

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091021\
 Data File : VU044622.D
 Acq On : 10 Sep 2021 14:50
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005105

Quant Time: Sep 11 00:27:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 11 00:26:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	142664	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	143641	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	74880	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	39975	4.749	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.000%
7) Chloroethane-d5	1.919	69	40785	4.748	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.572	65	20065	4.719	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.400%
20) 2-Butanone-d5	4.642	46	147148	41.701	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.400%
24) Chloroform-d	5.070	84	89173	5.036	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	5.710	65	52160	4.940	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.736	84	180326	4.924	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	6.697	67	59325	4.932	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.903	98	157866	4.951	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
43) trans-1,3-Dichloroprop...	8.186	79	20659	4.872	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	8.642	63	138493	50.822	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.640%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	52648	4.937	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.198	152	57875	4.684	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	61333	5.391	ug/L	99
3) Chloromethane	1.520	50	74611	5.455	ug/L	99
5) Vinyl chloride	1.607	62	76455	5.481	ug/L	98
6) Bromomethane	1.861	94	38247	5.350	ug/L	100
8) Chloroethane	1.938	64	47331	5.323	ug/L	100
9) Trichlorofluoromethane	2.144	101	87996	5.602	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	53824	5.582	ug/L	100
12) 1,1-Dichloroethene	2.588	96	49558	5.407	ug/L	91
13) Acetone	2.646	43	96805	42.121	ug/L	81
14) Carbon disulfide	2.800	76	153951	5.306	ug/L	100
15) Methyl Acetate	2.961	43	21379	5.152	ug/L	96
16) Methylene chloride	3.054	84	109442	7.509	ug/L	100
17) Methyl tert-butyl Ether	3.372	73	138783	5.478	ug/L	99
18) trans-1,2-Dichloroethene	3.363	96	53731	5.515	ug/L	98
19) 1,1-Dichloroethane	3.877	63	108536	5.510	ug/L	100
21) 2-Butanone	4.719	43	206111	53.711	ug/L	100
22) cis-1,2-Dichloroethene	4.674	96	60030	5.589	ug/L	98
23) Bromochloromethane	4.983	128	25785	5.667	ug/L	92
25) Chloroform	5.096	83	114768	5.468	ug/L	97

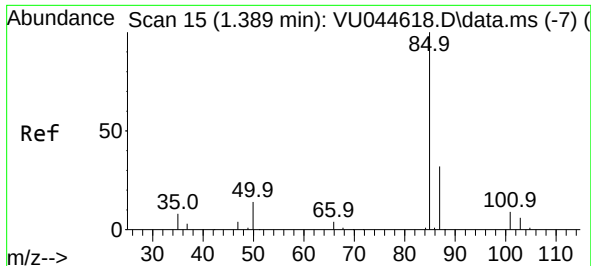
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091021\
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	76030	5.532	ug/L	97
29) 1,1,1-Trichloroethane	5.324	97	90045	5.753	ug/L	99
30) Cyclohexane	5.398	56	96553	5.386	ug/L	100
31) Carbon tetrachloride	5.533	117	67079	5.476	ug/L	99
33) Benzene	5.781	78	239429	5.616	ug/L	100
34) Trichloroethene	6.549	95	59237	5.613	ug/L	99
35) Methylcyclohexane	6.771	83	94866	5.470	ug/L	98
37) 1,2-Dichloropropane	6.797	63	64389	5.637	ug/L	99
38) Bromodichloromethane	7.112	83	75957	5.484	ug/L	98
39) cis-1,3-Dichloropropene	7.613	75	88520	5.470	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	493321	55.481	ug/L	100
42) Toluene	7.977	91	250615	5.629	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	76322	5.527	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	46214	5.690	ug/L	98
47) Tetrachloroethene	8.559	164	41234	5.627	ug/L	97
48) 2-Hexanone	8.694	43	363578	54.935	ug/L	99
49) Dibromochloromethane	8.816	129	48509	5.685	ug/L	99
50) 1,2-Dibromoethane	8.928	107	43357	5.670	ug/L	99
51) Chlorobenzene	9.452	112	152227	5.515	ug/L	99
52) Ethylbenzene	9.575	91	267898	5.555	ug/L	100
53) m,p-Xylene	9.700	106	101630	5.542	ug/L	97
54) o-Xylene	10.105	106	98482	5.622	ug/L	100
55) Styrene	10.118	104	174664	5.696	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.787	83	59904	5.493	ug/L	97
59) Bromoform	10.298	173	25891	5.563	ug/L	99
60) Isopropylbenzene	10.488	105	261592	5.581	ug/L	100
61) 1,2,3-Trichloropropane	10.829	75	45166	5.459	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	216574	5.564	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	222757	5.572	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	118371	5.416	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	119788	5.313	ug/L	100
67) 1,2-Dichlorobenzene	12.218	146	114680	5.528	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	9599	5.275	ug/L	91
69) 1,3,5-Trichlorobenzene	13.224	180	87594	5.272	ug/L	98
70) 1,2,4-trichlorobenzene	13.845	180	71901	5.131	ug/L	100
71) Naphthalene	14.092	128	128247	4.690	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	66723	5.172	ug/L	98

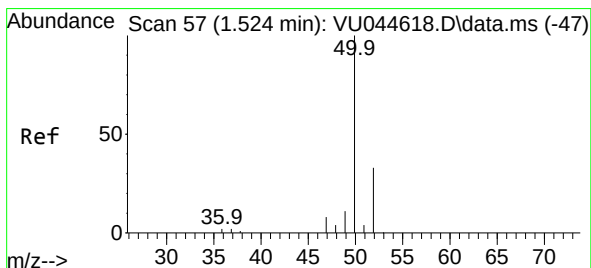
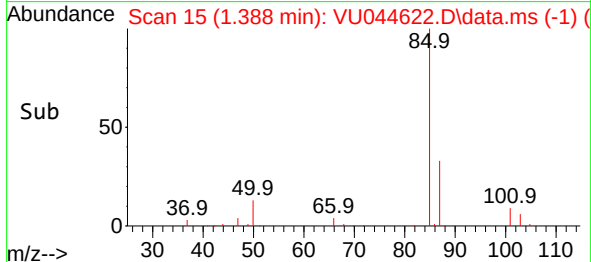
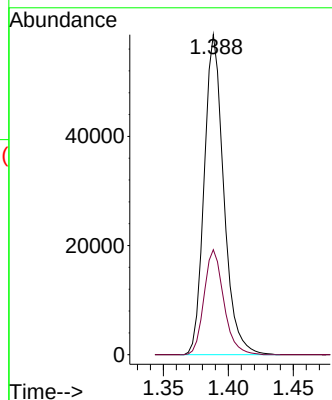
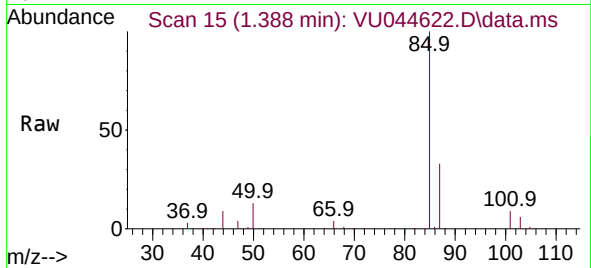
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 5.391 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU044622.D
Acq: 10 Sep 2021 14:50

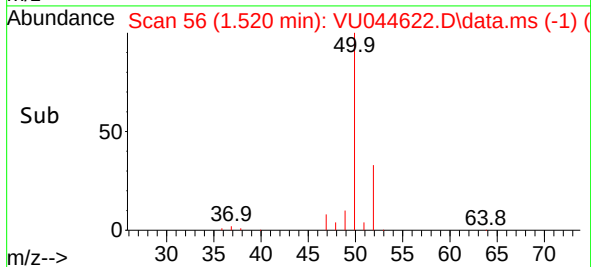
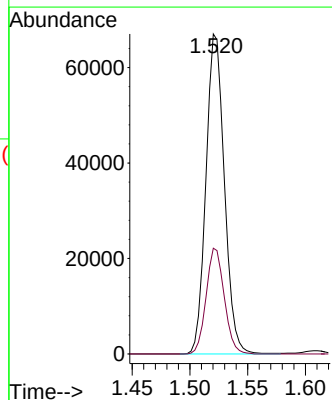
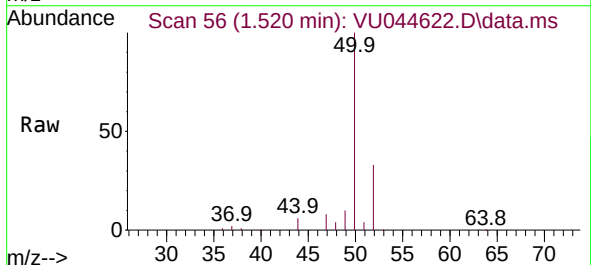
Instrument :
MSVOA_U
ClientSampleId :
VSTD005105

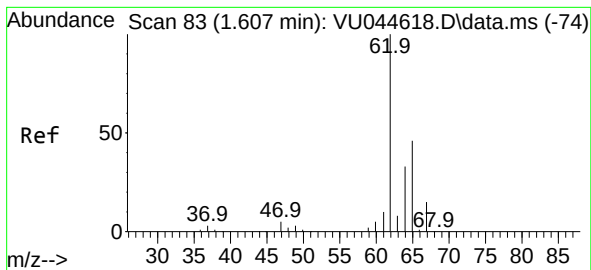
Tgt Ion: 85 Resp: 61333
Ion Ratio Lower Upper
85 100
87 33.1 26.0 39.0



#3
Chloromethane
Concen: 5.455 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU044622.D
Acq: 10 Sep 2021 14:50

Tgt Ion: 50 Resp: 74611
Ion Ratio Lower Upper
50 100
52 33.1 22.6 42.0

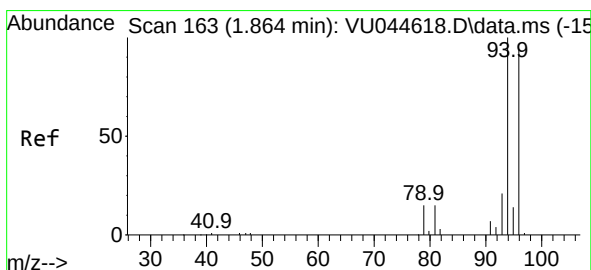
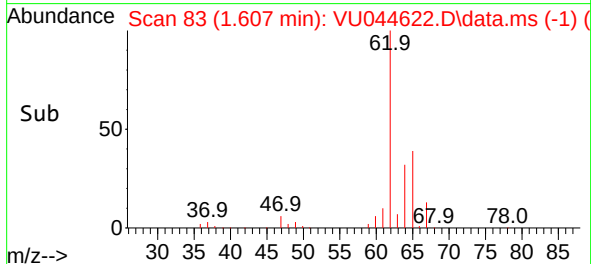
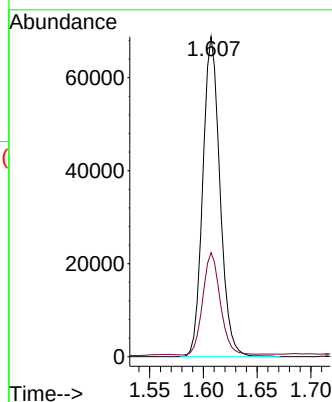
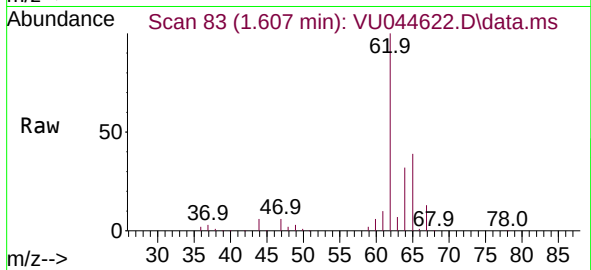




#5
 Vinyl chloride
 Concen: 5.481 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU044622.D
 Acq: 10 Sep 2021 14:50

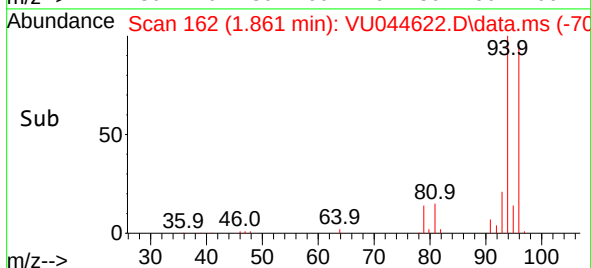
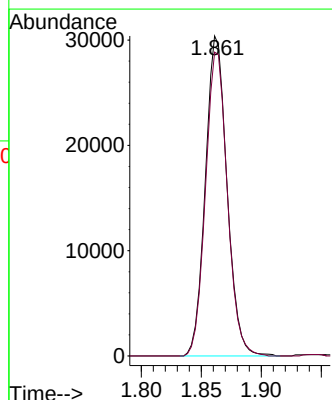
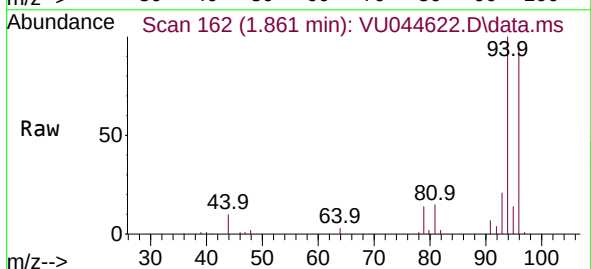
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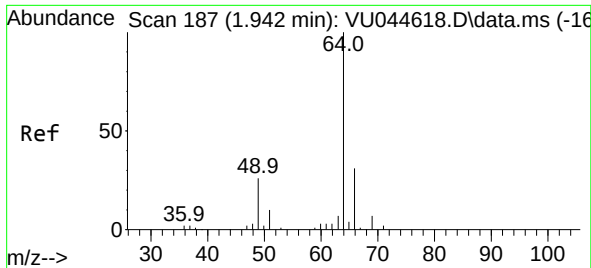
Tgt Ion: 62 Resp: 76455
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.0 40.8



