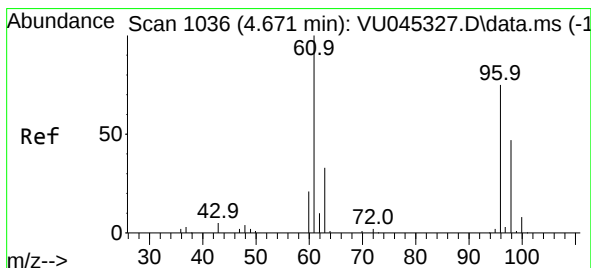
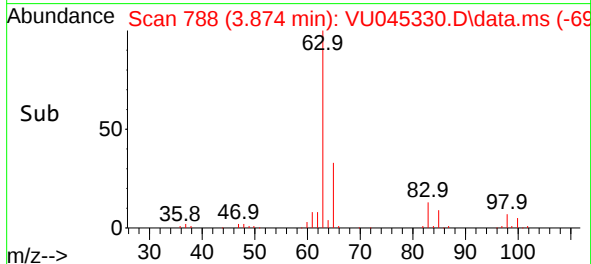
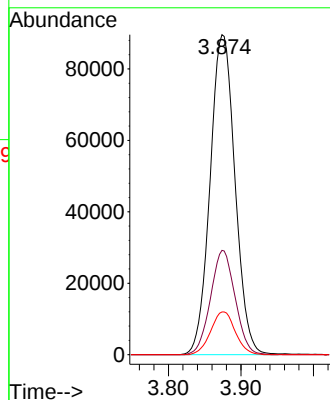
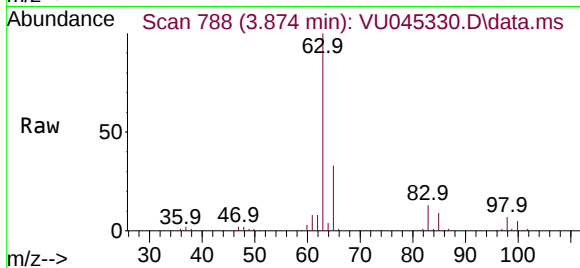
Delta R.T. -0.000 min

Lab File: VU045330.D

Acq: 19 Oct 2021 15:00

Tgt Ion: 63 Resp: 214035

Ion	Ratio	Lower	Upper
63	100		
65	32.6	22.5	41.9
83	13.4	8.9	16.5



#20

cis-1,2-Dichloroethene

Concen: 48.012 ug/L

RT: 4.671 min Scan# 1036

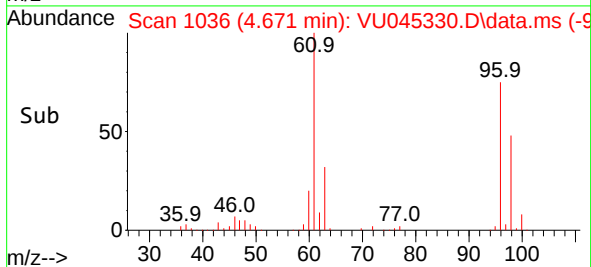
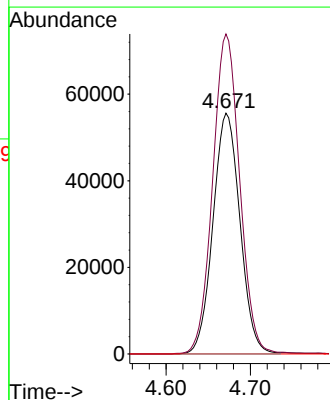
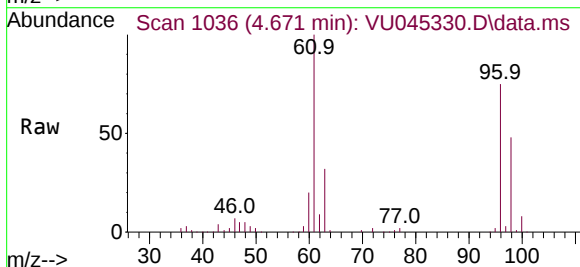
Delta R.T. -0.000 min

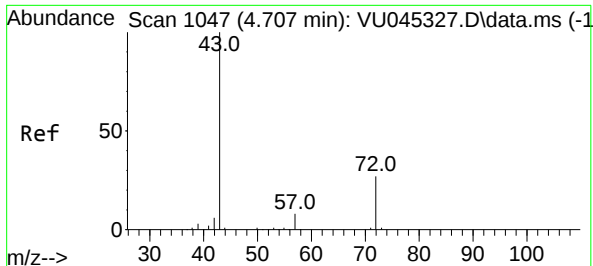
Lab File: VU045330.D

Acq: 19 Oct 2021 15:00

Tgt Ion: 96 Resp: 123649

Ion	Ratio	Lower	Upper
96	100		
61	132.9	94.2	175.0
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 79.906 ug/L

RT: 4.706 min Scan# 1047

Delta R.T. -0.000 min

Lab File: VU045330.D

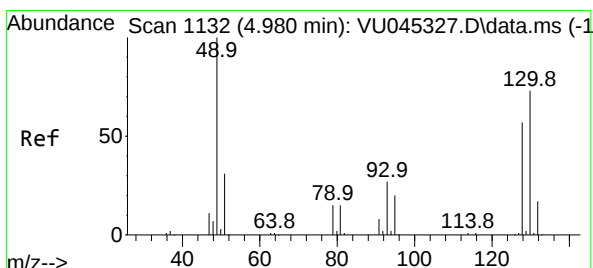
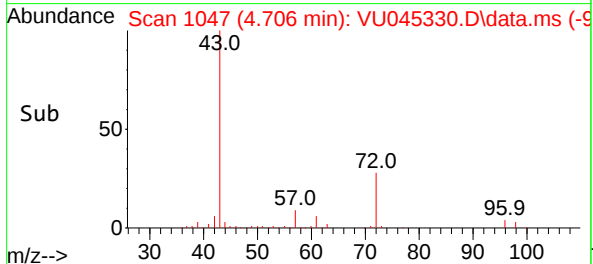
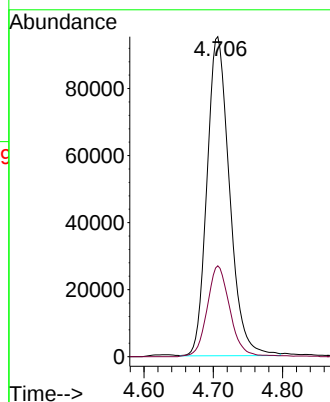
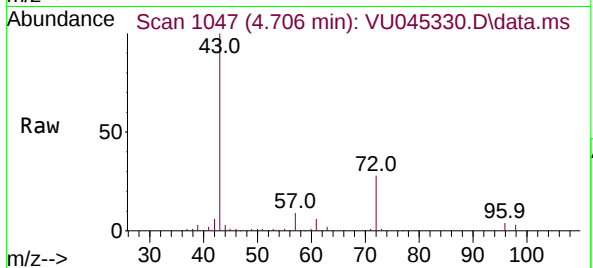
Acq: 19 Oct 2021 15:00

Tgt Ion: 43 Resp: 214994

Ion Ratio Lower Upper

43 100

72 28.5 14.1 42.2



#23

Bromochloromethane

Concen: 47.098 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VU045330.D

Acq: 19 Oct 2021 15:00

Tgt Ion: 128 Resp: 59735

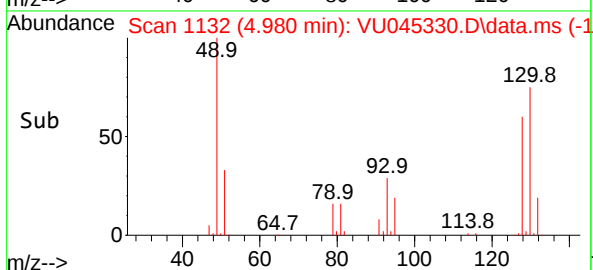
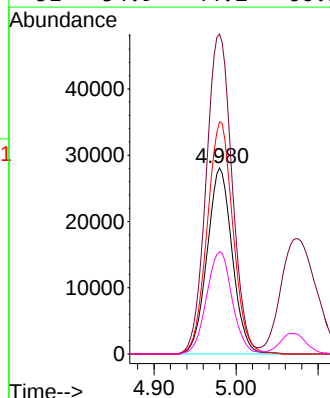
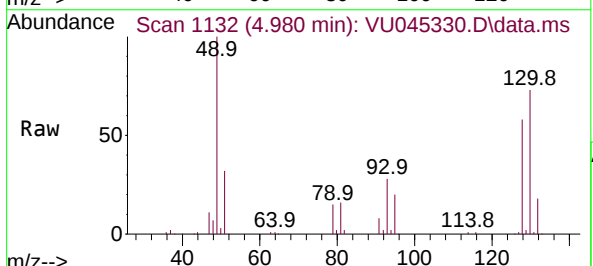
Ion Ratio Lower Upper

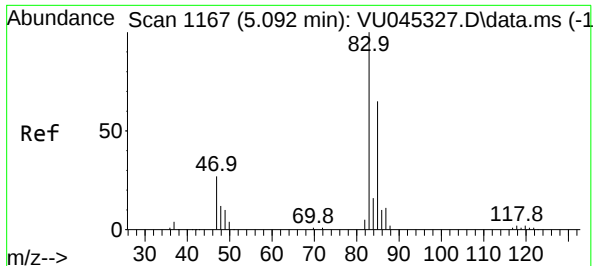
128 100

49 171.9 123.8 229.8

130 124.8 89.8 166.8

51 54.9 44.2 66.2



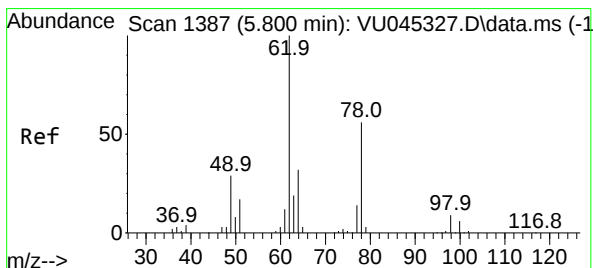
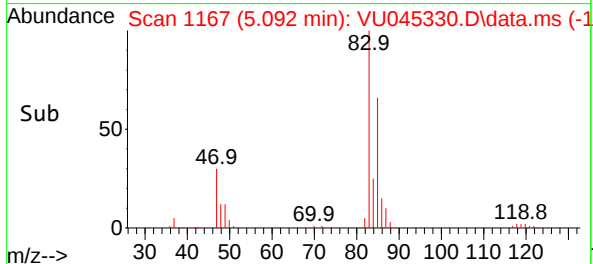
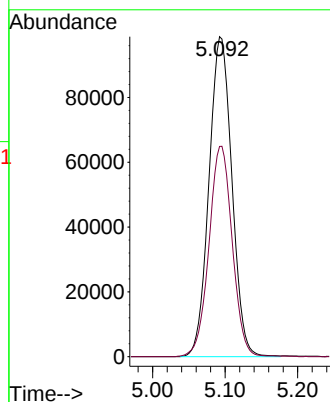
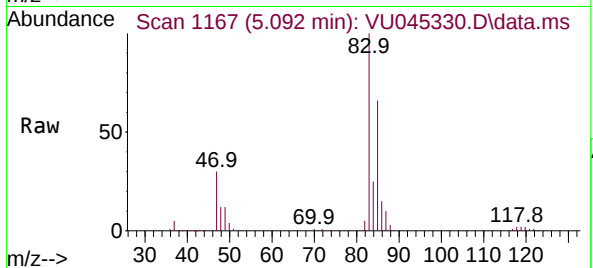


#25

Chloroform
Concen: 46.270 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VU045330.D
Acq: 19 Oct 2021 15:00

Instrument :
MSVOA_U
ClientSampled :

