

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101121\
 Data File : VU045276.D
 Acq On : 11 Oct 2021 10:42
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050101

Quant Time: Oct 12 05:03:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 11 01:47:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	258098	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	267025	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	139906	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	126368	44.725	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.460%
7) Chloroethane-d5	1.880	69	86047	38.432	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.860%
11) 1,1-Dichloroethene-d2	2.559	63	215574	45.433	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.860%
21) 2-Butanone-d5	4.629	46	207525	92.906	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.910%
24) Chloroform-d	5.067	84	210919	47.265	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.540%
26) 1,2-Dichloroethane-d4	5.703	65	139673	46.208	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.420%
32) Benzene-d6	5.729	84	426043	45.981	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.960%
36) 1,2-Dichloropropane-d6	6.694	67	136137	45.060	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.120%
41) Toluene-d8	7.899	98	377599	47.223	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.440%
43) trans-1,3-Dichloroprop...	8.182	79	66565	49.530	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.060%
47) 2-Hexanone-d5	8.639	63	161504	96.462	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.460%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	243872	51.837	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.680%
66) 1,2-Dichlorobenzene-d4	12.198	152	153811	50.517	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	120553	48.781	ug/L	99
3) Chloromethane	1.520	50	134693	43.726	ug/L	99
5) Vinyl chloride	1.607	62	144667	47.936	ug/L	99
6) Bromomethane	1.829	94	36615	25.295	ug/L	99
8) Chloroethane	1.903	64	95047	50.180	ug/L	98
9) Trichlorofluoromethane	2.118	101	162899	47.160	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	107107	49.127	ug/L	98
12) 1,1-Dichloroethene	2.572	96	99204	49.635	ug/L	92
13) Acetone	2.636	43	262266	101.573	ug/L	99
14) Carbon disulfide	2.787	76	287969	44.973	ug/L	99
15) Methyl Acetate	2.951	43	150136	47.147	ug/L	98
16) Methylene chloride	3.044	84	124596	49.206	ug/L	97
17) trans-1,2-Dichloroethene	3.350	96	104669	49.713	ug/L	98
18) Methyl tert-butyl Ether	3.369	73	377489	54.374	ug/L	99
19) 1,1-Dichloroethane	3.871	63	217629	49.685	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	120890	52.107	ug/L	95
22) 2-Butanone	4.710	43	297533	102.957	ug/L	98
23) Bromochloromethane	4.977	128	57900	49.230	ug/L	97
25) Chloroform	5.092	83	213458	49.021	ug/L	99

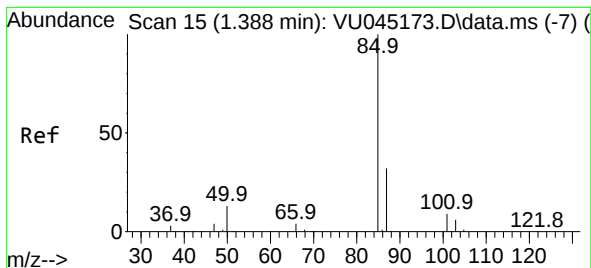
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	180819	49.648	ug/L	98
29) Cyclohexane	5.388	56	193566	48.226	ug/L	98
30) 1,1,1-Trichloroethane	5.317	97	173045	46.815	ug/L	98
31) Carbon tetrachloride	5.526	117	133809	45.833	ug/L	98
33) Benzene	5.777	78	484615	48.932	ug/L	100
34) Trichloroethene	6.543	95	114427	48.103	ug/L	99
35) Methylcyclohexane	6.764	83	193045	48.472	ug/L	98
37) 1,2-Dichloropropane	6.793	63	130438	48.373	ug/L	99
38) Bromodichloromethane	7.108	83	161963	49.000	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	197921	51.297	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	485139	107.701	ug/L	98
42) Toluene	7.973	91	510298	50.711	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	193827	52.832	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	129577	53.025	ug/L	99
46) Tetrachloroethene	8.555	164	80281	47.216	ug/L	98
48) 2-Hexanone	8.690	43	440113	110.181	ug/L	98
49) Dibromochloromethane	8.816	129	125278	51.836	ug/L	99
50) 1,2-Dibromoethane	8.928	107	131940	51.568	ug/L	98
51) Chlorobenzene	9.449	112	328155	52.823	ug/L	99
52) Ethylbenzene	9.575	91	574392	54.033	ug/L	100
53) m,p-Xylene	9.697	106	223018	55.380	ug/L	99
54) o-xylene	10.105	106	224748	56.795	ug/L	97
55) Styrene	10.118	104	401364	58.979	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	259153	55.385	ug/L	100
59) Bromoform	10.295	173	95420	54.993	ug/L	100
60) 1,2,3-Trichloropropane	10.829	75	210037	54.279	ug/L	100
61) Isopropylbenzene	10.488	105	584188	57.055	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	516460	60.398	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	523585	59.795	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	264213	55.838	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	262913	54.155	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	266629	54.890	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	54938	49.403	ug/L	100
69) 1,3,5-Trichlorobenzene	13.224	180	177453	54.039	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	141846	51.981	ug/L	100
71) Naphthalene	14.089	128	514811	54.442	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	144425	51.729	ug/L	99

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



#2

Dichlorodifluoromethane

Concen: 48.781 ug/L

RT: 1.385 min Scan# 14

Delta R.T. -0.000 min

Lab File: VU045276.D

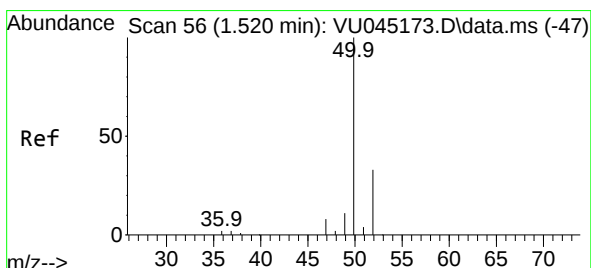
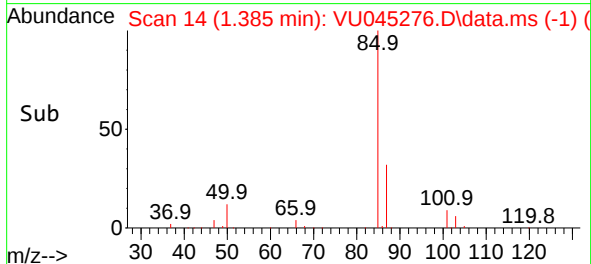
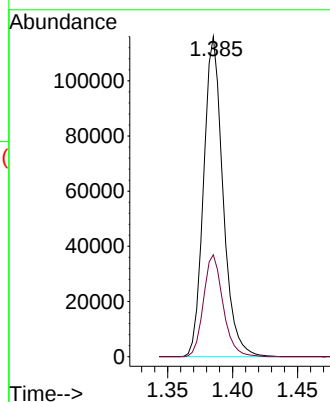
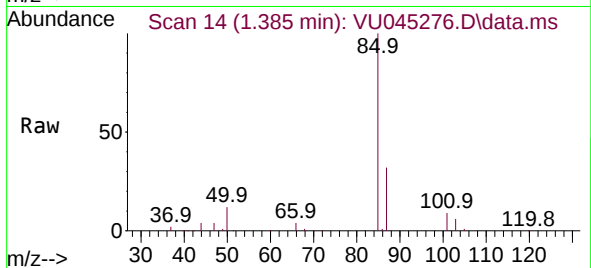
Acq: 11 Oct 2021 10:42

Tgt Ion: 85 Resp: 120553

Ion Ratio Lower Upper

85 100

87 32.0 25.2 37.8



#3

Chloromethane

Concen: 43.726 ug/L

RT: 1.520 min Scan# 56

Delta R.T. -0.003 min

Lab File: VU045276.D

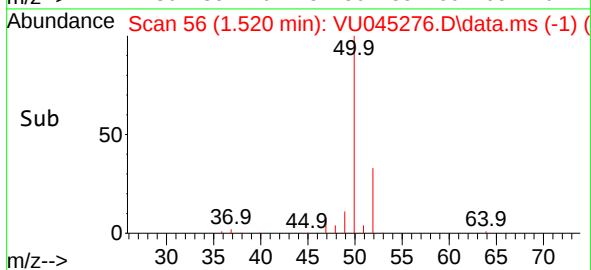
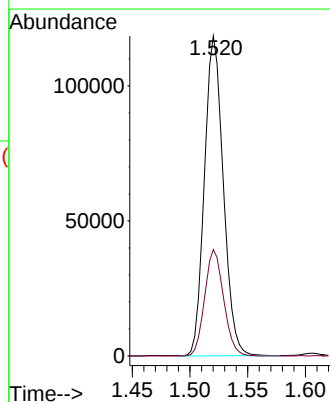
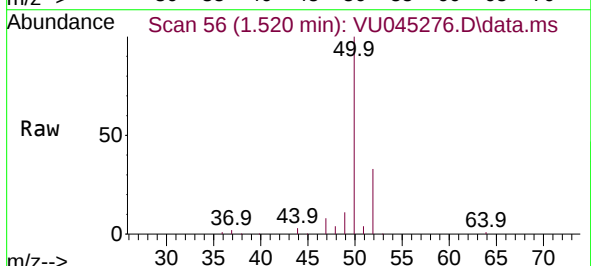
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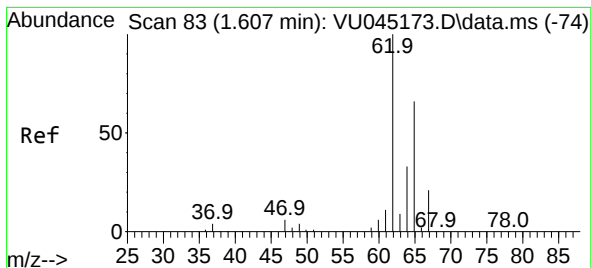
Tgt Ion: 50 Resp: 134693

Ion Ratio Lower Upper

50 100

52 33.3 23.0 42.8





#5

Vinyl chloride

Concen: 47.936 ug/L

RT: 1.607 min Scan# 83

Delta R.T. 0.003 min

Lab File: VU045276.D

Acq: 11 Oct 2021 10:42

Tgt Ion: 62 Resp: 144667

Ion Ratio Lower Upper

62 100

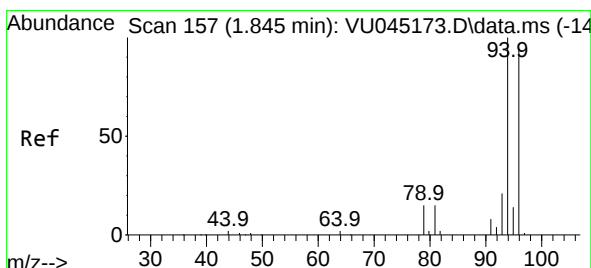
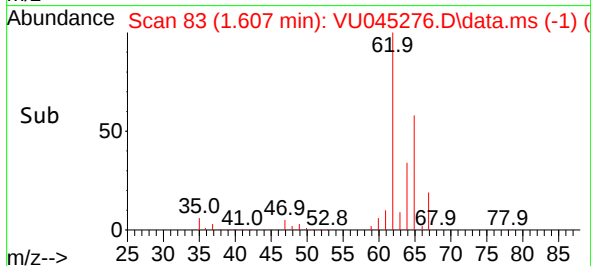
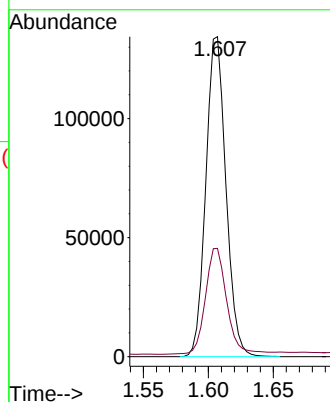
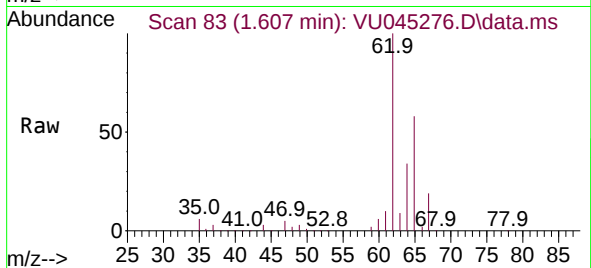
64 33.9 23.4 43.6

Instrument :

MSVOA_U

ClientSampleId :

VSTD050101



#6

Bromomethane

Concen: 25.295 ug/L

RT: 1.829 min Scan# 152

Delta R.T. -0.006 min

Lab File: VU045276.D

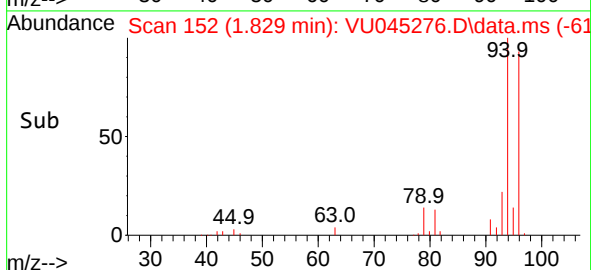
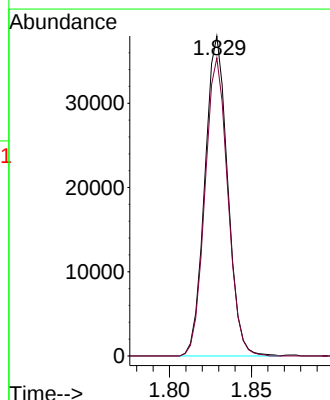
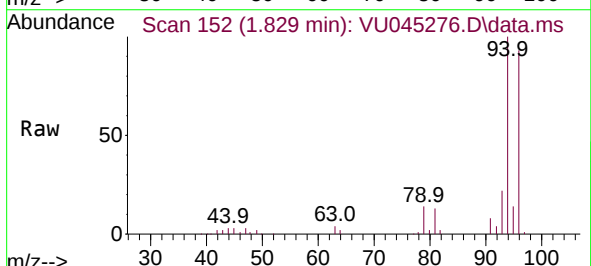
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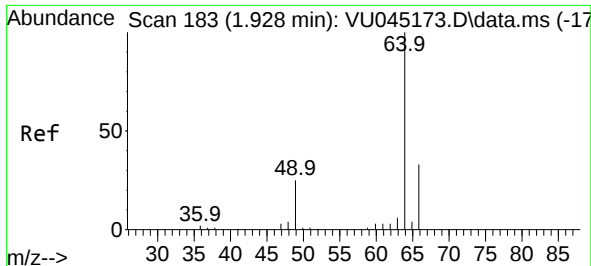
Tgt Ion: 94 Resp: 36615

Ion Ratio Lower Upper

94 100

96 93.1 65.7 121.9

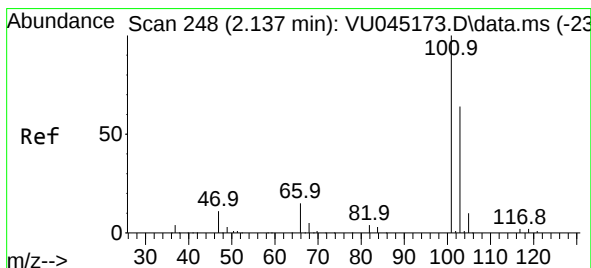
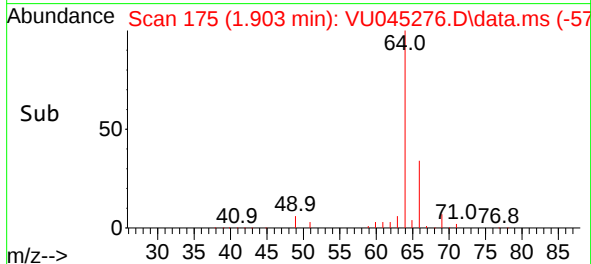
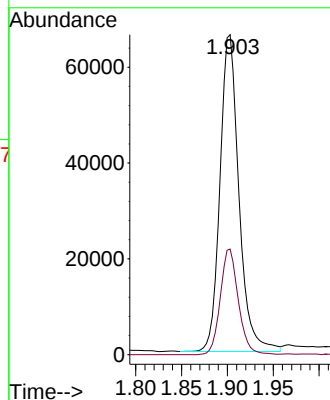
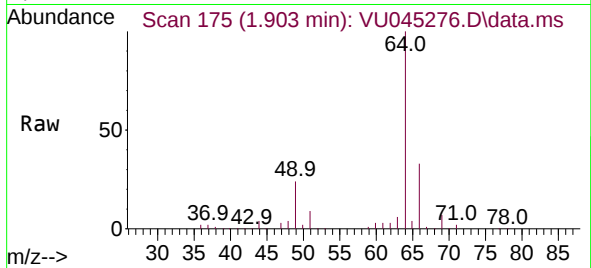




#8
Chloroethane
Concen: 50.180 ug/L
RT: 1.903 min Scan# 175
Delta R.T. -0.019 min
Lab File: VU045276.D
Acq: 11 Oct 2021 10:42

