

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102821\
 Data File : VU045433.D
 Acq On : 28 Oct 2021 12:03
 Operator : SY/MD
 Sample : VSTD10028
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100028

Quant Time: Oct 29 02:51:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 29 02:49:32 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	320754	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	303251	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	153944	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	260542	157.602	ug/L	0.00
7) Chloroethane-d5	1.916	69	220871	149.651	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	63	467625	146.598	ug/L	0.00
21) 2-Butanone-d5	4.633	46	448649	213.018	ug/L	0.00
24) Chloroform-d	5.070	84	474006	120.540	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.707	65	306203	114.935	ug/L	0.00
32) Benzene-d6	5.732	84	942638	145.843	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	305206	127.372	ug/L	0.00
41) Toluene-d8	7.903	98	832906	149.580	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	148447	124.202	ug/L	0.00
47) 2-Hexanone-d5	8.636	63	338453	234.507	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	452352	104.471	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	311259	111.812	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	279495	113.330	ug/L	100
3) Chloromethane	1.520	50	321490	114.390	ug/L	100
5) Vinyl chloride	1.604	62	317026	105.011	ug/L	99
6) Bromomethane	1.861	94	162657	102.245	ug/L	99
8) Chloroethane	1.935	64	200051	108.561	ug/L	97
9) Trichlorofluoromethane	2.141	101	378269	103.488	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	229048	99.886	ug/L	99
12) 1,1-Dichloroethene	2.584	96	217567	102.165	ug/L	96
13) Acetone	2.646	43	333005	144.639	ug/L	100
14) Carbon disulfide	2.797	76	631136	106.987	ug/L	99
15) Methyl Acetate	2.954	43	296724	97.493	ug/L	100
16) Methylene chloride	3.051	84	261365	95.987	ug/L	99
17) trans-1,2-Dichloroethene	3.356	96	233676	102.208	ug/L	99
18) Methyl tert-butyl Ether	3.366	73	821318	103.329	ug/L	100
19) 1,1-Dichloroethane	3.874	63	459212	98.706	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	268059	102.689	ug/L	99
22) 2-Butanone	4.713	43	475362	180.712	ug/L	100
23) Bromochloromethane	4.980	128	125353	98.163	ug/L	99
25) Chloroform	5.092	83	457632	97.283	ug/L	99
27) 1,2-Dichloroethane	5.800	62	374761	99.000	ug/L	100
29) Cyclohexane	5.395	56	430201	113.855	ug/L	99
30) 1,1,1-Trichloroethane	5.321	97	382015	103.860	ug/L	99
31) Carbon tetrachloride	5.530	117	303819	106.834	ug/L	99
33) Benzene	5.780	78	1030643	105.718	ug/L	100
34) Trichloroethene	6.546	95	249796	104.517	ug/L	99
35) Methylcyclohexane	6.768	83	438614	114.224	ug/L	100
37) 1,2-Dichloropropane	6.797	63	270616	102.658	ug/L	100
38) Bromodichloromethane	7.112	83	351005	103.229	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	436599	110.107	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	820233	205.049	ug/L	100
42) Toluene	7.973	91	1084676	106.602	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	412954	109.302	ug/L	99

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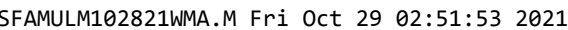
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100028

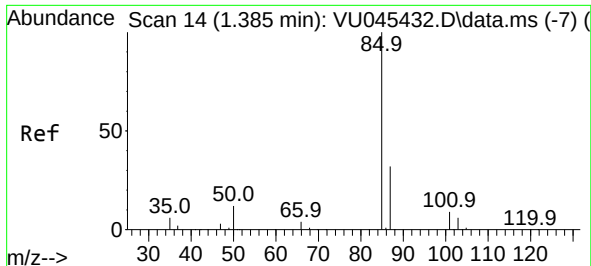
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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.404	97	251534	100.069	ug/L	99
46) Tetrachloroethene	8.559	164	176983	106.151	ug/L	98
48) 2-Hexanone	8.690	43	673514	200.567	ug/L	100
49) Dibromochloromethane	8.816	129	252952	103.230	ug/L	99
50) 1,2-Dibromoethane	8.928	107	268967	103.279	ug/L	99
51) Chlorobenzene	9.452	112	652697	102.088	ug/L	99
52) Ethylbenzene	9.575	91	1175730	107.137	ug/L	99
53) m,p-Xylene	9.697	106	449667	107.426	ug/L	96
54) o-xylene	10.105	106	443245	105.953	ug/L	98
55) Styrene	10.118	104	771305	109.078	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	450595	100.591	ug/L	99
59) Bromoform	10.295	173	181728	105.037	ug/L	100
60) 1,2,3-Trichloropropane	10.829	75	364380	100.416	ug/L	99
61) Isopropylbenzene	10.488	105	1149891	106.578	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	1005951	112.230	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	1026283	112.822	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	502712	103.168	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	506021	102.474	ug/L	100
67) 1,2-Dichlorobenzene	12.218	146	513017	103.399	ug/L	100
68) 1,2-Dibromo-3-chloropr...	13.002	75	114069	112.072	ug/L	97
69) 1,3,5-Trichlorobenzene	13.224	180	381926	112.632	ug/L	100
70) 1,2,4-trichlorobenzene	13.844	180	358806	124.451	ug/L	99
71) Naphthalene	14.089	128	1384077	139.248	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	361086	124.751	ug/L	100

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

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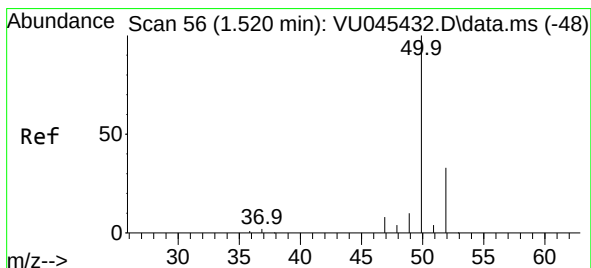
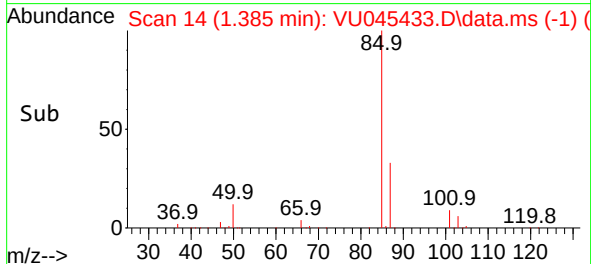
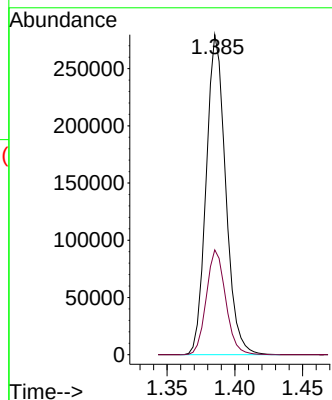
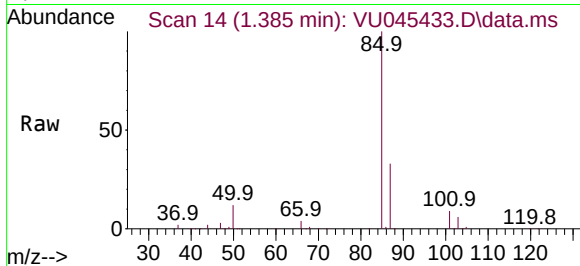




#2
Dichlorodifluoromethane
Concen: 113.330 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045433.D
Acq: 28 Oct 2021 12:03

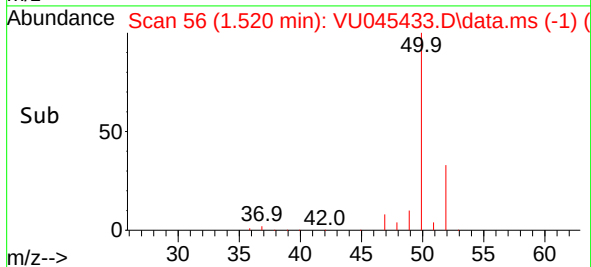
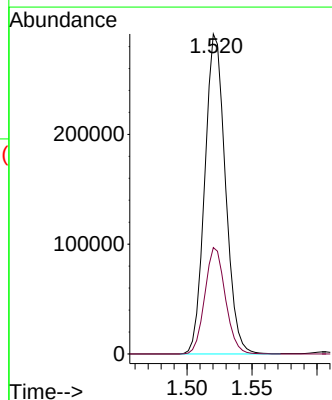
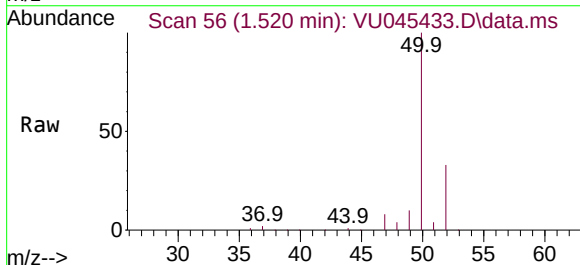
Instrument :
MSVOA_U
ClientSampleId :
VSTD100028

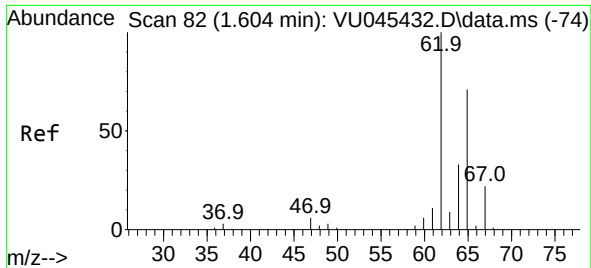
Tgt Ion: 85 Resp: 279495
Ion Ratio Lower Upper
85 100
87 32.5 26.0 39.0



#3
Chloromethane
Concen: 114.390 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU045433.D
Acq: 28 Oct 2021 12:03

Tgt Ion: 50 Resp: 321490
Ion Ratio Lower Upper
50 100
52 33.2 23.2 43.2

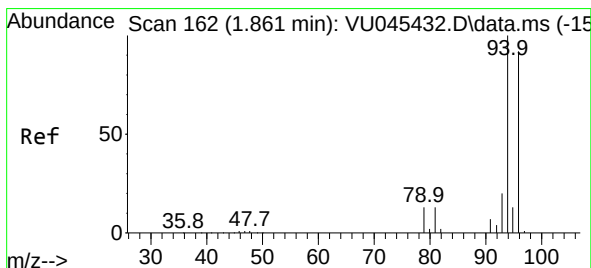
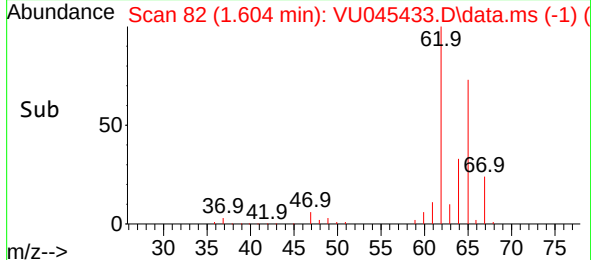
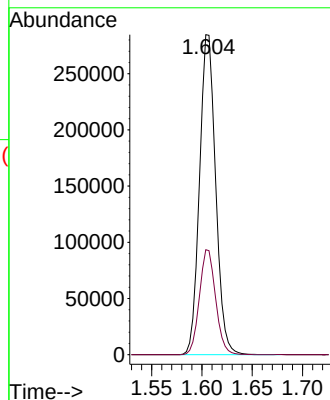
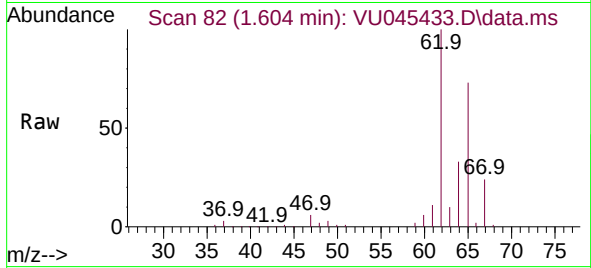




#5
 Vinyl chloride
 Concen: 105.011 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: VU045433.D
 Acq: 28 Oct 2021 12:03

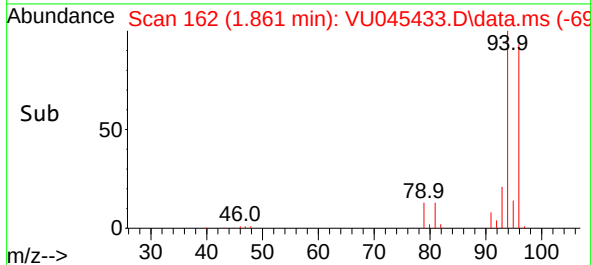
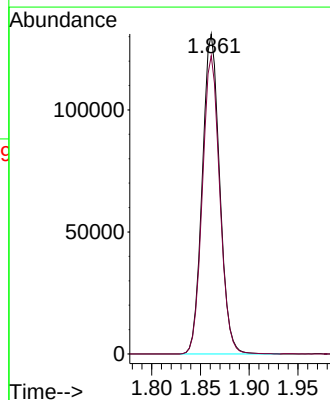
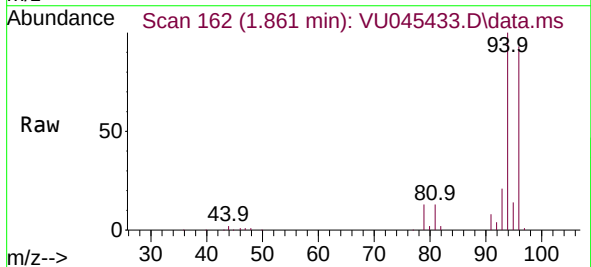
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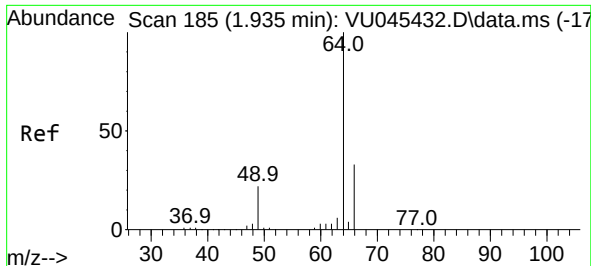
Tgt Ion: 62 Resp: 317026
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.3 43.3



#6
 Bromomethane
 Concen: 102.245 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU045433.D
 Acq: 28 Oct 2021 12:03

Tgt Ion: 94 Resp: 162657
 Ion Ratio Lower Upper
 94 100
 96 93.2 64.9 120.5

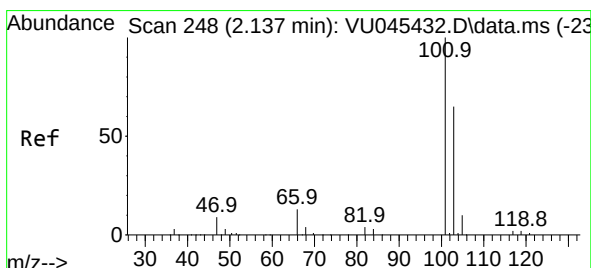
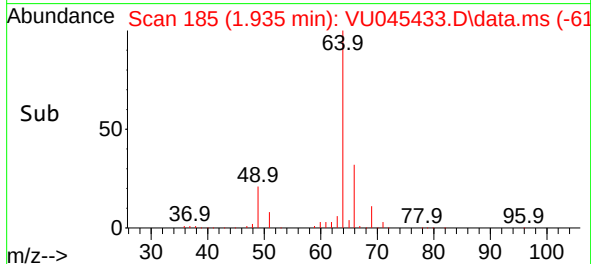
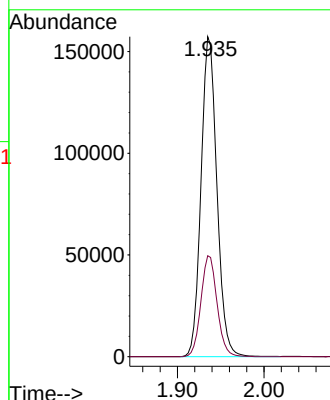
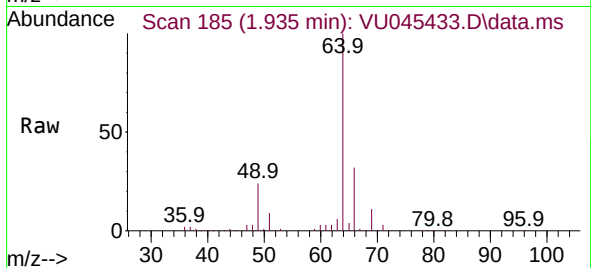




#8
Chloroethane
Concen: 108.561 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU045433.D
Acq: 28 Oct 2021 12:03