#6
 Bromomethane
 Concen: 5.350 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.003 min
 Lab File: VU044622.D
 Acq: 10 Sep 2021 14:50

Tgt Ion: 94 Resp: 38247
 Ion Ratio Lower Upper
 94 100
 96 94.9 66.4 123.4

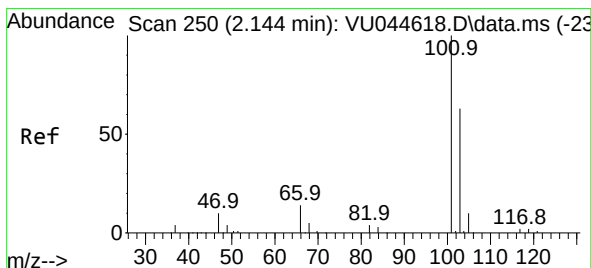
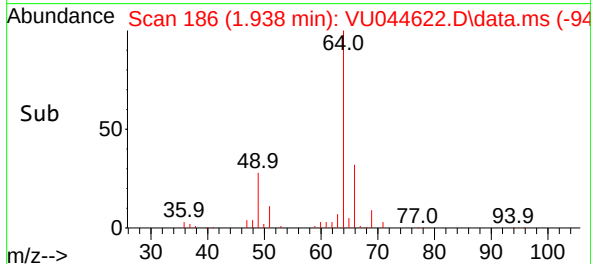
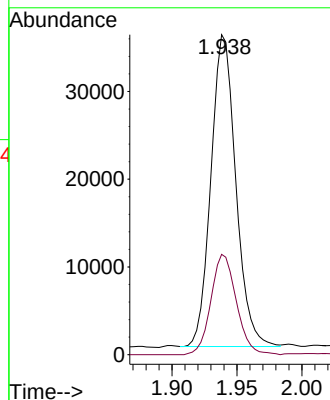
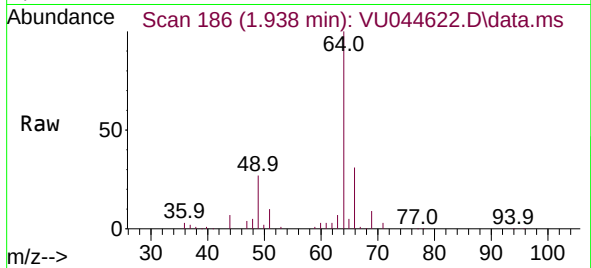




#8
Chloroethane
Concen: 5.323 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.003 min
Lab File: VU044622.D
Acq: 10 Sep 2021 14:50

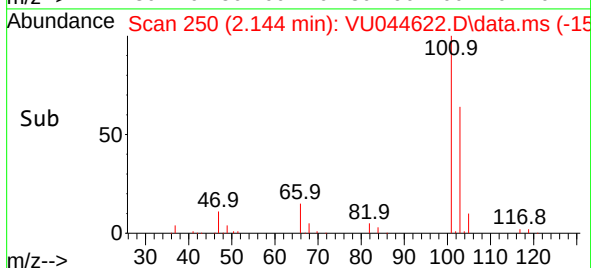
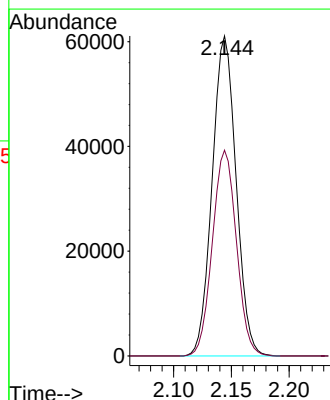
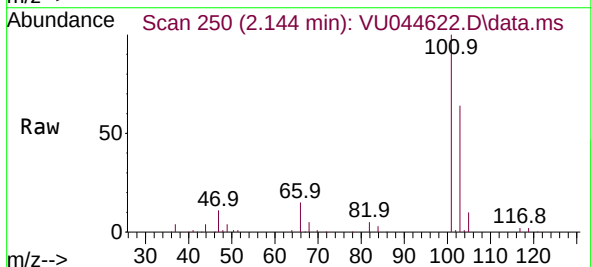
Instrument :
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ClientSampleId :
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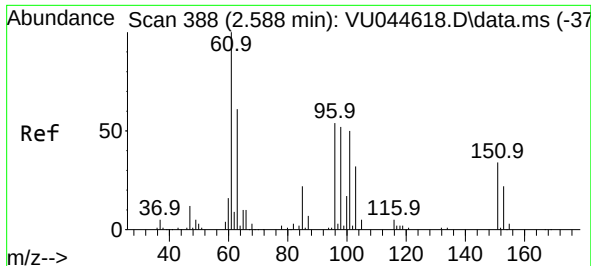
Tgt Ion: 64 Resp: 47331
Ion Ratio Lower Upper
64 100
66 31.3 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.602 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU044622.D
Acq: 10 Sep 2021 14:50

Tgt Ion:101 Resp: 87996
Ion Ratio Lower Upper
101 100
103 64.6 51.2 76.8

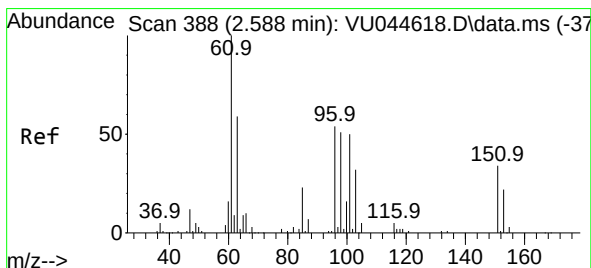
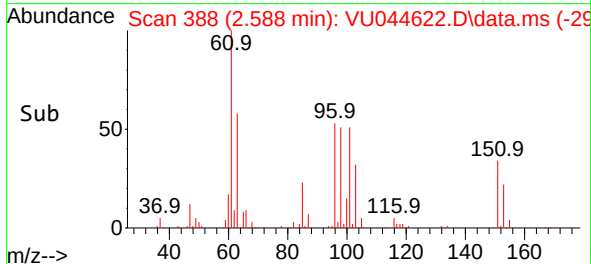
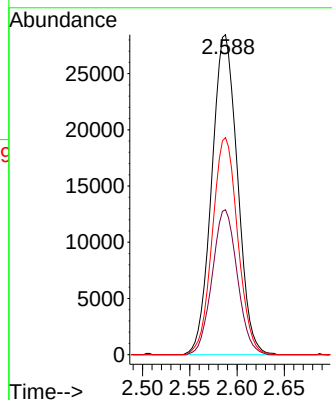
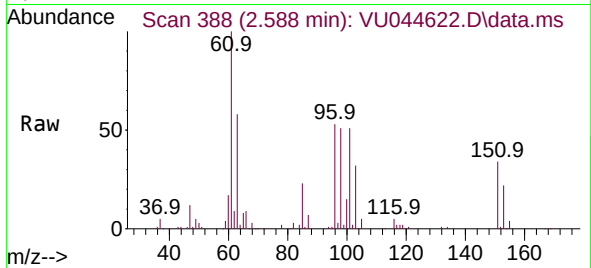




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.582 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU044622.D
 Acq: 10 Sep 2021 14:50

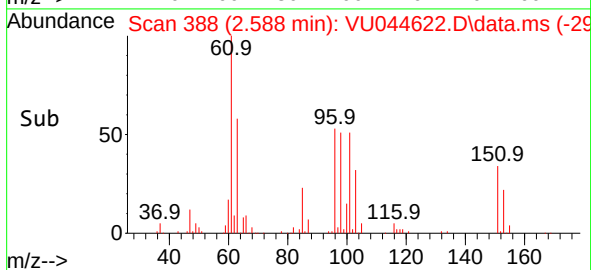
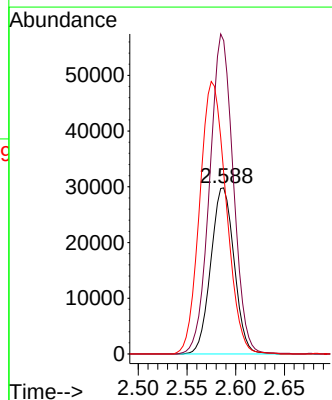
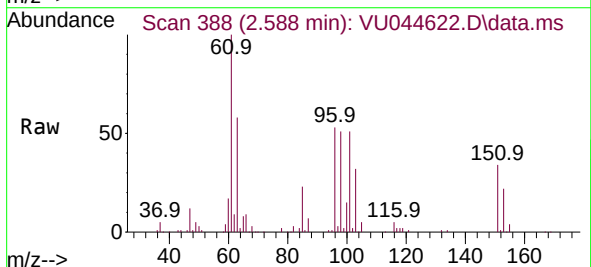
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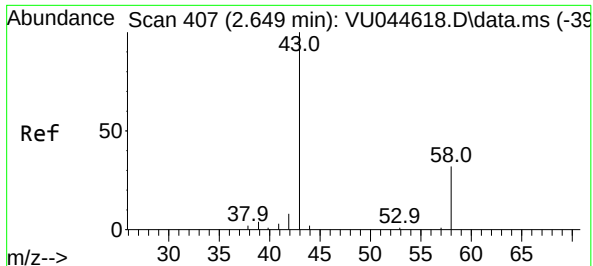
Tgt Ion:101 Resp: 53824
 Ion Ratio Lower Upper
 101 100
 85 44.2 35.4 53.2
 151 67.1 53.9 80.9



#12
 1,1-Dichloroethene
 Concen: 5.407 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU044622.D
 Acq: 10 Sep 2021 14:50

Tgt Ion: 96 Resp: 49558
 Ion Ratio Lower Upper
 96 100
 61 188.6 129.3 240.1
 63 109.0 91.3 169.5

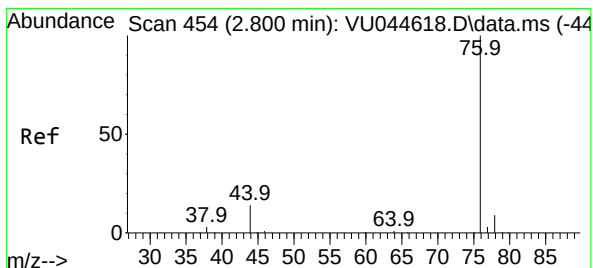
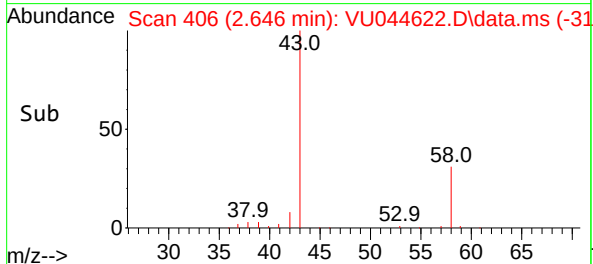
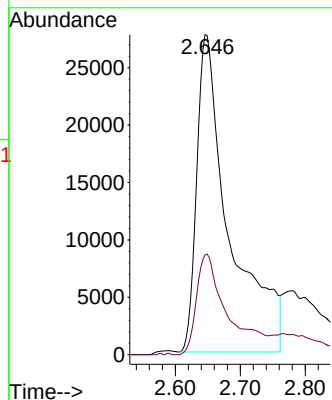
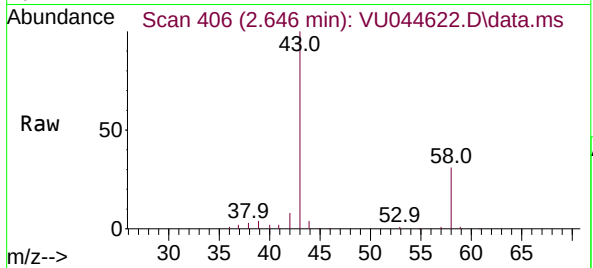




#13
Acetone
Concen: 42.121 ug/L
RT: 2.646 min Scan# 406
Delta R.T. -0.003 min
Lab File: VU044622.D
Acq: 10 Sep 2021 14:50

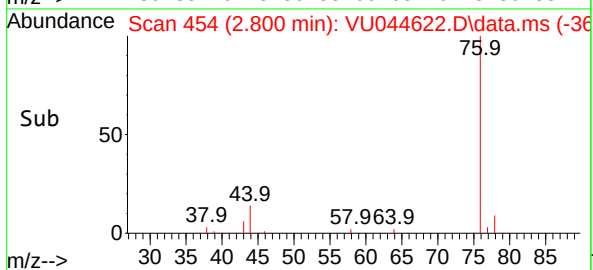
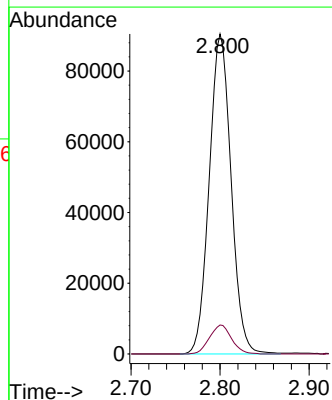
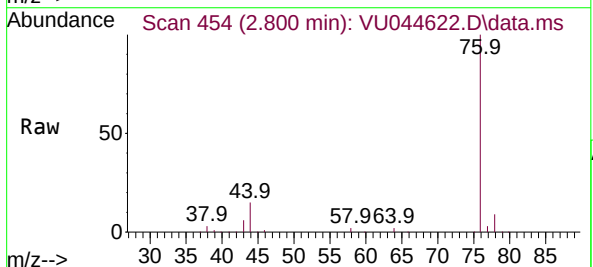
Instrument :
MSVOA_U
ClientSampleId :
VSTD005105

