

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100921\
 Data File : VU045267.D
 Acq On : 09 Oct 2021 16:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 11 01:43:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 09 05:29:23 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	279240	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	268086	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	134643	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	139362	45.590	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	91.180%	
7) Chloroethane-d5	1.900	69	110432	45.589	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	91.180%	
11) 1,1-Dichloroethene-d2	2.568	63	235116	45.800	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	91.600%	
21) 2-Butanone-d5	4.626	46	211941	87.699	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	87.700%	
24) Chloroform-d	5.070	84	224123	46.422	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.840%	
26) 1,2-Dichloroethane-d4	5.707	65	150564	46.040	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.080%	
32) Benzene-d6	5.732	84	454618	48.871	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.740%	
36) 1,2-Dichloropropane-d6	6.697	67	144565	47.660	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	95.320%	
41) Toluene-d8	7.903	98	402650	50.156	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	100.320%	
43) trans-1,3-Dichloroprop...	8.182	79	69594	51.579	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	103.160%	
47) 2-Hexanone-d5	8.636	63	149834	89.138	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	89.140%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	222071	47.016	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	94.040%	
66) 1,2-Dichlorobenzene-d4	12.198	152	144964	49.472	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	98.940%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	131948	49.350	ug/L	98
3) Chloromethane	1.523	50	147603	44.289	ug/L	99
5) Vinyl chloride	1.604	62	161436	49.442	ug/L	97
6) Bromomethane	1.835	94	85671	54.705	ug/L	99
8) Chloroethane	1.922	64	101694	49.625	ug/L	99
9) Trichlorofluoromethane	2.134	101	187646	50.211	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	119034	50.464	ug/L	98
12) 1,1-Dichloroethene	2.578	96	111064	51.361	ug/L	94
13) Acetone	2.630	43	234524	83.952	ug/L	99
14) Carbon disulfide	2.793	76	329233	47.525	ug/L	100
15) Methyl Acetate	2.951	43	161630	46.913	ug/L	97
16) Methylene chloride	3.047	84	137786	50.295	ug/L	93
17) trans-1,2-Dichloroethene	3.356	96	117431	51.552	ug/L	98
18) Methyl tert-butyl Ether	3.369	73	420124	55.934	ug/L	98
19) 1,1-Dichloroethane	3.874	63	239505	50.540	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	134519	53.591	ug/L	91
22) 2-Butanone	4.707	43	284935	91.133	ug/L	98
23) Bromochloromethane	4.980	128	65665	51.605	ug/L	97
25) Chloroform	5.092	83	240240	50.994	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100921\
 Data File : VU045267.D
 Acq On : 09 Oct 2021 16:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

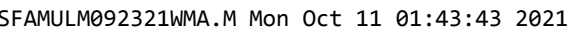
Instrument :
 MSVOA_U
 ClientSampleId :

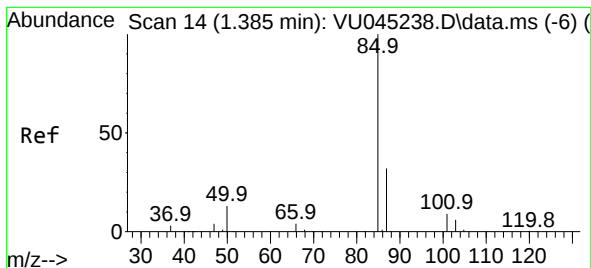
Quant Time: Oct 11 01:43:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 09 05:29:23 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	198867	50.469	ug/L	99
29) Cyclohexane	5.391	56	214249	53.168	ug/L	98
30) 1,1,1-Trichloroethane	5.321	97	193396	52.114	ug/L	98
31) Carbon tetrachloride	5.530	117	150362	51.299	ug/L	99
33) Benzene	5.777	78	532877	53.592	ug/L	100
34) Trichloroethene	6.546	95	127149	53.239	ug/L	100
35) Methylcyclohexane	6.768	83	213004	53.272	ug/L	98
37) 1,2-Dichloropropane	6.797	63	140808	52.012	ug/L	100
38) Bromodichloromethane	7.112	83	179799	54.181	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	215874	55.729	ug/L	99
40) 4-Methyl-2-pentanone	7.797	43	463510	102.493	ug/L	97
42) Toluene	7.973	91	560421	55.472	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	207112	56.230	ug/L	100
45) 1,1,2-Trichloroethane	8.404	97	134821	54.952	ug/L	98
46) Tetrachloroethene	8.555	164	88216	51.678	ug/L	97
48) 2-Hexanone	8.687	43	389631	97.157	ug/L	98
49) Dibromochloromethane	8.816	129	128692	53.037	ug/L	99
50) 1,2-Dibromoethane	8.928	107	139278	54.220	ug/L	100
51) Chlorobenzene	9.449	112	337302	54.081	ug/L	99
52) Ethylbenzene	9.575	91	605639	56.747	ug/L	100
53) m,p-Xylene	9.697	106	232045	57.394	ug/L	99
54) o-xylene	10.105	106	232143	58.431	ug/L	99
55) Styrene	10.118	104	397738	58.215	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	244075	51.957	ug/L	100
59) Bromoform	10.295	173	91891	55.029	ug/L	99
60) 1,2,3-Trichloropropane	10.829	75	199469	53.563	ug/L	99
61) Isopropylbenzene	10.488	105	598772	60.766	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	507094	61.621	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	515583	61.183	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	255448	56.096	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	255202	54.622	ug/L	98
67) 1,2-Dichlorobenzene	12.218	146	258528	55.302	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	54389	50.822	ug/L	99
69) 1,3,5-Trichlorobenzene	13.224	180	173700	54.964	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	146112	55.638	ug/L	99
71) Naphthalene	14.089	128	537659	59.081	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	147824	55.016	ug/L	99

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

Quant Time: Oct 11 01:43:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 09 05:29:23 2021
Response via : Initial Calibration

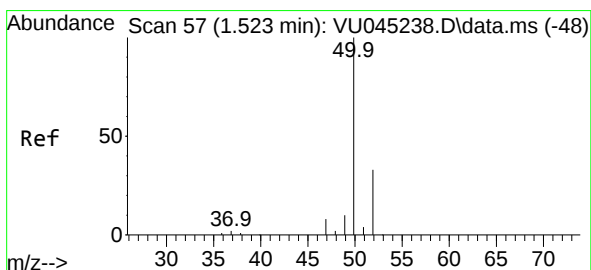
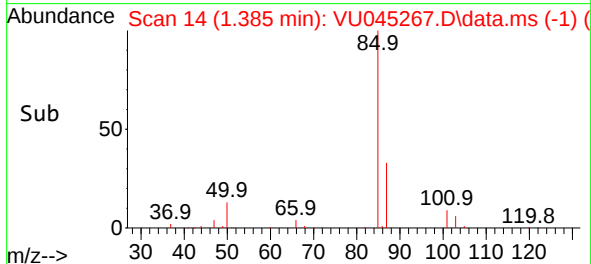
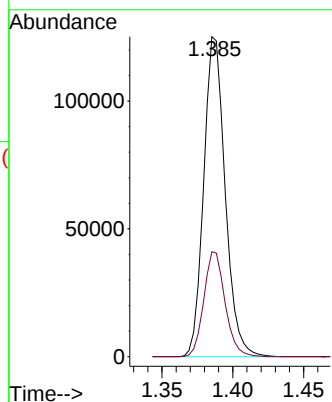
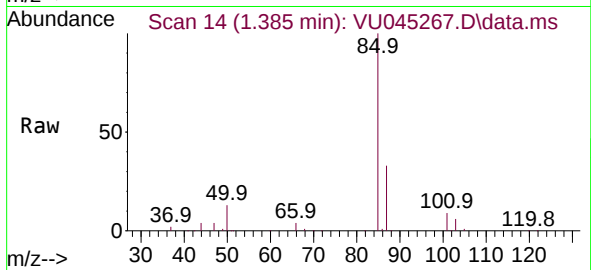




#2
Dichlorodifluoromethane
Concen: 49.350 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045267.D
Acq: 09 Oct 2021 16:58

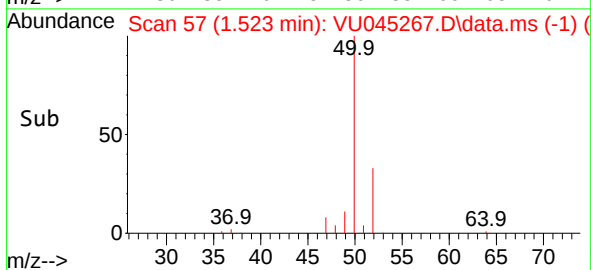
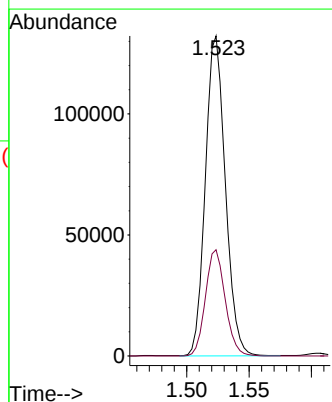
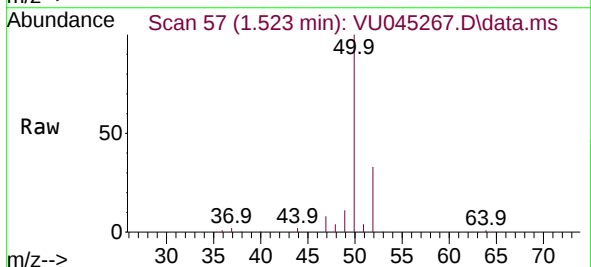
Instrument :
MSVOA_U
ClientSampled :

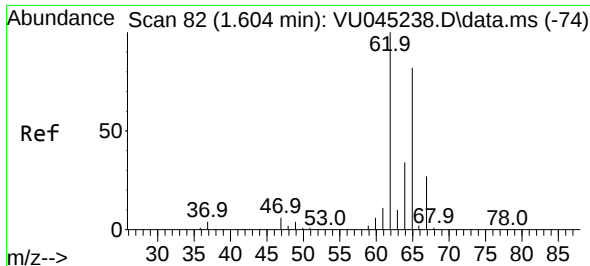
Tgt Ion: 85 Resp: 131948
Ion Ratio Lower Upper
85 100
87 32.3 25.2 37.8



#3
Chloromethane
Concen: 44.289 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU045267.D
Acq: 09 Oct 2021 16:58

Tgt Ion: 50 Resp: 147603
Ion Ratio Lower Upper
50 100
52 33.2 23.0 42.8

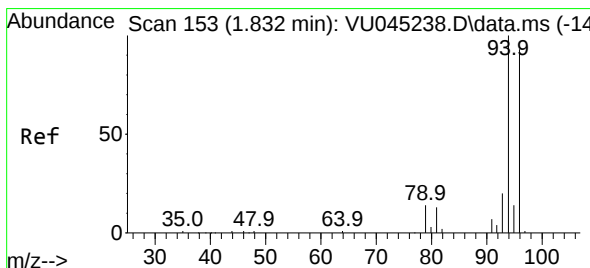
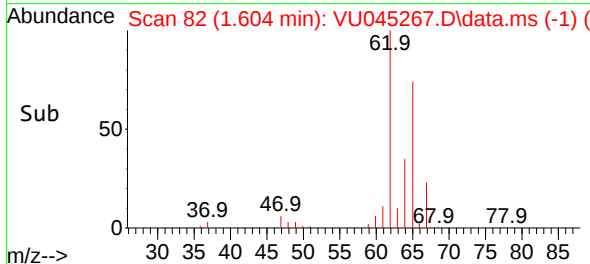
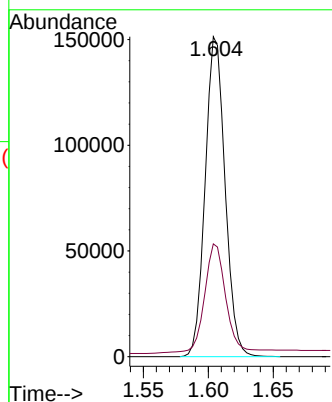
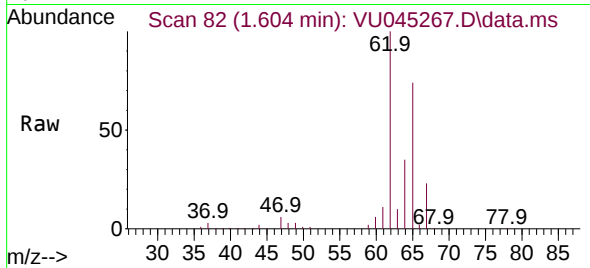




#5
 Vinyl chloride
 Concen: 49.442 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: VU045267.D
 Acq: 09 Oct 2021 16:58

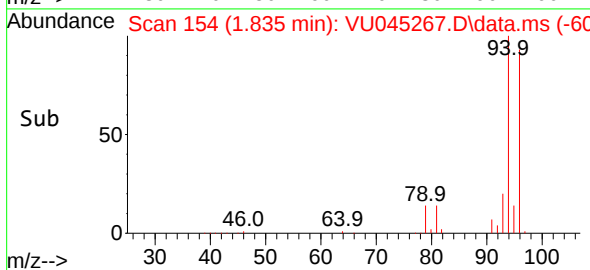
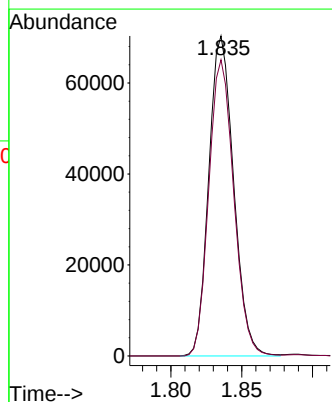
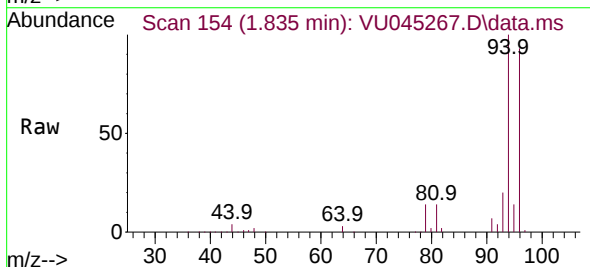
Instrument :
 MSVOA_U
 ClientSampled :

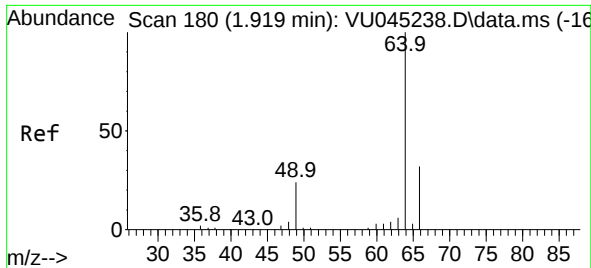
Tgt Ion: 62 Resp: 161436
 Ion Ratio Lower Upper
 62 100
 64 35.3 23.4 43.6



#6
 Bromomethane
 Concen: 54.705 ug/L
 RT: 1.835 min Scan# 154
 Delta R.T. 0.003 min
 Lab File: VU045267.D
 Acq: 09 Oct 2021 16:58

Tgt Ion: 94 Resp: 85671
 Ion Ratio Lower Upper
 94 100
 96 92.5 65.7 121.9

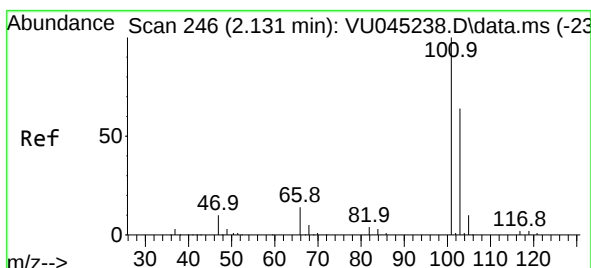
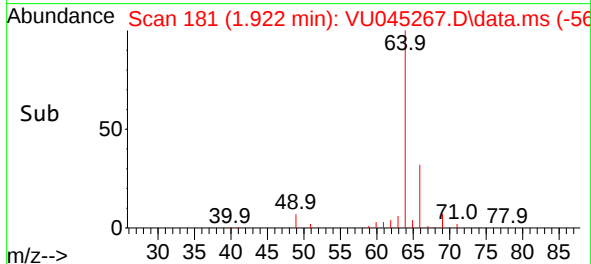
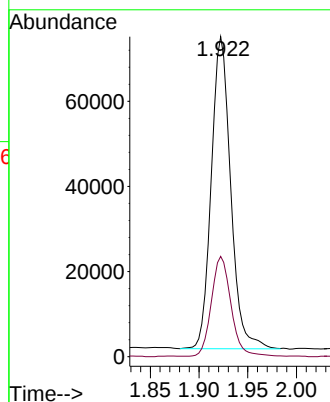
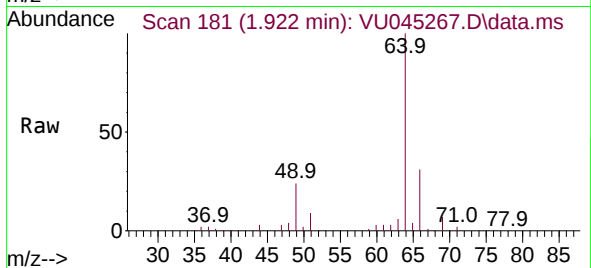




