

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101221\
 Data File : VU045283.D
 Acq On : 12 Oct 2021 11:11
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 13 02:46:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 12 05:50:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	270479	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	267462	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	135048	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	125244	42.298	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.600%
7) Chloroethane-d5	1.893	69	102999	43.897	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.565	63	216411	43.522	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.040%
21) 2-Butanone-d5	4.626	46	204668	87.433	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.430%
24) Chloroform-d	5.067	84	217970	46.610	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.220%
26) 1,2-Dichloroethane-d4	5.706	65	144597	45.647	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.300%
32) Benzene-d6	5.732	84	436166	46.996	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.697	67	140779	46.520	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.040%
41) Toluene-d8	7.902	98	391578	48.891	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.780%
43) trans-1,3-Dichloroprop...	8.185	79	68062	50.561	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.120%
47) 2-Hexanone-d5	8.639	63	149983	89.434	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.430%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	223170	47.359	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.720%
66) 1,2-Dichlorobenzene-d4	12.198	152	144971	49.326	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	117212	45.258	ug/L	98
3) Chloromethane	1.523	50	131866	40.849	ug/L	99
5) Vinyl chloride	1.604	62	147590	46.666	ug/L	99
6) Bromomethane	1.832	94	72555	47.830	ug/L	99
8) Chloroethane	1.916	64	90569	45.627	ug/L	99
9) Trichlorofluoromethane	2.128	101	172689	47.706	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	109115	47.757	ug/L	99
12) 1,1-Dichloroethene	2.578	96	103046	49.197	ug/L	83
13) Acetone	2.633	43	215142	79.508	ug/L	98
14) Carbon disulfide	2.790	76	300292	44.751	ug/L	99
15) Methyl Acetate	2.951	43	147980	44.343	ug/L	97
16) Methylene chloride	3.047	84	127367	47.998	ug/L	96
17) trans-1,2-Dichloroethene	3.353	96	107674	48.800	ug/L	99
18) Methyl tert-butyl Ether	3.369	73	387871	53.312	ug/L	99
19) 1,1-Dichloroethane	3.874	63	222147	48.395	ug/L	100
20) cis-1,2-Dichloroethene	4.671	96	126154	51.887	ug/L	93
22) 2-Butanone	4.706	43	256681	84.755	ug/L	98
23) Bromochloromethane	4.980	128	60914	49.422	ug/L	93
25) Chloroform	5.092	83	222477	48.753	ug/L	100

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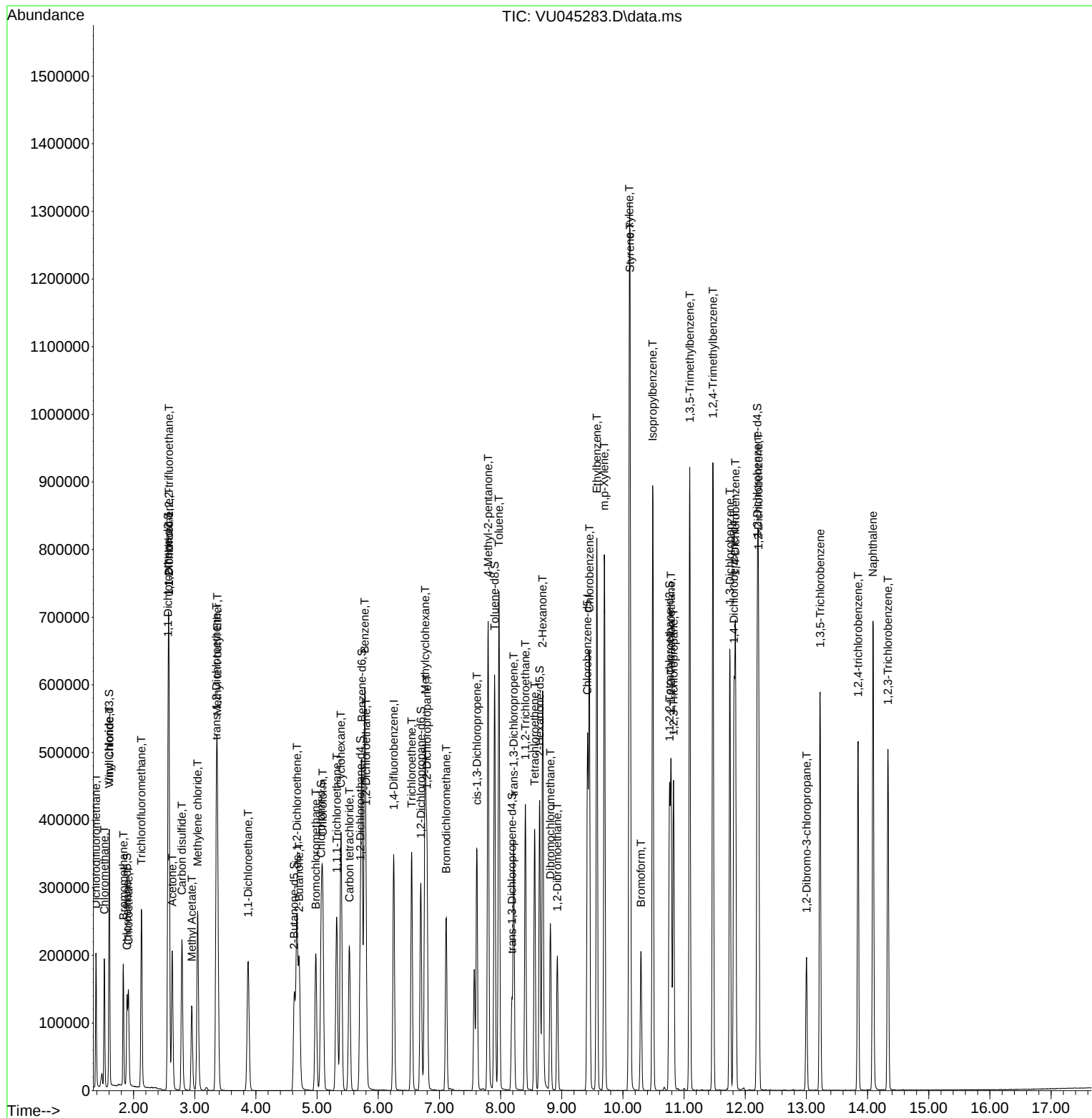
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	186959	48.984	ug/L	100
29) Cyclohexane	5.391	56	195526	48.634	ug/L	98
30) 1,1,1-Trichloroethane	5.321	97	180930	48.868	ug/L	98
31) Carbon tetrachloride	5.526	117	140862	48.170	ug/L	98
33) Benzene	5.777	78	491052	49.501	ug/L	100
34) Trichloroethene	6.546	95	120431	50.544	ug/L	99
35) Methylcyclohexane	6.767	83	196181	49.179	ug/L	98
37) 1,2-Dichloropropane	6.796	63	130741	48.406	ug/L	99
38) Bromodichloromethane	7.112	83	167093	50.470	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	202552	52.412	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	432590	95.879	ug/L	97
42) Toluene	7.973	91	519634	51.555	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	193861	52.755	ug/L	100
45) 1,1,2-Trichloroethane	8.404	97	125859	51.419	ug/L	99
46) Tetrachloroethene	8.558	164	83371	48.953	ug/L	97
48) 2-Hexanone	8.687	43	363475	90.846	ug/L	96
49) Dibromochloromethane	8.816	129	122235	50.494	ug/L	99
50) 1,2-Dibromoethane	8.928	107	131596	51.349	ug/L	100
51) Chlorobenzene	9.452	112	315485	50.701	ug/L	100
52) Ethylbenzene	9.574	91	564403	53.007	ug/L	100
53) m,p-Xylene	9.697	106	217806	53.998	ug/L	99
54) o-xylene	10.105	106	216368	54.588	ug/L	100
55) Styrene	10.118	104	376047	55.168	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	232739	49.659	ug/L	100
59) Bromoform	10.295	173	87170	52.045	ug/L	100
60) 1,2,3-Trichloropropane	10.828	75	186343	49.889	ug/L	99
61) Isopropylbenzene	10.488	105	560675	56.729	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	480882	58.261	ug/L	100
63) 1,2,4-Trimethylbenzene	11.471	105	488165	57.756	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	244211	53.467	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	245017	52.285	ug/L	98
67) 1,2-Dichlorobenzene	12.217	146	246634	52.600	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	51542	48.017	ug/L	97
69) 1,3,5-Trichlorobenzene	13.224	180	168452	53.143	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	141578	53.749	ug/L	100
71) Naphthalene	14.089	128	522388	57.231	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	144448	53.599	ug/L	99

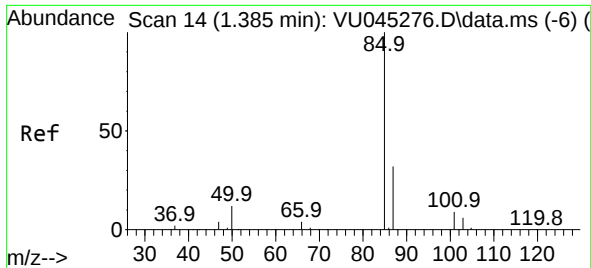
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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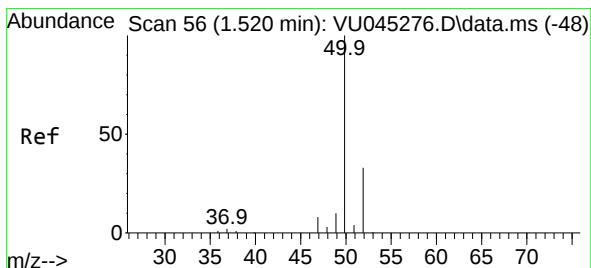
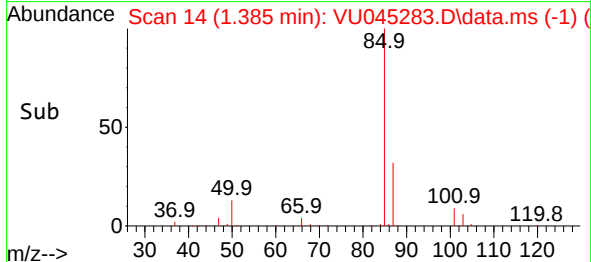
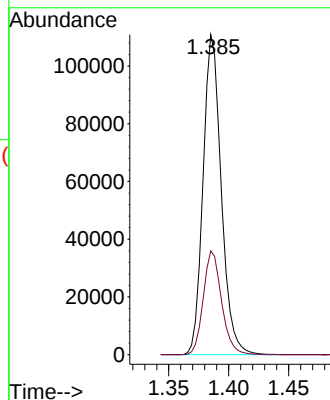
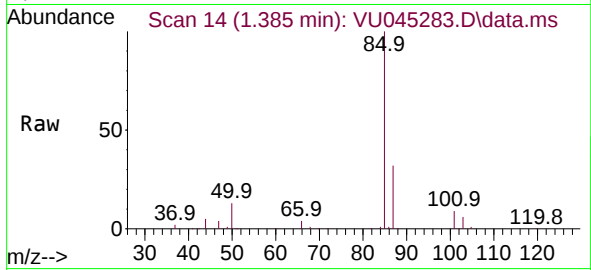




#2
Dichlorodifluoromethane
Concen: 45.258 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU045283.D
Acq: 12 Oct 2021 11:11

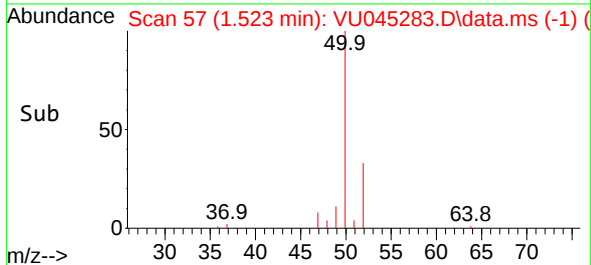
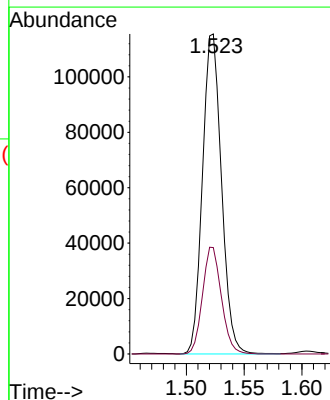
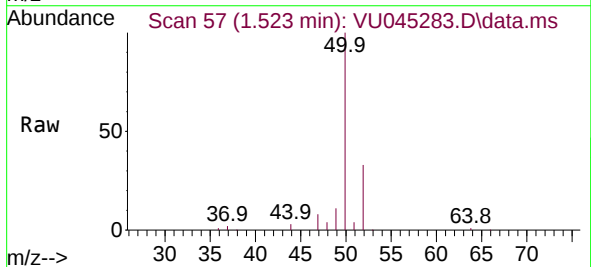
Instrument :
MSVOA_U
ClientSampled :

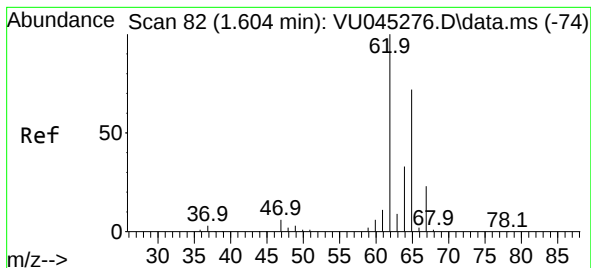
Tgt Ion: 85 Resp: 117212
Ion Ratio Lower Upper
85 100
87 32.6 25.2 37.8



#3
Chloromethane
Concen: 40.849 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU045283.D
Acq: 12 Oct 2021 11:11

Tgt Ion: 50 Resp: 131866
Ion Ratio Lower Upper
50 100
52 33.2 23.0 42.8





#5

Vinyl chloride

Concen: 46.666 ug/L

RT: 1.604 min Scan# 82

Delta R.T. -0.000 min

Lab File: VU045283.D

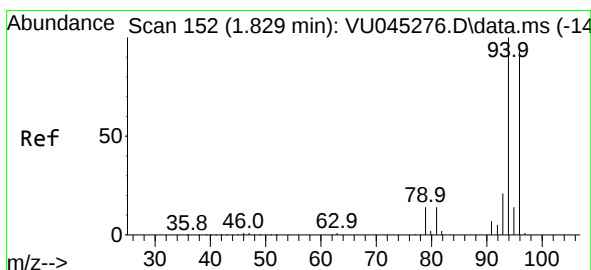
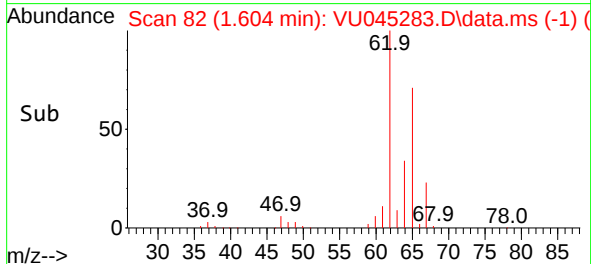
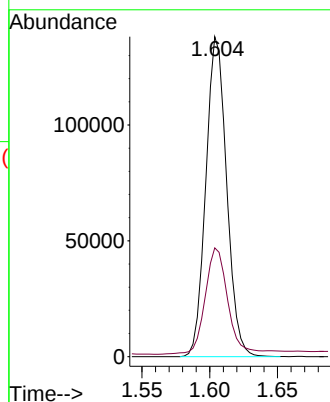
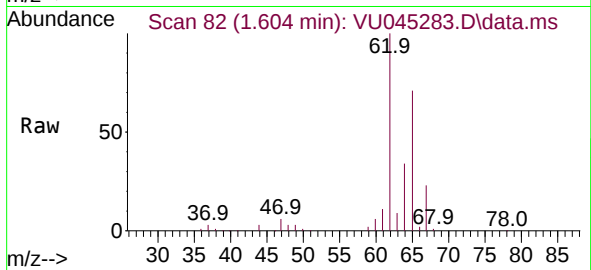
Acq: 12 Oct 2021 11:11

Tgt Ion: 62 Resp: 147590

Ion Ratio Lower Upper

62 100

64 34.0 23.4 43.6



#6

Bromomethane

Concen: 47.830 ug/L

RT: 1.832 min Scan# 153

Delta R.T. 0.003 min

Lab File: VU045283.D

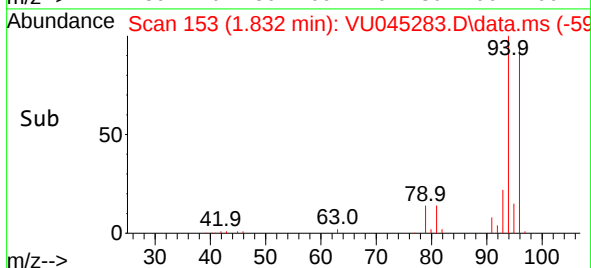
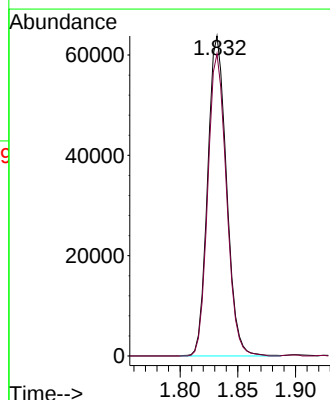
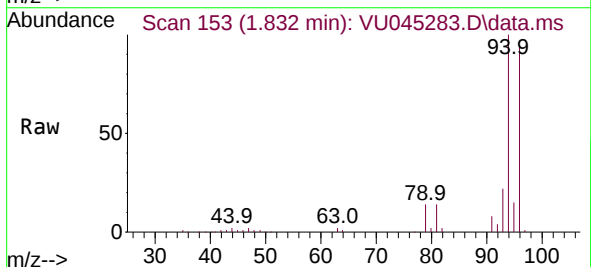
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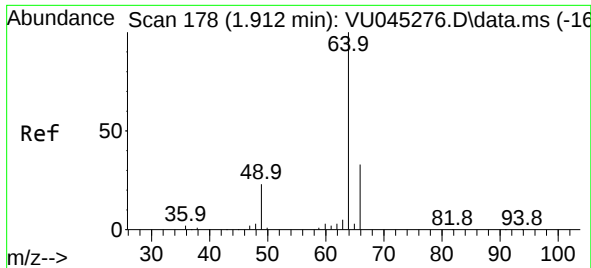
Tgt Ion: 94 Resp: 72555