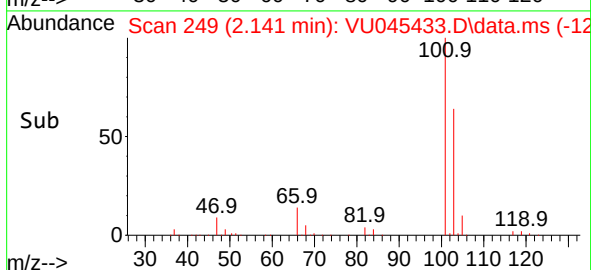
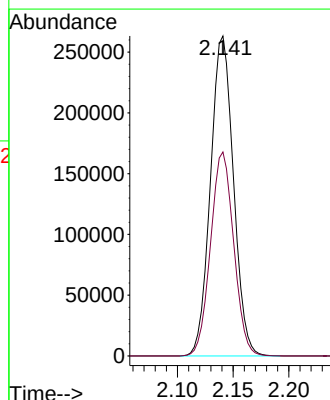
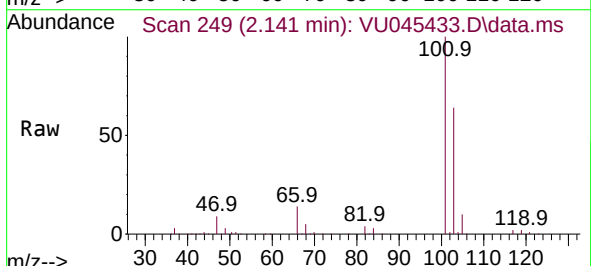
Instrument :
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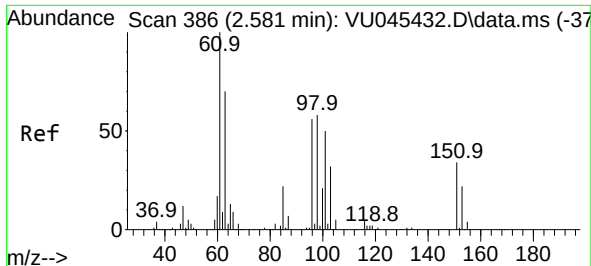
Tgt Ion: 64 Resp: 200051
Ion Ratio Lower Upper
64 100
66 31.6 23.2 43.2



#9
Trichlorofluoromethane
Concen: 103.488 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.003 min
Lab File: VU045433.D
Acq: 28 Oct 2021 12:03

Tgt Ion:101 Resp: 378269
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 99.886 ug/L

RT: 2.584 min Scan# 387

Delta R.T. 0.003 min

Lab File: VU045433.D

Acq: 28 Oct 2021 12:03

Tgt Ion:101 Resp: 229048

Ion Ratio Lower Upper

101 100

85 43.9 34.8 52.2

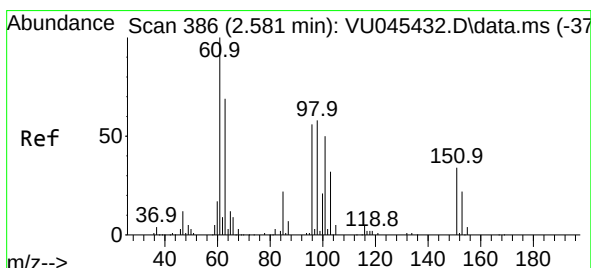
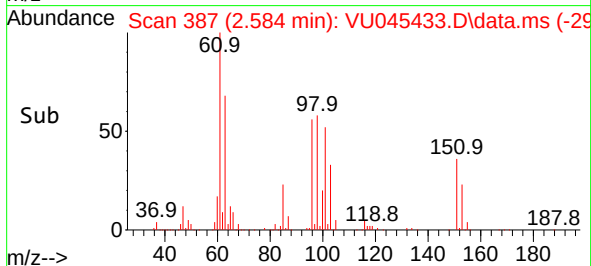
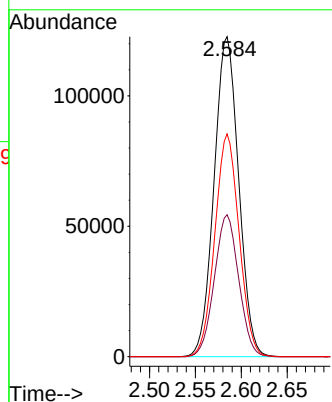
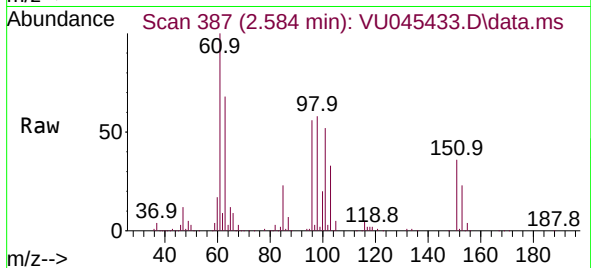
151 68.6 54.6 81.8

Instrument :

MSVOA_U

ClientSampleId :

VSTD100028



#12

1,1-Dichloroethene

Concen: 102.165 ug/L

RT: 2.584 min Scan# 387

Delta R.T. 0.003 min

Lab File: VU045433.D

Acq: 28 Oct 2021 12:03

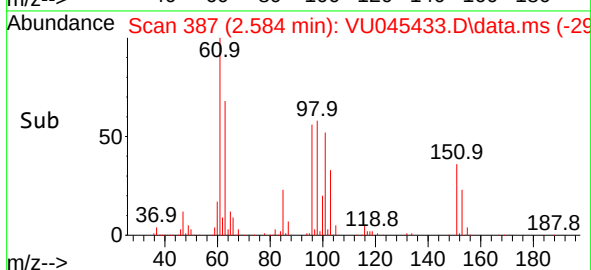
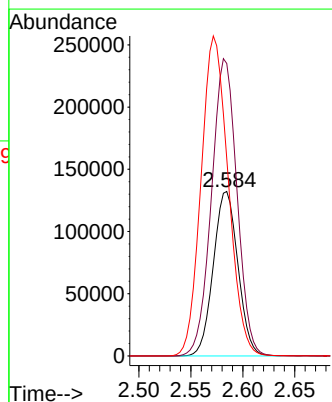
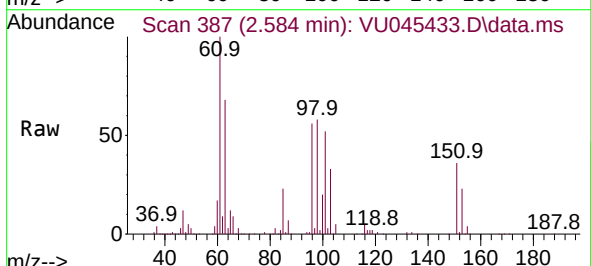
Tgt Ion: 96 Resp: 217567

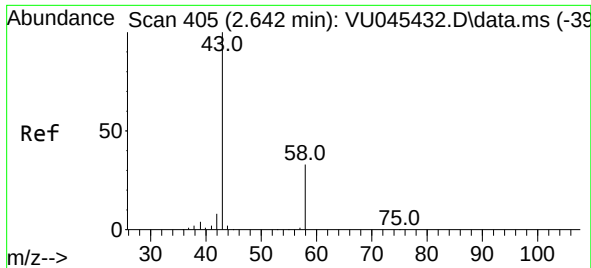
Ion Ratio Lower Upper

96 100

61 177.7 126.3 234.5

63 120.0 89.2 165.8

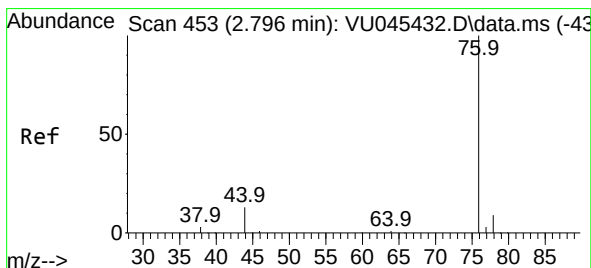
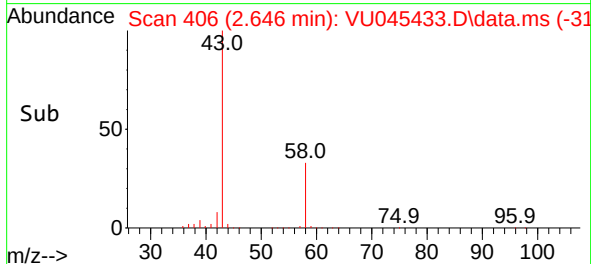
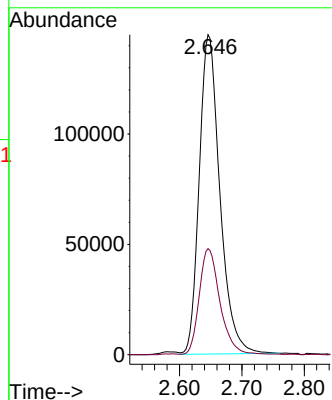
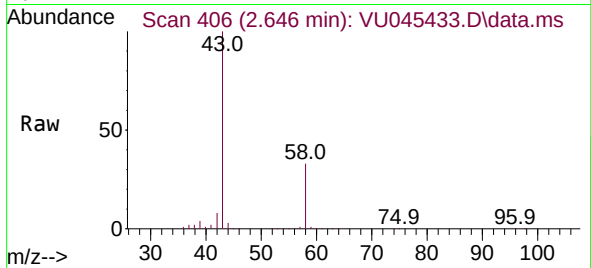




#13
Acetone
Concen: 144.639 ug/L
RT: 2.646 min Scan# 406
Delta R.T. 0.003 min
Lab File: VU045433.D
Acq: 28 Oct 2021 12:03

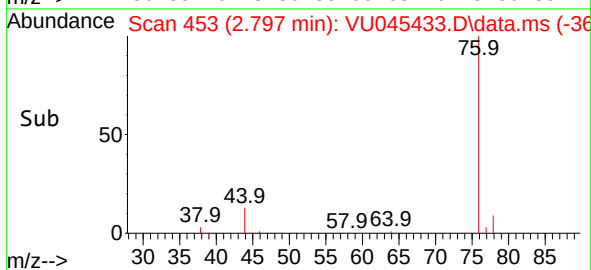
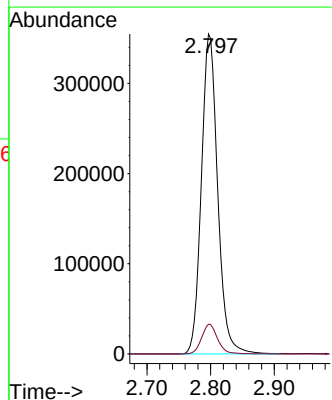
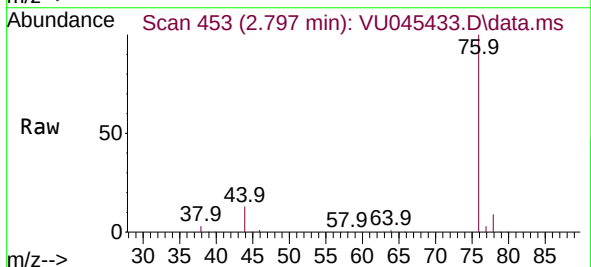
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VSTD100028

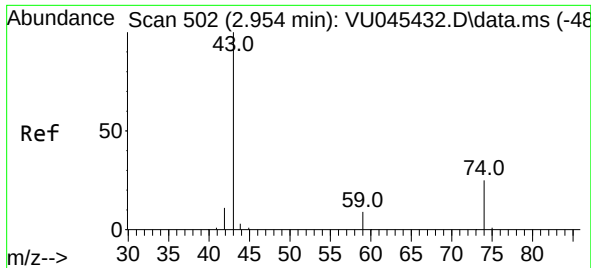
Tgt Ion: 43 Resp: 333005
Ion Ratio Lower Upper
43 100
58 33.1 0.0 66.2



#14
Carbon disulfide
Concen: 106.987 ug/L
RT: 2.797 min Scan# 453
Delta R.T. 0.000 min
Lab File: VU045433.D
Acq: 28 Oct 2021 12:03

Tgt Ion: 76 Resp: 631136
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9

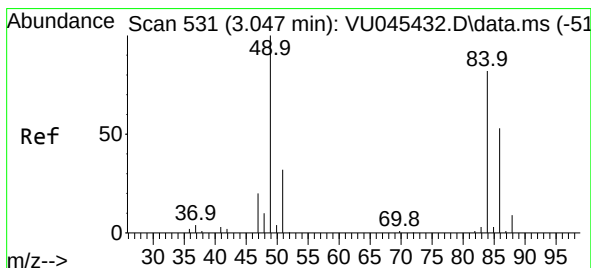
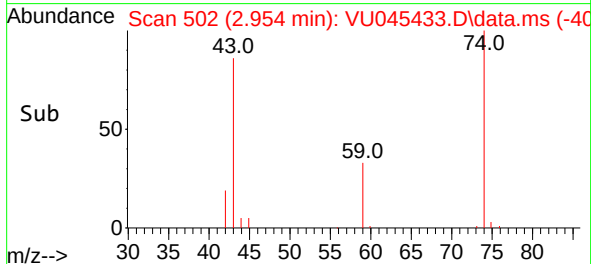
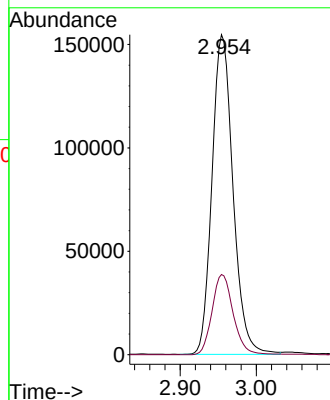
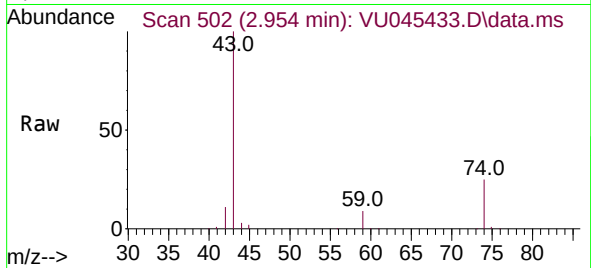




#15
Methyl Acetate
Concen: 97.493 ug/L
RT: 2.954 min Scan# 502
Delta R.T. 0.000 min
Lab File: VU045433.D
Acq: 28 Oct 2021 12:03

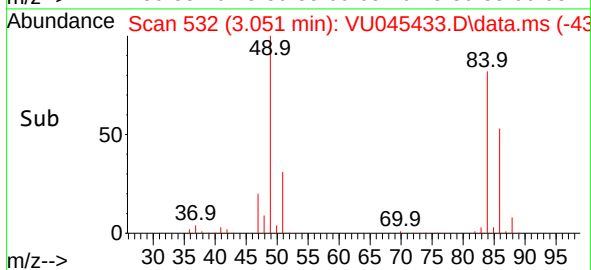
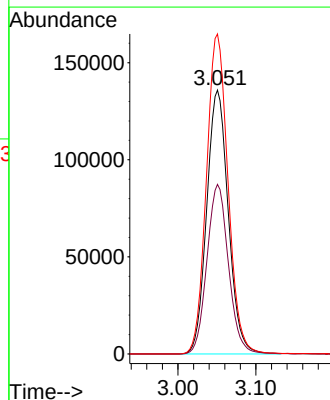
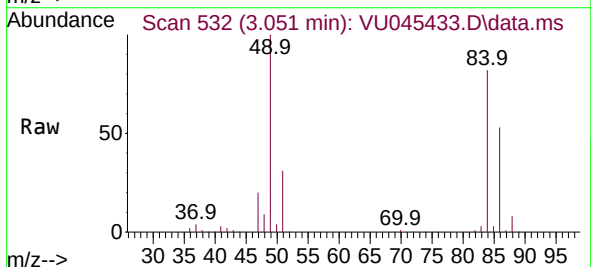
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ClientSampleId :
VSTD100028

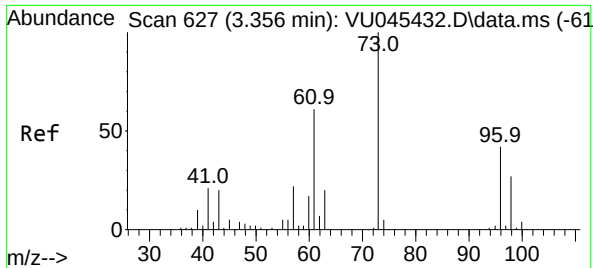
Tgt Ion: 43 Resp: 296724
Ion Ratio Lower Upper
43 100
74 25.2 20.0 30.0



#16
Methylene chloride
Concen: 95.987 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.003 min
Lab File: VU045433.D
Acq: 28 Oct 2021 12:03

Tgt Ion: 84 Resp: 261365
Ion Ratio Lower Upper
84 100
86 64.3 45.8 85.2
49 121.3 85.9 159.5