#8
Chloroethane
Concen: 49.625 ug/L
RT: 1.922 min Scan# 181
Delta R.T. 0.003 min
Lab File: VU045267.D
Acq: 09 Oct 2021 16:58

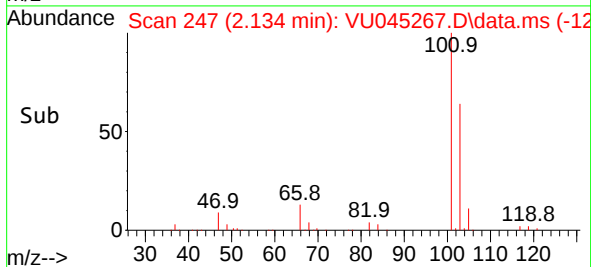
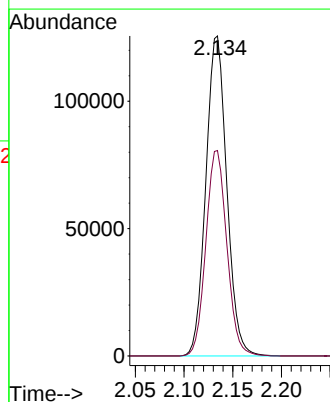
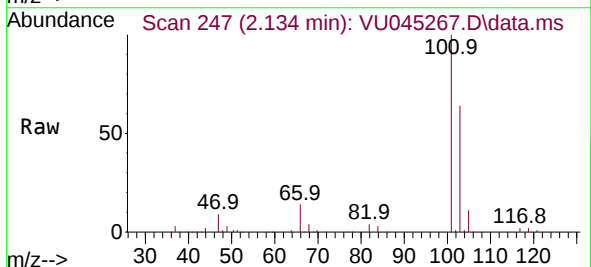
Instrument :
MSVOA_U
ClientSampleId :

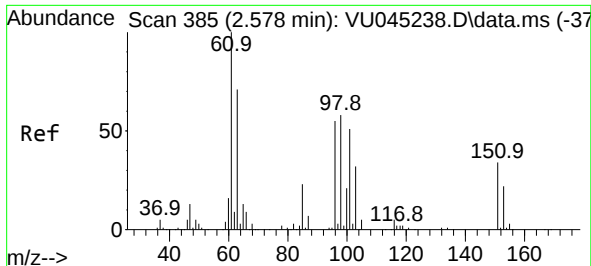
Tgt Ion: 64 Resp: 101694
Ion Ratio Lower Upper
64 100
66 31.4 22.3 41.3



#9
Trichlorofluoromethane
Concen: 50.211 ug/L
RT: 2.134 min Scan# 247
Delta R.T. 0.003 min
Lab File: VU045267.D
Acq: 09 Oct 2021 16:58

Tgt Ion:101 Resp: 187646
Ion Ratio Lower Upper
101 100
103 64.4 50.9 76.3

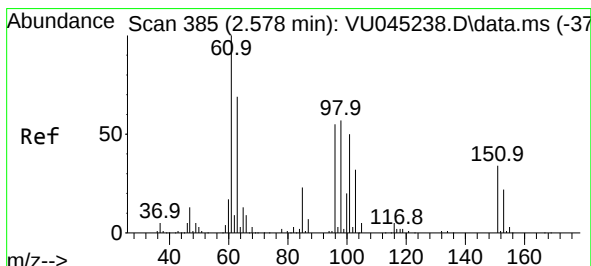
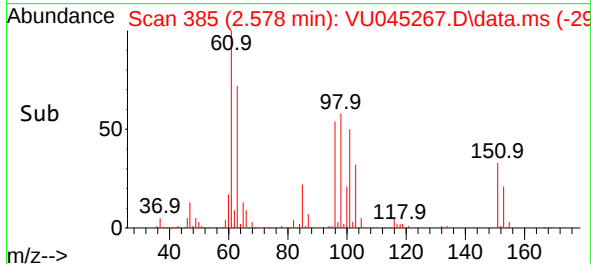
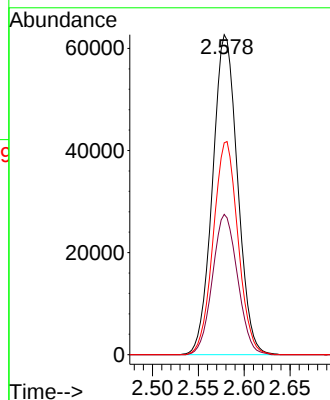
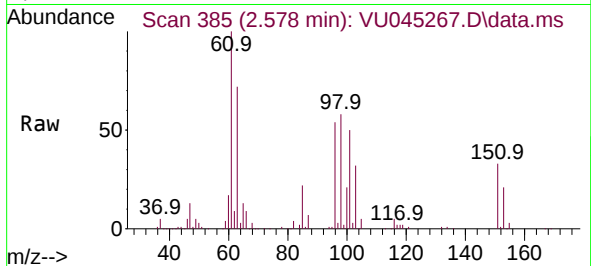




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 50.464 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU045267.D
 Acq: 09 Oct 2021 16:58

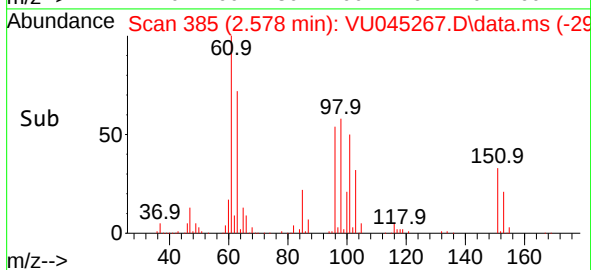
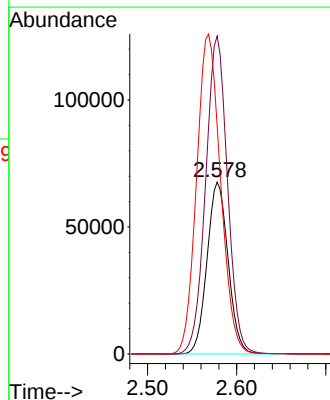
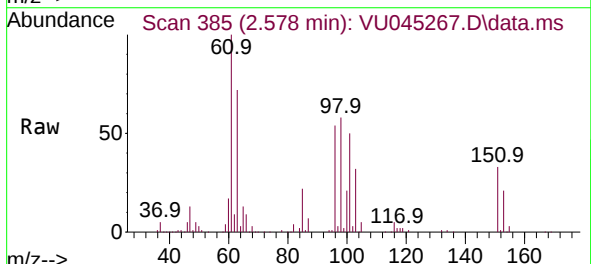
Instrument :
 MSVOA_U
 ClientSampleId :

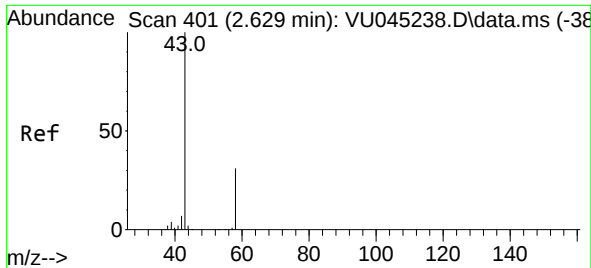
Tgt Ion:	101	Resp:	119034
Ion	Ratio	Lower	Upper
101	100		
85	43.9	36.4	54.6
151	66.1	54.4	81.6



#12
 1,1-Dichloroethene
 Concen: 51.361 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU045267.D
 Acq: 09 Oct 2021 16:58

Tgt Ion:	96	Resp:	111064
Ion	Ratio	Lower	Upper
96	100		
61	185.1	131.3	243.9
63	132.8	102.5	190.3

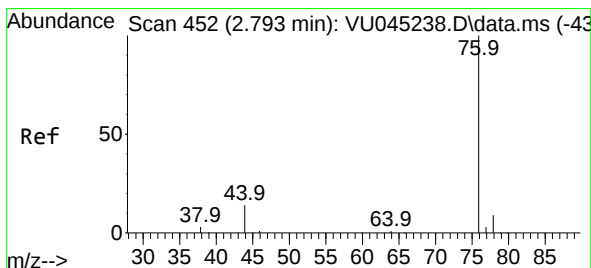
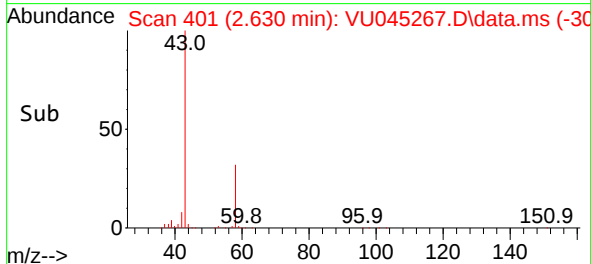
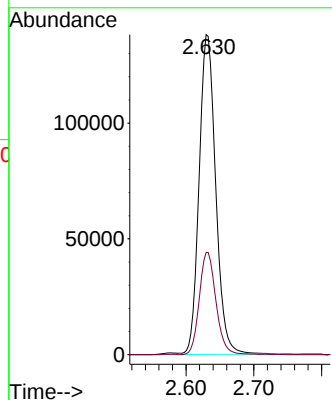
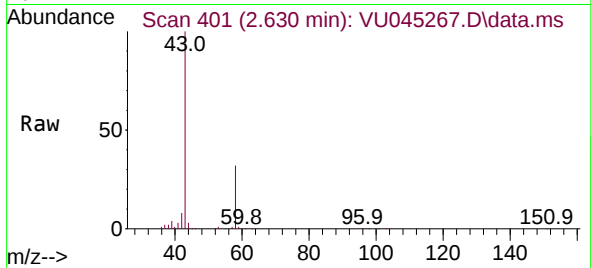




#13
Acetone
Concen: 83.952 ug/L
RT: 2.630 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU045267.D
Acq: 09 Oct 2021 16:58

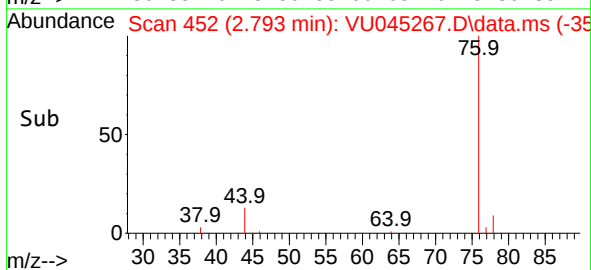
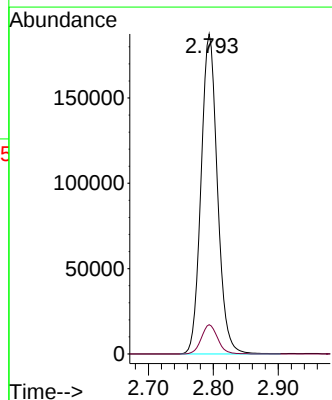
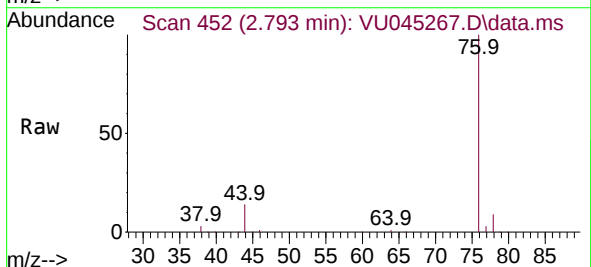
Instrument :
MSVOA_U
ClientSampled :

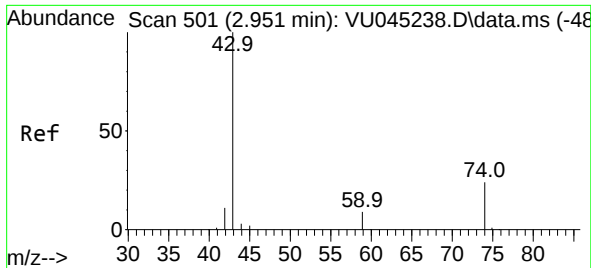
Tgt Ion: 43 Resp: 234524
Ion Ratio Lower Upper
43 100
58 32.2 0.0 62.8



#14
Carbon disulfide
Concen: 47.525 ug/L
RT: 2.793 min Scan# 452
Delta R.T. 0.000 min
Lab File: VU045267.D
Acq: 09 Oct 2021 16:58

Tgt Ion: 76 Resp: 329233
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

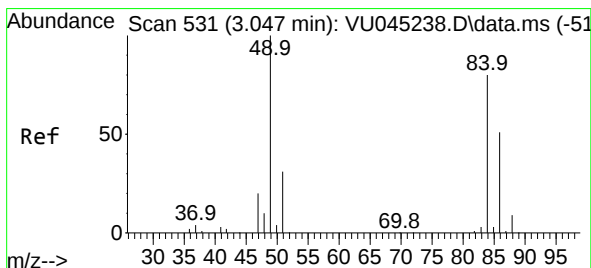
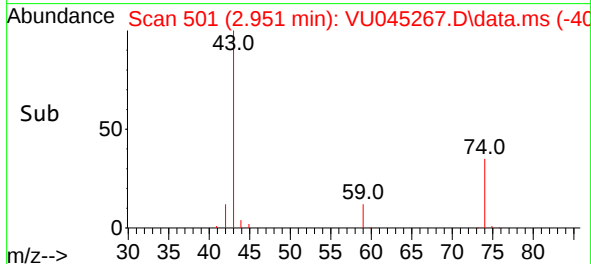
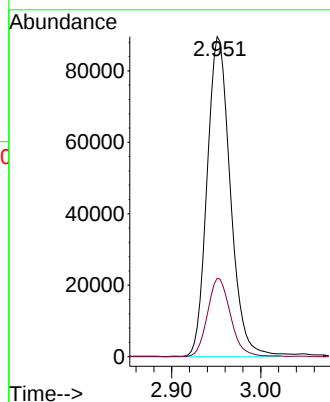
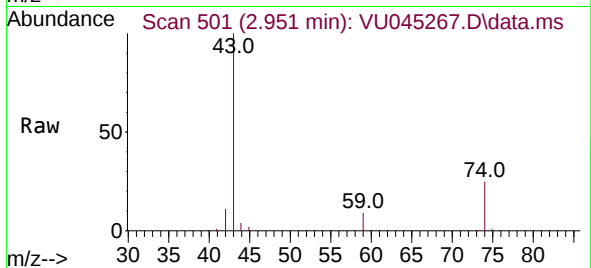




#15
Methyl Acetate
Concen: 46.913 ug/L
RT: 2.951 min Scan# 501
Delta R.T. 0.000 min
Lab File: VU045267.D
Acq: 09 Oct 2021 16:58

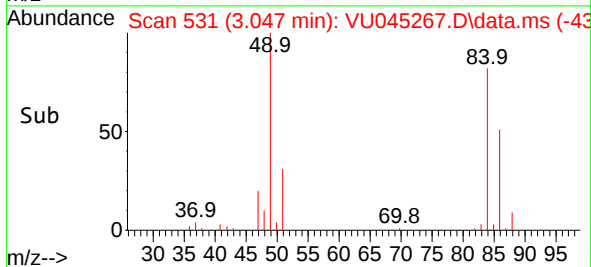
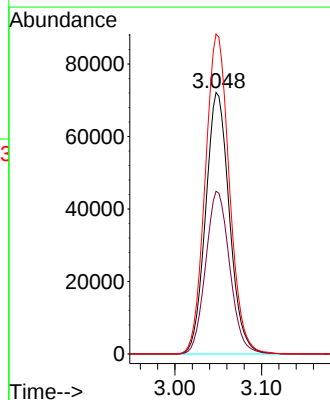
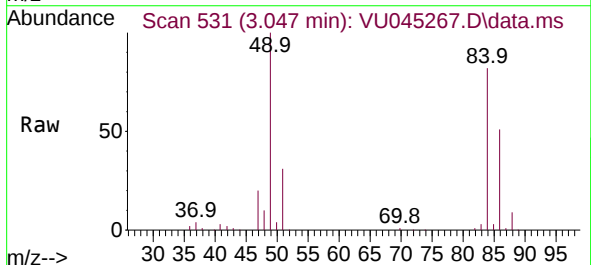
Instrument :
MSVOA_U
ClientSampled :

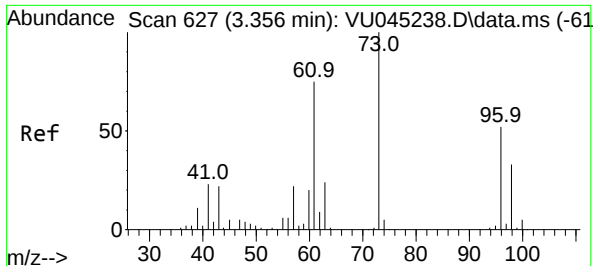
Tgt Ion: 43 Resp: 161630
Ion Ratio Lower Upper
43 100
74 24.5 18.4 27.6