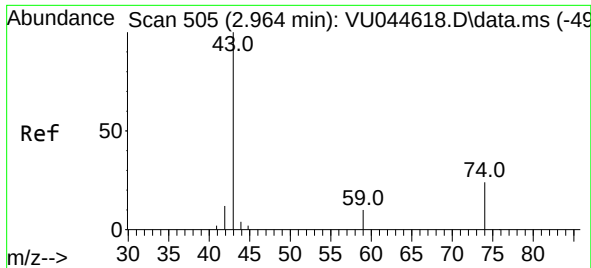
Tgt Ion: 43 Resp: 96805
Ion Ratio Lower Upper
43 100
58 30.2 0.0 42.4



#14
Carbon disulfide
Concen: 5.306 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU044622.D
Acq: 10 Sep 2021 14:50

Tgt Ion: 76 Resp: 153951
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

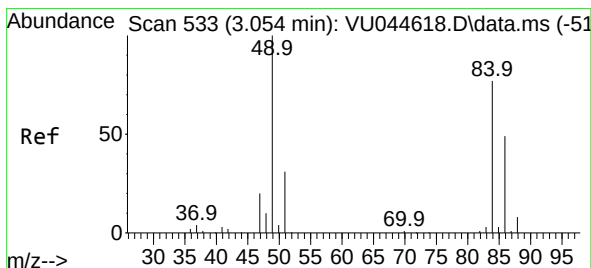
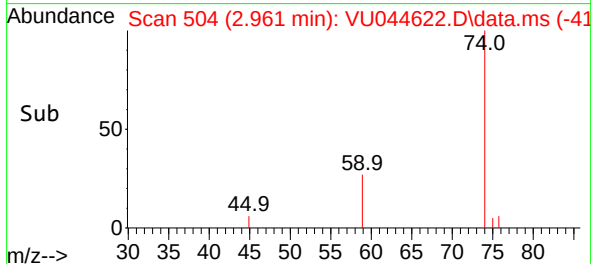
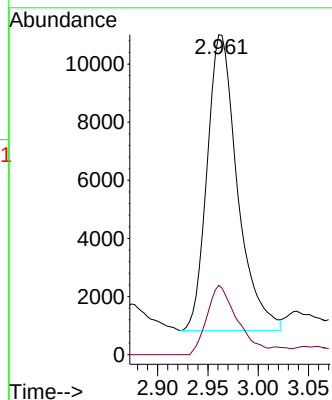
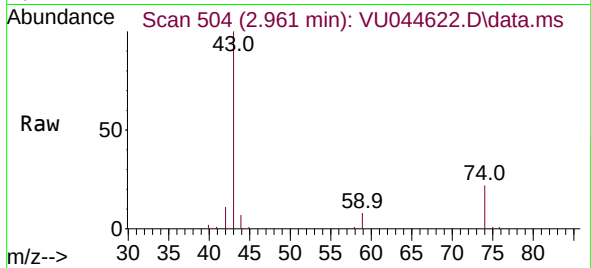




#15
Methyl Acetate
Concen: 5.152 ug/L
RT: 2.961 min Scan# 504
Delta R.T. -0.003 min
Lab File: VU044622.D
Acq: 10 Sep 2021 14:50

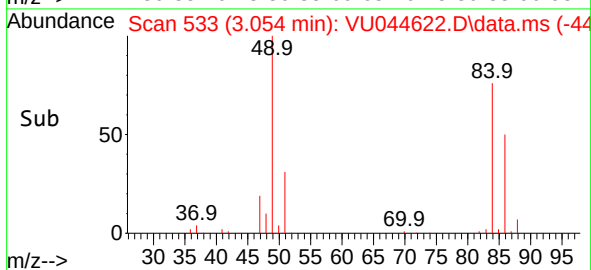
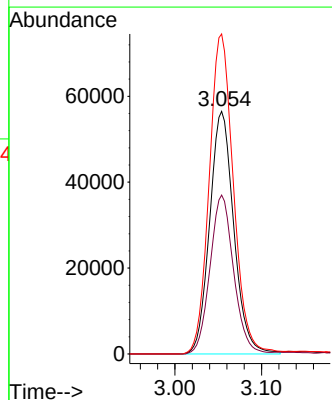
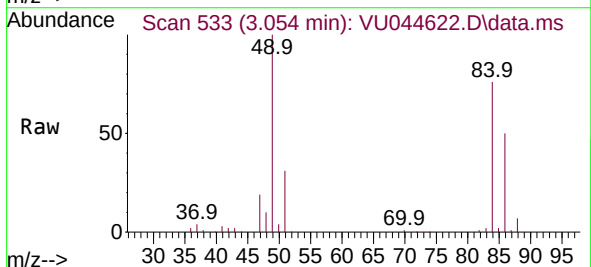
Instrument :
MSVOA_U
ClientSampleId :
VSTD005105

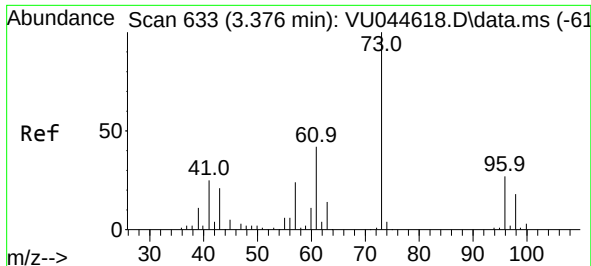
Tgt Ion: 43 Resp: 21379
Ion Ratio Lower Upper
43 100
74 23.5 20.6 30.8



#16
Methylene chloride
Concen: 7.509 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU044622.D
Acq: 10 Sep 2021 14:50

Tgt Ion: 84 Resp: 109442
Ion Ratio Lower Upper
84 100
86 65.5 45.8 85.2
49 131.9 92.9 172.5



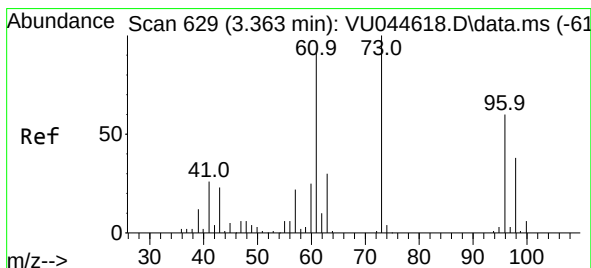
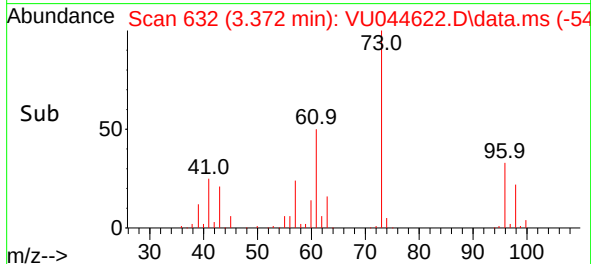
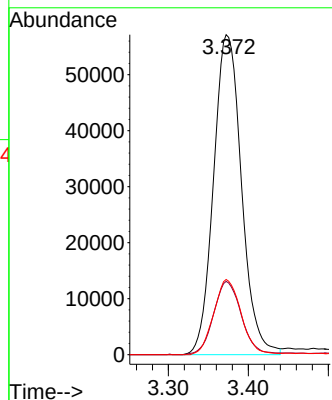
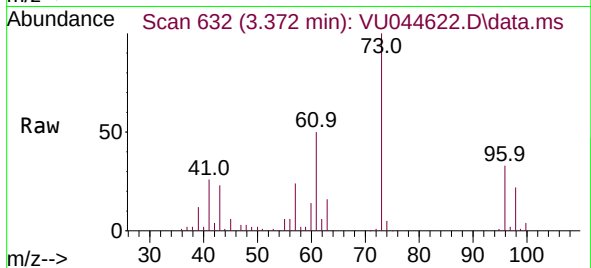


#17

Methyl tert-butyl Ether
Concen: 5.478 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.003 min
Lab File: VU044622.D
Acq: 10 Sep 2021 14:50

Instrument :
MSVOA_U
ClientSampleId :
VSTD005105

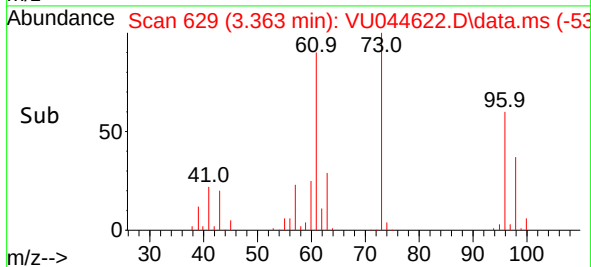
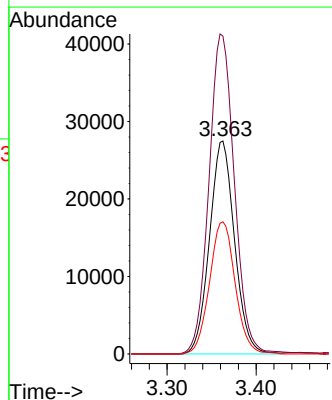
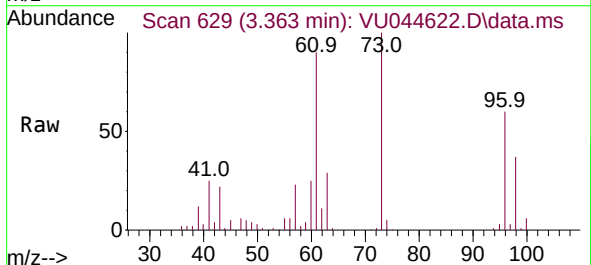
Tgt Ion: 73	Resp: 138783
Ion Ratio	Lower Upper
73 100	
43 22.8	17.8 26.6
57 23.0	18.6 27.8

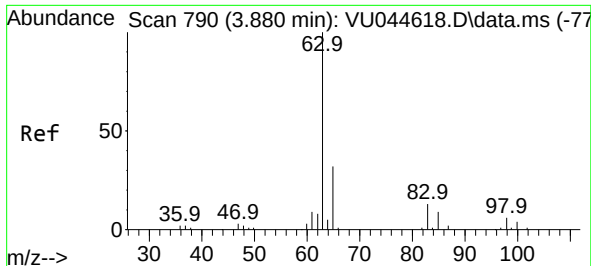


#18

trans-1,2-Dichloroethene
Concen: 5.515 ug/L
RT: 3.363 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU044622.D
Acq: 10 Sep 2021 14:50

Tgt Ion: 96	Resp: 53731
Ion Ratio	Lower Upper
96 100	
61 149.3	107.2 199.0
98 62.0	42.8 79.6





#19

1,1-Dichloroethane

Concen: 5.510 ug/L

RT: 3.877 min Scan# 789

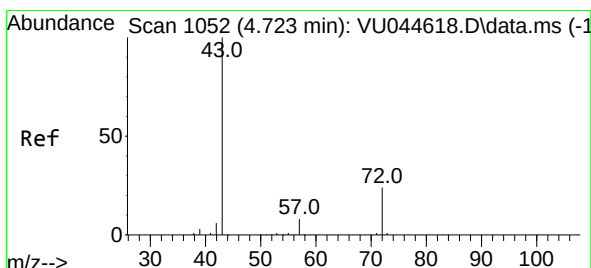
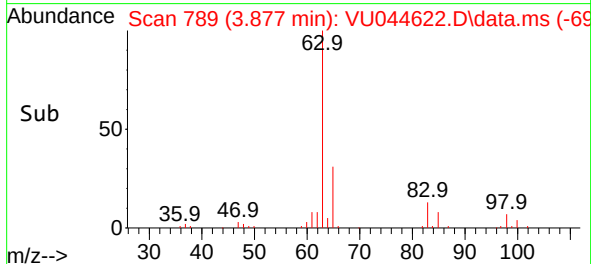
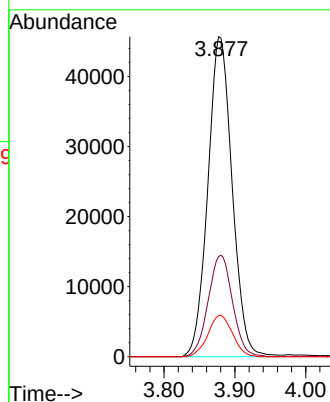
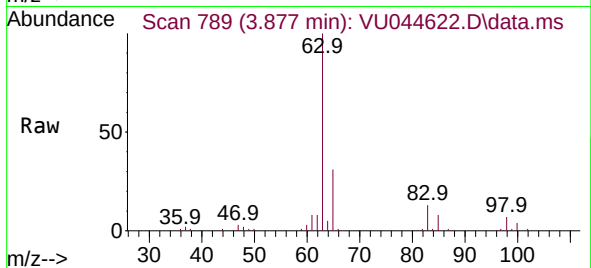
Delta R.T. -0.003 min