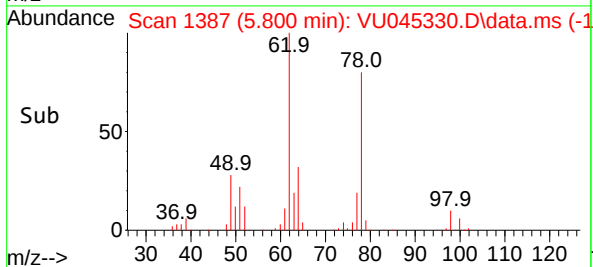
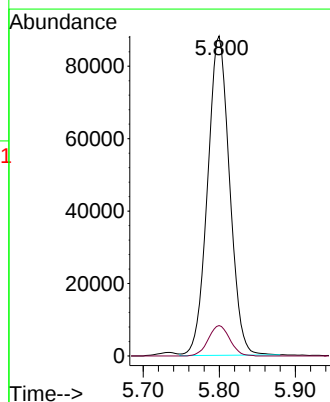
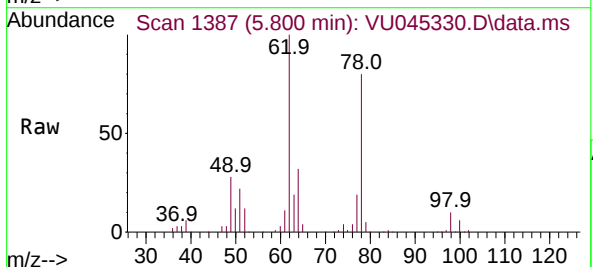
Tgt Ion: 83 Resp: 216680
Ion Ratio Lower Upper
83 100
85 65.7 45.4 84.2

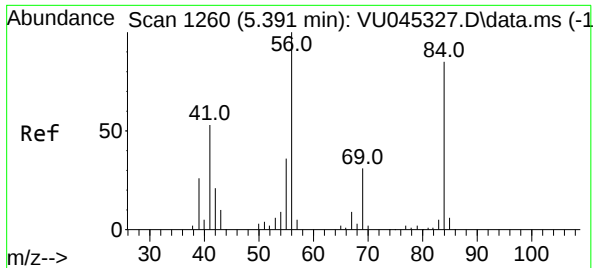


#27

1,2-Dichloroethane
Concen: 47.377 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VU045330.D
Acq: 19 Oct 2021 15:00

Tgt Ion: 62 Resp: 177202
Ion Ratio Lower Upper
62 100
98 9.5 7.4 11.2





#29

Cyclohexane

Concen: 50.479 ug/L

RT: 5.394 min Scan# 1261

Delta R.T. 0.003 min

Lab File: VU045330.D

Acq: 19 Oct 2021 15:00

Tgt Ion: 56 Resp: 186302

Ion Ratio Lower Upper

56 100

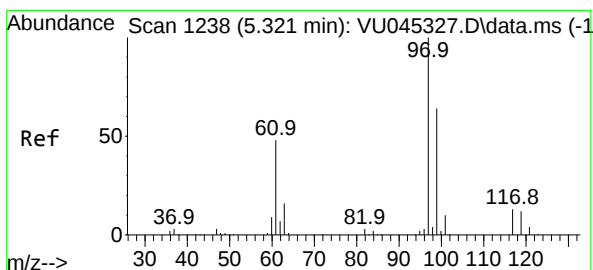
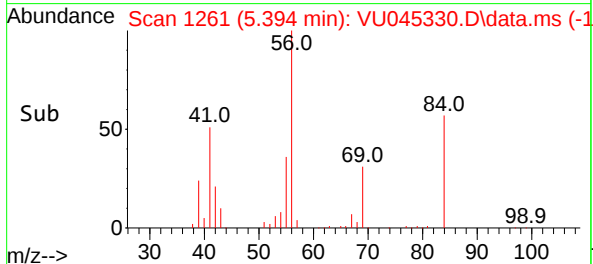
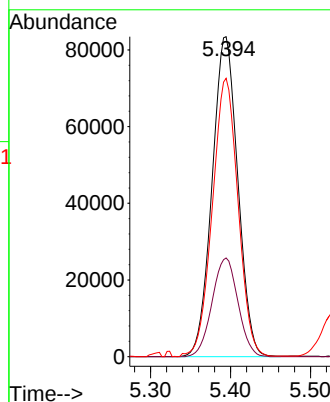
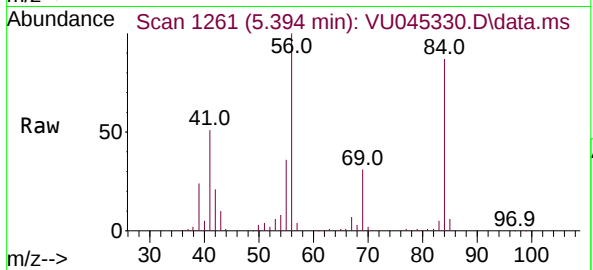
69 31.0 24.8 37.2

84 86.3 70.3 105.5

Instrument :

MSVOA_U

ClientSampleId :



#30

1,1,1-Trichloroethane

Concen: 48.640 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU045330.D

Acq: 19 Oct 2021 15:00

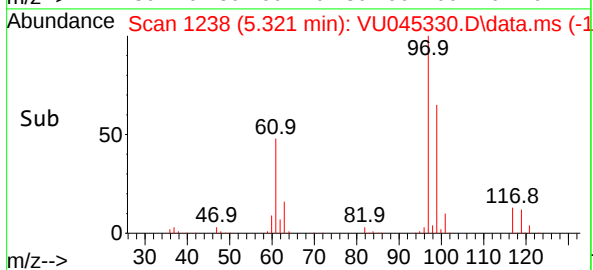
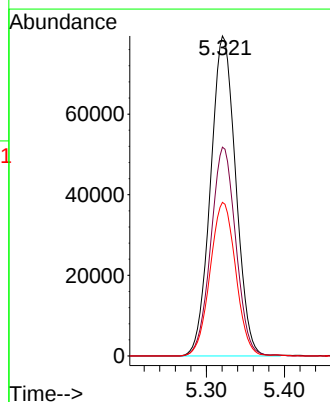
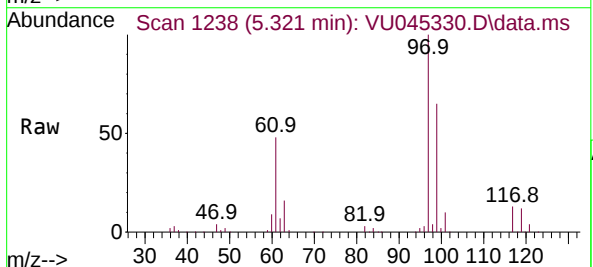
Tgt Ion: 97 Resp: 178374

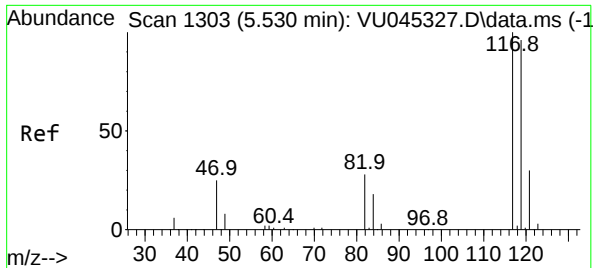
Ion Ratio Lower Upper

97 100

99 64.7 51.5 77.3

61 48.8 39.2 58.8

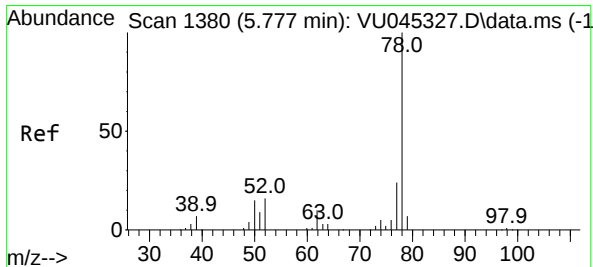
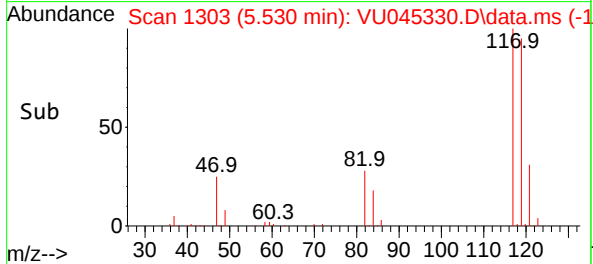
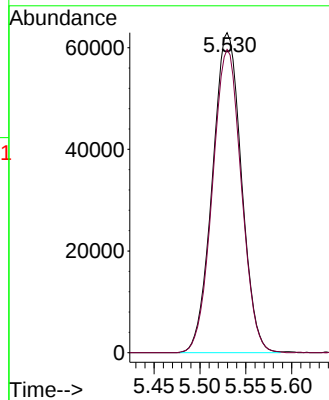
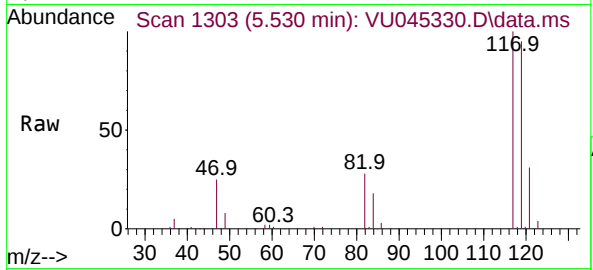




#31
Carbon tetrachloride
Concen: 48.833 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VU045330.D
Acq: 19 Oct 2021 15:00

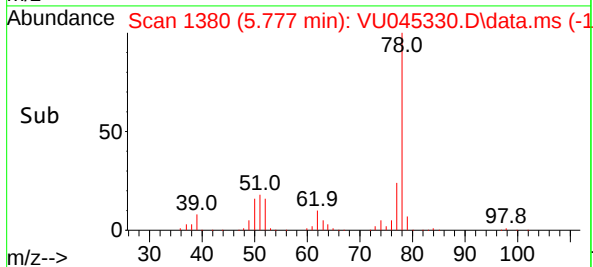
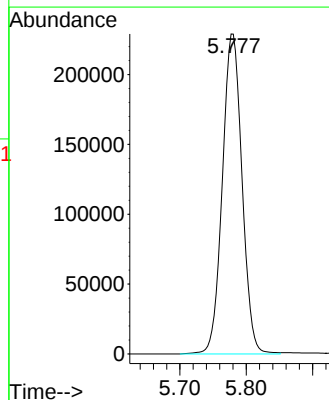
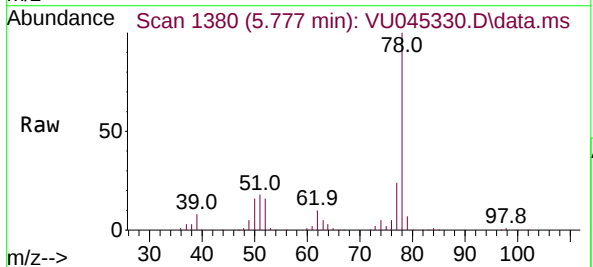
Instrument :
MSVOA_U
ClientSampled :

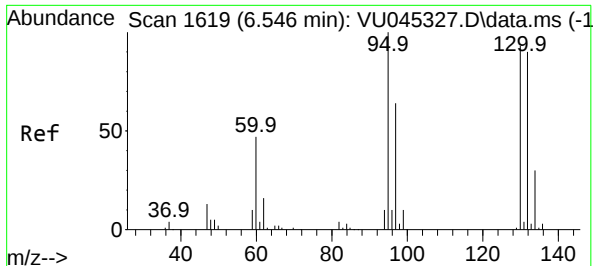
Tgt Ion:117 Resp: 138286
Ion Ratio Lower Upper
117 100
119 94.5 76.7 115.1



#33
Benzene
Concen: 48.766 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU045330.D
Acq: 19 Oct 2021 15:00

