

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100721\
 Data File : VU045232.D
 Acq On : 08 Oct 2021 01:03
 Operator : SY/MD
 Sample : M4138-02MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 08 02:14:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 22:18:46 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	294165	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	288096	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	135322	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	120724	37.489	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.980%
7) Chloroethane-d5	1.896	69	101467	39.762	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.520%
11) 1,1-Dichloroethene-d2	2.565	63	215053	39.766	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.540%
21) 2-Butanone-d5	4.626	46	221257	86.909	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.910%
24) Chloroform-d	5.067	84	222348	43.717	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.440%
26) 1,2-Dichloroethane-d4	5.707	65	149627	43.432	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.860%
32) Benzene-d6	5.732	84	433231	43.337	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.680%
36) 1,2-Dichloropropane-d6	6.694	67	142561	43.735	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.480%
41) Toluene-d8	7.903	98	392738	45.524	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.040%
43) trans-1,3-Dichloroprop...	8.182	79	66718	46.013	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.020%
47) 2-Hexanone-d5	8.636	63	162668	90.051	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.050%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	231165	45.542	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.080%
66) 1,2-Dichlorobenzene-d4	12.198	152	141298	47.979	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	121414	43.106	ug/L	99
3) Chloromethane	1.523	50	135530	38.604	ug/L	100
5) Vinyl chloride	1.604	62	161480	46.947	ug/L #	57
6) Bromomethane	1.832	94	47416	28.741	ug/L	97
8) Chloroethane	1.919	64	98471	45.614	ug/L	93
9) Trichlorofluoromethane	2.131	101	180655	45.888	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	107158	43.124	ug/L	99
12) 1,1-Dichloroethene	2.578	96	109364	48.009	ug/L	82
13) Acetone	2.633	43	152434	51.798	ug/L	99
14) Carbon disulfide	2.790	76	325183	44.559	ug/L	100
15) Methyl Acetate	2.951	43	140528	38.719	ug/L	97
16) Methylene chloride	3.048	84	135687	47.016	ug/L	94
17) trans-1,2-Dichloroethene	3.353	96	114701	47.799	ug/L	98
18) Methyl tert-butyl Ether	3.369	73	423329	53.501	ug/L	98
19) 1,1-Dichloroethane	3.874	63	235917	47.257	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	134128	50.724	ug/L	93
22) 2-Butanone	4.707	43	242795	73.715	ug/L	97
23) Bromochloromethane	4.980	128	64104	47.822	ug/L	97
25) Chloroform	5.092	83	235758	47.504	ug/L	98

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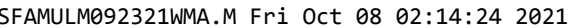
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 ClientSampleId :

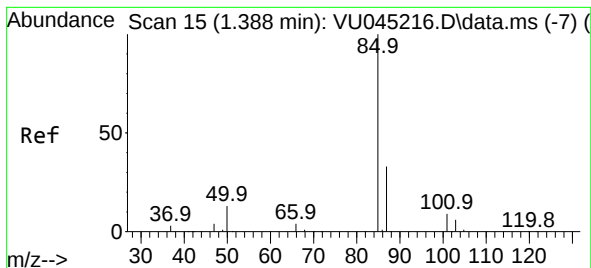
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	200630	48.333	ug/L	99
29) Cyclohexane	5.391	56	200320	46.258	ug/L	97
30) 1,1,1-Trichloroethane	5.321	97	191255	47.957	ug/L	98
31) Carbon tetrachloride	5.527	117	146413	46.483	ug/L	99
33) Benzene	5.777	78	519768	48.643	ug/L	100
34) Trichloroethene	6.546	95	119977	46.747	ug/L	99
35) Methylcyclohexane	6.764	83	188562	43.883	ug/L	97
37) 1,2-Dichloropropane	6.797	63	139387	47.911	ug/L	100
38) Bromodichloromethane	7.108	83	175880	49.319	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	208449	50.075	ug/L	98
40) 4-Methyl-2-pentanone	7.797	43	478798	98.520	ug/L	97
42) Toluene	7.973	91	564394	51.985	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	198900	50.250	ug/L	100
45) 1,1,2-Trichloroethane	8.404	97	133513	50.639	ug/L	99
46) Tetrachloroethene	8.555	164	81822	44.603	ug/L	98
48) 2-Hexanone	8.687	43	386767	89.744	ug/L	99
49) Dibromochloromethane	8.813	129	127831	49.023	ug/L	98
50) 1,2-Dibromoethane	8.928	107	141123	51.123	ug/L	100
51) Chlorobenzene	9.449	112	331844	49.510	ug/L	99
52) Ethylbenzene	9.575	91	648319	56.527	ug/L	100
53) m,p-Xylene	9.697	106	303037	69.747	ug/L	99
54) o-xylene	10.105	106	248400	58.181	ug/L	98
55) Styrene	10.118	104	378468	51.547	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.787	83	251763	49.871	ug/L	98
59) Bromoform	10.295	173	90855	54.136	ug/L	99
60) 1,2,3-Trichloropropane	10.829	75	201964	53.961	ug/L	99
61) Isopropylbenzene	10.488	105	574605	58.021	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	483971	58.516	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	495593	58.516	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	237334	51.857	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	239550	51.015	ug/L	98
67) 1,2-Dichlorobenzene	12.218	146	248412	52.872	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	56747	52.759	ug/L	99
69) 1,3,5-Trichlorobenzene	13.224	180	149951	47.211	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	128484	48.680	ug/L	100
71) Naphthalene	14.089	128	542975	59.366	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	133957	49.605	ug/L	99

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

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#2

Dichlorodifluoromethane

Concen: 43.106 ug/L

RT: 1.385 min Scan# 14

Delta R.T. -0.003 min

Lab File: VU045232.D

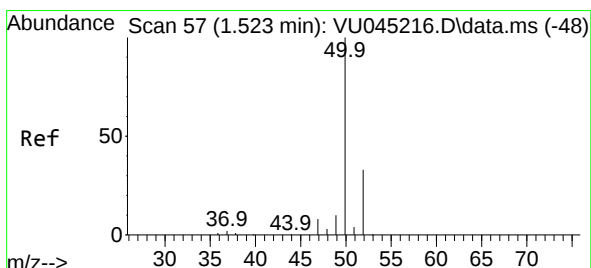
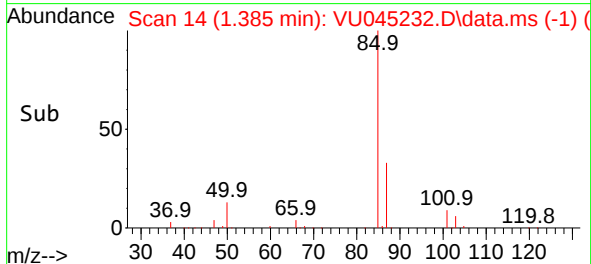
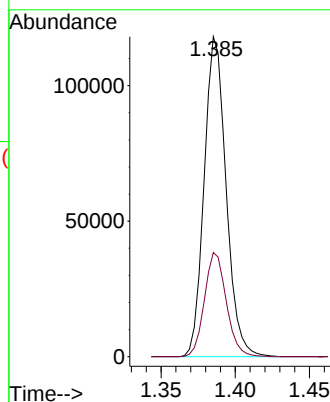
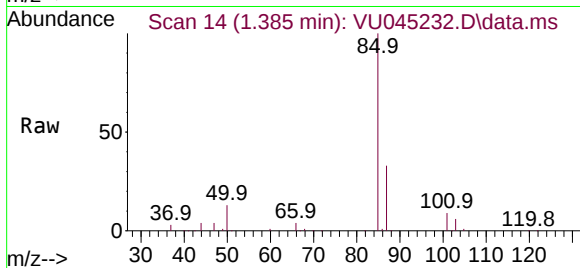
Acq: 08 Oct 2021 01:03

Tgt Ion: 85 Resp: 121414

Ion Ratio Lower Upper

85 100

87 32.3 25.2 37.8



#3

Chloromethane

Concen: 38.604 ug/L

RT: 1.523 min Scan# 57

Delta R.T. 0.000 min

Lab File: VU045232.D

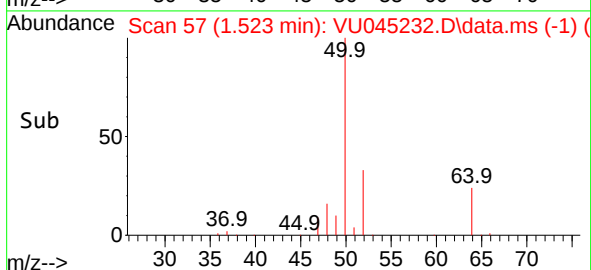
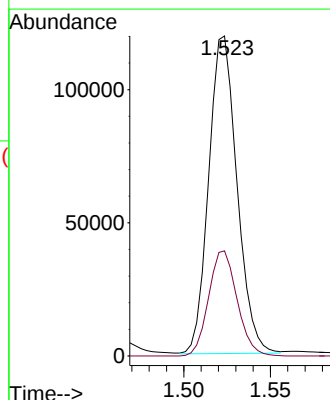
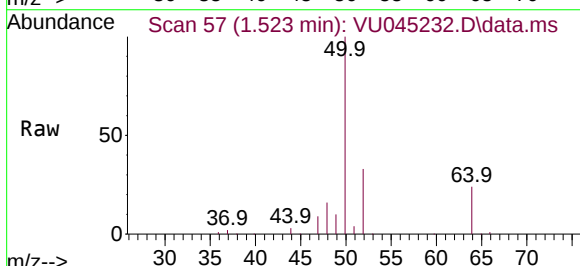
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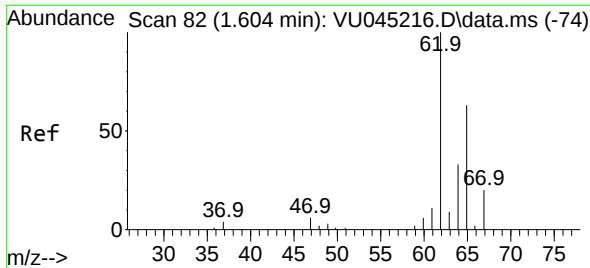
Tgt Ion: 50 Resp: 135530

Ion Ratio Lower Upper

50 100

52 32.8 23.0 42.8

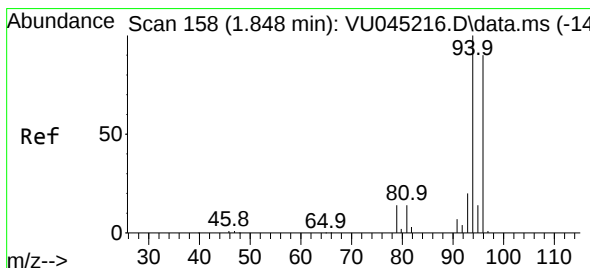
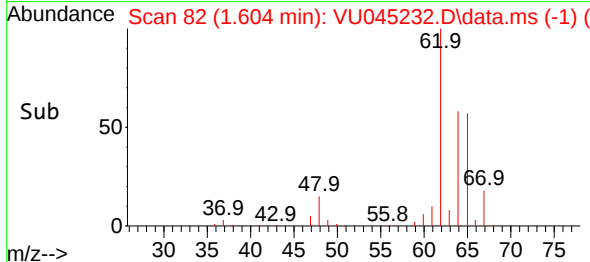
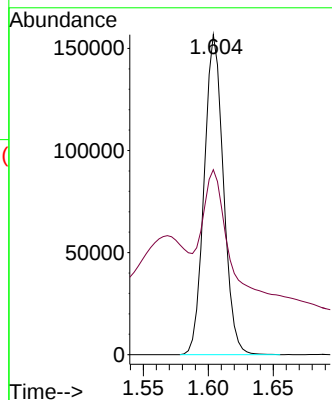
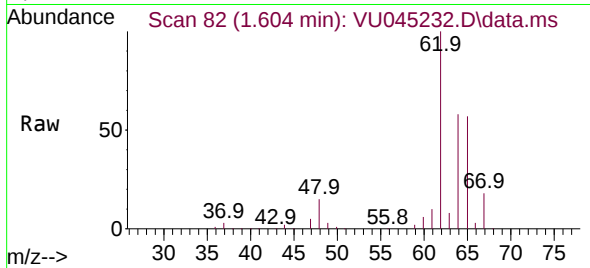




#5
 Vinyl chloride
 Concen: 46.947 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: VU045232.D
 Acq: 08 Oct 2021 01:03

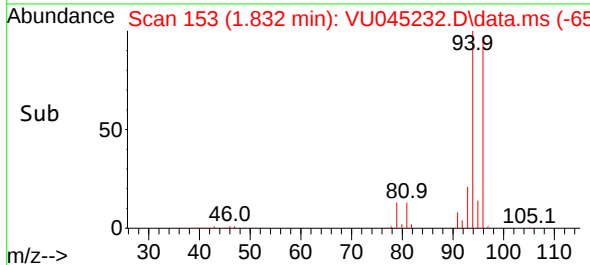
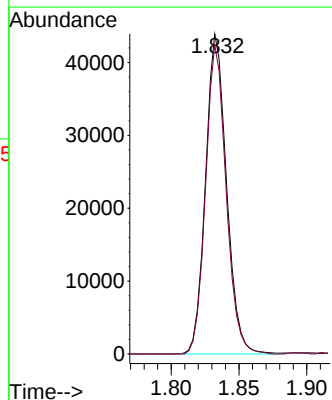
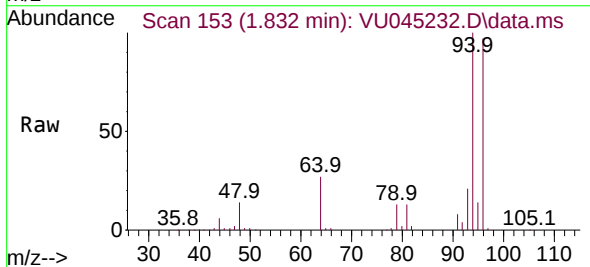
Instrument :
 MSVOA_U
 ClientSampled :

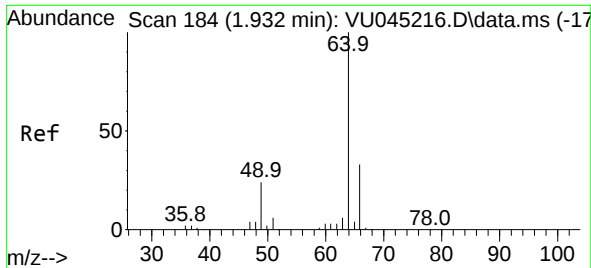
Tgt Ion: 62 Resp: 161480
 Ion Ratio Lower Upper
 62 100
 64 57.8 23.4 43.6#



#6
 Bromomethane
 Concen: 28.741 ug/L
 RT: 1.832 min Scan# 153
 Delta R.T. -0.016 min
 Lab File: VU045232.D
 Acq: 08 Oct 2021 01:03

Tgt Ion: 94 Resp: 47416
 Ion Ratio Lower Upper
 94 100
 96 96.6 65.7 121.9

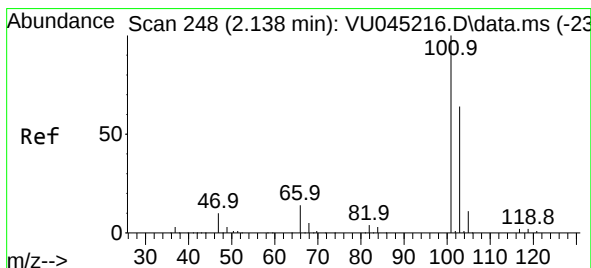
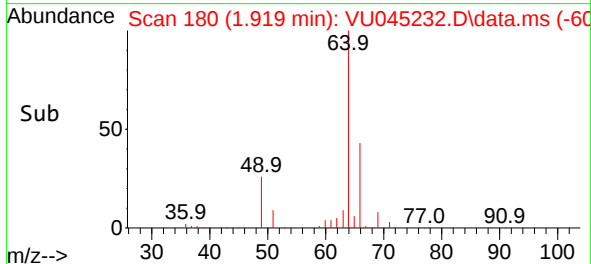
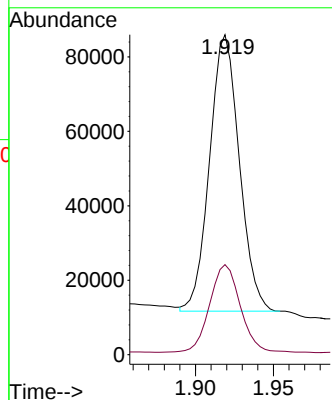
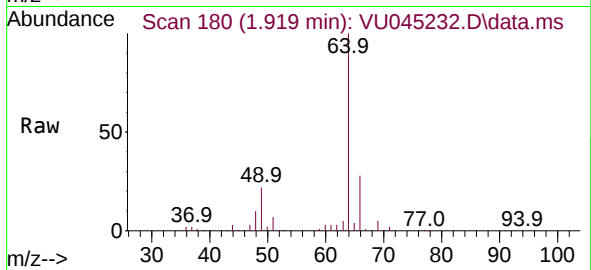