Lab File: VU044622.D

Acq: 10 Sep 2021 14:50

Tgt Ion: 63 Resp: 108536

Ion	Ratio	Lower	Upper
63	100		
65	31.3	21.8	40.6
83	12.8	8.8	16.3



#21

2-Butanone

Concen: 53.711 ug/L

RT: 4.719 min Scan# 1051

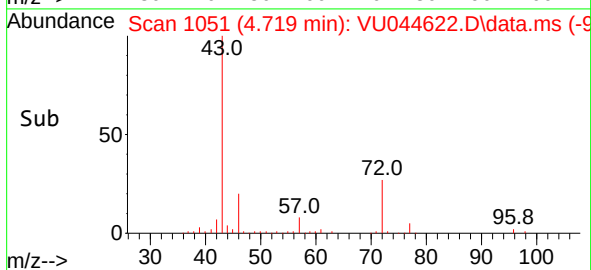
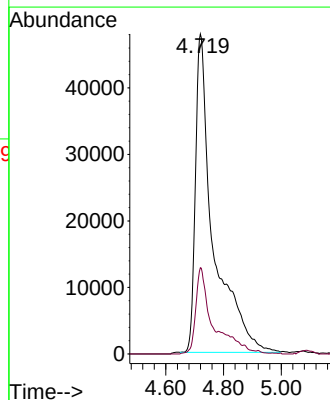
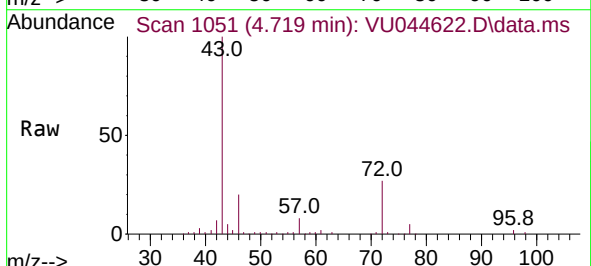
Delta R.T. -0.003 min

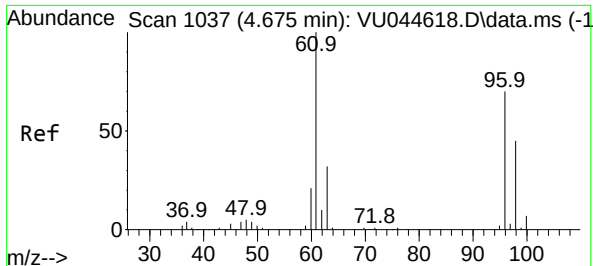
Lab File: VU044622.D

Acq: 10 Sep 2021 14:50

Tgt Ion: 43 Resp: 206111

Ion	Ratio	Lower	Upper
43	100		
72	18.5	9.2	27.4

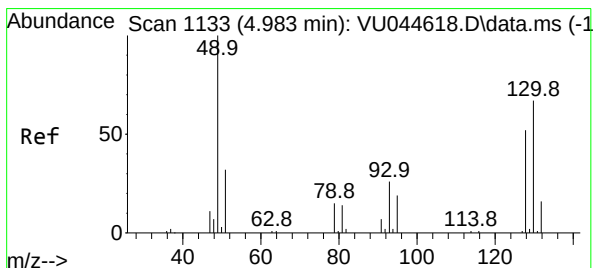
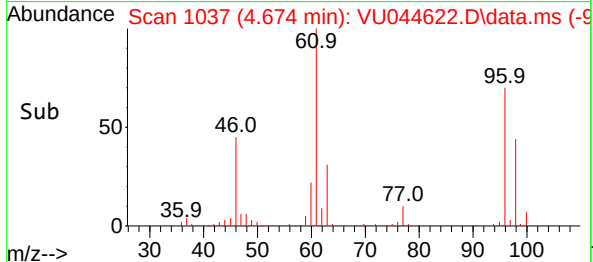
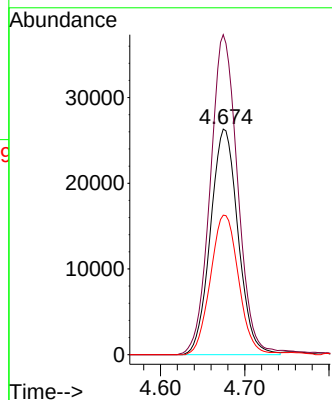
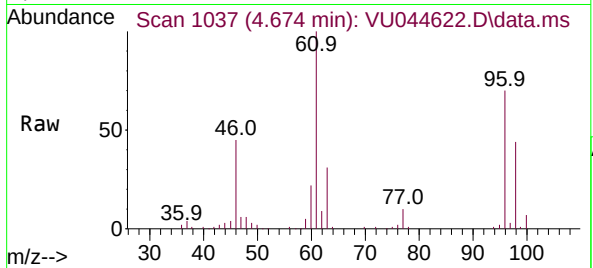




#22
 cis-1,2-Dichloroethene
 Concen: 5.589 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VU044622.D
 Acq: 10 Sep 2021 14:50

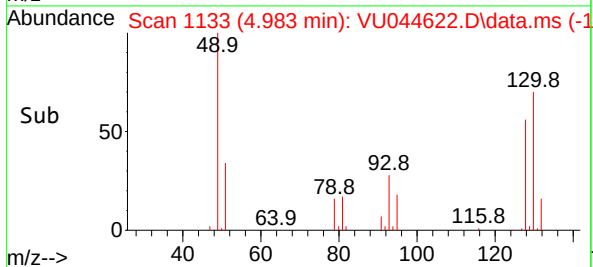
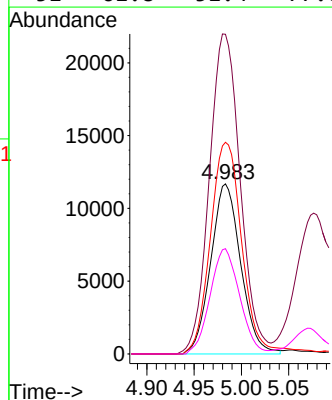
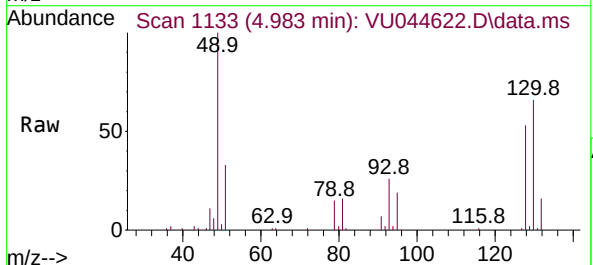
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005105

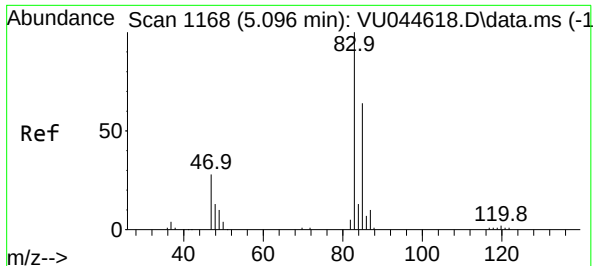
Tgt Ion:	96	Resp:	60030
Ion	Ratio	Lower	Upper
96	100		
61	141.9	96.9	179.9
98	61.8	43.5	80.7



#23
 Bromochloromethane
 Concen: 5.667 ug/L
 RT: 4.983 min Scan# 1133
 Delta R.T. -0.000 min
 Lab File: VU044622.D
 Acq: 10 Sep 2021 14:50

Tgt Ion:	128	Resp:	25785
Ion	Ratio	Lower	Upper
128	100		
49	187.9	141.4	262.6
130	124.5	94.3	175.1
51	61.8	51.4	77.0



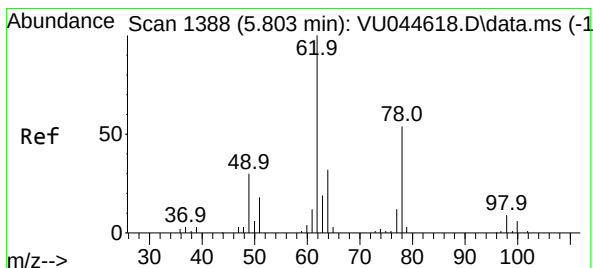
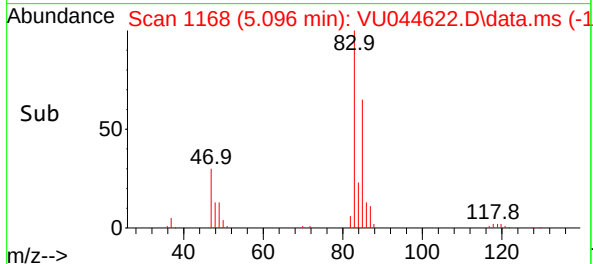
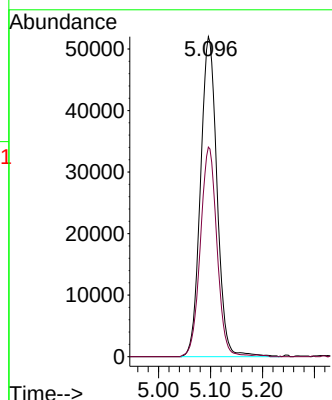
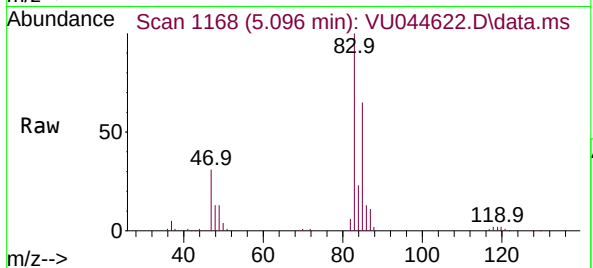


#25

Chloroform
Concen: 5.468 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VU044622.D
Acq: 10 Sep 2021 14:50

Instrument :
MSVOA_U
ClientSampleId :
VSTD005105

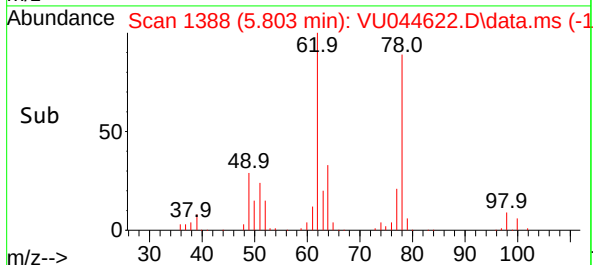
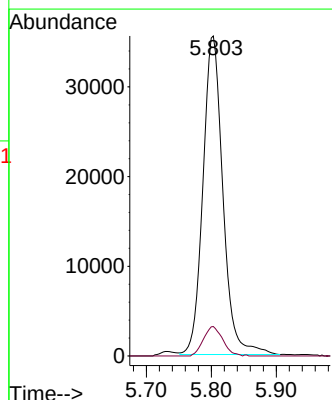
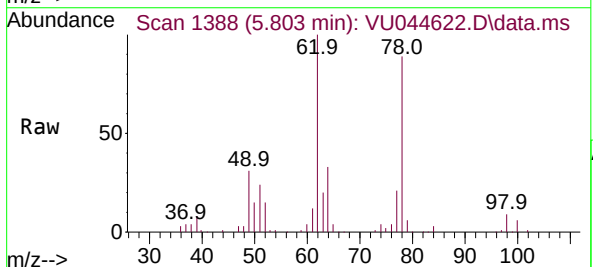
Tgt Ion: 83 Resp: 114768
Ion Ratio Lower Upper
83 100
85 65.5 44.2 82.0

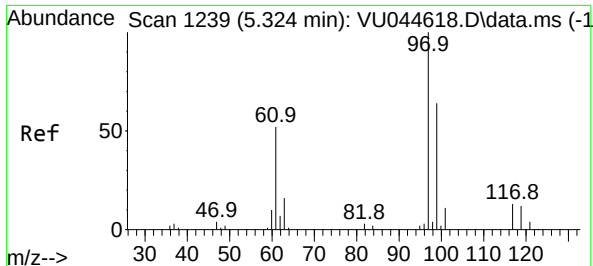


#27

1,2-Dichloroethane
Concen: 5.532 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VU044622.D
Acq: 10 Sep 2021 14:50

Tgt Ion: 62 Resp: 76030
Ion Ratio Lower Upper
62 100
98 9.2 6.6 10.0



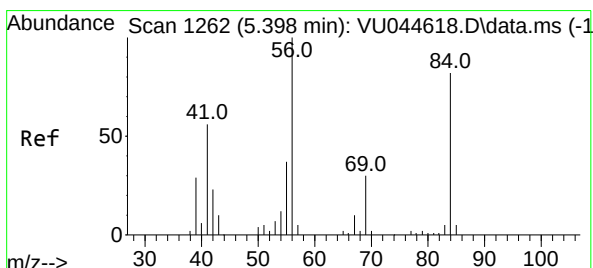
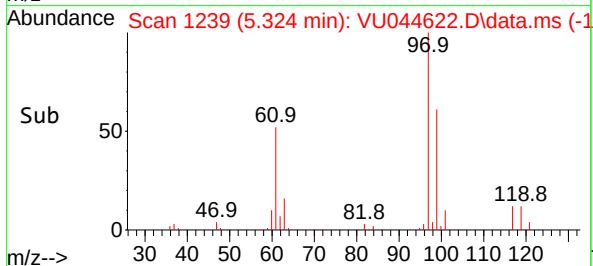
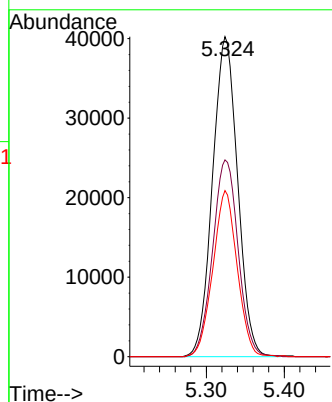
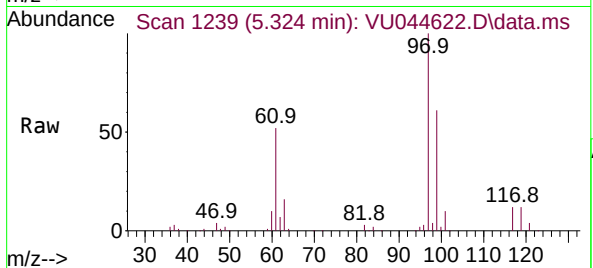