Tgt Ion: 78 Resp: 471870



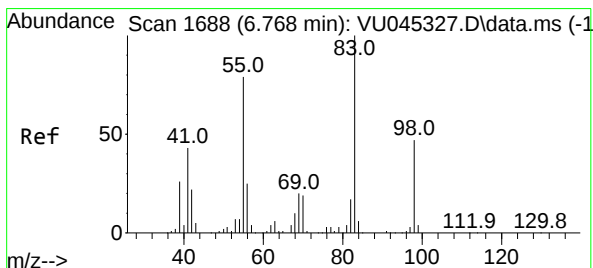
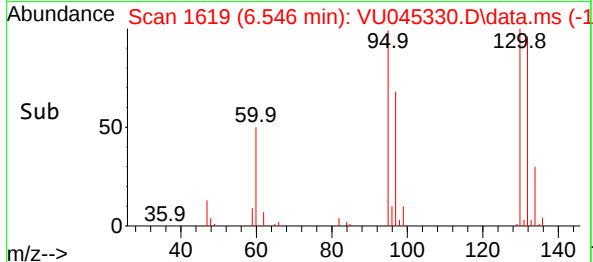
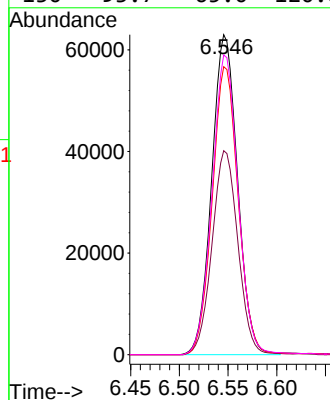
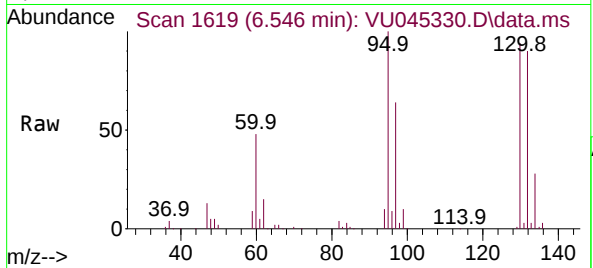


#34
Trichloroethene
Concen: 48.781 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045330.D
Acq: 19 Oct 2021 15:00

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 95 Resp: 116391

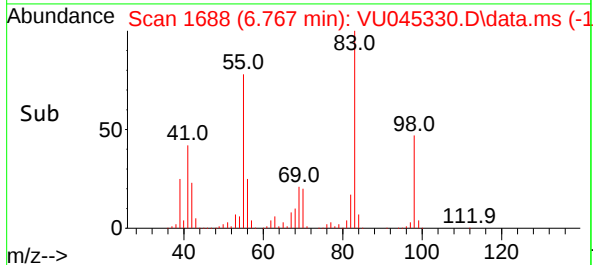
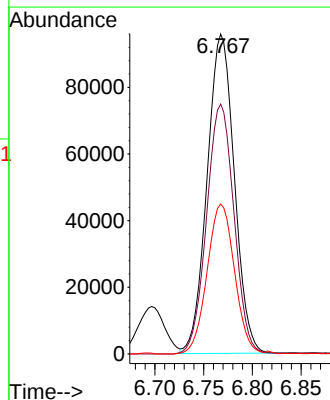
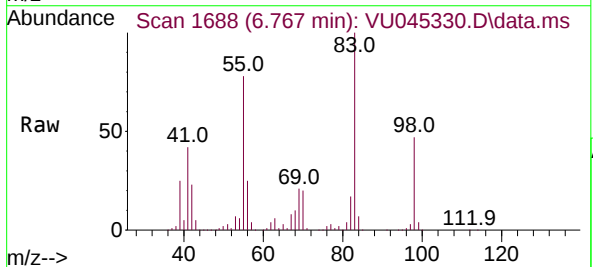
Ion	Ratio	Lower	Upper
95	100		
97	63.8	44.9	83.3
132	90.0	63.0	117.0
130	93.7	65.0	120.8

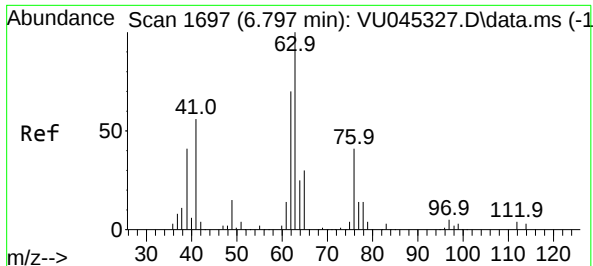


#35
Methylcyclohexane
Concen: 49.687 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU045330.D
Acq: 19 Oct 2021 15:00

Tgt Ion: 83 Resp: 186219

Ion	Ratio	Lower	Upper
83	100		
55	78.9	63.4	95.0
98	47.3	37.9	56.9

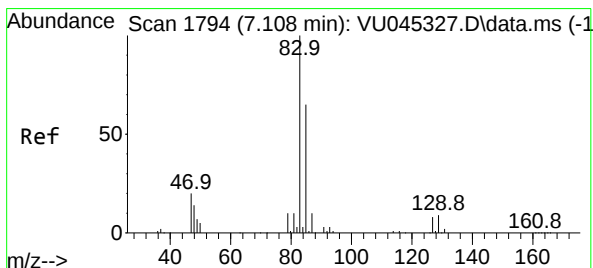
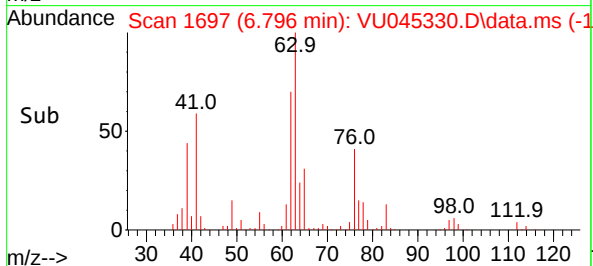
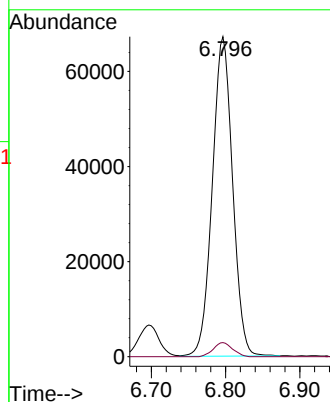
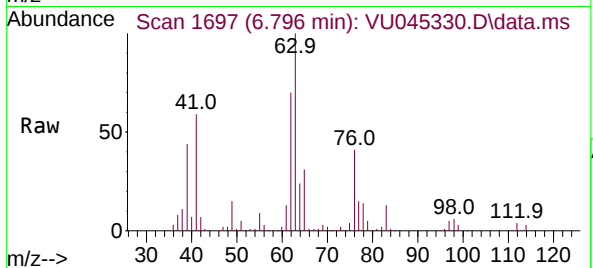




#37
1,2-Dichloropropane
Concen: 48.425 ug/L
RT: 6.796 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VU045330.D
Acq: 19 Oct 2021 15:00

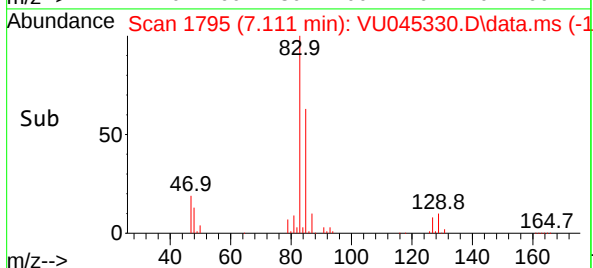
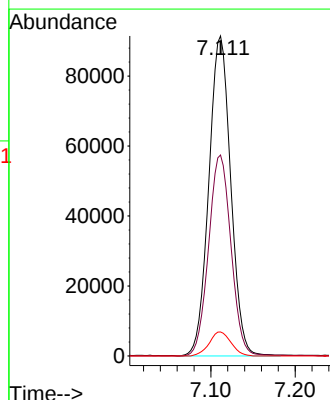
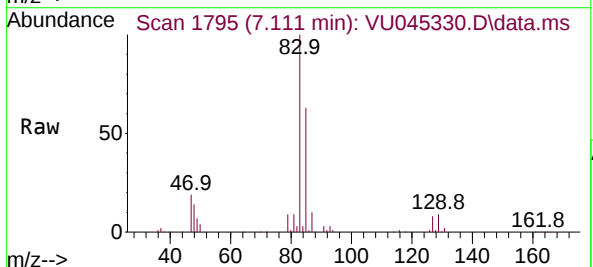
Instrument :
MSVOA_U
ClientSampleId :

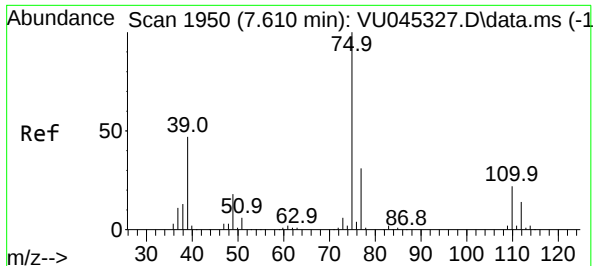
Tgt Ion: 63 Resp: 127441
Ion Ratio Lower Upper
63 100
112 4.2 3.3 4.9



#38
Bromodichloromethane
Concen: 48.571 ug/L
RT: 7.111 min Scan# 1795
Delta R.T. 0.003 min
Lab File: VU045330.D
Acq: 19 Oct 2021 15:00

Tgt Ion: 83 Resp: 165334
Ion Ratio Lower Upper
83 100
85 62.8 45.5 84.5
127 7.5 6.3 9.5



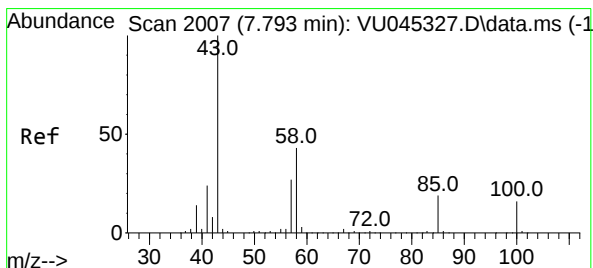
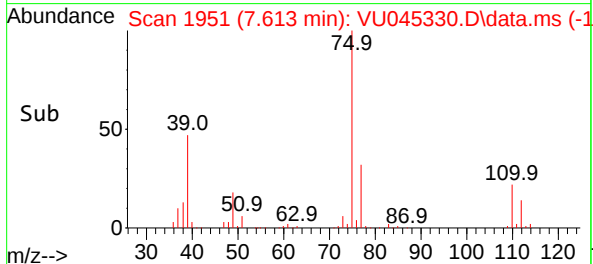
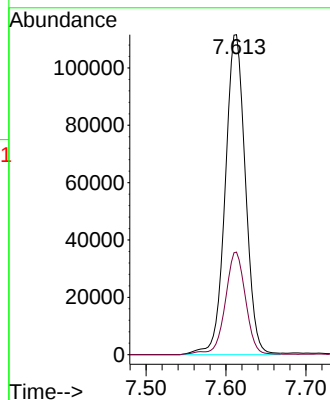
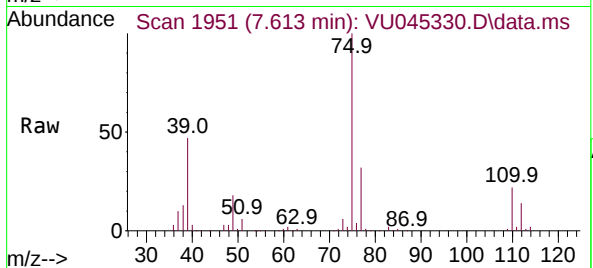


#39

cis-1,3-Dichloropropene
Concen: 49.681 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. 0.003 min
Lab File: VU045330.D
Acq: 19 Oct 2021 15:00

Instrument :
MSVOA_U
ClientSampled :

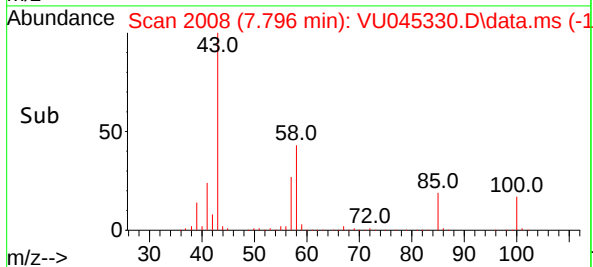
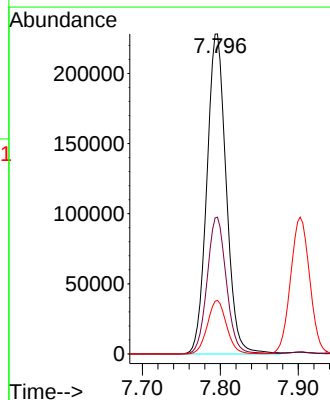
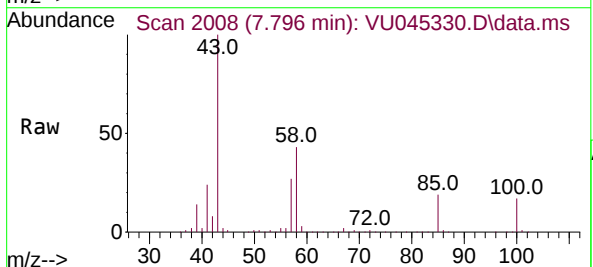
Tgt Ion: 75 Resp: 195747
Ion Ratio Lower Upper
75 100
77 32.0 21.6 40.0