#8
Chloroethane
Concen: 45.614 ug/L
RT: 1.919 min Scan# 180
Delta R.T. -0.013 min
Lab File: VU045232.D
Acq: 08 Oct 2021 01:03

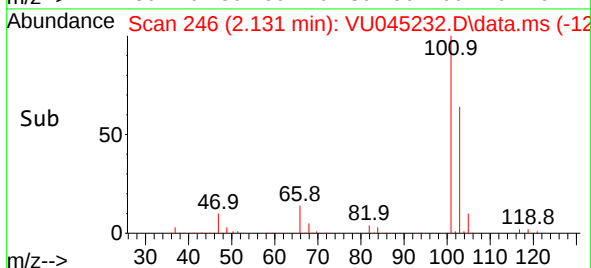
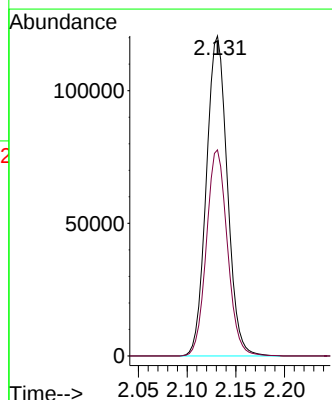
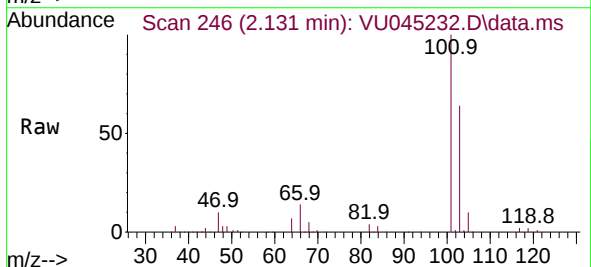
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MSVOA_U
ClientSampled :

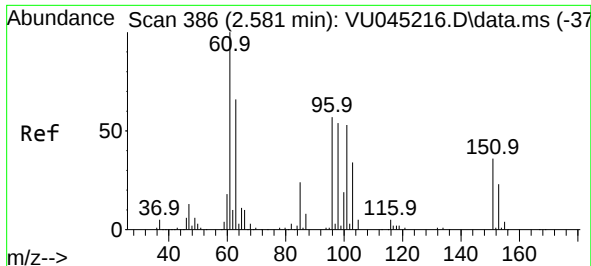
Tgt Ion: 64 Resp: 98471
Ion Ratio Lower Upper
64 100
66 28.2 22.3 41.3



#9
Trichlorofluoromethane
Concen: 45.888 ug/L
RT: 2.131 min Scan# 246
Delta R.T. -0.006 min
Lab File: VU045232.D
Acq: 08 Oct 2021 01:03

Tgt Ion:101 Resp: 180655
Ion Ratio Lower Upper
101 100
103 64.4 50.9 76.3

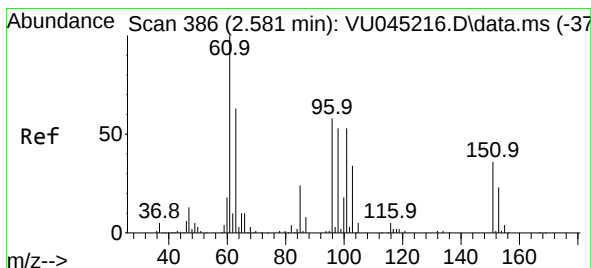
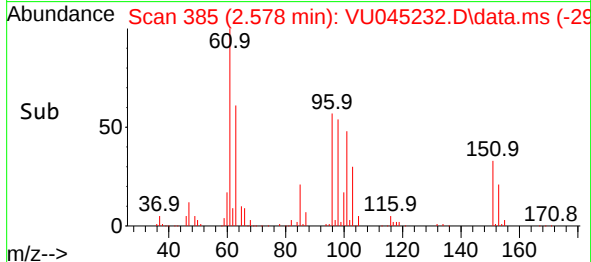
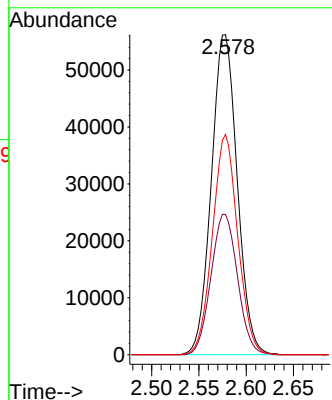
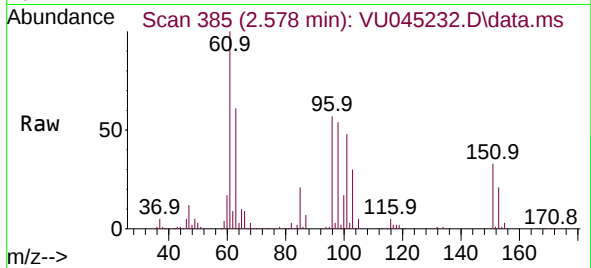




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 43.124 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU045232.D
Acq: 08 Oct 2021 01:03

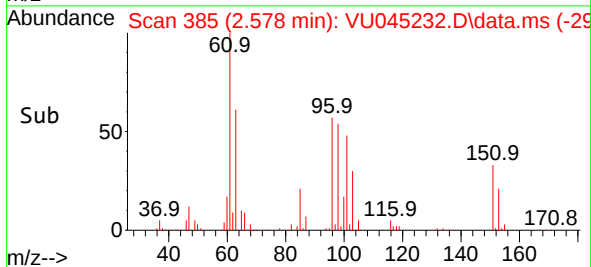
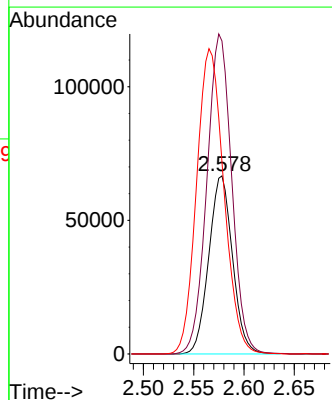
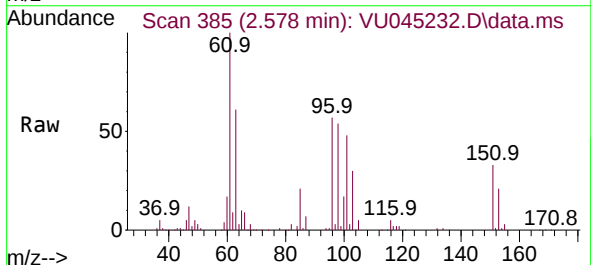
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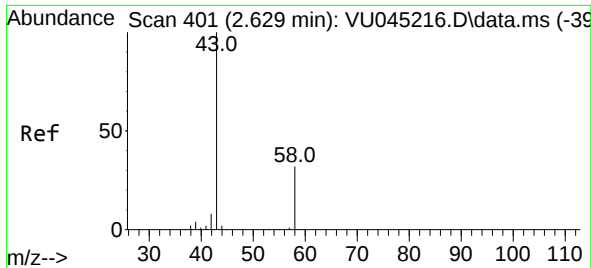
Tgt Ion:101 Resp: 107158
Ion Ratio Lower Upper
101 100
85 44.9 36.4 54.6
151 67.3 54.4 81.6



#12
1,1-Dichloroethene
Concen: 48.009 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU045232.D
Acq: 08 Oct 2021 01:03

Tgt Ion: 96 Resp: 109364
Ion Ratio Lower Upper
96 100
61 175.8 131.3 243.9
63 108.0 102.5 190.3

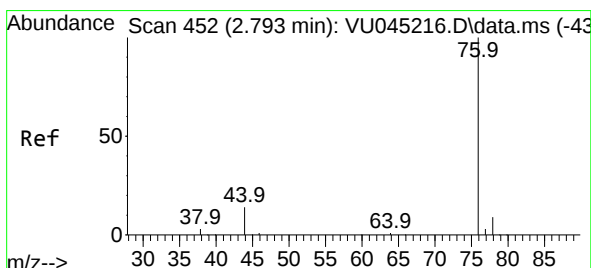
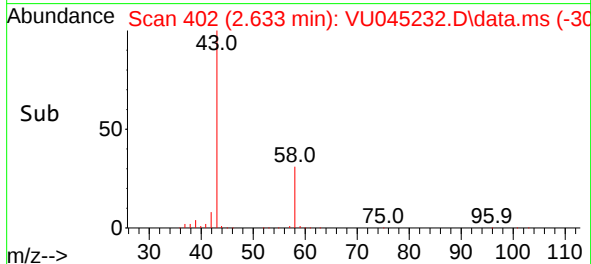
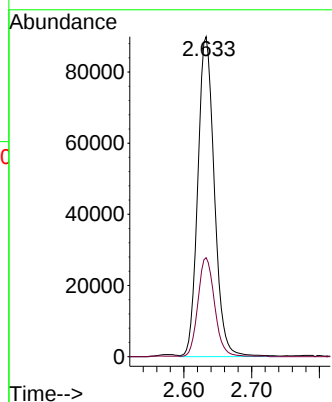
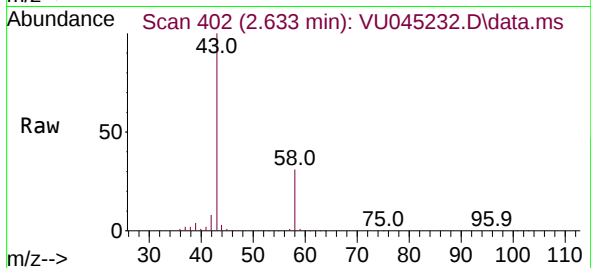




#13
Acetone
Concen: 51.798 ug/L
RT: 2.633 min Scan# 402
Delta R.T. 0.003 min
Lab File: VU045232.D
Acq: 08 Oct 2021 01:03

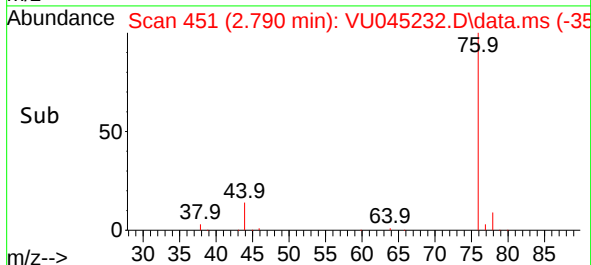
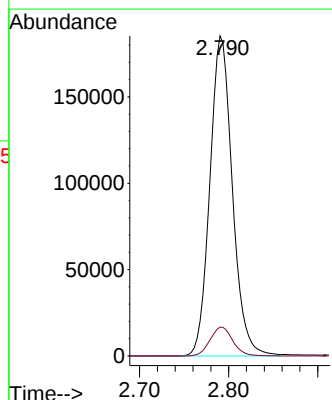
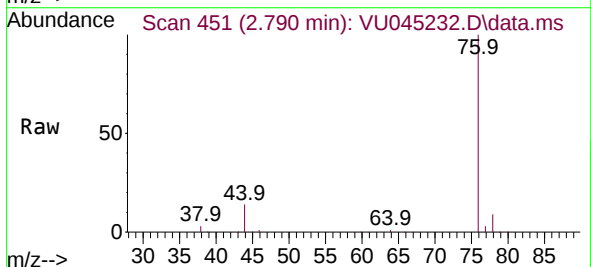
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ClientSampled :

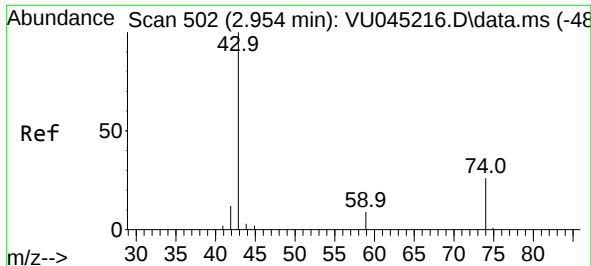
Tgt Ion: 43 Resp: 152434
Ion Ratio Lower Upper
43 100
58 30.7 0.0 62.8



#14
Carbon disulfide
Concen: 44.559 ug/L
RT: 2.790 min Scan# 451
Delta R.T. -0.003 min
Lab File: VU045232.D
Acq: 08 Oct 2021 01:03

Tgt Ion: 76 Resp: 325183
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

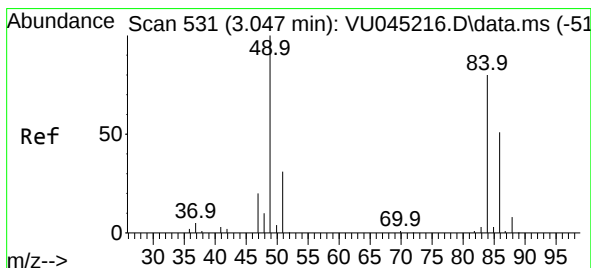
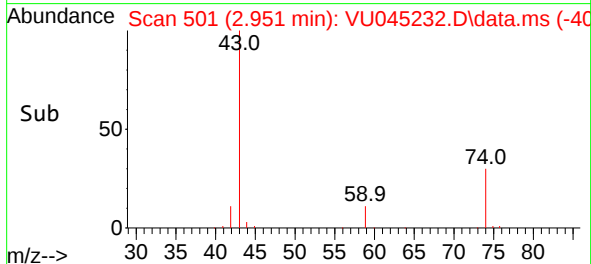
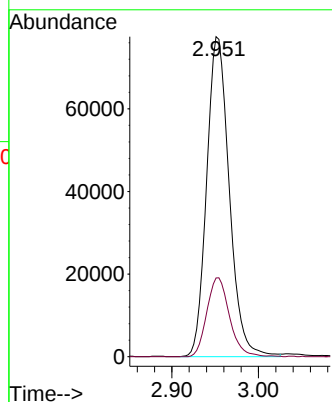
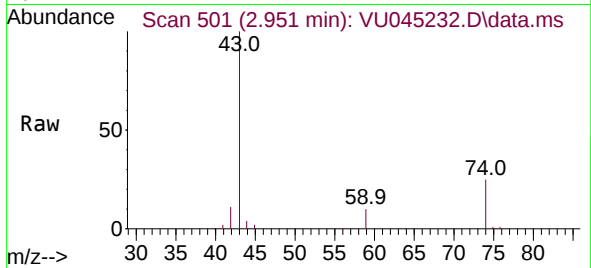




#15
Methyl Acetate
Concen: 38.719 ug/L
RT: 2.951 min Scan# 501
Delta R.T. -0.003 min
Lab File: VU045232.D
Acq: 08 Oct 2021 01:03

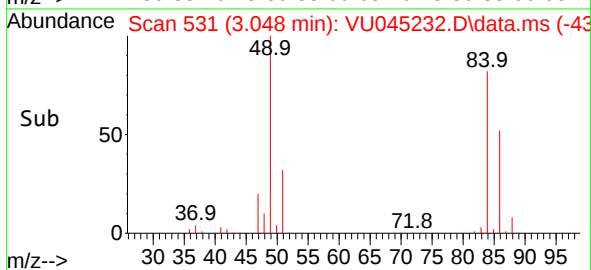
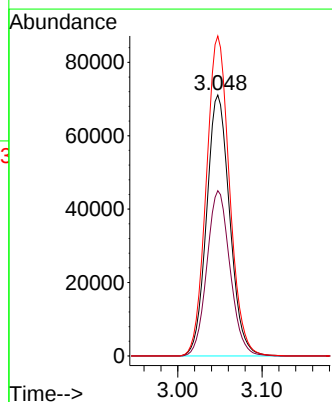
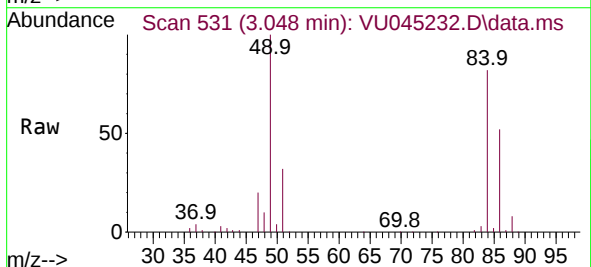
Instrument :
MSVOA_U
ClientSampleId :

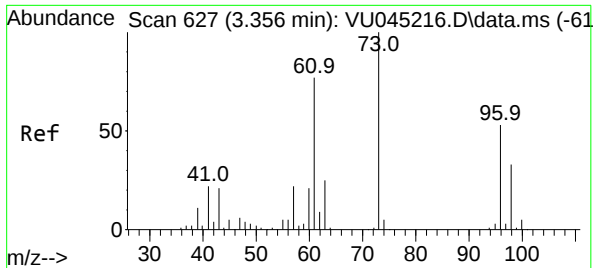
Tgt Ion: 43 Resp: 140528
Ion Ratio Lower Upper
43 100
74 24.6 18.4 27.6



#16
Methylene chloride
Concen: 47.016 ug/L
RT: 3.048 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU045232.D
Acq: 08 Oct 2021 01:03

Tgt Ion: 84 Resp: 135687
Ion Ratio Lower Upper
84 100
86 63.3 44.7 83.1
49 122.6 92.9 172.5