#16
Methylene chloride
Concen: 50.295 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU045267.D
Acq: 09 Oct 2021 16:58

Tgt Ion: 84 Resp: 137786
Ion Ratio Lower Upper
84 100
86 62.2 44.7 83.1
49 122.4 92.9 172.5



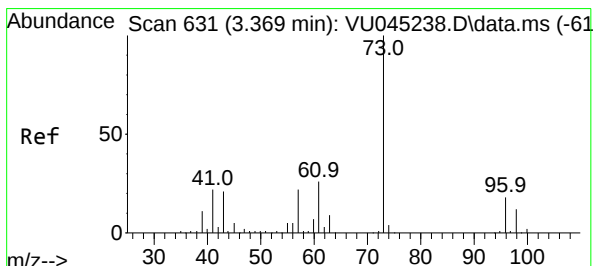
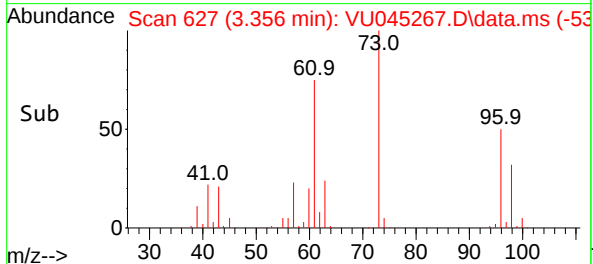
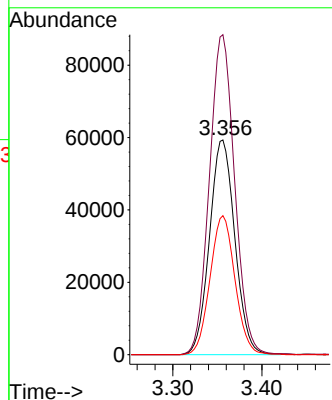
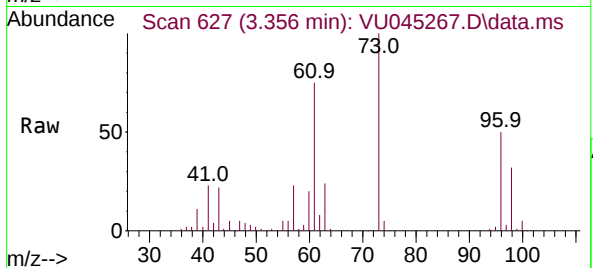


#17

trans-1,2-Dichloroethene
Concen: 51.552 ug/L
RT: 3.356 min Scan# 627
Delta R.T. 0.000 min
Lab File: VU045267.D
Acq: 09 Oct 2021 16:58

Instrument :
MSVOA_U
ClientSampleId :

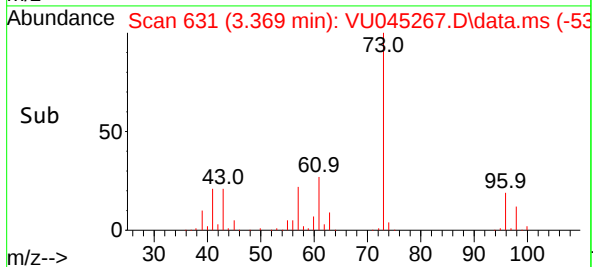
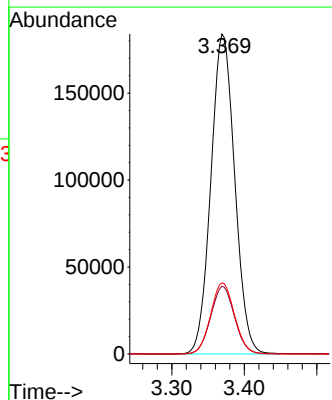
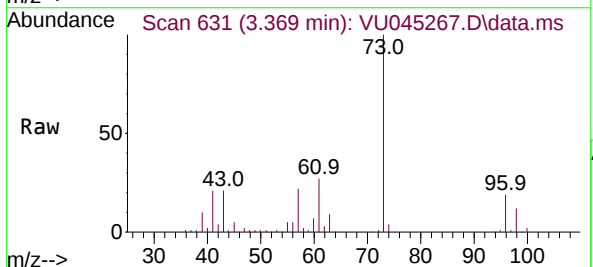
Tgt Ion: 96 Resp: 117431
Ion Ratio Lower Upper
96 100
61 149.1 105.1 195.3
98 64.7 43.0 79.8

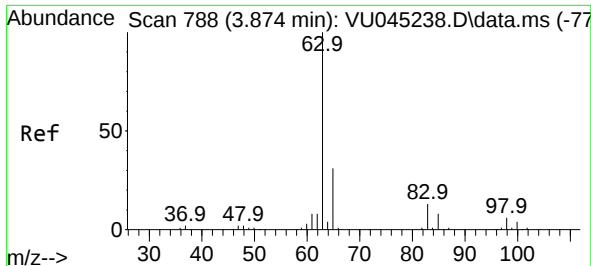


#18

Methyl tert-butyl Ether
Concen: 55.934 ug/L
RT: 3.369 min Scan# 631
Delta R.T. 0.000 min
Lab File: VU045267.D
Acq: 09 Oct 2021 16:58

Tgt Ion: 73 Resp: 420124
Ion Ratio Lower Upper
73 100
43 21.1 17.3 25.9
57 22.3 18.7 28.1





#19

1,1-Dichloroethane

Concen: 50.540 ug/L

RT: 3.874 min Scan# 788

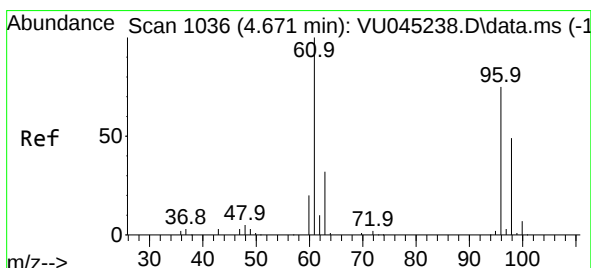
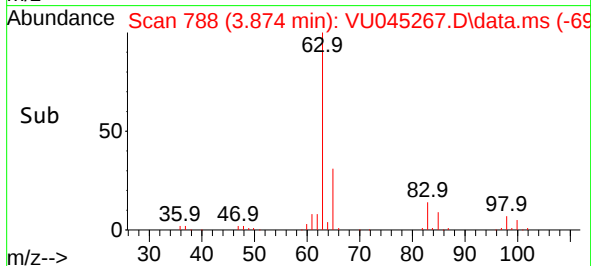
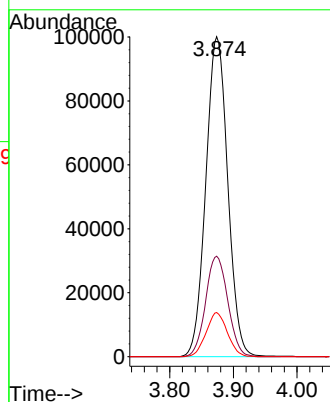
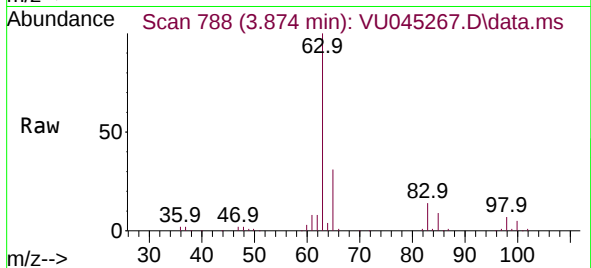
Delta R.T. 0.000 min

Lab File: VU045267.D

Acq: 09 Oct 2021 16:58

Tgt Ion:	63	Resp:	239505
Ion	Ratio	Lower	Upper
63	100		
65	31.4	22.0	40.8
83	13.8	9.0	16.6

Instrument :
MSVOA_U
ClientSampleId :



#20

cis-1,2-Dichloroethene

Concen: 53.591 ug/L

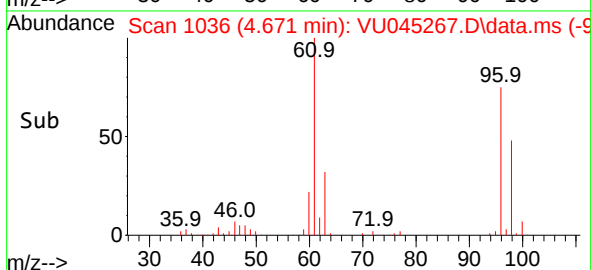
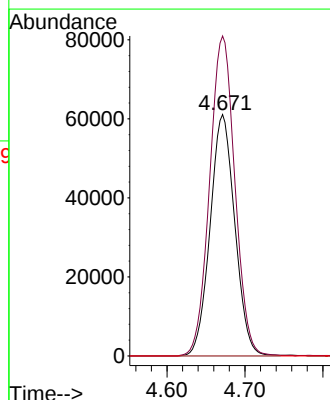
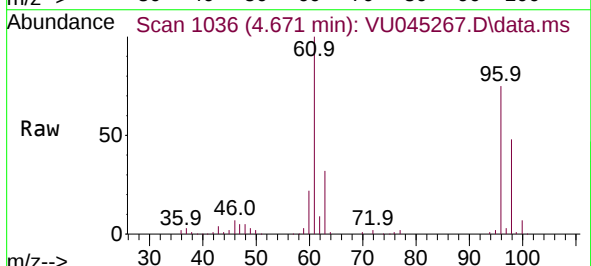
RT: 4.671 min Scan# 1036

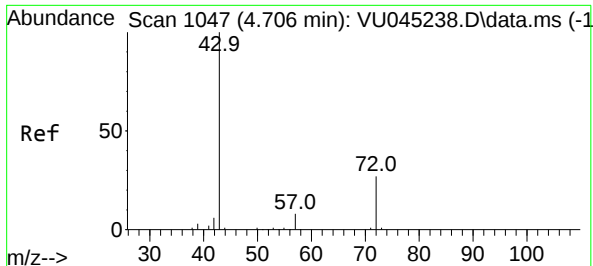
Delta R.T. 0.000 min

Lab File: VU045267.D

Acq: 09 Oct 2021 16:58

Tgt Ion:	96	Resp:	134519
Ion	Ratio	Lower	Upper
96	100		
61	132.5	100.2	186.0
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 91.133 ug/L

RT: 4.707 min Scan# 1047

Delta R.T. 0.000 min

Lab File: VU045267.D

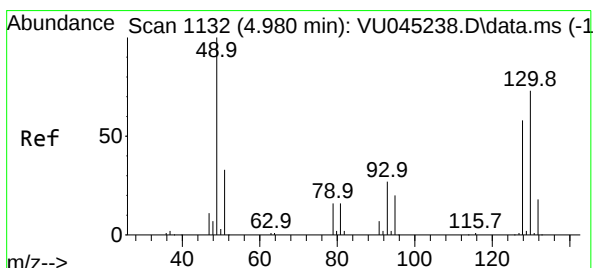
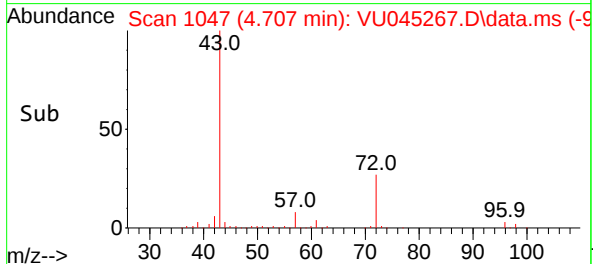
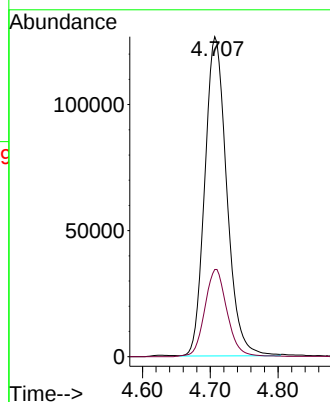
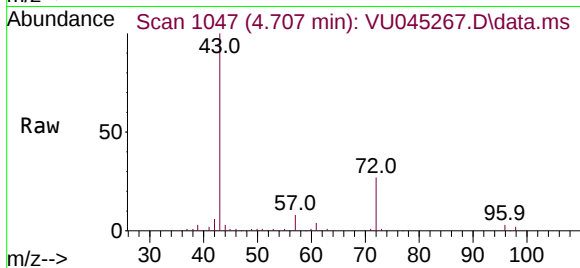
Acq: 09 Oct 2021 16:58

Tgt Ion: 43 Resp: 284935

Ion Ratio Lower Upper

43 100

72 27.8 13.3 39.9



#23

Bromochloromethane

Concen: 51.605 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU045267.D

Acq: 09 Oct 2021 16:58

Tgt Ion: 128 Resp: 65665

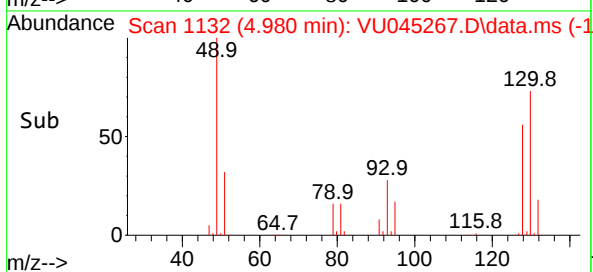
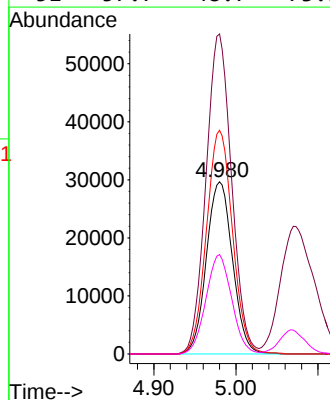
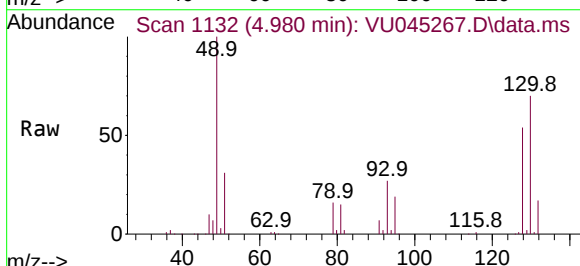
Ion Ratio Lower Upper

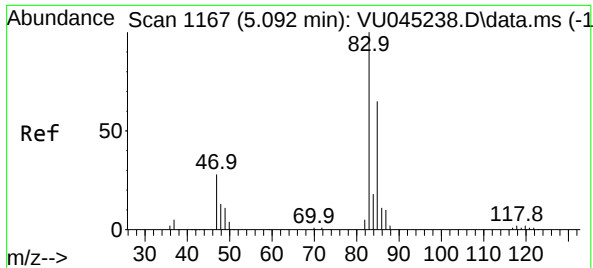
128 100

49 185.9 132.9 246.7

130 130.0 88.2 163.8

51 57.7 48.7 73.1



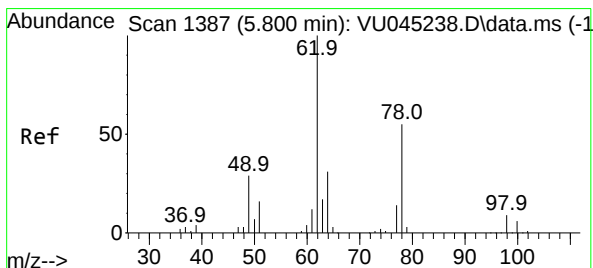
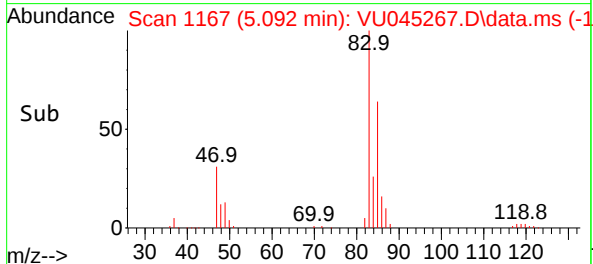
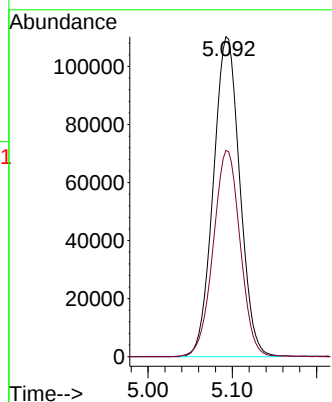
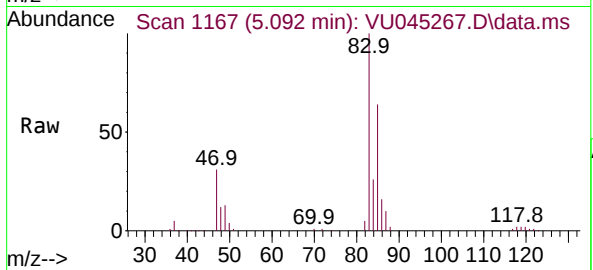


#25

Chloroform
Concen: 50.994 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU045267.D
Acq: 09 Oct 2021 16:58