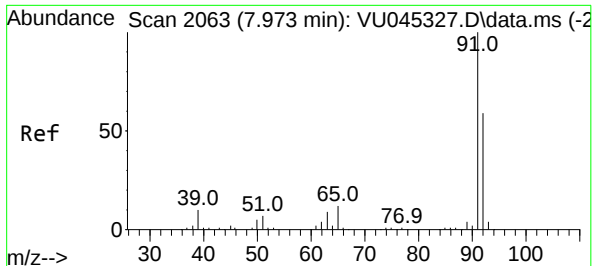


#40

4-Methyl-2-pentanone
Concen: 98.356 ug/L
RT: 7.796 min Scan# 2008
Delta R.T. 0.003 min
Lab File: VU045330.D
Acq: 19 Oct 2021 15:00

Tgt Ion: 43 Resp: 394765
Ion Ratio Lower Upper
43 100
58 42.6 33.7 50.5
100 16.6 13.0 19.4





#42

Toluene

Concen: 49.748 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VU045330.D

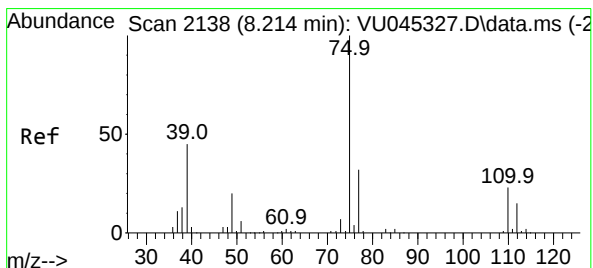
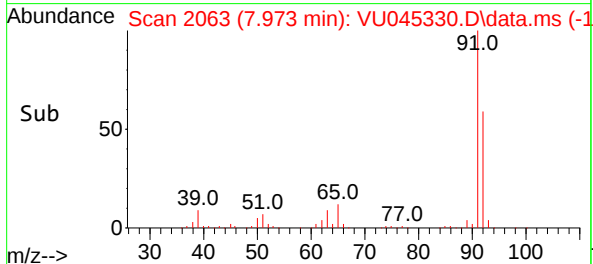
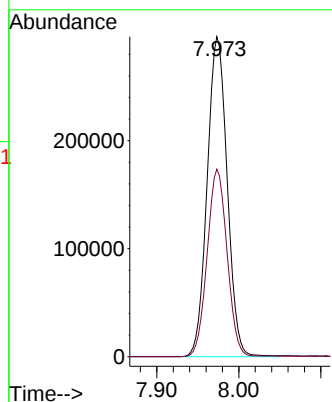
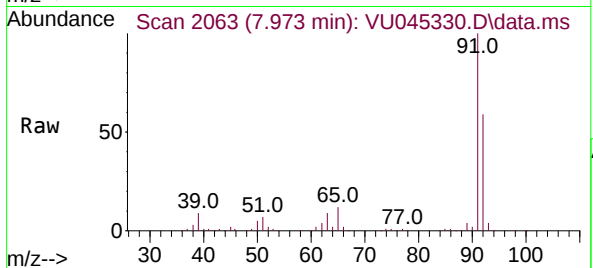
Acq: 19 Oct 2021 15:00

Tgt Ion: 91 Resp: 502172

Ion Ratio Lower Upper

91 100

92 58.6 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 50.223 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. -0.000 min

Lab File: VU045330.D

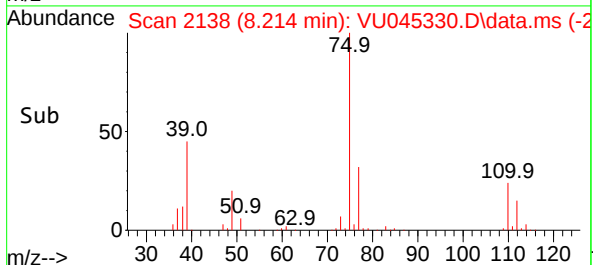
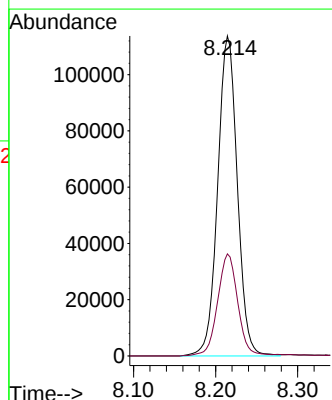
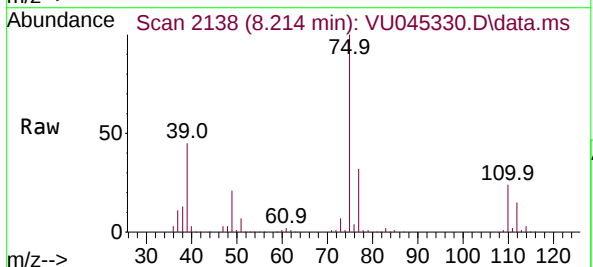
Acq: 19 Oct 2021 15:00

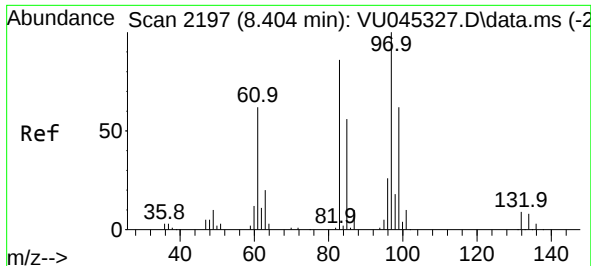
Tgt Ion: 75 Resp: 189211

Ion Ratio Lower Upper

75 100

77 31.9 22.5 41.9

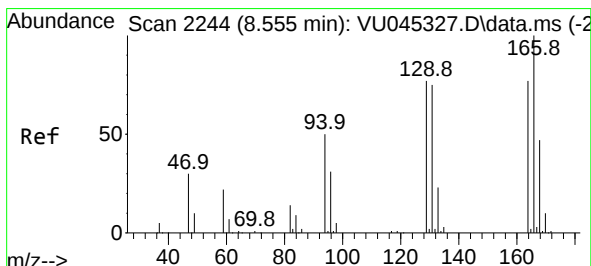
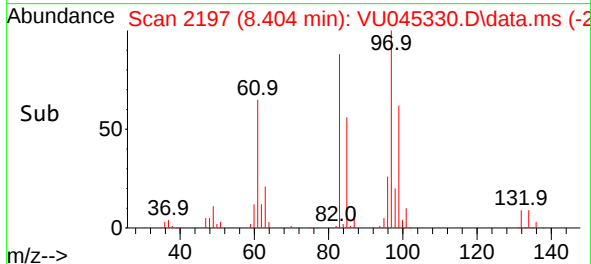
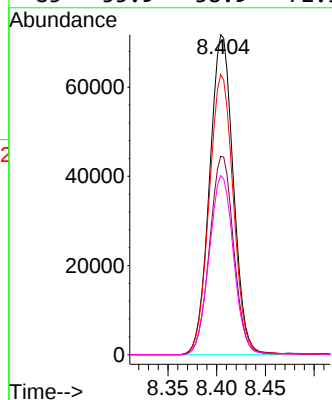
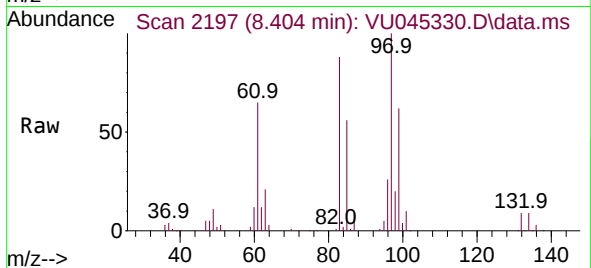




#45
1,1,2-Trichloroethane
Concen: 48.254 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU045330.D
Acq: 19 Oct 2021 15:00

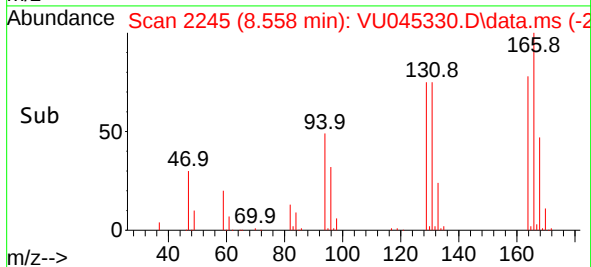
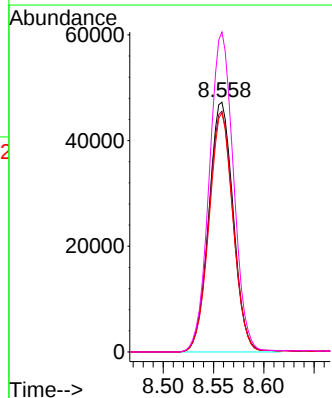
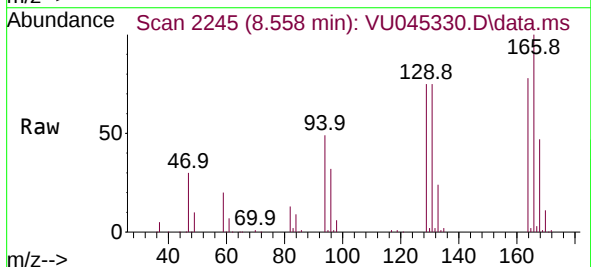
Instrument :
MSVOA_U
ClientSampled :

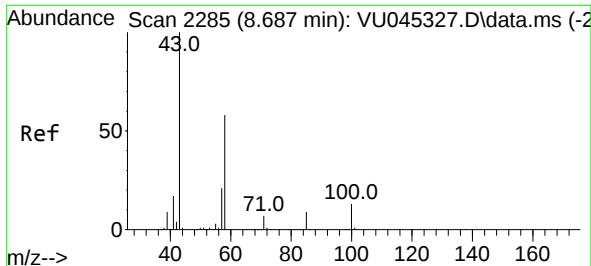
Tgt Ion:	97	Resp:	121711
Ion	Ratio	Lower	Upper
97	100		
99	62.0	43.0	80.0
83	87.6	60.1	111.5
85	55.9	38.9	72.3



#46
Tetrachloroethene
Concen: 48.356 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU045330.D
Acq: 19 Oct 2021 15:00

Tgt Ion:	164	Resp:	79933
Ion	Ratio	Lower	Upper
164	100		
129	96.3	69.6	129.2
131	95.7	67.5	125.4
166	128.1	90.4	167.8

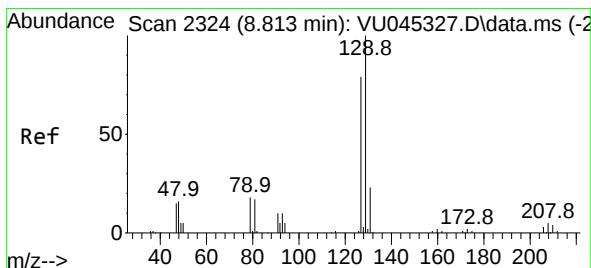
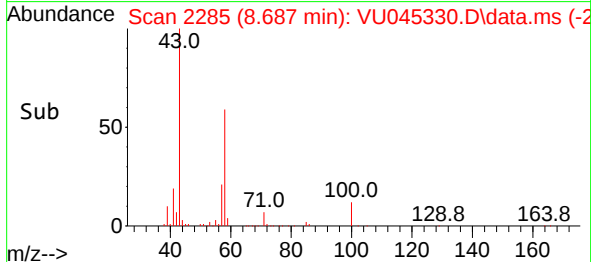
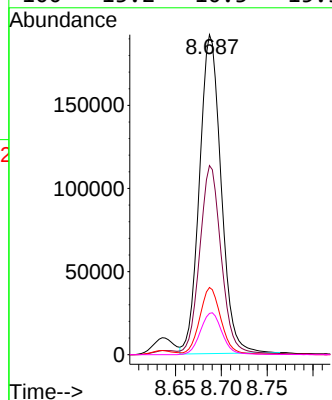
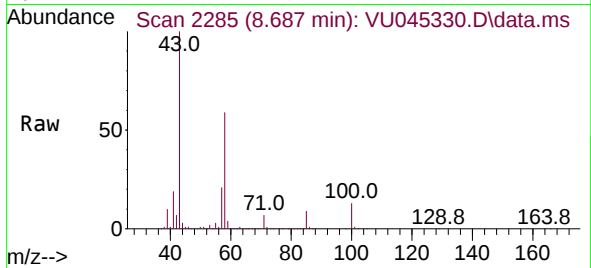