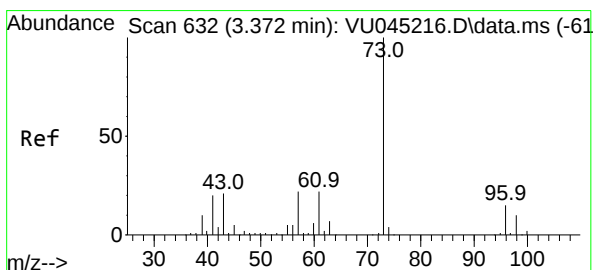
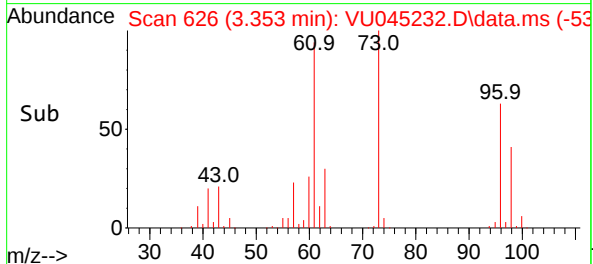
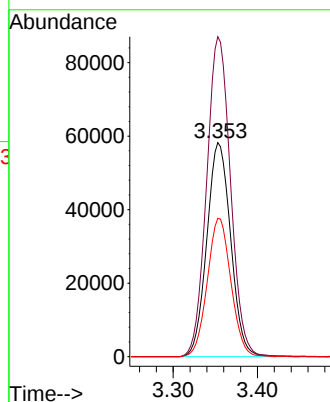
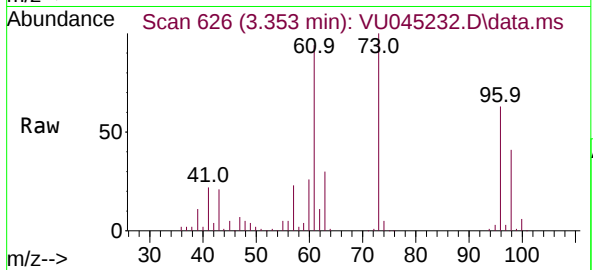


#17

trans-1,2-Dichloroethene
Concen: 47.799 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.003 min
Lab File: VU045232.D
Acq: 08 Oct 2021 01:03

Instrument :
MSVOA_U
ClientSampleId :

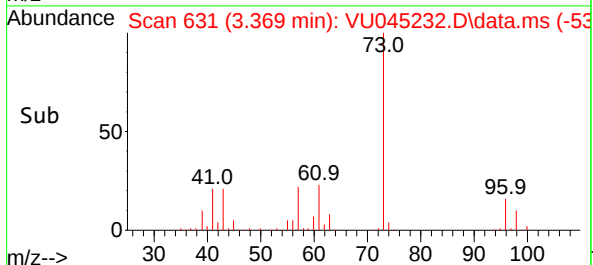
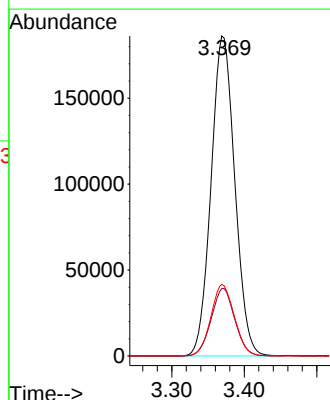
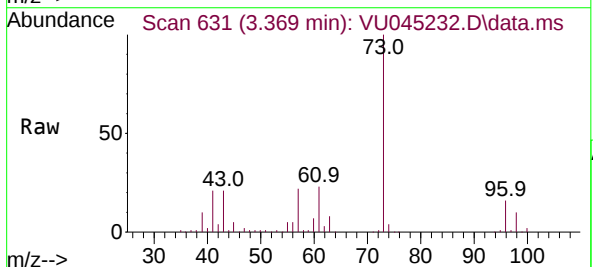
Tgt Ion: 96 Resp: 114701
Ion Ratio Lower Upper
96 100
61 149.5 105.1 195.3
98 64.7 43.0 79.8

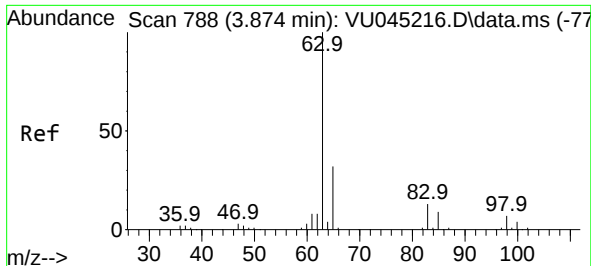


#18

Methyl tert-butyl Ether
Concen: 53.501 ug/L
RT: 3.369 min Scan# 631
Delta R.T. -0.003 min
Lab File: VU045232.D
Acq: 08 Oct 2021 01:03

Tgt Ion: 73 Resp: 423329
Ion Ratio Lower Upper
73 100
43 21.0 17.3 25.9
57 22.2 18.7 28.1





#19

1,1-Dichloroethane

Concen: 47.257 ug/L

RT: 3.874 min Scan# 788

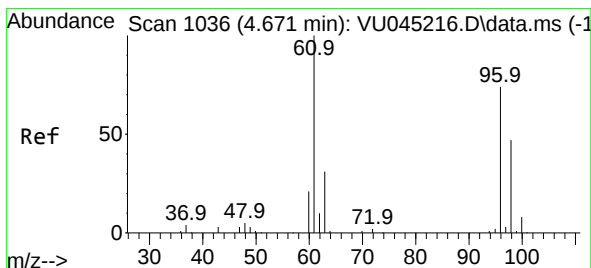
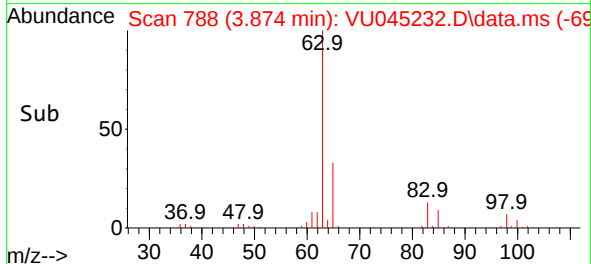
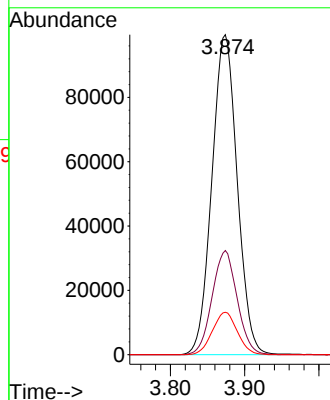
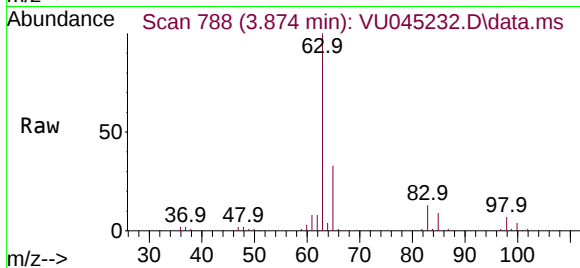
Delta R.T. 0.000 min

Lab File: VU045232.D

Acq: 08 Oct 2021 01:03

Tgt Ion: 63 Resp: 235917

Ion	Ratio	Lower	Upper
63	100		
65	32.6	22.0	40.8
83	13.2	9.0	16.6



#20

cis-1,2-Dichloroethene

Concen: 50.724 ug/L

RT: 4.671 min Scan# 1036

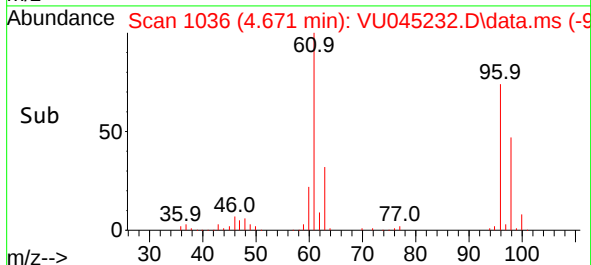
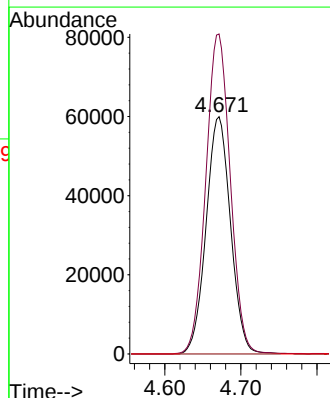
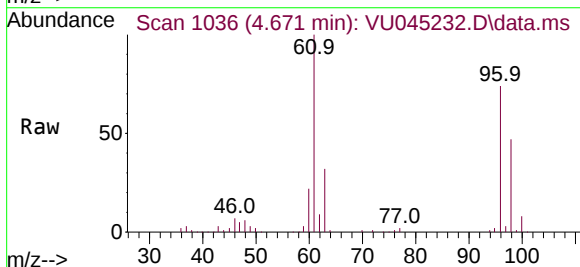
Delta R.T. 0.000 min

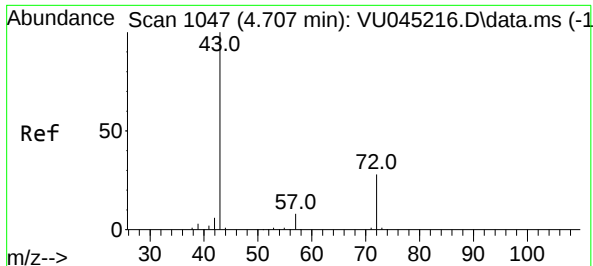
Lab File: VU045232.D

Acq: 08 Oct 2021 01:03

Tgt Ion: 96 Resp: 134128

Ion	Ratio	Lower	Upper
96	100		
61	134.8	100.2	186.0
68	0.0	0.0	0.0

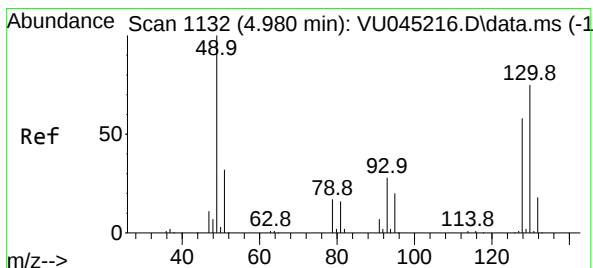
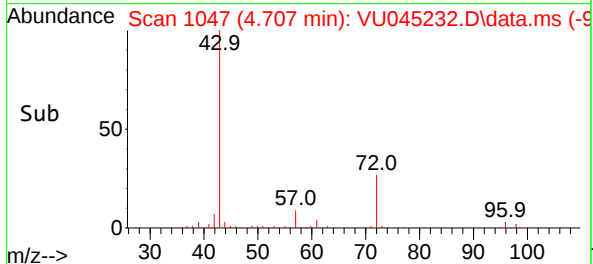
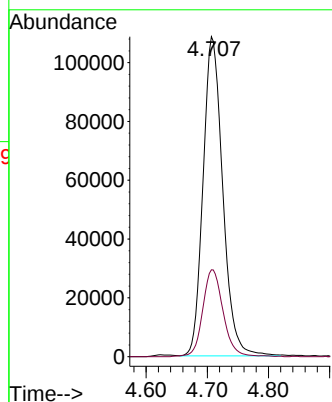
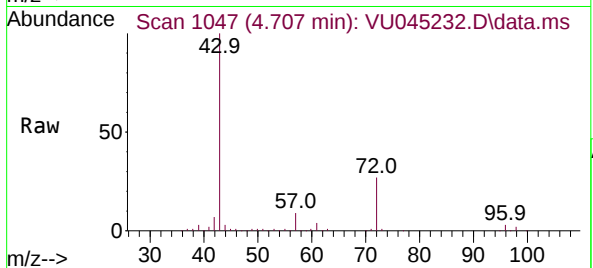




#22
2-Butanone
Concen: 73.715 ug/L
RT: 4.707 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU045232.D
Acq: 08 Oct 2021 01:03

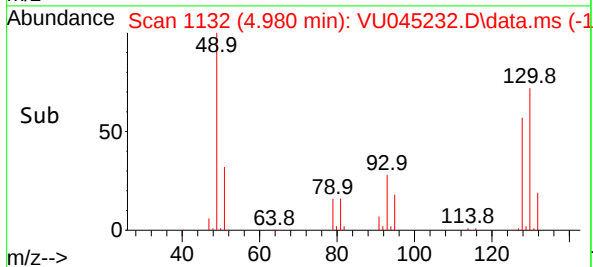
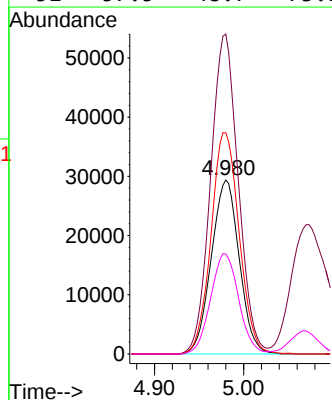
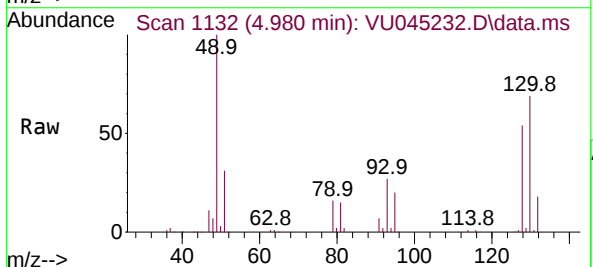
Instrument :
MSVOA_U
ClientSampled :

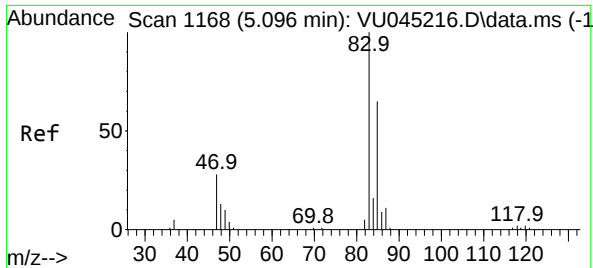
Tgt Ion: 43 Resp: 242795
Ion Ratio Lower Upper
43 100
72 28.2 13.3 39.9



#23
Bromochloromethane
Concen: 47.822 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VU045232.D
Acq: 08 Oct 2021 01:03

Tgt Ion:128 Resp: 64104
Ion Ratio Lower Upper
128 100
49 184.1 132.9 246.7
130 127.2 88.2 163.8
51 57.5 48.7 73.1



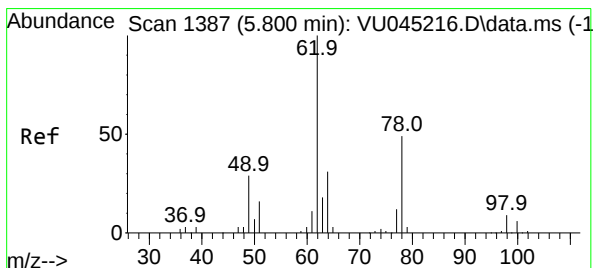
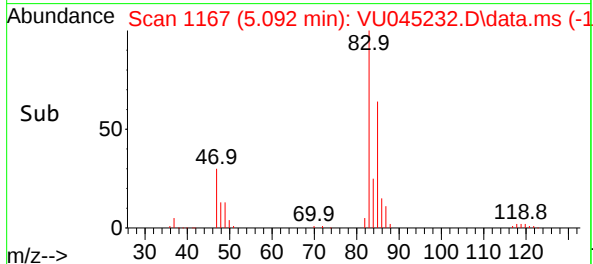
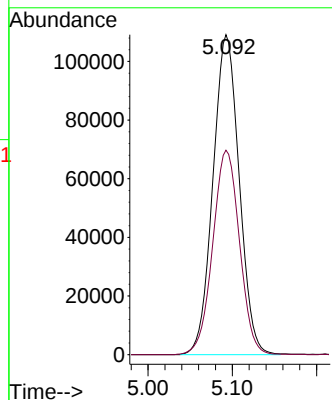
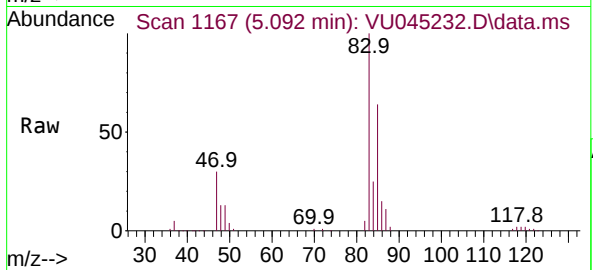


#25

Chloroform
Concen: 47.504 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.003 min
Lab File: VU045232.D
Acq: 08 Oct 2021 01:03

Instrument :
MSVOA_U
ClientSampled :