Instrument :
MSVOA_U
ClientSampled :

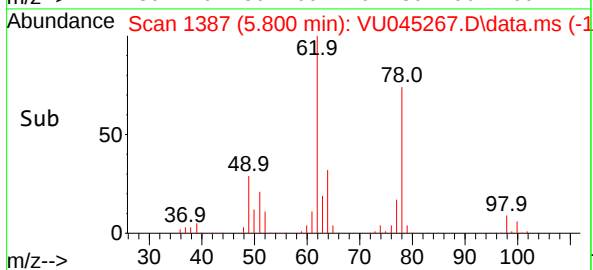
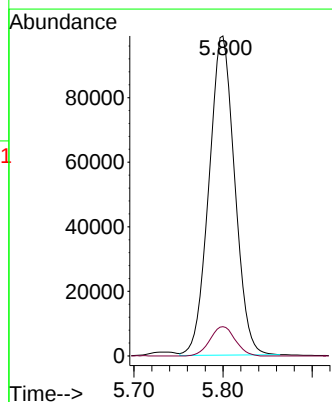
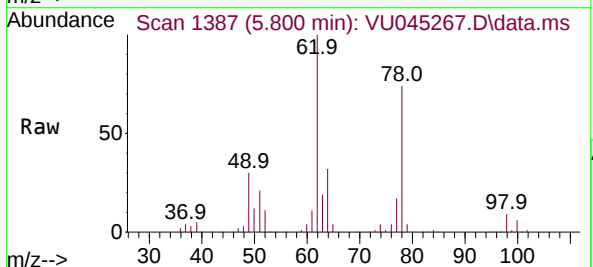
Tgt Ion: 83 Resp: 240240
Ion Ratio Lower Upper
83 100
85 64.4 45.6 84.6

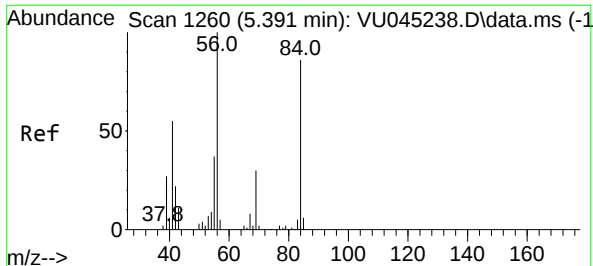


#27

1,2-Dichloroethane
Concen: 50.469 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VU045267.D
Acq: 09 Oct 2021 16:58

Tgt Ion: 62 Resp: 198867
Ion Ratio Lower Upper
62 100
98 9.2 7.1 10.7





#29

Cyclohexane

Concen: 53.168 ug/L

RT: 5.391 min Scan# 1260

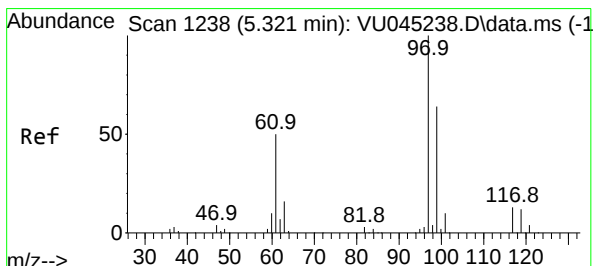
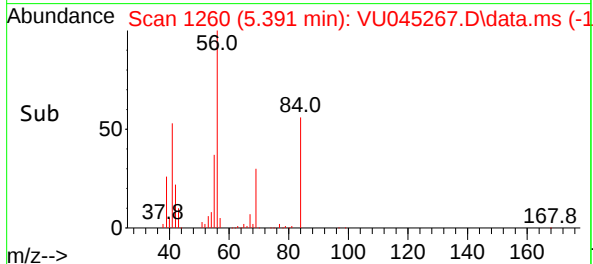
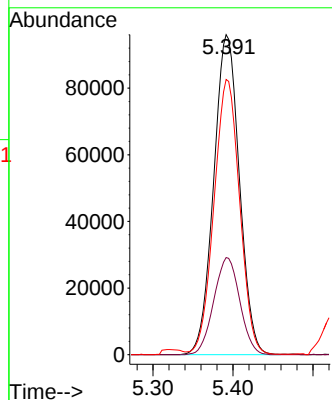
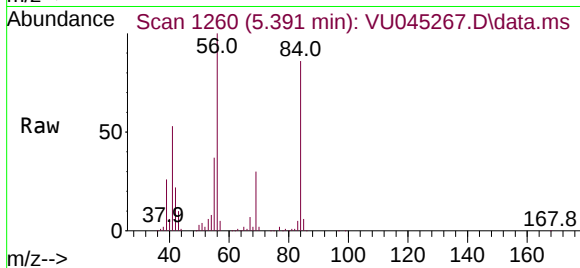
Delta R.T. 0.000 min

Lab File: VU045267.D

Acq: 09 Oct 2021 16:58

Tgt Ion: 56 Resp: 214249

Ion	Ratio	Lower	Upper
56	100		
69	30.7	23.8	35.8
84	85.7	66.8	100.2



#30

1,1,1-Trichloroethane

Concen: 52.114 ug/L

RT: 5.321 min Scan# 1238

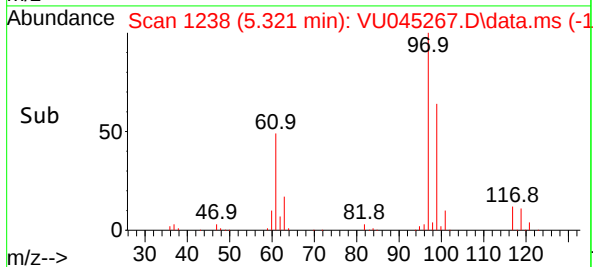
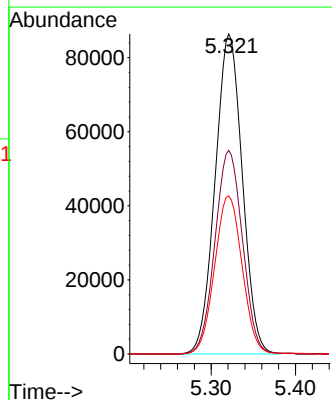
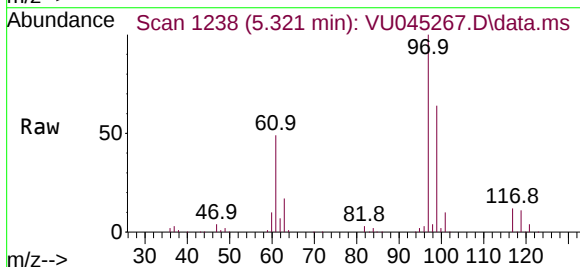
Delta R.T. 0.000 min

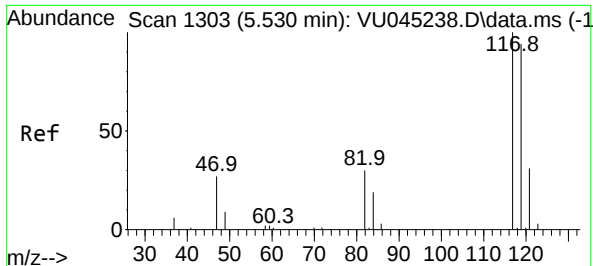
Lab File: VU045267.D

Acq: 09 Oct 2021 16:58

Tgt Ion: 97 Resp: 193396

Ion	Ratio	Lower	Upper
97	100		
99	64.4	50.6	75.8
61	50.0	41.3	61.9

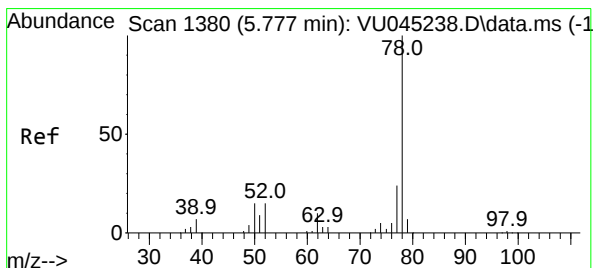
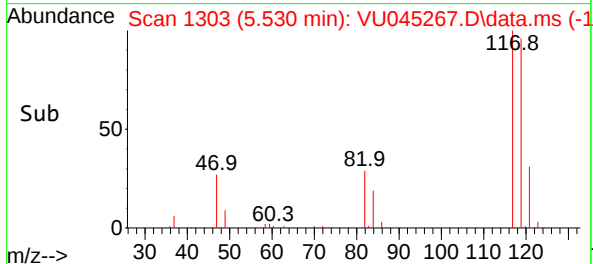
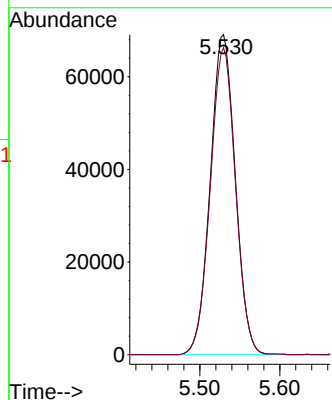
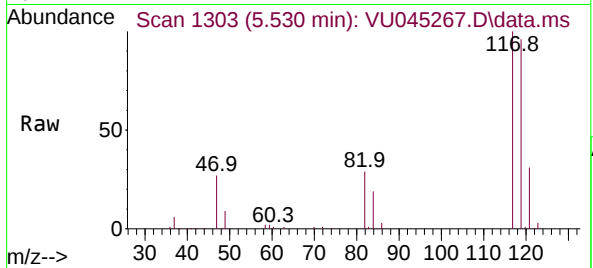




#31
Carbon tetrachloride
Concen: 51.299 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU045267.D
Acq: 09 Oct 2021 16:58

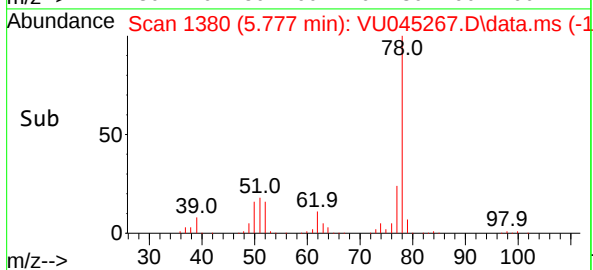
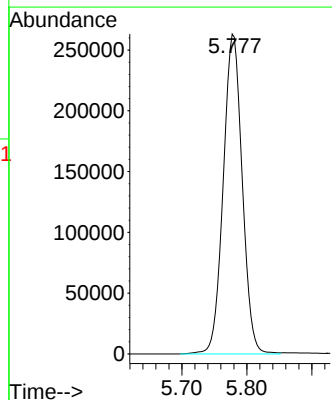
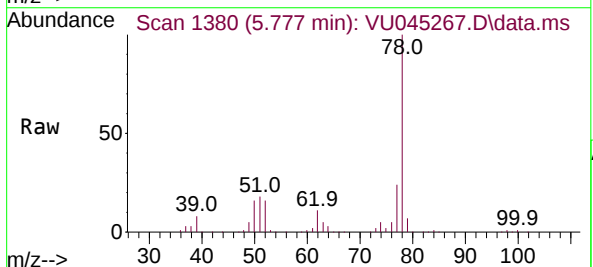
Instrument :
MSVOA_U
ClientSampled :

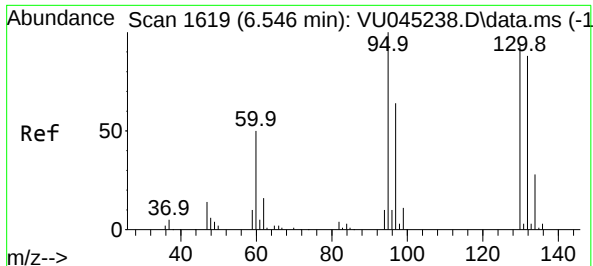
Tgt Ion:117 Resp: 150362
Ion Ratio Lower Upper
117 100
119 96.1 77.7 116.5



#33
Benzene
Concen: 53.592 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU045267.D
Acq: 09 Oct 2021 16:58

Tgt Ion: 78 Resp: 532877

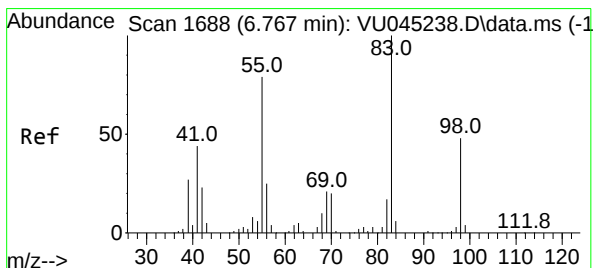
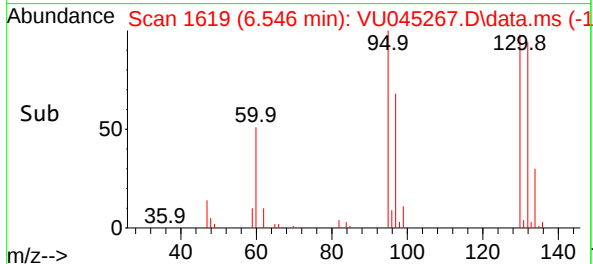
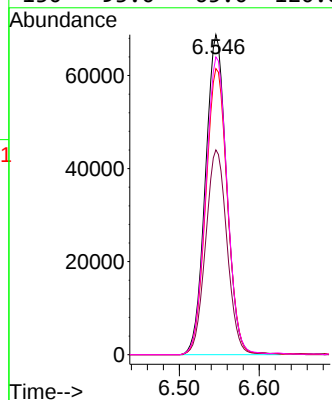
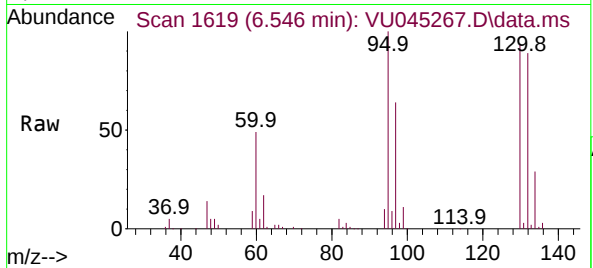




#34
Trichloroethene
Concen: 53.239 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045267.D
Acq: 09 Oct 2021 16:58

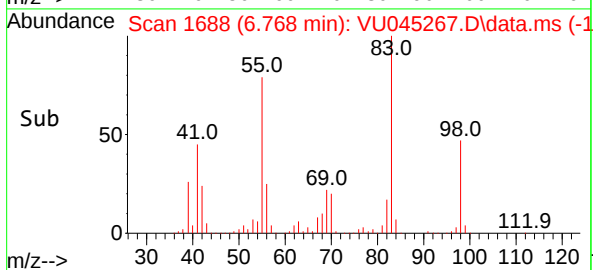
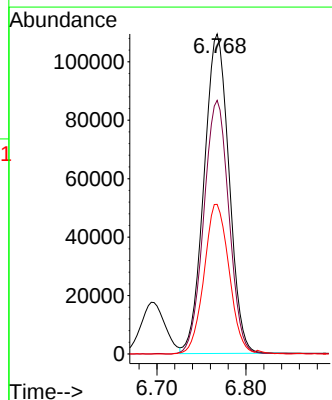
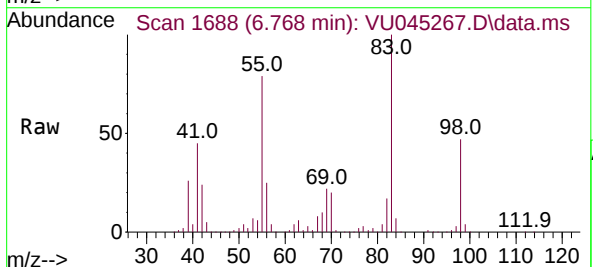
Instrument :
MSVOA_U
ClientSampleId :

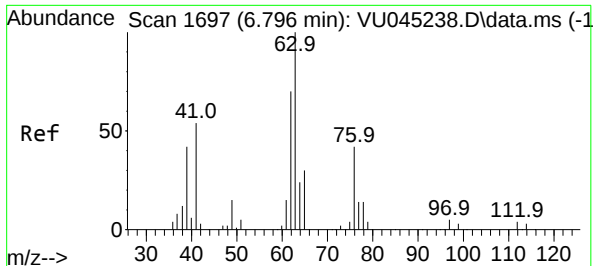
Tgt Ion: 95 Resp: 127149
Ion Ratio Lower Upper
95 100
97 64.0 44.4 82.4
132 89.4 62.9 116.9
130 93.0 65.0 120.8



#35
Methylcyclohexane
Concen: 53.272 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU045267.D
Acq: 09 Oct 2021 16:58

Tgt Ion: 83 Resp: 213004
Ion Ratio Lower Upper
83 100
55 79.9 65.8 98.6
98 46.8 37.1 55.7