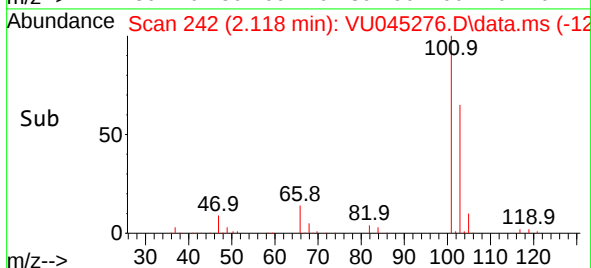
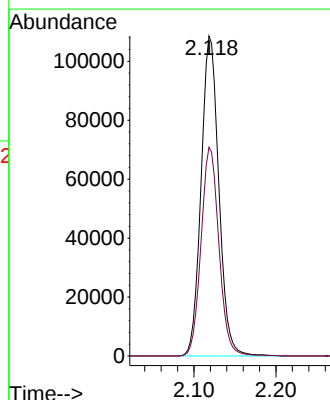
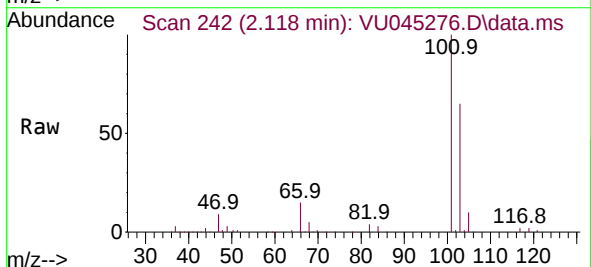
Instrument :
MSVOA_U
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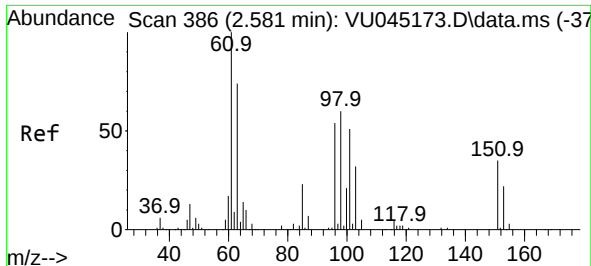
Tgt Ion: 64 Resp: 95047
Ion Ratio Lower Upper
64 100
66 33.0 22.3 41.3



#9
Trichlorofluoromethane
Concen: 47.160 ug/L
RT: 2.118 min Scan# 242
Delta R.T. -0.016 min
Lab File: VU045276.D
Acq: 11 Oct 2021 10:42

Tgt Ion:101 Resp: 162899
Ion Ratio Lower Upper
101 100
103 65.8 50.9 76.3

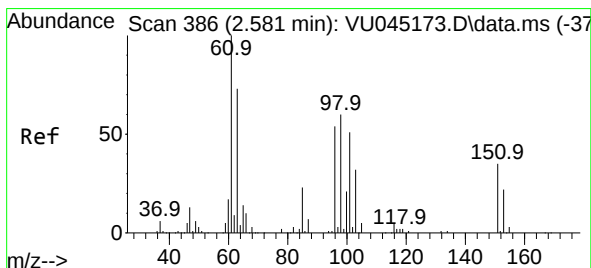
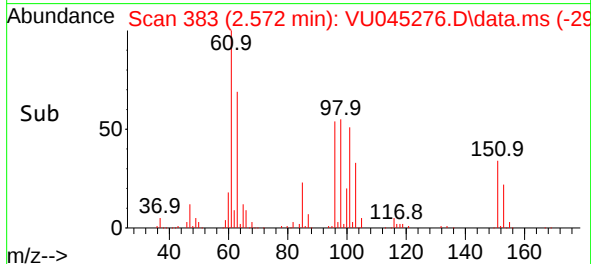
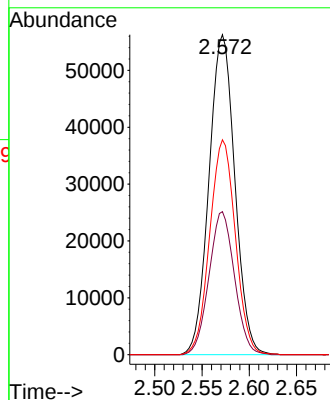
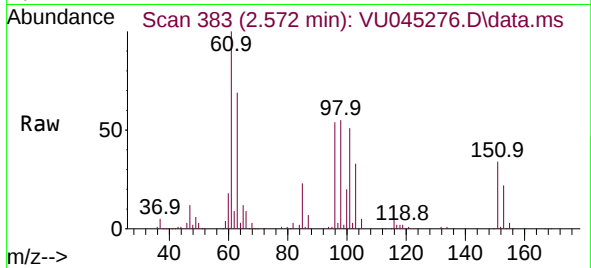




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.127 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.006 min
 Lab File: VU045276.D
 Acq: 11 Oct 2021 10:42

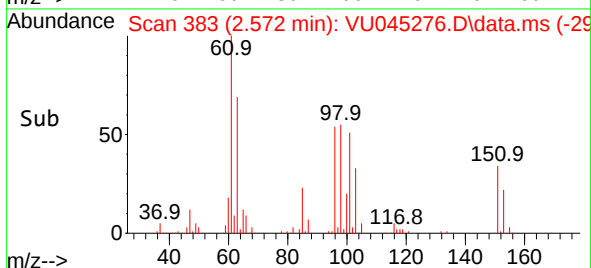
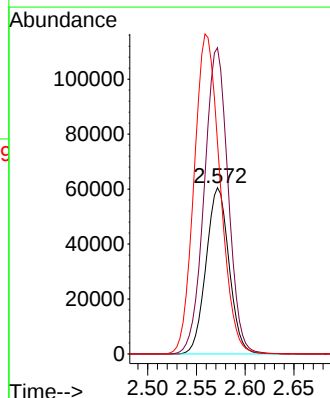
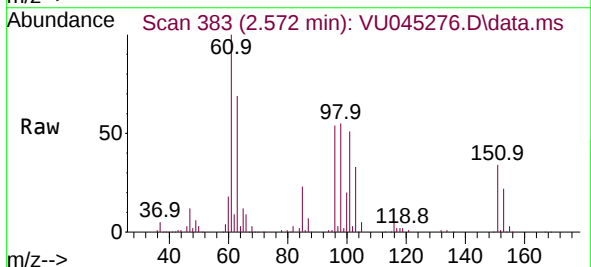
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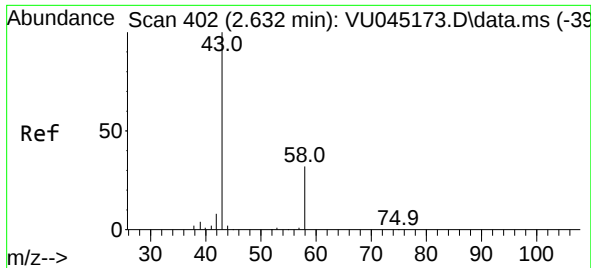
Tgt Ion:101 Resp: 107107
 Ion Ratio Lower Upper
 101 100
 85 44.0 36.4 54.6
 151 66.7 54.4 81.6



#12
 1,1-Dichloroethene
 Concen: 49.635 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.006 min
 Lab File: VU045276.D
 Acq: 11 Oct 2021 10:42

Tgt Ion: 96 Resp: 99204
 Ion Ratio Lower Upper
 96 100
 61 184.1 131.3 243.9
 63 127.3 102.5 190.3

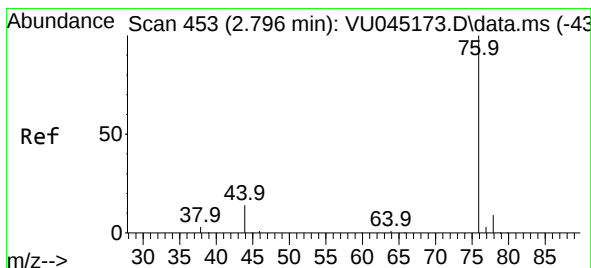
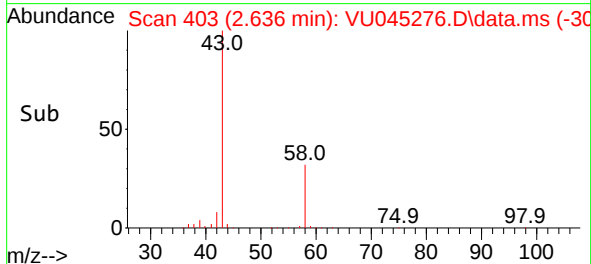
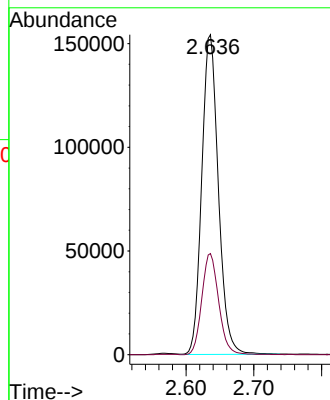
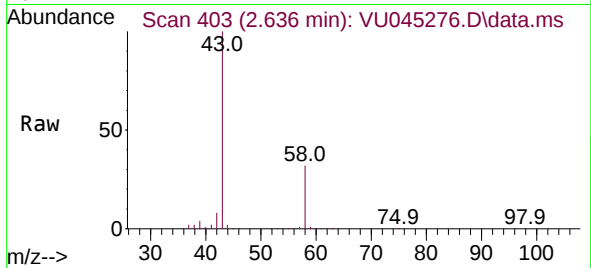




#13
Acetone
Concen: 101.573 ug/L
RT: 2.636 min Scan# 403
Delta R.T. 0.006 min
Lab File: VU045276.D
Acq: 11 Oct 2021 10:42

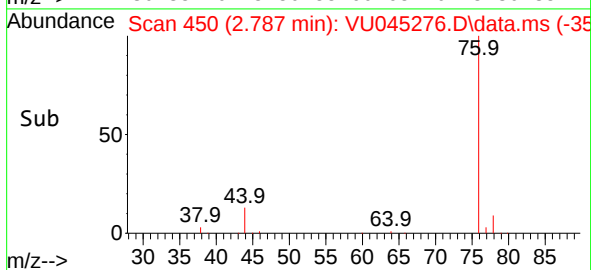
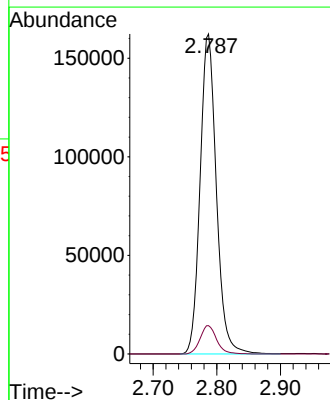
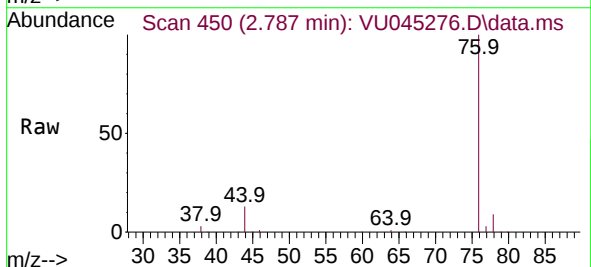
Instrument :
MSVOA_U
ClientSampleId :
VSTD050101

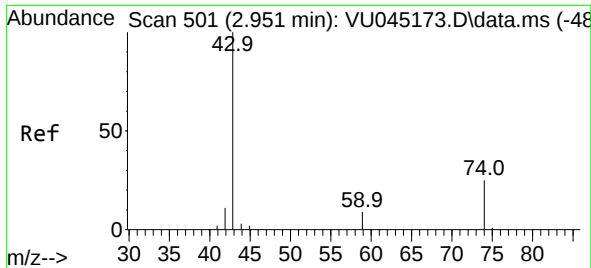
Tgt Ion: 43 Resp: 262266
Ion Ratio Lower Upper
43 100
58 32.1 0.0 62.8



#14
Carbon disulfide
Concen: 44.973 ug/L
RT: 2.787 min Scan# 450
Delta R.T. -0.006 min
Lab File: VU045276.D
Acq: 11 Oct 2021 10:42

Tgt Ion: 76 Resp: 287969
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9

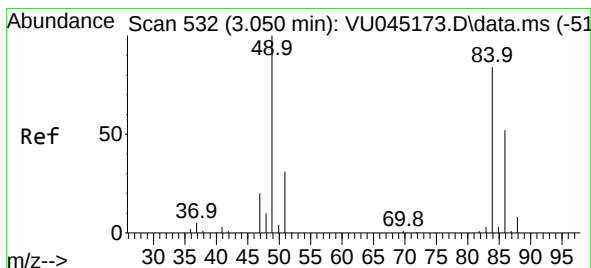
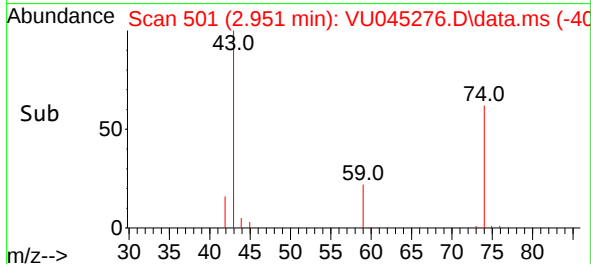
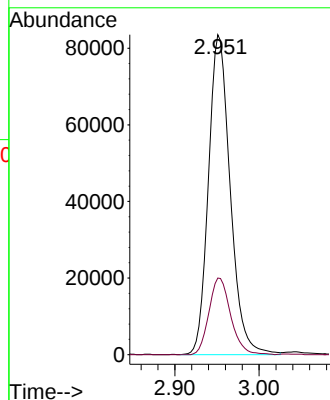
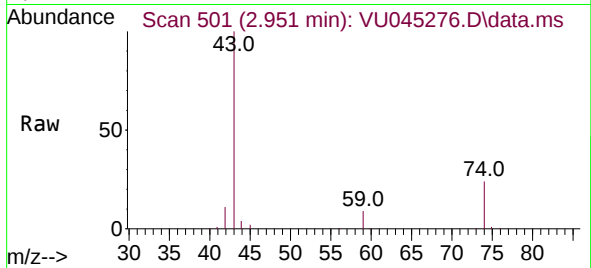




#15
Methyl Acetate
Concen: 47.147 ug/L
RT: 2.951 min Scan# 501
Delta R.T. -0.000 min
Lab File: VU045276.D
Acq: 11 Oct 2021 10:42

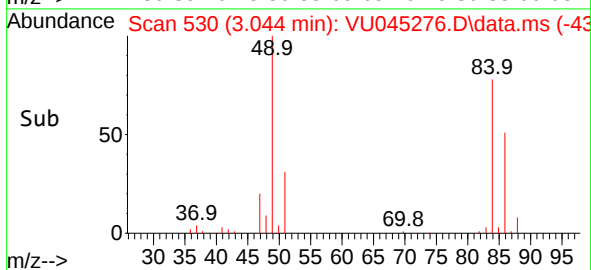
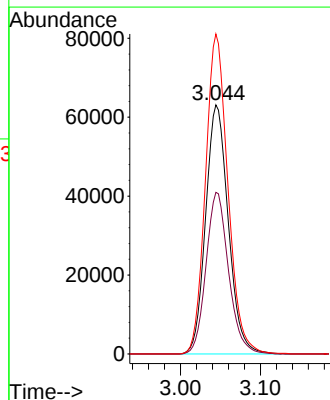
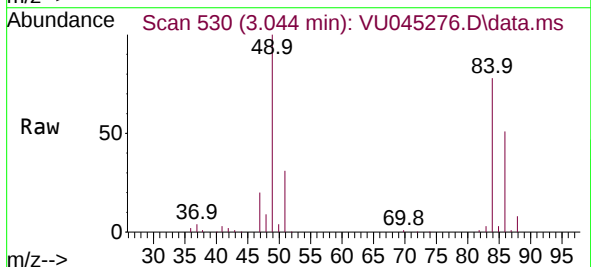
Instrument :
MSVOA_U
ClientSampleId :
VSTD050101

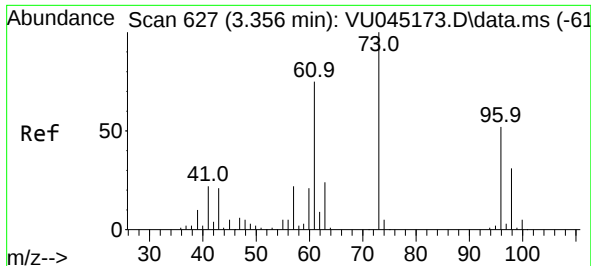
Tgt Ion: 43 Resp: 150136
Ion Ratio Lower Upper
43 100
74 23.9 18.4 27.6



#16
Methylene chloride
Concen: 49.206 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU045276.D
Acq: 11 Oct 2021 10:42

Tgt Ion: 84 Resp: 124596
Ion Ratio Lower Upper
84 100
86 64.9 44.7 83.1
49 128.5 92.9 172.5