Ion Ratio Lower Upper

94 100

96 94.4 65.7 121.9

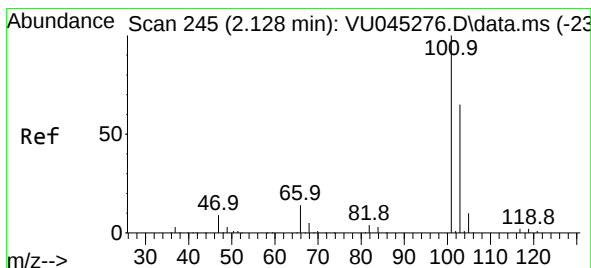
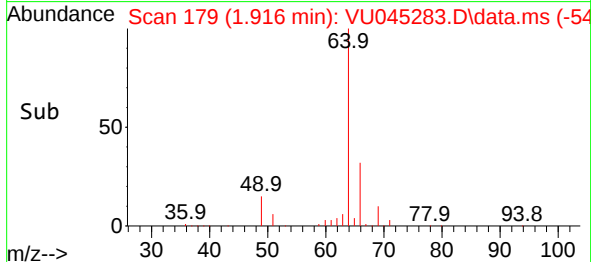
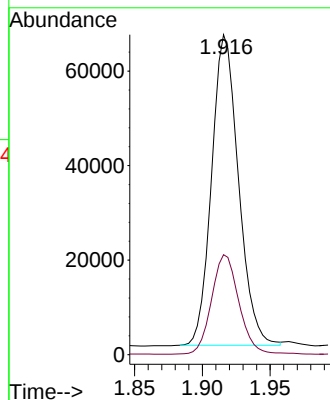
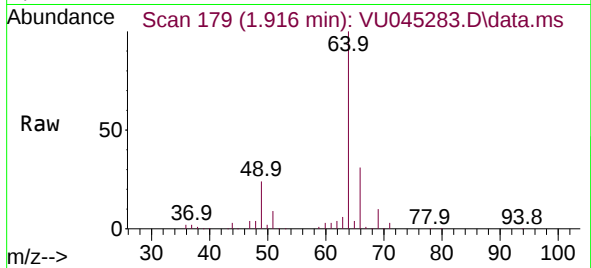




#8
Chloroethane
Concen: 45.627 ug/L
RT: 1.916 min Scan# 179
Delta R.T. 0.003 min
Lab File: VU045283.D
Acq: 12 Oct 2021 11:11

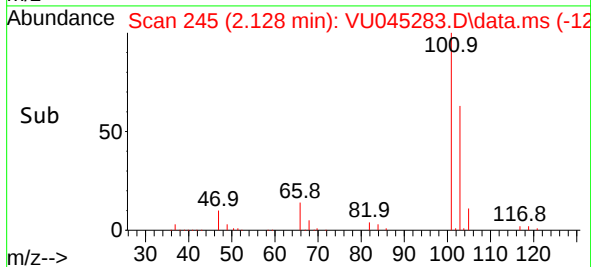
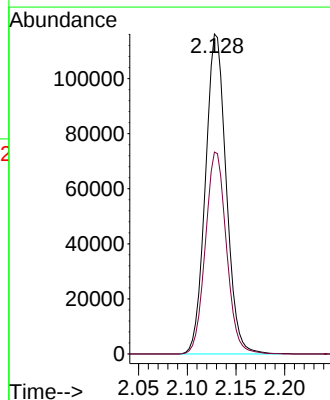
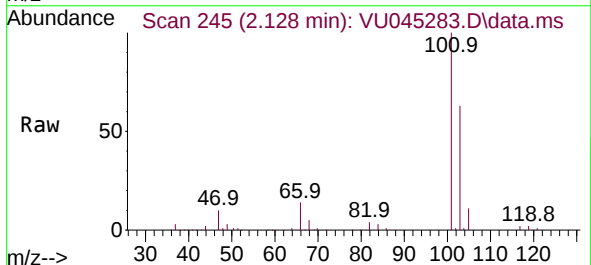
Instrument :
MSVOA_U
ClientSampled :

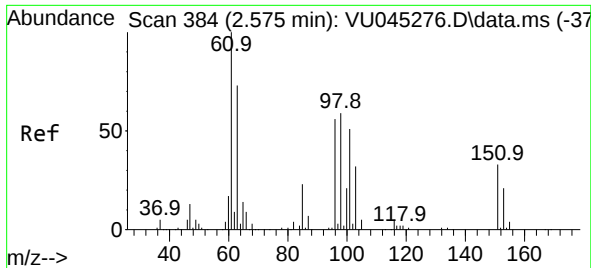
Tgt Ion: 64 Resp: 90569
Ion Ratio Lower Upper
64 100
66 31.3 22.3 41.3



#9
Trichlorofluoromethane
Concen: 47.706 ug/L
RT: 2.128 min Scan# 245
Delta R.T. -0.000 min
Lab File: VU045283.D
Acq: 12 Oct 2021 11:11

Tgt Ion:101 Resp: 172689
Ion Ratio Lower Upper
101 100
103 63.8 50.9 76.3

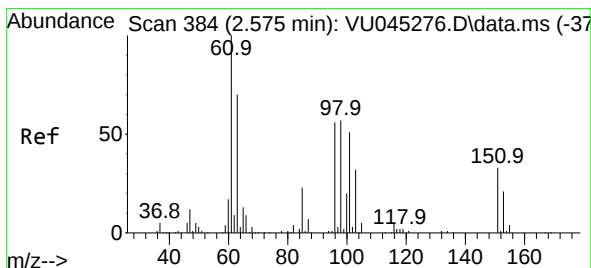
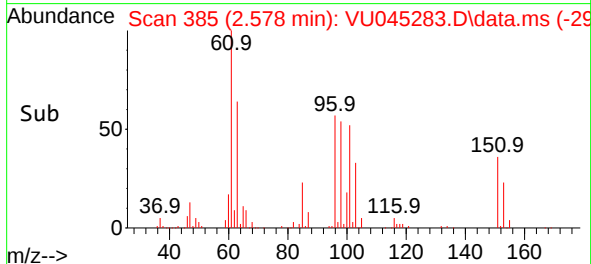
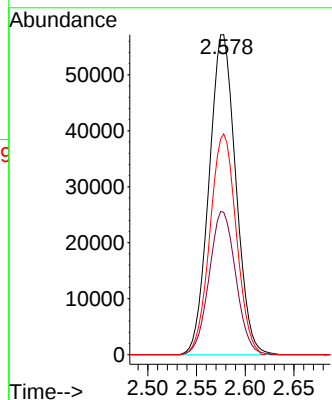
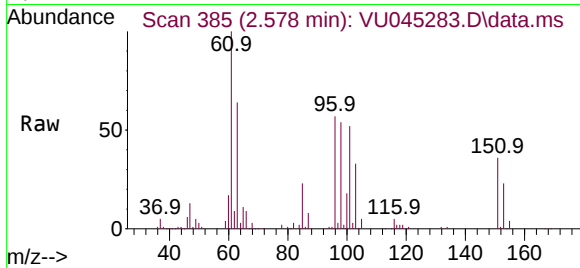




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 47.757 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.003 min
Lab File: VU045283.D
Acq: 12 Oct 2021 11:11

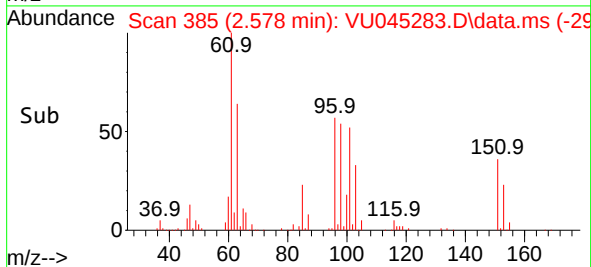
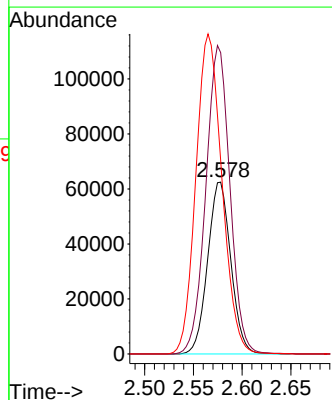
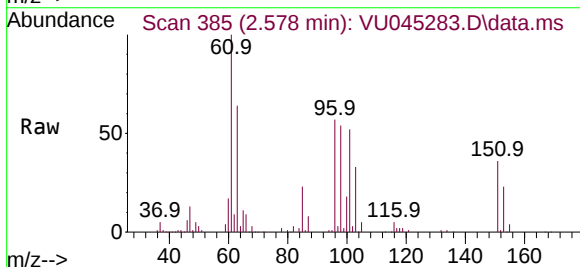
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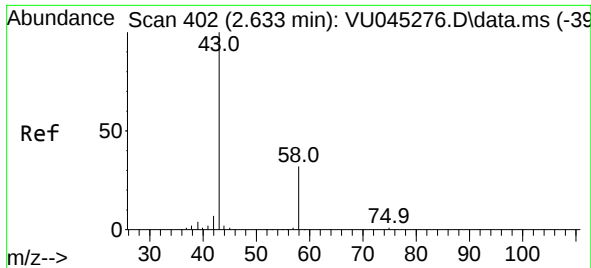
Tgt Ion:101 Resp: 109115
Ion Ratio Lower Upper
101 100
85 44.6 36.4 54.6
151 68.0 54.4 81.6



#12
1,1-Dichloroethene
Concen: 49.197 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.003 min
Lab File: VU045283.D
Acq: 12 Oct 2021 11:11

Tgt Ion: 96 Resp: 103046
Ion Ratio Lower Upper
96 100
61 175.3 131.3 243.9
63 112.6 102.5 190.3

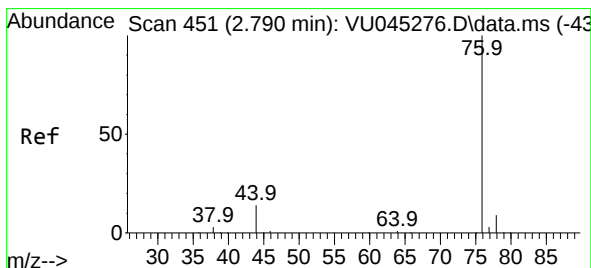
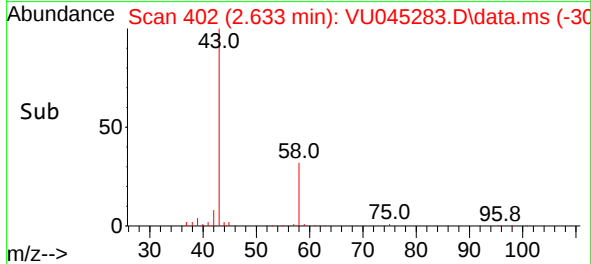
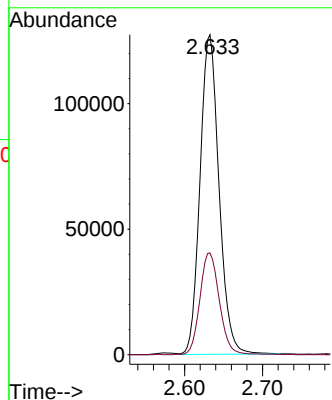
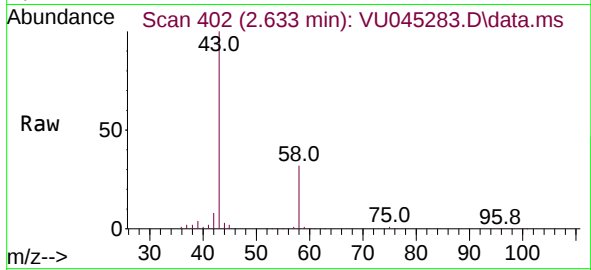




#13
Acetone
Concen: 79.508 ug/L
RT: 2.633 min Scan# 402
Delta R.T. -0.000 min
Lab File: VU045283.D
Acq: 12 Oct 2021 11:11

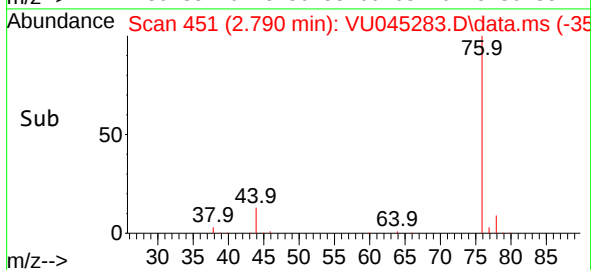
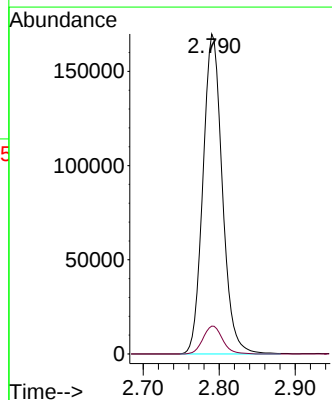
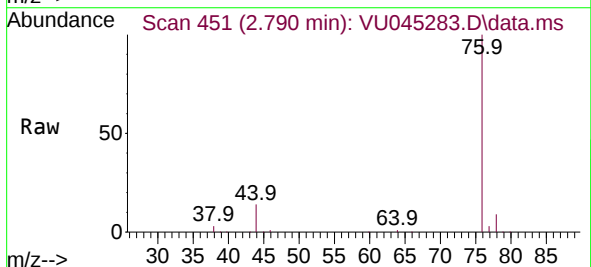
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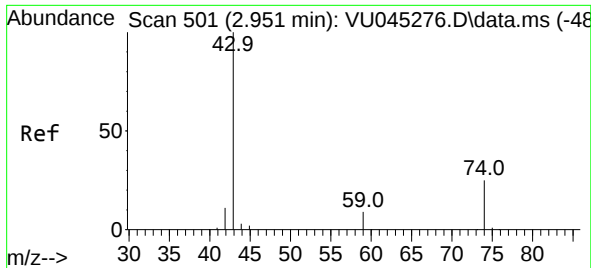
Tgt Ion: 43 Resp: 215142
Ion Ratio Lower Upper
43 100
58 32.2 0.0 62.8



#14
Carbon disulfide
Concen: 44.751 ug/L
RT: 2.790 min Scan# 451
Delta R.T. -0.000 min
Lab File: VU045283.D
Acq: 12 Oct 2021 11:11

Tgt Ion: 76 Resp: 300292
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9

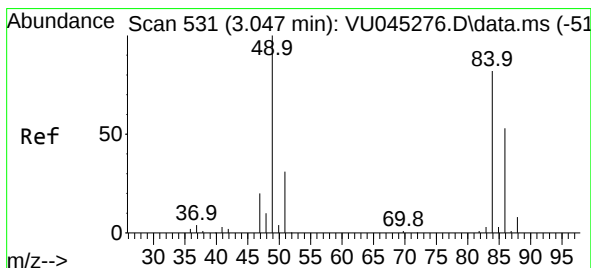
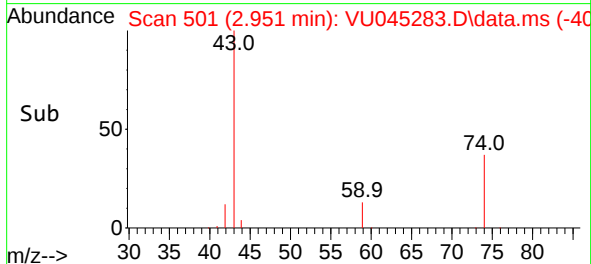
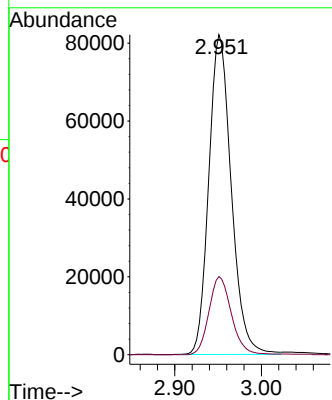
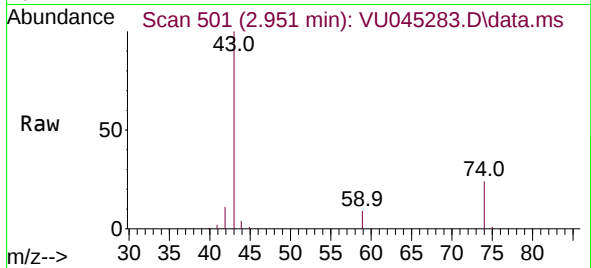




#15
Methyl Acetate
Concen: 44.343 ug/L
RT: 2.951 min Scan# 501
Delta R.T. -0.000 min
Lab File: VU045283.D
Acq: 12 Oct 2021 11:11