#48
2-Hexanone
Concen: 93.070 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. -0.000 min
Lab File: VU045330.D
Acq: 19 Oct 2021 15:00

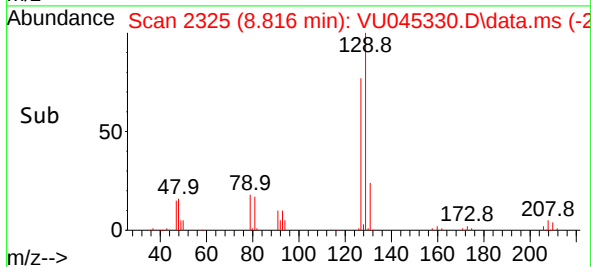
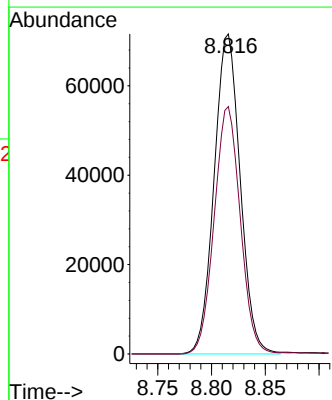
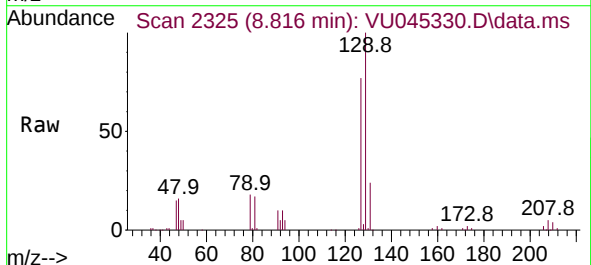
Instrument :
MSVOA_U
ClientSampleId :

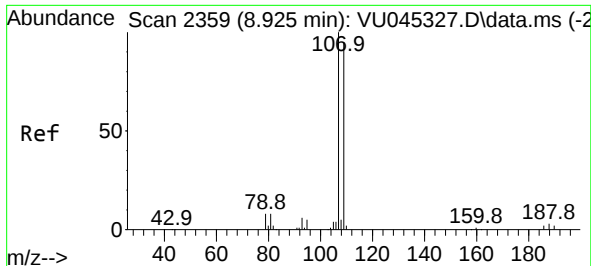
Tgt Ion: 43	Resp: 315356
Ion Ratio	Lower Upper
43 100	
58 59.3	45.4 68.0
57 21.0	16.0 24.0
100 13.2	10.3 15.5



#49
Dibromochloromethane
Concen: 49.169 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.003 min
Lab File: VU045330.D
Acq: 19 Oct 2021 15:00

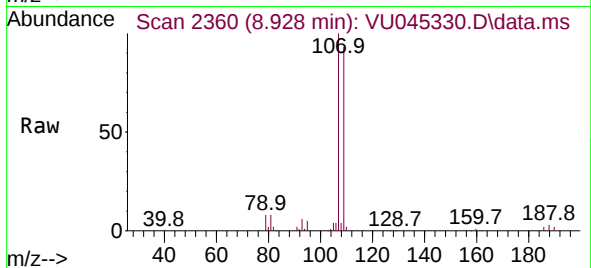
Tgt	Ion:129	Resp:	120797
Ion	Ratio	Lower	Upper
129	100		
127	77.3	55.3	102.7



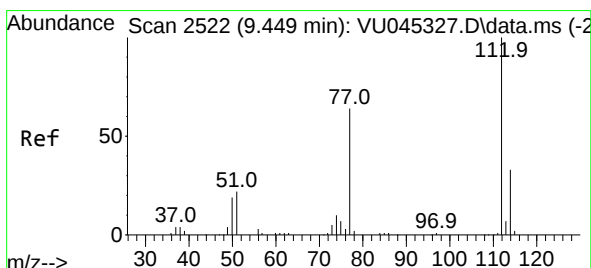
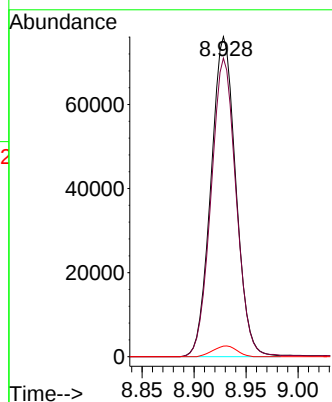
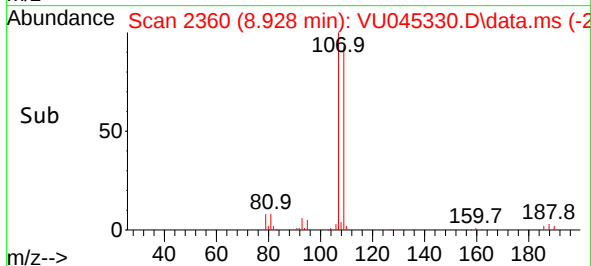


#50
1,2-Dibromoethane
Concen: 48.819 ug/L
RT: 8.928 min Scan# 2360
Delta R.T. 0.003 min
Lab File: VU045330.D
Acq: 19 Oct 2021 15:00

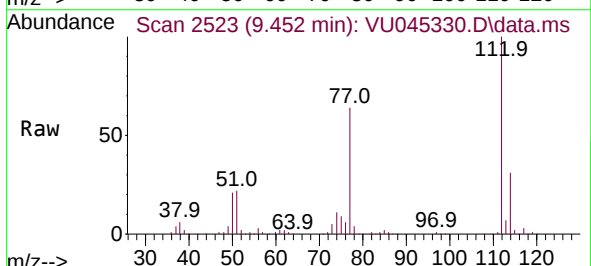
Instrument :
MSVOA_U
ClientSampleId :



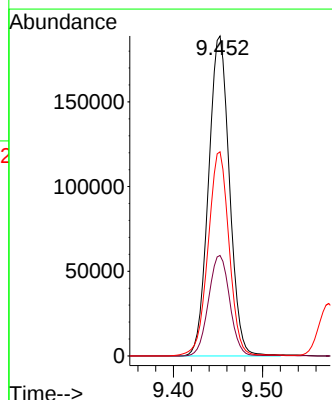
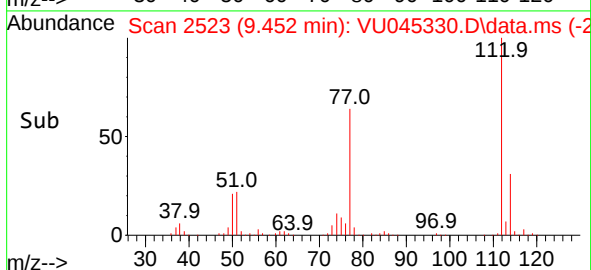
Tgt Ion:107 Resp: 126783
Ion Ratio Lower Upper
107 100
109 93.3 66.6 123.6
188 3.3 2.6 4.0

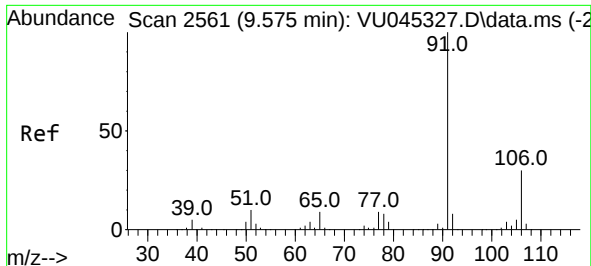


#51
Chlorobenzene
Concen: 48.215 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. 0.003 min
Lab File: VU045330.D
Acq: 19 Oct 2021 15:00



Tgt Ion:112 Resp: 308256
Ion Ratio Lower Upper
112 100
114 31.4 22.8 42.4
77 63.8 51.3 76.9

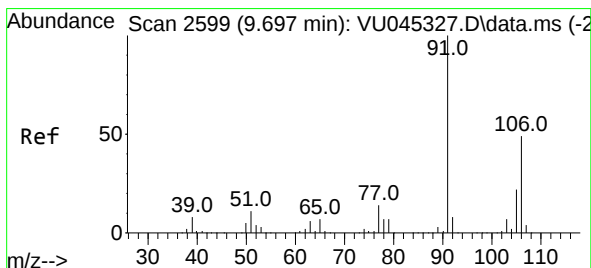
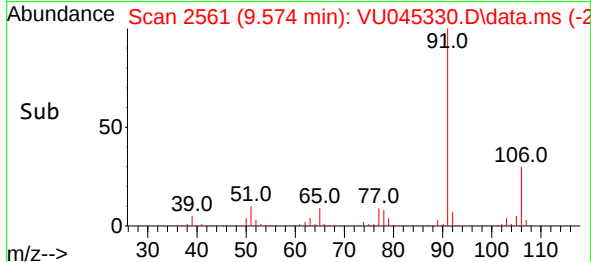
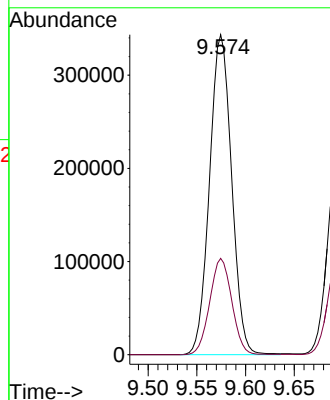
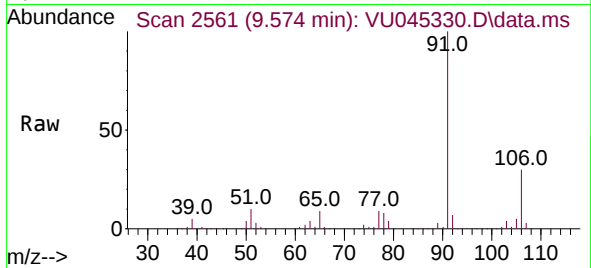




#52
Ethylbenzene
Concen: 49.503 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU045330.D
Acq: 19 Oct 2021 15:00

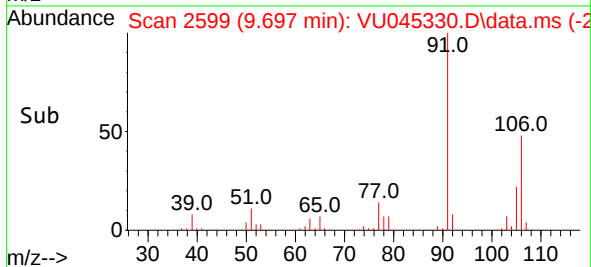
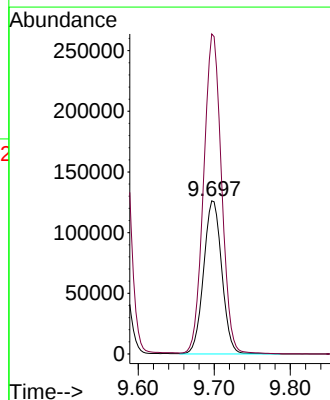
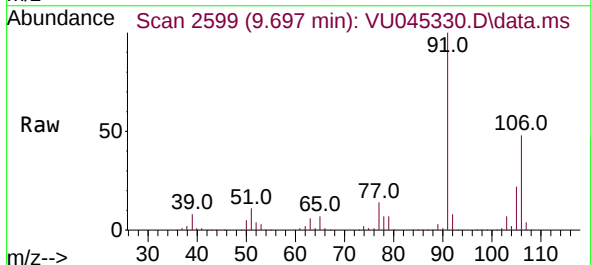
Instrument :
MSVOA_U
ClientSampled :