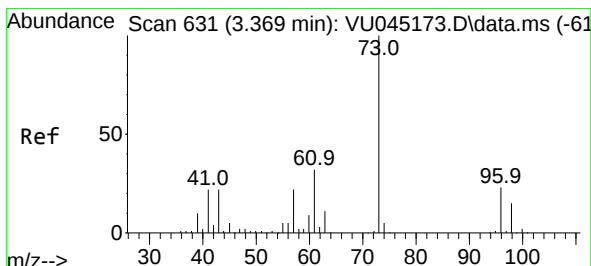
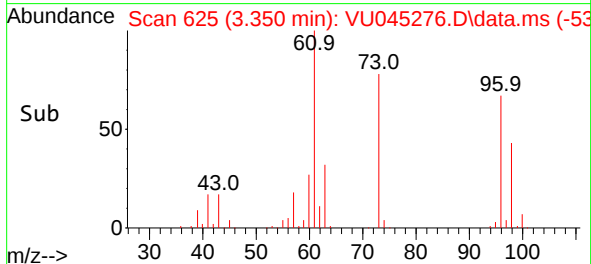
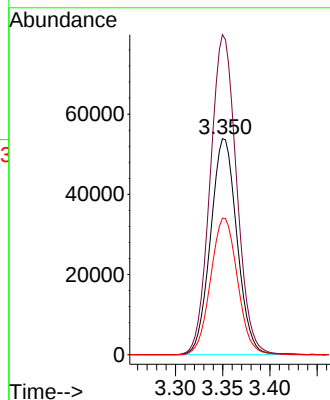
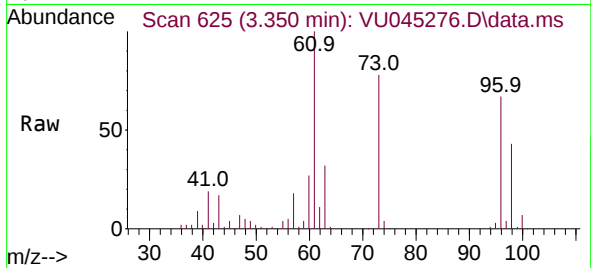




#17
trans-1,2-Dichloroethene
Concen: 49.713 ug/L
RT: 3.350 min Scan# 625
Delta R.T. -0.006 min
Lab File: VU045276.D
Acq: 11 Oct 2021 10:42

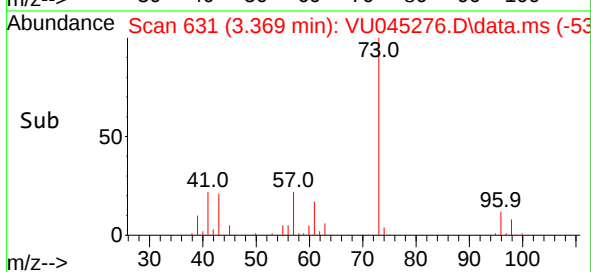
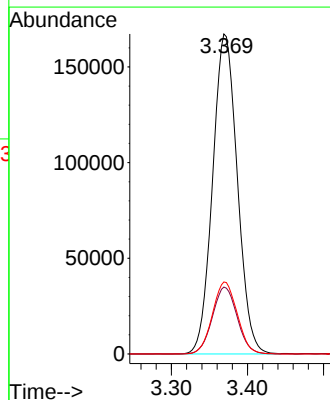
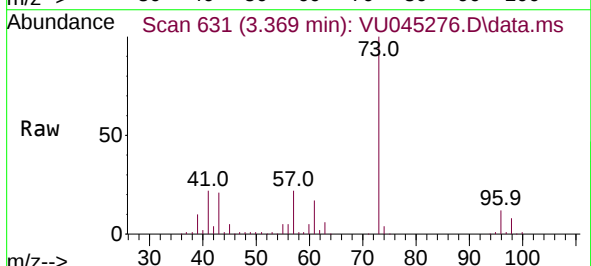
Instrument :
MSVOA_U
ClientSampleId :
VSTD050101

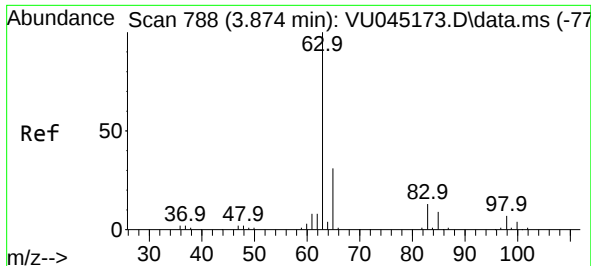
Tgt Ion: 96 Resp: 104669
Ion Ratio Lower Upper
96 100
61 148.2 105.1 195.3
98 63.2 43.0 79.8



#18
Methyl tert-butyl Ether
Concen: 54.374 ug/L
RT: 3.369 min Scan# 631
Delta R.T. -0.000 min
Lab File: VU045276.D
Acq: 11 Oct 2021 10:42

Tgt Ion: 73 Resp: 377489
Ion Ratio Lower Upper
73 100
43 21.1 17.3 25.9
57 22.5 18.7 28.1





#19

1,1-Dichloroethane

Concen: 49.685 ug/L

RT: 3.871 min Scan# 787

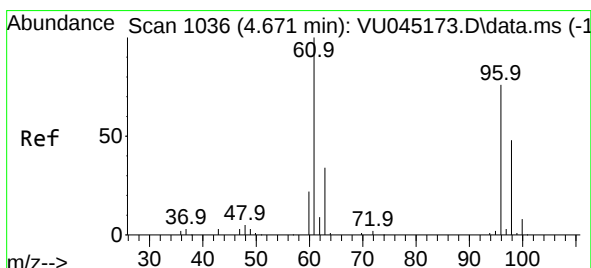
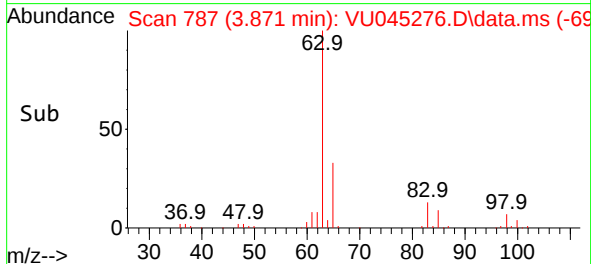
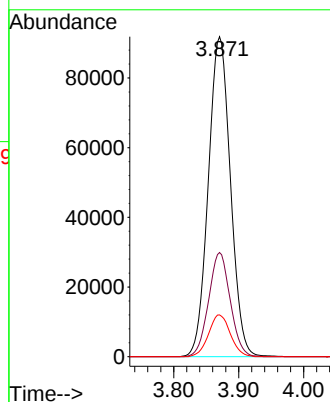
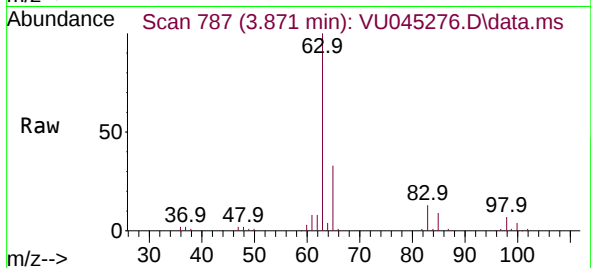
Delta R.T. -0.003 min

Lab File: VU045276.D

Acq: 11 Oct 2021 10:42

Tgt Ion: 63 Resp: 217629

Ion	Ratio	Lower	Upper
63	100		
65	32.6	22.0	40.8
83	13.0	9.0	16.6



#20

cis-1,2-Dichloroethene

Concen: 52.107 ug/L

RT: 4.668 min Scan# 1035

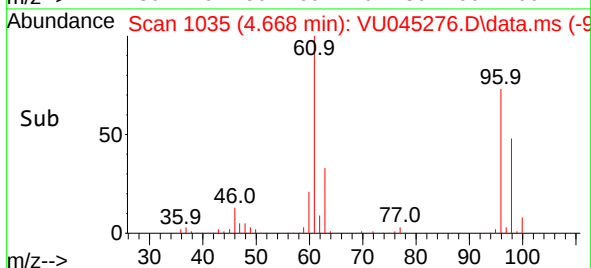
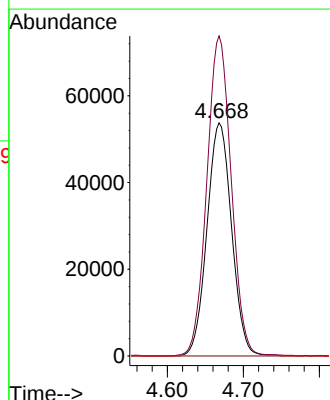
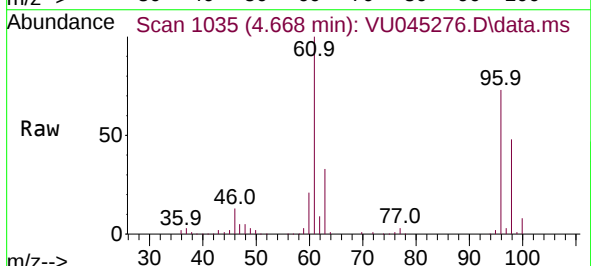
Delta R.T. -0.003 min

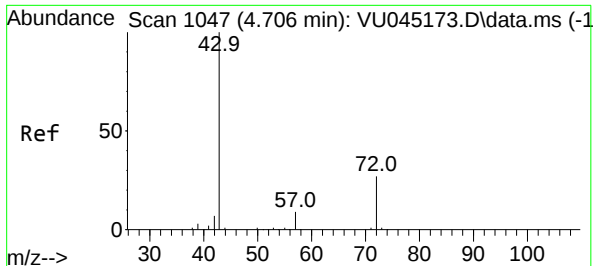
Lab File: VU045276.D

Acq: 11 Oct 2021 10:42

Tgt Ion: 96 Resp: 120890

Ion	Ratio	Lower	Upper
96	100		
61	137.2	100.2	186.0
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 102.957 ug/L

RT: 4.710 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU045276.D

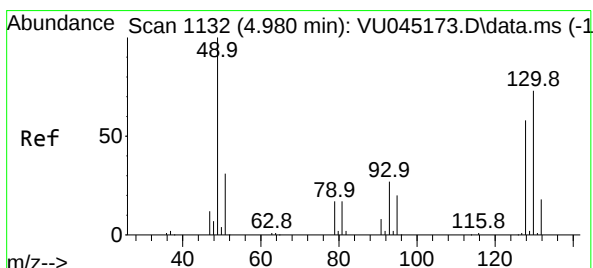
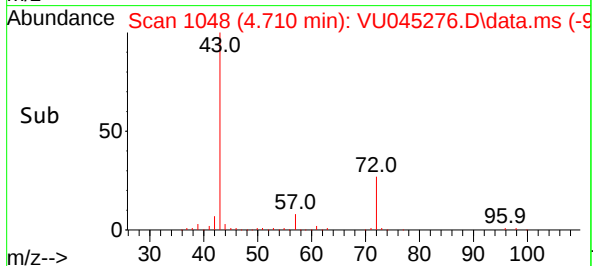
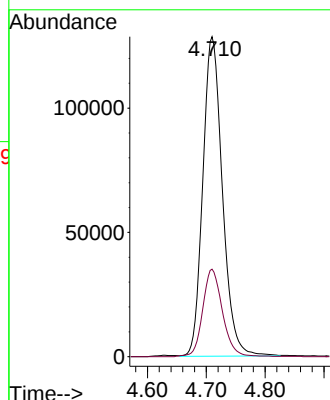
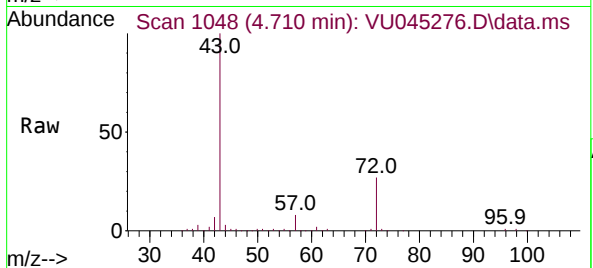
Acq: 11 Oct 2021 10:42

Tgt Ion: 43 Resp: 297533

Ion Ratio Lower Upper

43 100

72 27.5 13.3 39.9



#23

Bromochloromethane

Concen: 49.230 ug/L

RT: 4.977 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VU045276.D

Acq: 11 Oct 2021 10:42

Tgt Ion:128 Resp: 57900

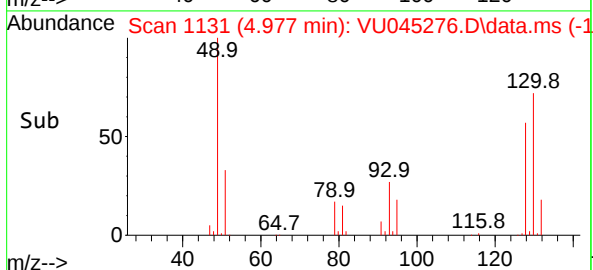
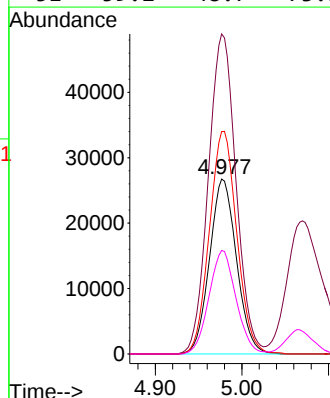
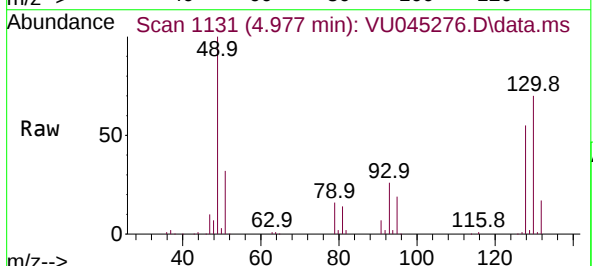
Ion Ratio Lower Upper

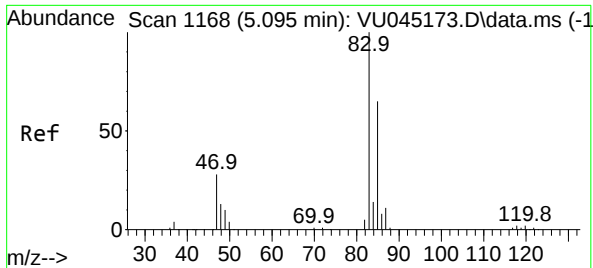
128 100

49 182.9 132.9 246.7

130 127.2 88.2 163.8

51 59.2 48.7 73.1



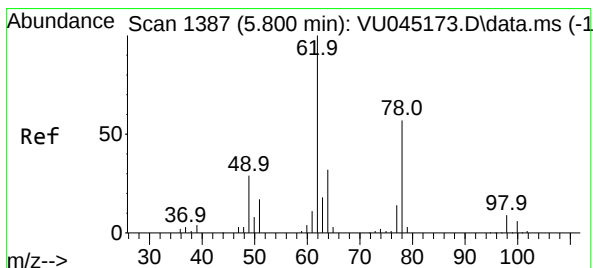
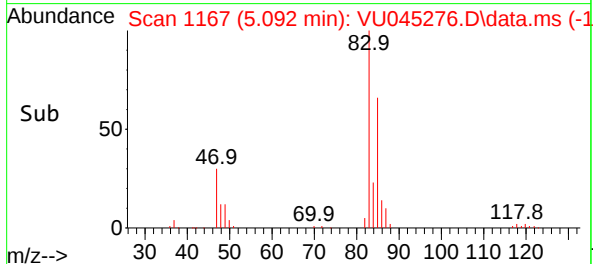
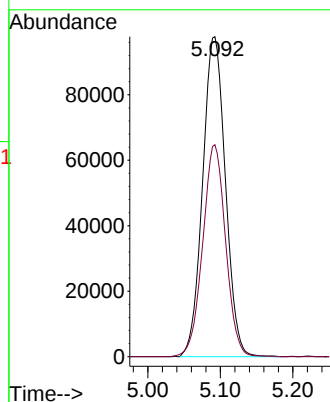
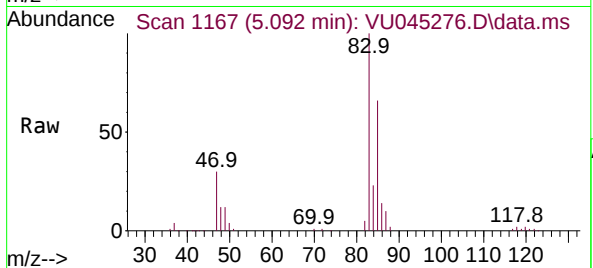


#25

Chloroform
Concen: 49.021 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VU045276.D
Acq: 11 Oct 2021 10:42