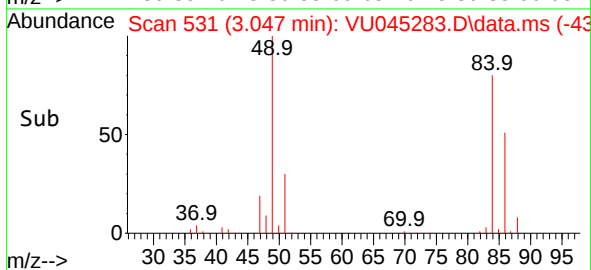
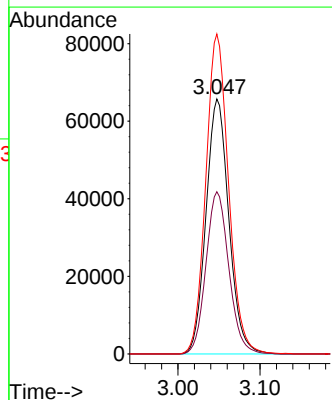
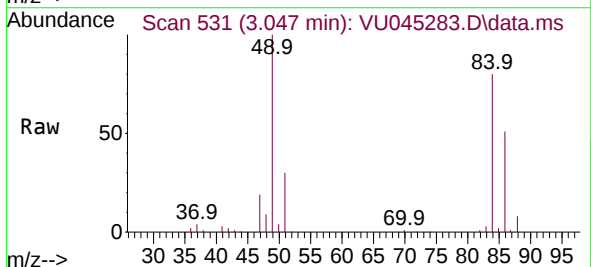
Instrument :
MSVOA_U
ClientSampled :

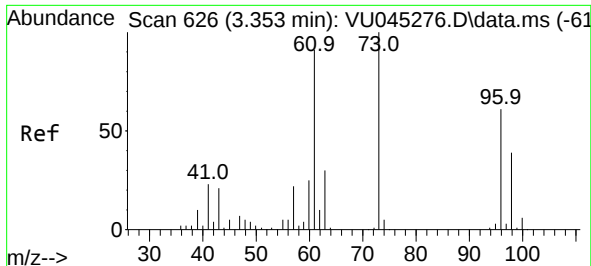
Tgt Ion: 43 Resp: 147980
Ion Ratio Lower Upper
43 100
74 24.4 18.4 27.6



#16
Methylene chloride
Concen: 47.998 ug/L
RT: 3.047 min Scan# 531
Delta R.T. -0.000 min
Lab File: VU045283.D
Acq: 12 Oct 2021 11:11

Tgt Ion: 84 Resp: 127367
Ion Ratio Lower Upper
84 100
86 63.6 44.7 83.1
49 125.5 92.9 172.5



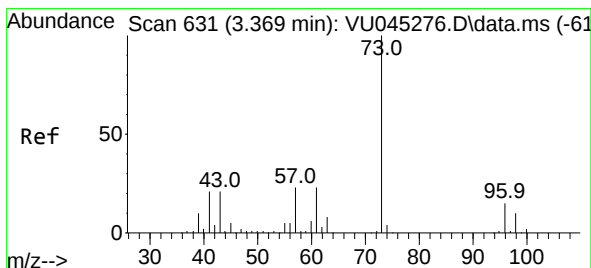
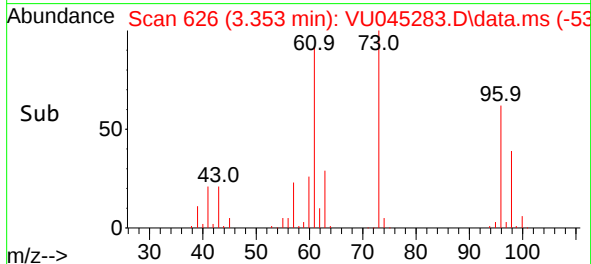
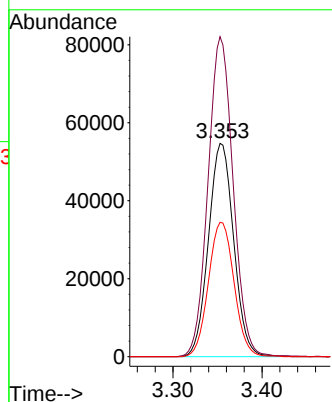
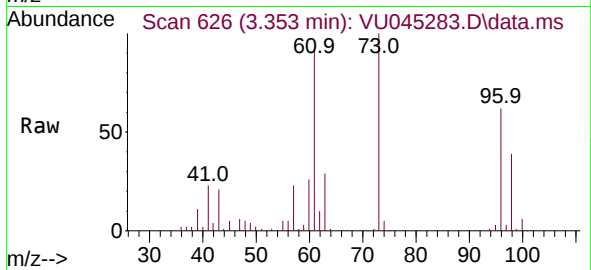


#17

trans-1,2-Dichloroethene
Concen: 48.800 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.000 min
Lab File: VU045283.D
Acq: 12 Oct 2021 11:11

Instrument :
MSVOA_U
ClientSampleId :

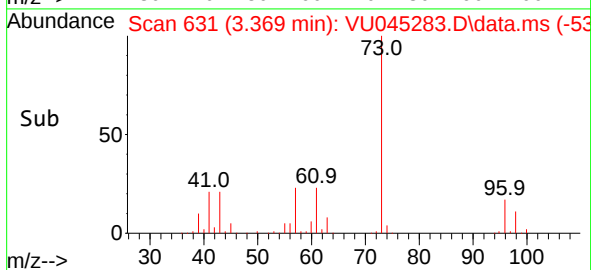
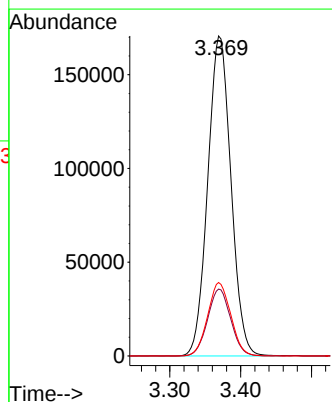
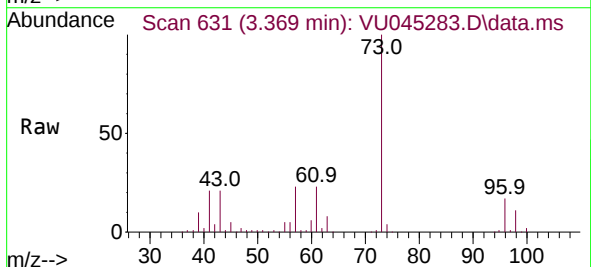
Tgt Ion: 96 Resp: 107674
Ion Ratio Lower Upper
96 100
61 150.0 105.1 195.3
98 63.0 43.0 79.8

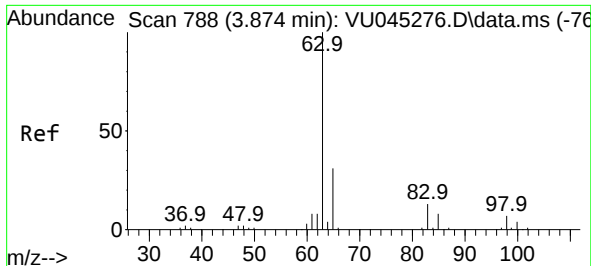


#18

Methyl tert-butyl Ether
Concen: 53.312 ug/L
RT: 3.369 min Scan# 631
Delta R.T. -0.000 min
Lab File: VU045283.D
Acq: 12 Oct 2021 11:11

Tgt Ion: 73 Resp: 387871
Ion Ratio Lower Upper
73 100
43 20.9 17.3 25.9
57 22.8 18.7 28.1





#19

1,1-Dichloroethane

Concen: 48.395 ug/L

RT: 3.874 min Scan# 788

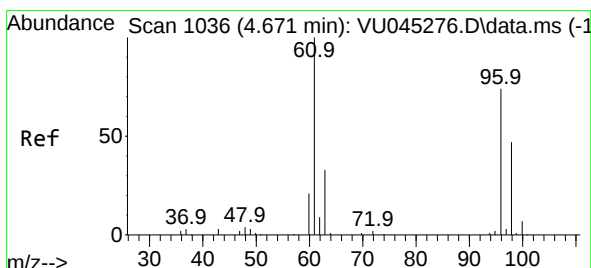
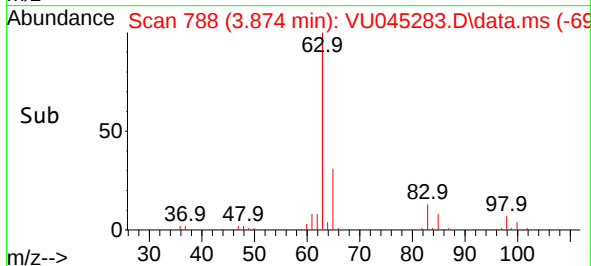
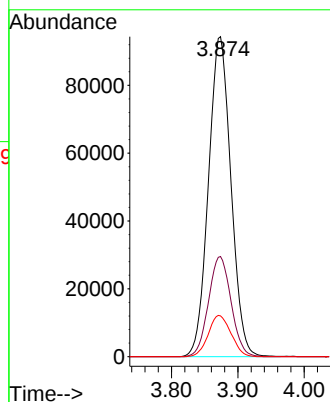
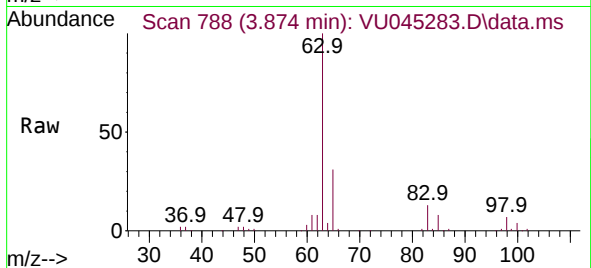
Delta R.T. -0.000 min

Lab File: VU045283.D

Acq: 12 Oct 2021 11:11

Tgt Ion: 63	Resp: 222147
Ion Ratio	Lower Upper
63 100	
65 31.3	22.0 40.8
83 12.8	9.0 16.6

Instrument :
MSVOA_U
ClientSampled :



#20

cis-1,2-Dichloroethene

Concen: 51.887 ug/L

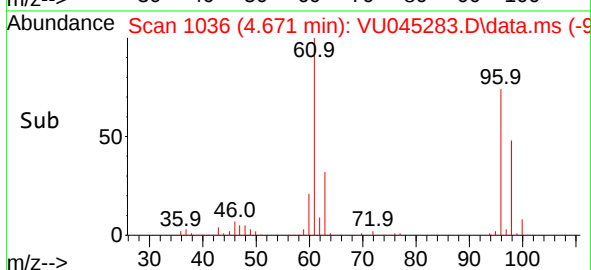
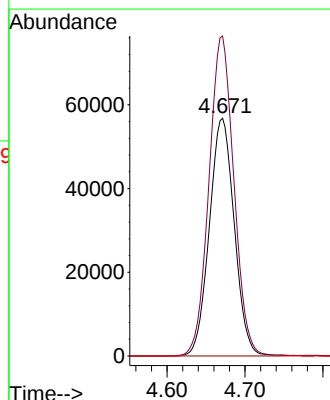
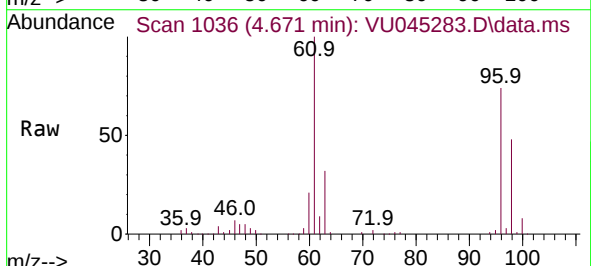
RT: 4.671 min Scan# 1036

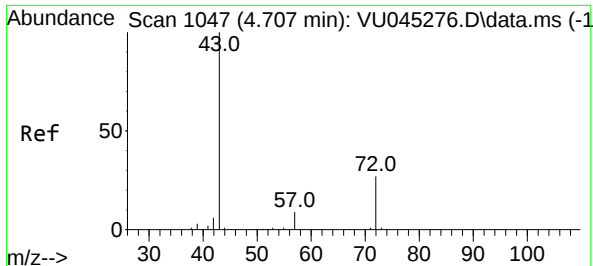
Delta R.T. -0.000 min

Lab File: VU045283.D

Acq: 12 Oct 2021 11:11

Tgt Ion: 96	Resp: 126154
Ion Ratio	Lower Upper
96 100	
61 134.6	100.2 186.0
68 0.0	0.0 0.0





#22

2-Butanone

Concen: 84.755 ug/L

RT: 4.706 min Scan# 1047

Delta R.T. -0.000 min

Lab File: VU045283.D

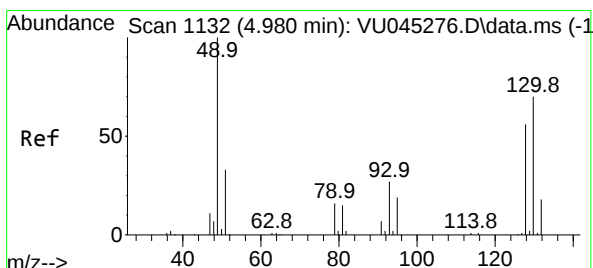
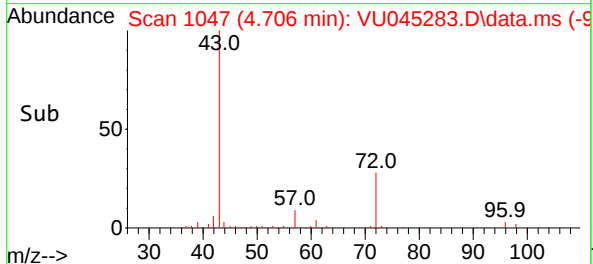
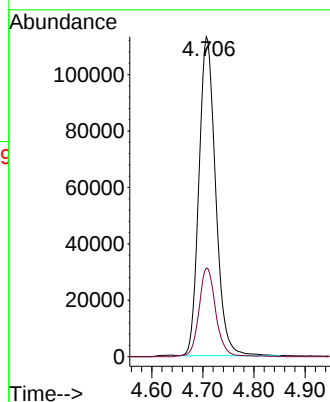
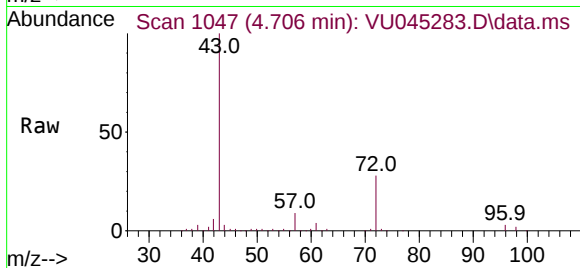
Acq: 12 Oct 2021 11:11

Tgt Ion: 43 Resp: 256681

Ion Ratio Lower Upper

43 100

72 27.9 13.3 39.9



#23

Bromochloromethane

Concen: 49.422 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VU045283.D

Acq: 12 Oct 2021 11:11

Tgt Ion: 128 Resp: 60914

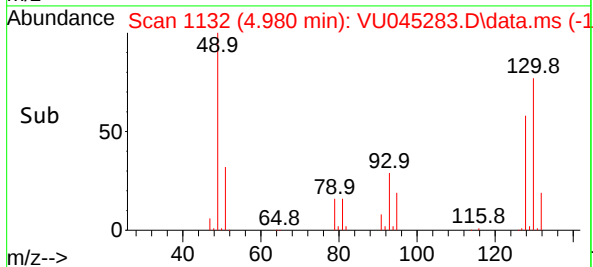
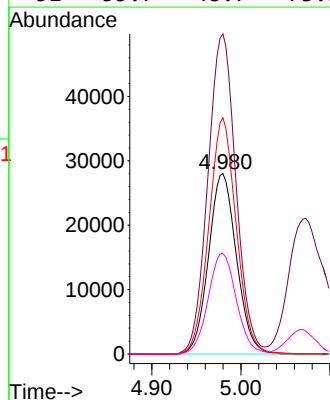
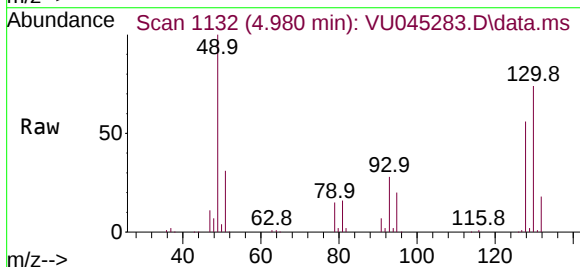
Ion Ratio Lower Upper