#29

1,1,1-Trichloroethane
Concen: 5.753 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VU044622.D
Acq: 10 Sep 2021 14:50

Instrument :
MSVOA_U
ClientSampled :
VSTD005105

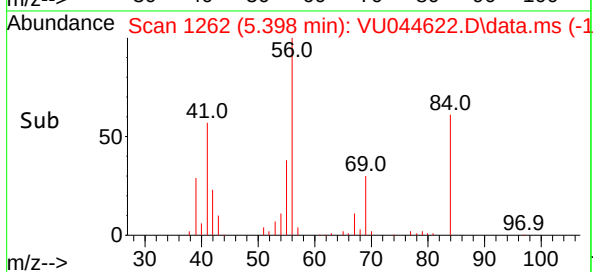
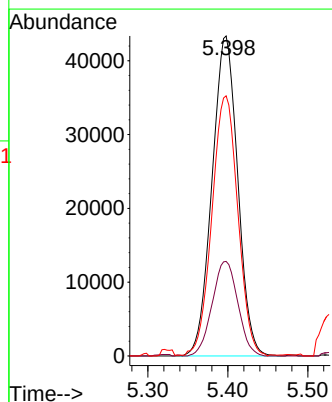
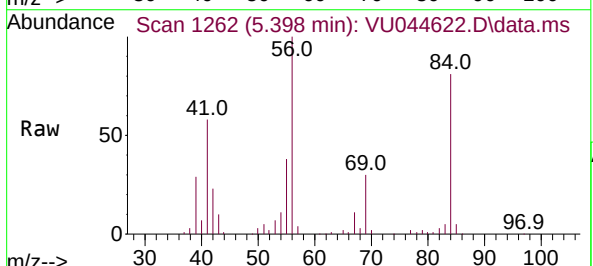
Tgt Ion:	97	Resp:	90045
Ion	Ratio	Lower	Upper
97	100		
99	62.5	50.7	76.1
61	50.2	40.6	60.8

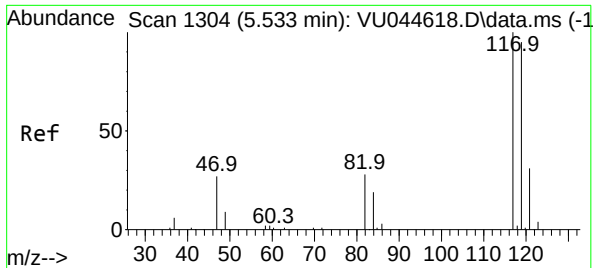


#30

Cyclohexane
Concen: 5.386 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VU044622.D
Acq: 10 Sep 2021 14:50

Tgt Ion:	56	Resp:	96553
Ion	Ratio	Lower	Upper
56	100		
69	29.6	23.4	35.2
84	82.1	65.5	98.3

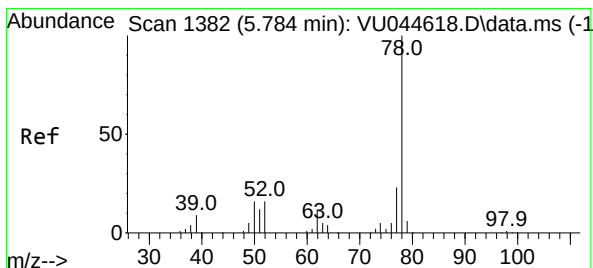
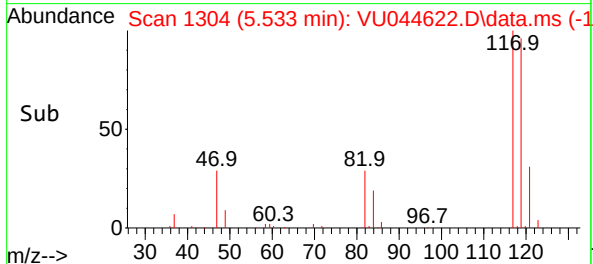
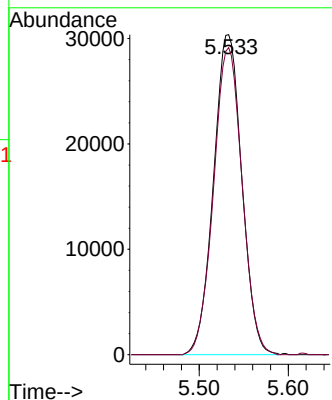
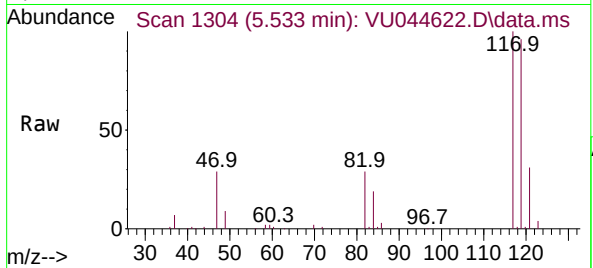




#31
Carbon tetrachloride
Concen: 5.476 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU044622.D
Acq: 10 Sep 2021 14:50

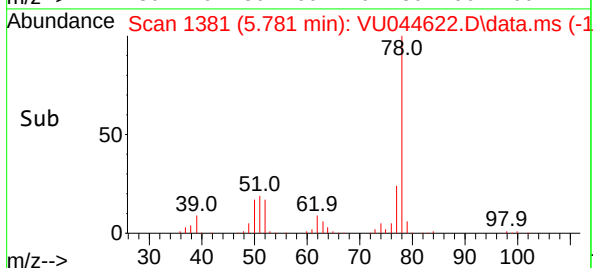
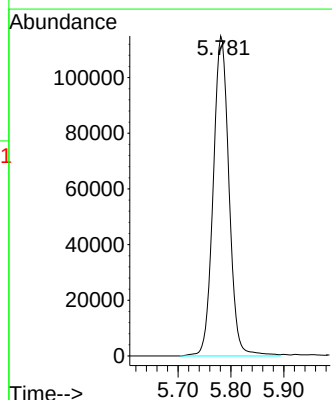
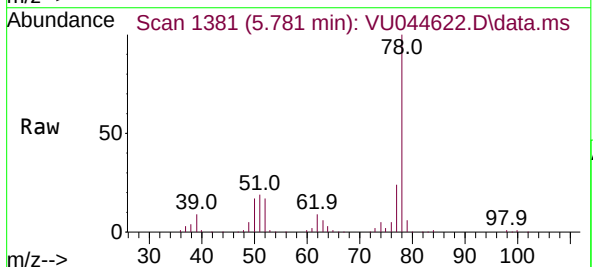
Instrument :
MSVOA_U
ClientSampleId :
VSTD005105

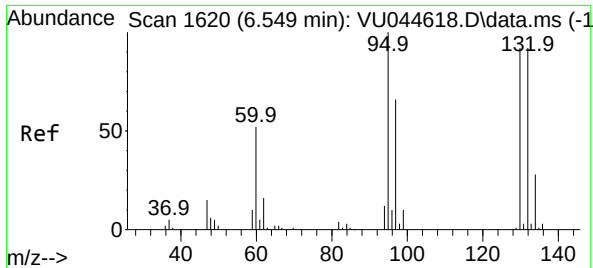
Tgt Ion:117 Resp: 67079
Ion Ratio Lower Upper
117 100
119 96.8 76.4 114.6



#33
Benzene
Concen: 5.616 ug/L
RT: 5.781 min Scan# 1381
Delta R.T. -0.003 min
Lab File: VU044622.D
Acq: 10 Sep 2021 14:50

Tgt Ion: 78 Resp: 239429



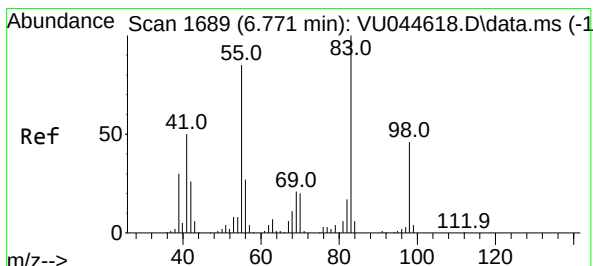
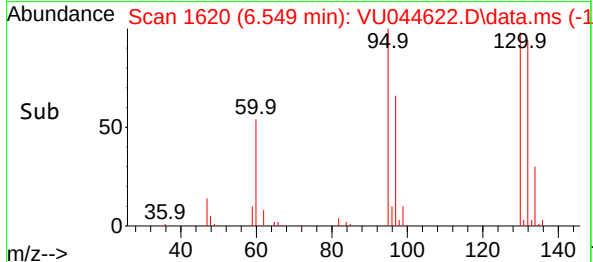
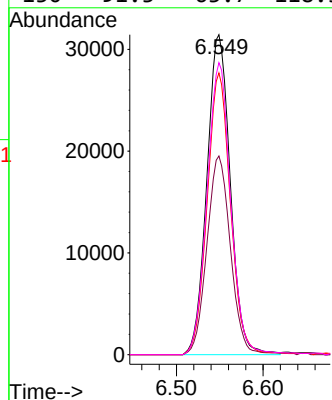
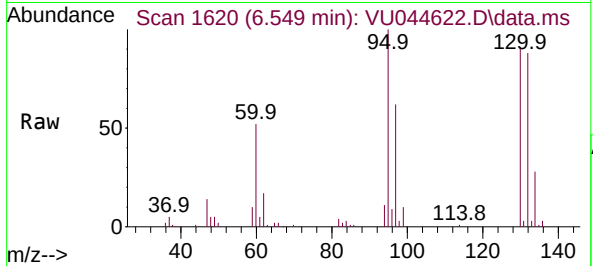


#34
Trichloroethene
Concen: 5.613 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU044622.D
Acq: 10 Sep 2021 14:50

Instrument :
MSVOA_U
ClientSampleId :
VSTD005105

Tgt Ion: 95 Resp: 59237

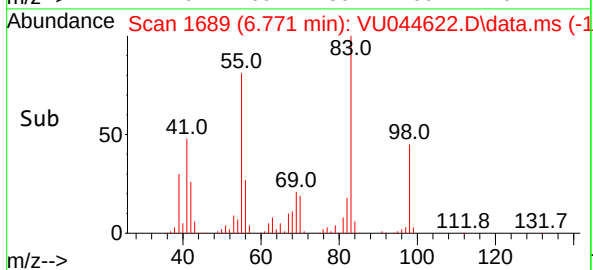
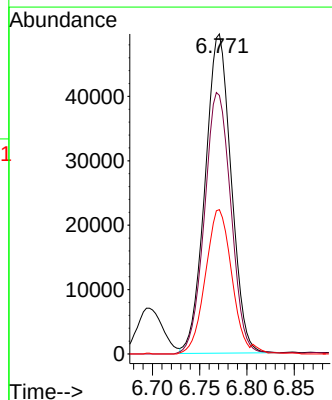
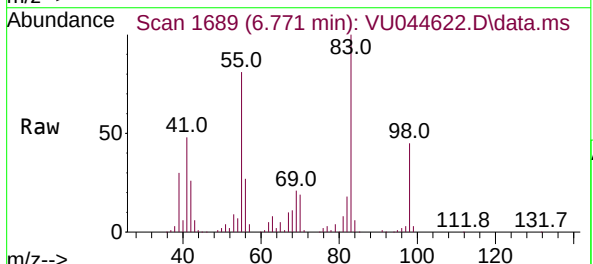
Ion	Ratio	Lower	Upper
95	100		
97	62.1	44.7	82.9
132	88.0	60.3	111.9
130	91.3	63.7	118.3

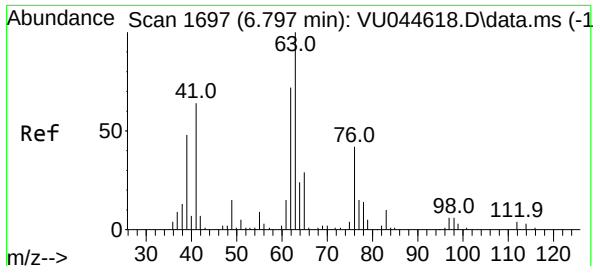


#35
Methylcyclohexane
Concen: 5.470 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VU044622.D
Acq: 10 Sep 2021 14:50

Tgt Ion: 83 Resp: 94866

Ion	Ratio	Lower	Upper
83	100		
55	83.5	68.3	102.5
98	46.2	37.3	55.9

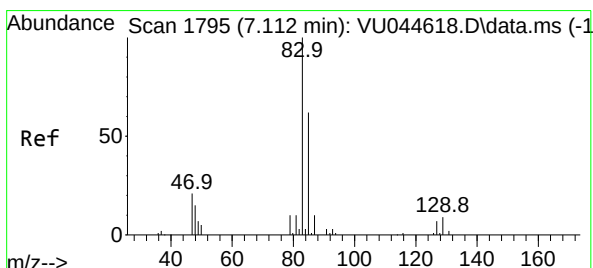
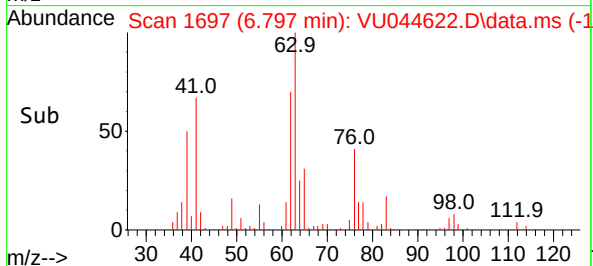
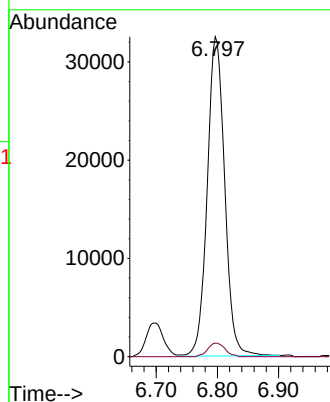
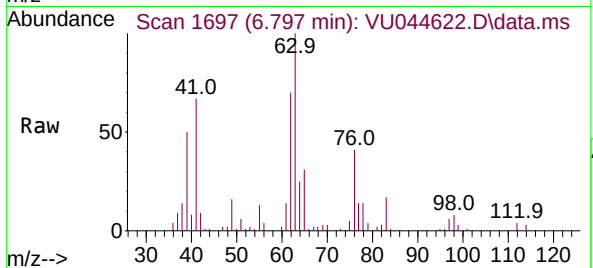