Instrument :
MSVOA_U
ClientSampleId :
VSTD050101

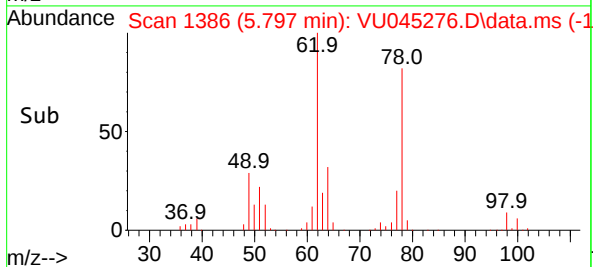
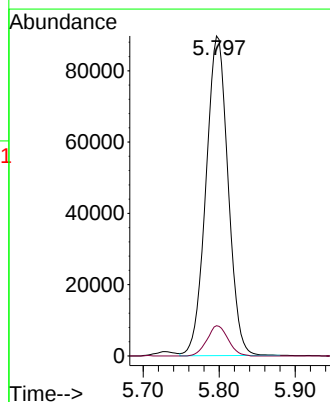
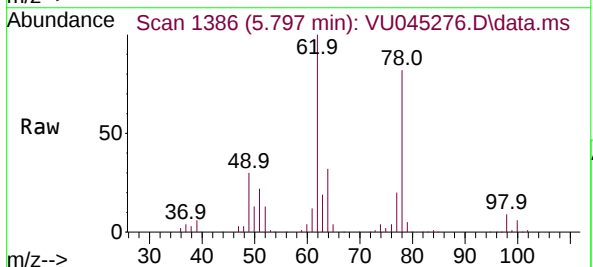
Tgt Ion: 83 Resp: 213458
Ion Ratio Lower Upper
83 100
85 66.3 45.6 84.6

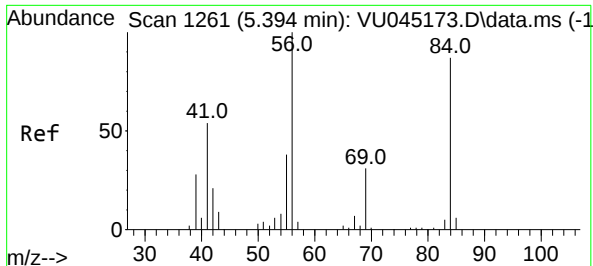


#27

1,2-Dichloroethane
Concen: 49.648 ug/L
RT: 5.797 min Scan# 1386
Delta R.T. -0.003 min
Lab File: VU045276.D
Acq: 11 Oct 2021 10:42

Tgt Ion: 62 Resp: 180819
Ion Ratio Lower Upper
62 100
98 9.5 7.1 10.7





#29

Cyclohexane

Concen: 48.226 ug/L

RT: 5.388 min Scan# 1259

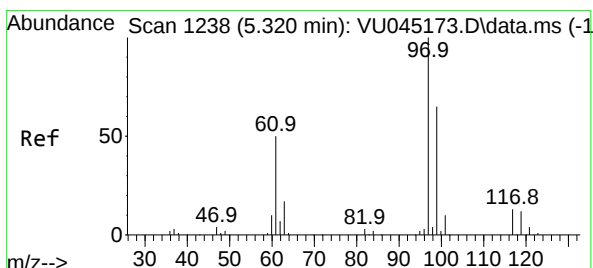
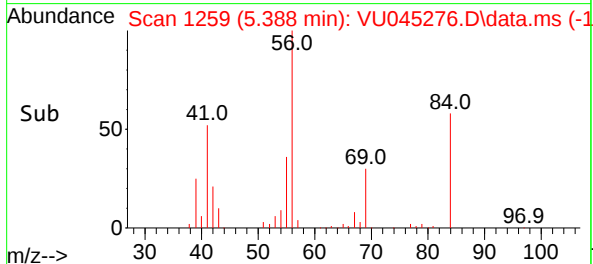
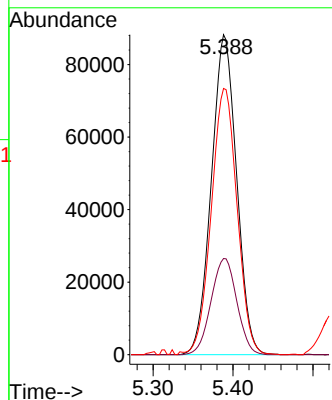
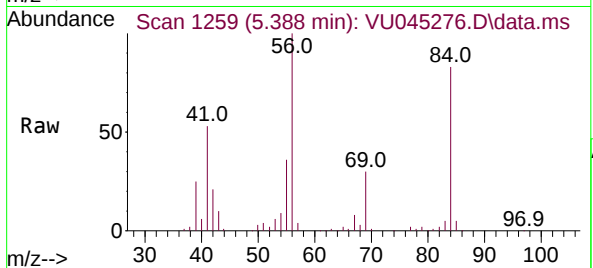
Delta R.T. -0.003 min

Lab File: VU045276.D

Acq: 11 Oct 2021 10:42

Instrument :
MSVOA_U
ClientSampleId :
VSTD050101

Tgt Ion:	56	Resp:	193566
Ion	Ratio	Lower	Upper
56	100		
69	30.7	23.8	35.8
84	85.0	66.8	100.2



#30

1,1,1-Trichloroethane

Concen: 46.815 ug/L

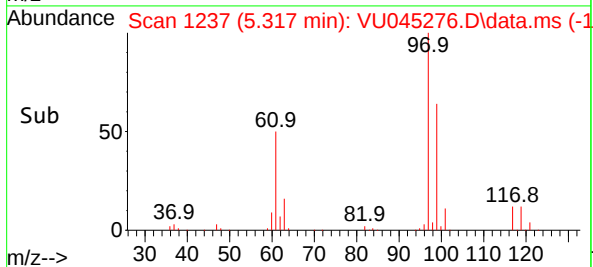
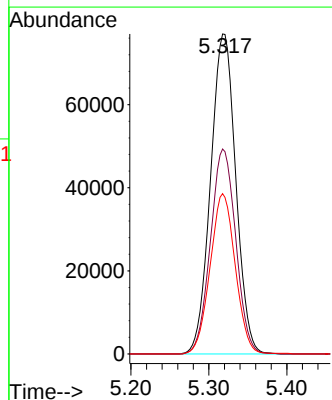
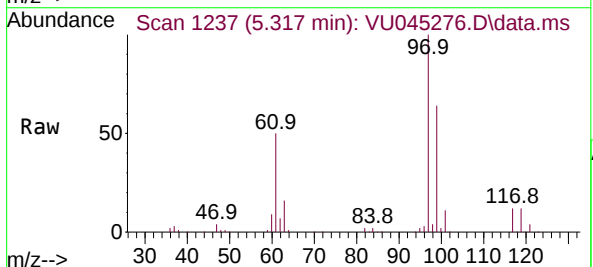
RT: 5.317 min Scan# 1237

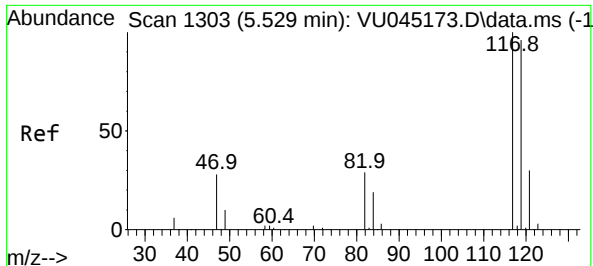
Delta R.T. -0.003 min

Lab File: VU045276.D

Acq: 11 Oct 2021 10:42

Tgt Ion:	97	Resp:	173045
Ion	Ratio	Lower	Upper
97	100		
99	64.3	50.6	75.8
61	50.0	41.3	61.9

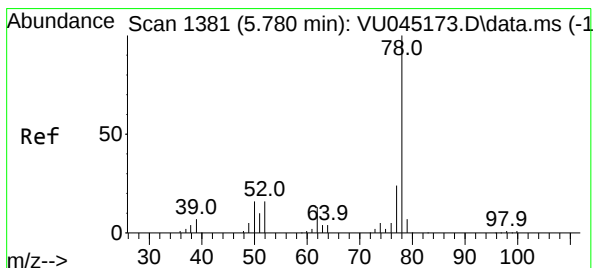
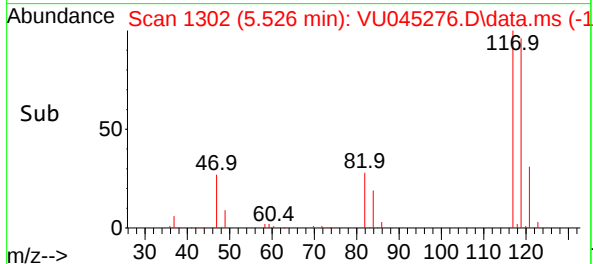
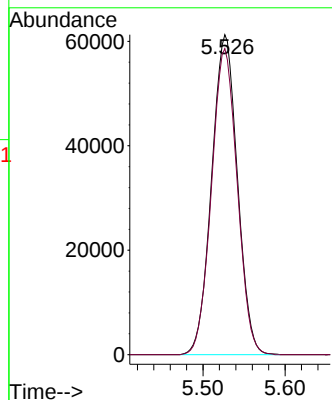
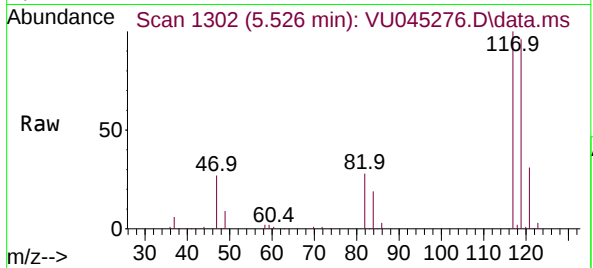




#31
Carbon tetrachloride
Concen: 45.833 ug/L
RT: 5.526 min Scan# 1302
Delta R.T. -0.003 min
Lab File: VU045276.D
Acq: 11 Oct 2021 10:42

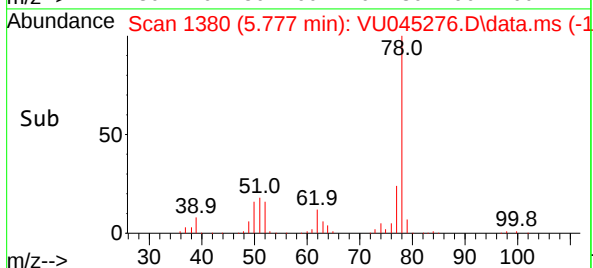
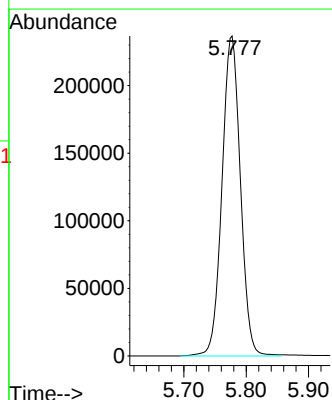
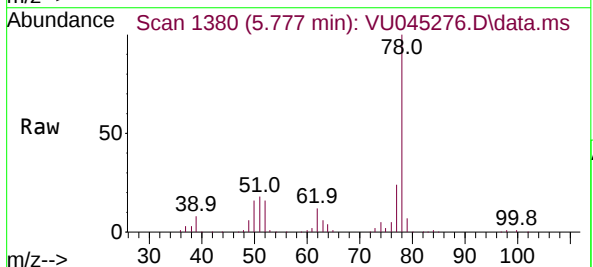
Instrument :
MSVOA_U
ClientSampleId :
VSTD050101

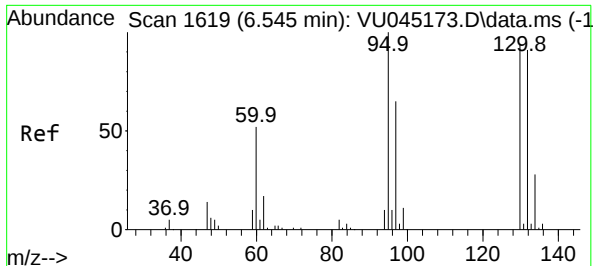
Tgt Ion:117 Resp: 133809
Ion Ratio Lower Upper
117 100
119 95.6 77.7 116.5



#33
Benzene
Concen: 48.932 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU045276.D
Acq: 11 Oct 2021 10:42

Tgt Ion: 78 Resp: 484615





#34

Trichloroethene

Concen: 48.103 ug/L

RT: 6.543 min Scan# 1618

Delta R.T. -0.003 min

Lab File: VU045276.D

Acq: 11 Oct 2021 10:42

Tgt Ion: 95 Resp: 114427

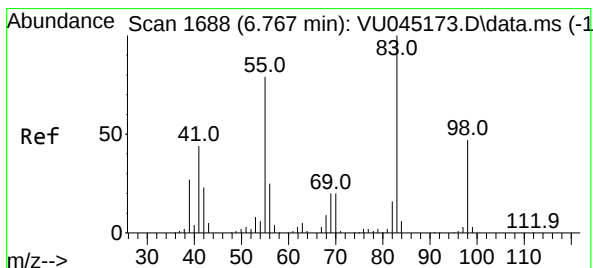
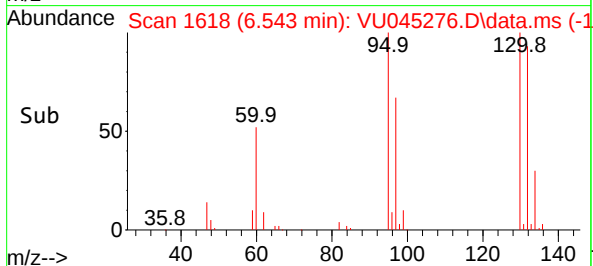
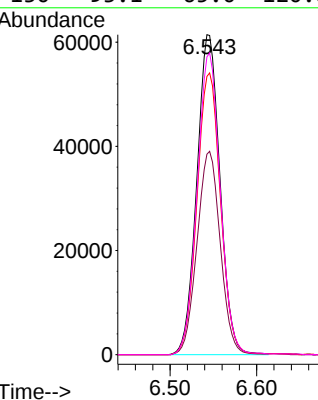
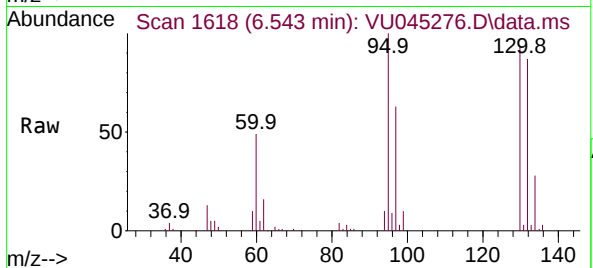
Ion Ratio Lower Upper

95 100

97 62.7 44.4 82.4

132 86.9 62.9 116.9

130 93.1 65.0 120.8



#35

Methylcyclohexane

Concen: 48.472 ug/L

RT: 6.764 min Scan# 1687

Delta R.T. -0.003 min

Lab File: VU045276.D

Acq: 11 Oct 2021 10:42

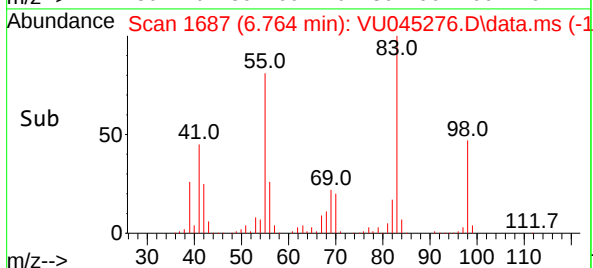
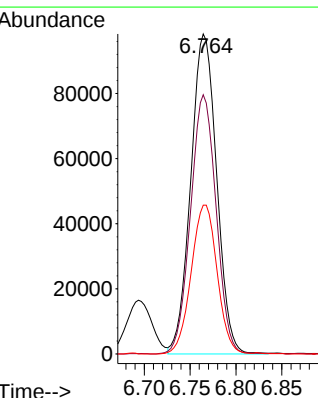
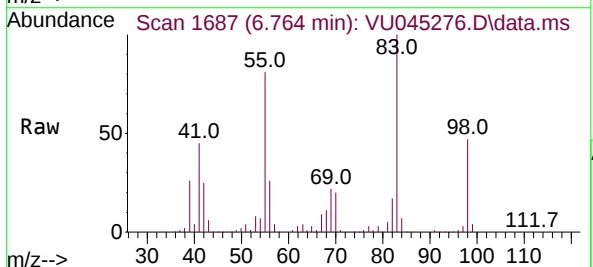
Tgt Ion: 83 Resp: 193045

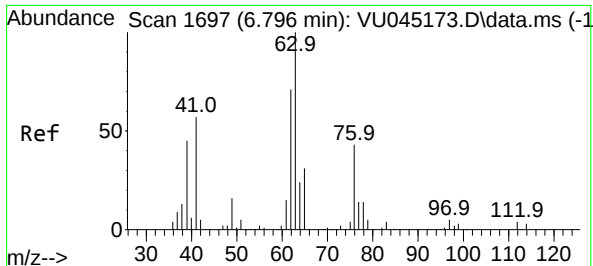
Ion Ratio Lower Upper

83 100

55 80.1 65.8 98.6

98 46.6 37.1 55.7



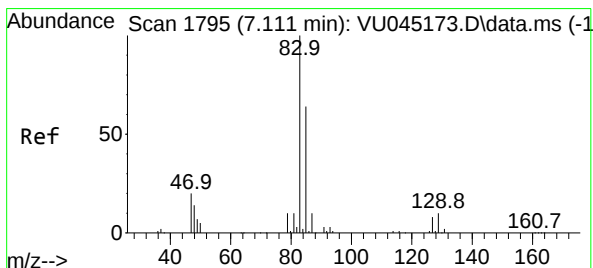
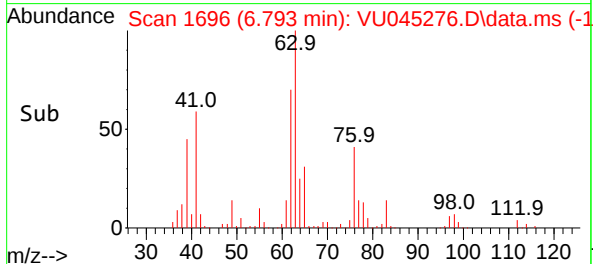
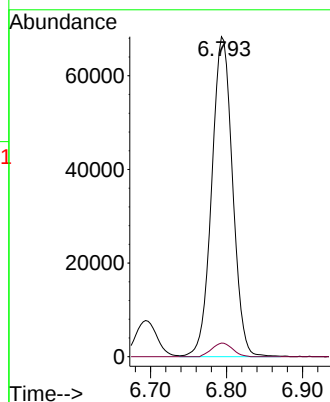
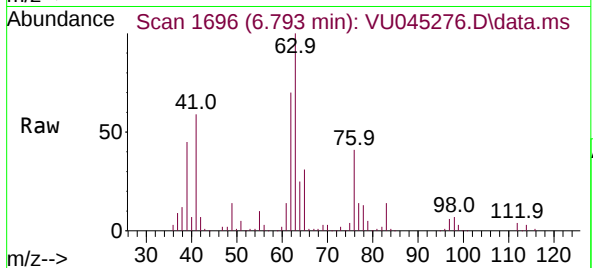