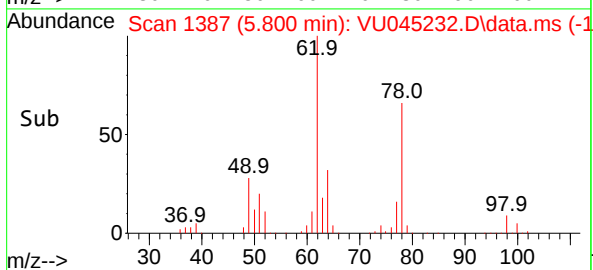
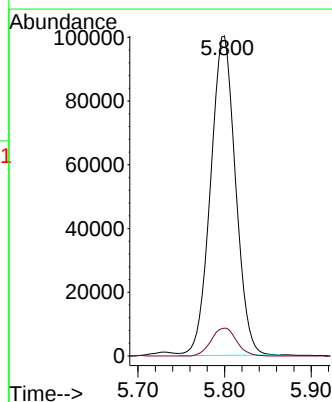
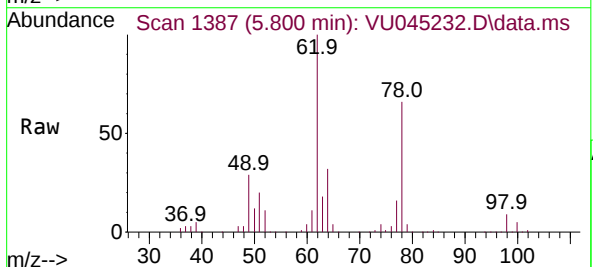
Tgt Ion: 83 Resp: 235758
Ion Ratio Lower Upper
83 100
85 63.9 45.6 84.6

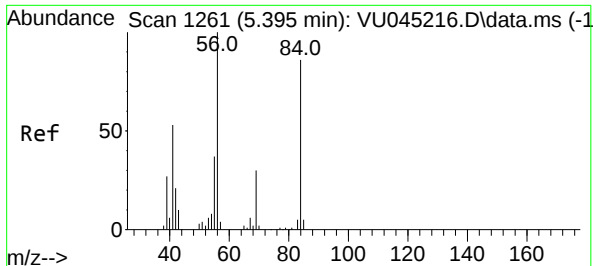


#27

1,2-Dichloroethane
Concen: 48.333 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VU045232.D
Acq: 08 Oct 2021 01:03

Tgt Ion: 62 Resp: 200630
Ion Ratio Lower Upper
62 100
98 8.7 7.1 10.7





#29

Cyclohexane

Concen: 46.258 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.003 min

Lab File: VU045232.D

Acq: 08 Oct 2021 01:03

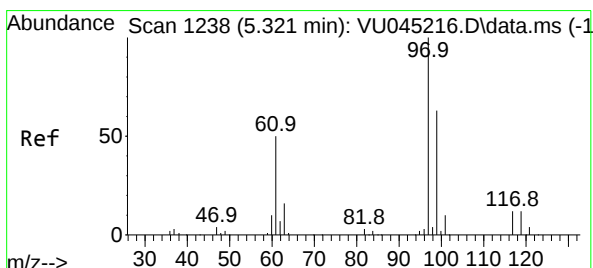
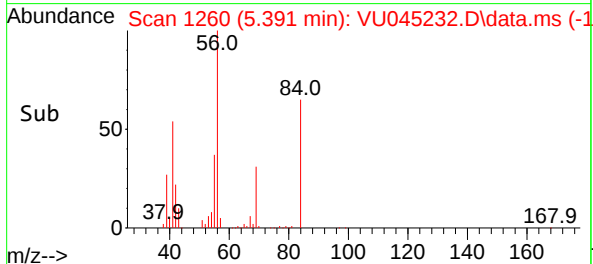
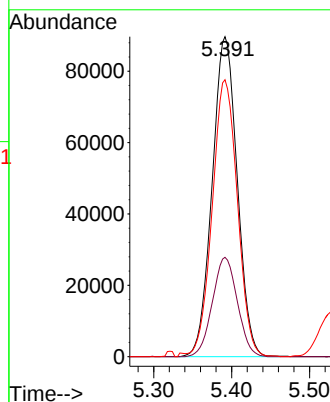
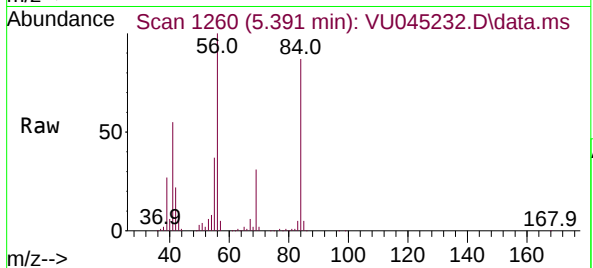
Tgt Ion: 56 Resp: 200320

Ion Ratio Lower Upper

56 100

69 31.0 23.8 35.8

84 86.6 66.8 100.2



#30

1,1,1-Trichloroethane

Concen: 47.957 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU045232.D

Acq: 08 Oct 2021 01:03

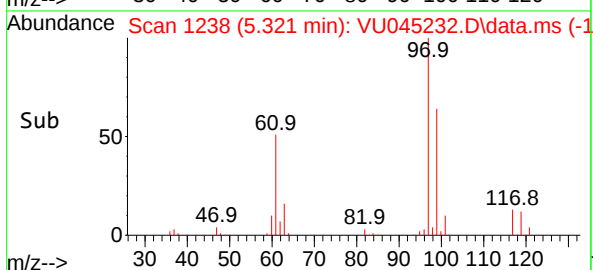
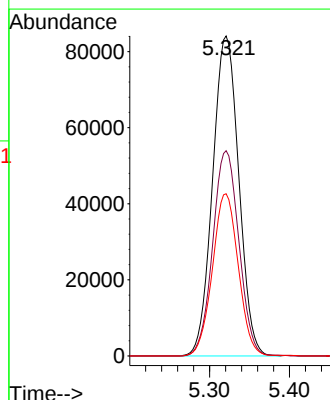
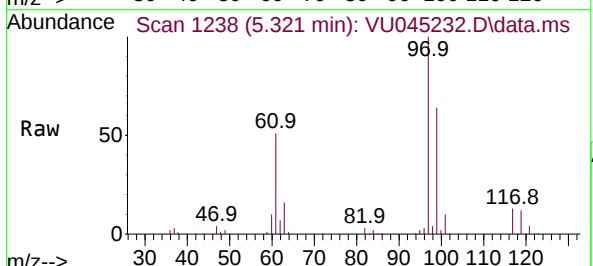
Tgt Ion: 97 Resp: 191255

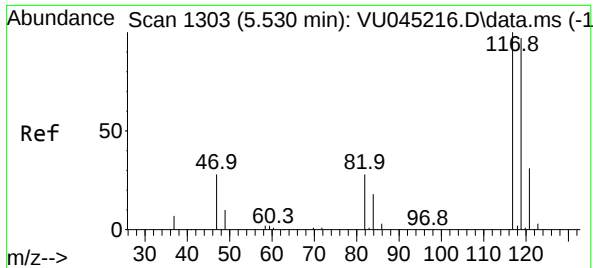
Ion Ratio Lower Upper

97 100

99 64.0 50.6 75.8

61 50.1 41.3 61.9

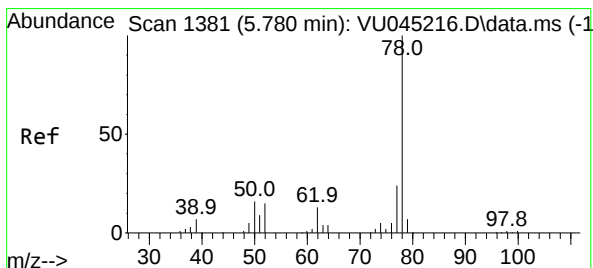
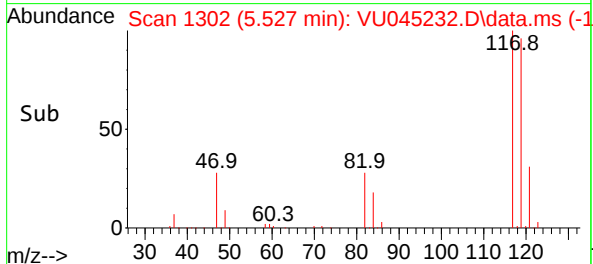
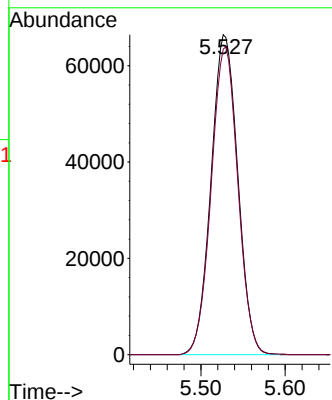
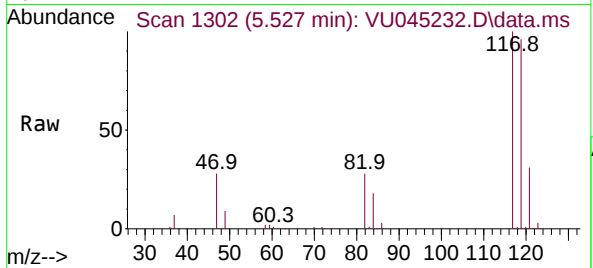




#31
Carbon tetrachloride
Concen: 46.483 ug/L
RT: 5.527 min Scan# 1302
Delta R.T. -0.003 min
Lab File: VU045232.D
Acq: 08 Oct 2021 01:03

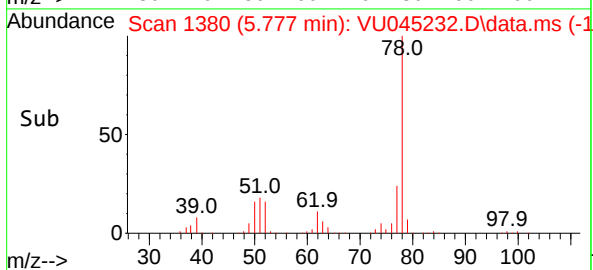
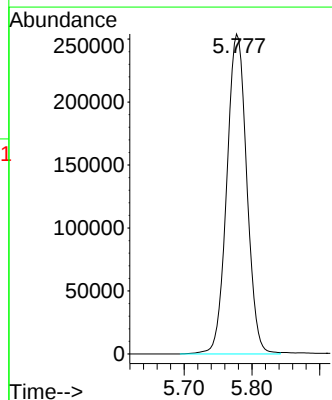
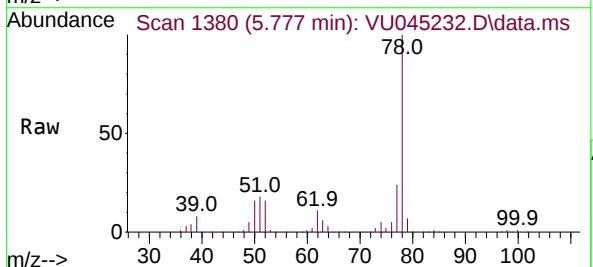
Instrument :
MSVOA_U
ClientSampled :

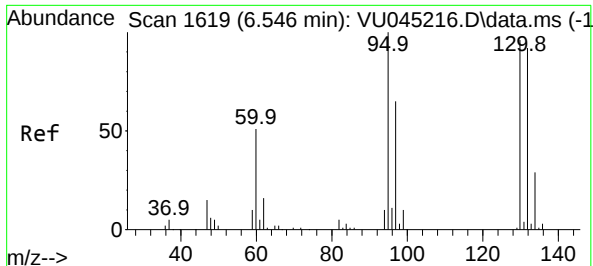
Tgt Ion:117 Resp: 146413
Ion Ratio Lower Upper
117 100
119 95.7 77.7 116.5



#33
Benzene
Concen: 48.643 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU045232.D
Acq: 08 Oct 2021 01:03

Tgt Ion: 78 Resp: 519768





#34

Trichloroethene

Concen: 46.747 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU045232.D

Acq: 08 Oct 2021 01:03

Tgt Ion: 95 Resp: 119977

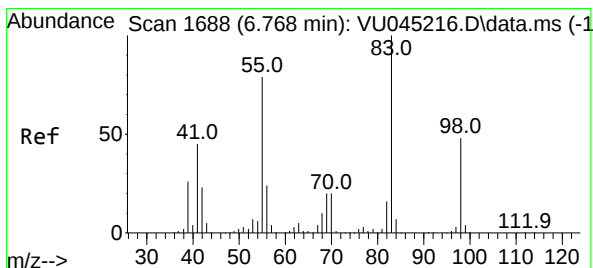
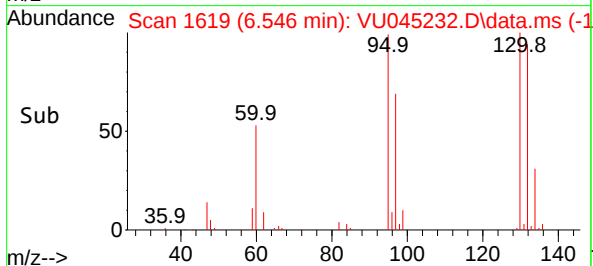
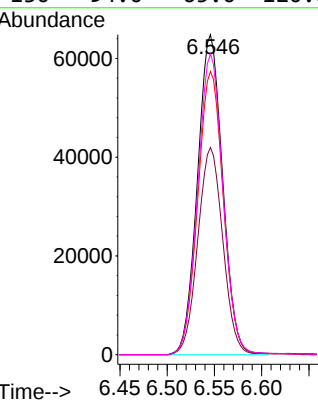
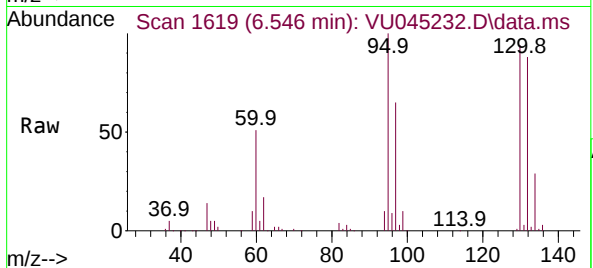
Ion Ratio Lower Upper

95 100

97 64.8 44.4 82.4

132 88.5 62.9 116.9

130 94.0 65.0 120.8



#35

Methylcyclohexane

Concen: 43.883 ug/L

RT: 6.764 min Scan# 1687

Delta R.T. -0.003 min

Lab File: VU045232.D

Acq: 08 Oct 2021 01:03

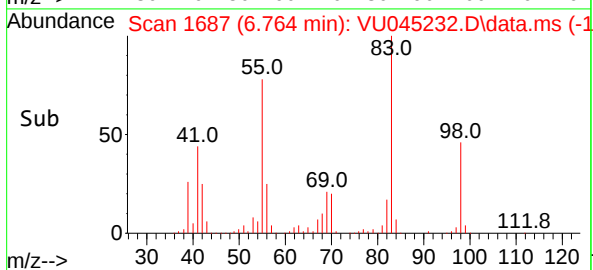
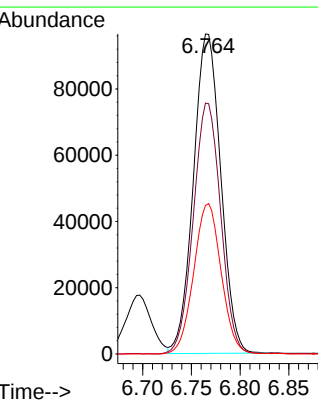
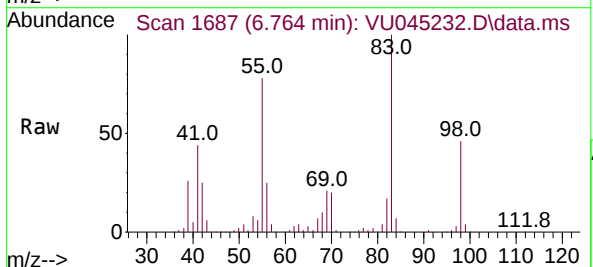
Tgt Ion: 83 Resp: 188562