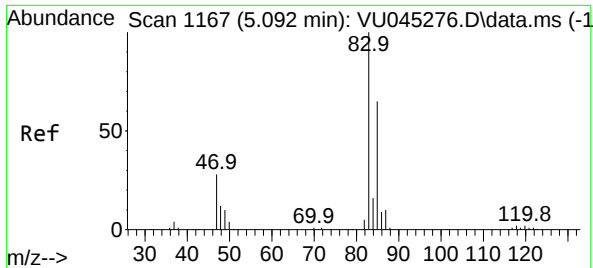
128 100

49 177.4 132.9 246.7

130 131.0 88.2 163.8

51 55.7 48.7 73.1



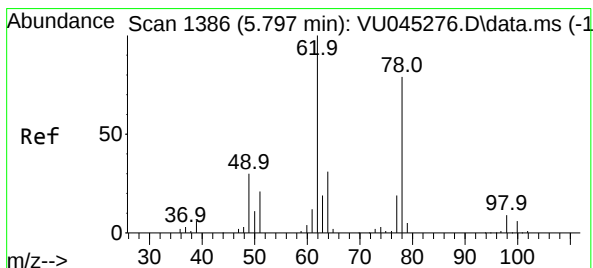
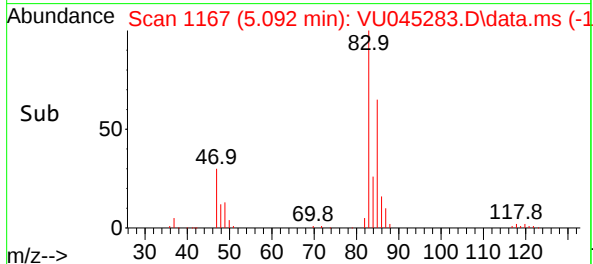
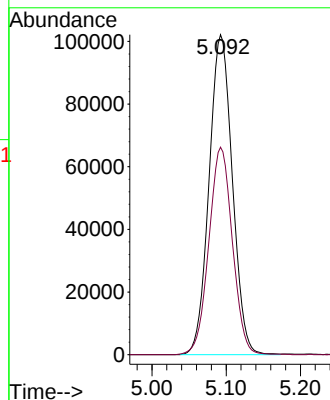
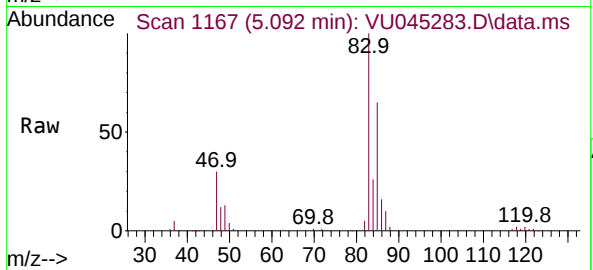


#25

Chloroform
Concen: 48.753 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VU045283.D
Acq: 12 Oct 2021 11:11

Instrument :
MSVOA_U
ClientSampled :

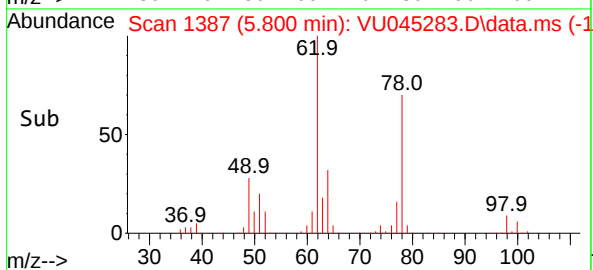
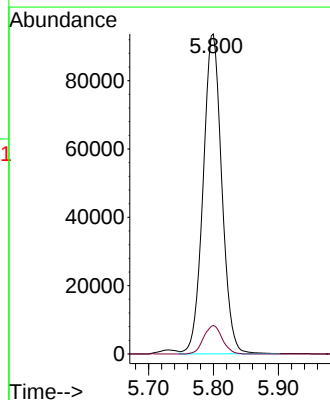
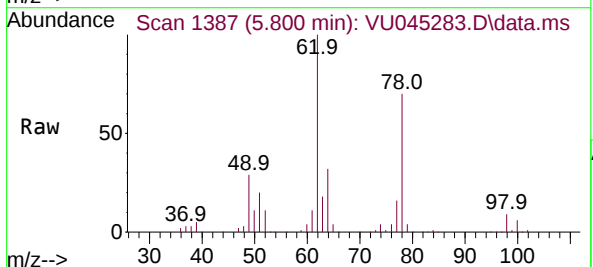
Tgt Ion: 83 Resp: 222477
Ion Ratio Lower Upper
83 100
85 64.8 45.6 84.6

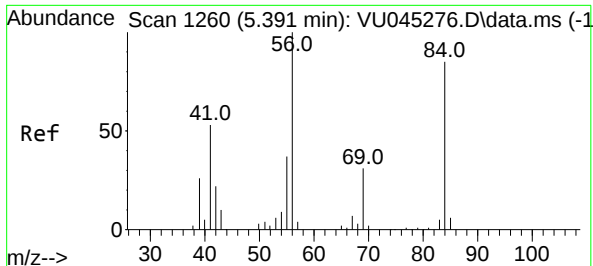


#27

1,2-Dichloroethane
Concen: 48.984 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. 0.003 min
Lab File: VU045283.D
Acq: 12 Oct 2021 11:11

Tgt Ion: 62 Resp: 186959
Ion Ratio Lower Upper
62 100
98 8.9 7.1 10.7





#29

Cyclohexane

Concen: 48.634 ug/L

RT: 5.391 min Scan# 1260

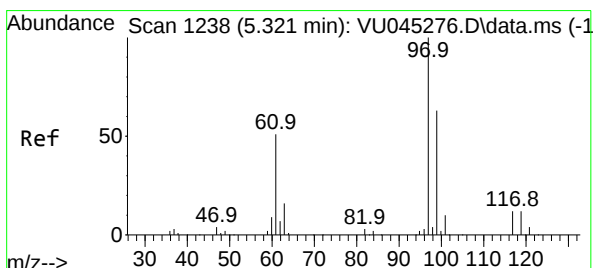
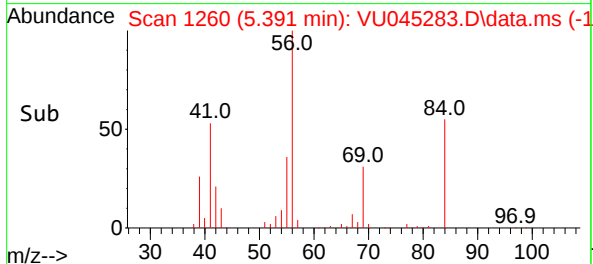
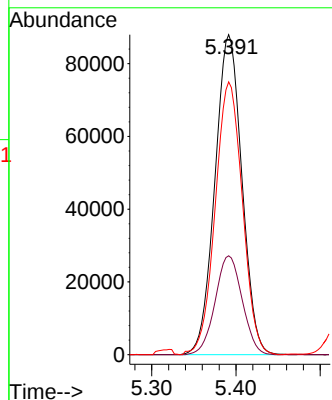
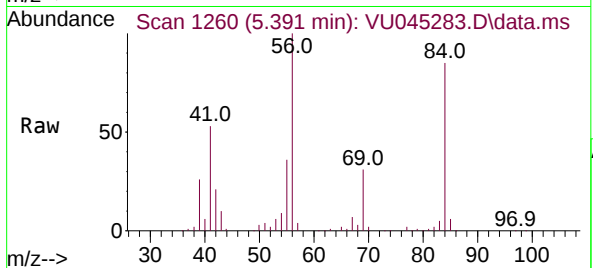
Delta R.T. -0.000 min

Lab File: VU045283.D

Acq: 12 Oct 2021 11:11

Tgt Ion:	56	Resp:	195526
Ion	Ratio	Lower	Upper
56	100		
69	30.9	23.8	35.8
84	85.8	66.8	100.2

Instrument :
MSVOA_U
ClientSampleId :



#30

1,1,1-Trichloroethane

Concen: 48.868 ug/L

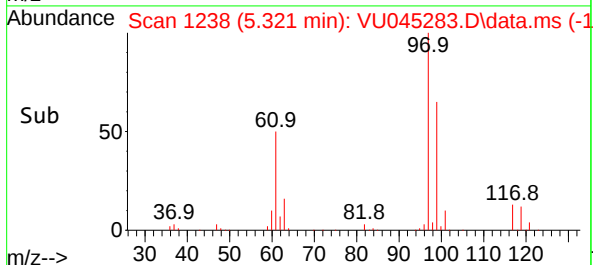
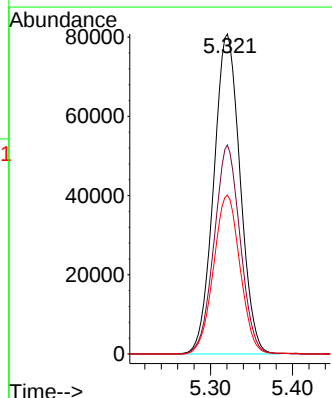
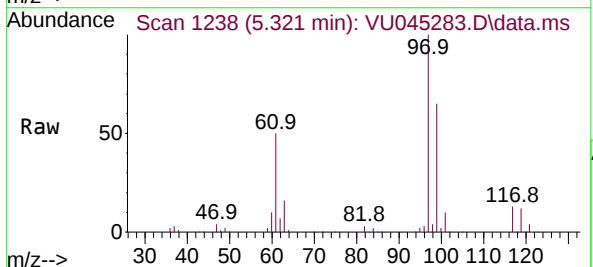
RT: 5.321 min Scan# 1238

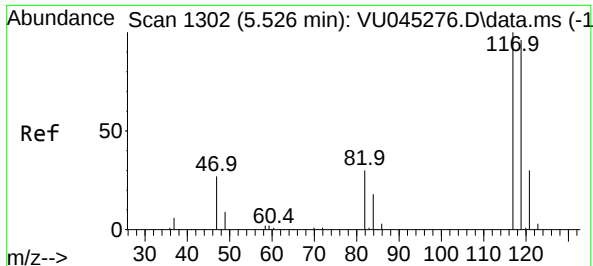
Delta R.T. -0.000 min

Lab File: VU045283.D

Acq: 12 Oct 2021 11:11

Tgt Ion:	97	Resp:	180930
Ion	Ratio	Lower	Upper
97	100		
99	64.3	50.6	75.8
61	49.8	41.3	61.9

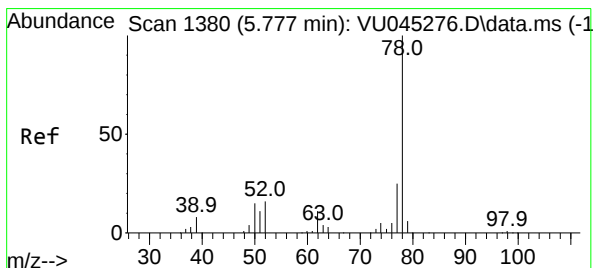
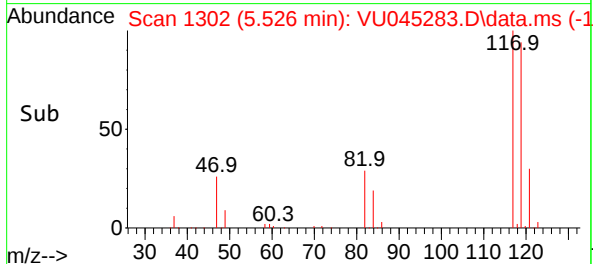
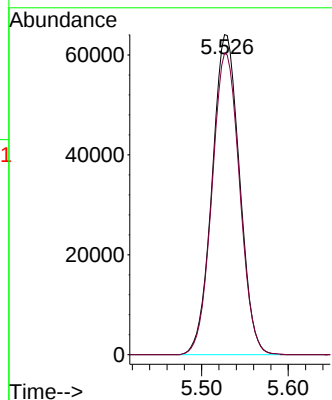
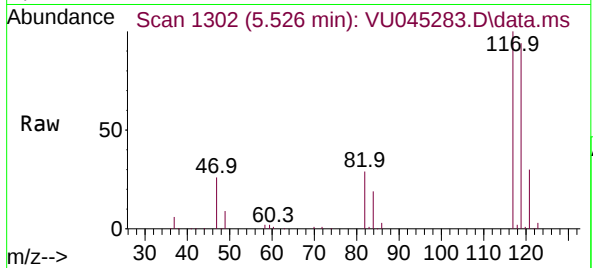




#31
Carbon tetrachloride
Concen: 48.170 ug/L
RT: 5.526 min Scan# 1302
Delta R.T. -0.000 min
Lab File: VU045283.D
Acq: 12 Oct 2021 11:11

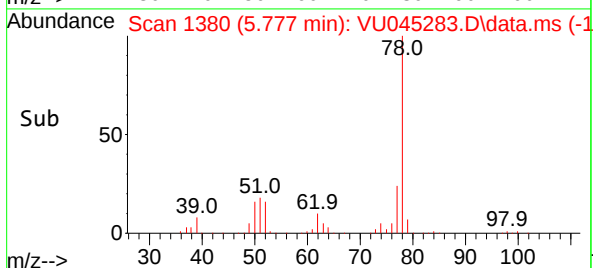
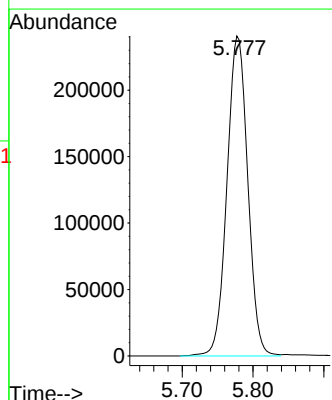
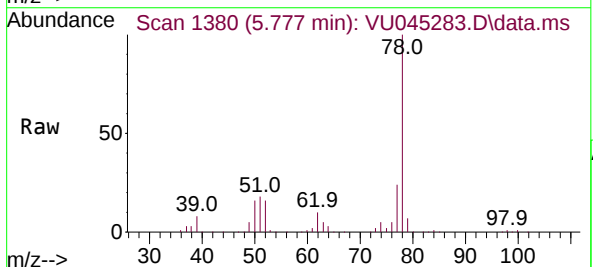
Instrument :
MSVOA_U
ClientSampled :

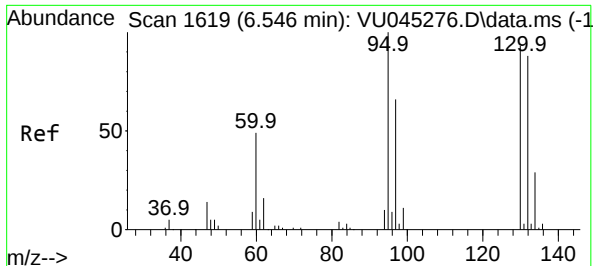
Tgt Ion:117 Resp: 140862
Ion Ratio Lower Upper
117 100
119 94.8 77.7 116.5



#33
Benzene
Concen: 49.501 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU045283.D
Acq: 12 Oct 2021 11:11

Tgt Ion: 78 Resp: 491052





#34

Trichloroethene

Concen: 50.544 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VU045283.D

Acq: 12 Oct 2021 11:11

Tgt Ion: 95 Resp: 120431

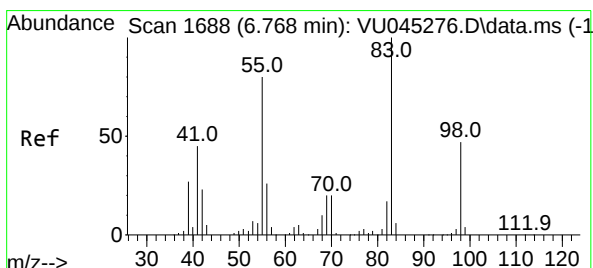
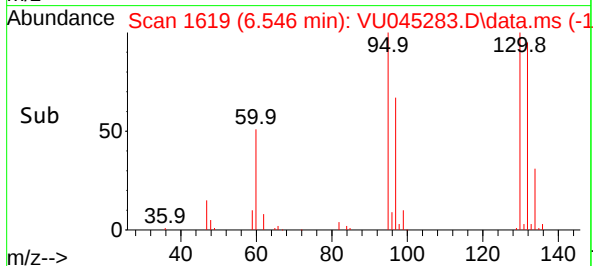
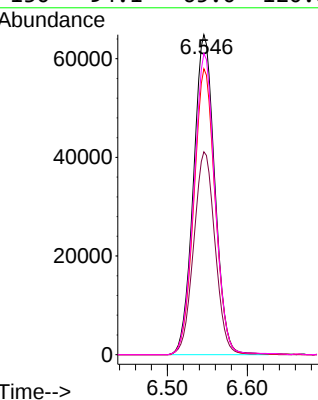
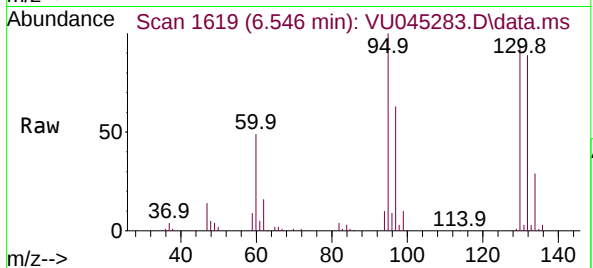
Ion Ratio Lower Upper

95 100

97 63.4 44.4 82.4

132 89.4 62.9 116.9

130 94.1 65.0 120.8



#35

Methylcyclohexane

Concen: 49.179 ug/L

RT: 6.767 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VU045283.D

Acq: 12 Oct 2021 11:11

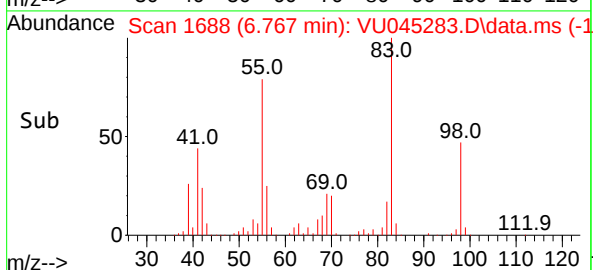
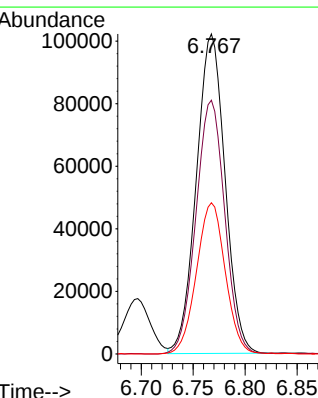
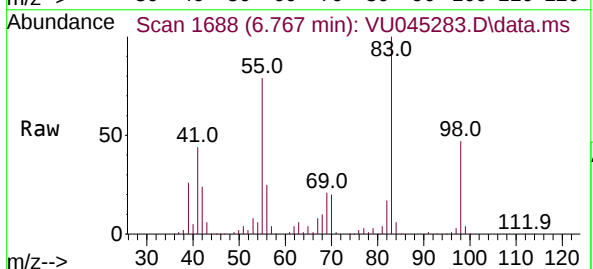
Tgt Ion: 83 Resp: 196181