#37

1,2-Dichloropropane
Concen: 48.373 ug/L
RT: 6.793 min Scan# 1696
Delta R.T. -0.003 min
Lab File: VU045276.D
Acq: 11 Oct 2021 10:42

Instrument :
MSVOA_U
ClientSampled :
VSTD050101

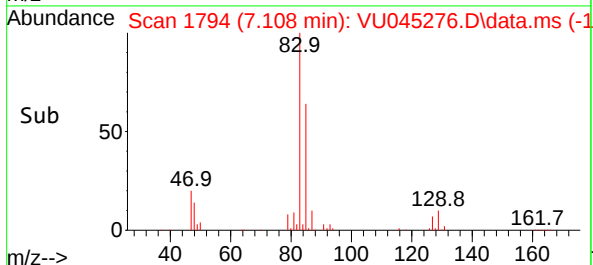
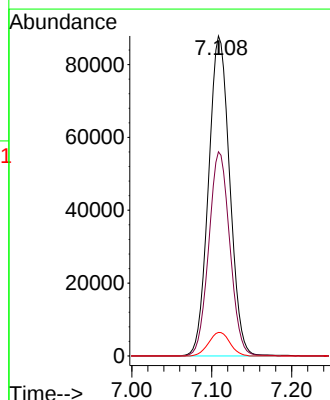
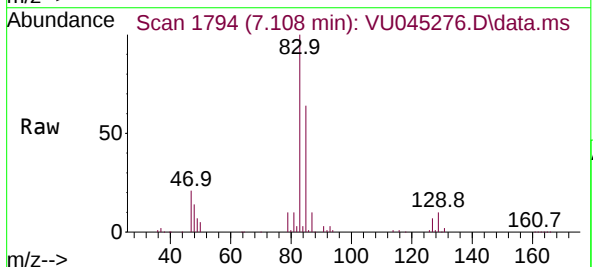
Tgt Ion: 63 Resp: 130438
Ion Ratio Lower Upper
63 100
112 4.2 3.2 4.8

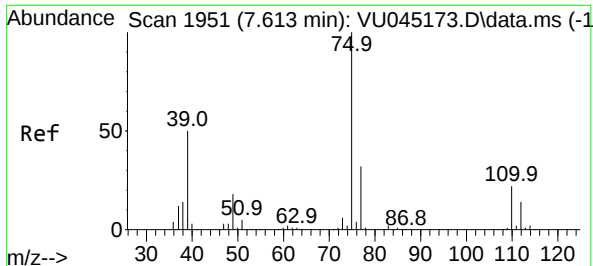


#38

Bromodichloromethane
Concen: 49.000 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. -0.003 min
Lab File: VU045276.D
Acq: 11 Oct 2021 10:42

Tgt Ion: 83 Resp: 161963
Ion Ratio Lower Upper
83 100
85 63.8 44.6 82.8
127 7.4 6.2 9.2



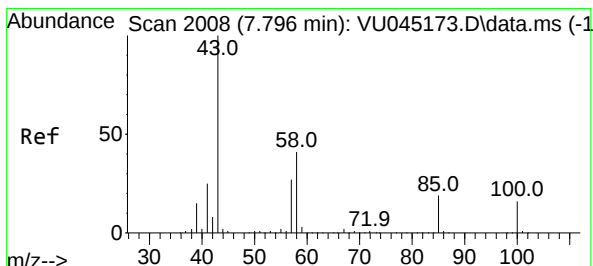
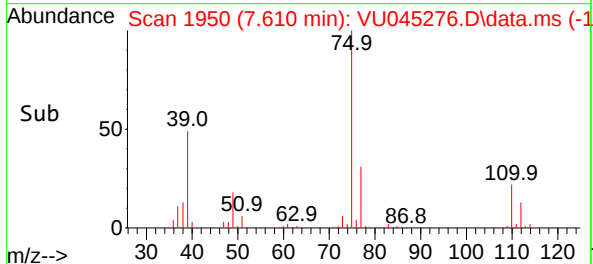
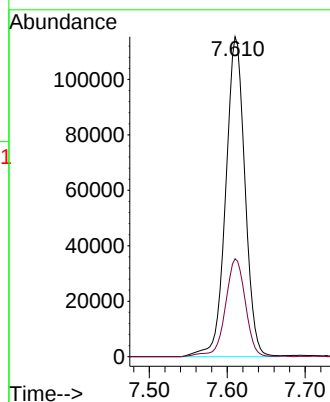
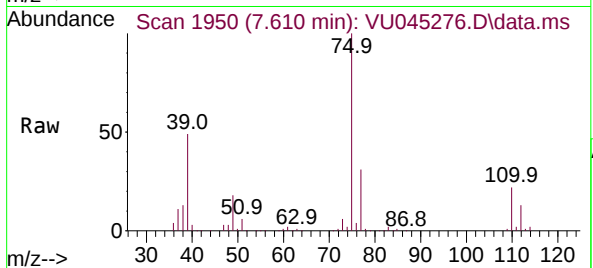


#39

cis-1,3-Dichloropropene
Concen: 51.297 ug/L
RT: 7.610 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VU045276.D
Acq: 11 Oct 2021 10:42

Instrument :
MSVOA_U
ClientSampleId :
VSTD050101

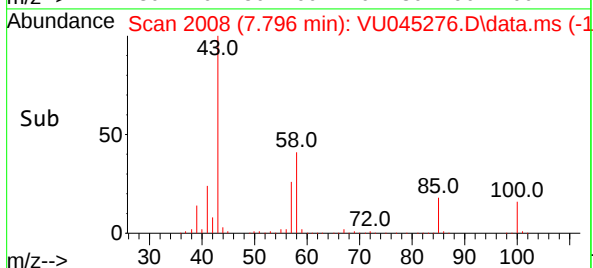
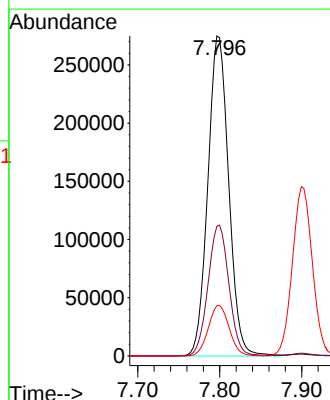
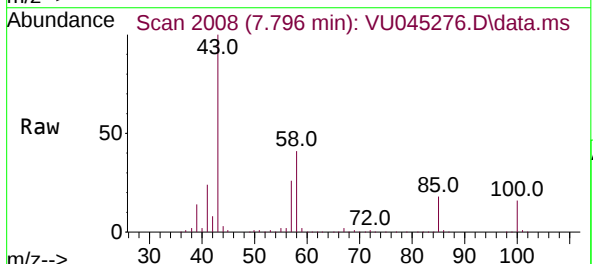
Tgt Ion: 75 Resp: 197921
Ion Ratio Lower Upper
75 100
77 30.6 22.4 41.6

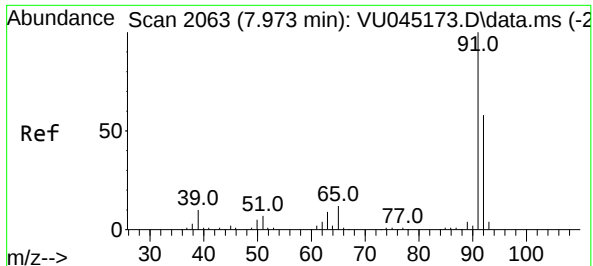


#40

4-Methyl-2-pentanone
Concen: 107.701 ug/L
RT: 7.796 min Scan# 2008
Delta R.T. -0.000 min
Lab File: VU045276.D
Acq: 11 Oct 2021 10:42

Tgt Ion: 43 Resp: 485139
Ion Ratio Lower Upper
43 100
58 41.2 31.8 47.8
100 15.8 11.8 17.6

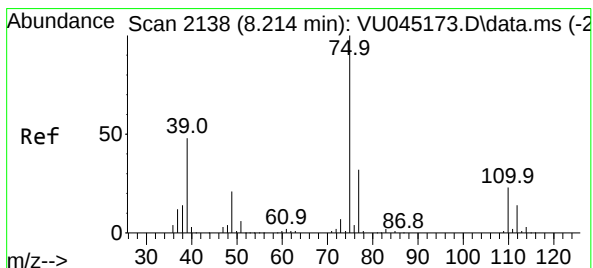
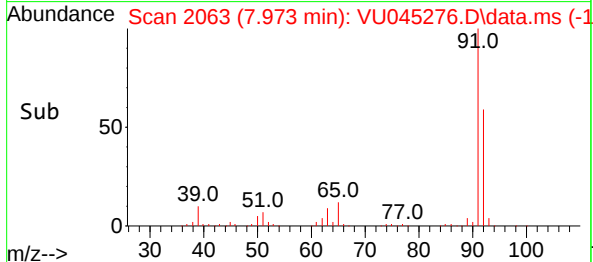
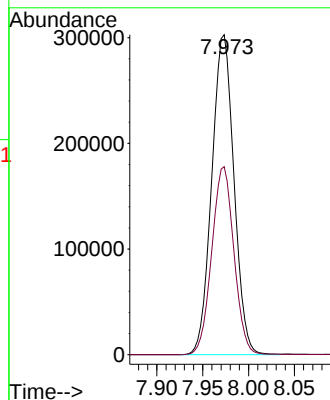
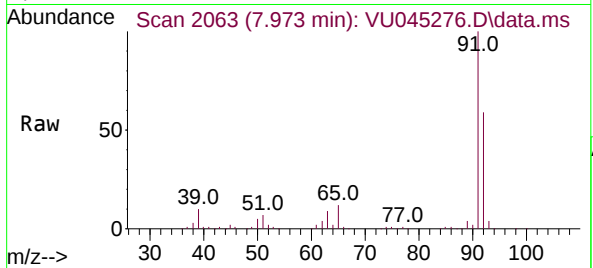




#42
Toluene
Concen: 50.711 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045276.D
Acq: 11 Oct 2021 10:42

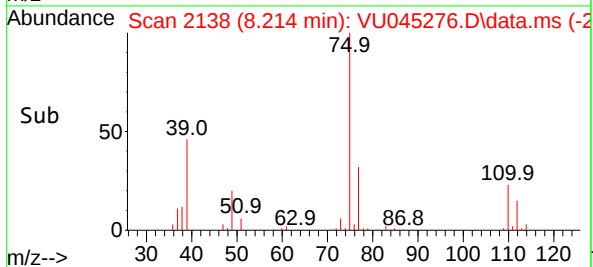
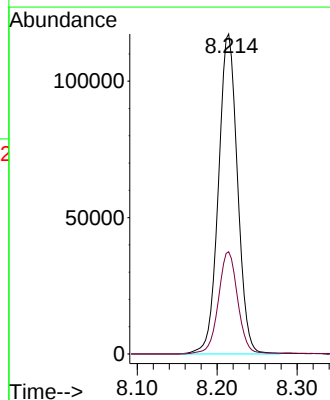
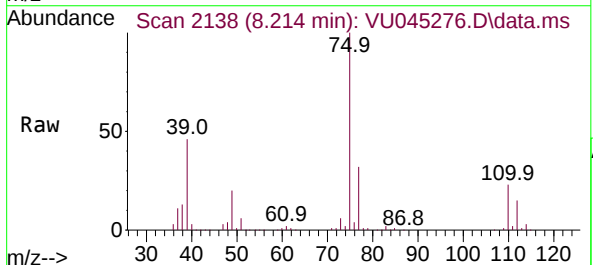
Instrument :
MSVOA_U
ClientSampleId :
VSTD050101

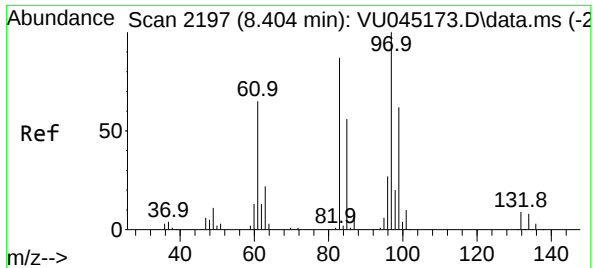
Tgt Ion: 91 Resp: 510298
Ion Ratio Lower Upper
91 100
92 58.7 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 52.832 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VU045276.D
Acq: 11 Oct 2021 10:42

Tgt Ion: 75 Resp: 193827
Ion Ratio Lower Upper
75 100
77 31.9 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 53.025 ug/L

RT: 8.404 min Scan# 2197

Delta R.T. -0.000 min

Lab File: VU045276.D

Acq: 11 Oct 2021 10:42

Tgt Ion: 97 Resp: 129577

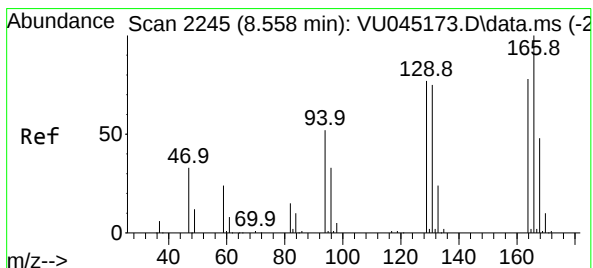
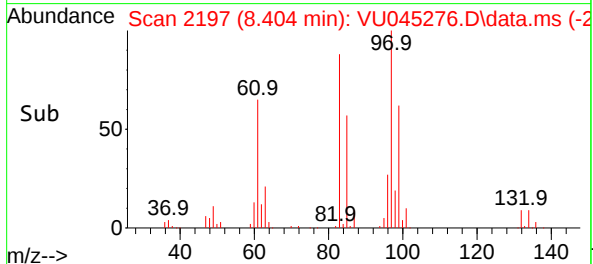
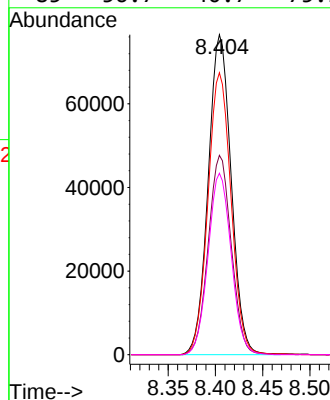
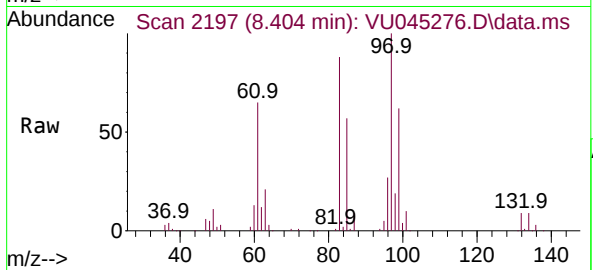
Ion Ratio Lower Upper

97 100

99 62.3 43.7 81.1

83 88.1 61.9 115.1

85 56.7 40.7 75.5



#46

Tetrachloroethene

Concen: 47.216 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.000 min

Lab File: VU045276.D

Acq: 11 Oct 2021 10:42

Tgt Ion:164 Resp: 80281

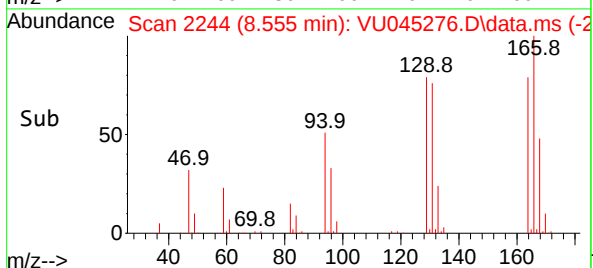
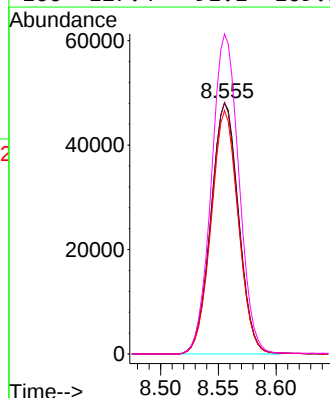
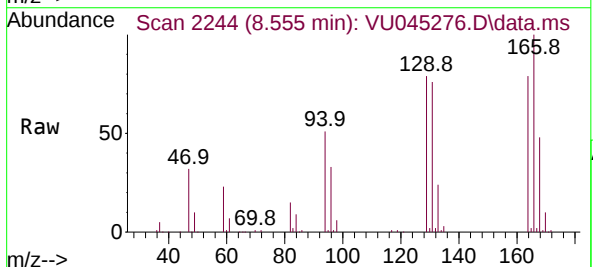
Ion Ratio Lower Upper