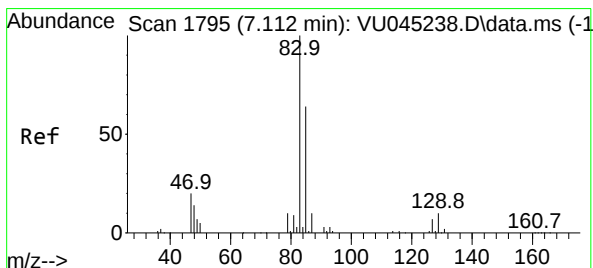
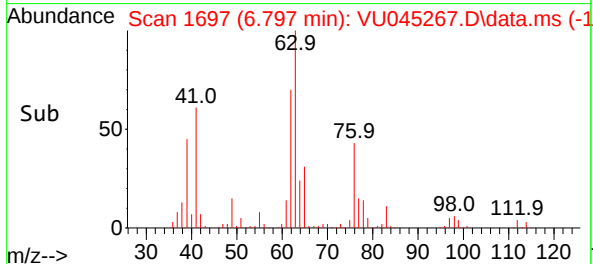
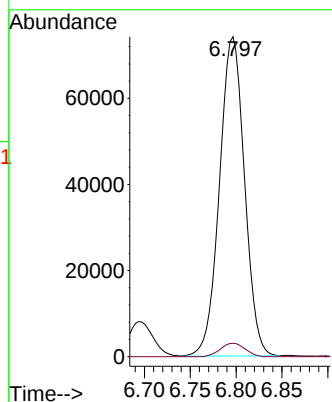
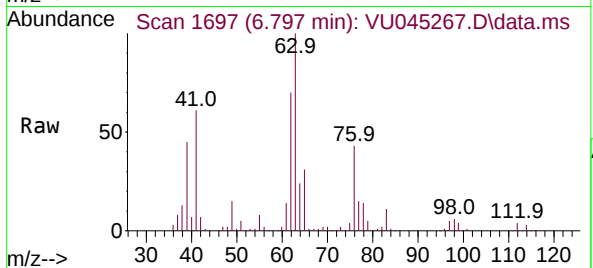




#37
1,2-Dichloropropane
Concen: 52.012 ug/L
RT: 6.797 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VU045267.D
Acq: 09 Oct 2021 16:58

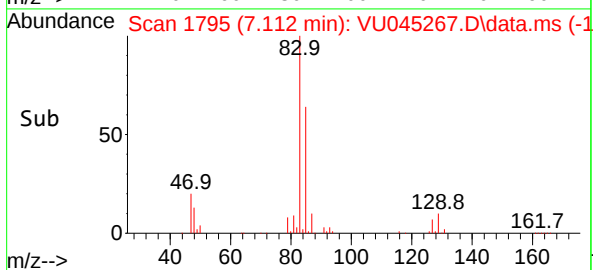
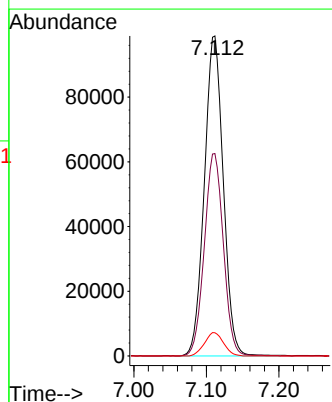
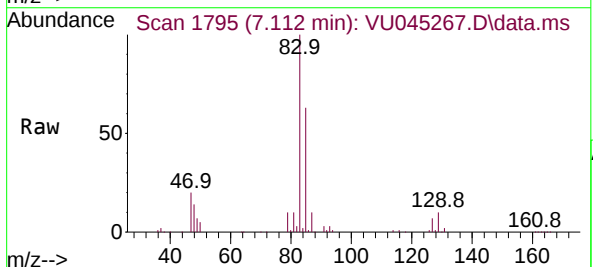
Instrument :
MSVOA_U
ClientSampleId :

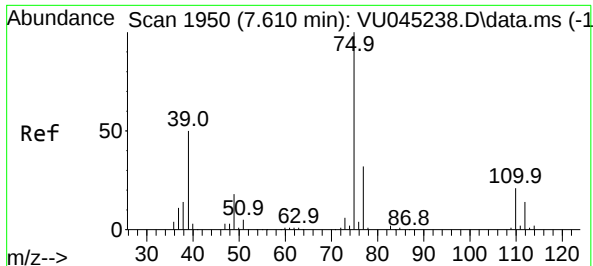
Tgt Ion: 63 Resp: 140808
Ion Ratio Lower Upper
63 100
112 4.2 3.2 4.8



#38
Bromodichloromethane
Concen: 54.181 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VU045267.D
Acq: 09 Oct 2021 16:58

Tgt Ion: 83 Resp: 179799
Ion Ratio Lower Upper
83 100
85 63.2 44.6 82.8
127 7.3 6.2 9.2



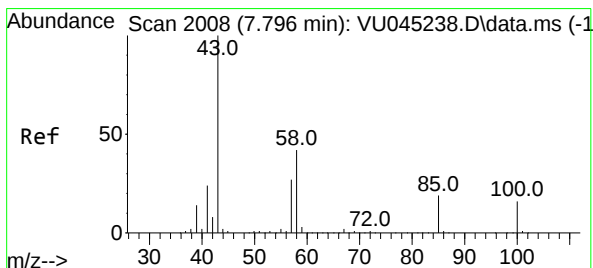
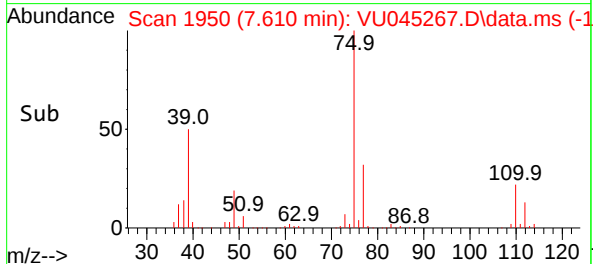
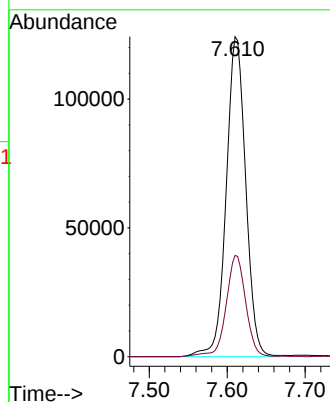
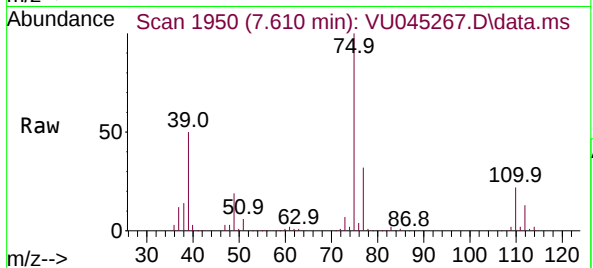


#39

cis-1,3-Dichloropropene
Concen: 55.729 ug/L
RT: 7.610 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VU045267.D
Acq: 09 Oct 2021 16:58

Instrument :
MSVOA_U
ClientSampled :

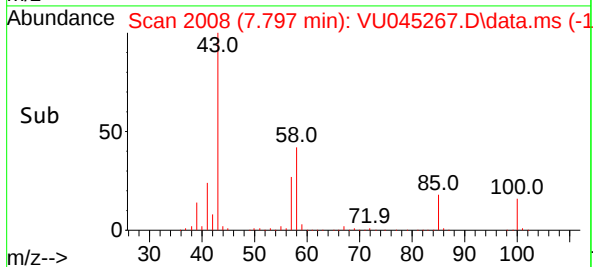
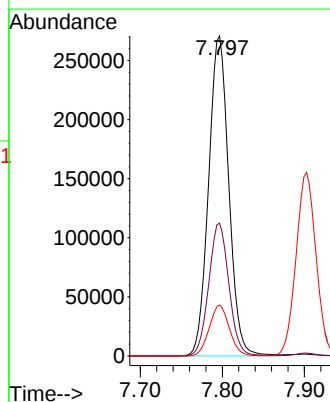
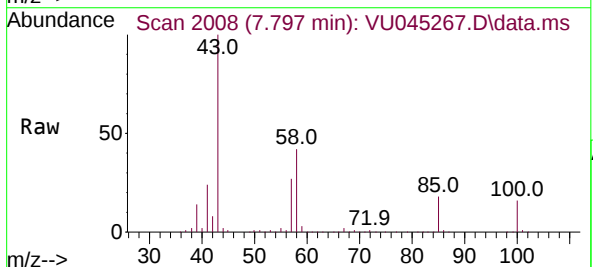
Tgt Ion: 75 Resp: 215874
Ion Ratio Lower Upper
75 100
77 31.7 22.4 41.6

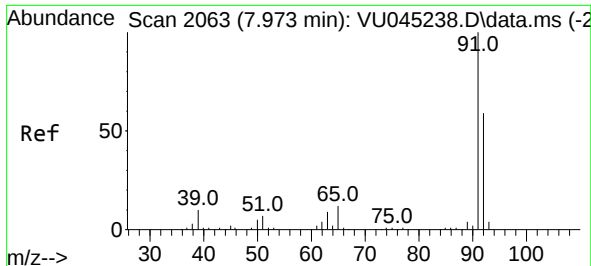


#40

4-Methyl-2-pentanone
Concen: 102.493 ug/L
RT: 7.797 min Scan# 2008
Delta R.T. 0.000 min
Lab File: VU045267.D
Acq: 09 Oct 2021 16:58

Tgt Ion: 43 Resp: 463510
Ion Ratio Lower Upper
43 100
58 41.3 31.8 47.8
100 15.8 11.8 17.6

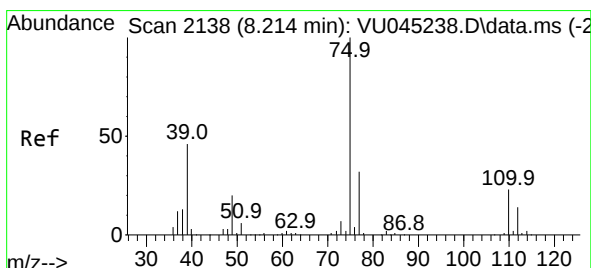
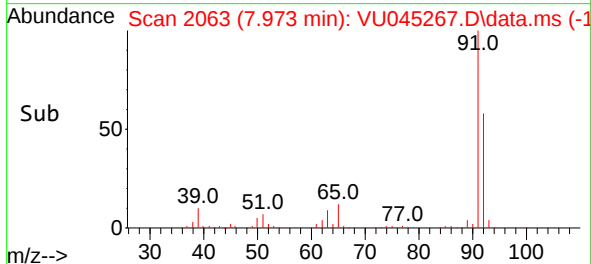
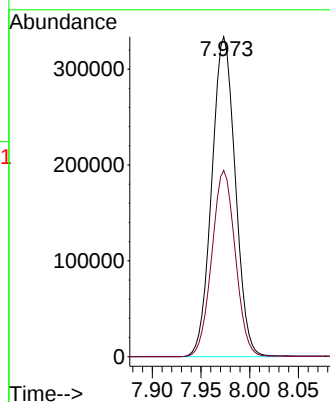
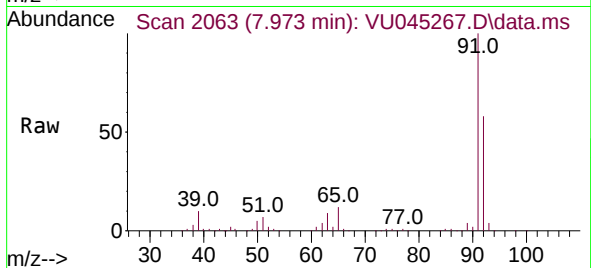




#42
Toluene
Concen: 55.472 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045267.D
Acq: 09 Oct 2021 16:58

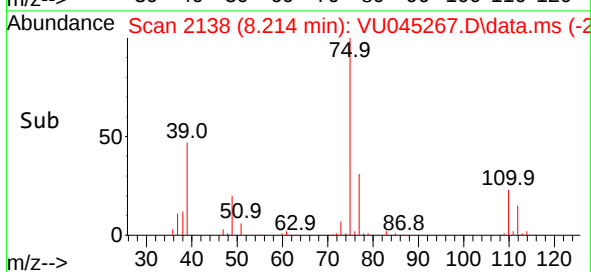
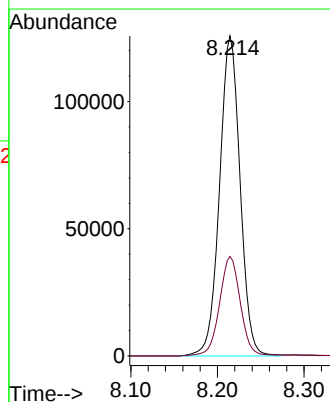
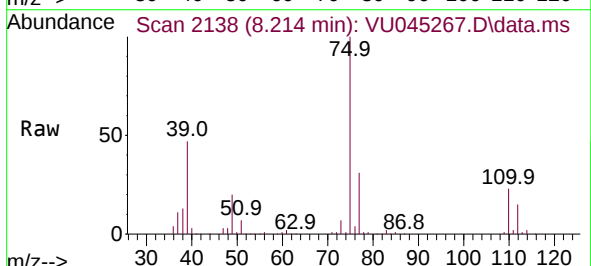
Instrument :
MSVOA_U
ClientSampled :

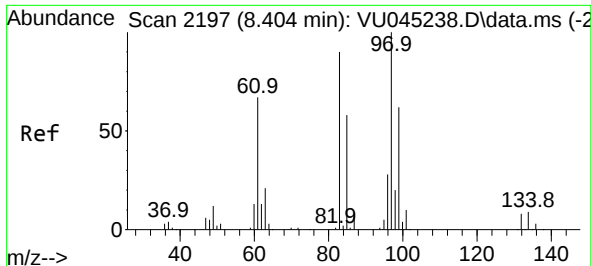
Tgt Ion: 91 Resp: 560421
Ion Ratio Lower Upper
91 100
92 58.2 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 56.230 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU045267.D
Acq: 09 Oct 2021 16:58

Tgt Ion: 75 Resp: 207112
Ion Ratio Lower Upper
75 100
77 31.1 21.7 40.3

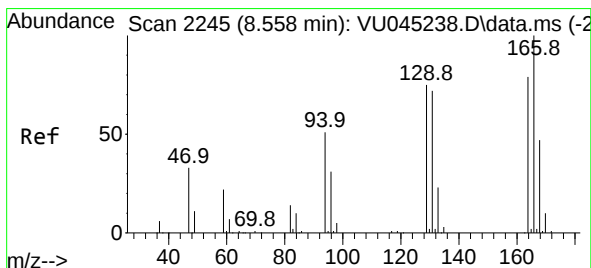
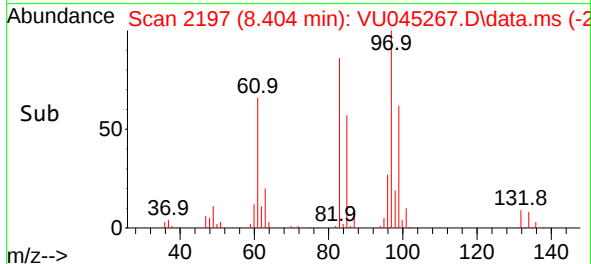
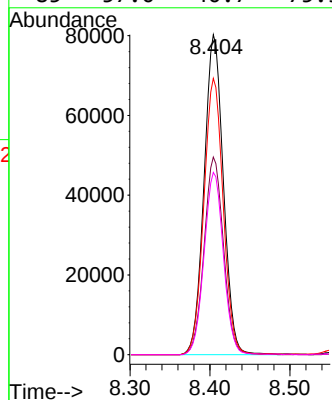
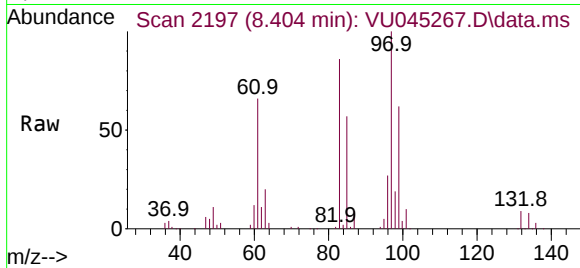




#45
1,1,2-Trichloroethane
Concen: 54.952 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU045267.D
Acq: 09 Oct 2021 16:58

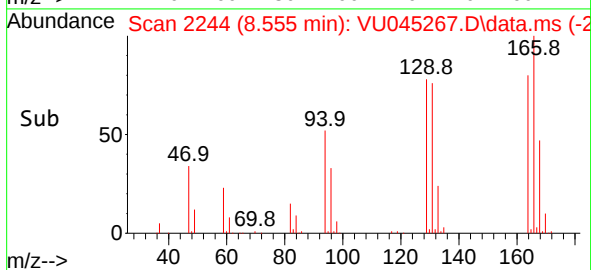
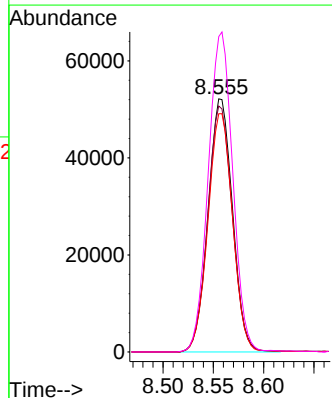
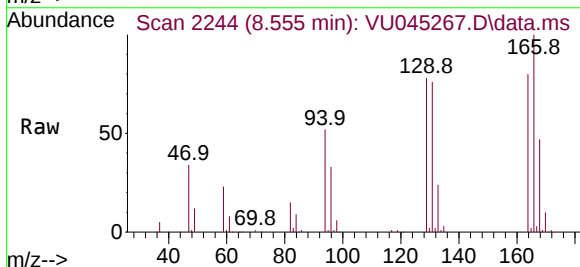
Instrument :
MSVOA_U
ClientSampled :