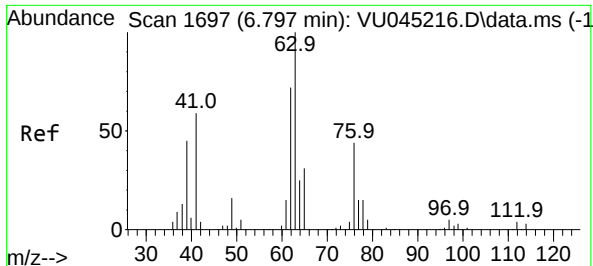
Ion Ratio Lower Upper

83 100

55 78.5 65.8 98.6

98 47.2 37.1 55.7



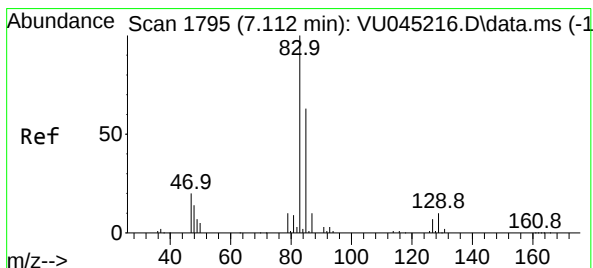
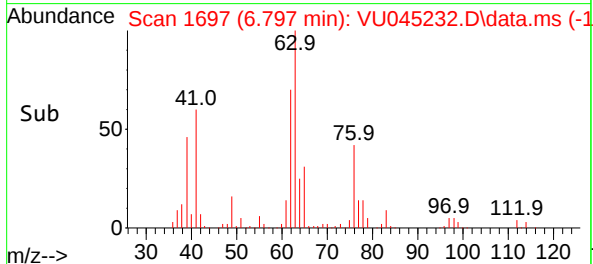
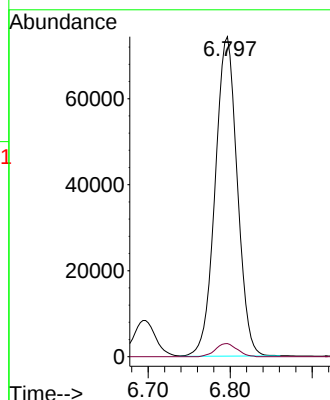
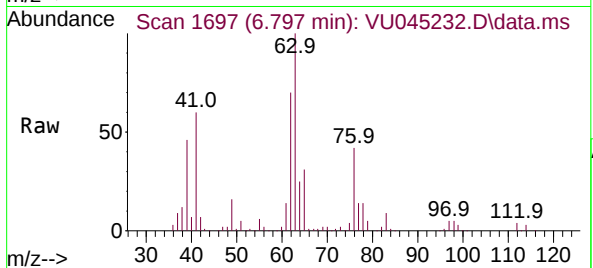


#37

1,2-Dichloropropane
Concen: 47.911 ug/L
RT: 6.797 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VU045232.D
Acq: 08 Oct 2021 01:03

Instrument :
MSVOA_U
ClientSampleId :

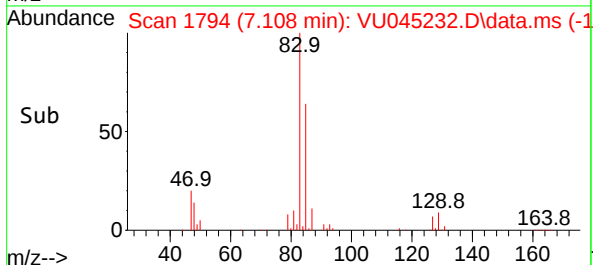
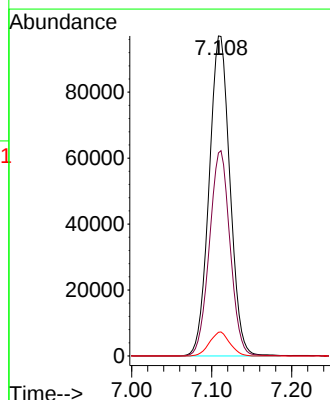
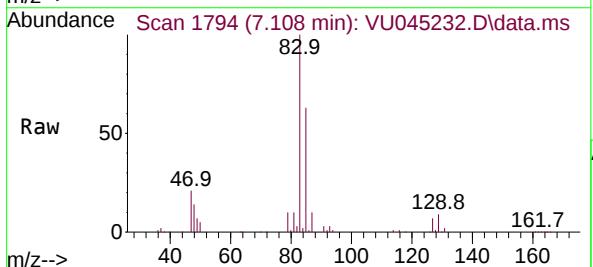
Tgt Ion: 63 Resp: 139387
Ion Ratio Lower Upper
63 100
112 4.0 3.2 4.8

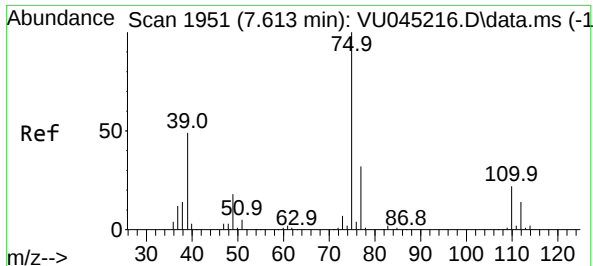


#38

Bromodichloromethane
Concen: 49.319 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. -0.003 min
Lab File: VU045232.D
Acq: 08 Oct 2021 01:03

Tgt Ion: 83 Resp: 175880
Ion Ratio Lower Upper
83 100
85 63.4 44.6 82.8
127 7.4 6.2 9.2



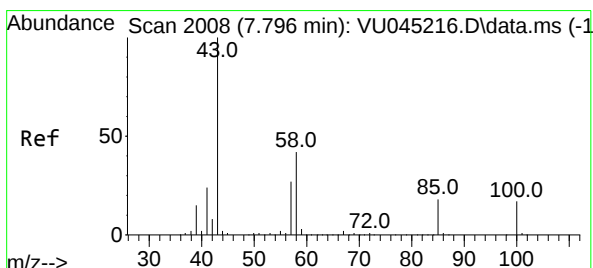
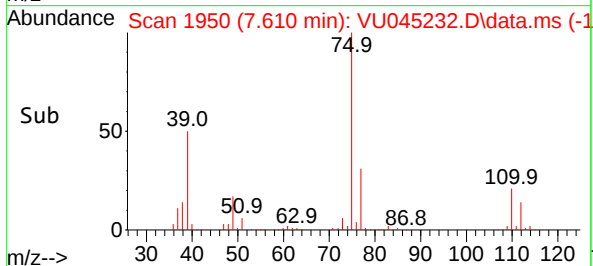
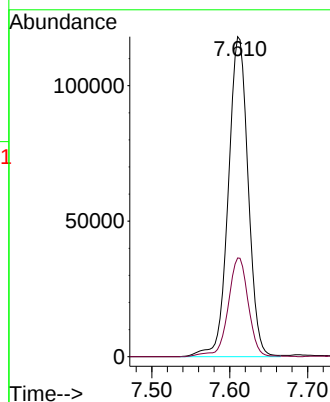
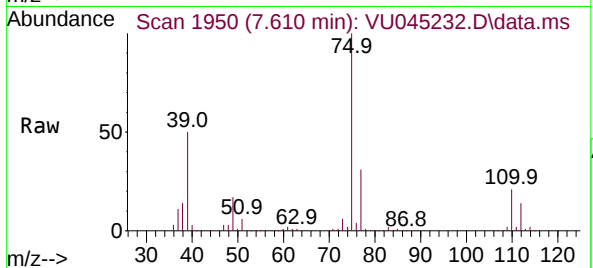


#39

cis-1,3-Dichloropropene
Concen: 50.075 ug/L
RT: 7.610 min Scan# 1950
Delta R.T. -0.003 min
Lab File: VU045232.D
Acq: 08 Oct 2021 01:03

Instrument :
MSVOA_U
ClientSampled :

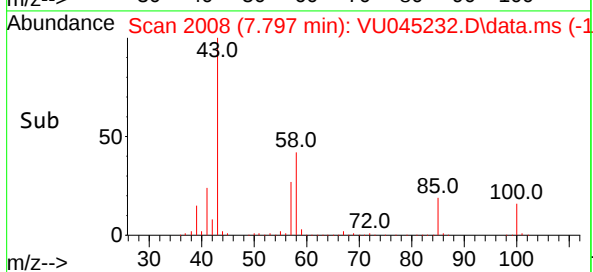
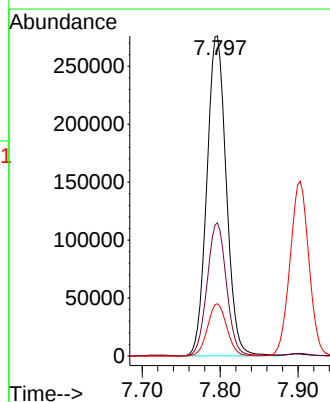
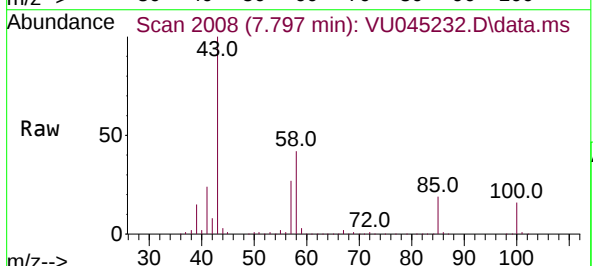
Tgt Ion: 75 Resp: 208449
Ion Ratio Lower Upper
75 100
77 30.9 22.4 41.6

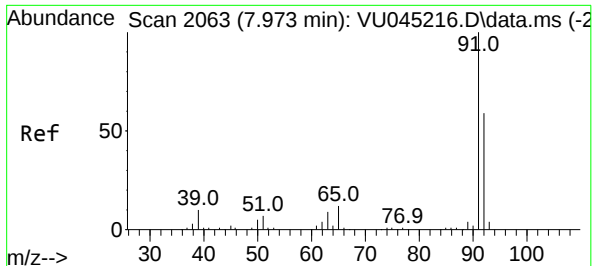


#40

4-Methyl-2-pentanone
Concen: 98.520 ug/L
RT: 7.797 min Scan# 2008
Delta R.T. 0.000 min
Lab File: VU045232.D
Acq: 08 Oct 2021 01:03

Tgt Ion: 43 Resp: 478798
Ion Ratio Lower Upper
43 100
58 41.5 31.8 47.8
100 16.1 11.8 17.6

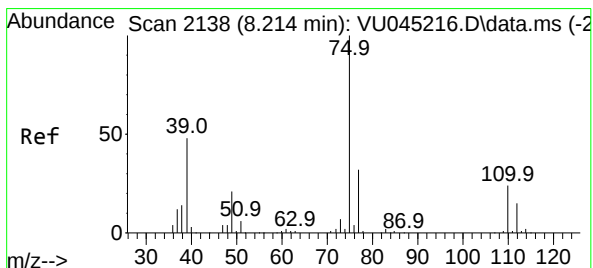
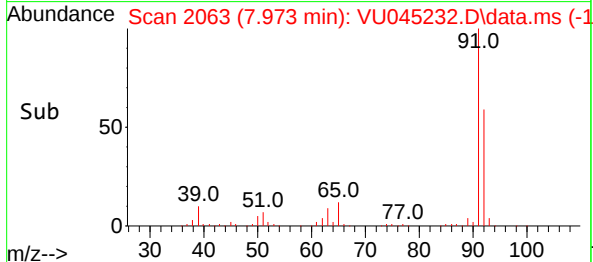
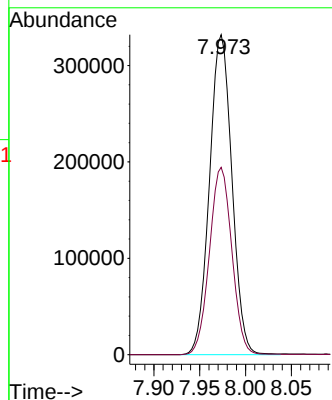
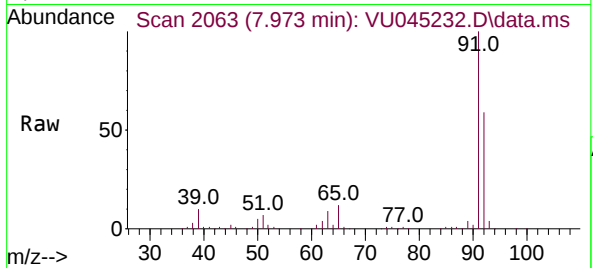




#42
Toluene
Concen: 51.985 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045232.D
Acq: 08 Oct 2021 01:03

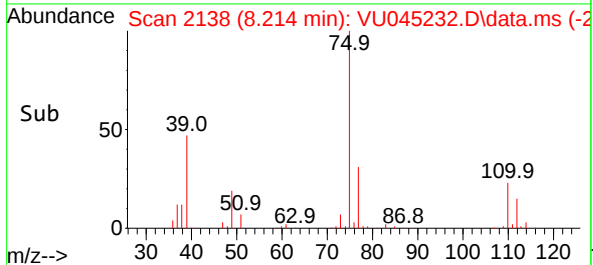
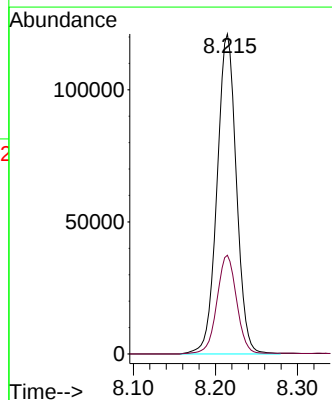
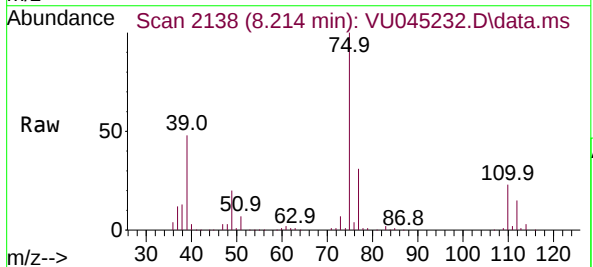
Instrument :
MSVOA_U
ClientSampled :

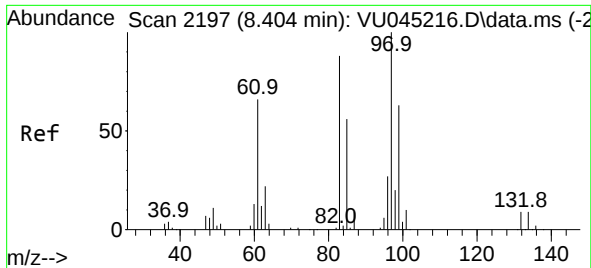
Tgt Ion: 91 Resp: 564394
Ion Ratio Lower Upper
91 100
92 58.6 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 50.250 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU045232.D
Acq: 08 Oct 2021 01:03

Tgt Ion: 75 Resp: 198900
Ion Ratio Lower Upper
75 100
77 30.9 21.7 40.3



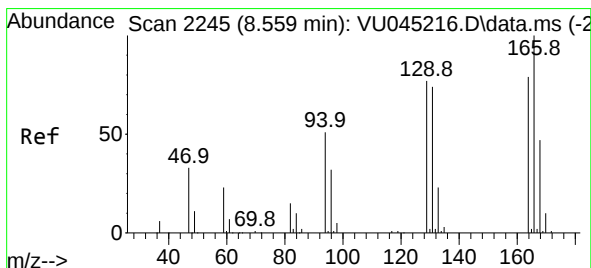
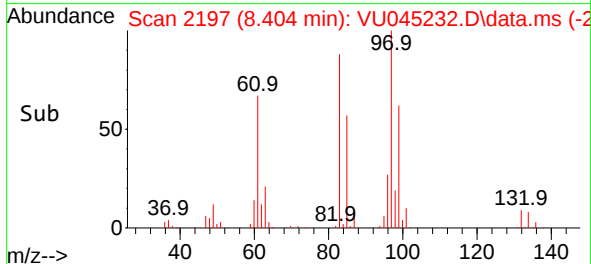
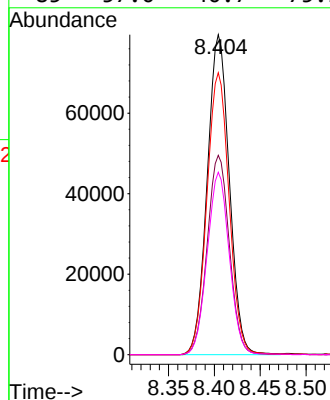
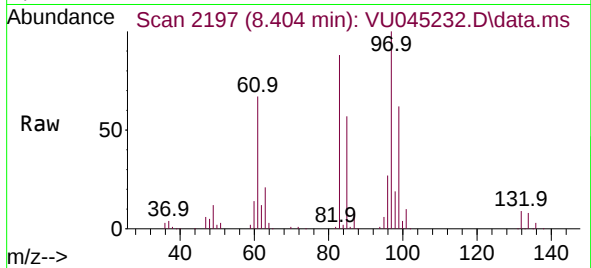


#45
1,1,2-Trichloroethane
Concen: 50.639 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU045232.D
Acq: 08 Oct 2021 01:03

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 133513

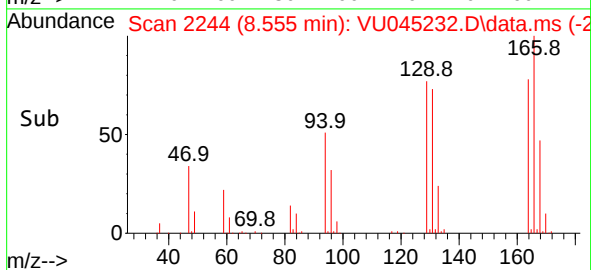
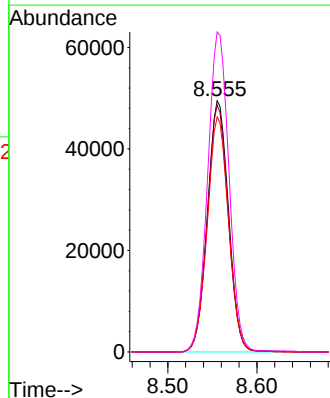
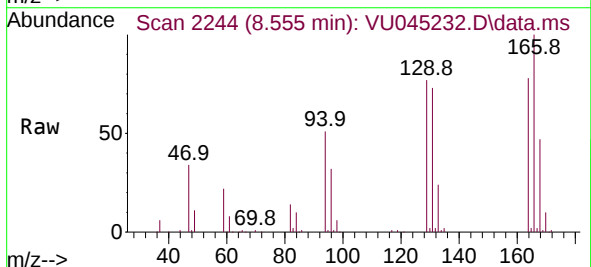
Ion	Ratio	Lower	Upper
97	100		
99	62.3	43.7	81.1
83	88.1	61.9	115.1
85	57.0	40.7	75.5