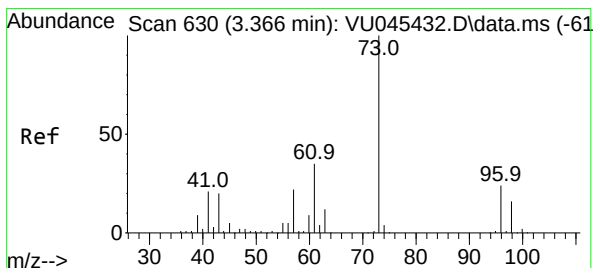
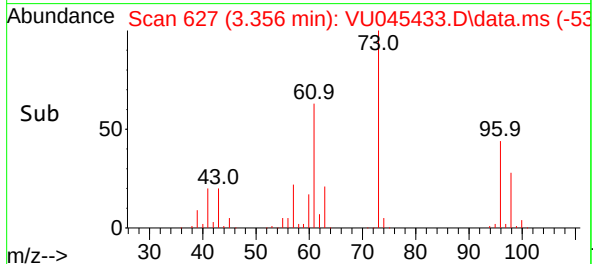
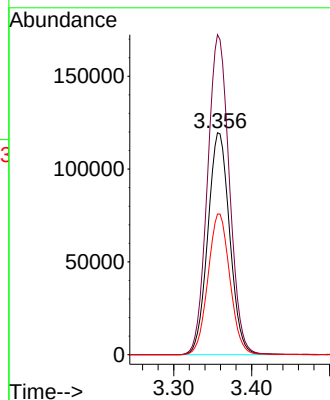
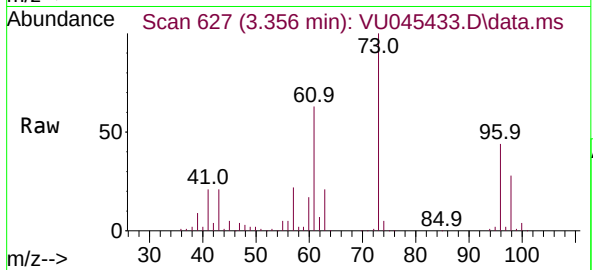


#17
 trans-1,2-Dichloroethene
 Concen: 102.208 ug/L
 RT: 3.356 min Scan# 627
 Delta R.T. 0.000 min
 Lab File: VU045433.D
 Acq: 28 Oct 2021 12:03

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100028

Tgt Ion: 96 Resp: 233676

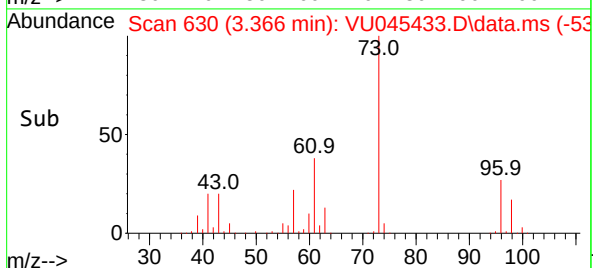
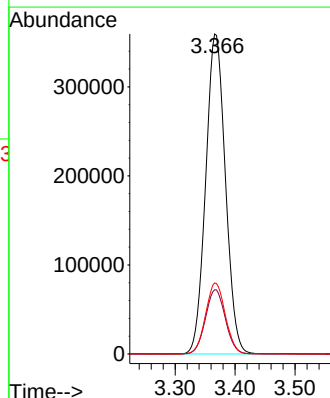
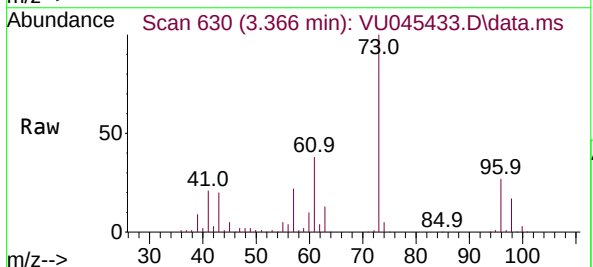
Ion	Ratio	Lower	Upper
96	100		
61	144.2	101.8	189.2
98	63.4	45.1	83.7

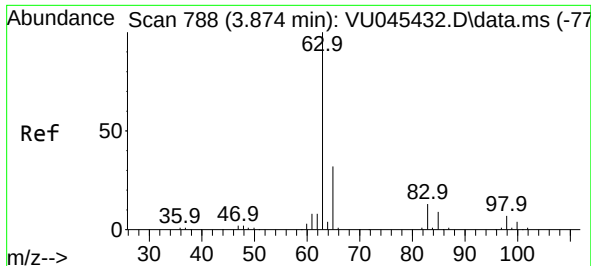


#18
 Methyl tert-butyl Ether
 Concen: 103.329 ug/L
 RT: 3.366 min Scan# 630
 Delta R.T. 0.000 min
 Lab File: VU045433.D
 Acq: 28 Oct 2021 12:03

Tgt Ion: 73 Resp: 821318

Ion	Ratio	Lower	Upper
73	100		
43	20.2	16.2	24.4
57	22.3	18.1	27.1





#19

1,1-Dichloroethane

Concen: 98.706 ug/L

RT: 3.874 min Scan# 788

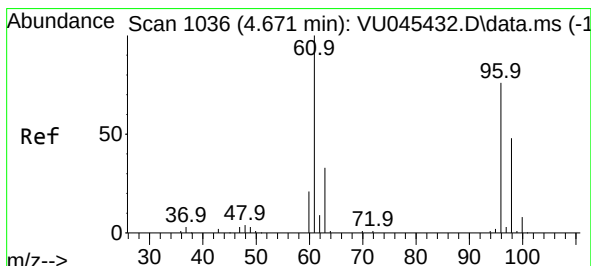
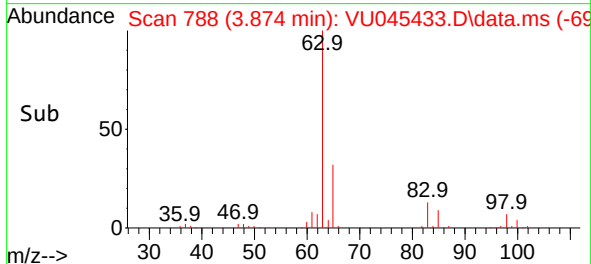
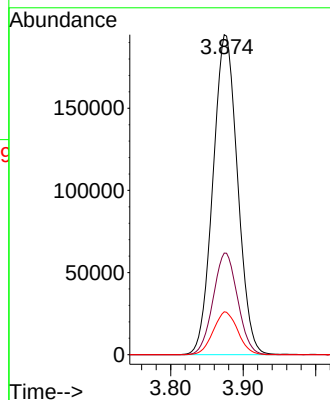
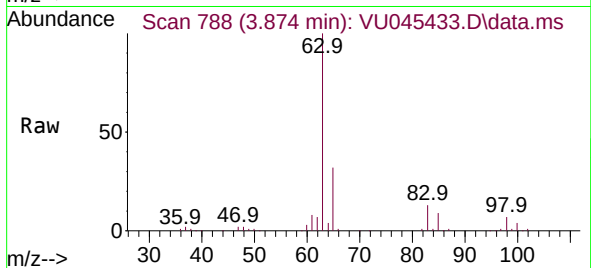
Delta R.T. 0.000 min

Lab File: VU045433.D

Acq: 28 Oct 2021 12:03

Tgt Ion: 63 Resp: 459212

Ion	Ratio	Lower	Upper
63	100		
65	31.7	22.4	41.6
83	13.4	9.0	16.6



#20

cis-1,2-Dichloroethene

Concen: 102.689 ug/L

RT: 4.671 min Scan# 1036

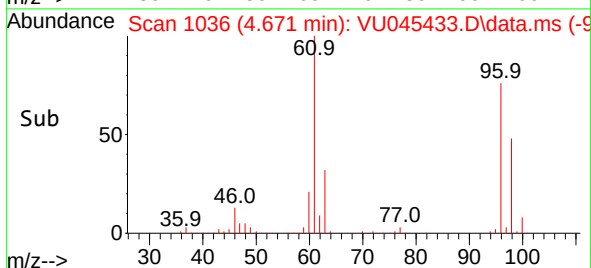
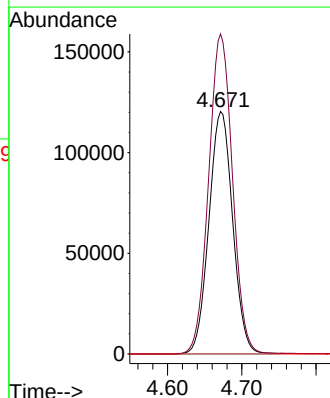
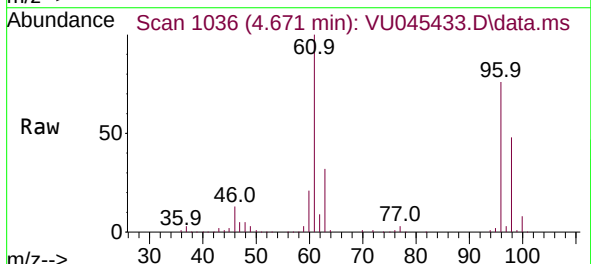
Delta R.T. 0.000 min

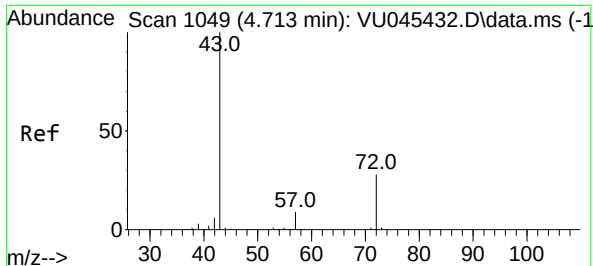
Lab File: VU045433.D

Acq: 28 Oct 2021 12:03

Tgt Ion: 96 Resp: 268059

Ion	Ratio	Lower	Upper
96	100		
61	132.0	92.8	172.4
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 180.712 ug/L

RT: 4.713 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VU045433.D

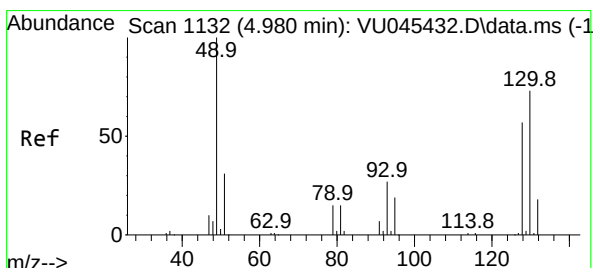
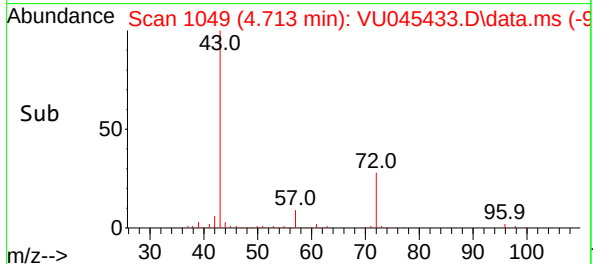
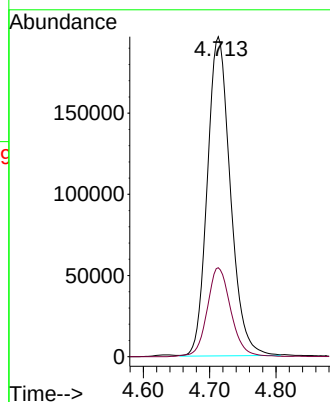
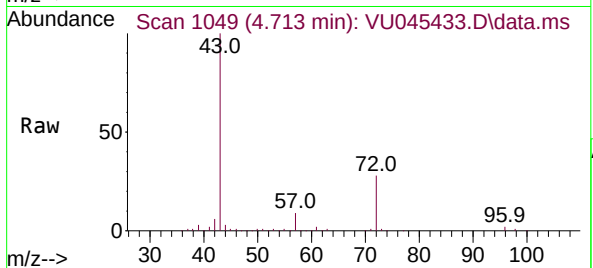
Acq: 28 Oct 2021 12:03

Tgt Ion: 43 Resp: 475362

Ion Ratio Lower Upper

43 100

72 28.6 14.4 43.2



#23

Bromochloromethane

Concen: 98.163 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU045433.D

Acq: 28 Oct 2021 12:03

Tgt Ion:128 Resp: 125353

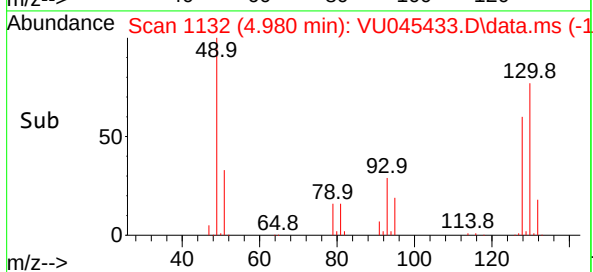
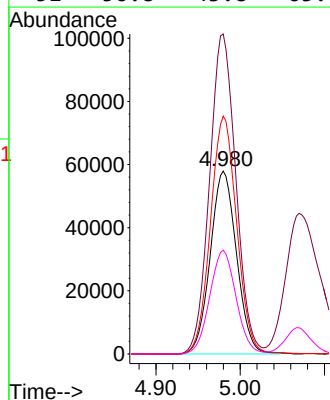
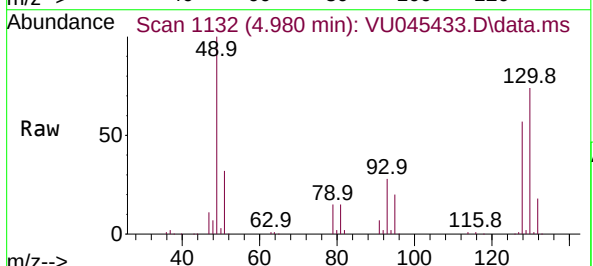
Ion Ratio Lower Upper

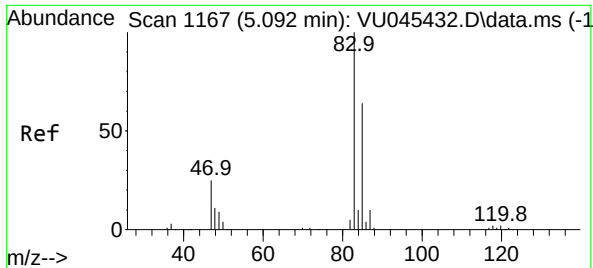
128 100

49 175.0 123.1 228.5

130 130.1 89.8 166.8

51 56.8 43.8 65.8





#25

Chloroform

Concen: 97.283 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU045433.D

Acq: 28 Oct 2021 12:03

Tgt Ion: 83 Resp: 457632

Ion Ratio Lower Upper

83 100

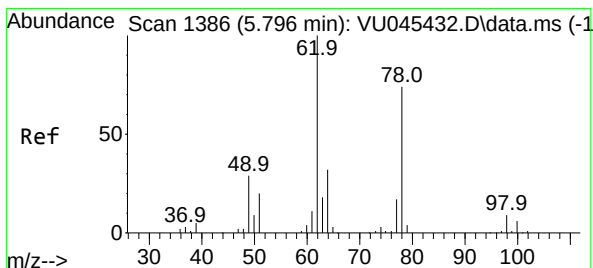
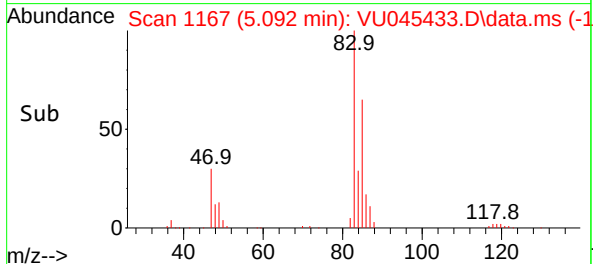
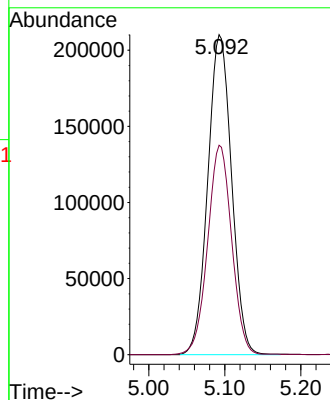
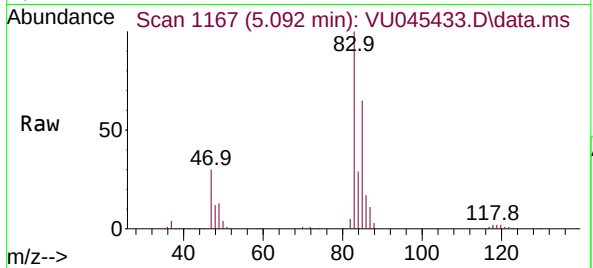
85 65.4 45.0 83.6

Instrument :

MSVOA_U

ClientSampleId :