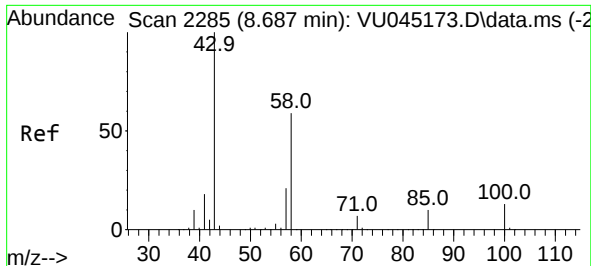
164 100

129 100.0 69.8 129.6

131 96.9 66.4 123.2

166 127.4 91.1 169.3

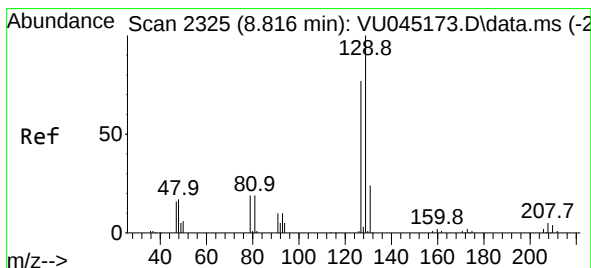
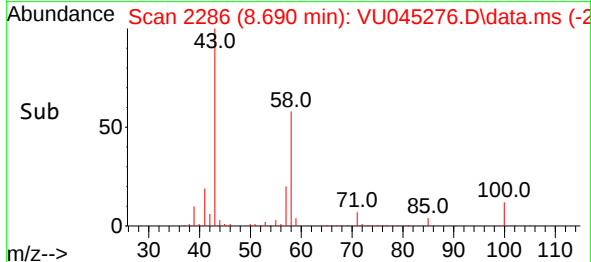
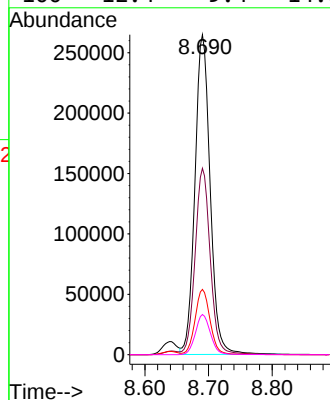
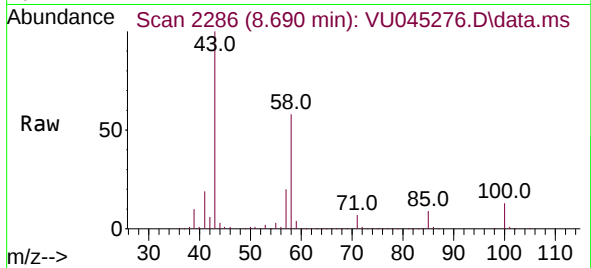




#48
2-Hexanone
Concen: 110.181 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. 0.003 min
Lab File: VU045276.D
Acq: 11 Oct 2021 10:42

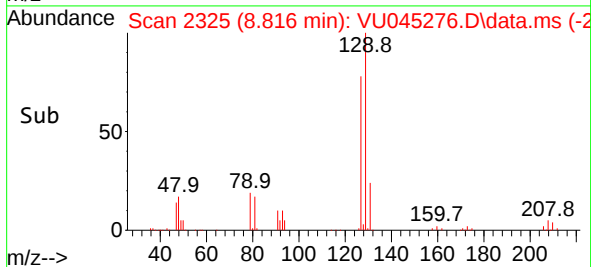
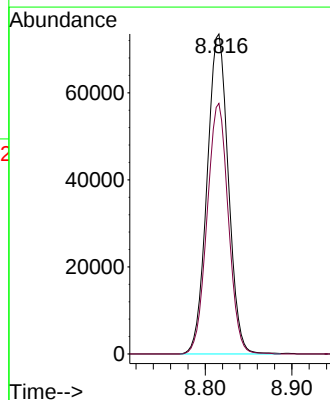
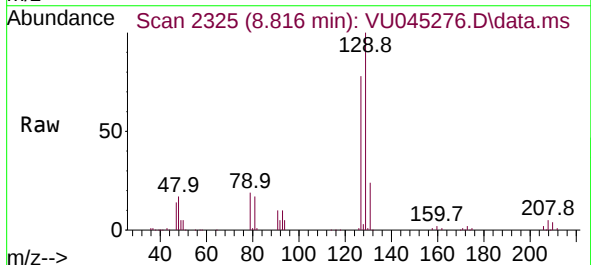
Instrument :
MSVOA_U
ClientSampleId :
VSTD050101

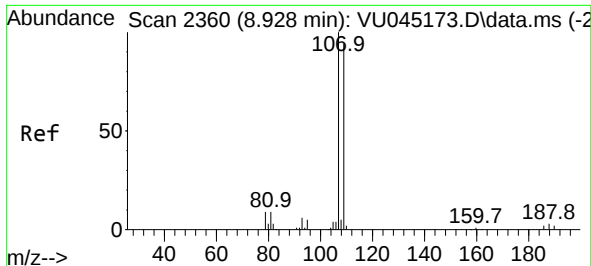
Tgt Ion: 43 Resp: 440113
Ion Ratio Lower Upper
43 100
58 57.4 44.9 67.3
57 20.0 15.5 23.3
100 12.4 9.4 14.0



#49
Dibromochloromethane
Concen: 51.836 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.000 min
Lab File: VU045276.D
Acq: 11 Oct 2021 10:42

Tgt Ion:129 Resp: 125278
Ion Ratio Lower Upper
129 100
127 78.3 54.3 100.8

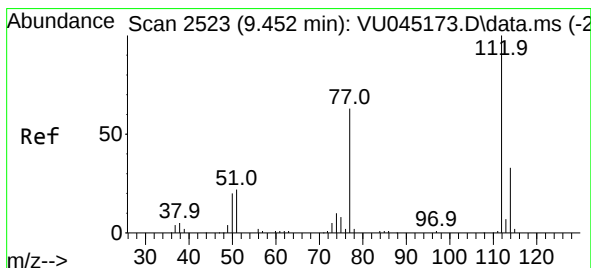
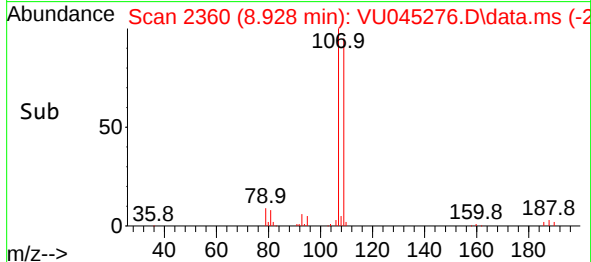
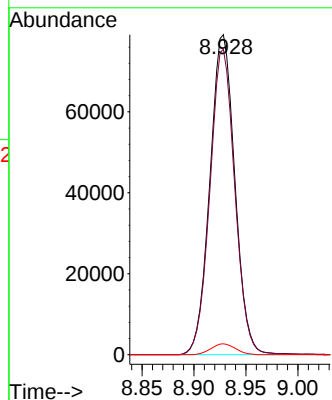
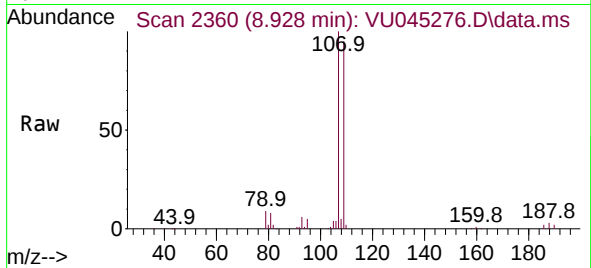




#50
1,2-Dibromoethane
Concen: 51.568 ug/L
RT: 8.928 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VU045276.D
Acq: 11 Oct 2021 10:42

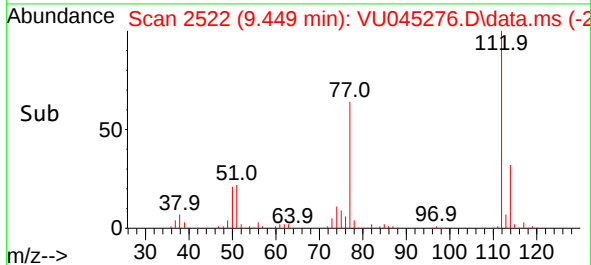
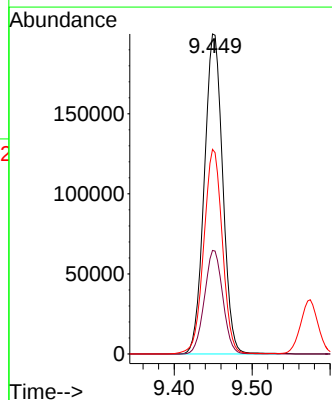
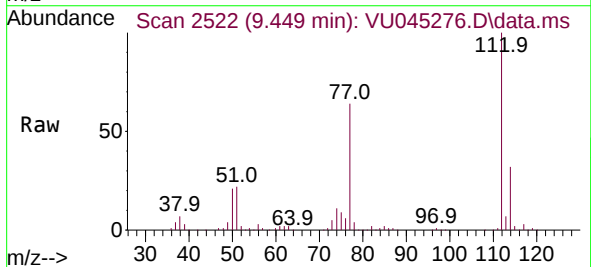
Instrument :
MSVOA_U
ClientSampleId :
VSTD050101

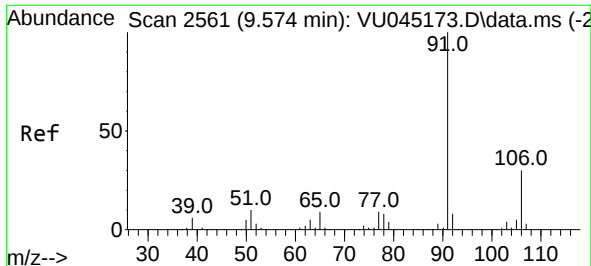
Tgt Ion:107 Resp: 131940
Ion Ratio Lower Upper
107 100
109 95.5 65.5 121.6
188 3.4 2.6 3.8



#51
Chlorobenzene
Concen: 52.823 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU045276.D
Acq: 11 Oct 2021 10:42

Tgt Ion:112 Resp: 328155
Ion Ratio Lower Upper
112 100
114 32.4 22.5 41.9
77 64.0 50.6 75.8

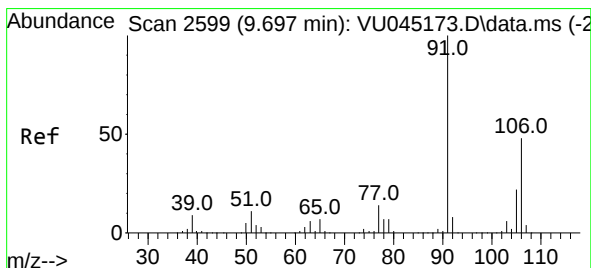
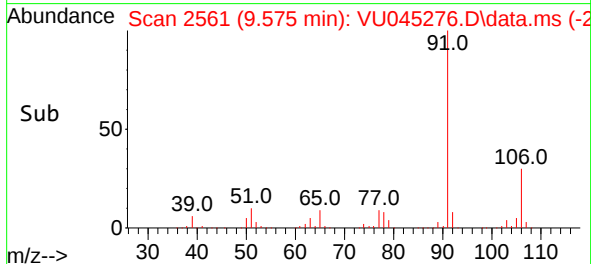
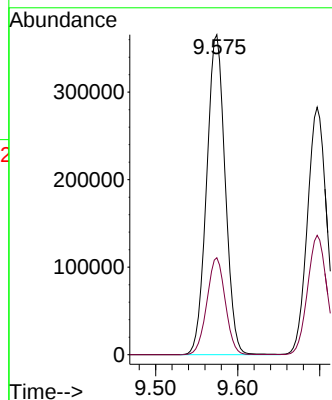
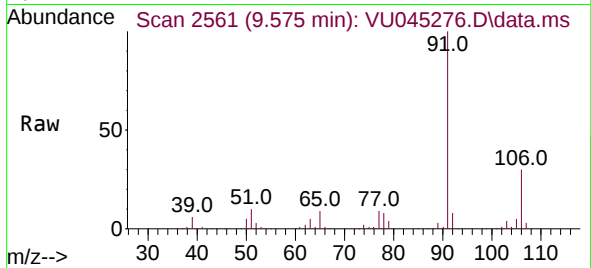




#52
Ethylbenzene
Concen: 54.033 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU045276.D
Acq: 11 Oct 2021 10:42

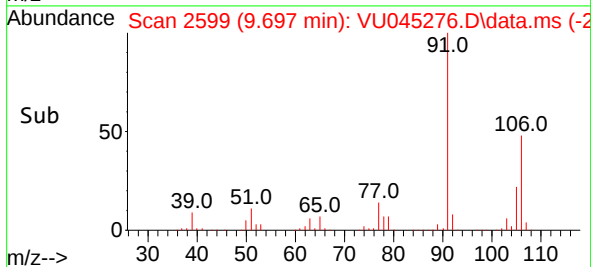
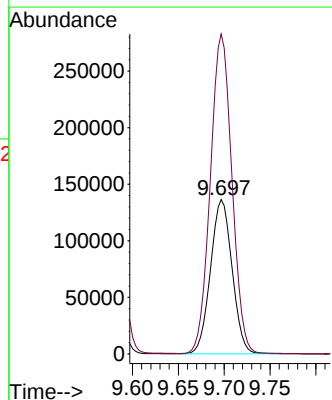
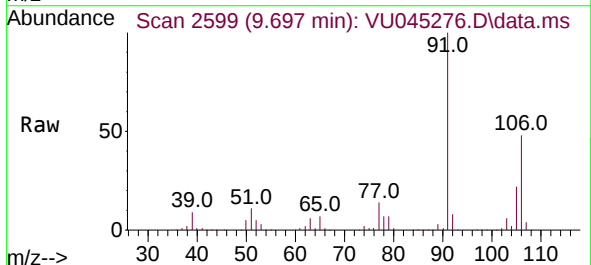
Instrument :
MSVOA_U
ClientSampleId :
VSTD050101

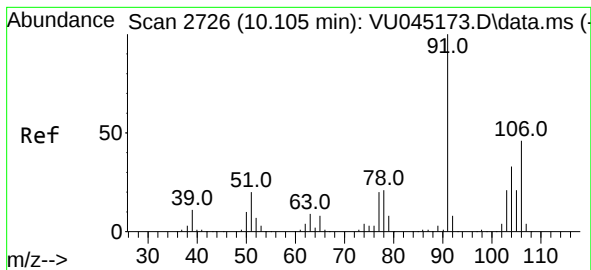
Tgt Ion: 91 Resp: 574392
Ion Ratio Lower Upper
91 100
106 30.3 21.2 39.4



#53
m,p-Xylene
Concen: 55.380 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU045276.D
Acq: 11 Oct 2021 10:42

Tgt Ion:106 Resp: 223018
Ion Ratio Lower Upper
106 100
91 207.3 146.7 272.4

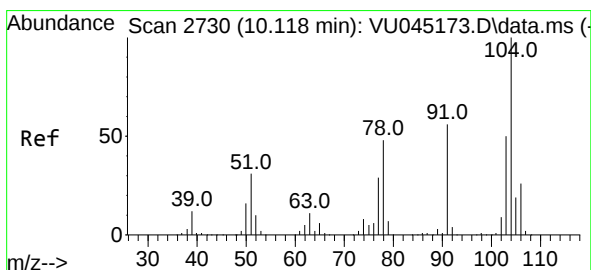
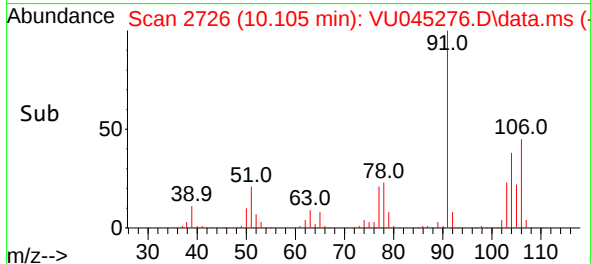
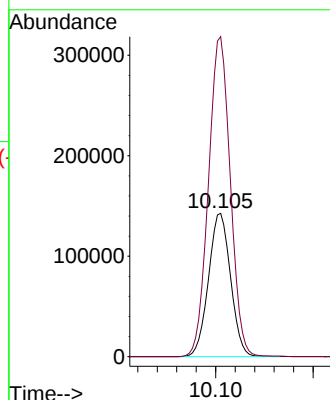
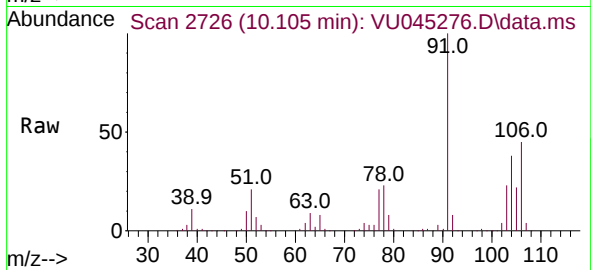