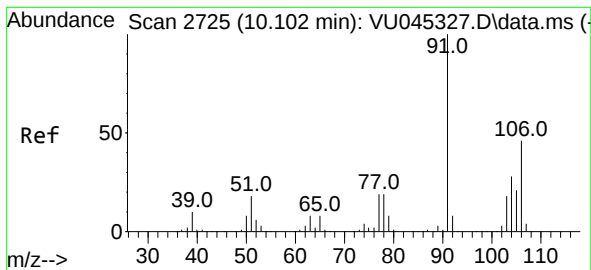
Tgt Ion: 91 Resp: 542274
Ion Ratio Lower Upper
91 100
106 30.1 21.1 39.3



#53
m,p-Xylene
Concen: 50.371 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU045330.D
Acq: 19 Oct 2021 15:00

Tgt Ion:106 Resp: 209622
Ion Ratio Lower Upper
106 100
91 208.9 144.4 268.2

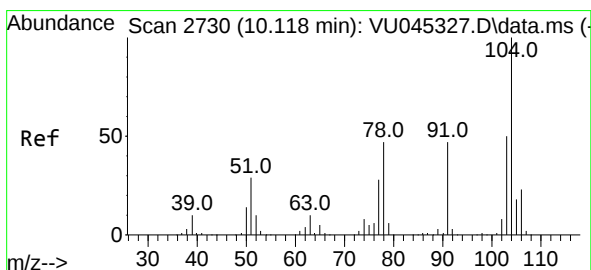
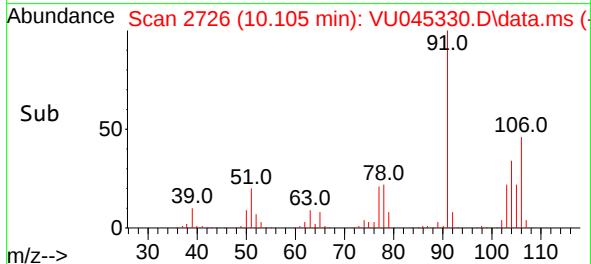
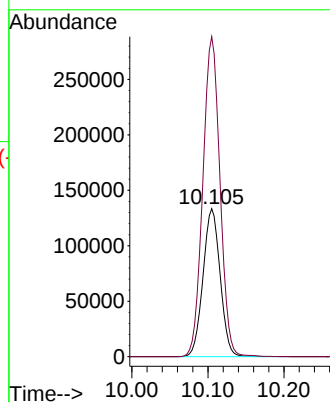
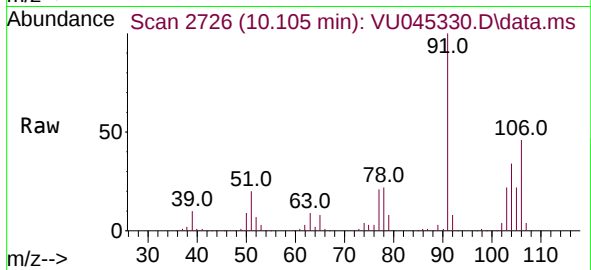




#54
o-xylene
Concen: 50.012 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.003 min
Lab File: VU045330.D
Acq: 19 Oct 2021 15:00

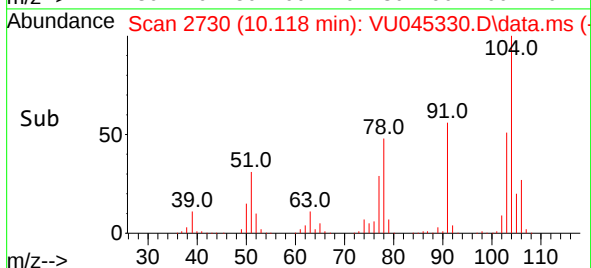
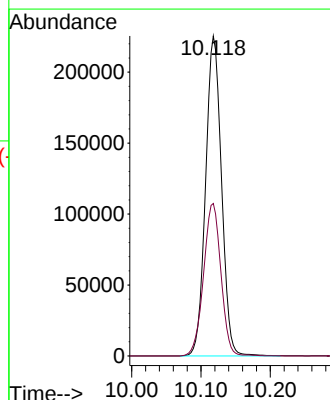
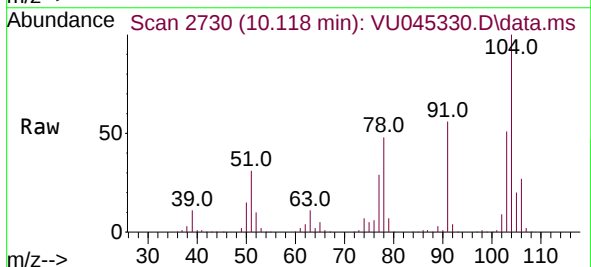
Instrument :
MSVOA_U
ClientSampled :

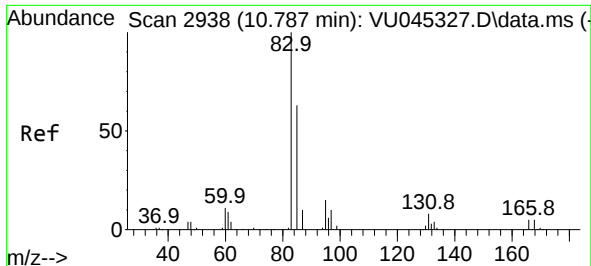
Tgt Ion:106 Resp: 208825
Ion Ratio Lower Upper
106 100
91 216.2 151.1 280.5



#55
Styrene
Concen: 50.759 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU045330.D
Acq: 19 Oct 2021 15:00

Tgt Ion:104 Resp: 358686
Ion Ratio Lower Upper
104 100
78 47.7 32.7 60.7

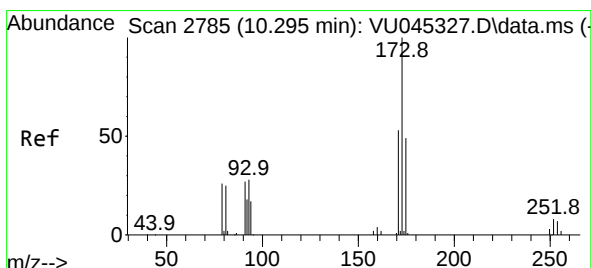
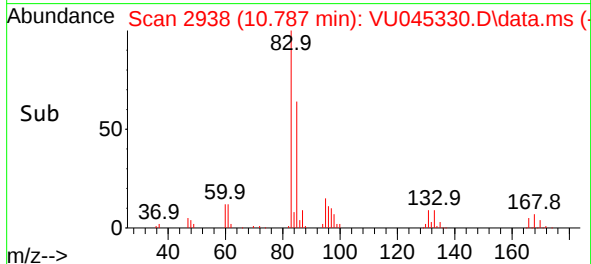
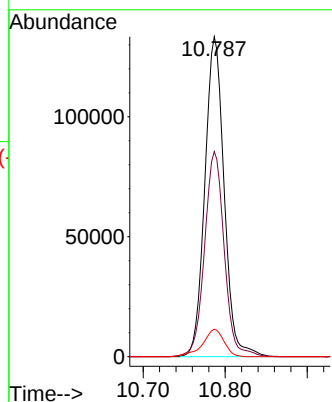
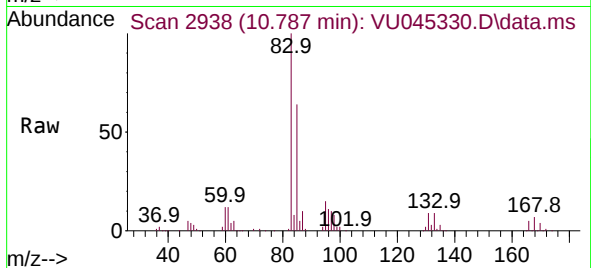




#57
1,1,2,2-Tetrachloroethane
Concen: 48.936 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU045330.D
Acq: 19 Oct 2021 15:00

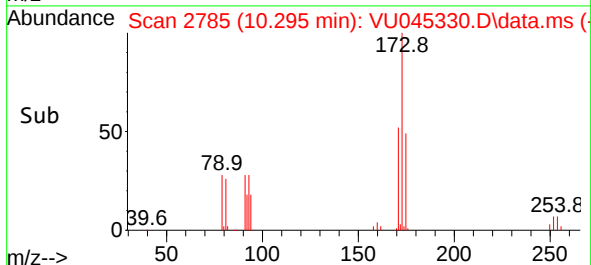
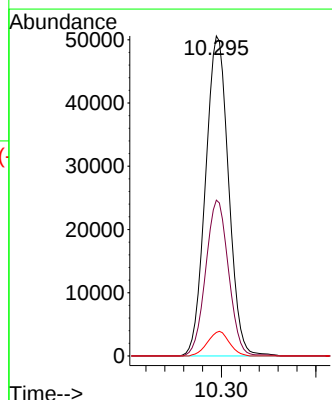
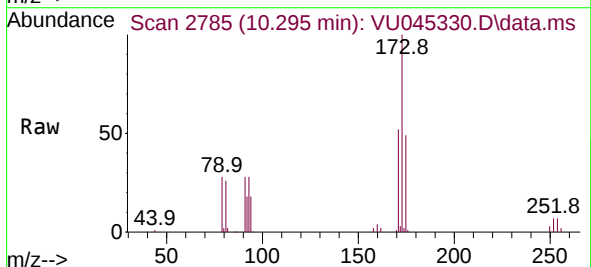
Instrument :
MSVOA_U
ClientSampled :

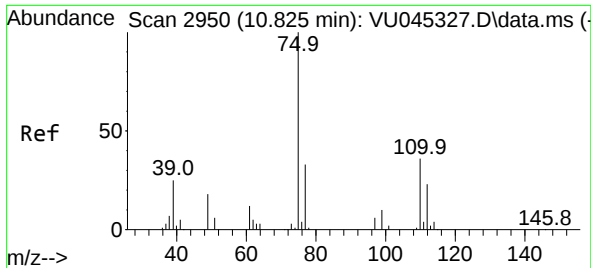
Tgt Ion: 83 Resp: 218062
Ion Ratio Lower Upper
83 100
85 64.1 44.4 82.5
131 8.6 6.8 10.2



#59
Bromoform
Concen: 51.270 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VU045330.D
Acq: 19 Oct 2021 15:00

Tgt Ion: 173 Resp: 85553
Ion Ratio Lower Upper
173 100
175 48.1 39.3 58.9
254 7.3 5.8 8.6

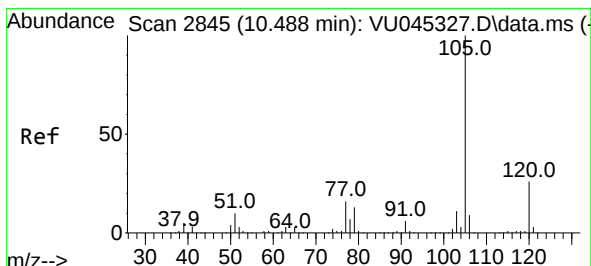
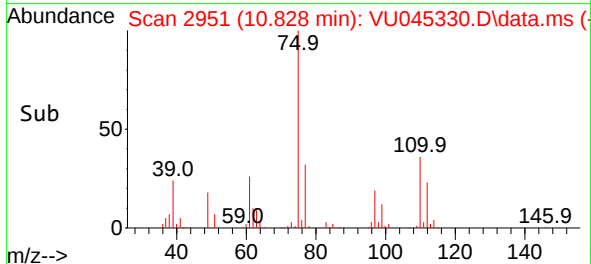
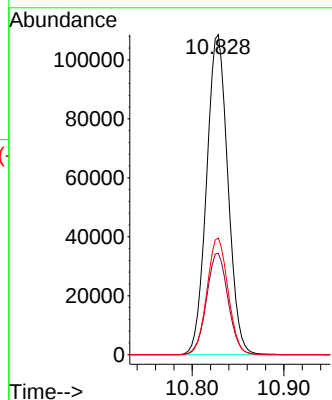
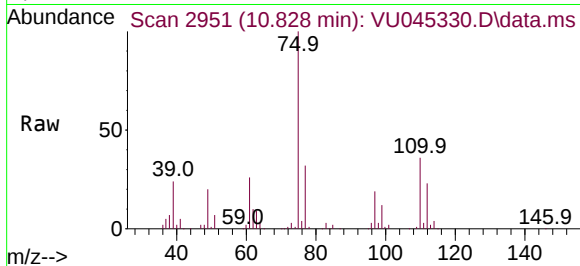