#37
1,2-Dichloropropane
Concen: 5.637 ug/L
RT: 6.797 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VU044622.D
Acq: 10 Sep 2021 14:50

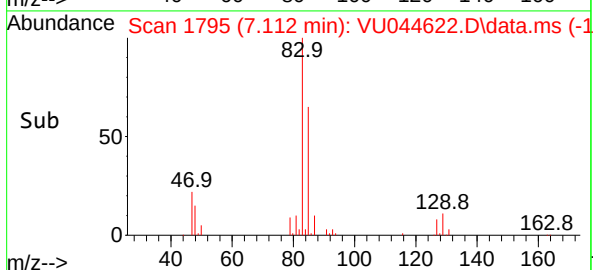
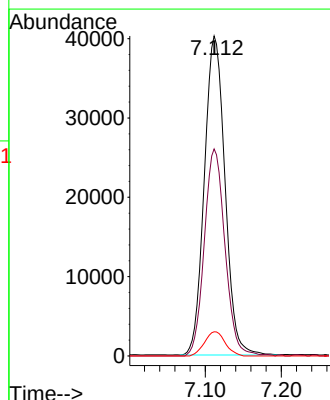
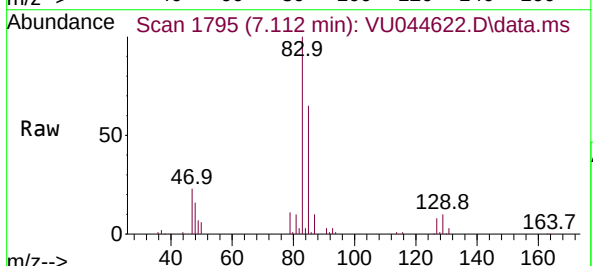
Instrument :
MSVOA_U
ClientSampleId :
VSTD005105

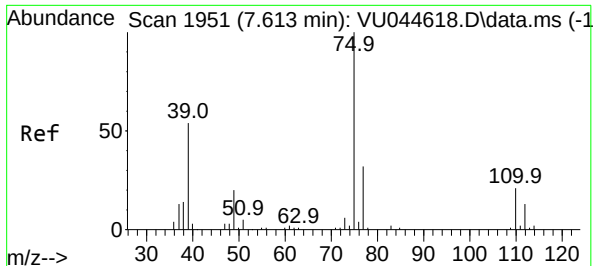
Tgt Ion: 63 Resp: 64389
Ion Ratio Lower Upper
63 100
112 4.3 3.1 4.7



#38
Bromodichloromethane
Concen: 5.484 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VU044622.D
Acq: 10 Sep 2021 14:50

Tgt Ion: 83 Resp: 75957
Ion Ratio Lower Upper
83 100
85 64.7 46.3 86.1
127 7.6 6.0 9.0



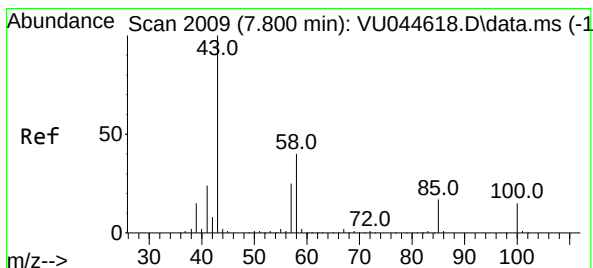
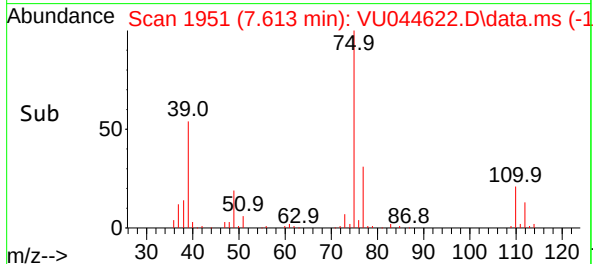
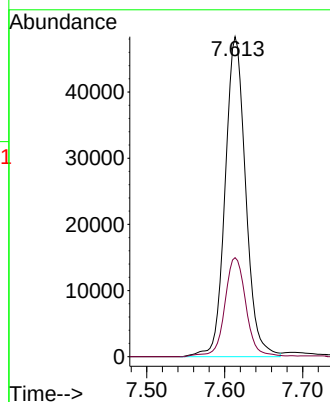
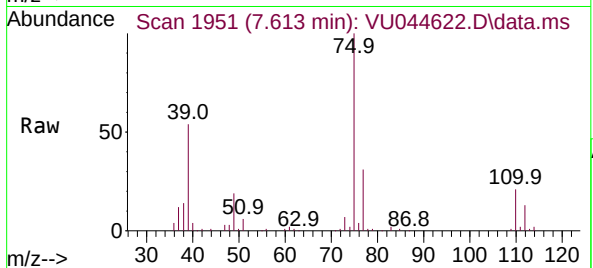


#39

cis-1,3-Dichloropropene
 Concen: 5.470 ug/L
 RT: 7.613 min Scan# 1951
 Delta R.T. -0.000 min
 Lab File: VU044622.D
 Acq: 10 Sep 2021 14:50

Instrument :
 MSVOA_U
 ClientSampled :
 VSTD005105

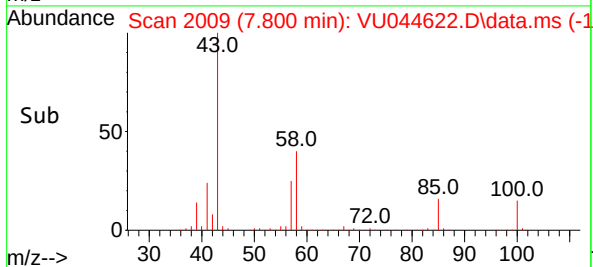
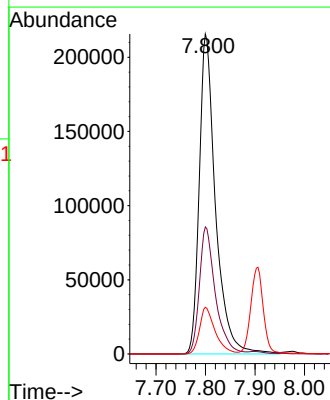
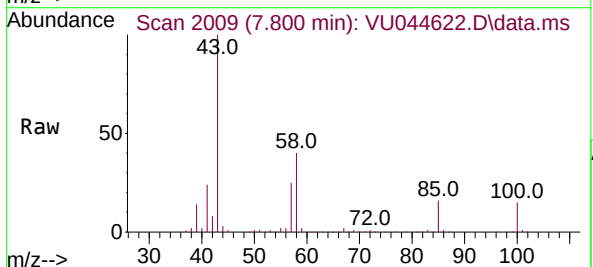
Tgt Ion: 75 Resp: 88520
 Ion Ratio Lower Upper
 75 100
 77 31.0 21.5 39.9

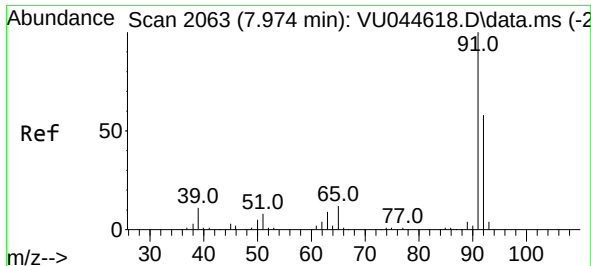


#40

4-Methyl-2-pentanone
 Concen: 55.481 ug/L
 RT: 7.800 min Scan# 2009
 Delta R.T. -0.000 min
 Lab File: VU044622.D
 Acq: 10 Sep 2021 14:50

Tgt Ion: 43 Resp: 493321
 Ion Ratio Lower Upper
 43 100
 58 39.1 31.2 46.8
 100 14.0 11.4 17.0

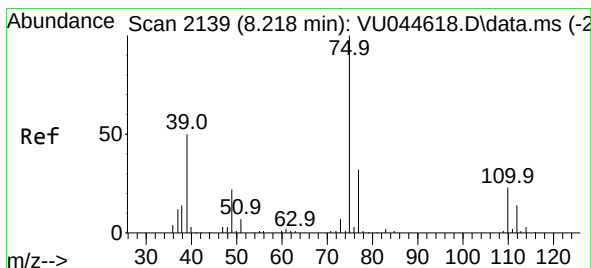
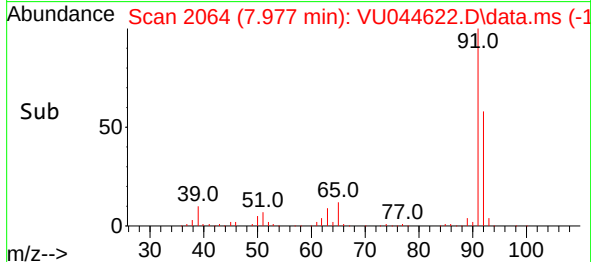
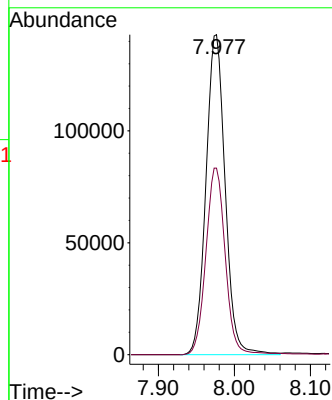
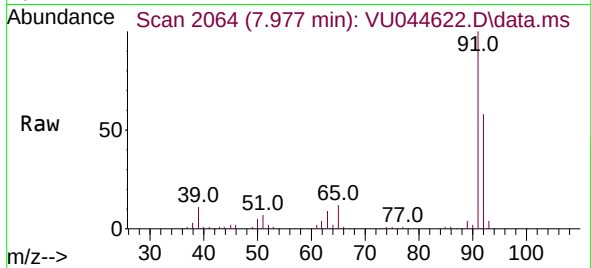




#42
Toluene
Concen: 5.629 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.003 min
Lab File: VU044622.D
Acq: 10 Sep 2021 14:50

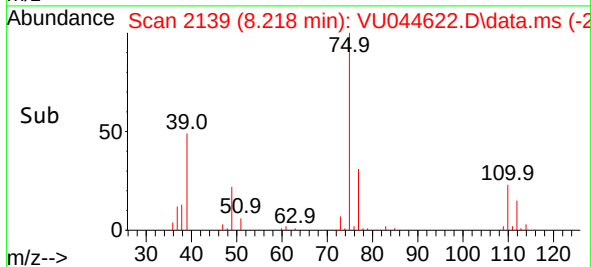
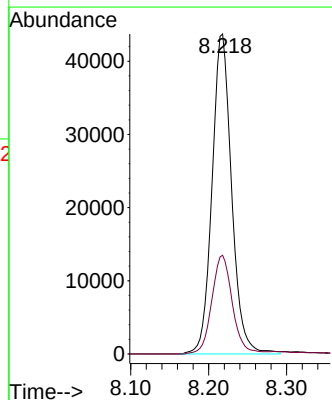
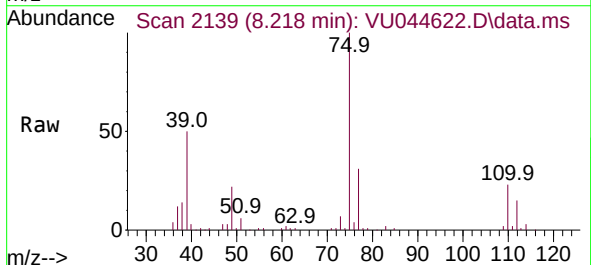
Instrument :
MSVOA_U
ClientSampleId :
VSTD005105

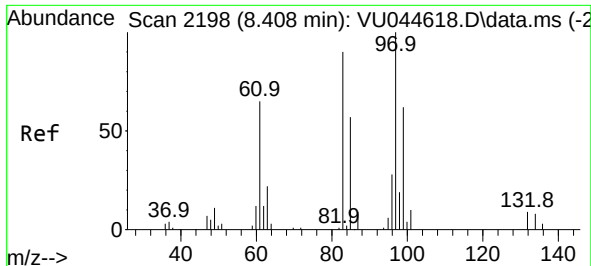
Tgt Ion: 91 Resp: 250615
Ion Ratio Lower Upper
91 100
92 58.3 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 5.527 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VU044622.D
Acq: 10 Sep 2021 14:50

Tgt Ion: 75 Resp: 76322
Ion Ratio Lower Upper
75 100
77 30.9 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 5.690 ug/L