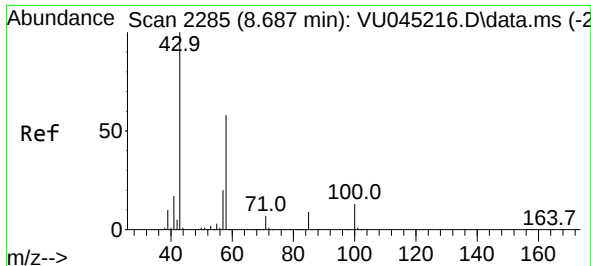


#46
Tetrachloroethene
Concen: 44.603 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU045232.D
Acq: 08 Oct 2021 01:03

Tgt Ion: 164 Resp: 81822

Ion	Ratio	Lower	Upper
164	100		
129	98.3	69.8	129.6
131	93.5	66.4	123.2
166	127.4	91.1	169.3

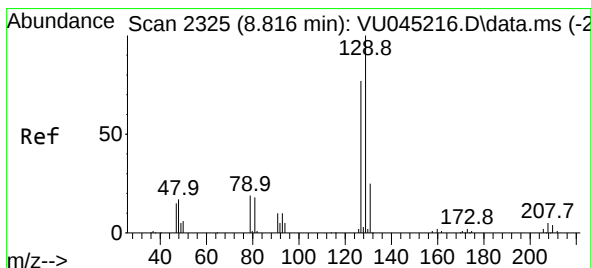
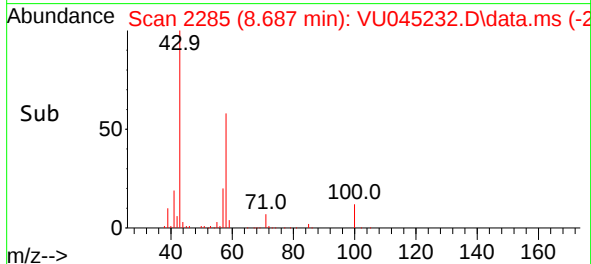
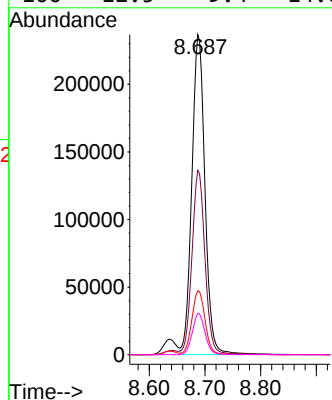
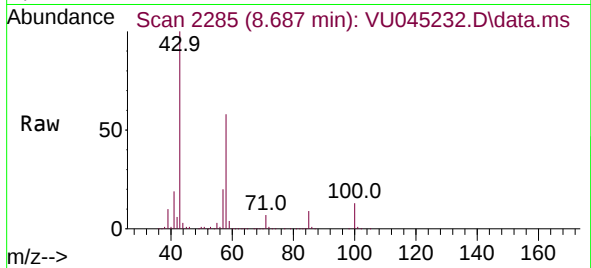




#48
2-Hexanone
Concen: 89.744 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VU045232.D
Acq: 08 Oct 2021 01:03

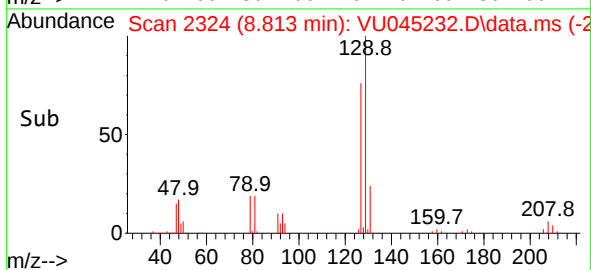
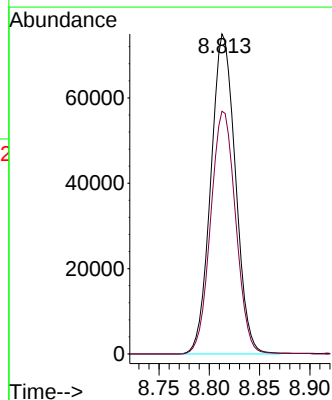
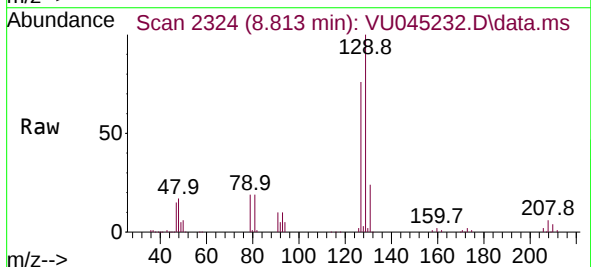
Instrument :
MSVOA_U
ClientSampleId :

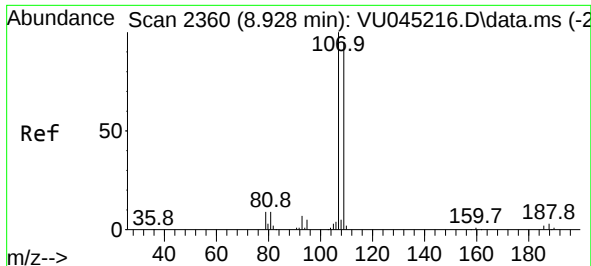
Tgt Ion: 43 Resp: 386767
Ion Ratio Lower Upper
43 100
58 56.4 44.9 67.3
57 19.9 15.5 23.3
100 12.5 9.4 14.0



#49
Dibromochloromethane
Concen: 49.023 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. -0.003 min
Lab File: VU045232.D
Acq: 08 Oct 2021 01:03

Tgt Ion: 129 Resp: 127831
Ion Ratio Lower Upper
129 100
127 75.9 54.3 100.8





#50

1,2-Dibromoethane

Concen: 51.123 ug/L

RT: 8.928 min Scan# 2360

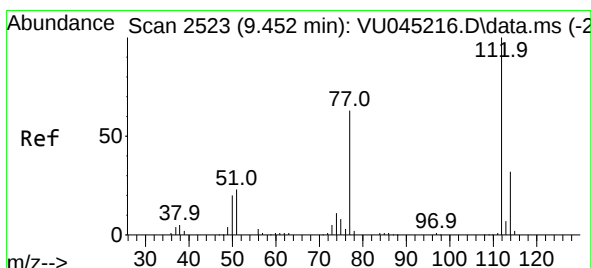
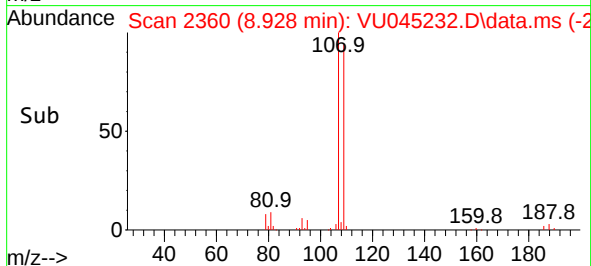
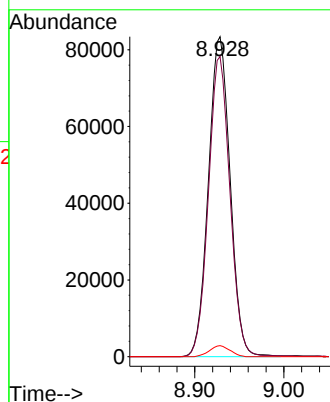
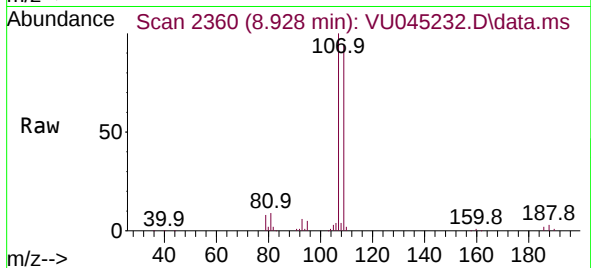
Delta R.T. 0.000 min

Lab File: VU045232.D

Acq: 08 Oct 2021 01:03

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:	107	Resp:	141123
Ion	Ratio	Lower	Upper
107	100		
109	93.8	65.5	121.6
188	3.5	2.6	3.8



#51

Chlorobenzene

Concen: 49.510 ug/L

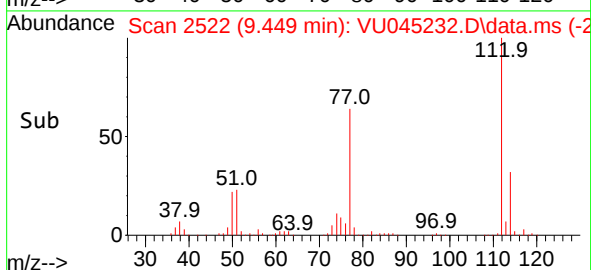
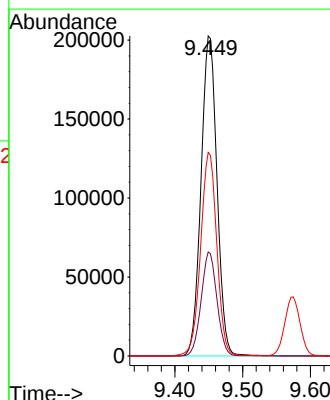
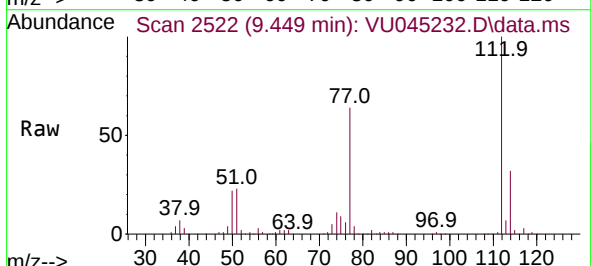
RT: 9.449 min Scan# 2522

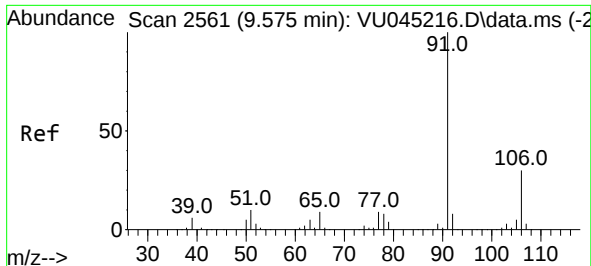
Delta R.T. -0.003 min

Lab File: VU045232.D

Acq: 08 Oct 2021 01:03

Tgt Ion:	112	Resp:	331844
Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.5	41.9
77	63.6	50.6	75.8

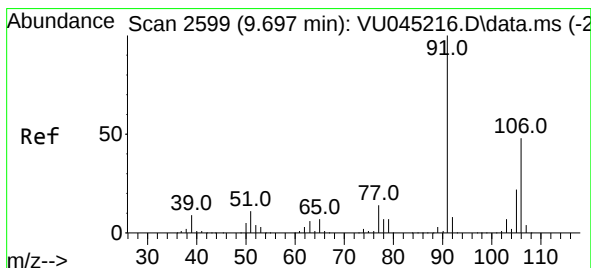
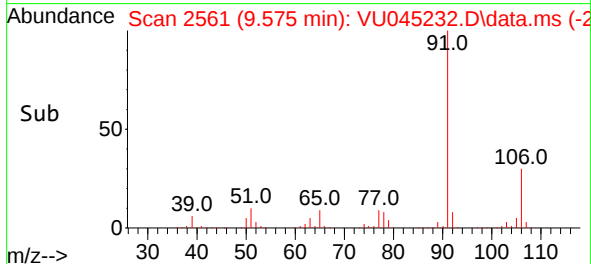
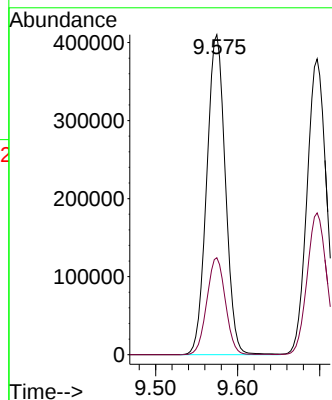
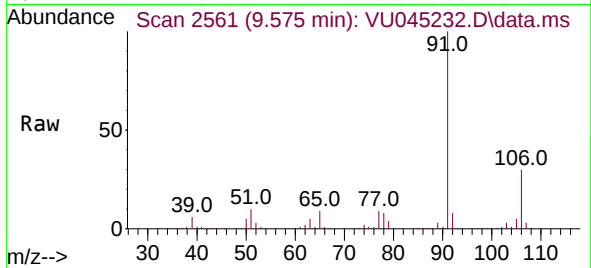




#52
Ethylbenzene
Concen: 56.527 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU045232.D
Acq: 08 Oct 2021 01:03

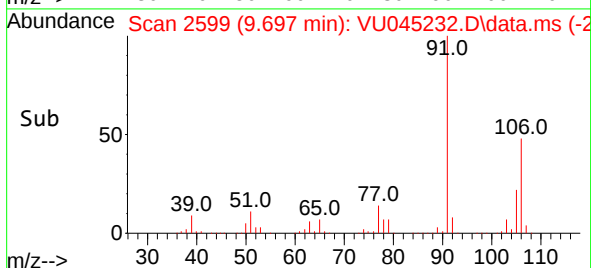
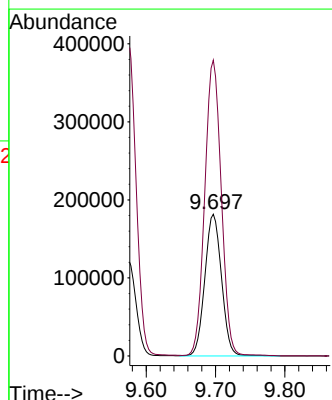
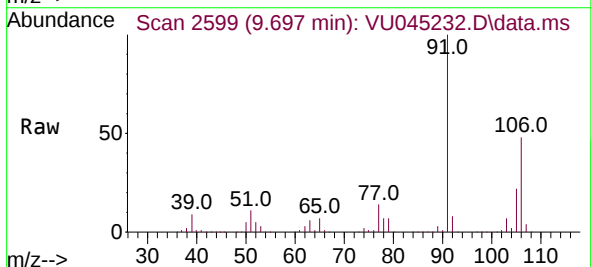
Instrument :
MSVOA_U
ClientSampled :

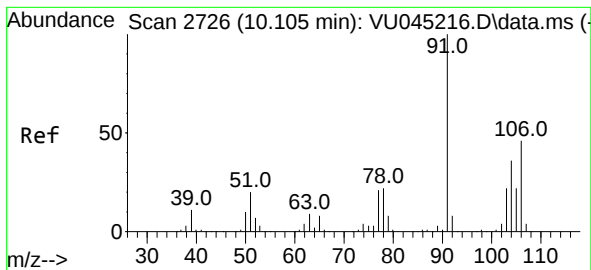
Tgt Ion: 91 Resp: 648319
Ion Ratio Lower Upper
91 100
106 30.3 21.2 39.4



#53
m,p-Xylene
Concen: 69.747 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045232.D
Acq: 08 Oct 2021 01:03

Tgt Ion: 106 Resp: 303037
Ion Ratio Lower Upper
106 100
91 208.6 146.7 272.4

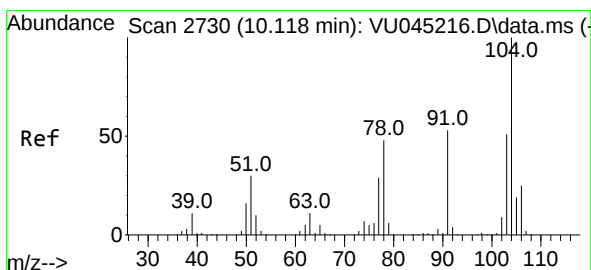
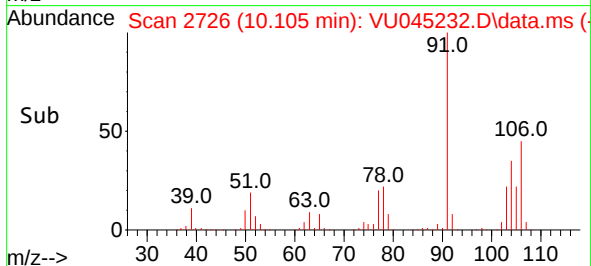
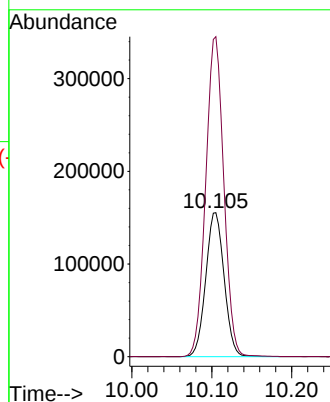
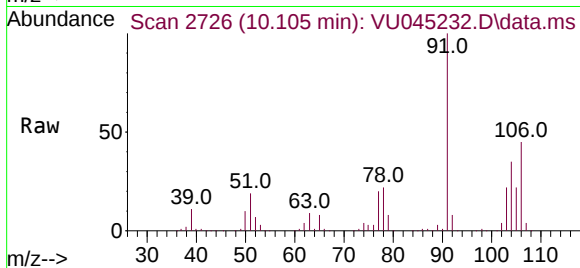