VSTD100028



#27

1,2-Dichloroethane

Concen: 99.000 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.003 min

Lab File: VU045433.D

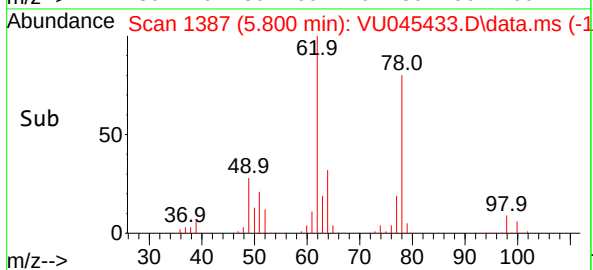
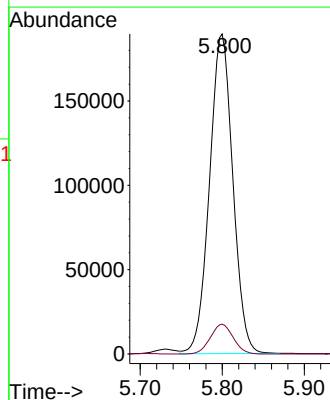
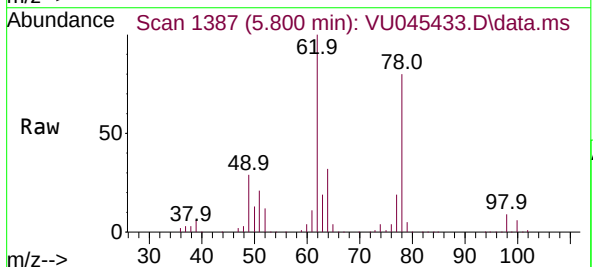
Acq: 28 Oct 2021 12:03

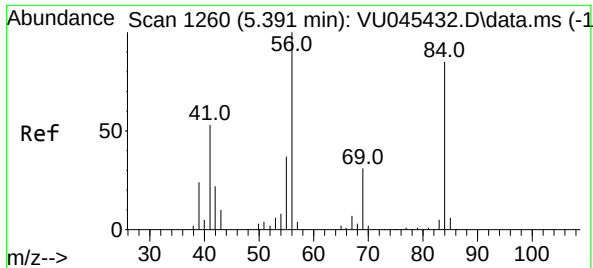
Tgt Ion: 62 Resp: 374761

Ion Ratio Lower Upper

62 100

98 9.3 7.4 11.0





#29

Cyclohexane

Concen: 113.855 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.003 min

Lab File: VU045433.D

Acq: 28 Oct 2021 12:03

Tgt Ion: 56 Resp: 430201

Ion Ratio Lower Upper

56 100

69 31.2 25.0 37.4

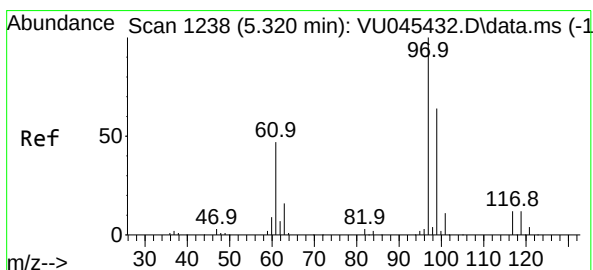
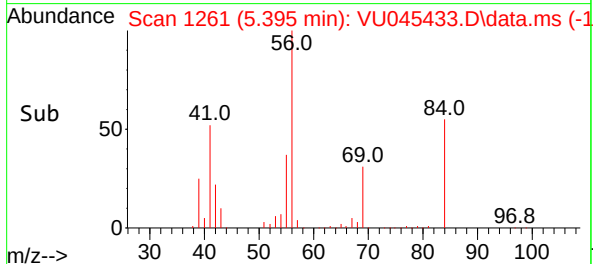
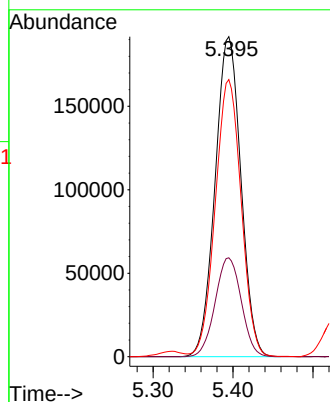
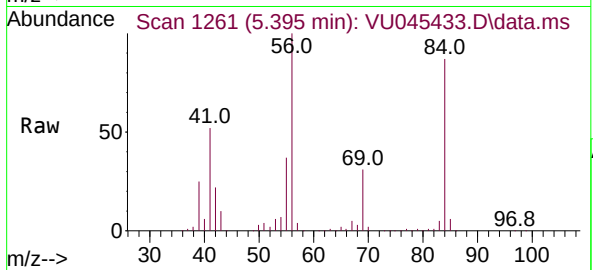
84 86.8 69.9 104.9

Instrument :

MSVOA_U

ClientSampleId :

VSTD100028



#30

1,1,1-Trichloroethane

Concen: 103.860 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU045433.D

Acq: 28 Oct 2021 12:03

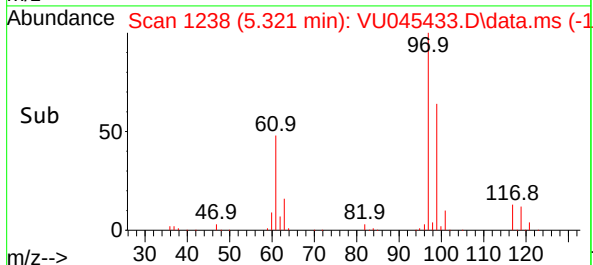
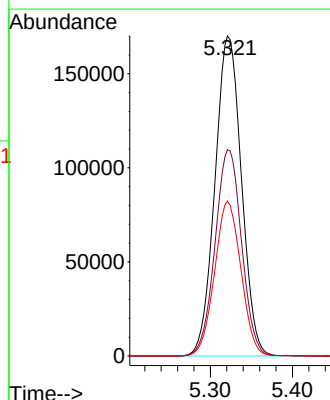
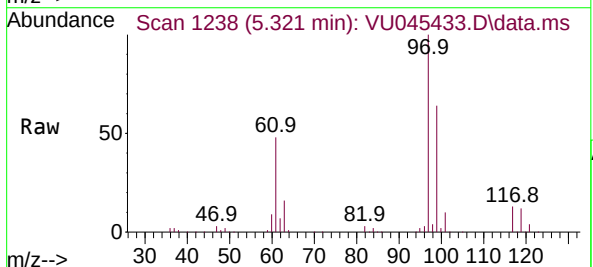
Tgt Ion: 97 Resp: 382015

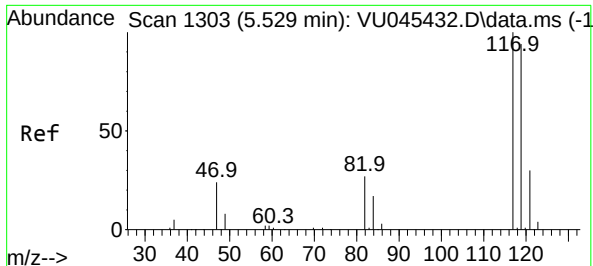
Ion Ratio Lower Upper

97 100

99 64.6 51.3 76.9

61 48.0 38.8 58.2

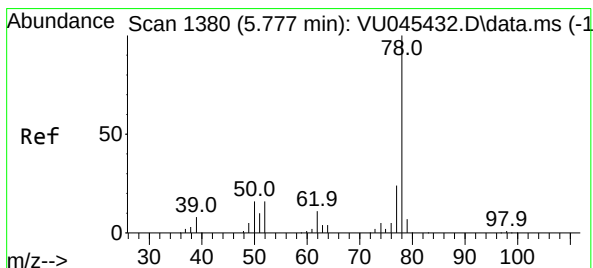
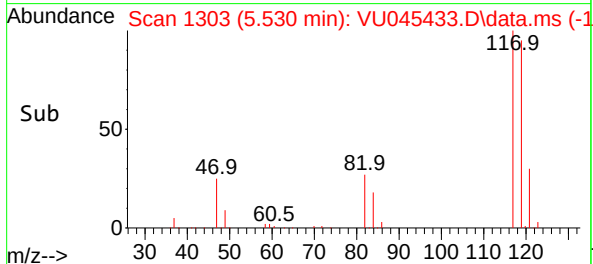
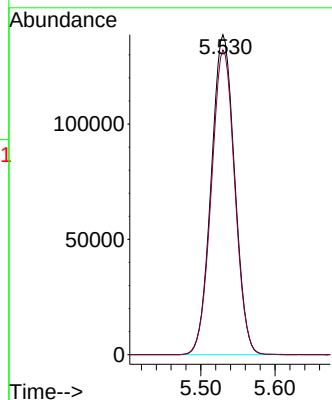
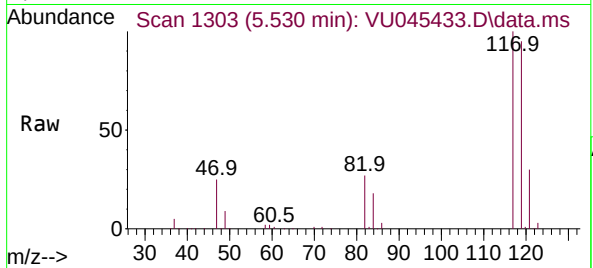




#31
Carbon tetrachloride
Concen: 106.834 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU045433.D
Acq: 28 Oct 2021 12:03

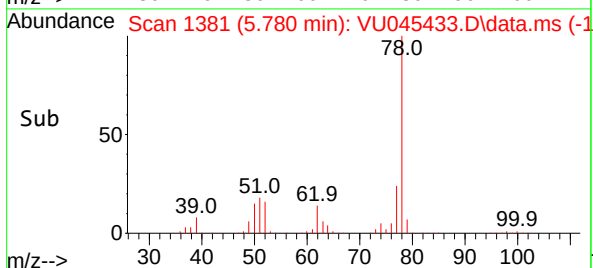
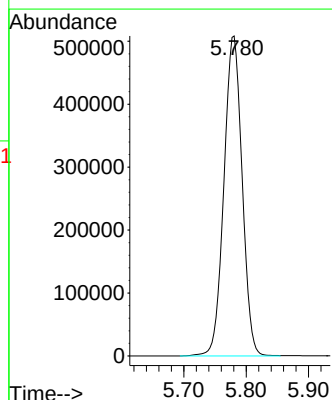
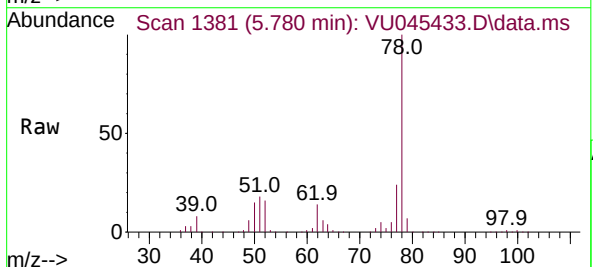
Instrument :
MSVOA_U
ClientSampleId :
VSTD100028

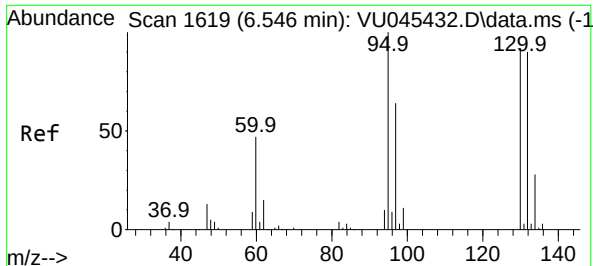
Tgt Ion:117 Resp: 303819
Ion Ratio Lower Upper
117 100
119 95.1 77.0 115.4



#33
Benzene
Concen: 105.718 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.003 min
Lab File: VU045433.D
Acq: 28 Oct 2021 12:03

Tgt Ion: 78 Resp: 1030643





#34

Trichloroethene

Concen: 104.517 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU045433.D

Acq: 28 Oct 2021 12:03

Tgt Ion: 95 Resp: 249796

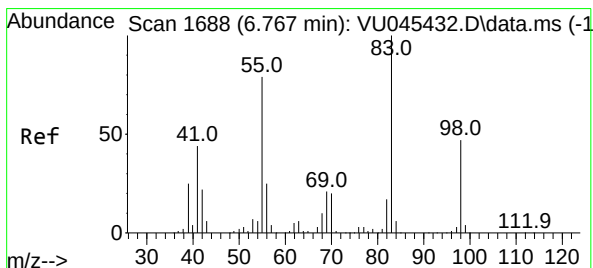
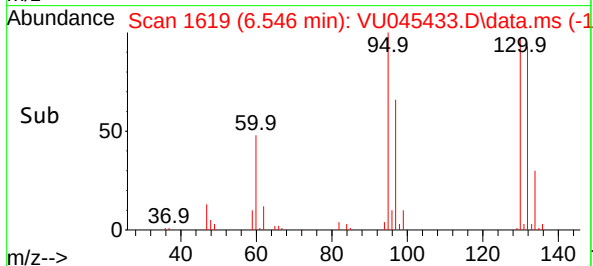
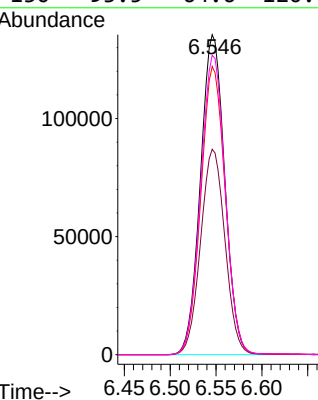
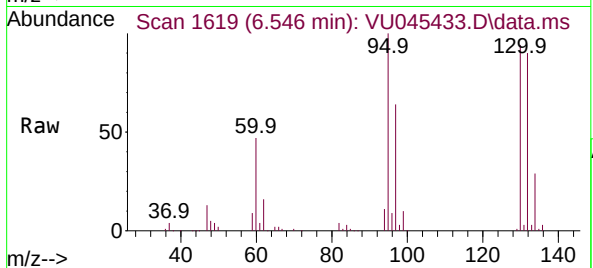
Ion Ratio Lower Upper

95 100

97 64.2 45.0 83.6

132 90.1 63.3 117.7

130 93.5 64.6 120.0



#35

Methylcyclohexane

Concen: 114.224 ug/L

RT: 6.768 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VU045433.D

Acq: 28 Oct 2021 12:03

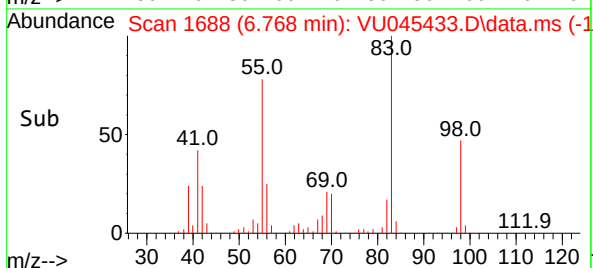
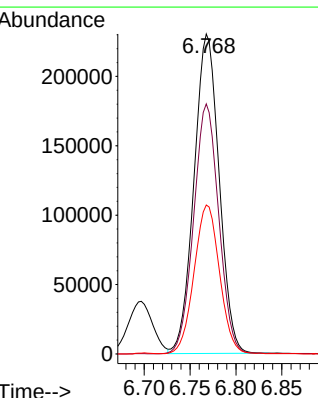
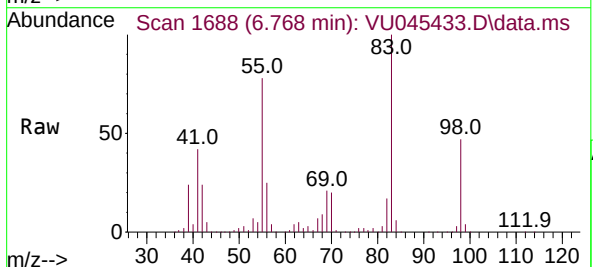
Tgt Ion: 83 Resp: 438614

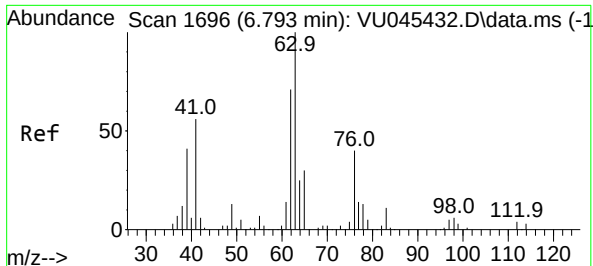
Ion Ratio Lower Upper

83 100

55 78.3 62.8 94.2

98 47.2 37.4 56.2



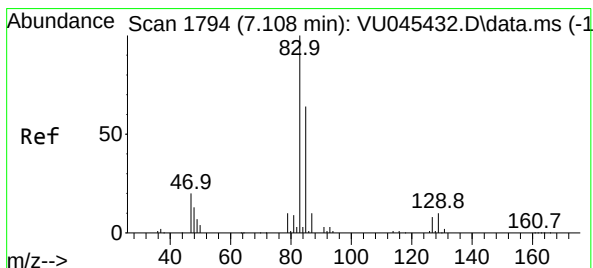
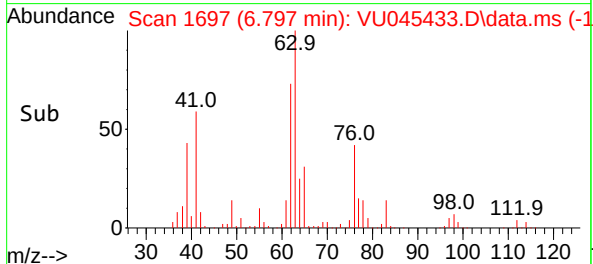
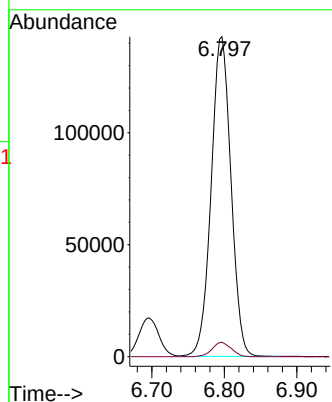
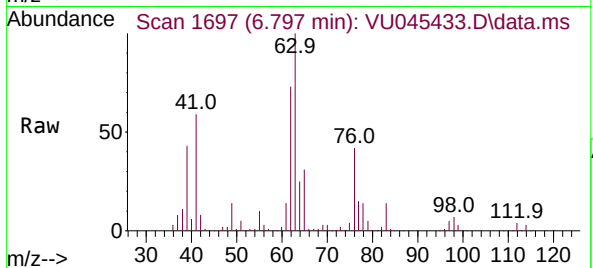