RT: 8.407 min Scan# 2198

Delta R.T. -0.000 min

Lab File: VU044622.D

Acq: 10 Sep 2021 14:50

Tgt Ion: 97 Resp: 46214

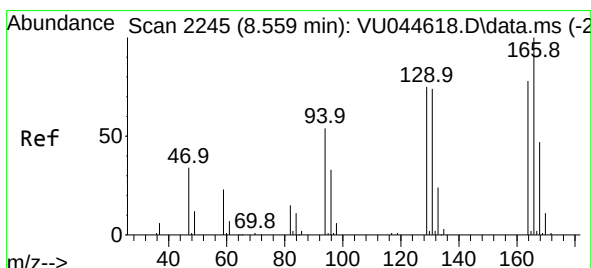
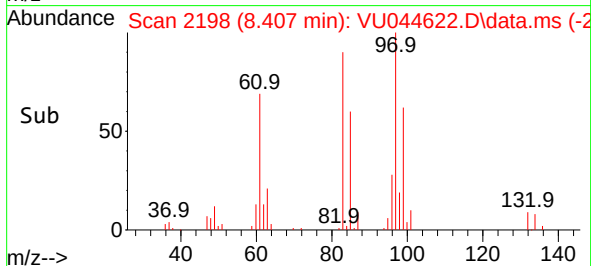
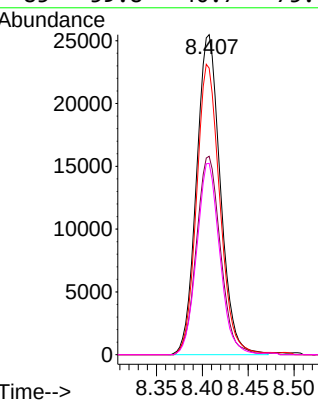
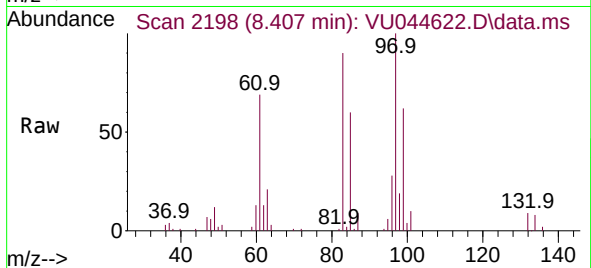
Ion Ratio Lower Upper

97 100

99 62.0 44.8 83.2

83 89.5 63.6 118.0

85 59.8 40.7 75.7



#47

Tetrachloroethene

Concen: 5.627 ug/L

RT: 8.559 min Scan# 2245

Delta R.T. -0.000 min

Lab File: VU044622.D

Acq: 10 Sep 2021 14:50

Tgt Ion: 164 Resp: 41234

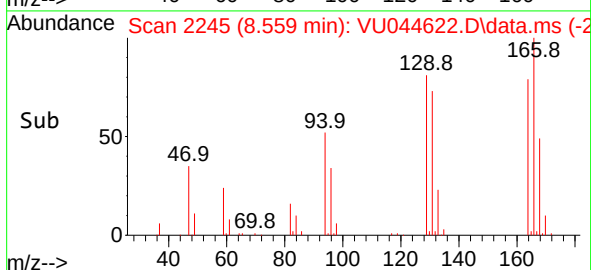
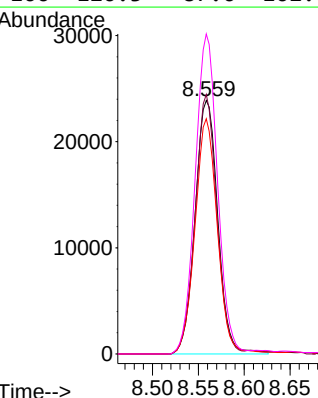
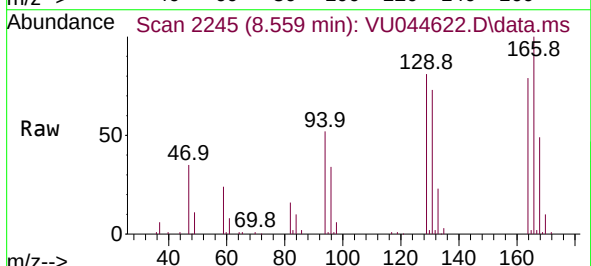
Ion Ratio Lower Upper

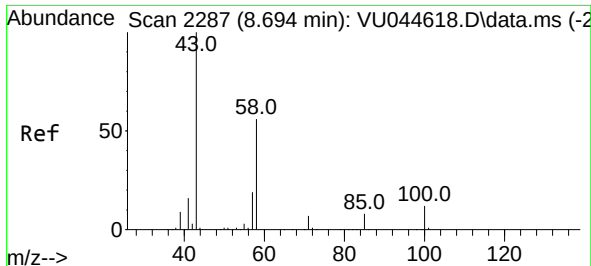
164 100

129 102.4 67.0 124.4

131 92.8 65.2 121.0

166 126.3 87.6 162.8

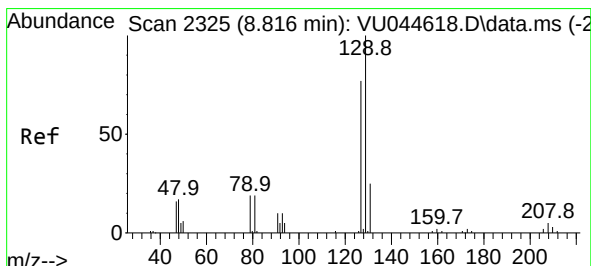
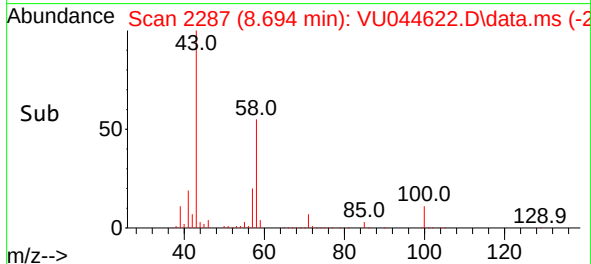
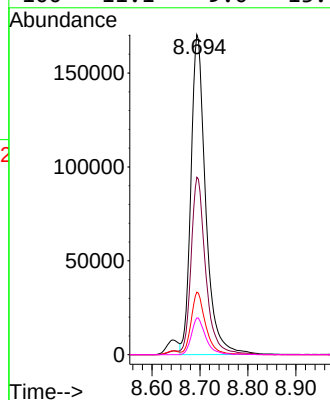
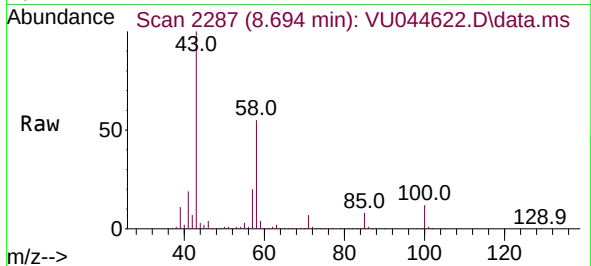




#48
2-Hexanone
Concen: 54.935 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VU044622.D
Acq: 10 Sep 2021 14:50

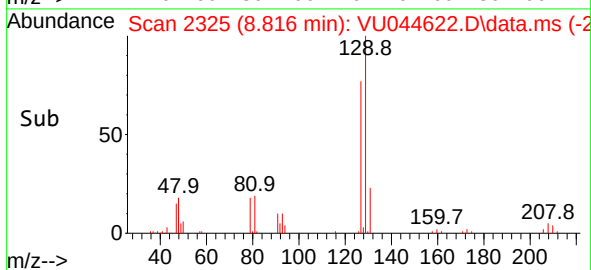
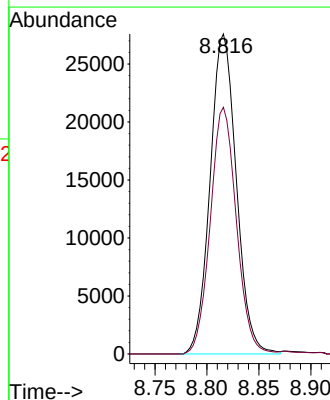
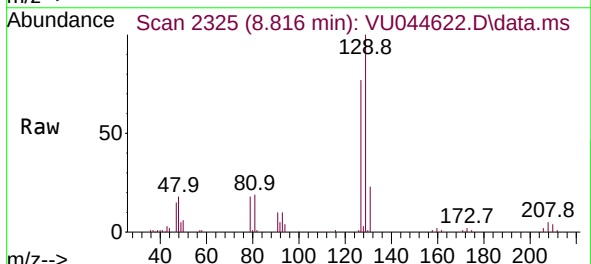
Instrument :
MSVOA_U
ClientSampleId :
VSTD005105

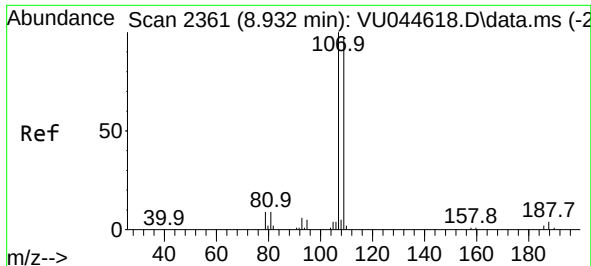
Tgt Ion:	43	Resp:	363578
Ion	Ratio	Lower	Upper
43	100		
58	55.2	44.6	66.8
57	19.4	14.8	22.2
100	11.1	9.0	13.4



#49
Dibromochloromethane
Concen: 5.685 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.000 min
Lab File: VU044622.D
Acq: 10 Sep 2021 14:50

Tgt Ion:	129	Resp:	48509
Ion	Ratio	Lower	Upper
129	100		
127	77.1	53.3	99.1





#50

1,2-Dibromoethane

Concen: 5.670 ug/L

RT: 8.928 min Scan# 2360

Delta R.T. -0.003 min

Lab File: VU044622.D

Acq: 10 Sep 2021 14:50

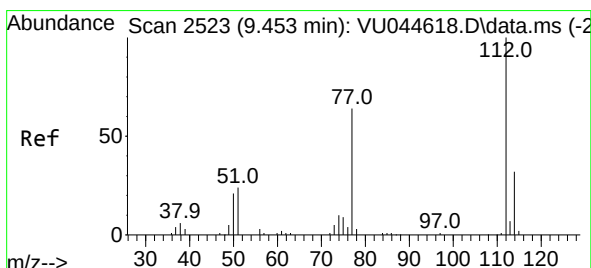
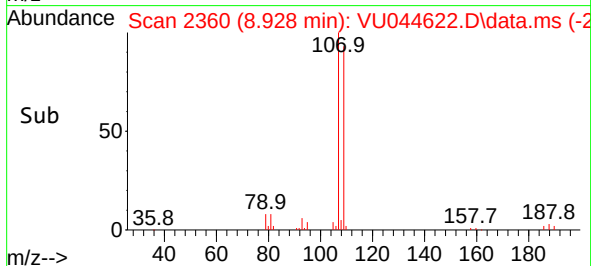
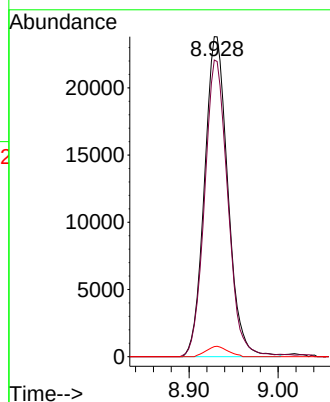
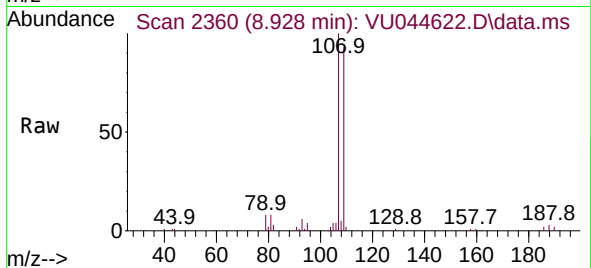
Instrument :

MSVOA_U

ClientSampleId :

VSTD005105

Tgt Ion:	107	Resp:	43357
Ion	Ratio	Lower	Upper
107	100		
109	92.7	65.5	121.7
188	3.2	3.0	4.4



#51

Chlorobenzene

Concen: 5.515 ug/L

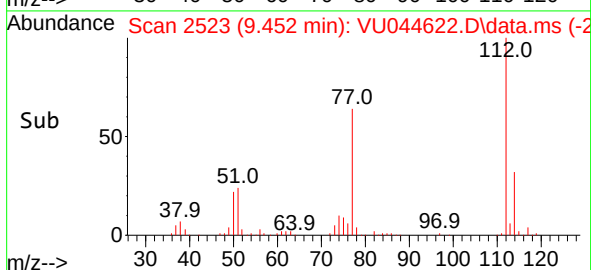
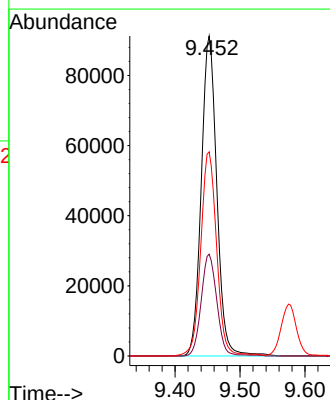
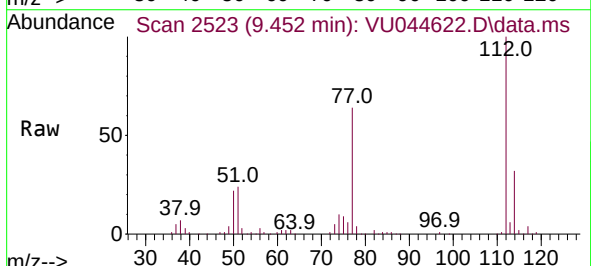
RT: 9.452 min Scan# 2523