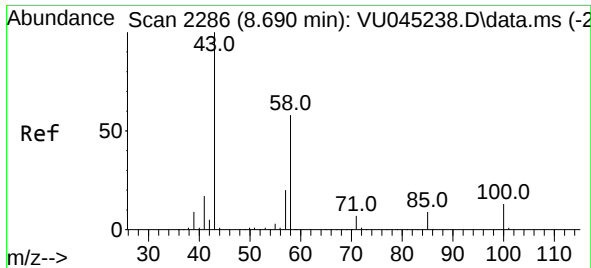
Tgt Ion:	97	Resp:	134821
Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.7	81.1
83	86.4	61.9	115.1
85	57.0	40.7	75.5



#46
Tetrachloroethene
Concen: 51.678 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU045267.D
Acq: 09 Oct 2021 16:58

Tgt Ion:	164	Resp:	88216
Ion	Ratio	Lower	Upper
164	100		
129	97.1	69.8	129.6
131	94.2	66.4	123.2
166	124.6	91.1	169.3



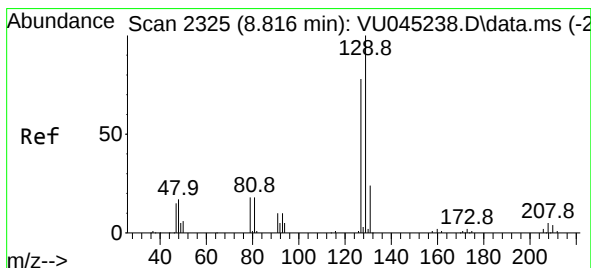
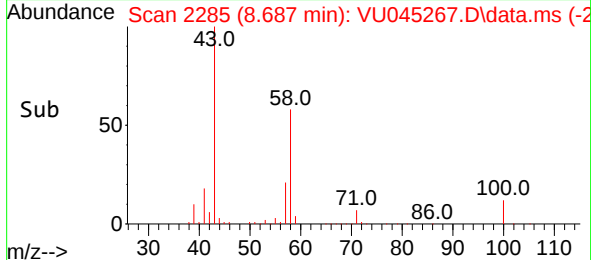
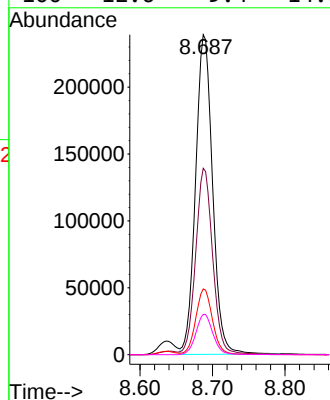
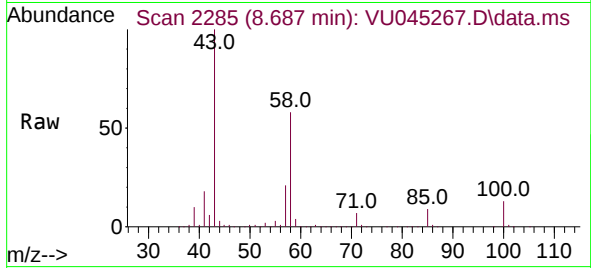


#48
2-Hexanone
Concen: 97.157 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. -0.003 min
Lab File: VU045267.D
Acq: 09 Oct 2021 16:58

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 43 Resp: 389631

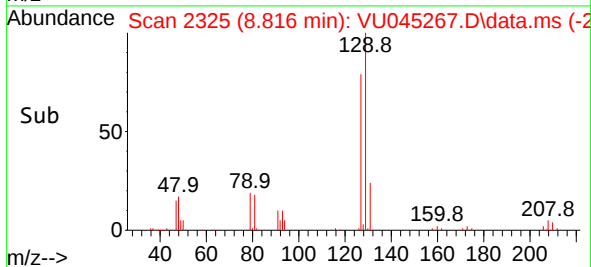
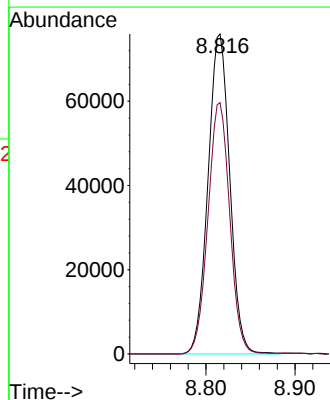
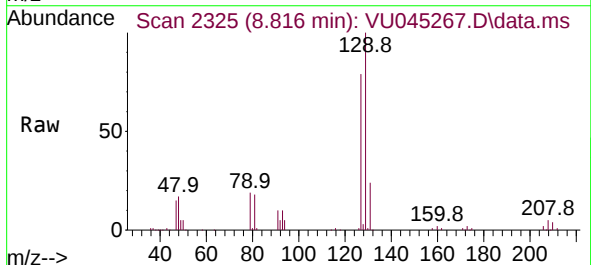
Ion	Ratio	Lower	Upper
43	100		
58	57.8	44.9	67.3
57	20.2	15.5	23.3
100	12.6	9.4	14.0

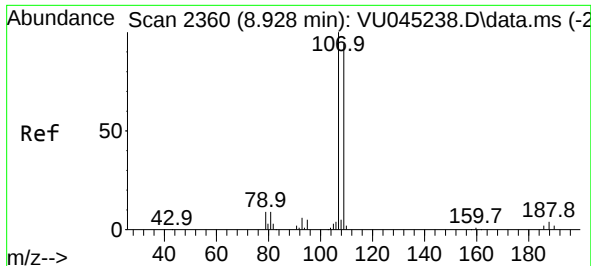


#49
Dibromochloromethane
Concen: 53.037 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VU045267.D
Acq: 09 Oct 2021 16:58

Tgt Ion: 129 Resp: 128692

Ion	Ratio	Lower	Upper
129	100		
127	78.5	54.3	100.8





#50

1,2-Dibromoethane

Concen: 54.220 ug/L

RT: 8.928 min Scan# 2360

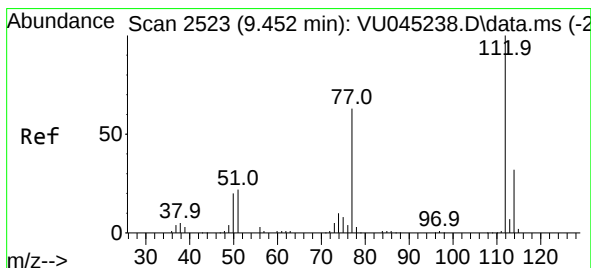
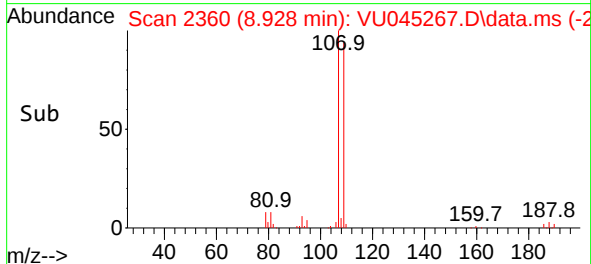
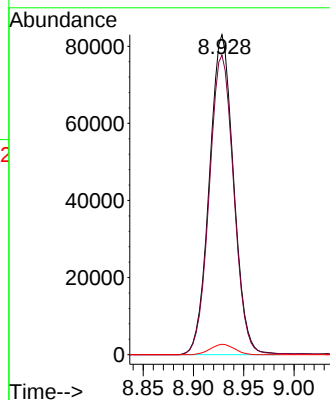
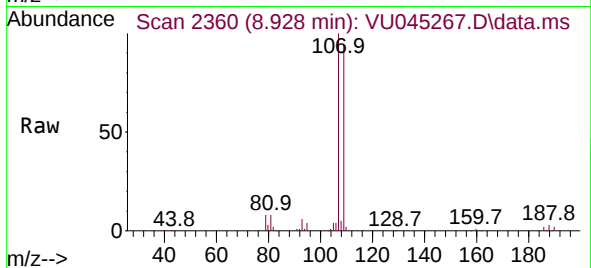
Delta R.T. 0.000 min

Lab File: VU045267.D

Acq: 09 Oct 2021 16:58

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:	107	Resp:	139278
Ion	Ratio	Lower	Upper
107	100		
109	93.6	65.5	121.6
188	3.3	2.6	3.8



#51

Chlorobenzene

Concen: 54.081 ug/L

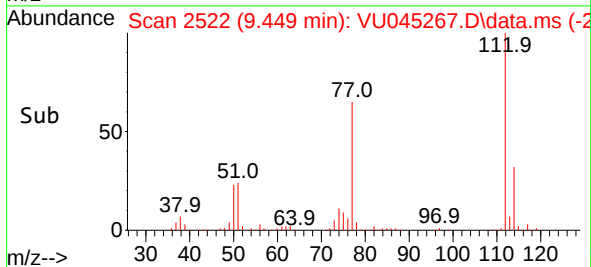
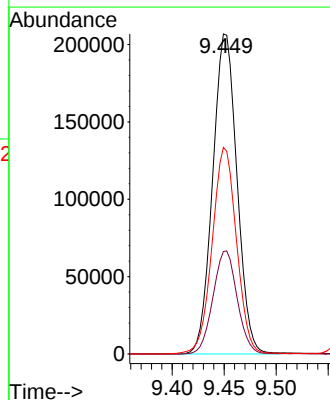
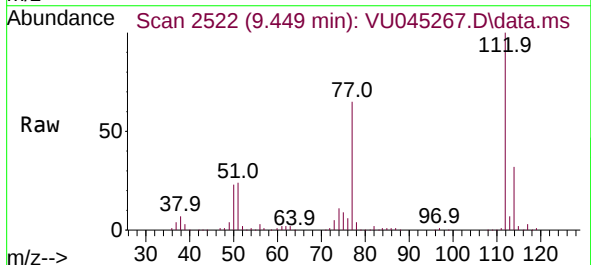
RT: 9.449 min Scan# 2522

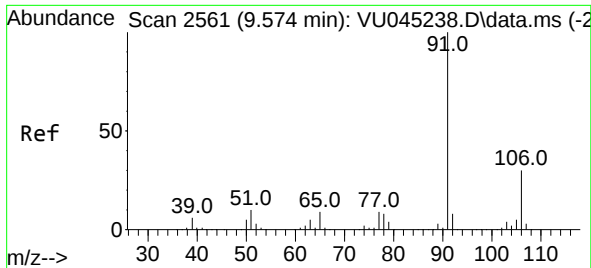
Delta R.T. -0.003 min

Lab File: VU045267.D

Acq: 09 Oct 2021 16:58

Tgt Ion:	112	Resp:	337302
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.5	41.9
77	64.5	50.6	75.8

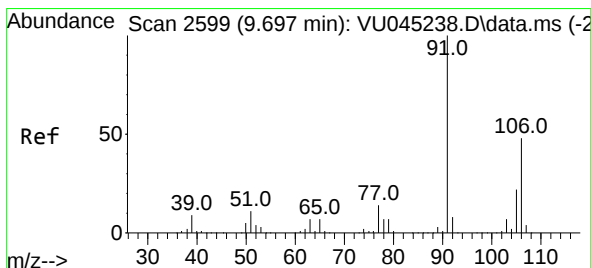
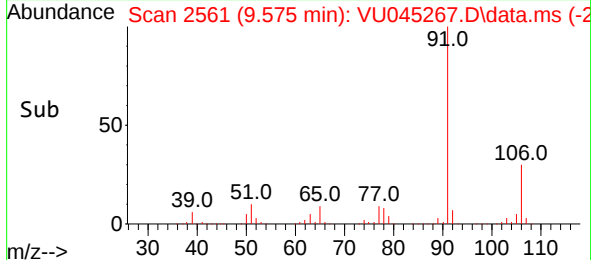
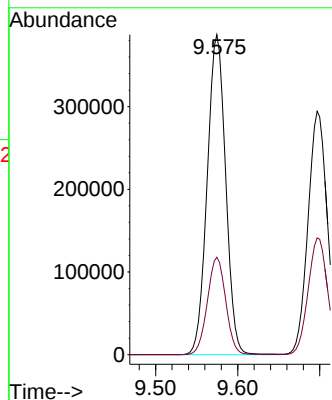
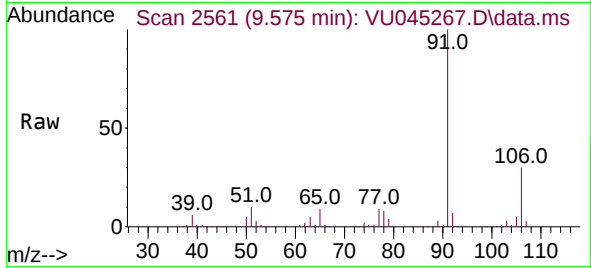




#52
Ethylbenzene
Concen: 56.747 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU045267.D
Acq: 09 Oct 2021 16:58

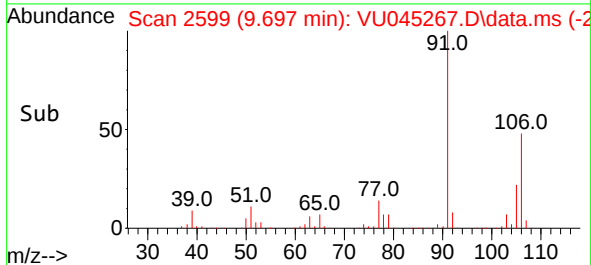
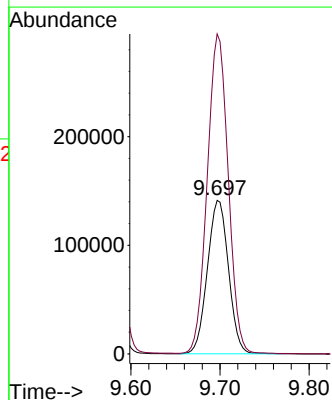
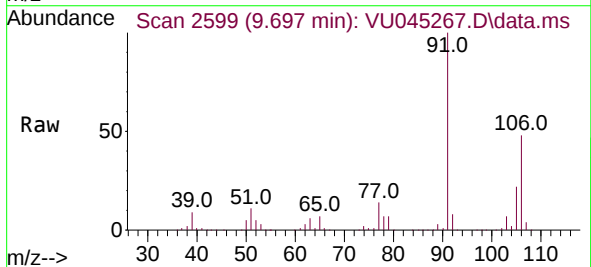
Instrument :
MSVOA_U
ClientSampled :

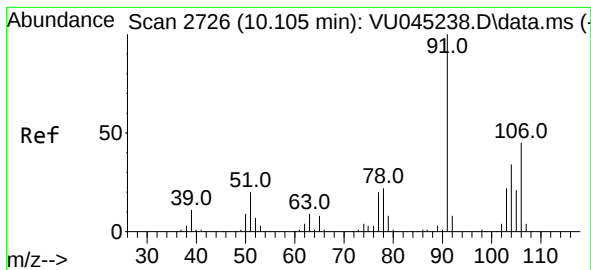
Tgt Ion: 91 Resp: 605639
Ion Ratio Lower Upper
91 100
106 30.5 21.2 39.4



#53
m,p-Xylene
Concen: 57.394 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045267.D
Acq: 09 Oct 2021 16:58

Tgt Ion: 106 Resp: 232045
Ion Ratio Lower Upper
106 100
91 208.3 146.7 272.4

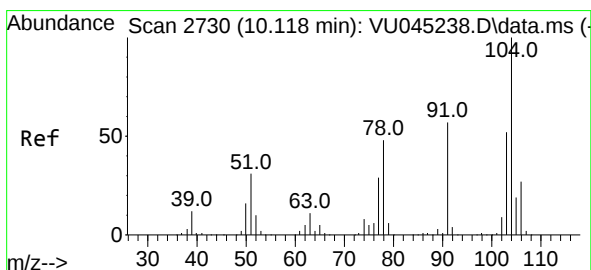
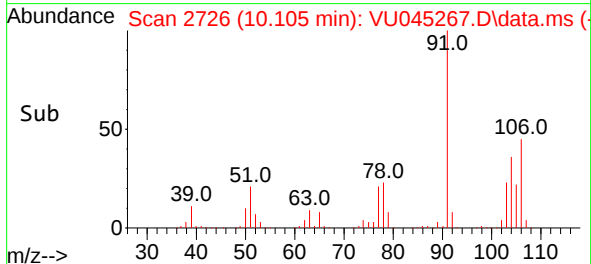
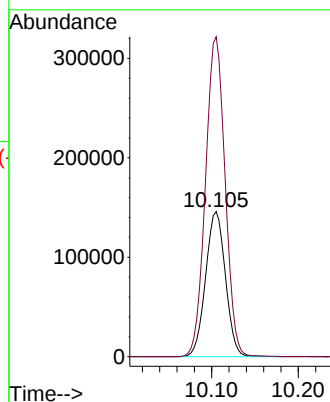
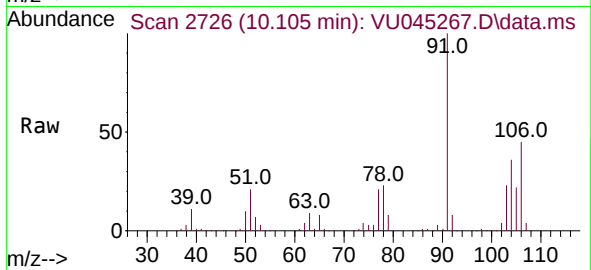