#37

1,2-Dichloropropane
Concen: 102.658 ug/L
RT: 6.797 min Scan# 1697
Delta R.T. 0.003 min
Lab File: VU045433.D
Acq: 28 Oct 2021 12:03

Instrument :
MSVOA_U
ClientSampleId :
VSTD100028

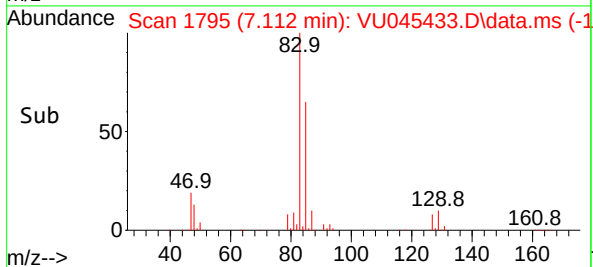
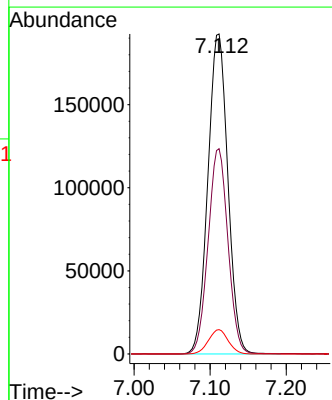
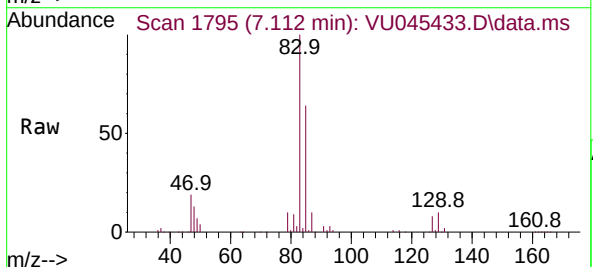
Tgt Ion: 63 Resp: 270616
Ion Ratio Lower Upper
63 100
112 4.3 3.4 5.2

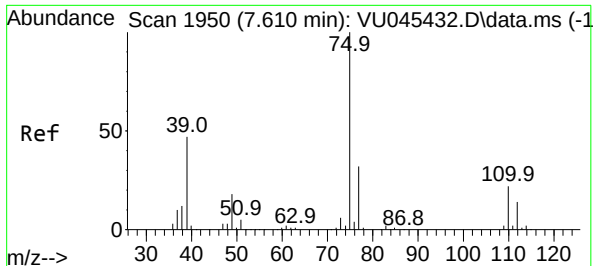


#38

Bromodichloromethane
Concen: 103.229 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. 0.003 min
Lab File: VU045433.D
Acq: 28 Oct 2021 12:03

Tgt Ion: 83 Resp: 351005
Ion Ratio Lower Upper
83 100
85 64.1 45.1 83.9
127 7.6 6.2 9.2



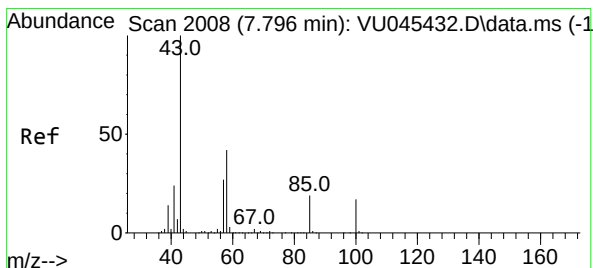
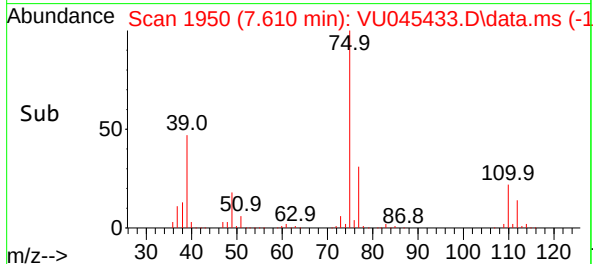
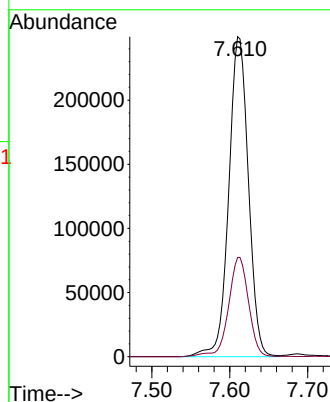
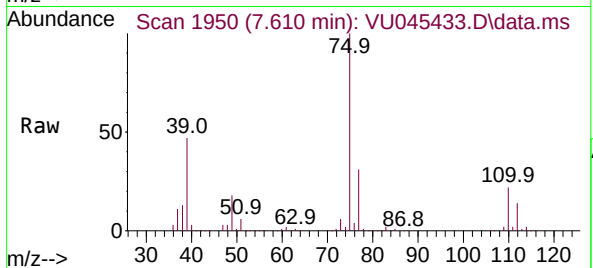


#39

cis-1,3-Dichloropropene
 Concen: 110.107 ug/L
 RT: 7.610 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VU045433.D
 Acq: 28 Oct 2021 12:03

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100028

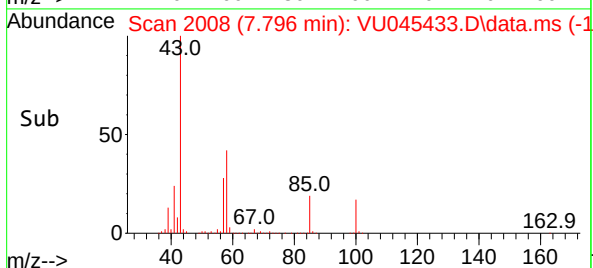
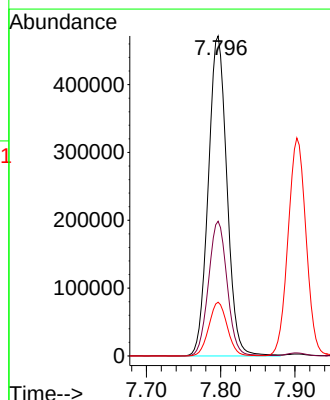
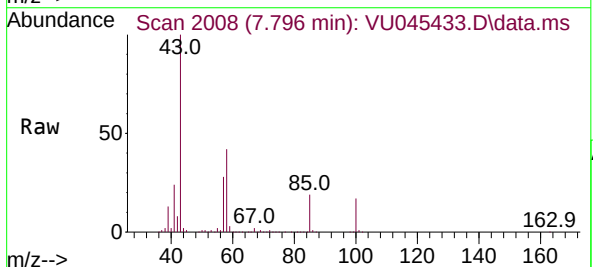
Tgt Ion: 75 Resp: 436599
 Ion Ratio Lower Upper
 75 100
 77 31.0 22.7 42.1

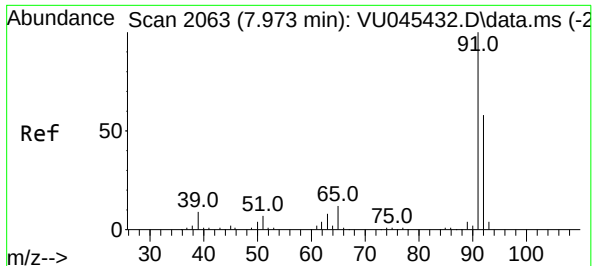


#40

4-Methyl-2-pentanone
 Concen: 205.049 ug/L
 RT: 7.796 min Scan# 2008
 Delta R.T. 0.000 min
 Lab File: VU045433.D
 Acq: 28 Oct 2021 12:03

Tgt Ion: 43 Resp: 820233
 Ion Ratio Lower Upper
 43 100
 58 42.3 33.9 50.9
 100 16.7 13.3 19.9

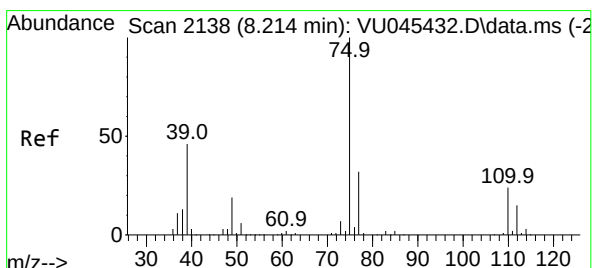
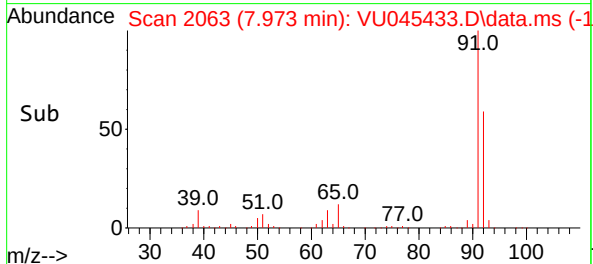
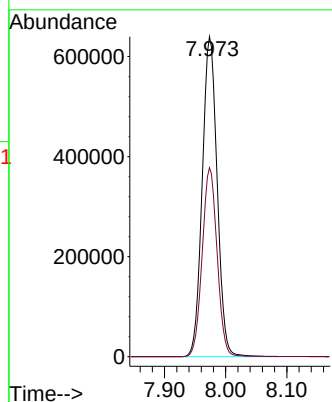
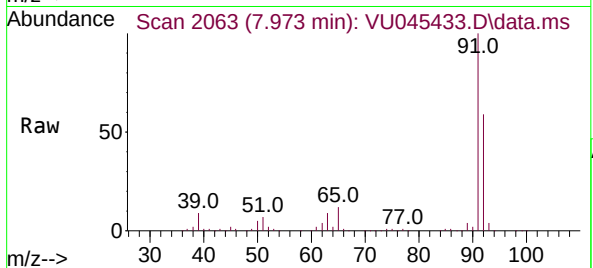




#42
Toluene
Concen: 106.602 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045433.D
Acq: 28 Oct 2021 12:03

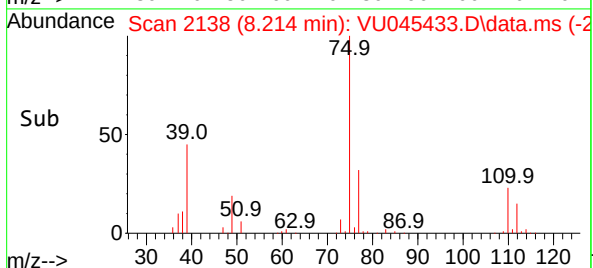
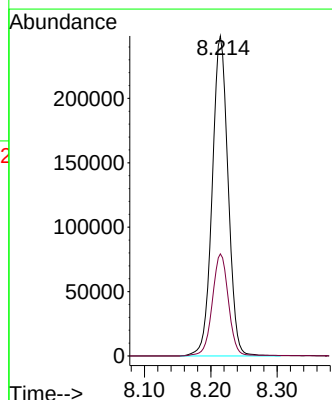
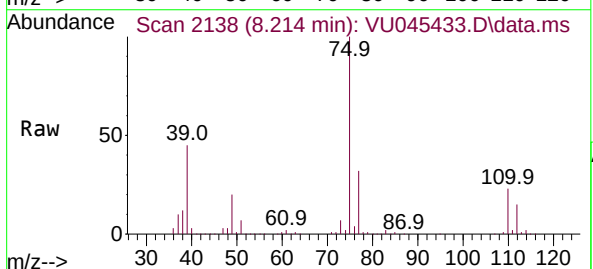
Instrument :
MSVOA_U
ClientSampleId :
VSTD100028

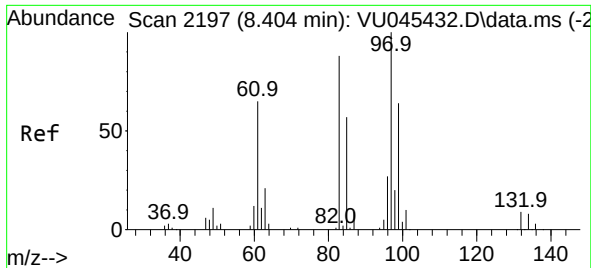
Tgt Ion: 91 Resp: 1084676
Ion Ratio Lower Upper
91 100
92 59.1 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 109.302 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU045433.D
Acq: 28 Oct 2021 12:03

Tgt Ion: 75 Resp: 412954
Ion Ratio Lower Upper
75 100
77 31.9 22.7 42.1

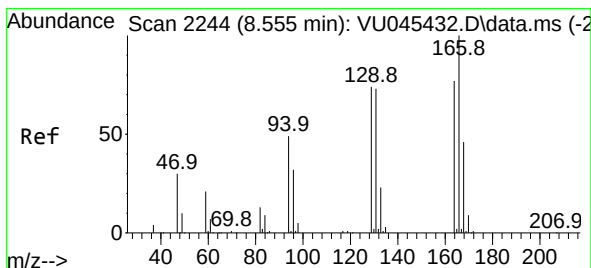
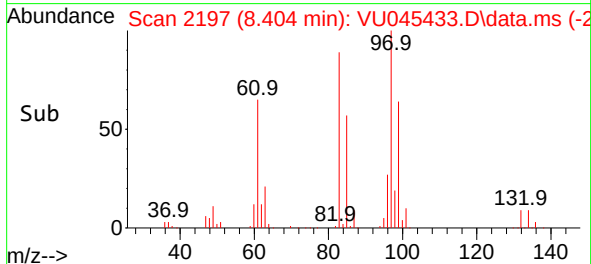
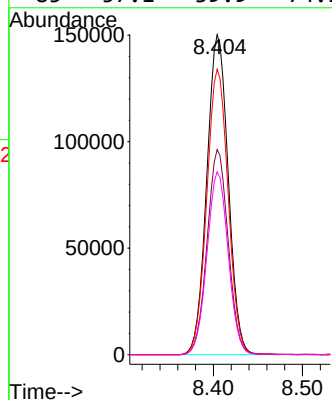
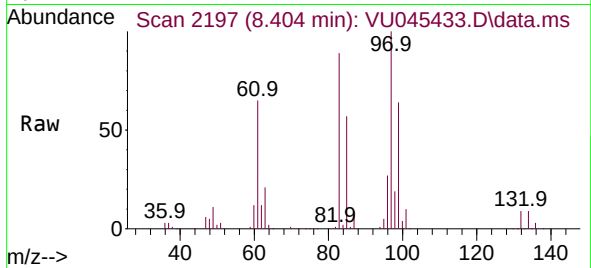




#45
1,1,2-Trichloroethane
Concen: 100.069 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU045433.D
Acq: 28 Oct 2021 12:03

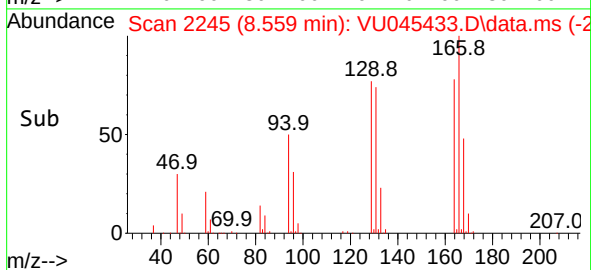
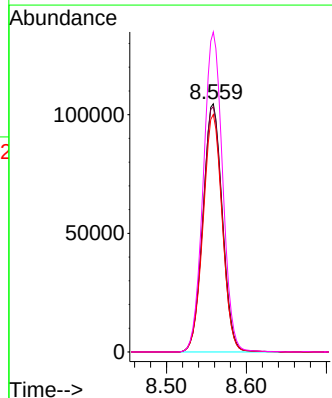
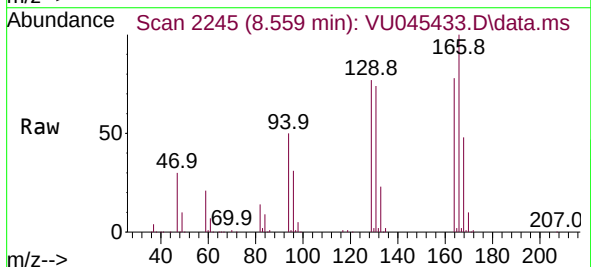
Instrument :
MSVOA_U
ClientSampleId :
VSTD100028