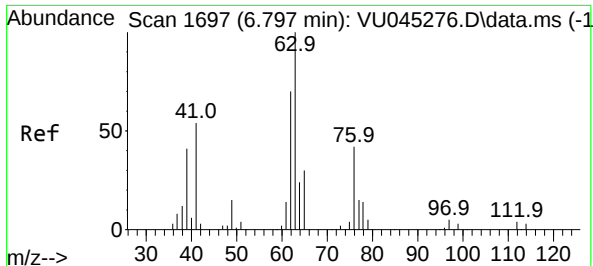
Ion Ratio Lower Upper

83 100

55 79.8 65.8 98.6

98 47.5 37.1 55.7



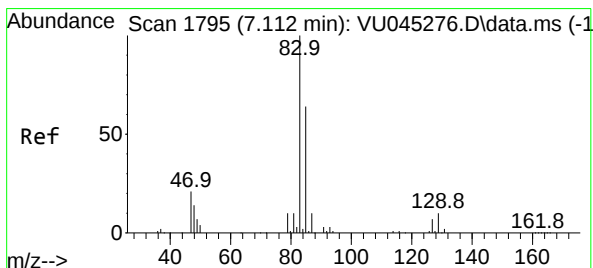
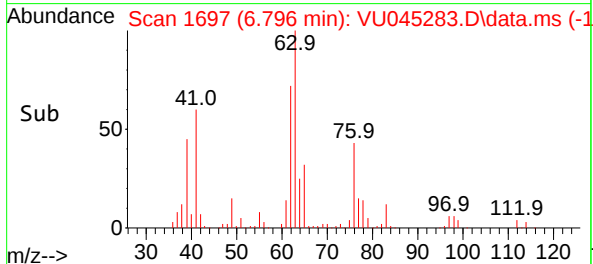
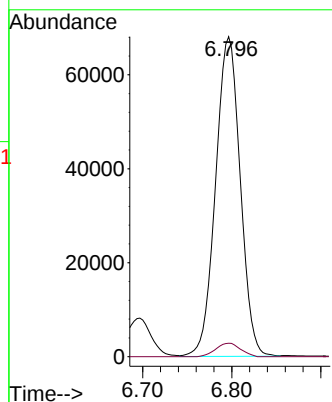
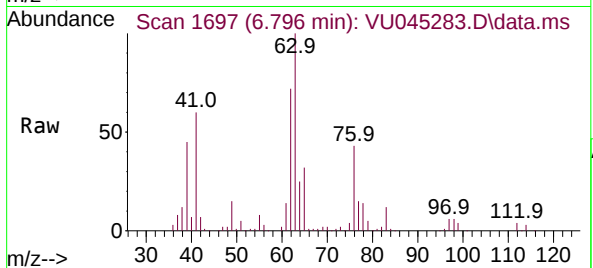


#37

1,2-Dichloropropane
Concen: 48.406 ug/L
RT: 6.796 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VU045283.D
Acq: 12 Oct 2021 11:11

Instrument :
MSVOA_U
ClientSampled :

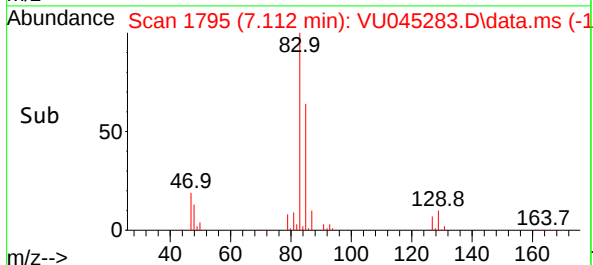
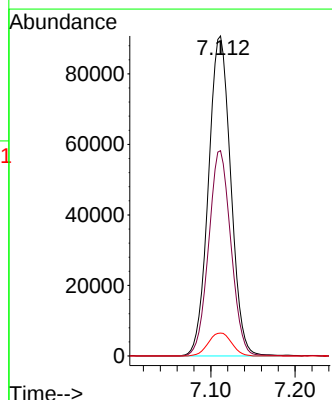
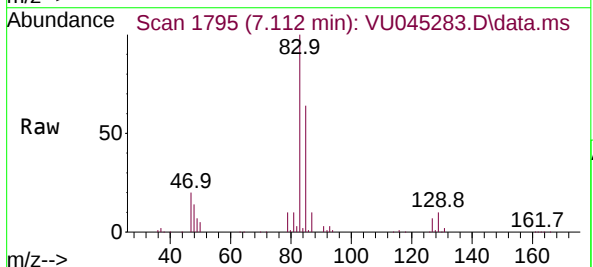
Tgt Ion: 63 Resp: 130741
Ion Ratio Lower Upper
63 100
112 4.2 3.2 4.8

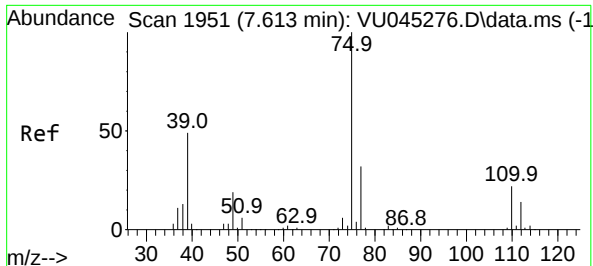


#38

Bromodichloromethane
Concen: 50.470 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VU045283.D
Acq: 12 Oct 2021 11:11

Tgt Ion: 83 Resp: 167093
Ion Ratio Lower Upper
83 100
85 64.2 44.6 82.8
127 7.2 6.2 9.2

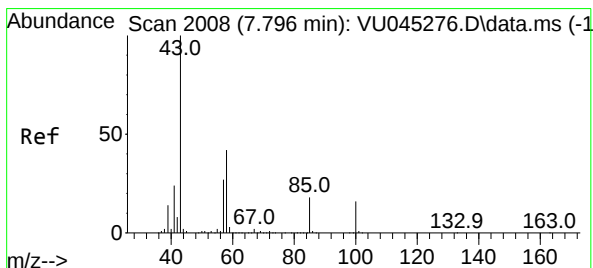
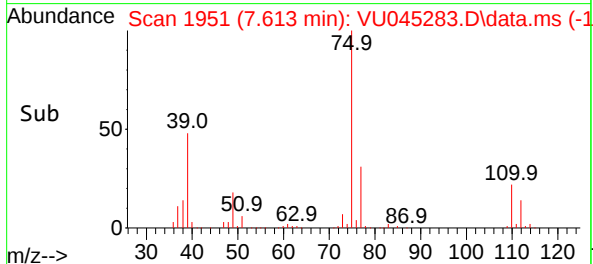
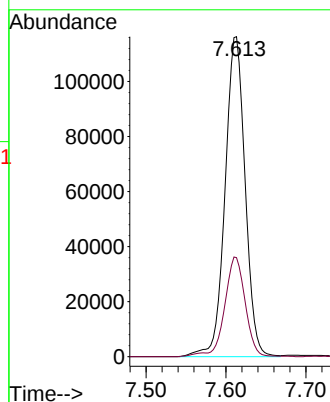
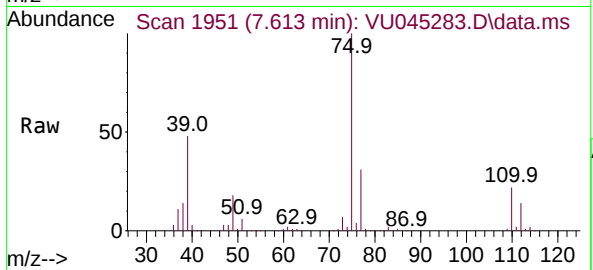




#39
 cis-1,3-Dichloropropene
 Concen: 52.412 ug/L
 RT: 7.613 min Scan# 1951
 Delta R.T. -0.000 min
 Lab File: VU045283.D
 Acq: 12 Oct 2021 11:11

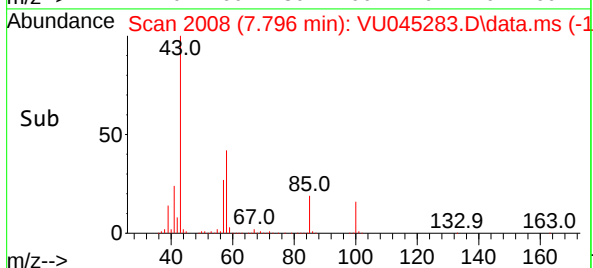
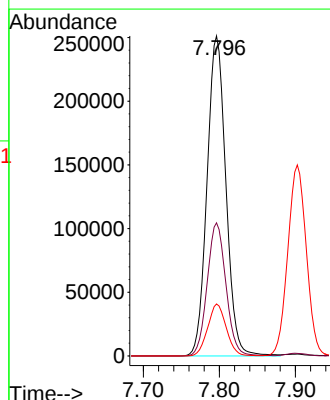
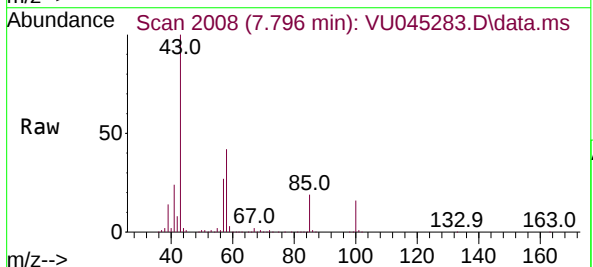
Instrument :
 MSVOA_U
 ClientSampled :

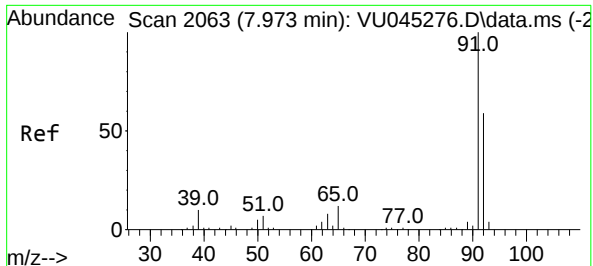
Tgt Ion: 75 Resp: 202552
 Ion Ratio Lower Upper
 75 100
 77 31.0 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 95.879 ug/L
 RT: 7.796 min Scan# 2008
 Delta R.T. -0.000 min
 Lab File: VU045283.D
 Acq: 12 Oct 2021 11:11

Tgt Ion: 43 Resp: 432590
 Ion Ratio Lower Upper
 43 100
 58 41.4 31.8 47.8
 100 16.0 11.8 17.6

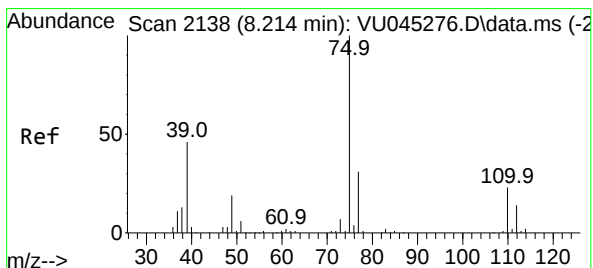
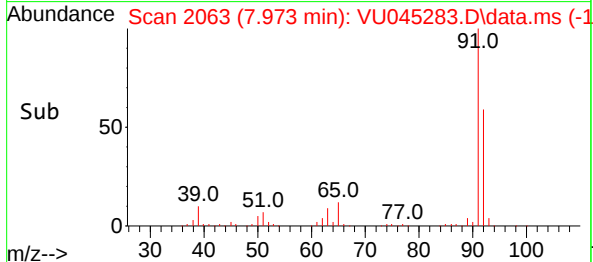
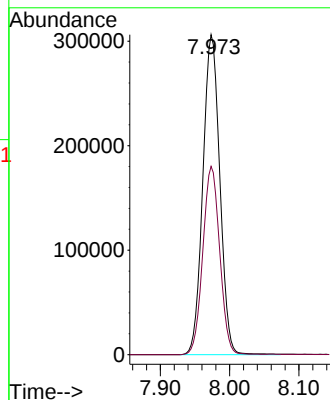
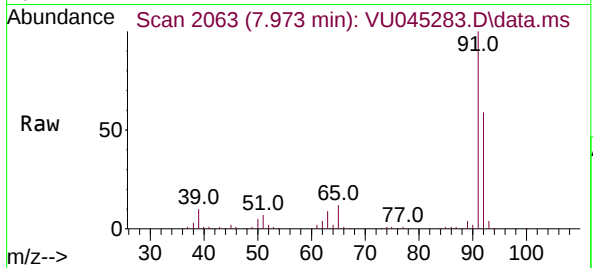




#42
Toluene
Concen: 51.555 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045283.D
Acq: 12 Oct 2021 11:11

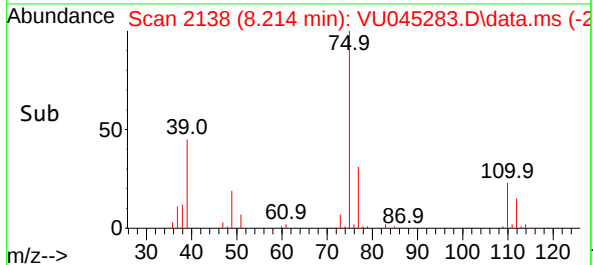
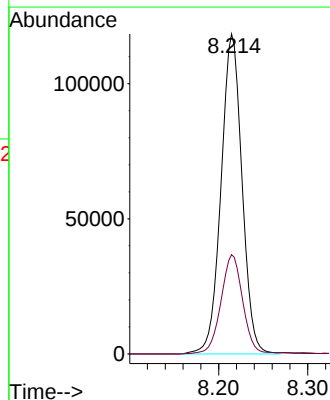
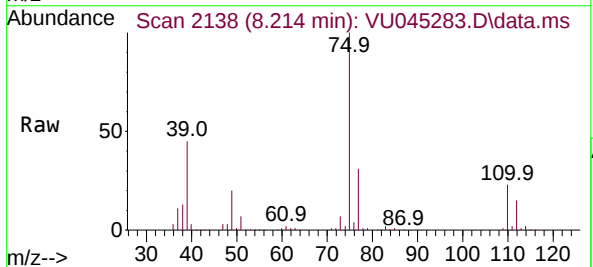
Instrument :
MSVOA_U
ClientSampled :

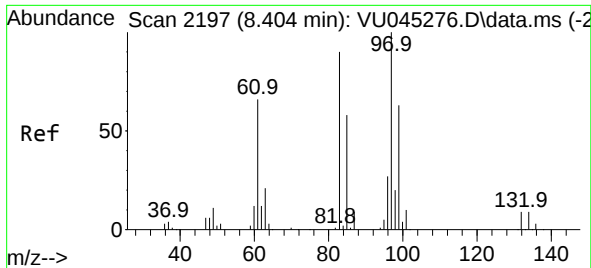
Tgt Ion: 91 Resp: 519634
Ion Ratio Lower Upper
91 100
92 58.9 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 52.755 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VU045283.D
Acq: 12 Oct 2021 11:11

Tgt Ion: 75 Resp: 193861
Ion Ratio Lower Upper
75 100
77 31.1 21.7 40.3



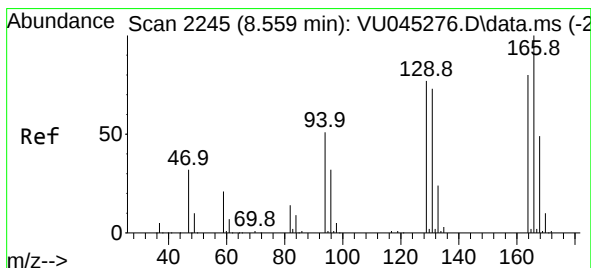
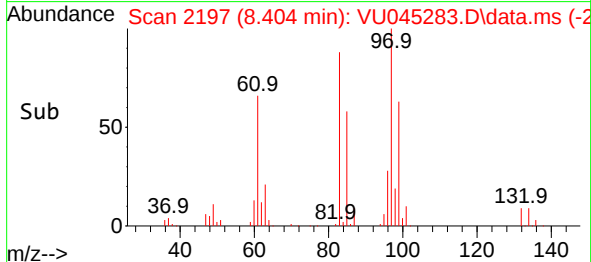
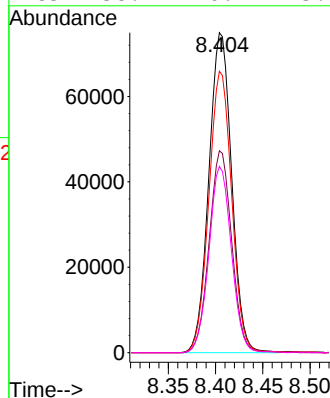
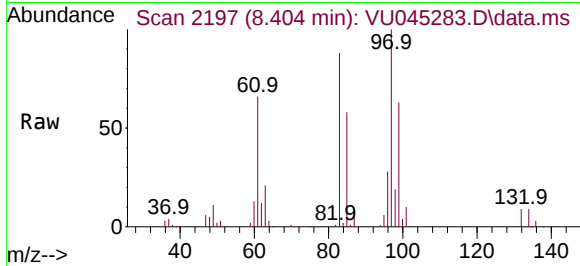