#54
o-xylene
Concen: 56.795 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU045276.D
Acq: 11 Oct 2021 10:42

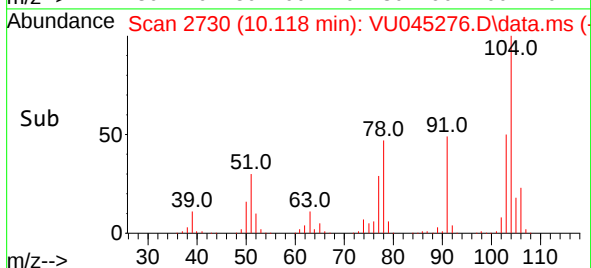
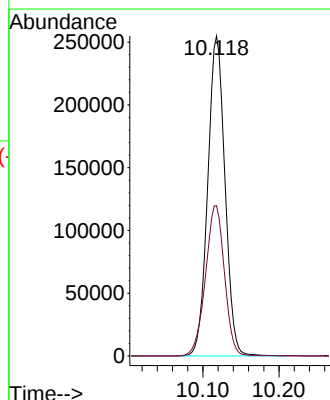
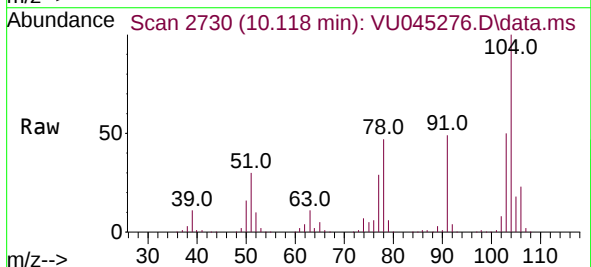
Instrument :
MSVOA_U
ClientSampleId :
VSTD050101

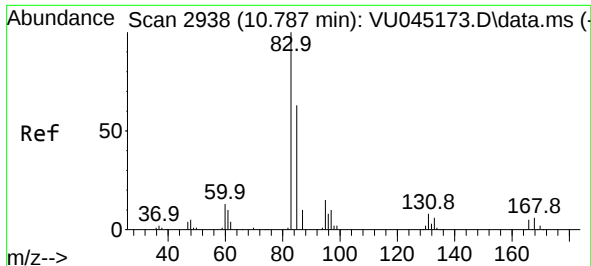
Tgt Ion:106 Resp: 224748
Ion Ratio Lower Upper
106 100
91 223.2 152.9 283.9



#55
Styrene
Concen: 58.979 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU045276.D
Acq: 11 Oct 2021 10:42

Tgt Ion:104 Resp: 401364
Ion Ratio Lower Upper
104 100
78 46.9 33.3 61.9

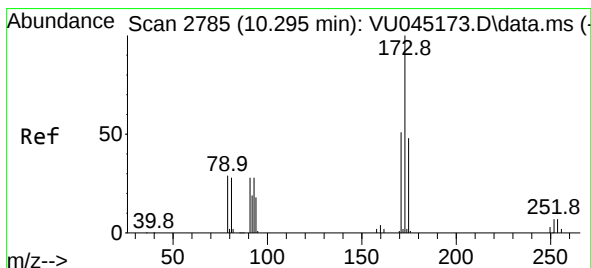
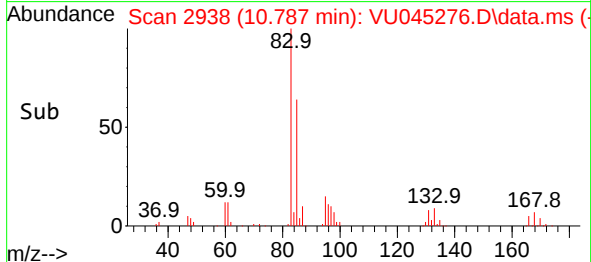
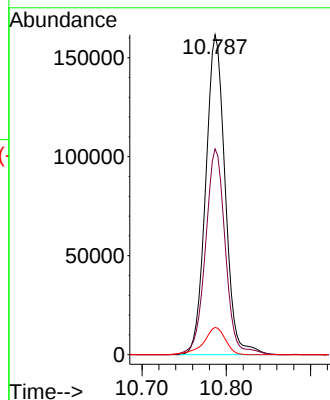
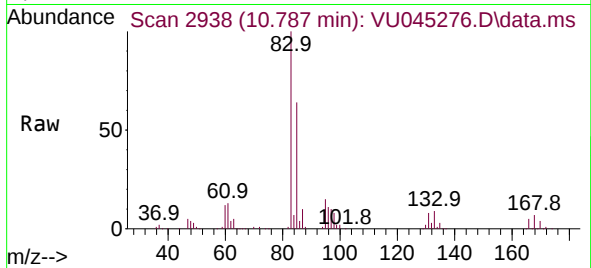




#57
1,1,2,2-Tetrachloroethane
Concen: 55.385 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU045276.D
Acq: 11 Oct 2021 10:42

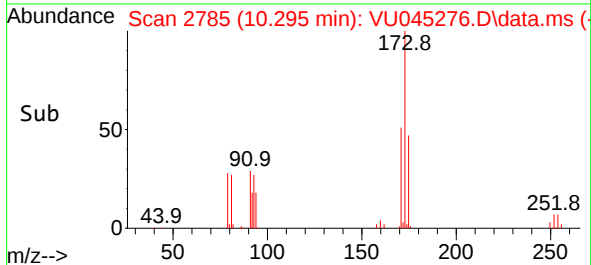
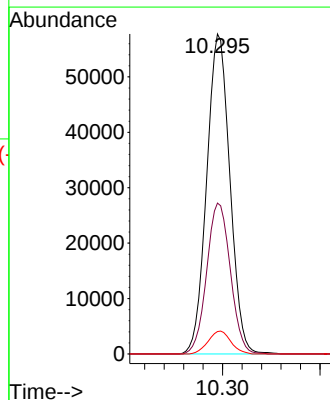
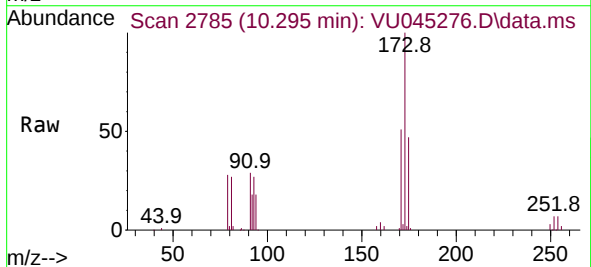
Instrument :
MSVOA_U
ClientSampleId :
VSTD050101

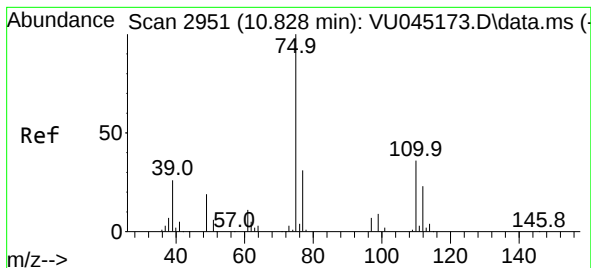
Tgt Ion:	83	Resp:	259153
Ion	Ratio	Lower	Upper
83	100		
85	64.3	45.1	83.7
131	8.5	6.9	10.3



#59
Bromoform
Concen: 54.993 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VU045276.D
Acq: 11 Oct 2021 10:42

Tgt Ion:	173	Resp:	95420
Ion	Ratio	Lower	Upper
173	100		
175	48.0	38.4	57.6
254	7.0	5.3	7.9

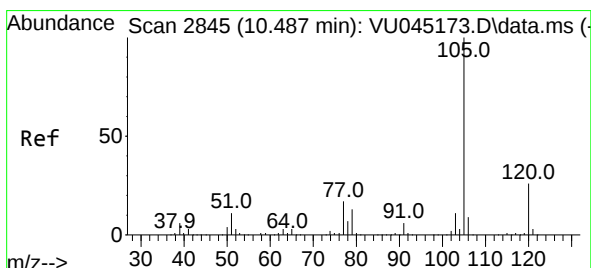
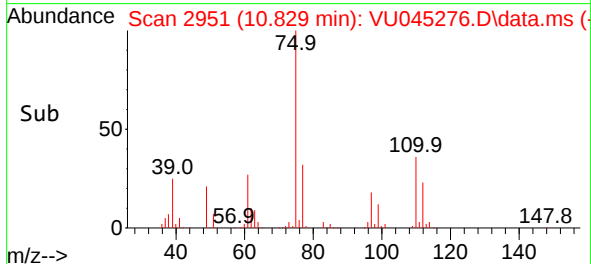
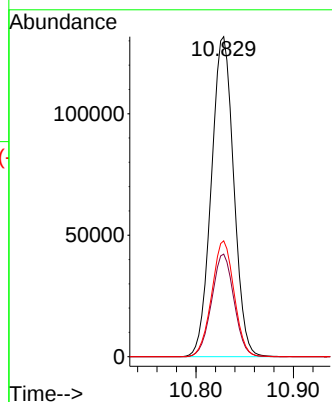
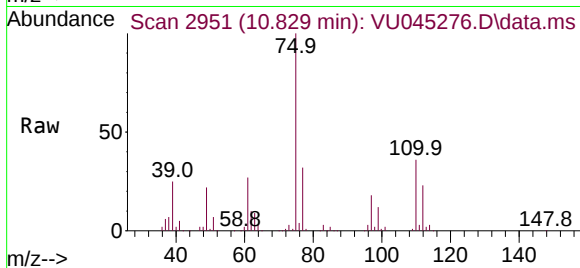




#60
1,2,3-Trichloropropane
Concen: 54.279 ug/L
RT: 10.829 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU045276.D
Acq: 11 Oct 2021 10:42

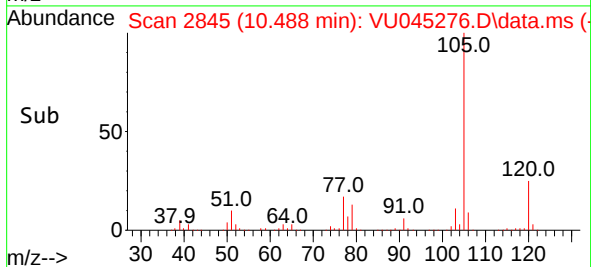
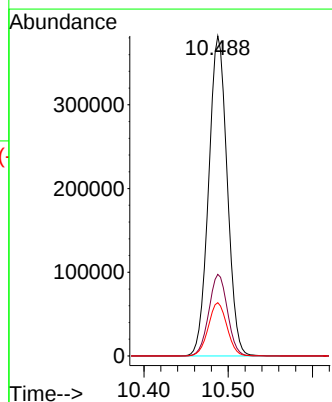
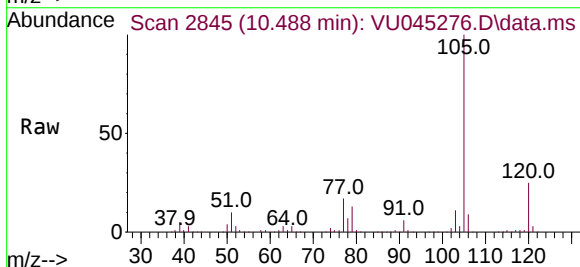
Instrument :
MSVOA_U
ClientSampleId :
VSTD050101

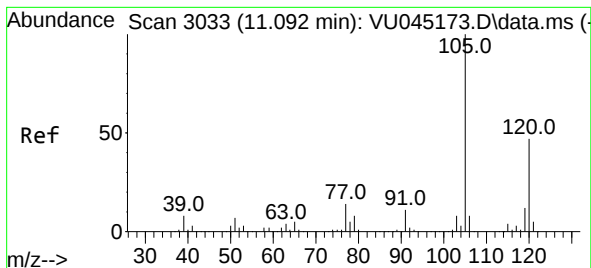
Tgt Ion: 75 Resp: 210037
Ion Ratio Lower Upper
75 100
77 32.1 25.5 38.3
110 36.2 29.0 43.4



#61
Isopropylbenzene
Concen: 57.055 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU045276.D
Acq: 11 Oct 2021 10:42

Tgt Ion: 105 Resp: 584188
Ion Ratio Lower Upper
105 100
120 25.7 20.5 30.7
77 16.8 13.5 20.3

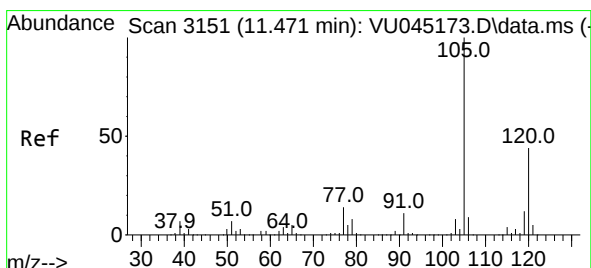
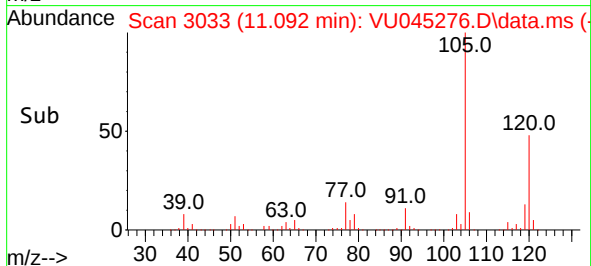
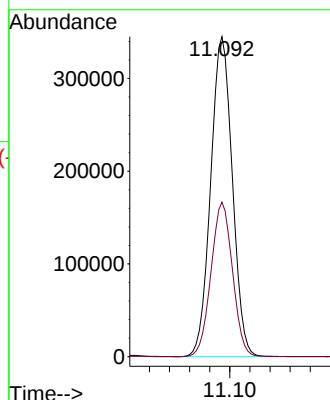
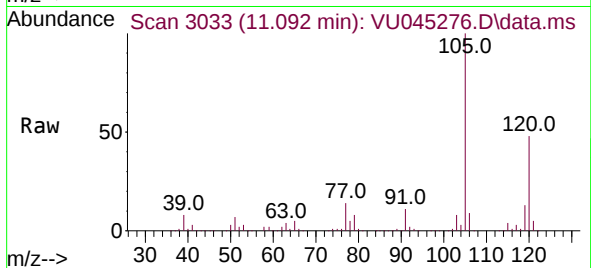




#62
1,3,5-Trimethylbenzene
Concen: 60.398 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU045276.D
Acq: 11 Oct 2021 10:42

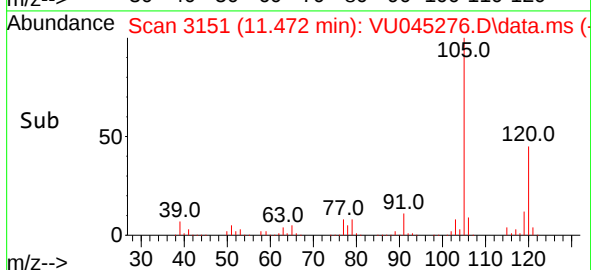
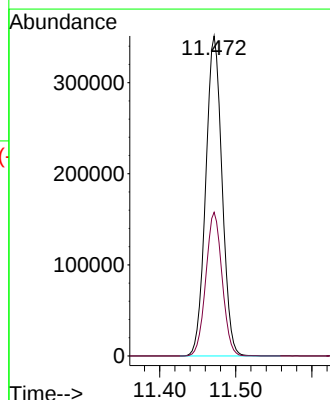
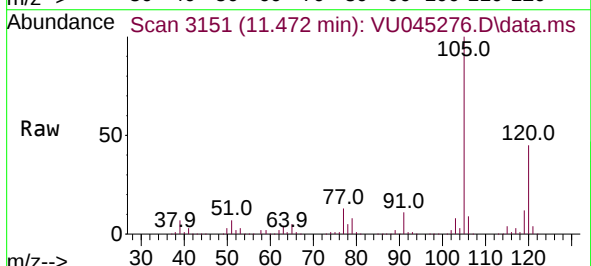
Instrument :
MSVOA_U
ClientSampleId :
VSTD050101

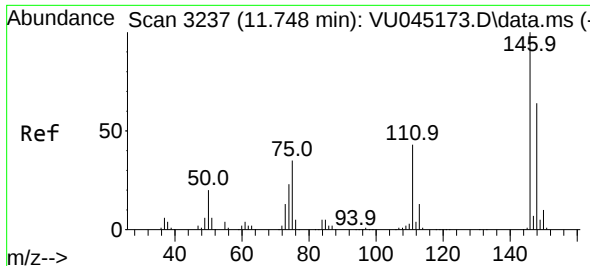
Tgt Ion:105 Resp: 516460
Ion Ratio Lower Upper
105 100
120 47.9 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 59.795 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU045276.D
Acq: 11 Oct 2021 10:42