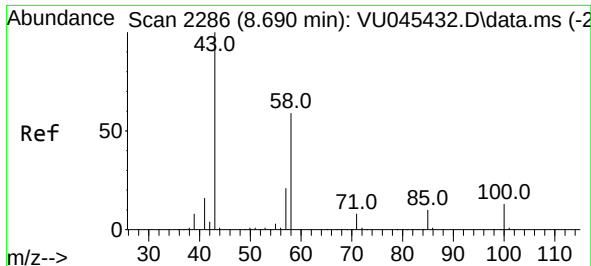
Tgt Ion:	97	Resp:	251534
Ion	Ratio	Lower	Upper
97	100		
99	64.1	44.7	82.9
83	89.2	61.5	114.1
85	57.1	39.9	74.1



#46
Tetrachloroethene
Concen: 106.151 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU045433.D
Acq: 28 Oct 2021 12:03

Tgt Ion:	164	Resp:	176983
Ion	Ratio	Lower	Upper
164	100		
129	98.9	66.8	124.2
131	95.7	65.6	121.8
166	128.9	90.4	168.0

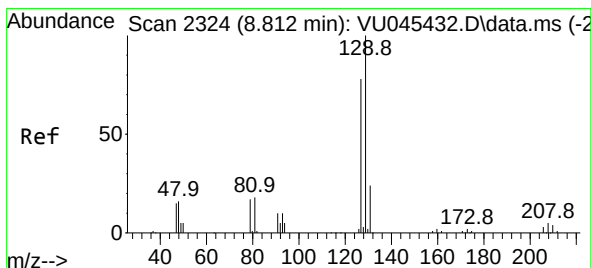
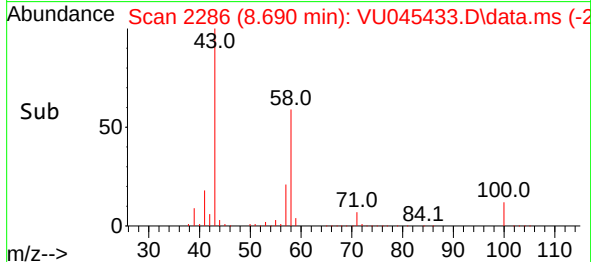
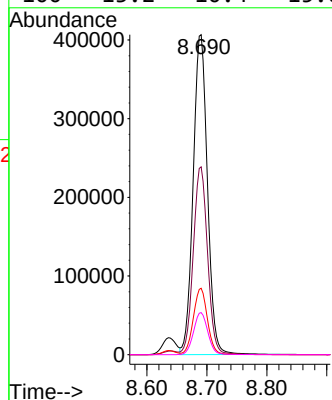
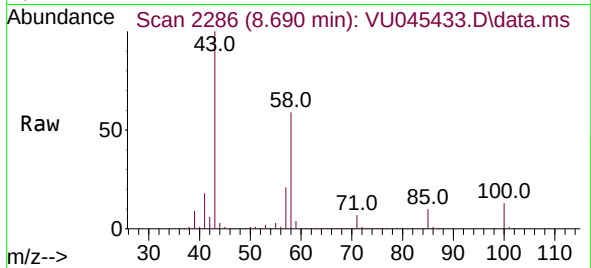




#48
2-Hexanone
Concen: 200.567 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. 0.000 min
Lab File: VU045433.D
Acq: 28 Oct 2021 12:03

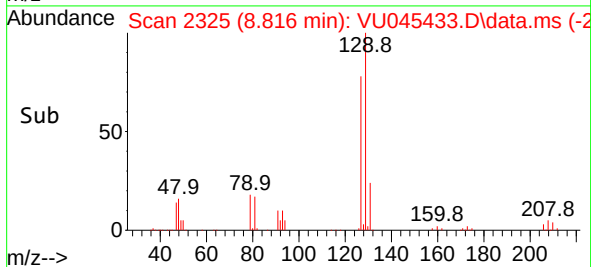
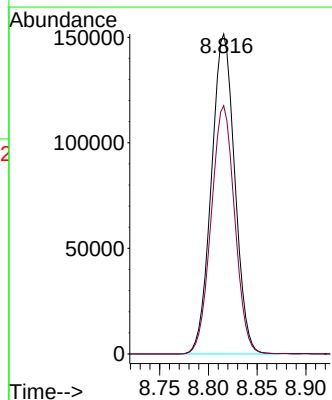
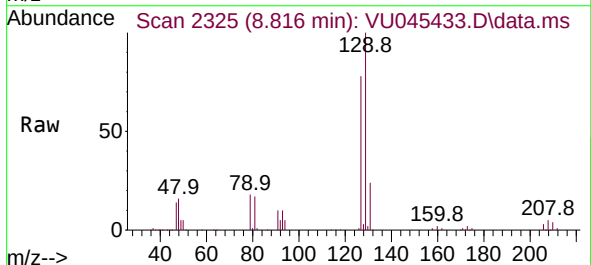
Instrument :
MSVOA_U
ClientSampleId :
VSTD100028

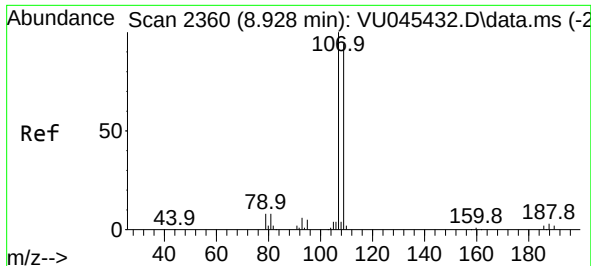
Tgt Ion:	43	Resp:	673514
Ion	Ratio	Lower	Upper
43	100		
58	58.6	47.0	70.4
57	20.6	16.3	24.5
100	13.2	10.4	15.6



#49
Dibromochloromethane
Concen: 103.230 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.003 min
Lab File: VU045433.D
Acq: 28 Oct 2021 12:03

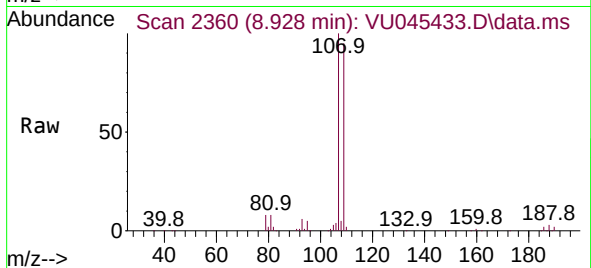
Tgt Ion:	129	Resp:	252952
Ion	Ratio	Lower	Upper
129	100		
127	77.6	54.9	101.9



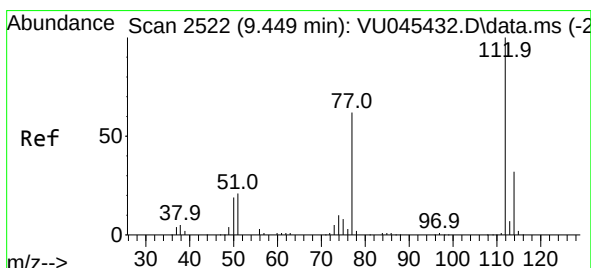
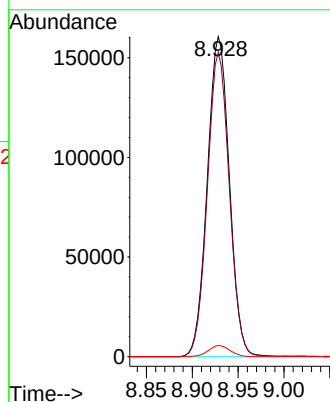
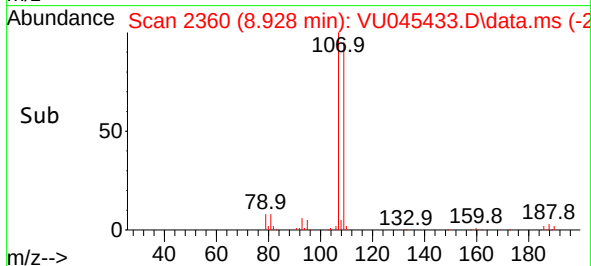


#50
1,2-Dibromoethane
Concen: 103.279 ug/L
RT: 8.928 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VU045433.D
Acq: 28 Oct 2021 12:03

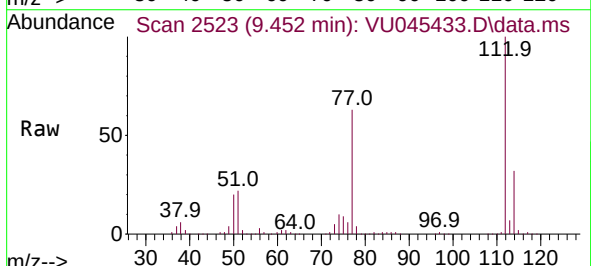
Instrument :
MSVOA_U
ClientSampleId :
VSTD100028



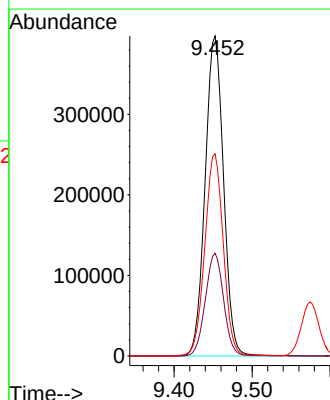
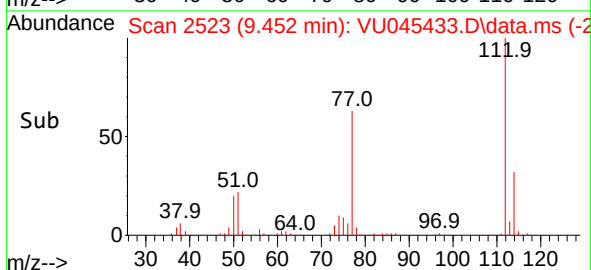
Tgt Ion:107 Resp: 268967
Ion Ratio Lower Upper
107 100
109 95.1 66.1 122.8
188 3.5 2.8 4.2

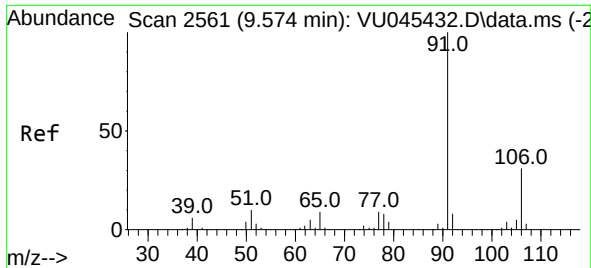


#51
Chlorobenzene
Concen: 102.088 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. 0.003 min
Lab File: VU045433.D
Acq: 28 Oct 2021 12:03



Tgt Ion:112 Resp: 652697
Ion Ratio Lower Upper
112 100
114 32.1 22.5 41.7
77 63.2 49.8 74.6

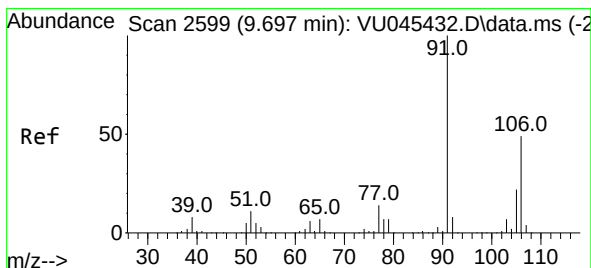
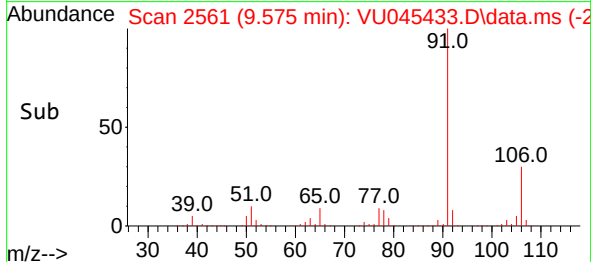
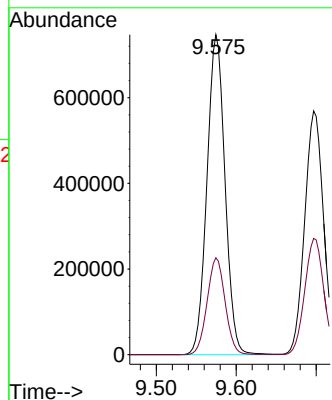
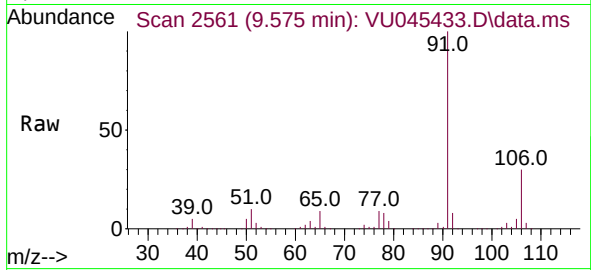




#52
Ethylbenzene
Concen: 107.137 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU045433.D
Acq: 28 Oct 2021 12:03

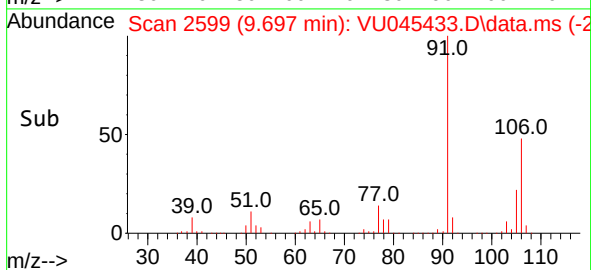
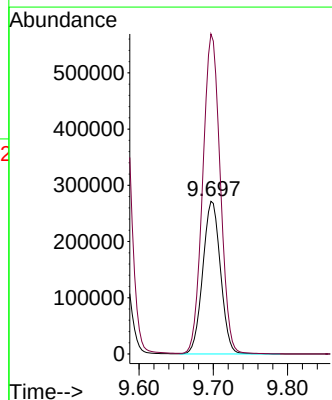
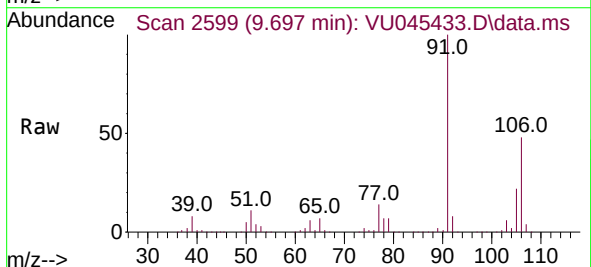
Instrument :
MSVOA_U
ClientSampleId :
VSTD100028

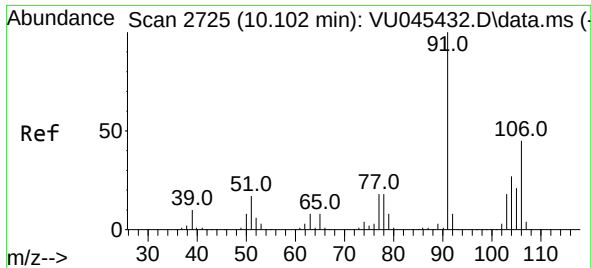
Tgt Ion: 91 Resp: 1175730
Ion Ratio Lower Upper
91 100
106 30.3 21.7 40.3



#53
m,p-Xylene
Concen: 107.426 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045433.D
Acq: 28 Oct 2021 12:03

Tgt Ion:106 Resp: 449667
Ion Ratio Lower Upper
106 100
91 209.6 142.2 264.2

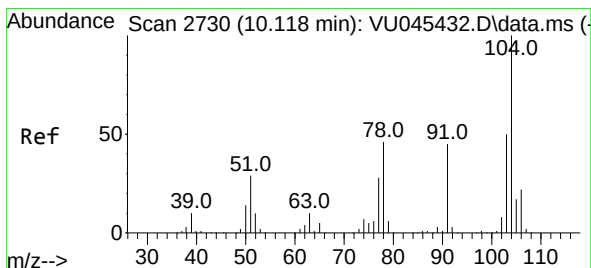
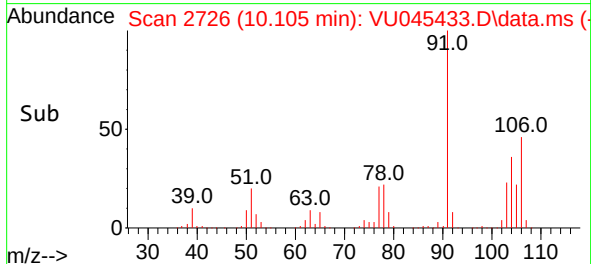
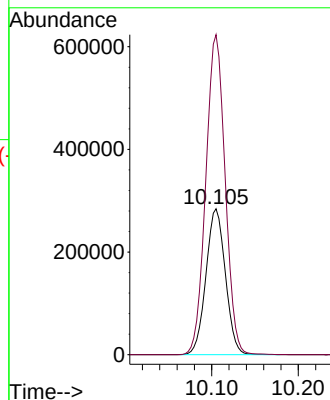
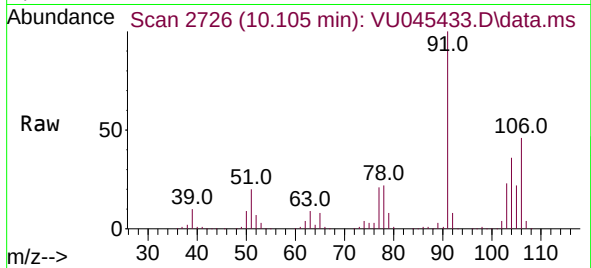