#45
1,1,2-Trichloroethane
Concen: 51.419 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU045283.D
Acq: 12 Oct 2021 11:11

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 125859

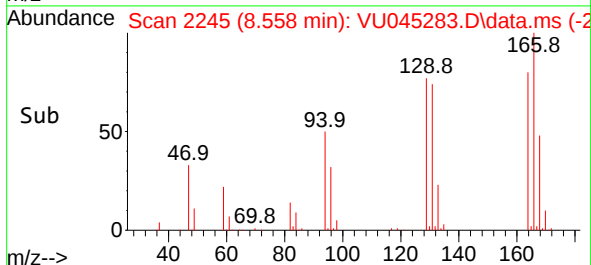
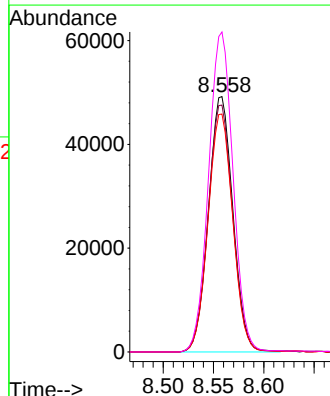
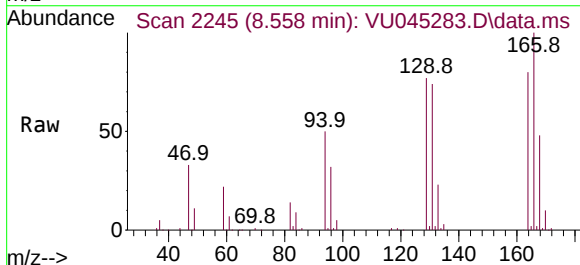
Ion	Ratio	Lower	Upper
97	100		
99	63.1	43.7	81.1
83	88.0	61.9	115.1
85	58.2	40.7	75.5

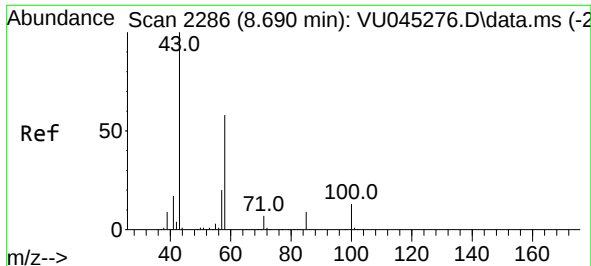


#46
Tetrachloroethene
Concen: 48.953 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU045283.D
Acq: 12 Oct 2021 11:11

Tgt Ion: 164 Resp: 83371

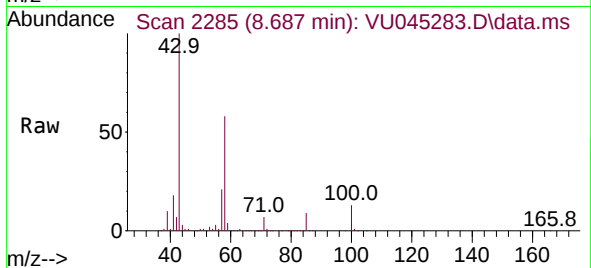
Ion	Ratio	Lower	Upper
164	100		
129	96.7	69.8	129.6
131	93.1	66.4	123.2
166	125.3	91.1	169.3



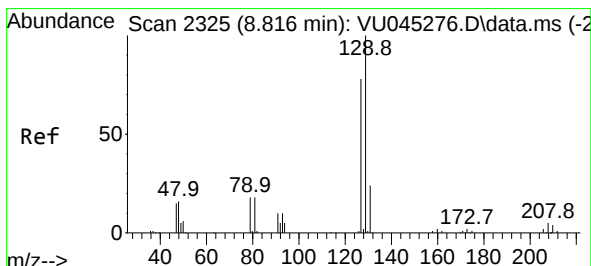
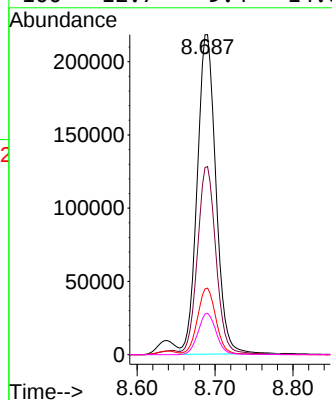
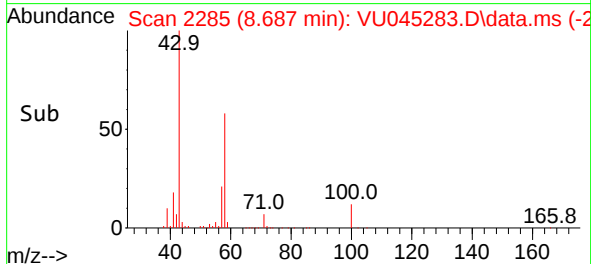


#48
2-Hexanone
Concen: 90.846 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. -0.003 min
Lab File: VU045283.D
Acq: 12 Oct 2021 11:11

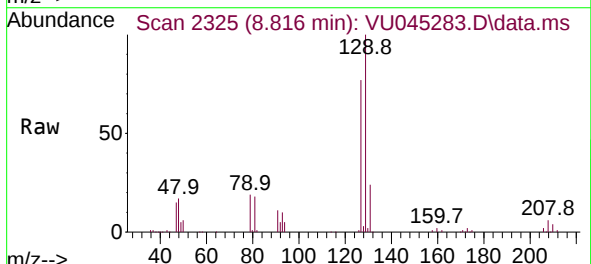
Instrument :
MSVOA_U
ClientSampleId :



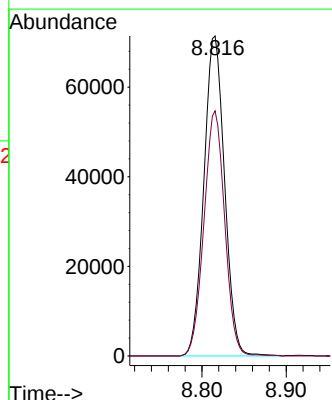
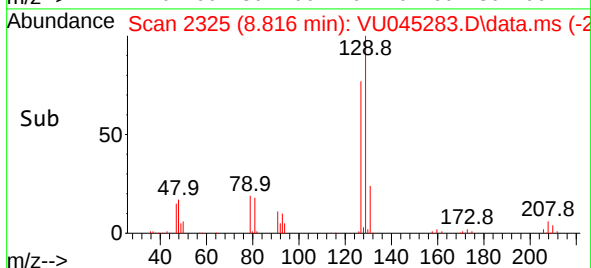
Tgt Ion: 43 Resp: 363475
Ion Ratio Lower Upper
43 100
58 59.1 44.9 67.3
57 20.5 15.5 23.3
100 12.7 9.4 14.0

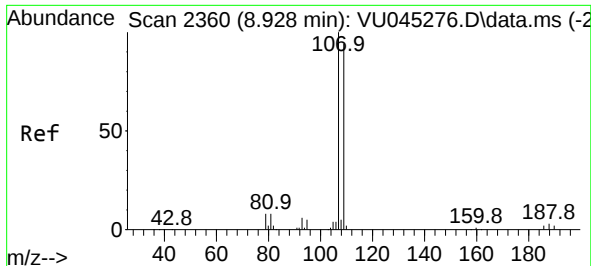


#49
Dibromochloromethane
Concen: 50.494 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.000 min
Lab File: VU045283.D
Acq: 12 Oct 2021 11:11



Tgt Ion: 129 Resp: 122235
Ion Ratio Lower Upper
129 100
127 76.6 54.3 100.8





#50

1,2-Dibromoethane

Concen: 51.349 ug/L

RT: 8.928 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VU045283.D

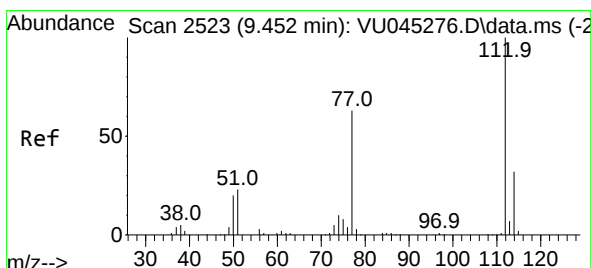
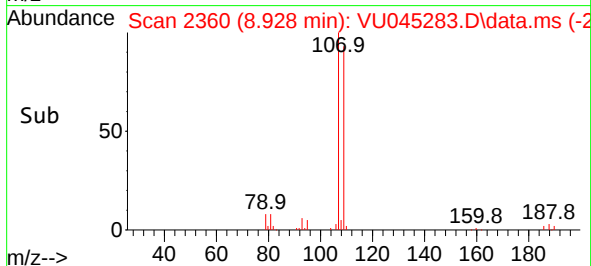
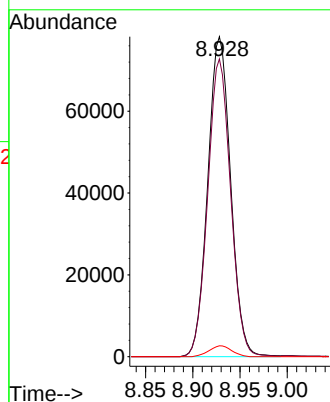
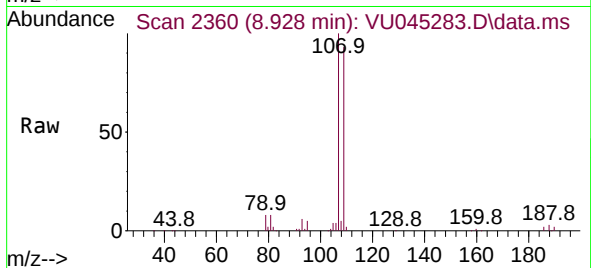
Acq: 12 Oct 2021 11:11

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	131596
Ion	Ratio	Lower	Upper
107	100		
109	93.1	65.5	121.6
188	3.5	2.6	3.8



#51

Chlorobenzene

Concen: 50.701 ug/L

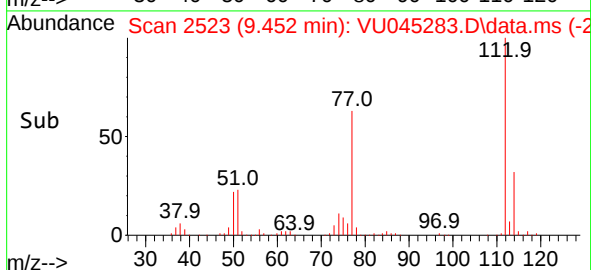
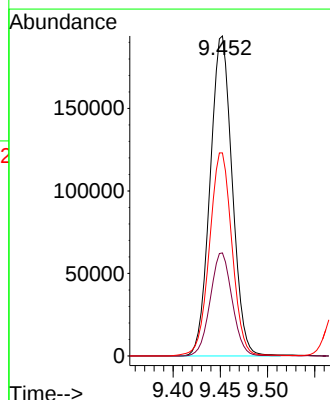
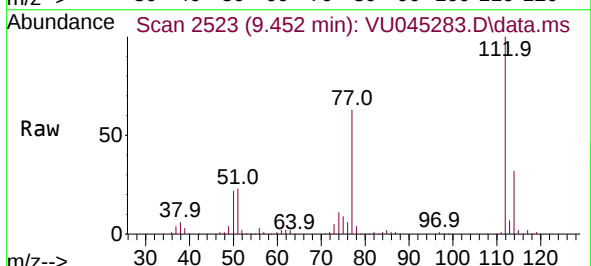
RT: 9.452 min Scan# 2523

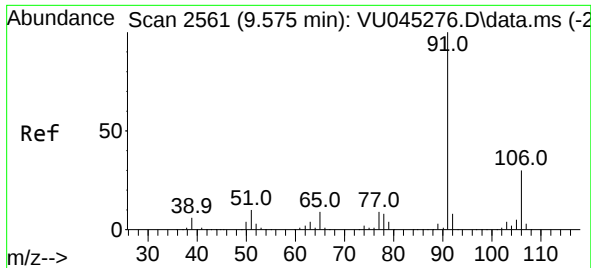
Delta R.T. -0.000 min

Lab File: VU045283.D

Acq: 12 Oct 2021 11:11

Tgt Ion:	112	Resp:	315485
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.5	41.9
77	63.5	50.6	75.8

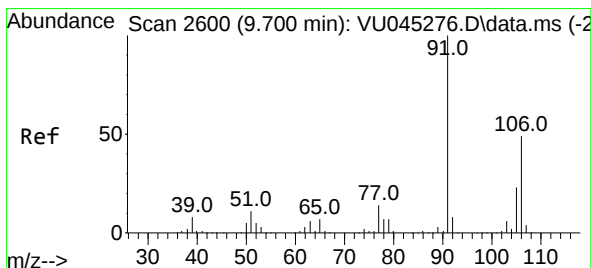
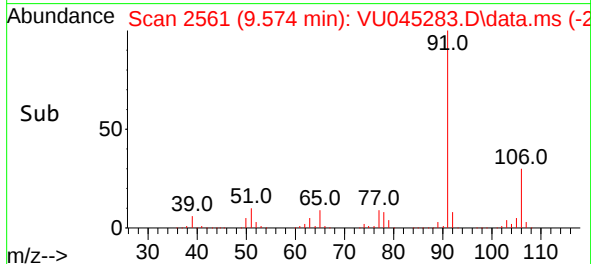
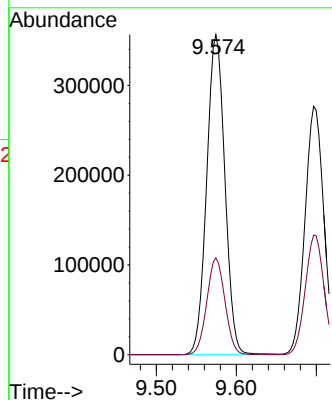
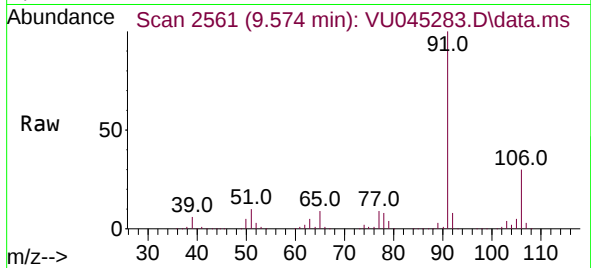




#52
Ethylbenzene
Concen: 53.007 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU045283.D
Acq: 12 Oct 2021 11:11

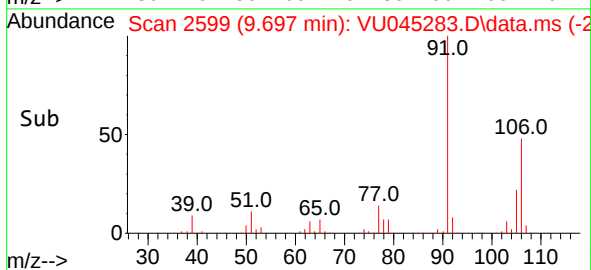
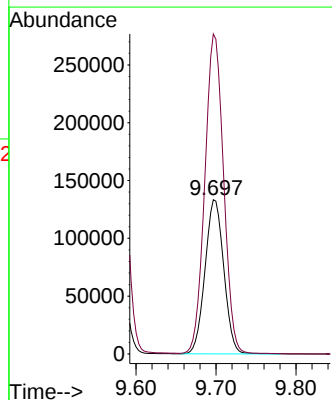
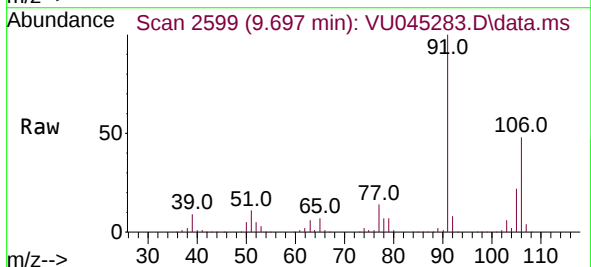
Instrument :
MSVOA_U
ClientSampleId :

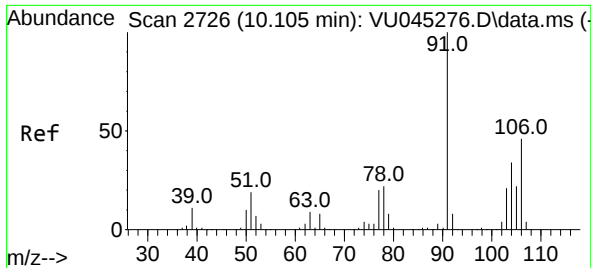
Tgt Ion: 91 Resp: 564403
Ion Ratio Lower Upper
91 100
106 30.3 21.2 39.4



#53
m,p-Xylene
Concen: 53.998 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.003 min
Lab File: VU045283.D
Acq: 12 Oct 2021 11:11