#60
1,2,3-Trichloropropane
Concen: 50.143 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU045330.D
Acq: 19 Oct 2021 15:00

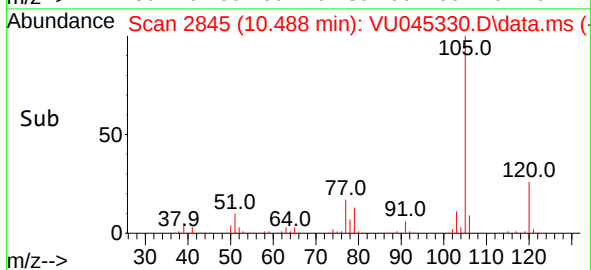
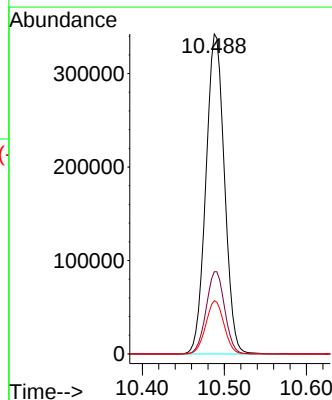
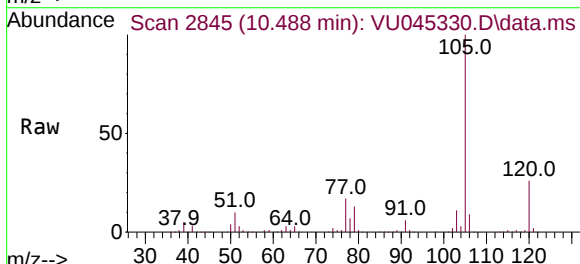
Instrument :
MSVOA_U
ClientSampled :

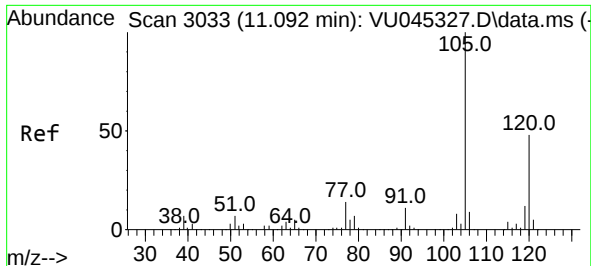
Tgt Ion: 75 Resp: 175261
Ion Ratio Lower Upper
75 100
77 32.1 26.0 39.0
110 36.0 28.8 43.2



#61
Isopropylbenzene
Concen: 51.614 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU045330.D
Acq: 19 Oct 2021 15:00

Tgt Ion:105 Resp: 536483
Ion Ratio Lower Upper
105 100
120 25.8 20.5 30.7
77 16.4 13.2 19.8

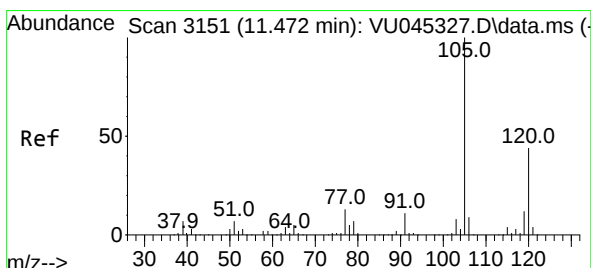
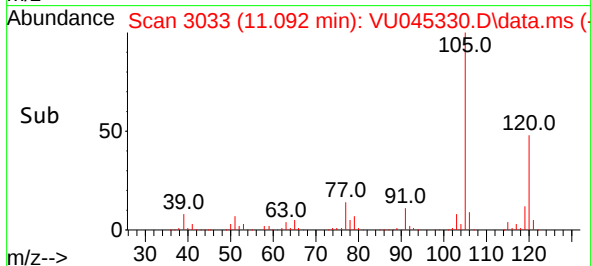
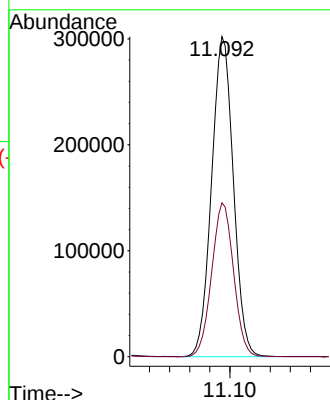
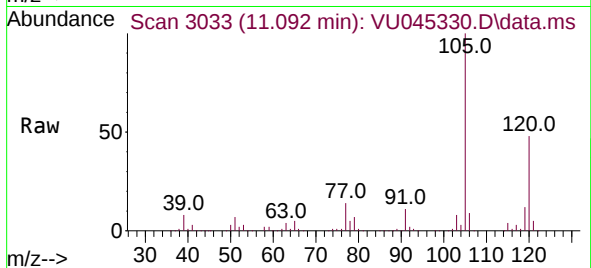




#62
1,3,5-Trimethylbenzene
Concen: 52.822 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU045330.D
Acq: 19 Oct 2021 15:00

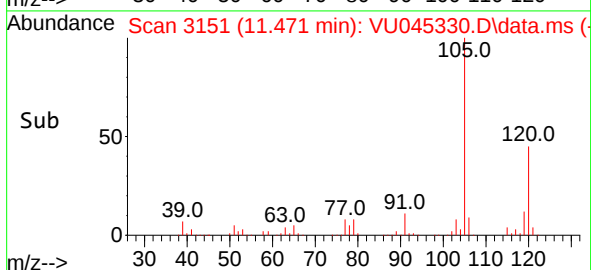
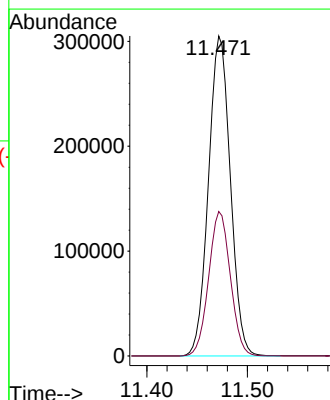
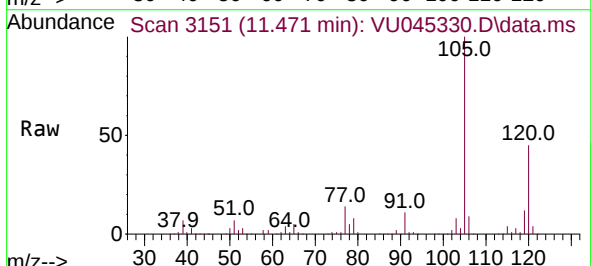
Instrument :
MSVOA_U
ClientSampleId :

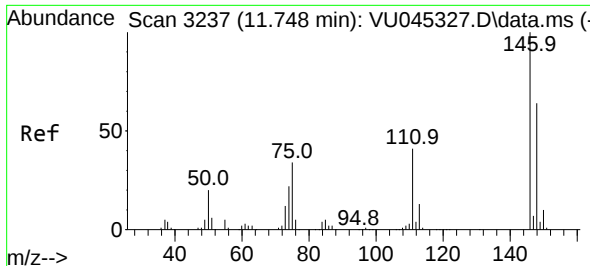
Tgt Ion:105 Resp: 454242
Ion Ratio Lower Upper
105 100
120 48.3 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 53.072 ug/L
RT: 11.471 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU045330.D
Acq: 19 Oct 2021 15:00

Tgt Ion:105 Resp: 462077
Ion Ratio Lower Upper
105 100
120 44.6 35.5 53.3

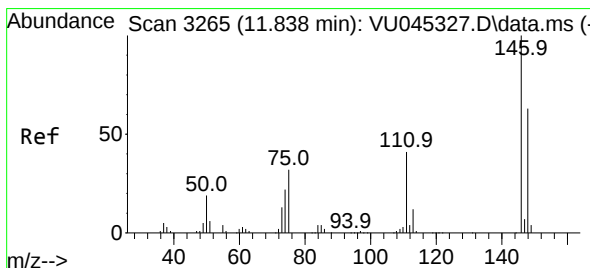
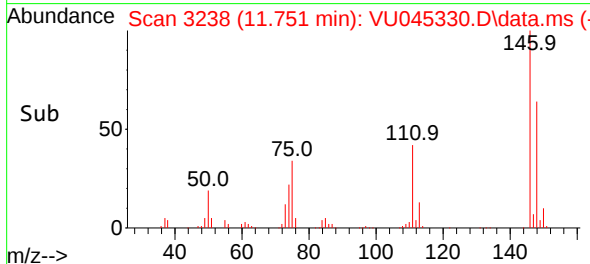
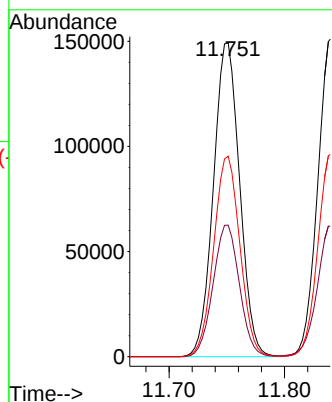
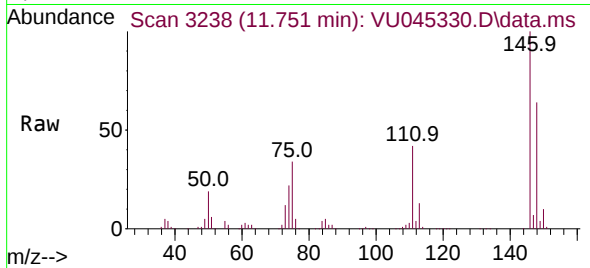




#64
1,3-Dichlorobenzene
Concen: 50.031 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.003 min
Lab File: VU045330.D
Acq: 19 Oct 2021 15:00

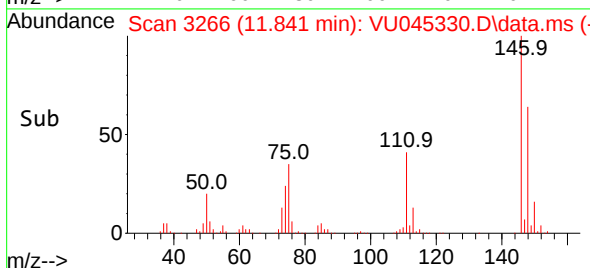
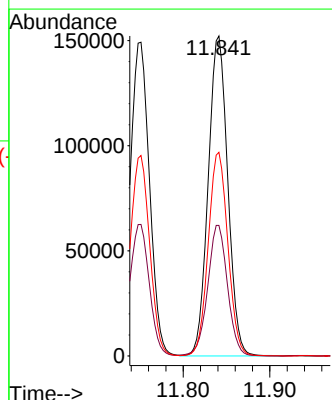
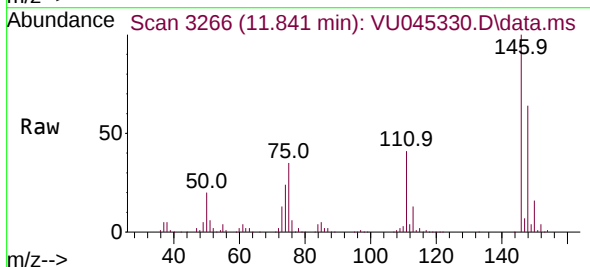
Instrument :
MSVOA_U
ClientSampled :

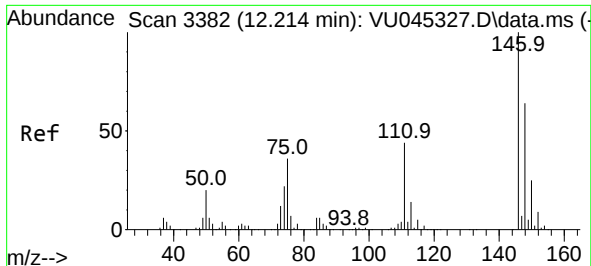
Tgt Ion:146 Resp: 235477
Ion Ratio Lower Upper
146 100
111 41.9 29.0 53.9
148 63.9 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 50.023 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.003 min
Lab File: VU045330.D
Acq: 19 Oct 2021 15:00

Tgt Ion:146 Resp: 238821
Ion Ratio Lower Upper
146 100
111 40.8 28.6 53.2
148 63.6 44.2 82.0