Tgt Ion:105 Resp: 523585
Ion Ratio Lower Upper
105 100
120 44.7 35.7 53.5

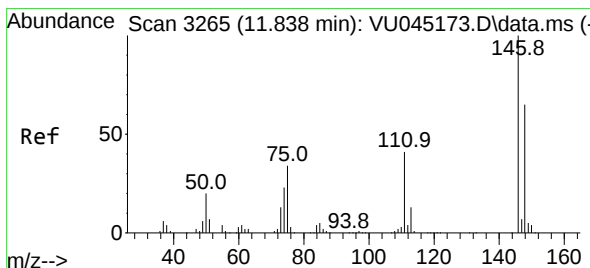
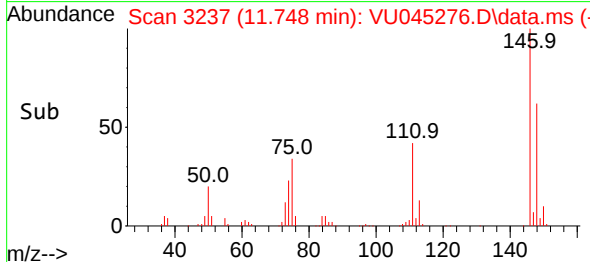
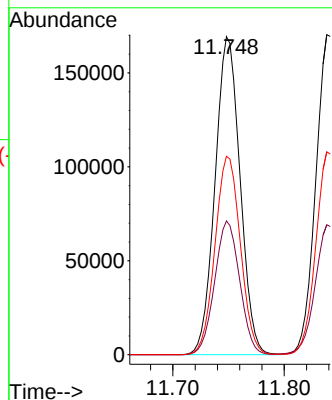
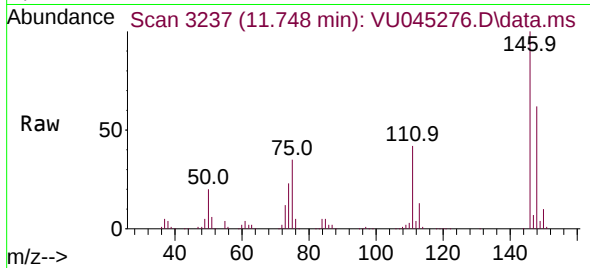




#64
1,3-Dichlorobenzene
Concen: 55.838 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU045276.D
Acq: 11 Oct 2021 10:42

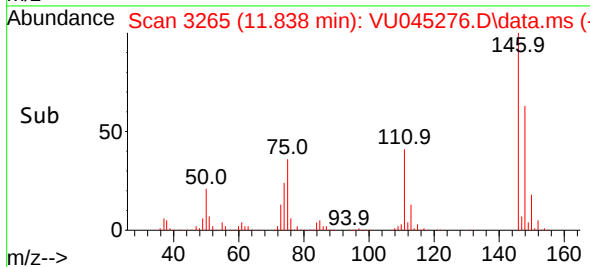
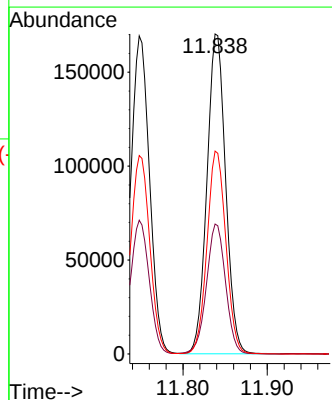
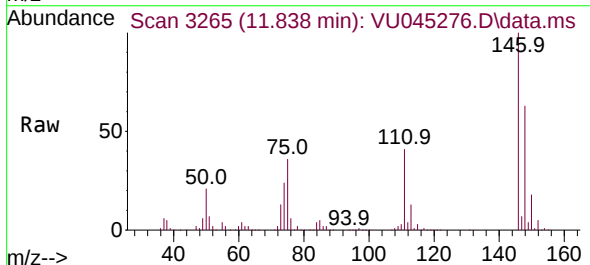
Instrument :
MSVOA_U
ClientSampled :
VSTD050101

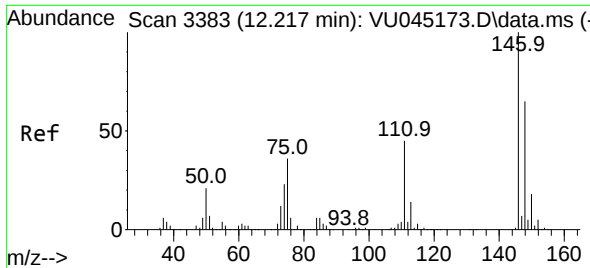
Tgt Ion:146 Resp: 264213
Ion Ratio Lower Upper
146 100
111 42.1 29.0 53.8
148 62.4 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 54.155 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU045276.D
Acq: 11 Oct 2021 10:42

Tgt Ion:146 Resp: 262913
Ion Ratio Lower Upper
146 100
111 40.6 28.5 52.9
148 63.4 45.5 84.5

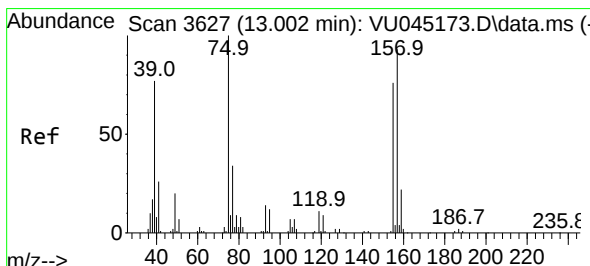
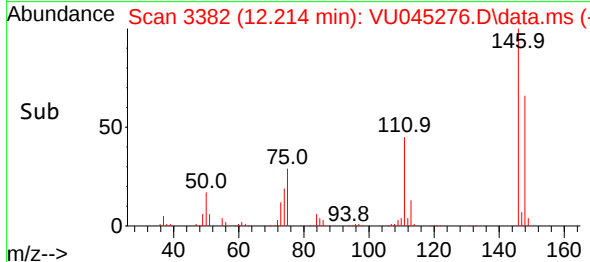
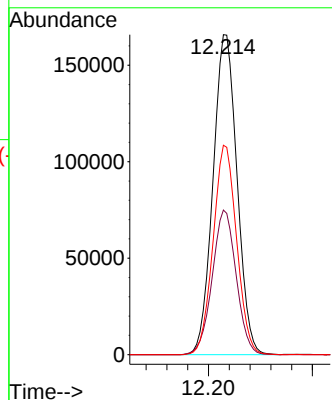
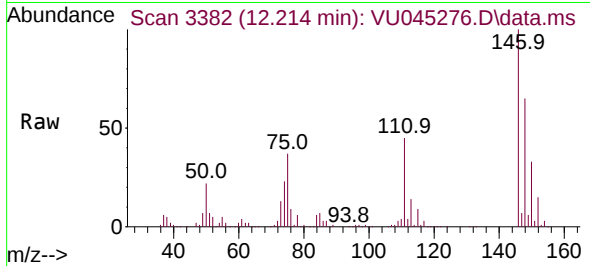




#67
1,2-Dichlorobenzene
Concen: 54.890 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.003 min
Lab File: VU045276.D
Acq: 11 Oct 2021 10:42

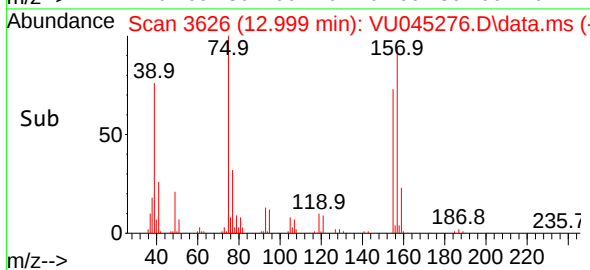
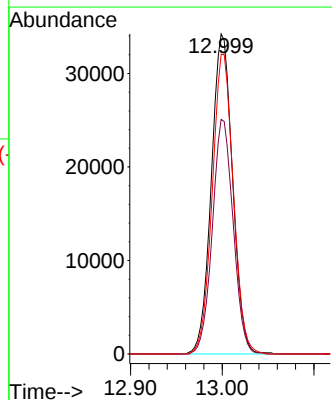
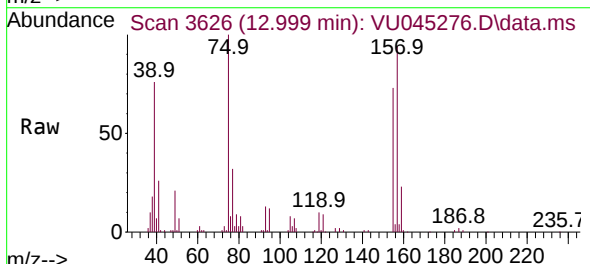
Instrument :
MSVOA_U
ClientSampleId :
VSTD050101

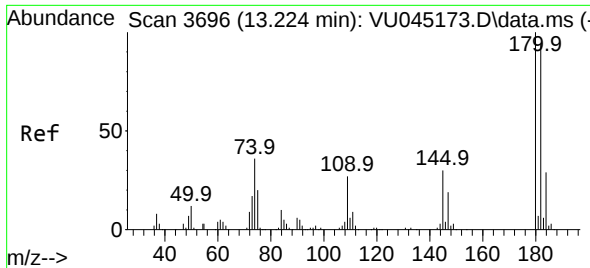
Tgt Ion:146 Resp: 266629
Ion Ratio Lower Upper
146 100
111 45.2 34.7 52.1
148 65.5 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 49.403 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. -0.000 min
Lab File: VU045276.D
Acq: 11 Oct 2021 10:42

Tgt Ion: 75 Resp: 54938
Ion Ratio Lower Upper
75 100
155 73.3 58.5 87.7
157 97.7 77.7 116.5

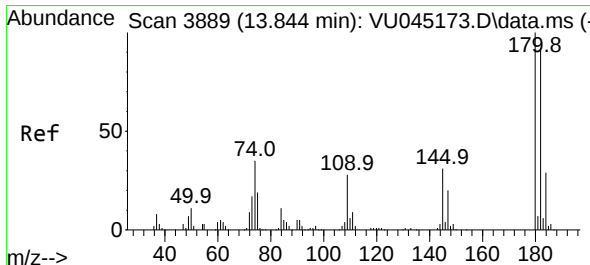
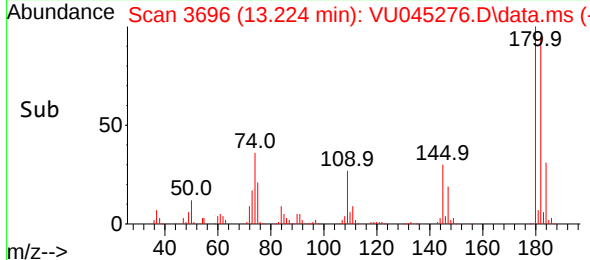
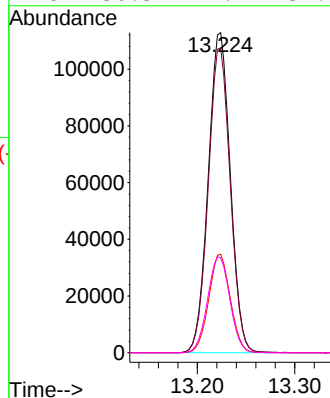
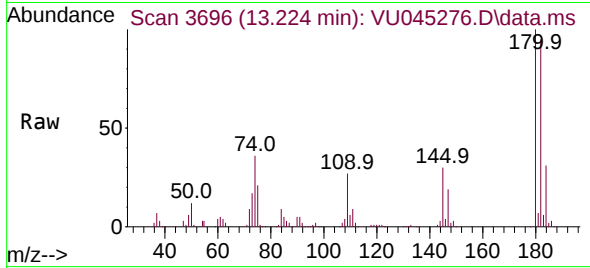




#69
 1,3,5-Trichlorobenzene
 Concen: 54.039 ug/L
 RT: 13.224 min Scan# 3696
 Delta R.T. -0.000 min
 Lab File: VU045276.D
 Acq: 11 Oct 2021 10:42

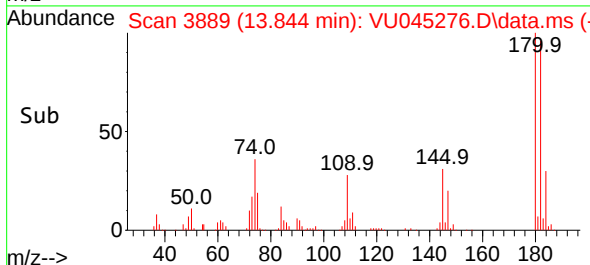
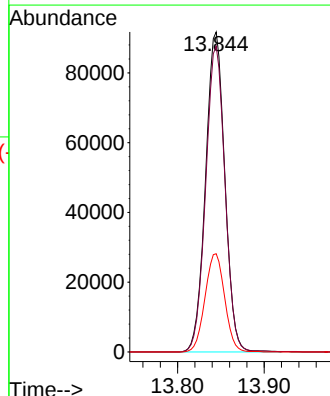
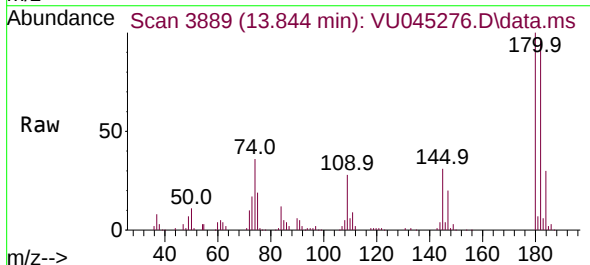
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050101

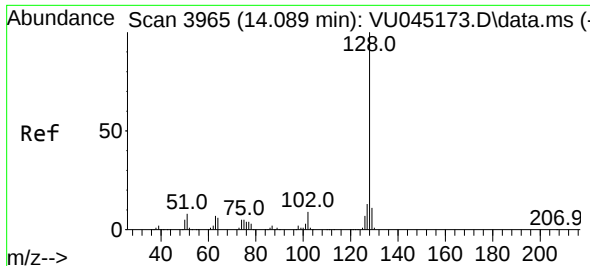
Tgt Ion:	180	Resp:	177453
Ion Ratio	Lower	Upper	
180	100		
182	94.8	76.8	115.2
184	30.0	24.4	36.6
145	30.3	24.9	37.3



#70
 1,2,4-trichlorobenzene
 Concen: 51.981 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. -0.000 min
 Lab File: VU045276.D
 Acq: 11 Oct 2021 10:42

Tgt Ion:	180	Resp:	141846
Ion Ratio	Lower	Upper	
180	100		
182	95.5	76.2	114.2
145	31.3	25.4	38.0

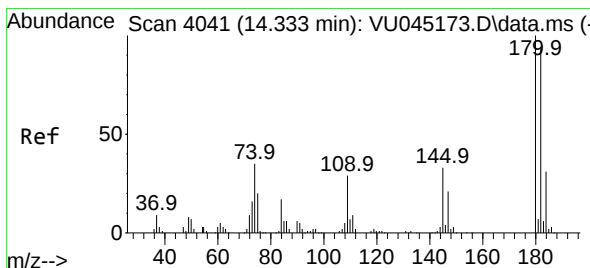
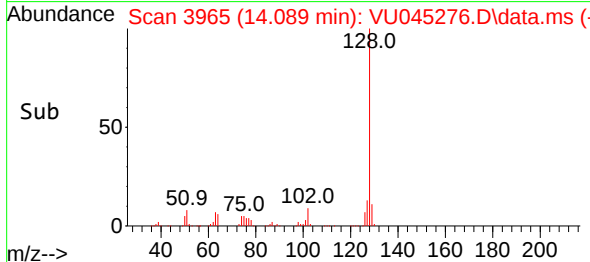
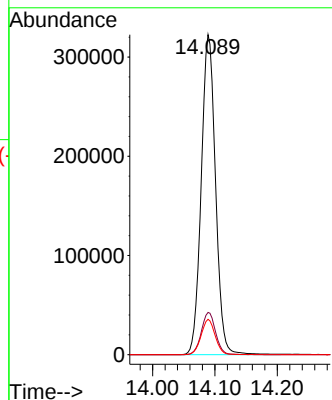
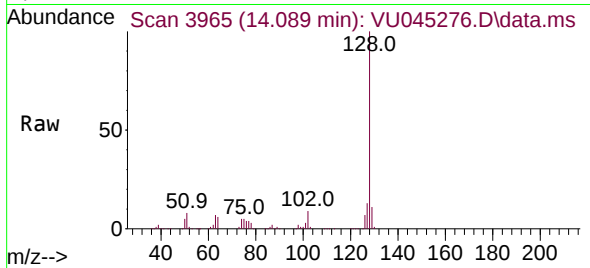




#71
Naphthalene
Concen: 54.442 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045276.D
Acq: 11 Oct 2021 10:42

Instrument :
MSVOA_U
ClientSampleId :
VSTD050101

Tgt Ion:128 Resp: 514811
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: 51.729 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VU045276.D
Acq: 11 Oct 2021 10:42

Tgt Ion:180 Resp: 144425
Ion Ratio Lower Upper
180 100
182 94.8 76.8 115.2
145 33.5 26.5 39.7