#54
o-xylene
Concen: 58.181 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU045232.D
Acq: 08 Oct 2021 01:03

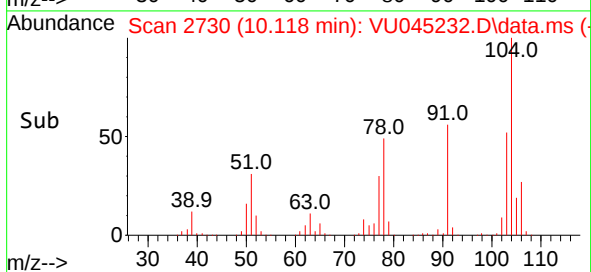
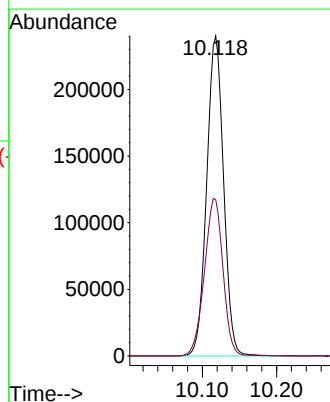
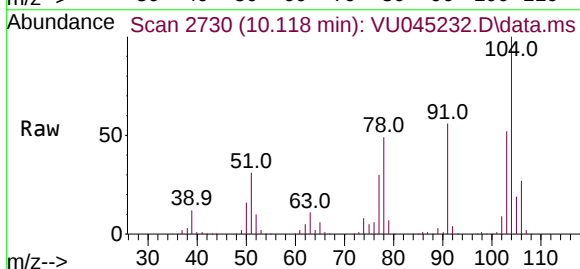
Instrument :
MSVOA_U
ClientSampleId :

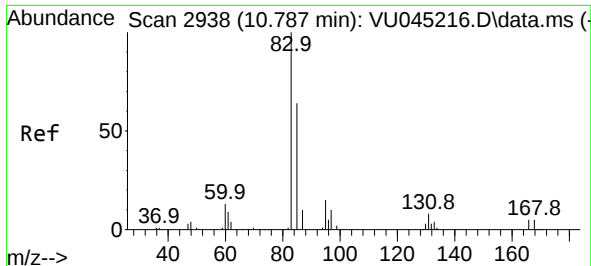
Tgt Ion:106 Resp: 248400
Ion Ratio Lower Upper
106 100
91 222.1 152.9 283.9



#55
Styrene
Concen: 51.547 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU045232.D
Acq: 08 Oct 2021 01:03

Tgt Ion:104 Resp: 378468
Ion Ratio Lower Upper
104 100
78 48.9 33.3 61.9

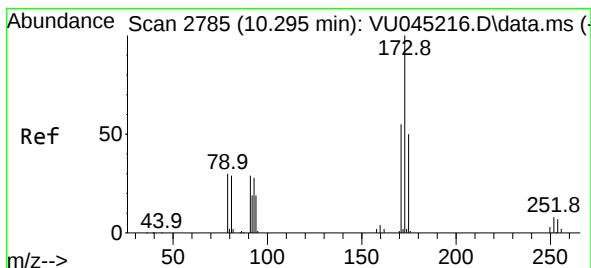
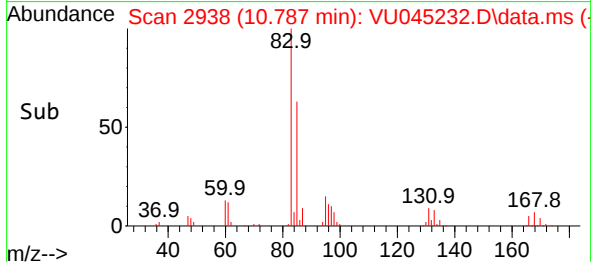
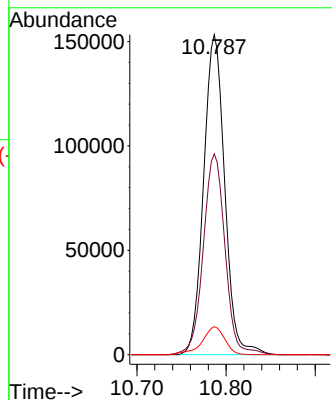
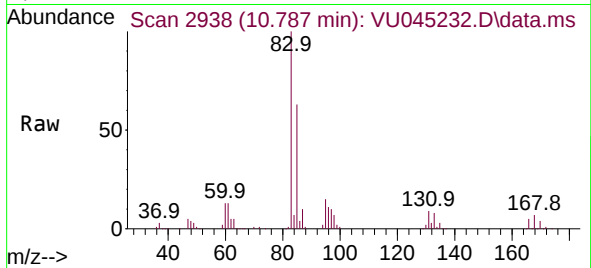




#57
1,1,2,2-Tetrachloroethane
Concen: 49.871 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU045232.D
Acq: 08 Oct 2021 01:03

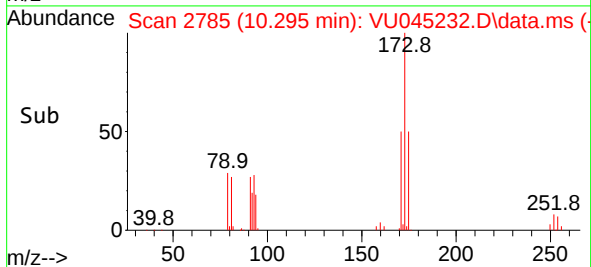
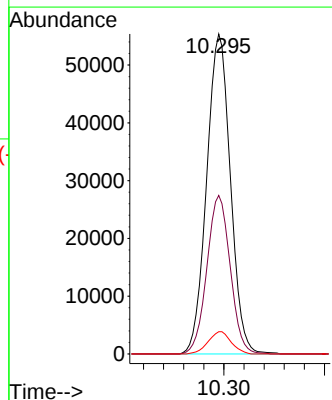
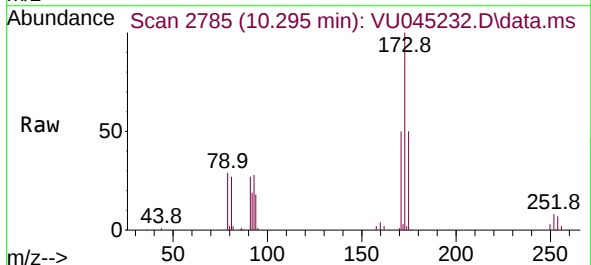
Instrument :
MSVOA_U
ClientSampleId :

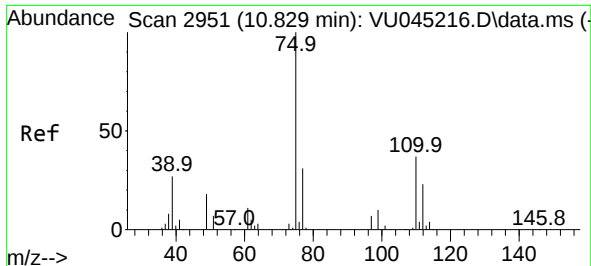
Tgt Ion: 83 Resp: 251763
Ion Ratio Lower Upper
83 100
85 62.8 45.1 83.7
131 8.7 6.9 10.3



#59
Bromoform
Concen: 54.136 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.000 min
Lab File: VU045232.D
Acq: 08 Oct 2021 01:03

Tgt Ion:173 Resp: 90855
Ion Ratio Lower Upper
173 100
175 48.6 38.4 57.6
254 6.8 5.3 7.9

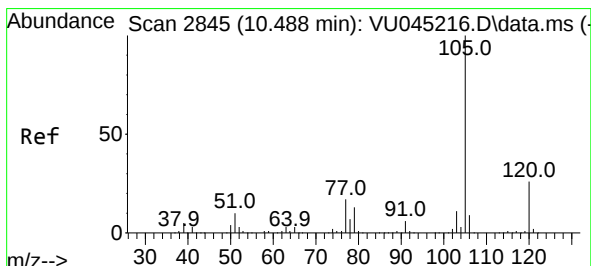
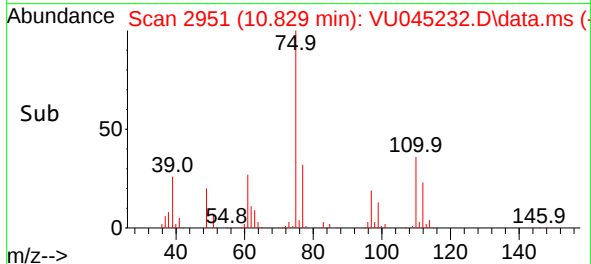
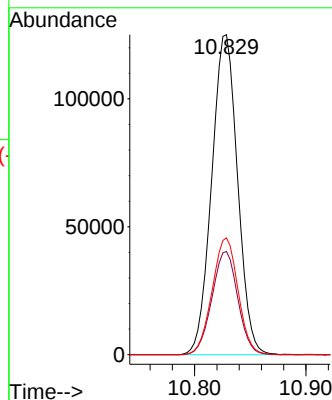
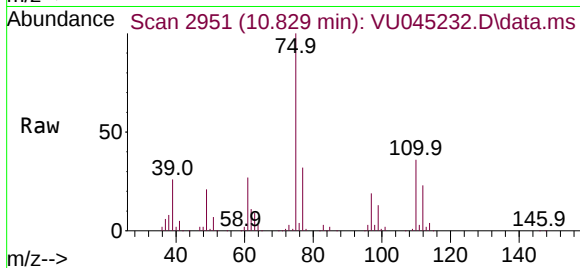




#60
1,2,3-Trichloropropane
Concen: 53.961 ug/L
RT: 10.829 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU045232.D
Acq: 08 Oct 2021 01:03

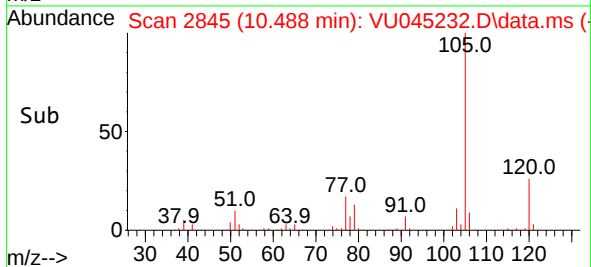
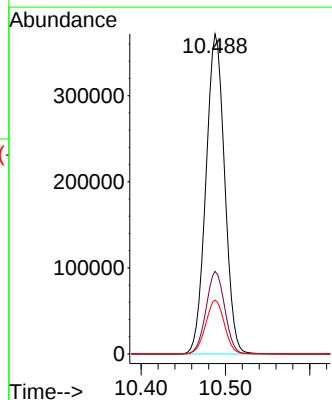
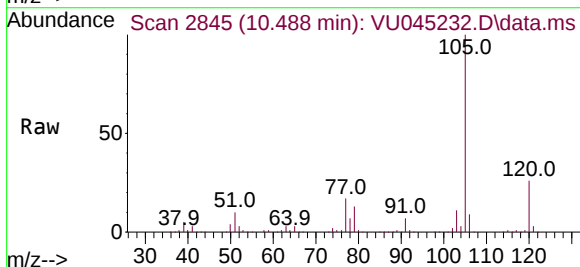
Instrument :
MSVOA_U
ClientSampled :

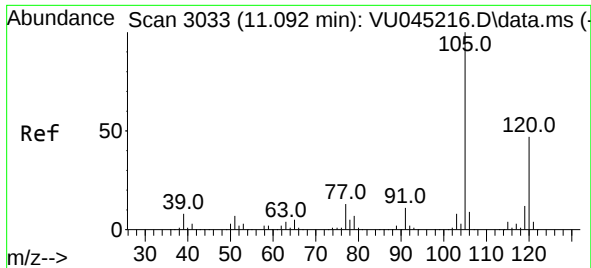
Tgt Ion:	75	Resp:	201964
Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.5	38.3
110	36.5	29.0	43.4



#61
Isopropylbenzene
Concen: 58.021 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045232.D
Acq: 08 Oct 2021 01:03

Tgt Ion:	105	Resp:	574605
Ion	Ratio	Lower	Upper
105	100		
120	25.8	20.5	30.7
77	16.9	13.5	20.3

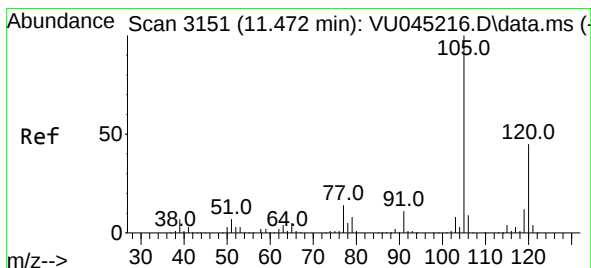
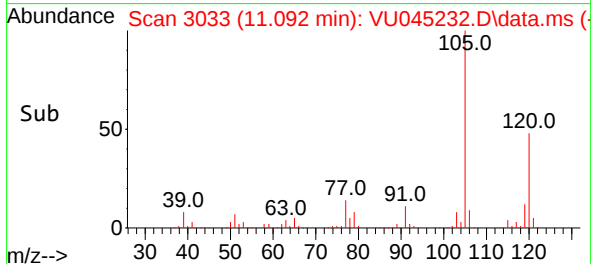
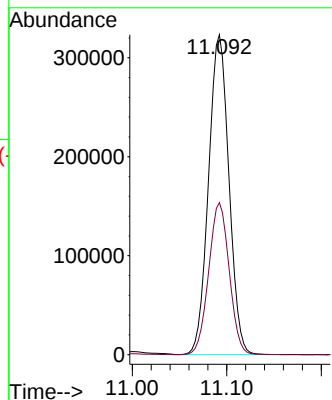
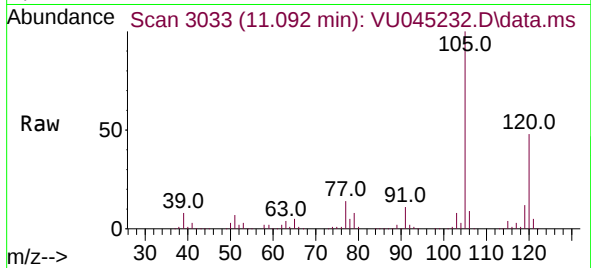




#62
1,3,5-Trimethylbenzene
Concen: 58.516 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU045232.D
Acq: 08 Oct 2021 01:03

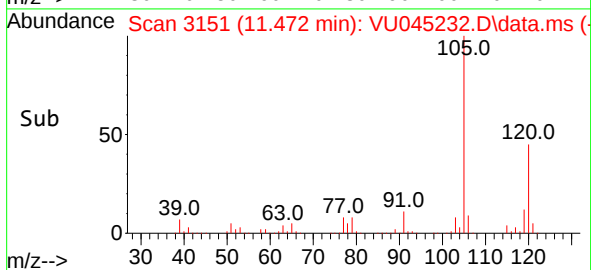
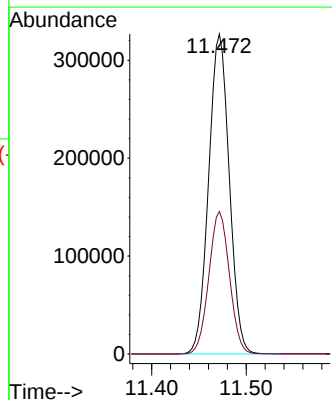
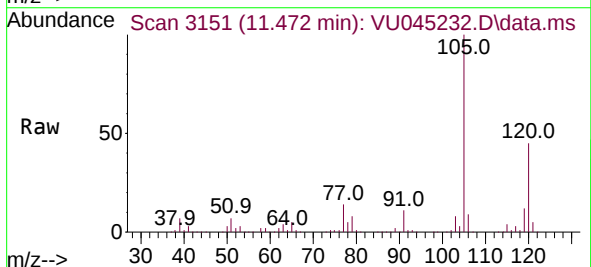
Instrument :
MSVOA_U
ClientSampleId :

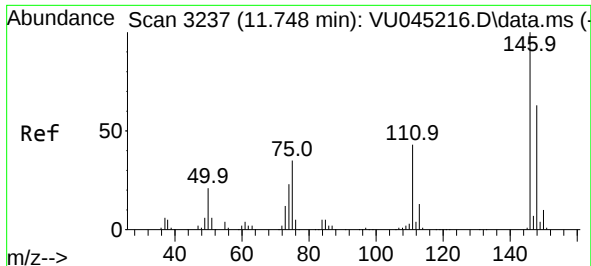
Tgt Ion:105 Resp: 483971
Ion Ratio Lower Upper
105 100
120 47.9 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 58.516 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU045232.D
Acq: 08 Oct 2021 01:03