Tgt Ion:106 Resp: 217806
Ion Ratio Lower Upper
106 100
91 207.5 146.7 272.4

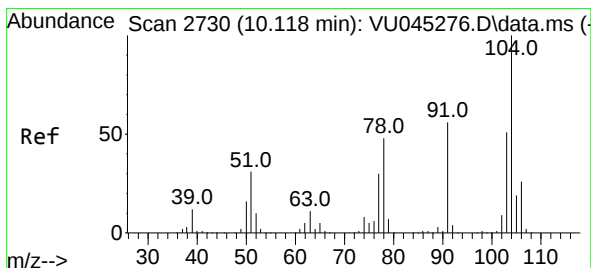
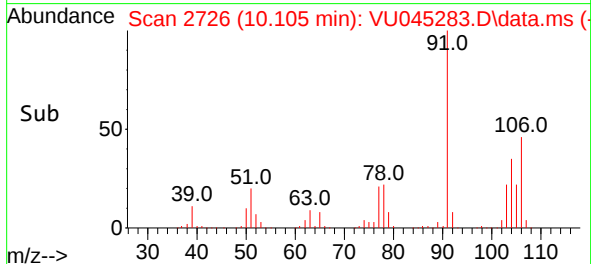
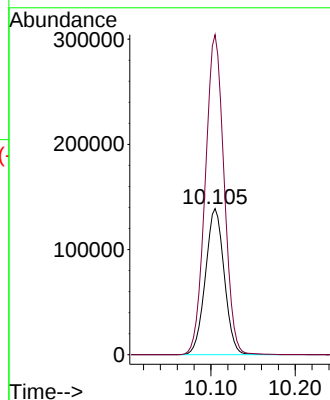
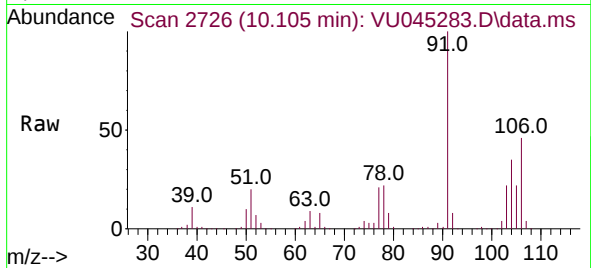




#54
o-xylene
Concen: 54.588 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU045283.D
Acq: 12 Oct 2021 11:11

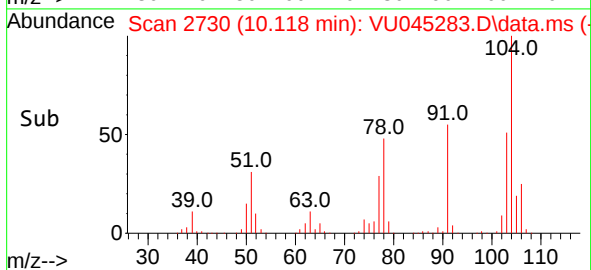
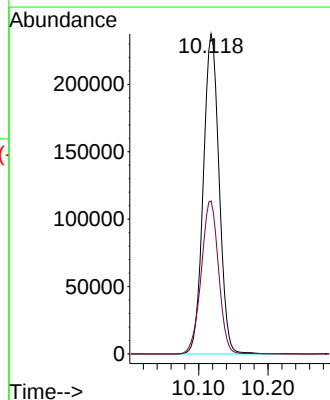
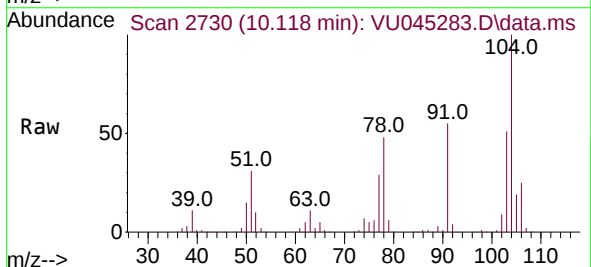
Instrument :
MSVOA_U
ClientSampleId :

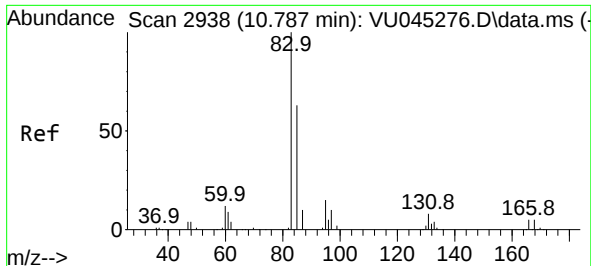
Tgt Ion:106 Resp: 216368
Ion Ratio Lower Upper
106 100
91 219.0 152.9 283.9



#55
Styrene
Concen: 55.168 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU045283.D
Acq: 12 Oct 2021 11:11

Tgt Ion:104 Resp: 376047
Ion Ratio Lower Upper
104 100
78 47.8 33.3 61.9

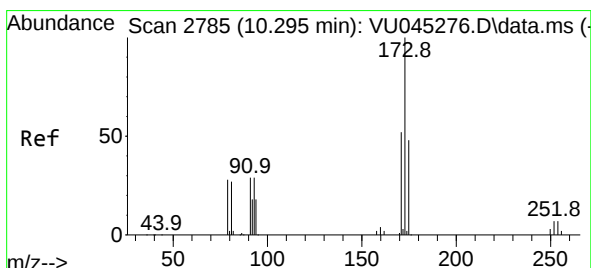
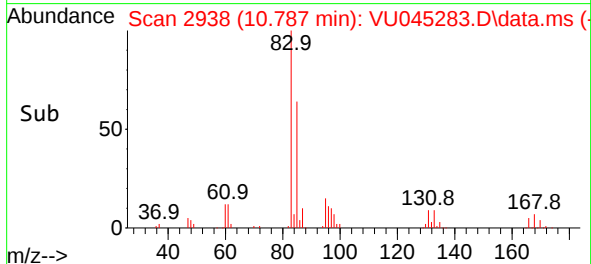
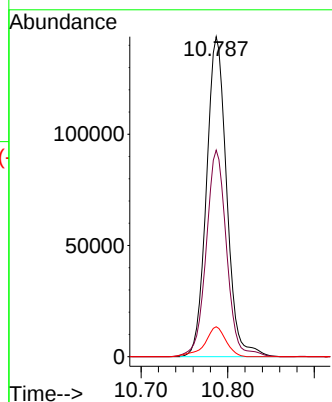
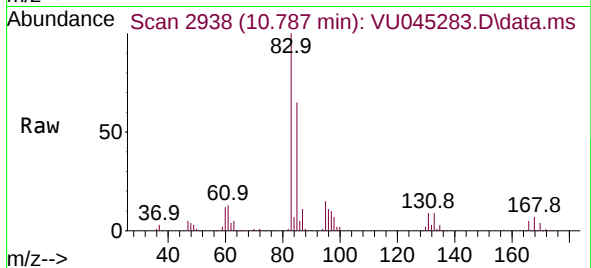




#57
1,1,2,2-Tetrachloroethane
Concen: 49.659 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU045283.D
Acq: 12 Oct 2021 11:11

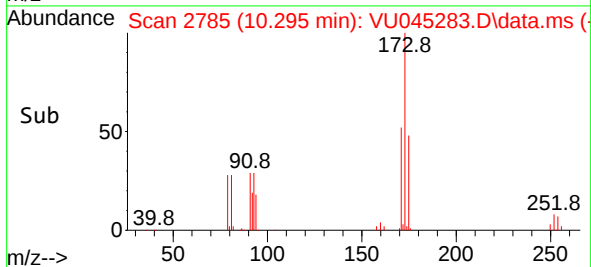
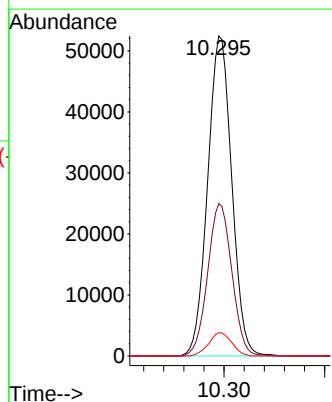
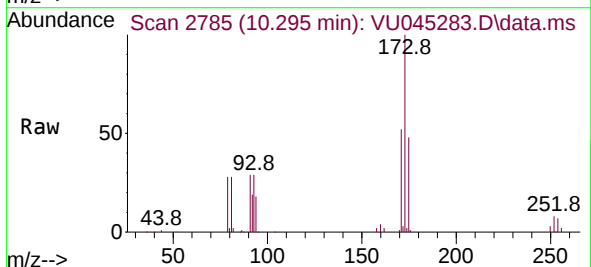
Instrument :
MSVOA_U
ClientSampleId :

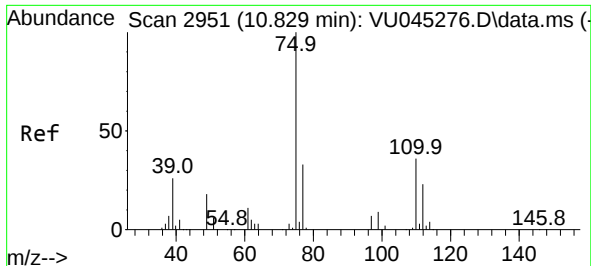
Tgt Ion: 83 Resp: 232739
Ion Ratio Lower Upper
83 100
85 64.6 45.1 83.7
131 9.4 6.9 10.3



#59
Bromoform
Concen: 52.045 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VU045283.D
Acq: 12 Oct 2021 11:11

Tgt Ion:173 Resp: 87170
Ion Ratio Lower Upper
173 100
175 47.7 38.4 57.6
254 7.0 5.3 7.9

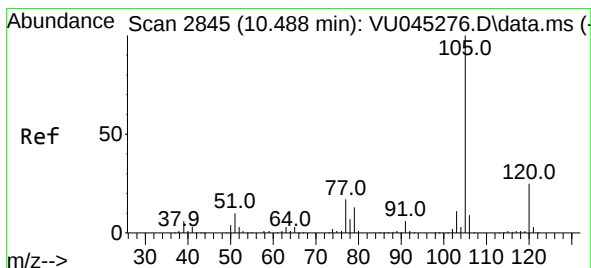
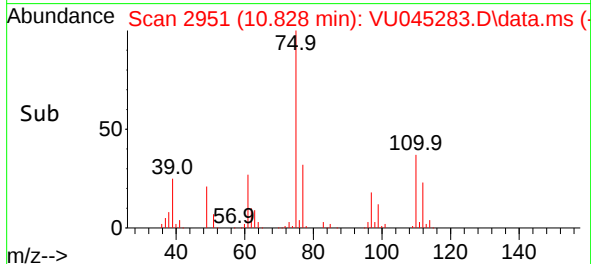
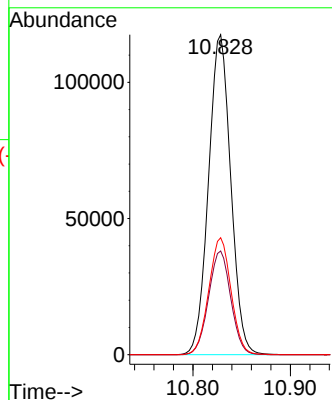
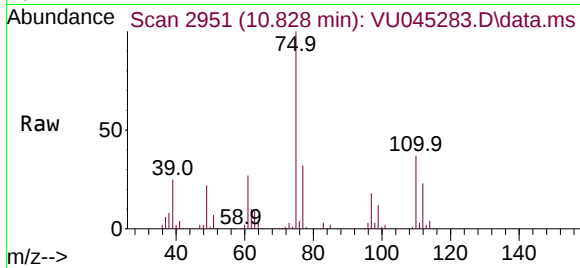




#60
1,2,3-Trichloropropane
Concen: 49.889 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU045283.D
Acq: 12 Oct 2021 11:11

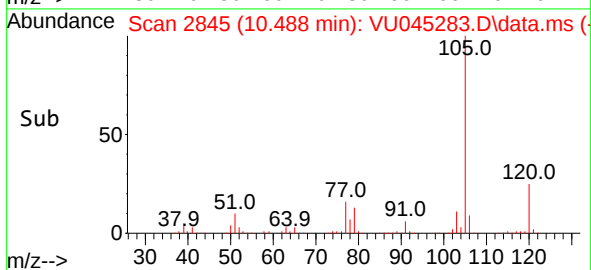
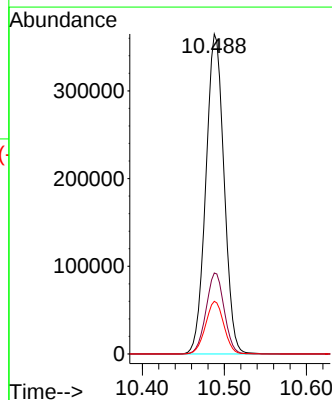
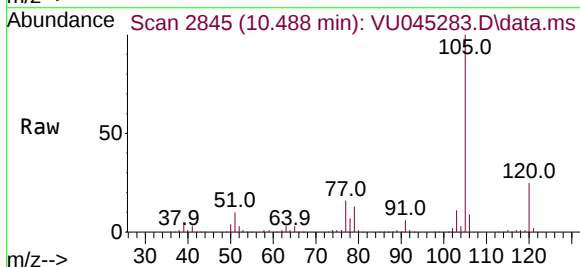
Instrument :
MSVOA_U
ClientSampled :

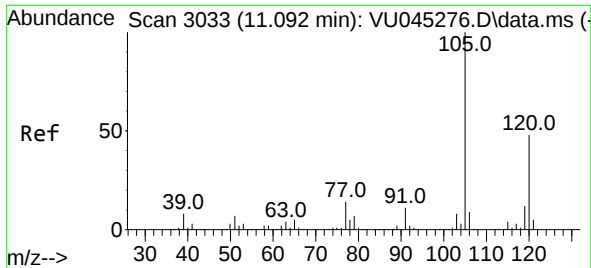
Tgt Ion: 75 Resp: 186343
Ion Ratio Lower Upper
75 100
77 32.4 25.5 38.3
110 36.6 29.0 43.4



#61
Isopropylbenzene
Concen: 56.729 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU045283.D
Acq: 12 Oct 2021 11:11

Tgt Ion: 105 Resp: 560675
Ion Ratio Lower Upper
105 100
120 25.3 20.5 30.7
77 16.6 13.5 20.3

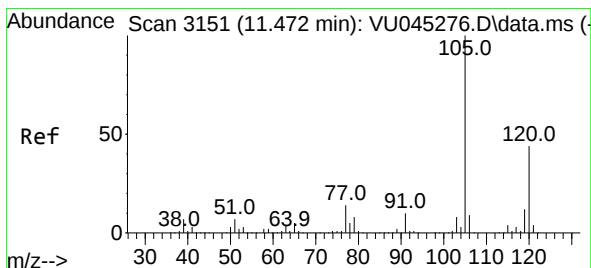
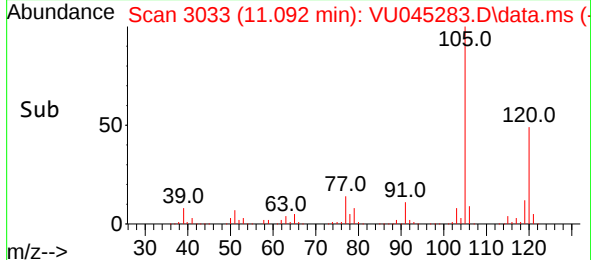
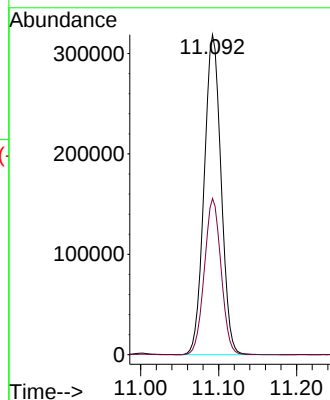
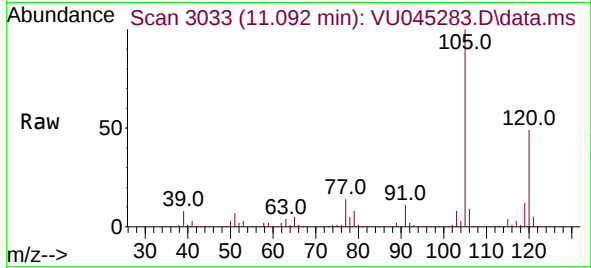




#62
1,3,5-Trimethylbenzene
Concen: 58.261 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU045283.D
Acq: 12 Oct 2021 11:11

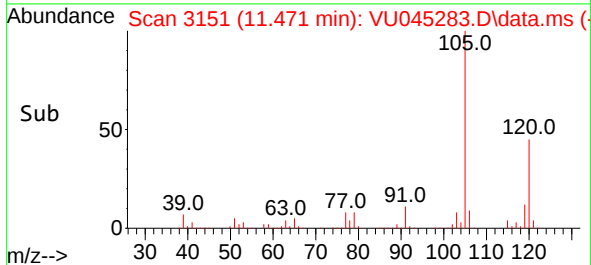
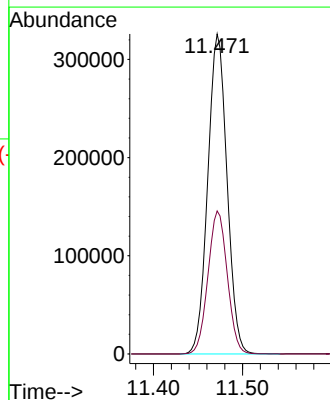
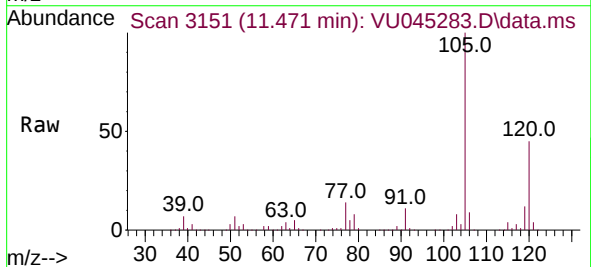
Instrument :
MSVOA_U
ClientSampleId :