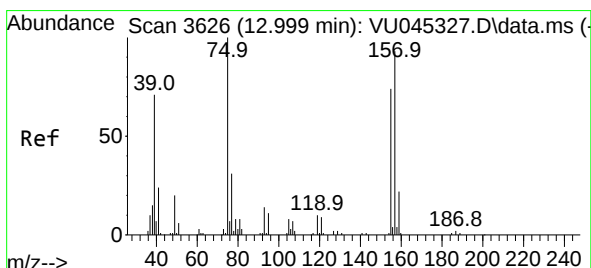
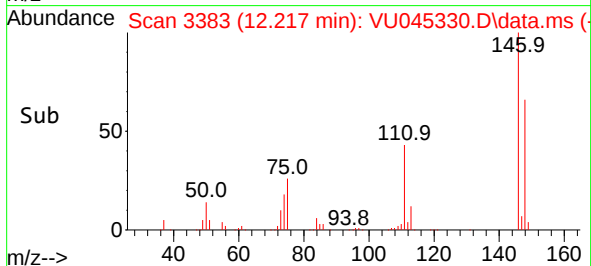
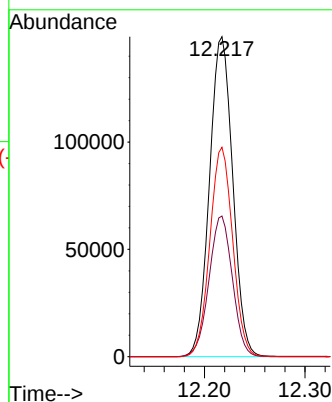
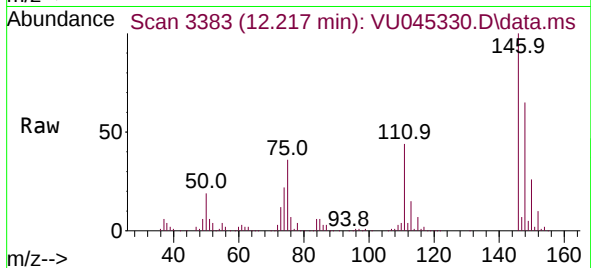




#67
1,2-Dichlorobenzene
Concen: 50.310 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. 0.003 min
Lab File: VU045330.D
Acq: 19 Oct 2021 15:00

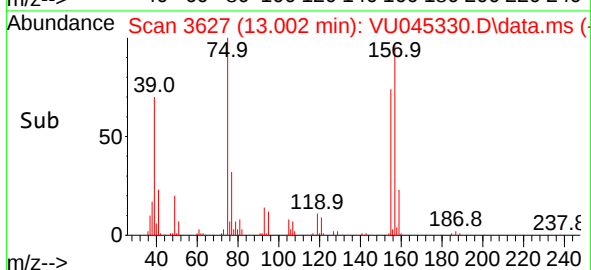
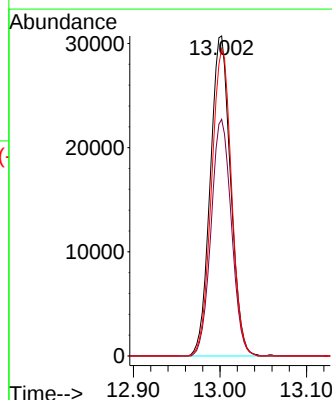
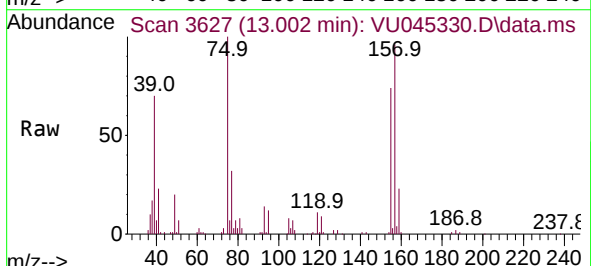
Instrument :
MSVOA_U
ClientSampled :

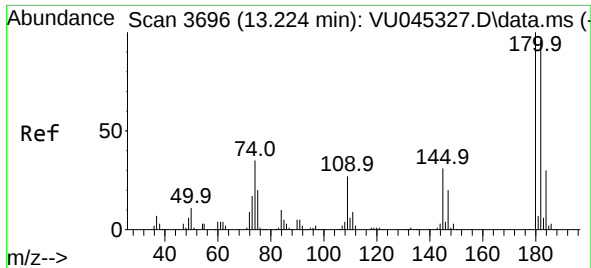
Tgt Ion:146 Resp: 239369
Ion Ratio Lower Upper
146 100
111 43.9 35.2 52.8
148 65.4 50.8 76.2



#68
1,2-Dibromo-3-chloropropane
Concen: 51.457 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. 0.003 min
Lab File: VU045330.D
Acq: 19 Oct 2021 15:00

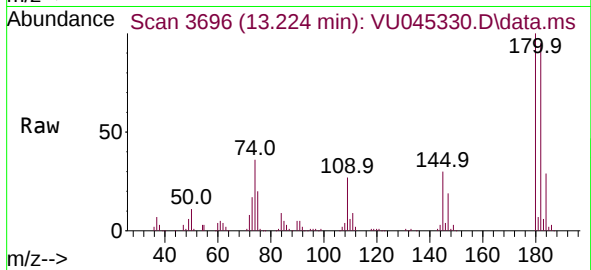
Tgt Ion: 75 Resp: 50083
Ion Ratio Lower Upper
75 100
155 77.3 61.9 92.9
157 99.9 74.1 111.1



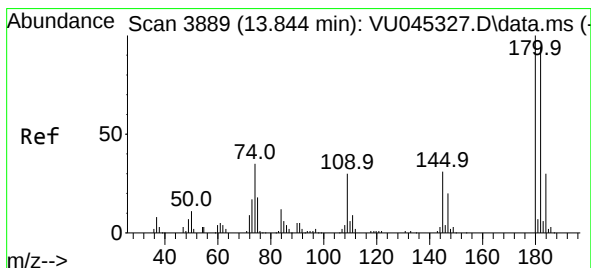
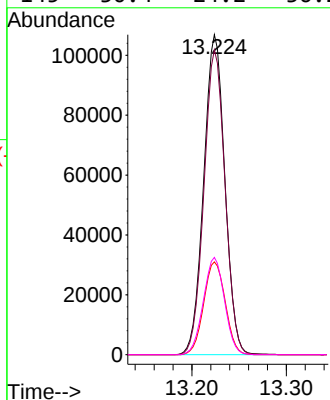
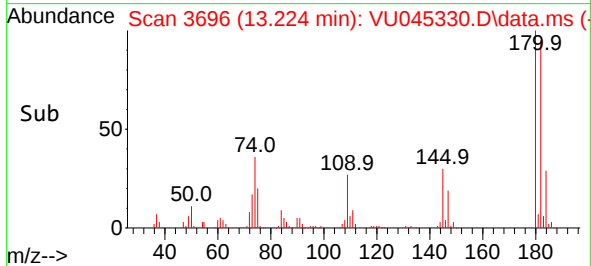


#69
 1,3,5-Trichlorobenzene
 Concen: 51.225 ug/L
 RT: 13.224 min Scan# 3696
 Delta R.T. -0.000 min
 Lab File: VU045330.D
 Acq: 19 Oct 2021 15:00

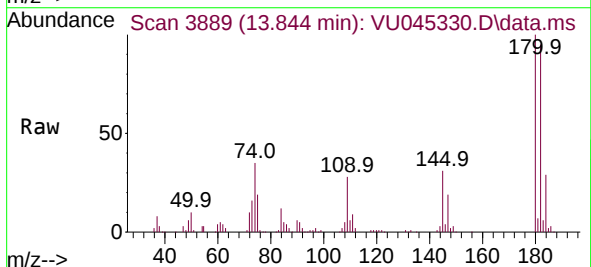
Instrument :
 MSVOA_U
 ClientSampleId :



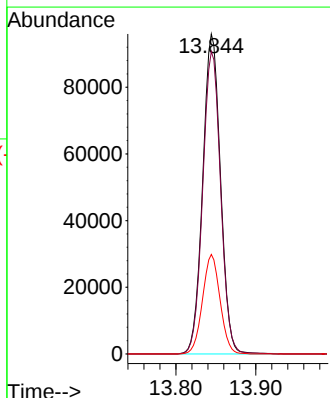
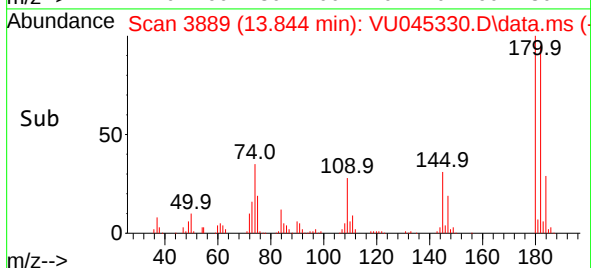
Tgt Ion:180 Resp: 165906
 Ion Ratio Lower Upper
 180 100
 182 94.9 76.0 114.0
 184 29.5 23.8 35.8
 145 30.4 24.2 36.2

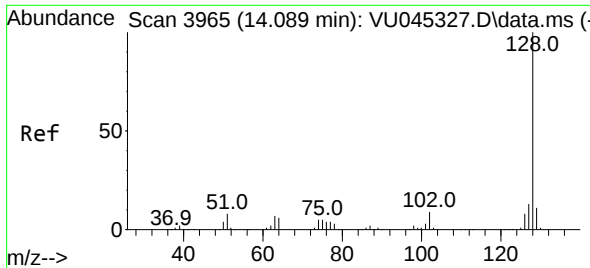


#70
 1,2,4-trichlorobenzene
 Concen: 54.807 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. -0.000 min
 Lab File: VU045330.D
 Acq: 19 Oct 2021 15:00



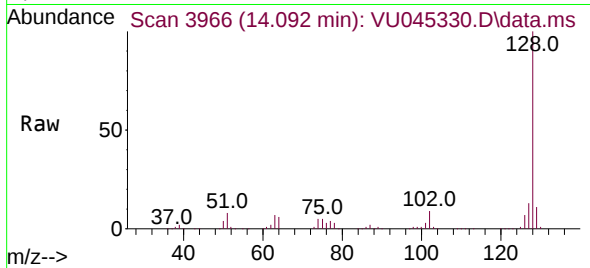
Tgt Ion:180 Resp: 148800
 Ion Ratio Lower Upper
 180 100
 182 95.0 75.7 113.5
 145 30.6 25.1 37.7



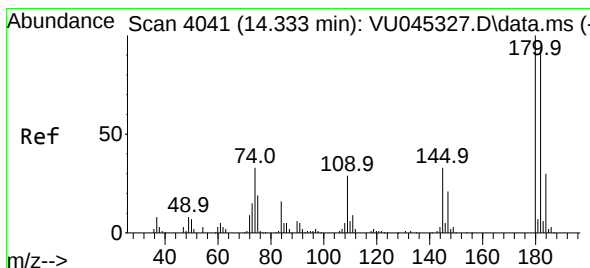
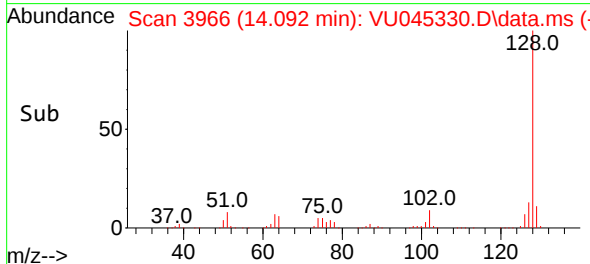
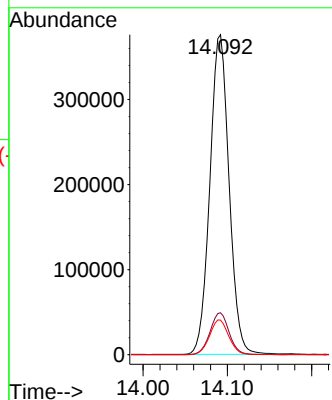


#71
Naphthalene
Concen: 65.592 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU045330.D
Acq: 19 Oct 2021 15:00

Instrument :
MSVOA_U
ClientSampled :



Tgt Ion:128 Resp: 595259
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.9 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 55.920 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VU045330.D
Acq: 19 Oct 2021 15:00

Tgt Ion:180 Resp: 151672
Ion Ratio Lower Upper
180 100
182 95.4 75.0 112.4
145 33.4 26.4 39.6