#54
o-xylene
Concen: 58.431 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU045267.D
Acq: 09 Oct 2021 16:58

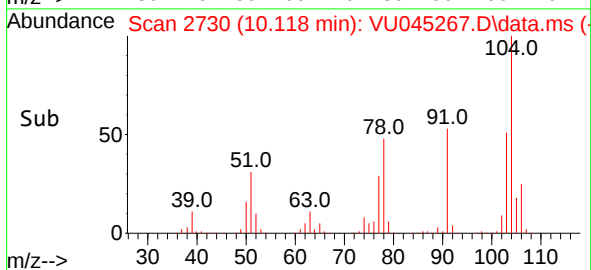
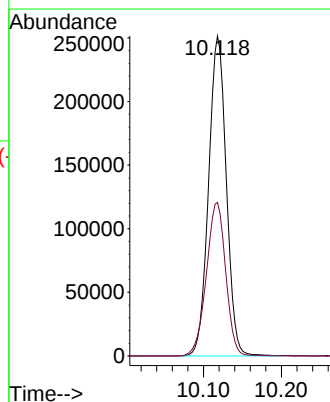
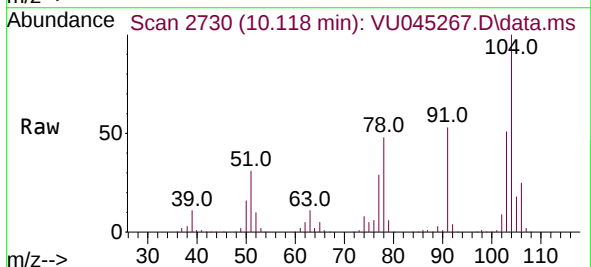
Instrument :
MSVOA_U
ClientSampled :

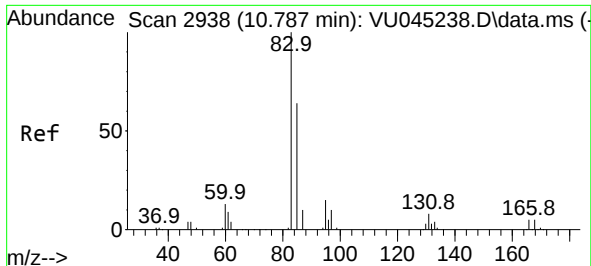
Tgt Ion:106 Resp: 232143
Ion Ratio Lower Upper
106 100
91 220.4 152.9 283.9



#55
Styrene
Concen: 58.215 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU045267.D
Acq: 09 Oct 2021 16:58

Tgt Ion:104 Resp: 397738
Ion Ratio Lower Upper
104 100
78 48.0 33.3 61.9

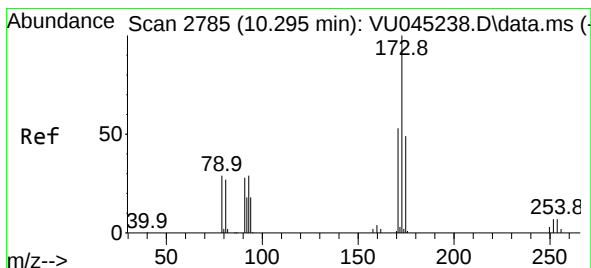
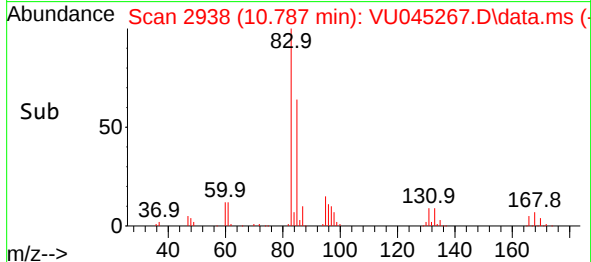
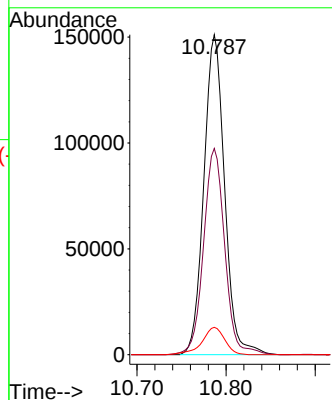
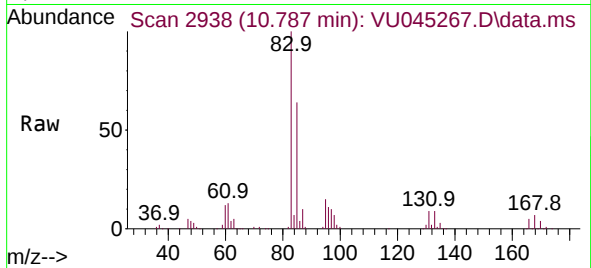




#57
1,1,2,2-Tetrachloroethane
Concen: 51.957 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU045267.D
Acq: 09 Oct 2021 16:58

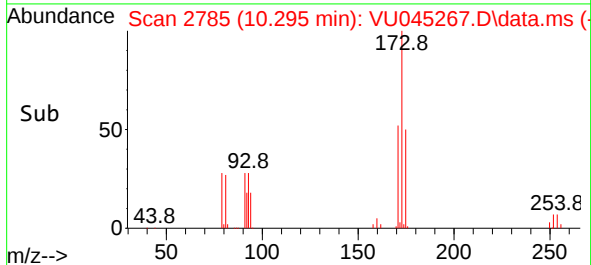
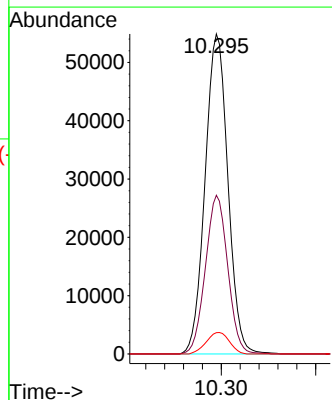
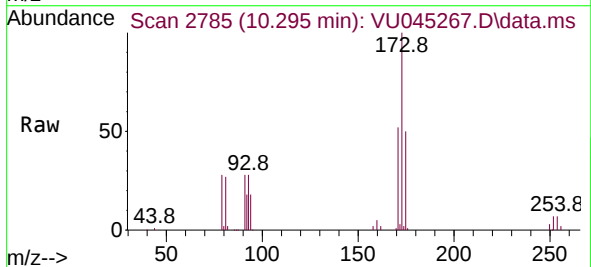
Instrument :
MSVOA_U
ClientSampleId :

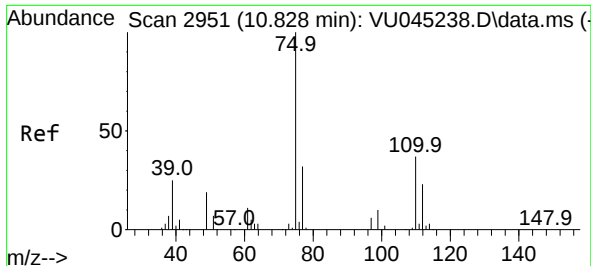
Tgt Ion:	83	Resp:	244075
Ion Ratio	Lower	Upper	
83	100		
85	64.5	45.1	83.7
131	8.5	6.9	10.3



#59
Bromoform
Concen: 55.029 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.000 min
Lab File: VU045267.D
Acq: 09 Oct 2021 16:58

Tgt Ion:	173	Resp:	91891
Ion Ratio	Lower	Upper	
173	100		
175	48.6	38.4	57.6
254	6.8	5.3	7.9

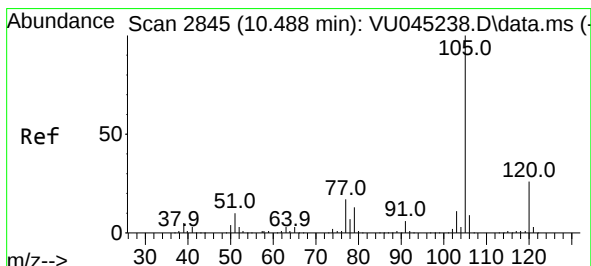
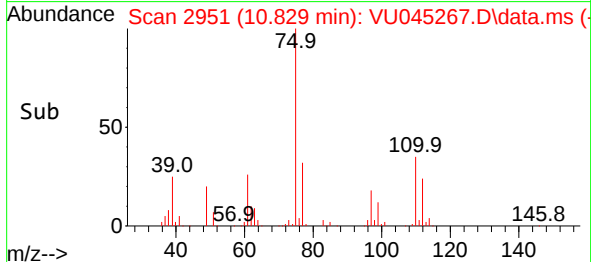
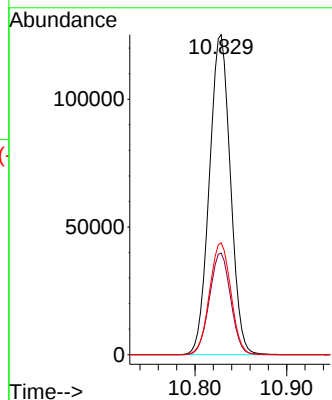
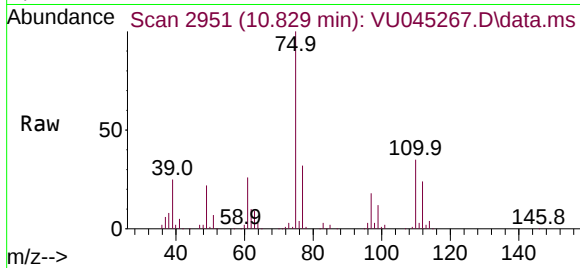




#60
1,2,3-Trichloropropane
Concen: 53.563 ug/L
RT: 10.829 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU045267.D
Acq: 09 Oct 2021 16:58

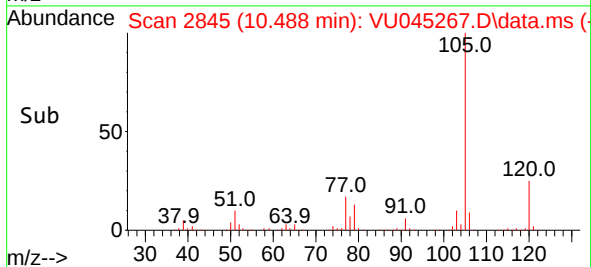
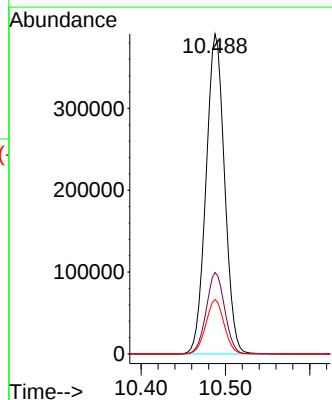
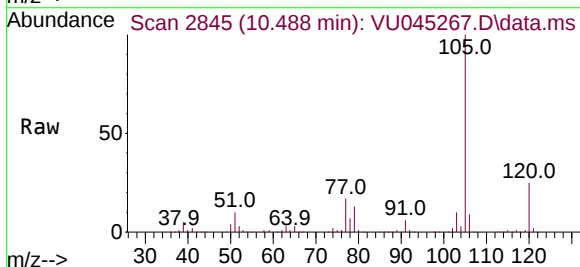
Instrument :
MSVOA_U
ClientSampled :

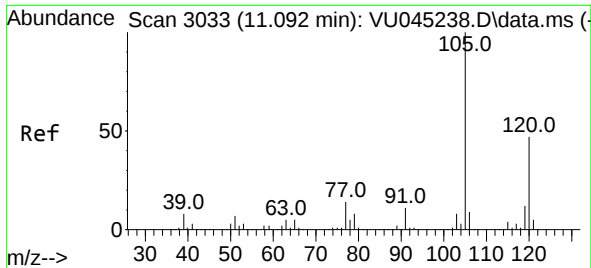
Tgt Ion: 75 Resp: 199469
Ion Ratio Lower Upper
75 100
77 32.0 25.5 38.3
110 35.4 29.0 43.4



#61
Isopropylbenzene
Concen: 60.766 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045267.D
Acq: 09 Oct 2021 16:58

Tgt Ion: 105 Resp: 598772
Ion Ratio Lower Upper
105 100
120 25.4 20.5 30.7
77 16.8 13.5 20.3

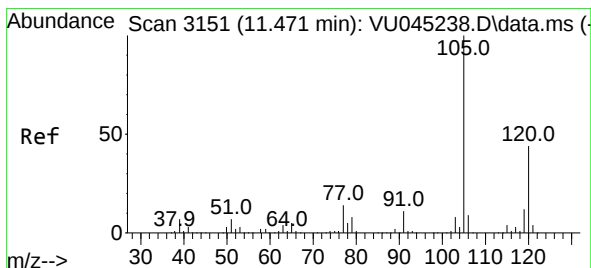
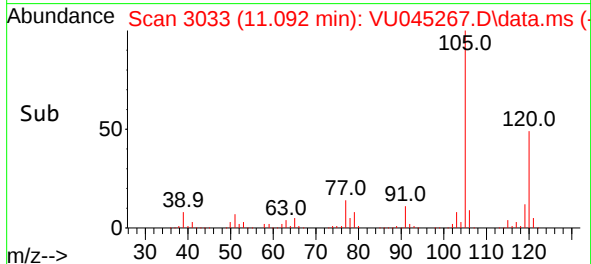
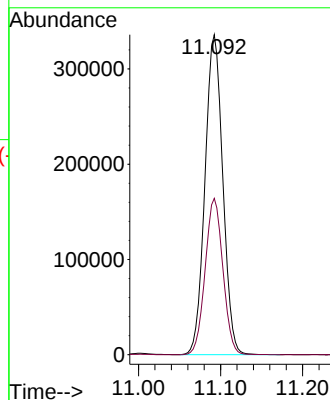
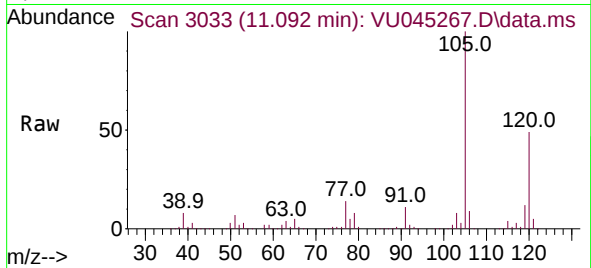




#62
1,3,5-Trimethylbenzene
Concen: 61.621 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU045267.D
Acq: 09 Oct 2021 16:58

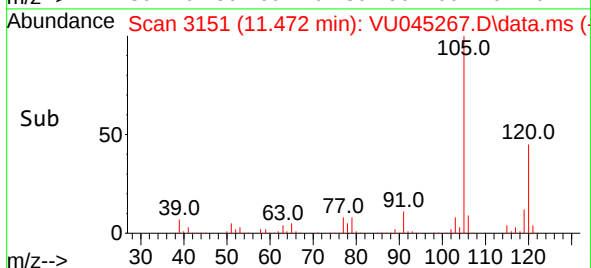
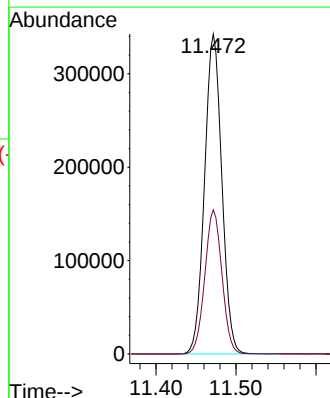
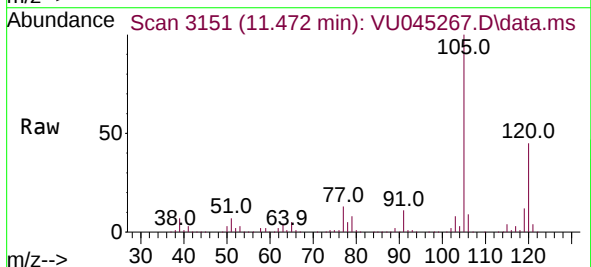
Instrument :
MSVOA_U
ClientSampleId :