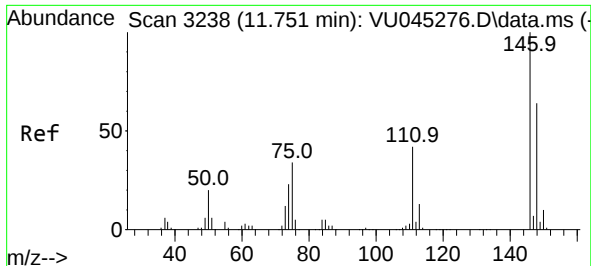
Tgt Ion:105 Resp: 480882
Ion Ratio Lower Upper
105 100
120 48.2 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 57.756 ug/L
RT: 11.471 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU045283.D
Acq: 12 Oct 2021 11:11

Tgt Ion:105 Resp: 488165
Ion Ratio Lower Upper
105 100
120 44.9 35.7 53.5

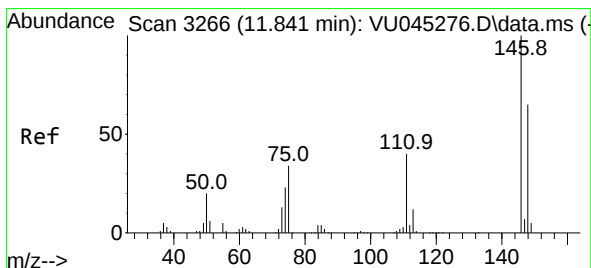
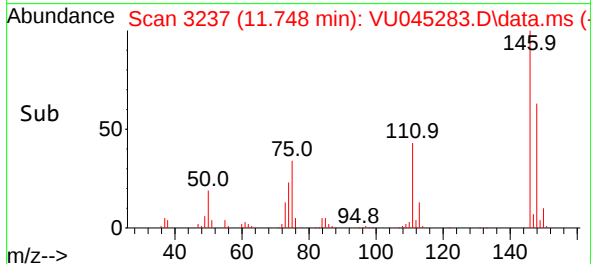
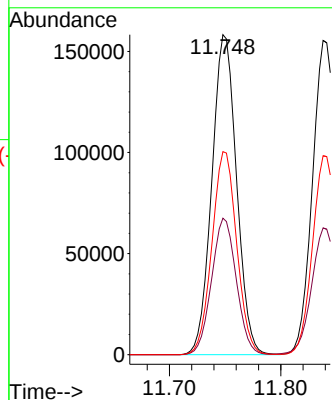
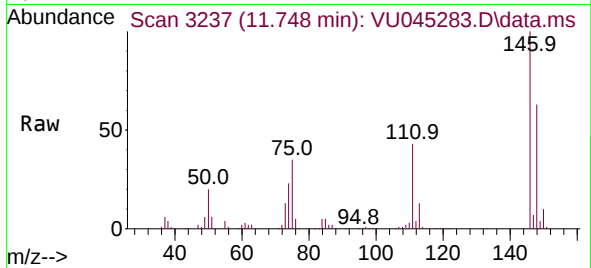




#64
1,3-Dichlorobenzene
Concen: 53.467 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.003 min
Lab File: VU045283.D
Acq: 12 Oct 2021 11:11

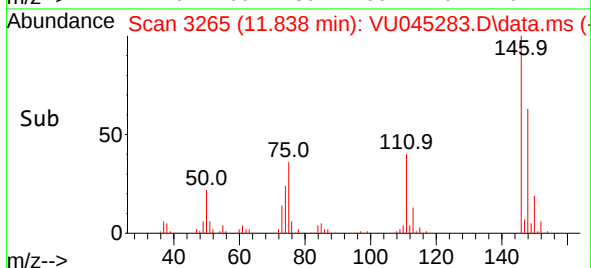
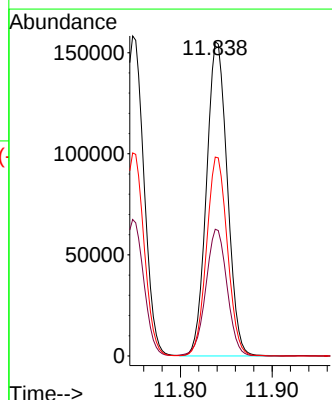
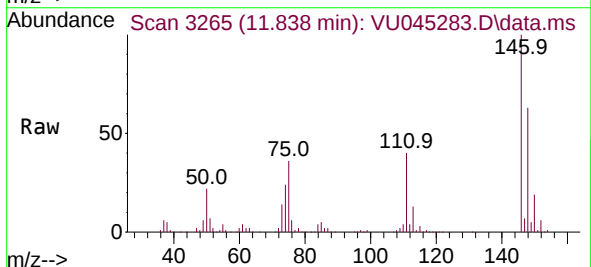
Instrument :
MSVOA_U
ClientSampleId :

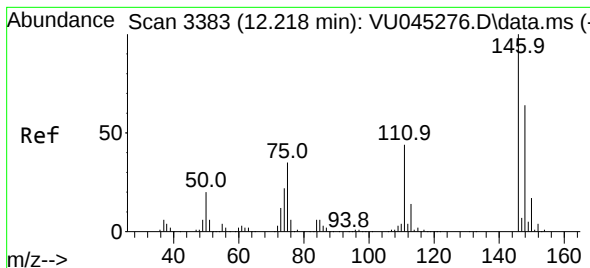
Tgt Ion:146 Resp: 244211
Ion Ratio Lower Upper
146 100
111 42.6 29.0 53.8
148 63.5 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 52.285 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.003 min
Lab File: VU045283.D
Acq: 12 Oct 2021 11:11

Tgt Ion:146 Resp: 245017
Ion Ratio Lower Upper
146 100
111 40.3 28.5 52.9
148 63.3 45.5 84.5





#67

1,2-Dichlorobenzene

Concen: 52.600 ug/L

RT: 12.217 min Scan# 3383

Delta R.T. -0.000 min

Lab File: VU045283.D

Acq: 12 Oct 2021 11:11

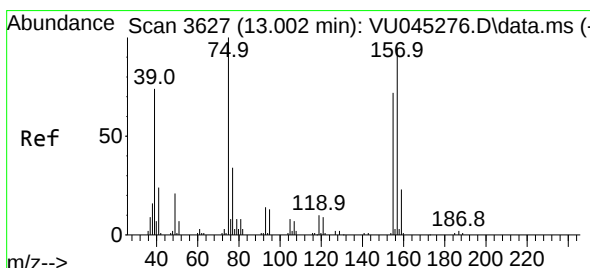
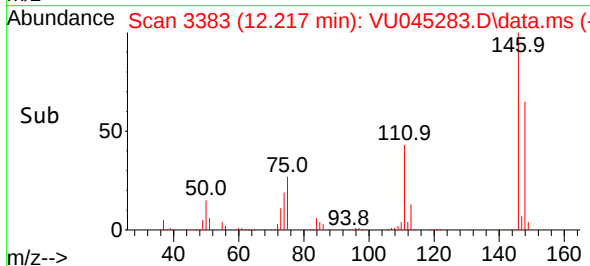
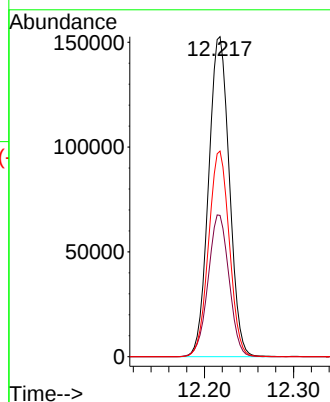
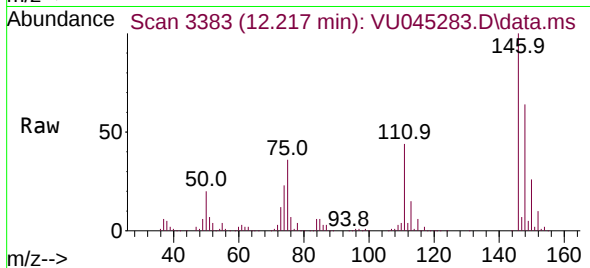
Tgt Ion:146 Resp: 246634

Ion Ratio Lower Upper

146 100

111 44.2 34.7 52.1

148 64.2 51.0 76.6



#68

1,2-Dibromo-3-chloropropane

Concen: 48.017 ug/L

RT: 13.002 min Scan# 3627

Delta R.T. -0.000 min

Lab File: VU045283.D

Acq: 12 Oct 2021 11:11

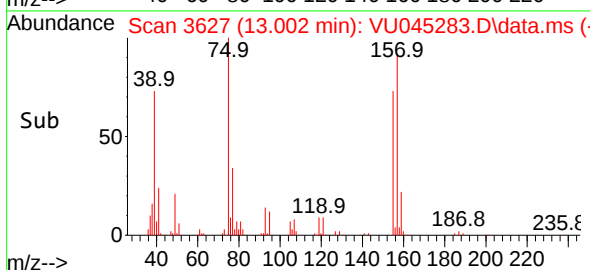
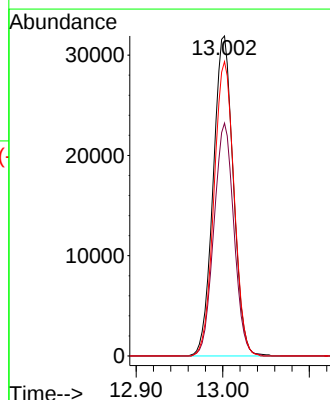
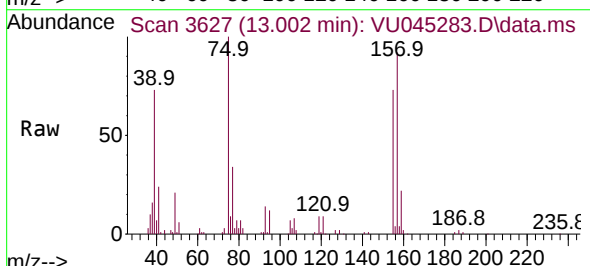
Tgt Ion: 75 Resp: 51542

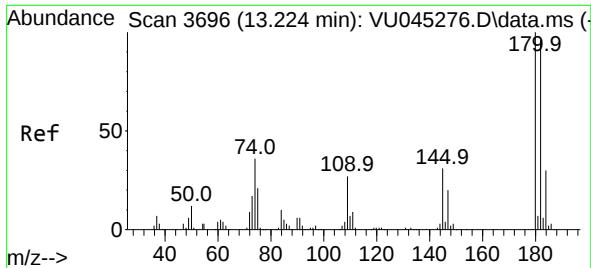
Ion Ratio Lower Upper

75 100

155 72.8 58.5 87.7

157 92.0 77.7 116.5

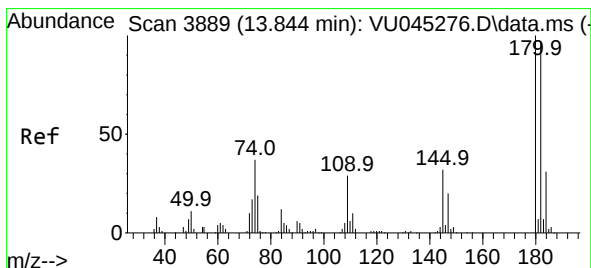
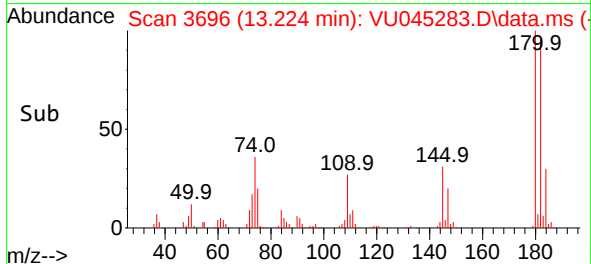
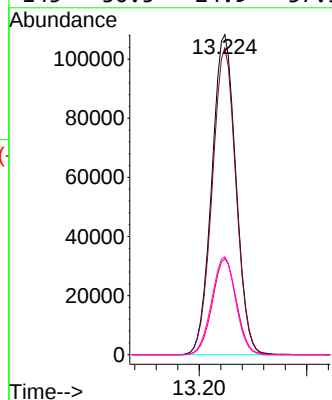
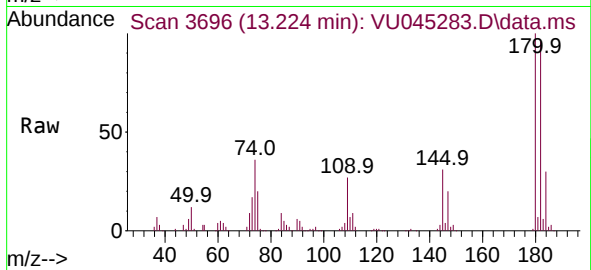




#69
1,3,5-Trichlorobenzene
Concen: 53.143 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. -0.000 min
Lab File: VU045283.D
Acq: 12 Oct 2021 11:11

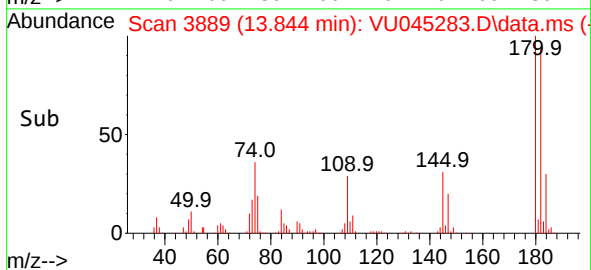
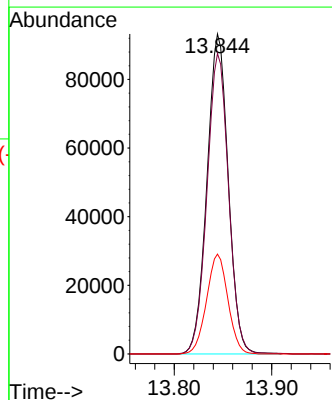
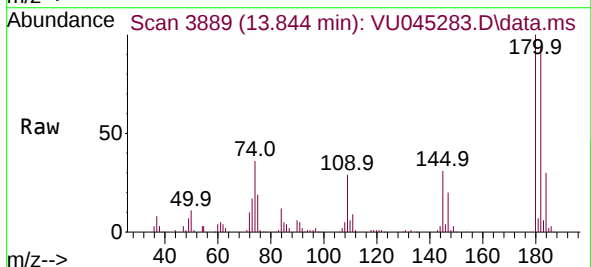
Instrument :
MSVOA_U
ClientSampleId :

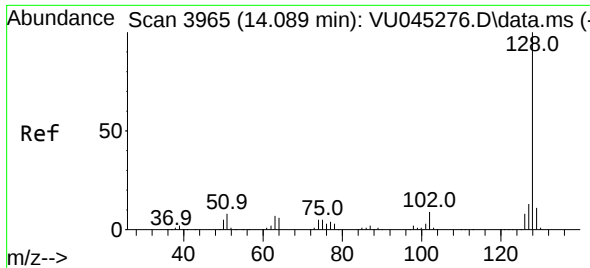
Tgt Ion:	180	Resp:	168452
Ion Ratio	Lower	Upper	
180	100		
182	94.5	76.8	115.2
184	29.9	24.4	36.6
145	30.5	24.9	37.3



#70
1,2,4-trichlorobenzene
Concen: 53.749 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. -0.000 min
Lab File: VU045283.D
Acq: 12 Oct 2021 11:11

Tgt Ion:	180	Resp:	141578
Ion Ratio	Lower	Upper	
180	100		
182	95.1	76.2	114.2
145	31.2	25.4	38.0

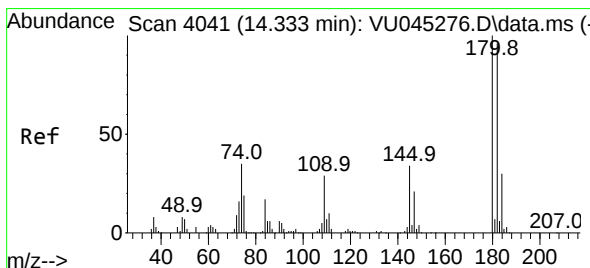
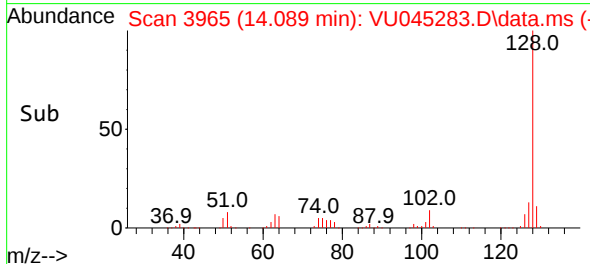
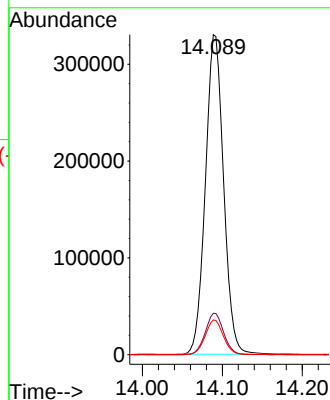
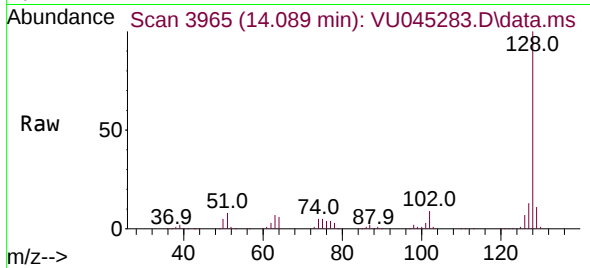




#71
Naphthalene
Concen: 57.231 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045283.D
Acq: 12 Oct 2021 11:11

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:128 Resp: 522388
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 53.599 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VU045283.D
Acq: 12 Oct 2021 11:11

Tgt Ion:180 Resp: 144448
Ion Ratio Lower Upper
180 100
182 94.4 76.8 115.2
145 33.6 26.5 39.7