Tgt Ion:105 Resp: 495593
Ion Ratio Lower Upper
105 100
120 44.5 35.7 53.5

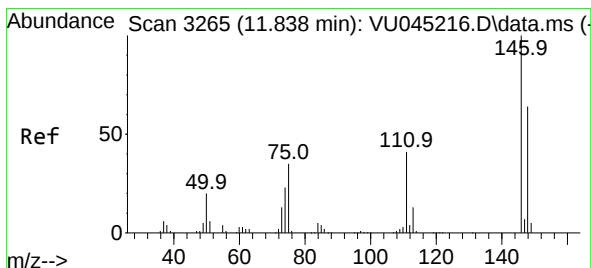
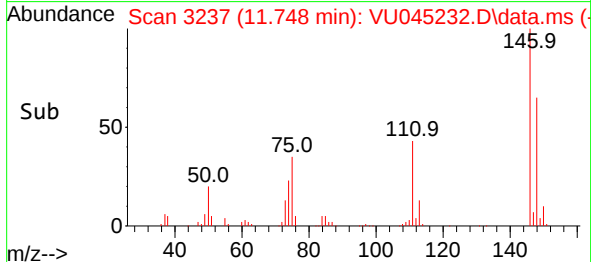
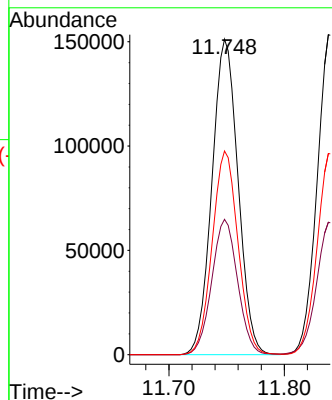
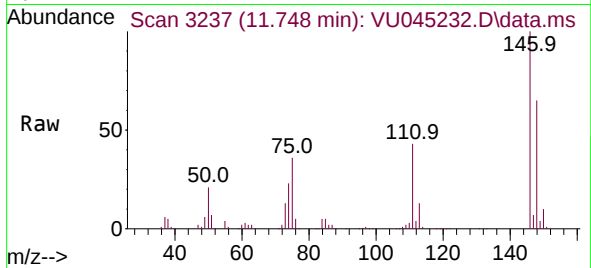




#64
1,3-Dichlorobenzene
Concen: 51.857 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU045232.D
Acq: 08 Oct 2021 01:03

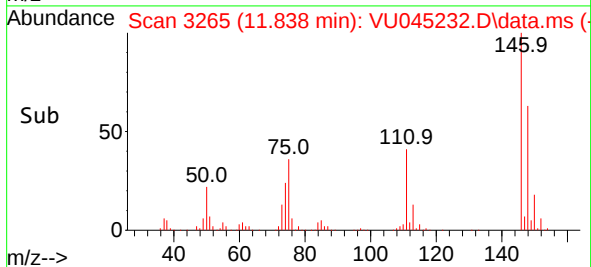
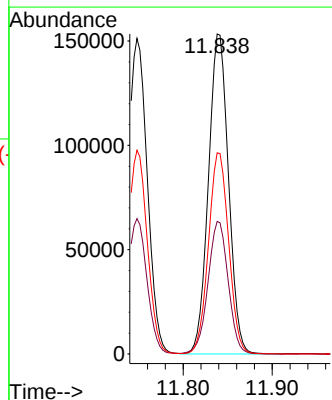
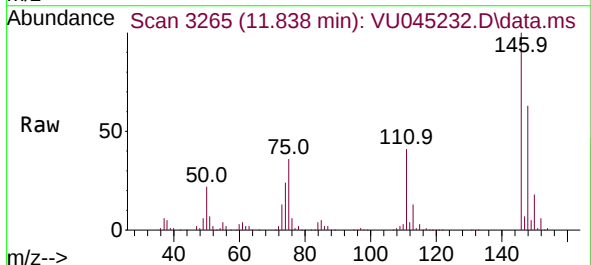
Instrument :
MSVOA_U
ClientSampleId :

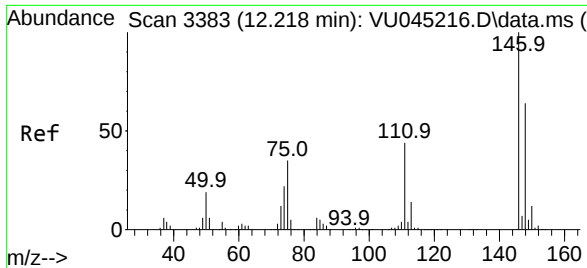
Tgt Ion:146 Resp: 237334
Ion Ratio Lower Upper
146 100
111 42.9 29.0 53.8
148 64.5 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 51.015 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU045232.D
Acq: 08 Oct 2021 01:03

Tgt Ion:146 Resp: 239550
Ion Ratio Lower Upper
146 100
111 41.4 28.5 52.9
148 62.9 45.5 84.5

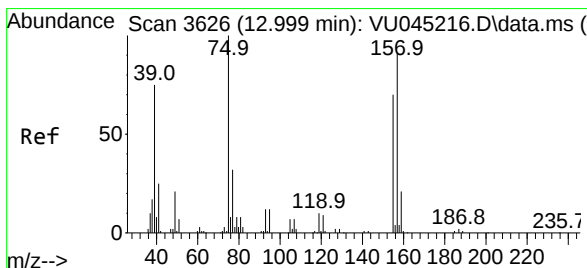
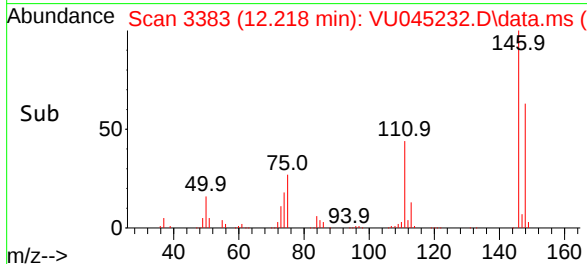
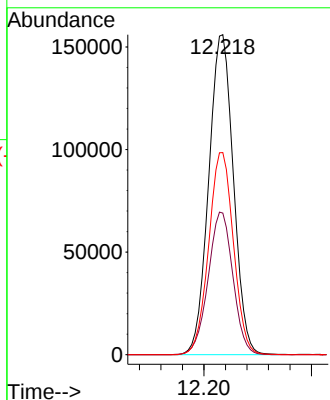
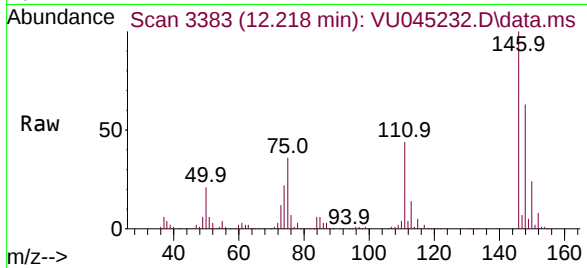




#67
1,2-Dichlorobenzene
Concen: 52.872 ug/L
RT: 12.218 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU045232.D
Acq: 08 Oct 2021 01:03

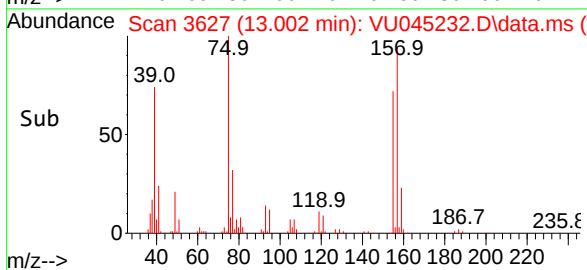
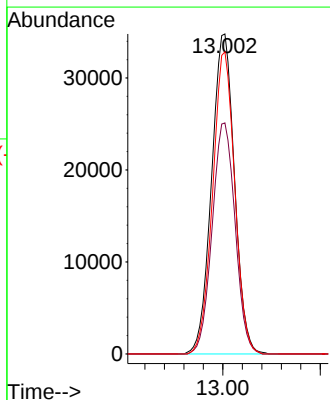
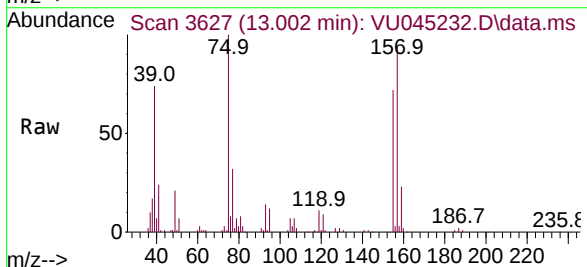
Instrument :
MSVOA_U
ClientSampled :

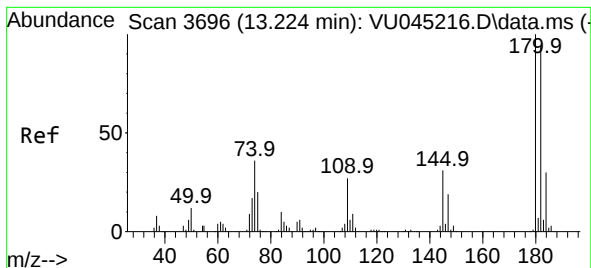
Tgt Ion:146 Resp: 248412
Ion Ratio Lower Upper
146 100
111 44.2 34.7 52.1
148 63.2 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 52.759 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. 0.003 min
Lab File: VU045232.D
Acq: 08 Oct 2021 01:03

Tgt Ion: 75 Resp: 56747
Ion Ratio Lower Upper
75 100
155 72.2 58.5 87.7
157 97.6 77.7 116.5

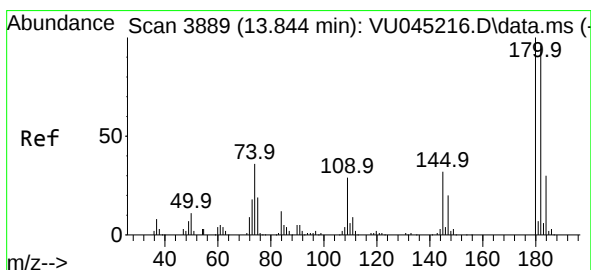
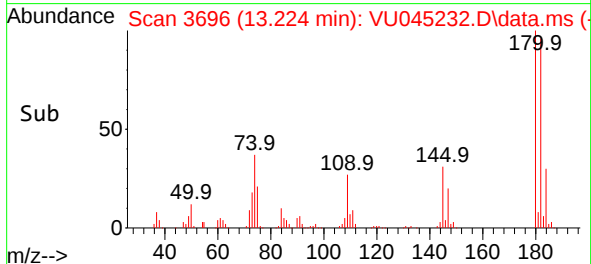
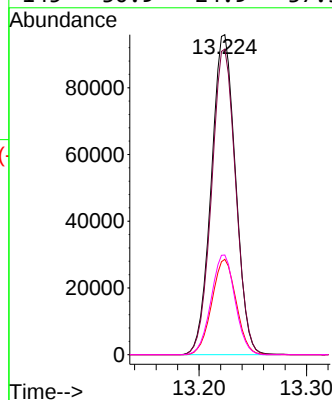
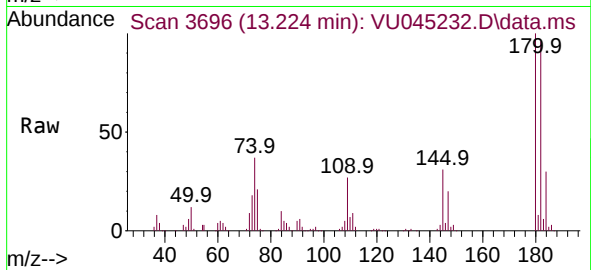




#69
 1,3,5-Trichlorobenzene
 Concen: 47.211 ug/L
 RT: 13.224 min Scan# 3696
 Delta R.T. 0.000 min
 Lab File: VU045232.D
 Acq: 08 Oct 2021 01:03

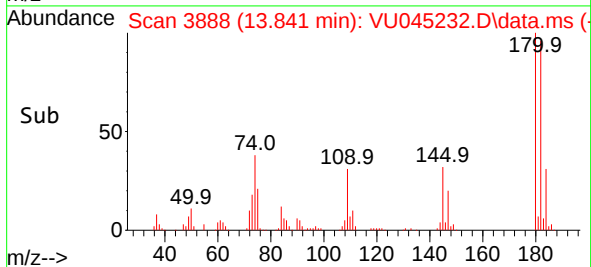
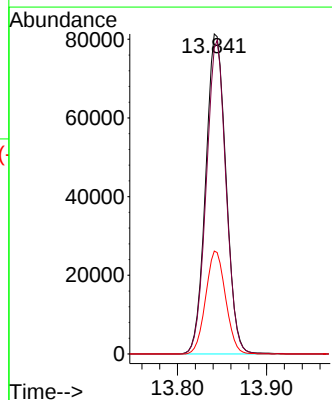
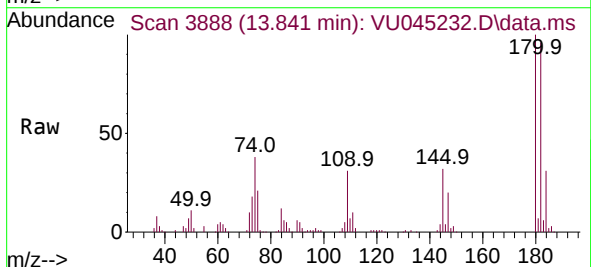
Instrument :
 MSVOA_U
 ClientSampleId :

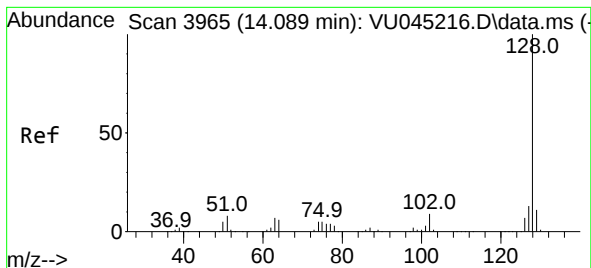
Tgt Ion:180 Resp: 149951
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.8 115.2
 184 29.8 24.4 36.6
 145 30.9 24.9 37.3



#70
 1,2,4-trichlorobenzene
 Concen: 48.680 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.003 min
 Lab File: VU045232.D
 Acq: 08 Oct 2021 01:03

Tgt Ion:180 Resp: 128484
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.2 114.2
 145 31.5 25.4 38.0

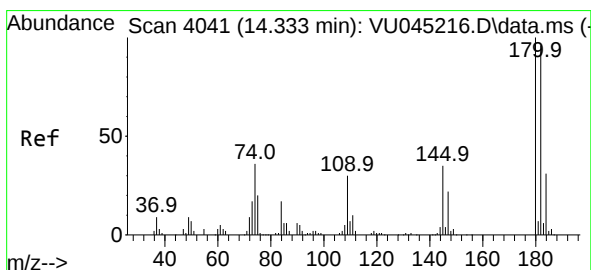
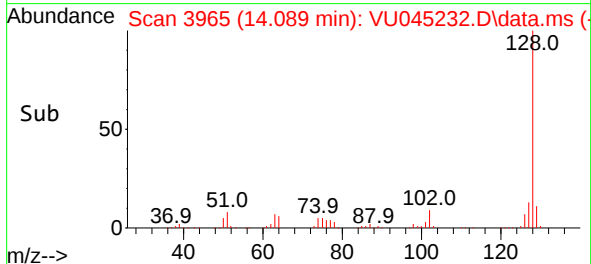
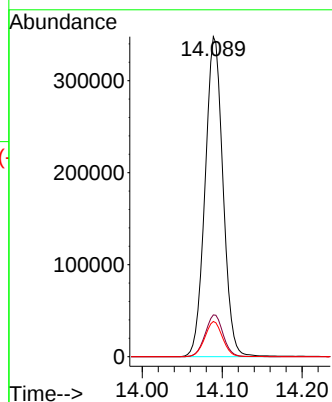
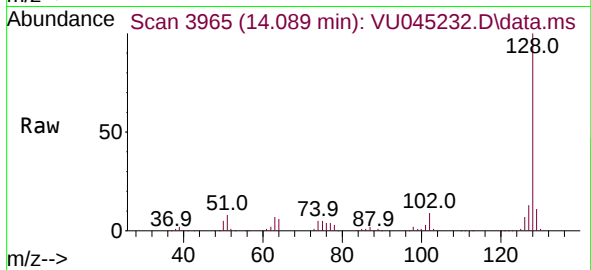




#71
Naphthalene
Concen: 59.366 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU045232.D
Acq: 08 Oct 2021 01:03

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 542975
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: 49.605 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU045232.D
Acq: 08 Oct 2021 01:03

Tgt Ion:180 Resp: 133957
Ion Ratio Lower Upper
180 100
182 96.8 76.8 115.2
145 34.1 26.5 39.7