#54
o-xylene
Concen: 105.953 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.003 min
Lab File: VU045433.D
Acq: 28 Oct 2021 12:03

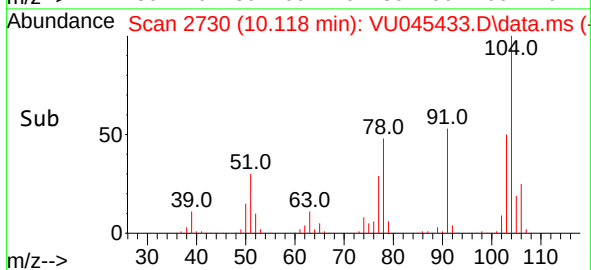
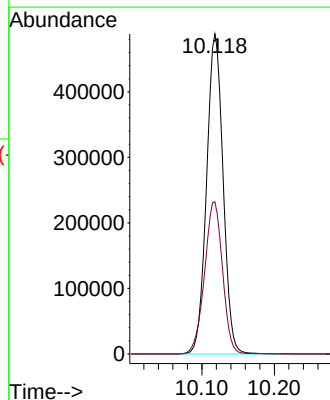
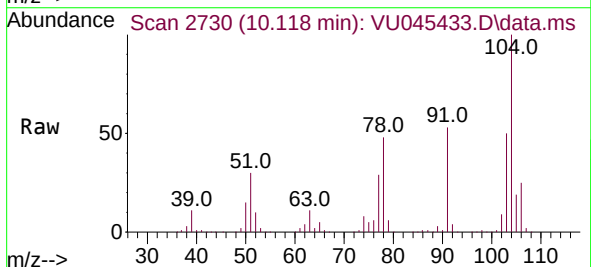
Instrument :
MSVOA_U
ClientSampleId :
VSTD100028

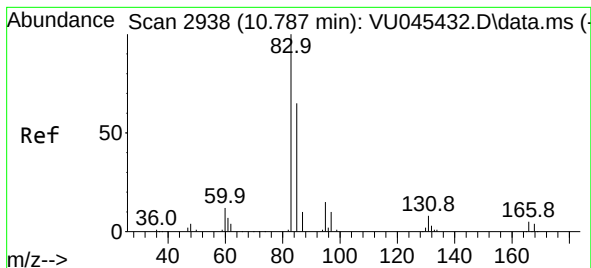
Tgt Ion:106 Resp: 443245
Ion Ratio Lower Upper
106 100
91 219.3 155.2 288.2



#55
Styrene
Concen: 109.078 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU045433.D
Acq: 28 Oct 2021 12:03

Tgt Ion:104 Resp: 771305
Ion Ratio Lower Upper
104 100
78 47.6 32.6 60.6

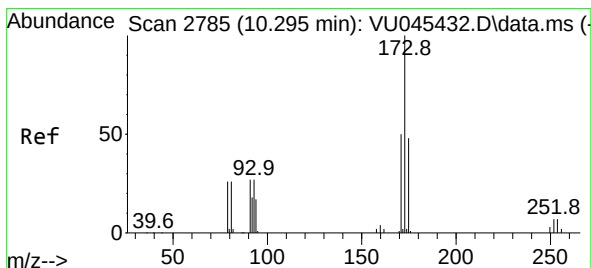
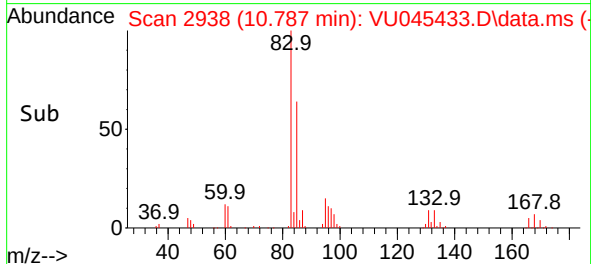
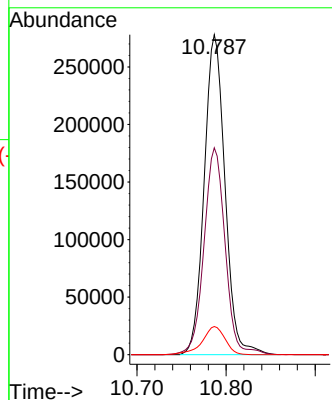
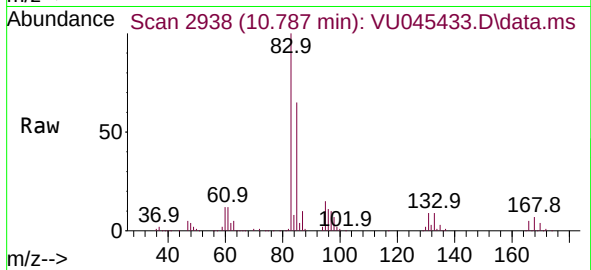




#57
1,1,2,2-Tetrachloroethane
Concen: 100.591 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU045433.D
Acq: 28 Oct 2021 12:03

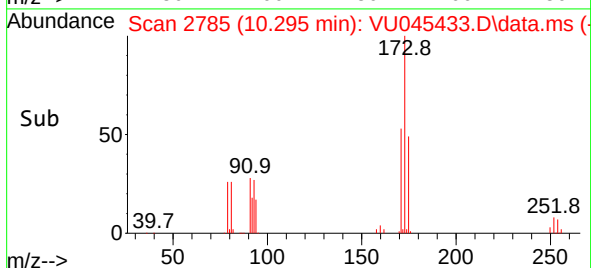
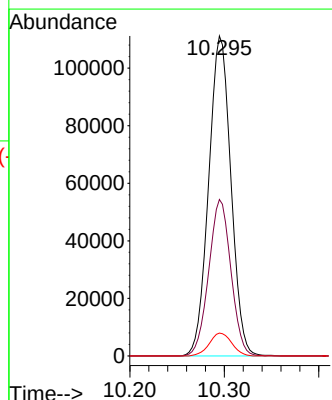
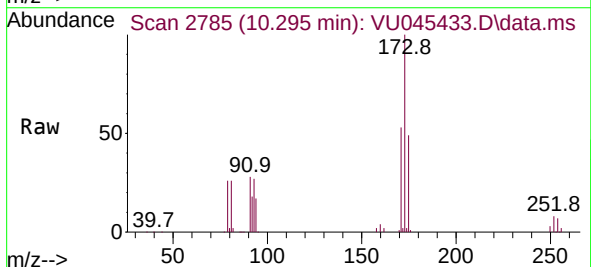
Instrument :
MSVOA_U
ClientSampleId :
VSTD100028

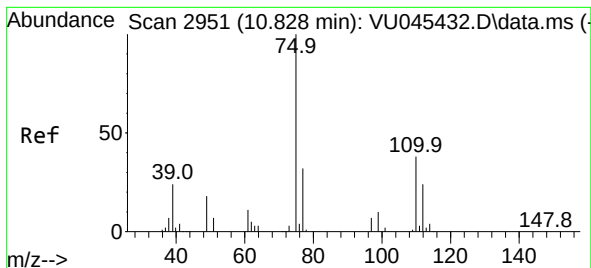
Tgt Ion: 83 Resp: 450595
Ion Ratio Lower Upper
83 100
85 64.6 46.0 85.4
131 8.8 7.0 10.4



#59
Bromoform
Concen: 105.037 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.000 min
Lab File: VU045433.D
Acq: 28 Oct 2021 12:03

Tgt Ion:173 Resp: 181728
Ion Ratio Lower Upper
173 100
175 48.7 38.7 58.1
254 7.2 5.8 8.8

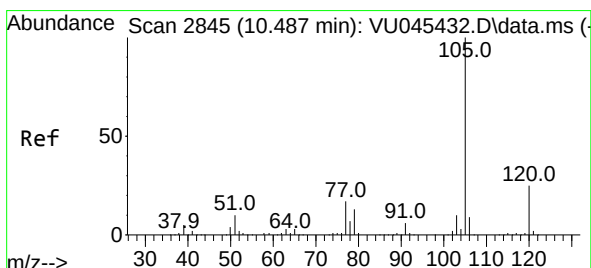
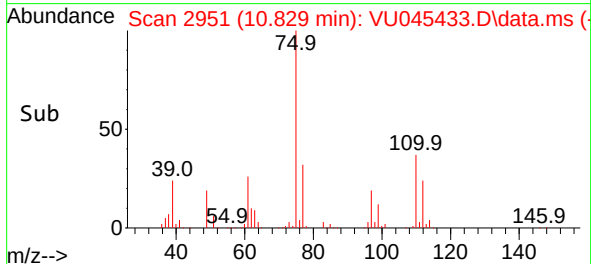
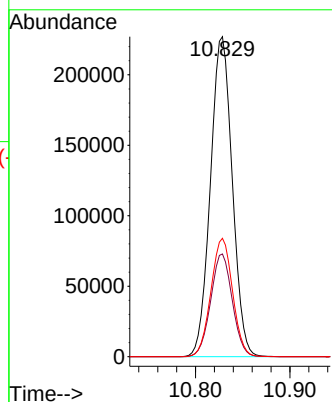
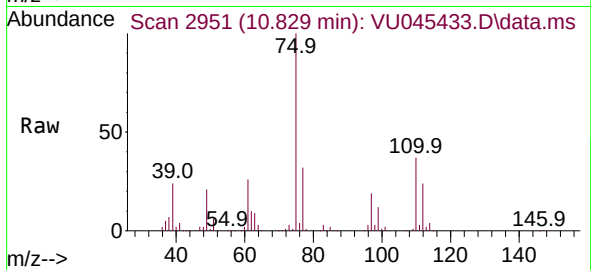




#60
1,2,3-Trichloropropane
Concen: 100.416 ug/L
RT: 10.829 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU045433.D
Acq: 28 Oct 2021 12:03

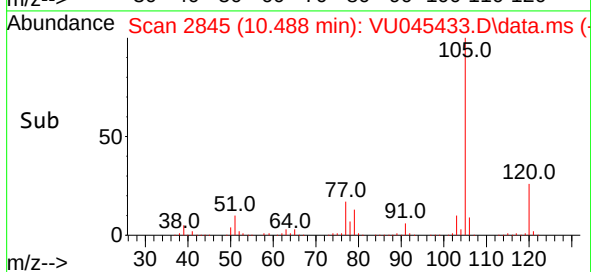
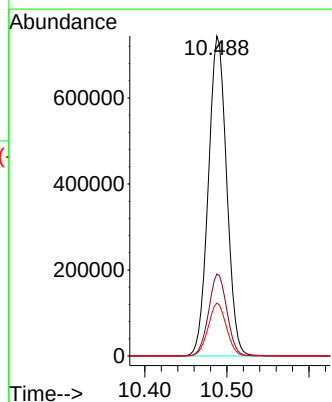
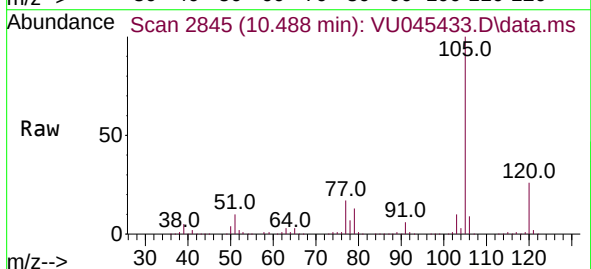
Instrument :
MSVOA_U
ClientSampleId :
VSTD100028

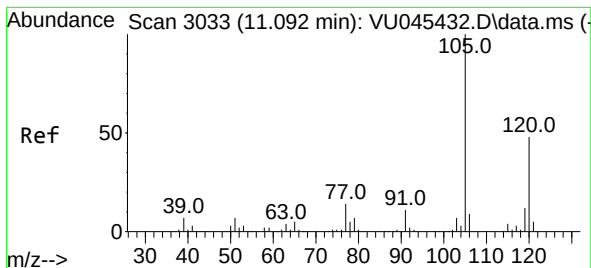
Tgt Ion: 75 Resp: 364380
Ion Ratio Lower Upper
75 100
77 31.8 25.9 38.9
110 36.6 29.8 44.8



#61
Isopropylbenzene
Concen: 106.578 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045433.D
Acq: 28 Oct 2021 12:03

Tgt Ion:105 Resp: 1149891
Ion Ratio Lower Upper
105 100
120 25.7 20.4 30.6
77 16.5 13.3 19.9

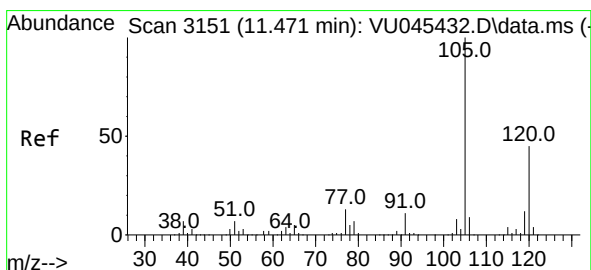
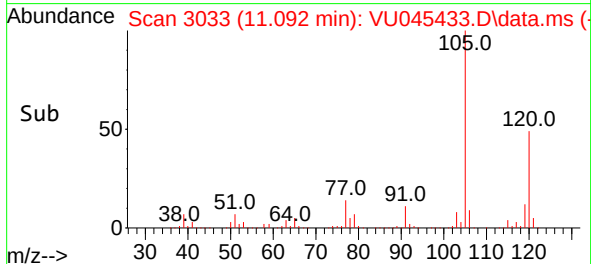
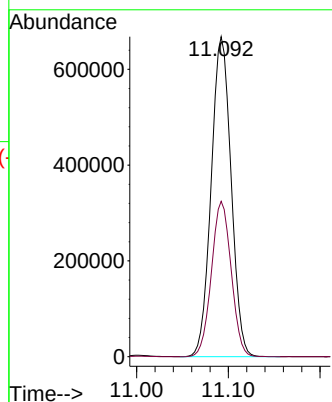
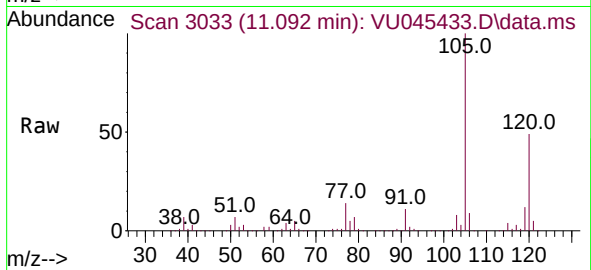




#62
1,3,5-Trimethylbenzene
Concen: 112.230 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU045433.D
Acq: 28 Oct 2021 12:03

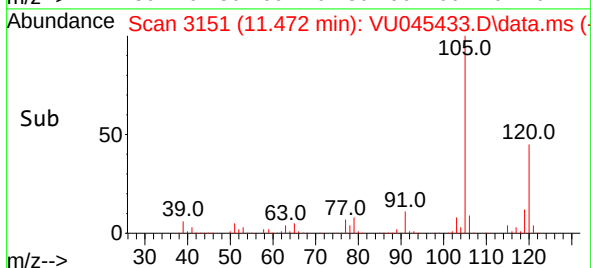
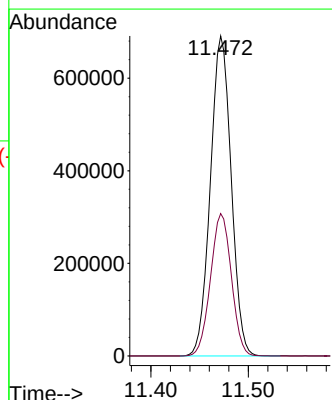
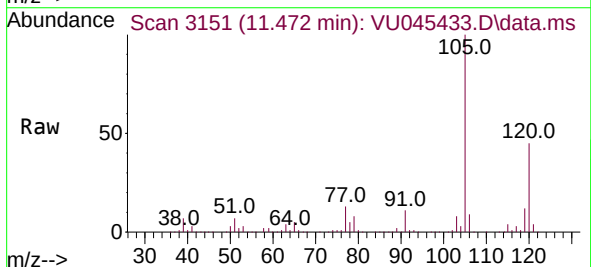
Instrument :
MSVOA_U
ClientSampleId :
VSTD100028

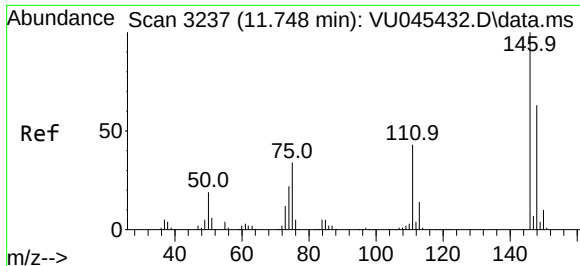
Tgt Ion:105 Resp: 1005951
Ion Ratio Lower Upper
105 100
120 48.1 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 112.822 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU045433.D
Acq: 28 Oct 2021 12:03