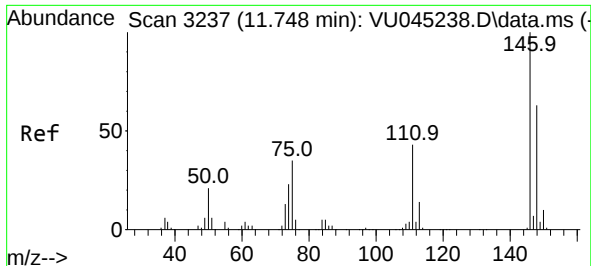
Tgt Ion:105 Resp: 507094
Ion Ratio Lower Upper
105 100
120 48.5 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 61.183 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU045267.D
Acq: 09 Oct 2021 16:58

Tgt Ion:105 Resp: 515583
Ion Ratio Lower Upper
105 100
120 44.6 35.7 53.5

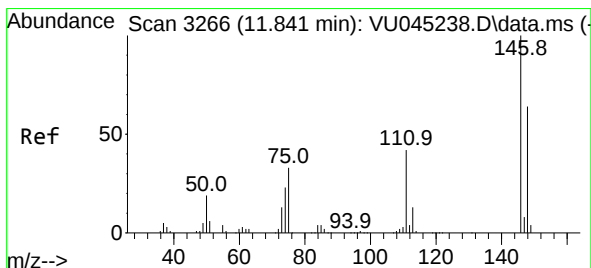
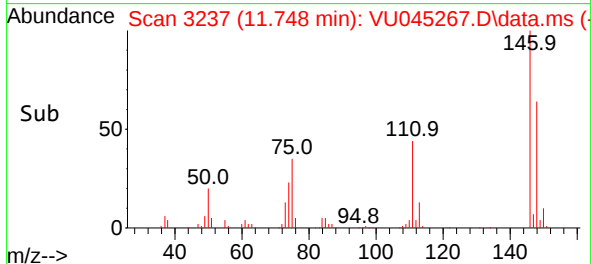
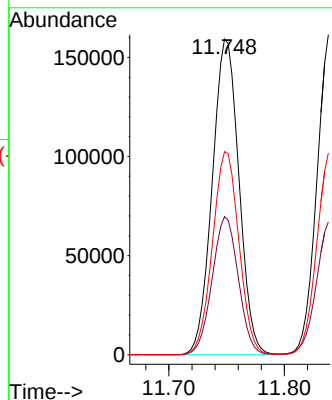
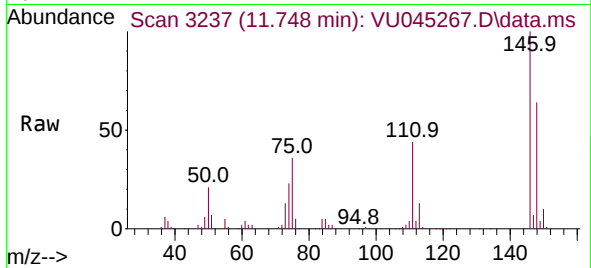




#64
1,3-Dichlorobenzene
Concen: 56.096 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU045267.D
Acq: 09 Oct 2021 16:58

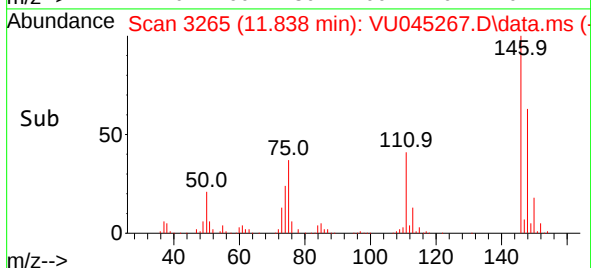
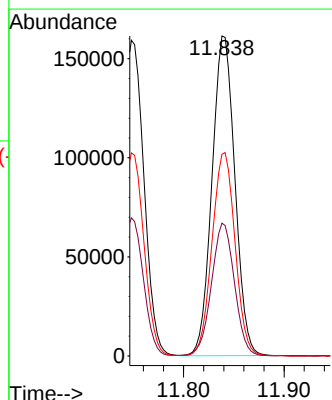
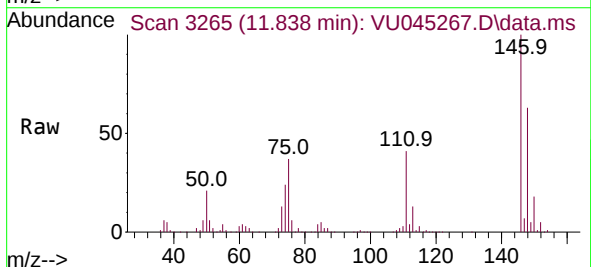
Instrument :
MSVOA_U
ClientSampleId :

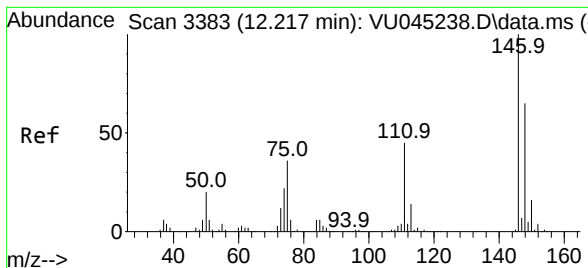
Tgt Ion:146 Resp: 255448
Ion Ratio Lower Upper
146 100
111 43.7 29.0 53.8
148 64.3 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 54.622 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.003 min
Lab File: VU045267.D
Acq: 09 Oct 2021 16:58

Tgt Ion:146 Resp: 255202
Ion Ratio Lower Upper
146 100
111 41.5 28.5 52.9
148 63.1 45.5 84.5

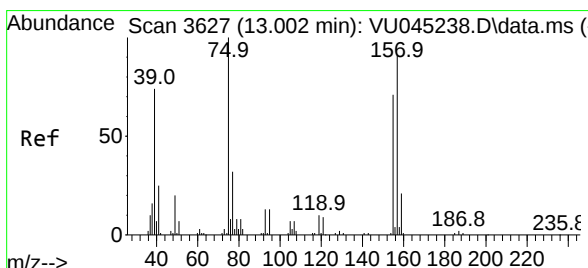
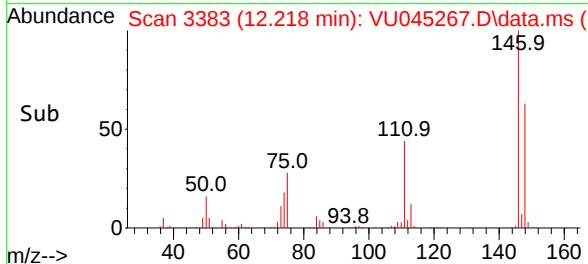
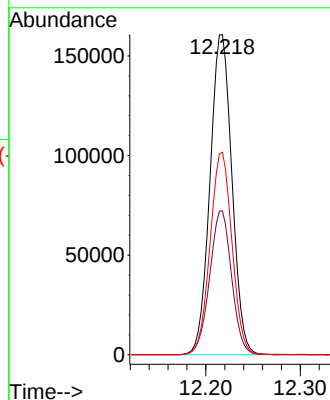
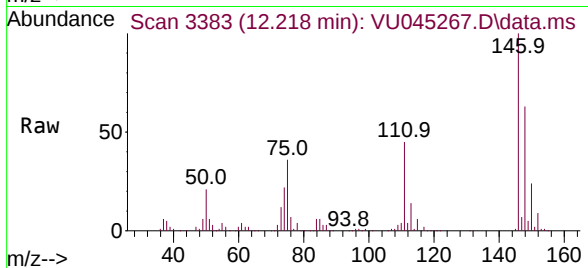




#67
1,2-Dichlorobenzene
Concen: 55.302 ug/L
RT: 12.218 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU045267.D
Acq: 09 Oct 2021 16:58

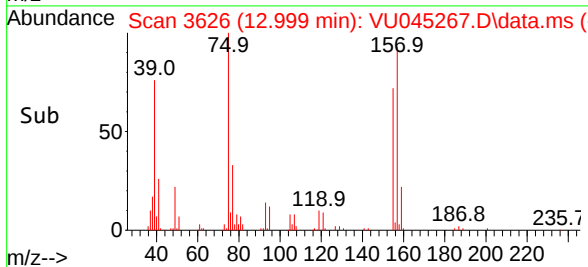
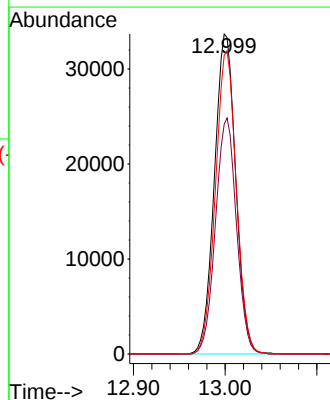
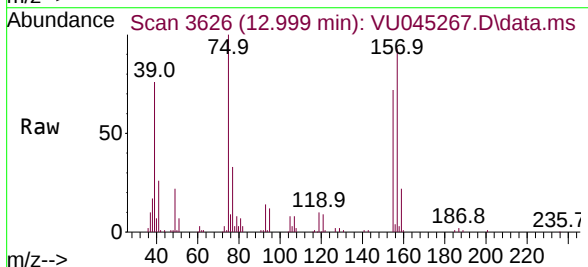
Instrument :
MSVOA_U
ClientSampleId :

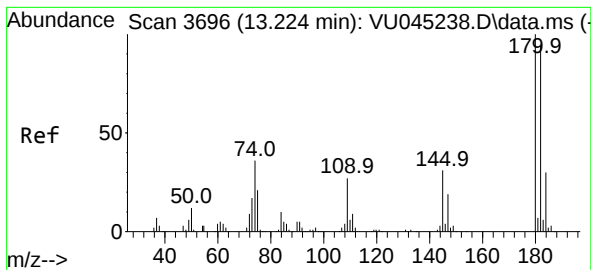
Tgt Ion:146 Resp: 258528
Ion Ratio Lower Upper
146 100
111 45.0 34.7 52.1
148 63.2 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 50.822 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. -0.003 min
Lab File: VU045267.D
Acq: 09 Oct 2021 16:58

Tgt Ion: 75 Resp: 54389
Ion Ratio Lower Upper
75 100
155 71.8 58.5 87.7
157 96.5 77.7 116.5



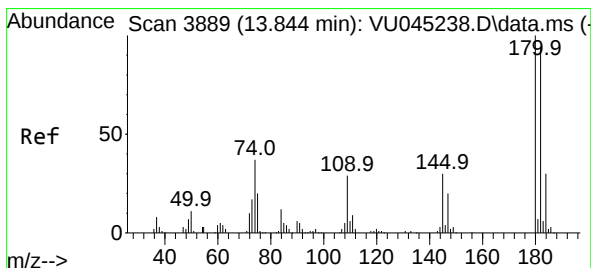
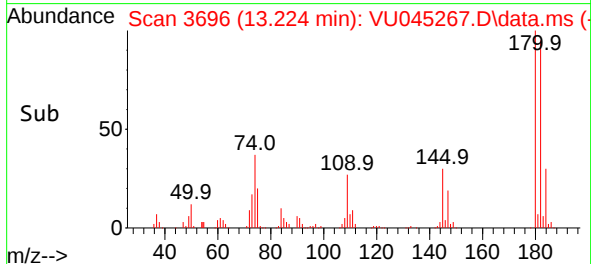
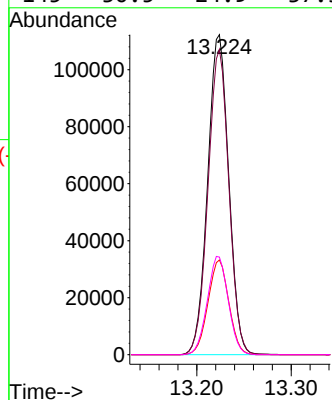
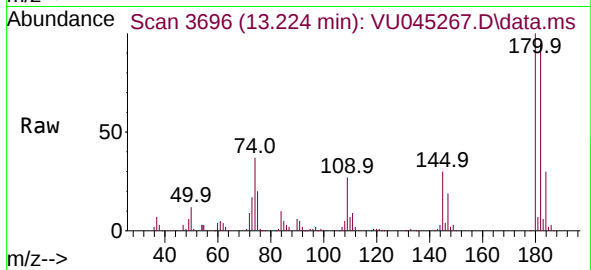


#69
 1,3,5-Trichlorobenzene
 Concen: 54.964 ug/L
 RT: 13.224 min Scan# 3696
 Delta R.T. 0.000 min
 Lab File: VU045267.D
 Acq: 09 Oct 2021 16:58

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:180 Resp: 173700

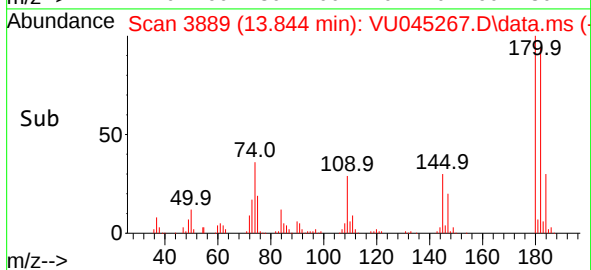
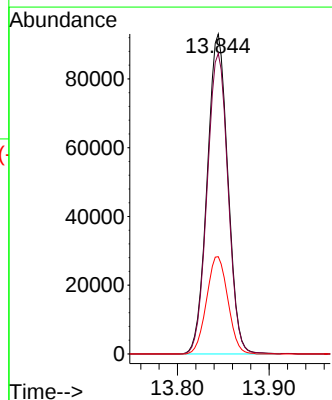
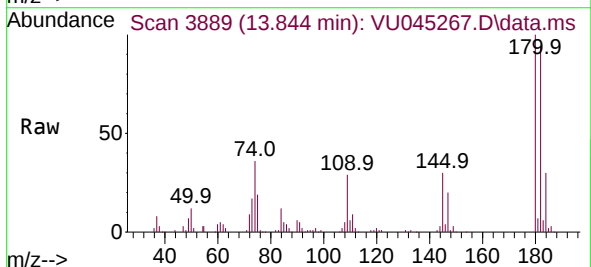
Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.8	115.2
184	29.3	24.4	36.6
145	30.5	24.9	37.3

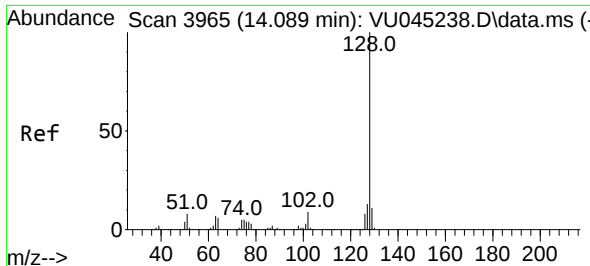


#70
 1,2,4-trichlorobenzene
 Concen: 55.638 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.000 min
 Lab File: VU045267.D
 Acq: 09 Oct 2021 16:58

Tgt Ion:180 Resp: 146112

Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.2	114.2
145	31.3	25.4	38.0

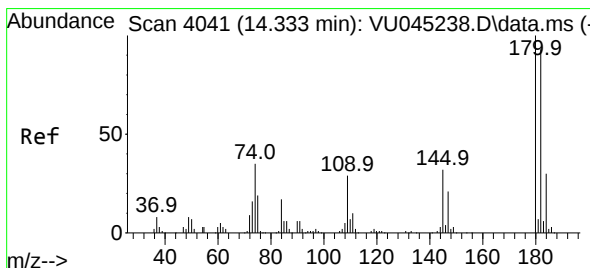
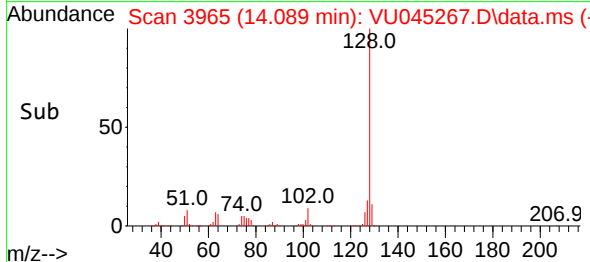
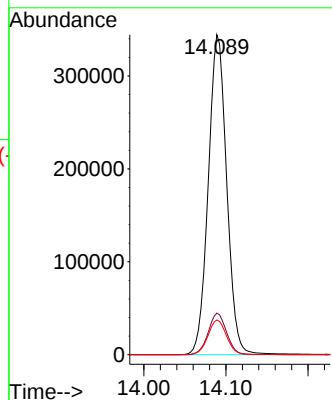
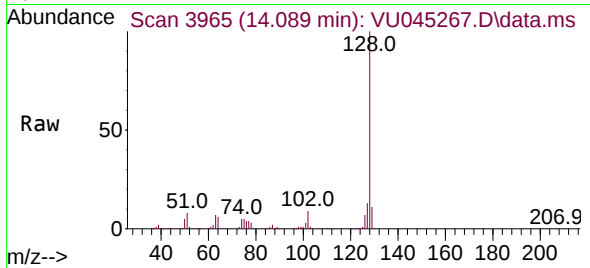




#71
Naphthalene
Concen: 59.081 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU045267.D
Acq: 09 Oct 2021 16:58

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 537659
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.9 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 55.016 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU045267.D
Acq: 09 Oct 2021 16:58

Tgt Ion:180 Resp: 147824
Ion Ratio Lower Upper
180 100
182 94.2 76.8 115.2
145 33.3 26.5 39.7