Tgt Ion:105 Resp: 1026283
Ion Ratio Lower Upper
105 100
120 44.6 35.6 53.4

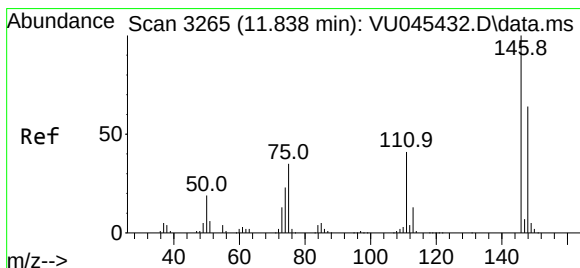
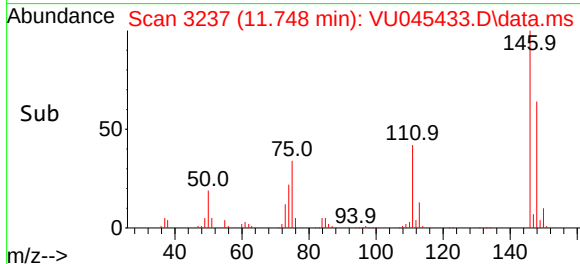
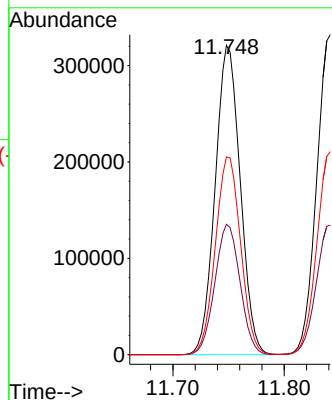
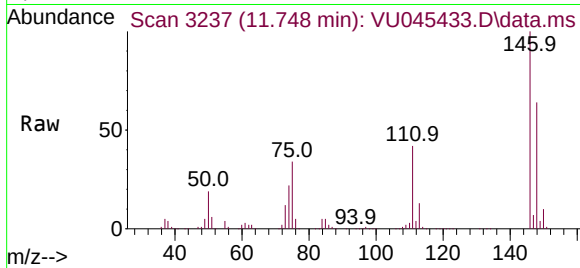




#64
1,3-Dichlorobenzene
Concen: 103.168 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU045433.D
Acq: 28 Oct 2021 12:03

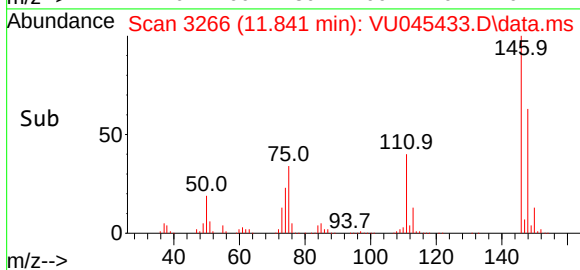
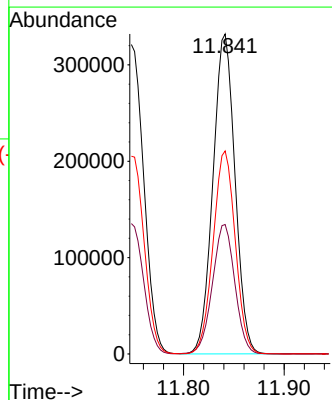
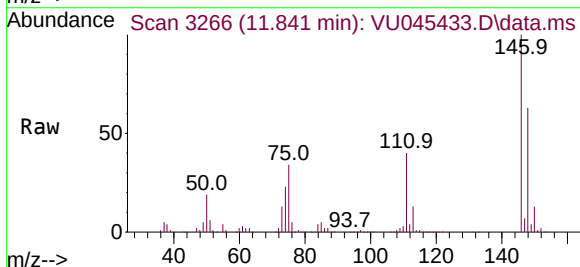
Instrument :
MSVOA_U
ClientSampleId :
VSTD100028

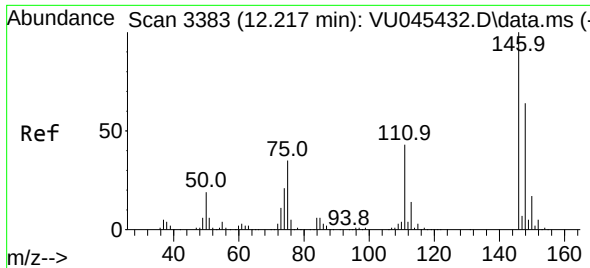
Tgt Ion:146 Resp: 502712
Ion Ratio Lower Upper
146 100
111 42.1 29.8 55.4
148 63.9 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 102.474 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.003 min
Lab File: VU045433.D
Acq: 28 Oct 2021 12:03

Tgt Ion:146 Resp: 506021
Ion Ratio Lower Upper
146 100
111 40.5 28.6 53.0
148 63.5 44.5 82.7

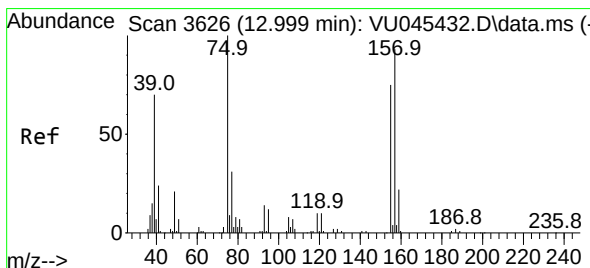
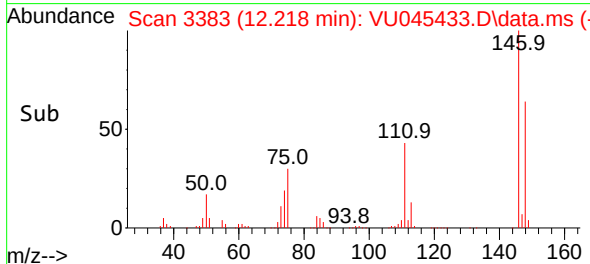
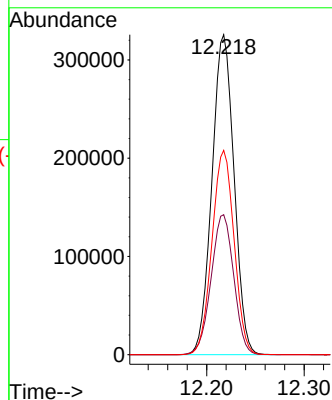
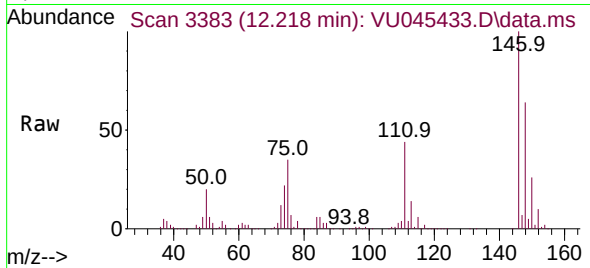




#67
1,2-Dichlorobenzene
Concen: 103.399 ug/L
RT: 12.218 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU045433.D
Acq: 28 Oct 2021 12:03

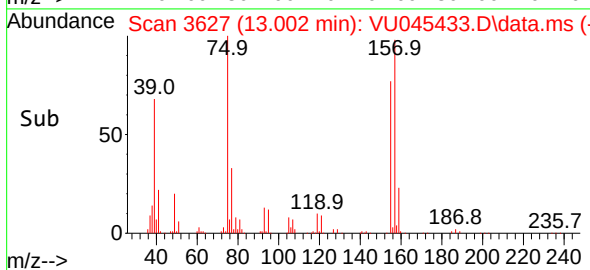
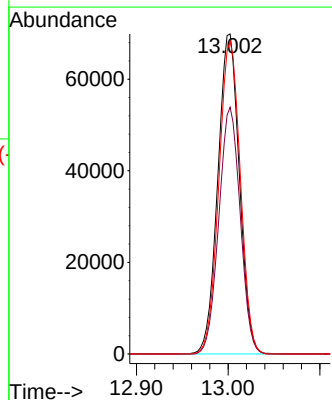
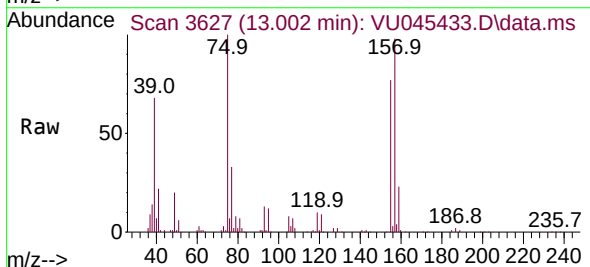
Instrument :
MSVOA_U
ClientSampleId :
VSTD100028

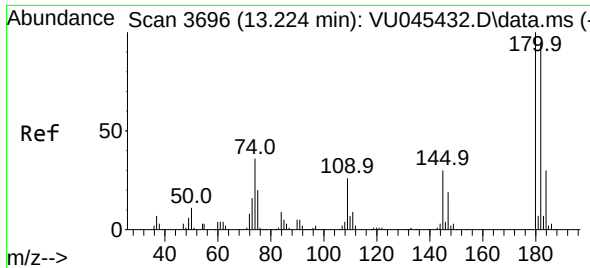
Tgt Ion:146 Resp: 513017
Ion Ratio Lower Upper
146 100
111 43.8 34.6 52.0
148 63.8 51.2 76.8



#68
1,2-Dibromo-3-chloropropane
Concen: 112.072 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. 0.003 min
Lab File: VU045433.D
Acq: 28 Oct 2021 12:03

Tgt Ion: 75 Resp: 114069
Ion Ratio Lower Upper
75 100
155 77.1 60.0 90.0
157 101.4 77.9 116.9

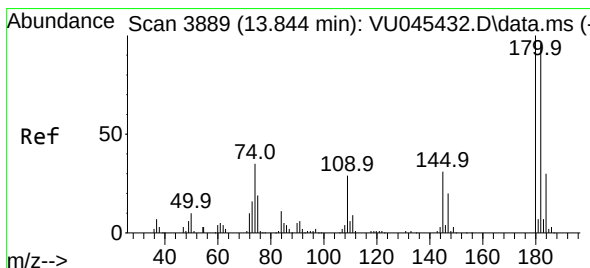
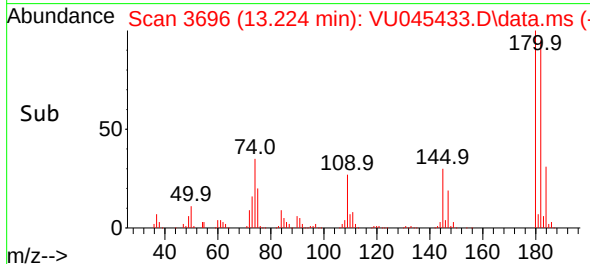
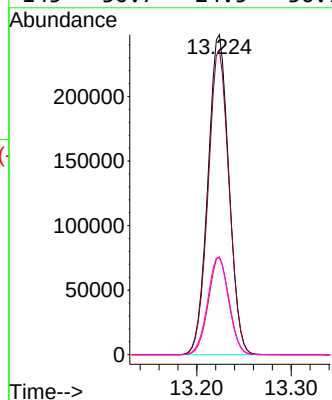
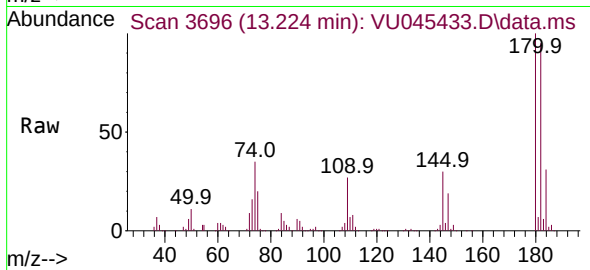




#69
1,3,5-Trichlorobenzene
Concen: 112.632 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. 0.000 min
Lab File: VU045433.D
Acq: 28 Oct 2021 12:03

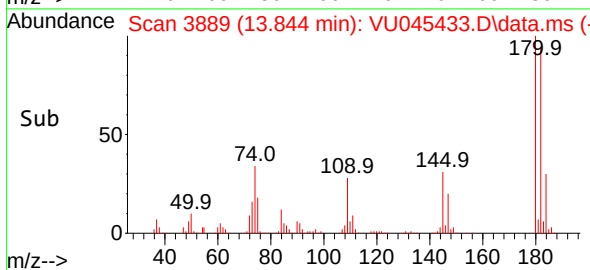
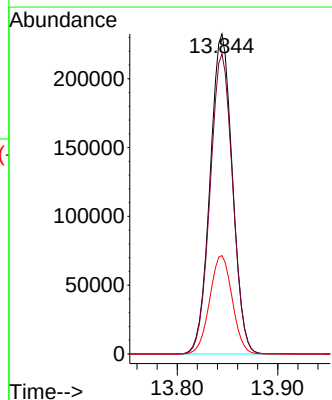
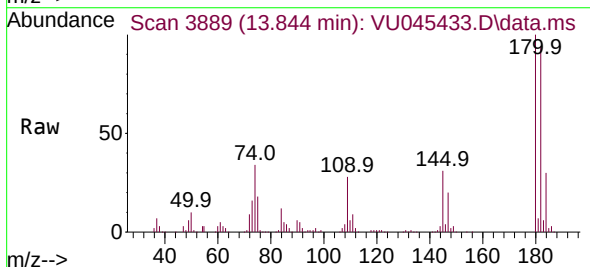
Instrument :
MSVOA_U
ClientSampleId :
VSTD100028

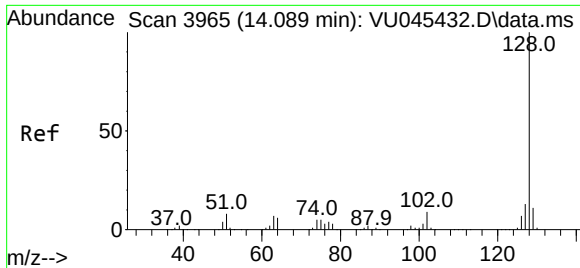
Tgt Ion:180 Resp: 381926
Ion Ratio Lower Upper
180 100
182 95.2 76.6 114.8
184 30.1 23.9 35.9
145 30.7 24.5 36.7



#70
1,2,4-trichlorobenzene
Concen: 124.451 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU045433.D
Acq: 28 Oct 2021 12:03

Tgt Ion:180 Resp: 358806
Ion Ratio Lower Upper
180 100
182 94.4 76.1 114.1
145 31.0 25.3 37.9



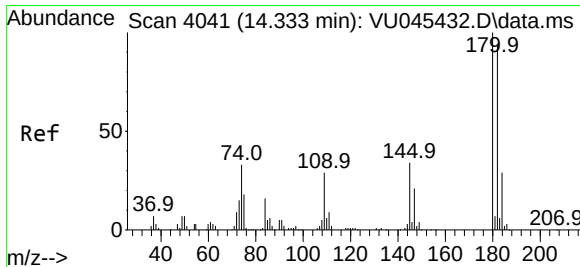
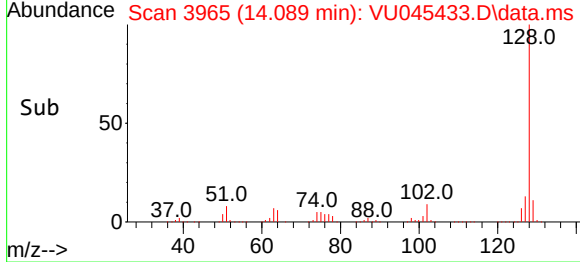
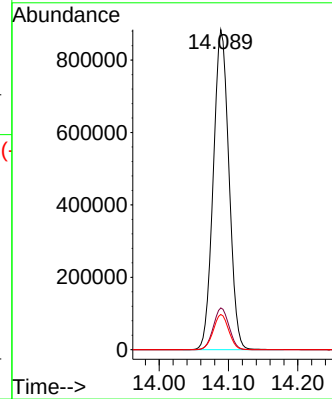
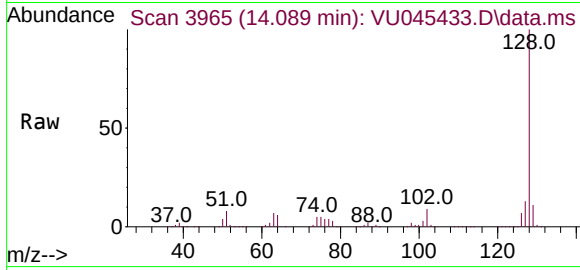


#71
Naphthalene
Concen: 139.248 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU045433.D
Acq: 28 Oct 2021 12:03

Instrument :
MSVOA_U
ClientSampleId :
VSTD100028

Tgt Ion:128 Resp: 1384077

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.8	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 124.751 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU045433.D
Acq: 28 Oct 2021 12:03

Tgt Ion:180 Resp: 361086

Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.7	113.5
145	33.7	27.0	40.4