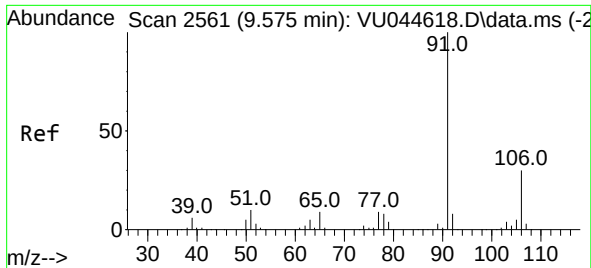
Delta R.T. -0.000 min

Lab File: VU044622.D

Acq: 10 Sep 2021 14:50

Tgt Ion:	112	Resp:	152227
Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.8	42.4
77	63.8	51.4	77.0

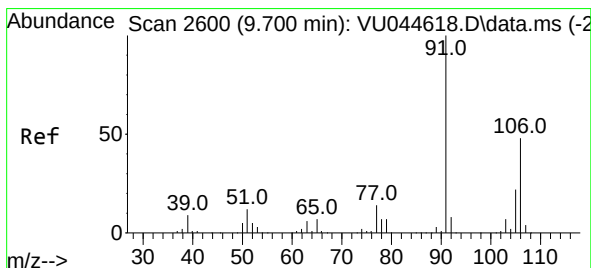
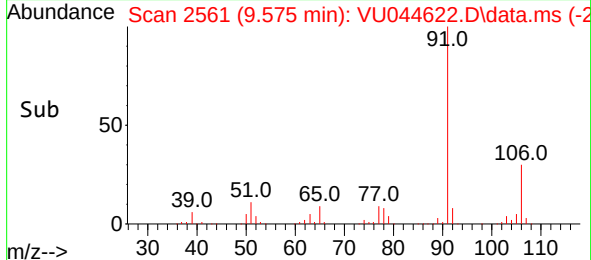
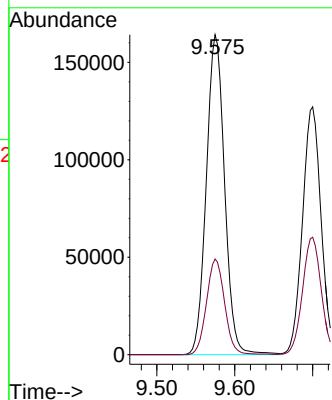
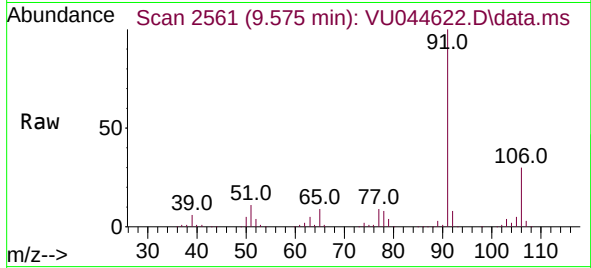




#52
Ethylbenzene
Concen: 5.555 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU044622.D
Acq: 10 Sep 2021 14:50

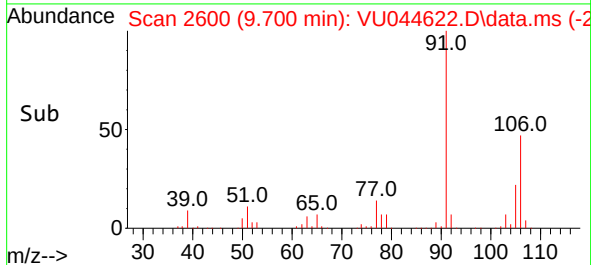
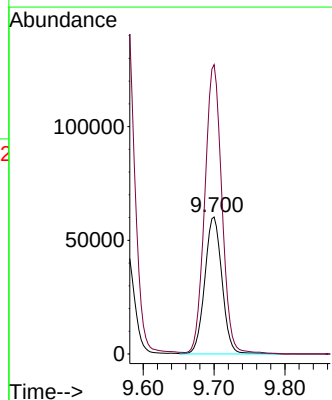
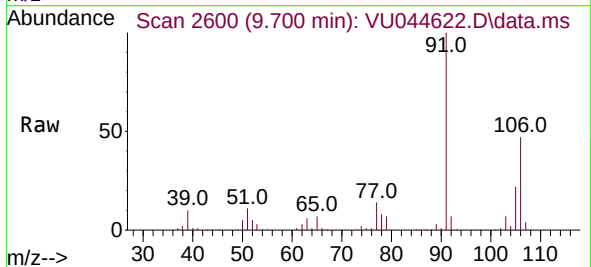
Instrument :
MSVOA_U
ClientSampleId :
VSTD005105

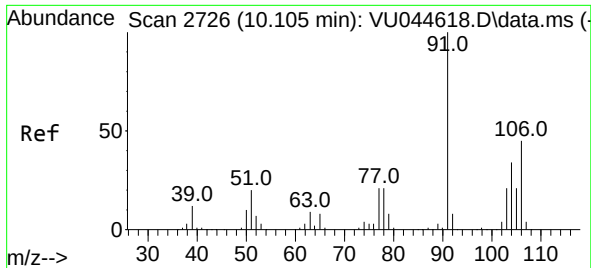
Tgt Ion: 91 Resp: 267898
Ion Ratio Lower Upper
91 100
106 29.9 21.1 39.1



#53
m,p-Xylene
Concen: 5.542 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU044622.D
Acq: 10 Sep 2021 14:50

Tgt Ion: 106 Resp: 101630
Ion Ratio Lower Upper
106 100
91 211.1 144.6 268.6

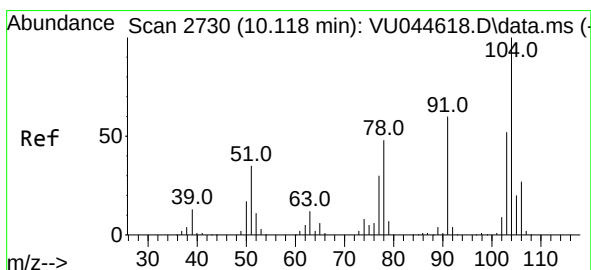
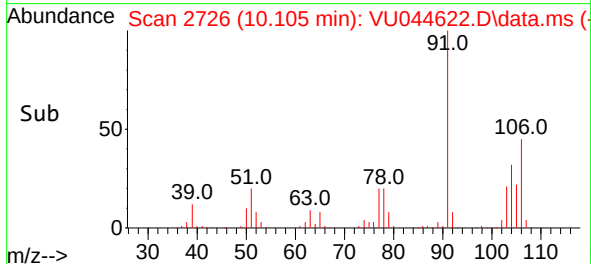
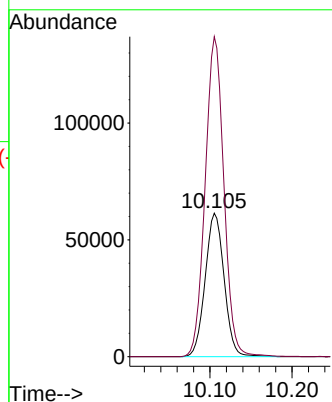
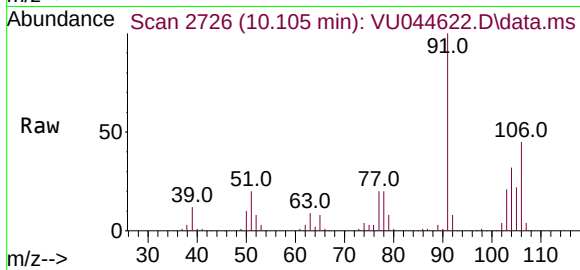




#54
o-Xylene
Concen: 5.622 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU044622.D
Acq: 10 Sep 2021 14:50

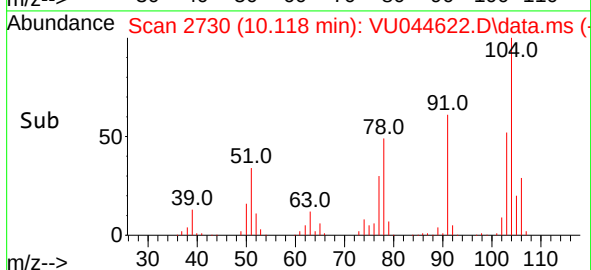
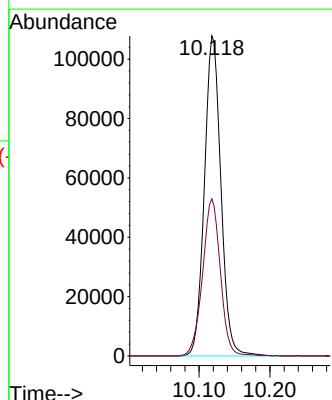
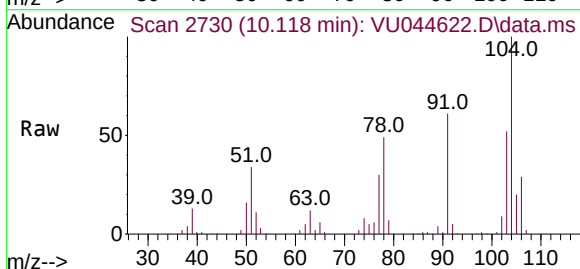
Instrument :
MSVOA_U
ClientSampleId :
VSTD005105

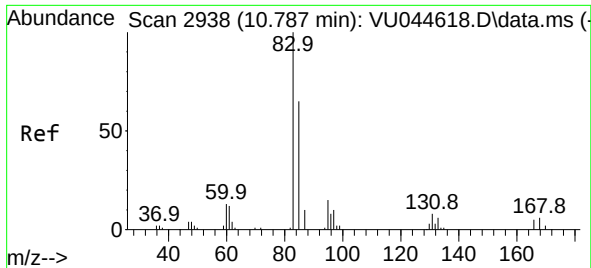
Tgt Ion:106 Resp: 98482
Ion Ratio Lower Upper
106 100
91 222.9 156.2 290.0



#55
Styrene
Concen: 5.696 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU044622.D
Acq: 10 Sep 2021 14:50

Tgt Ion:104 Resp: 174664
Ion Ratio Lower Upper
104 100
78 49.1 33.6 62.4

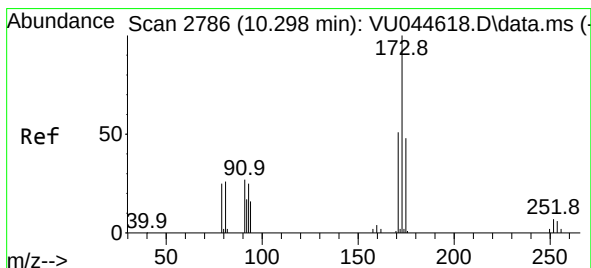
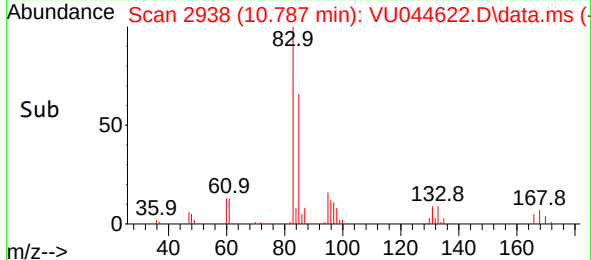
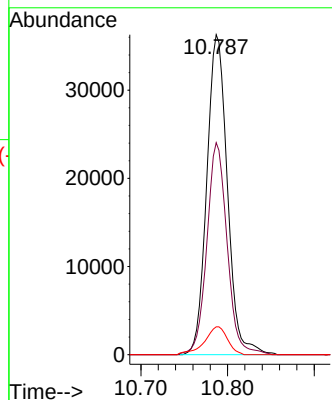
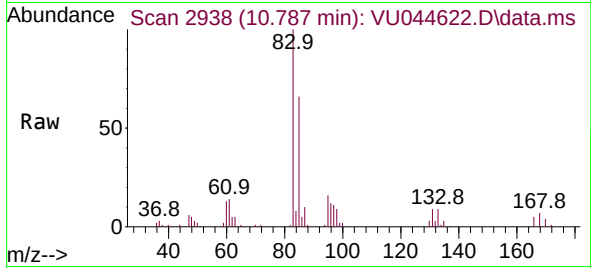




#57
1,1,2,2-Tetrachloroethane
Concen: 5.493 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU044622.D
Acq: 10 Sep 2021 14:50

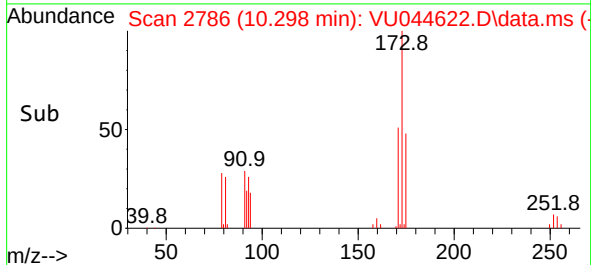
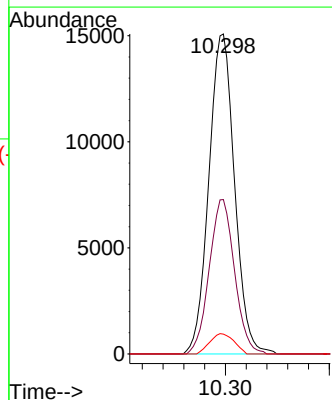
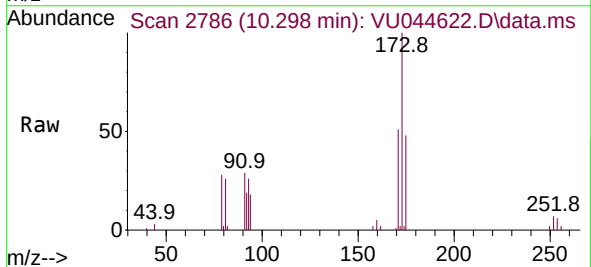
Instrument :
MSVOA_U
ClientSampleId :
VSTD005105

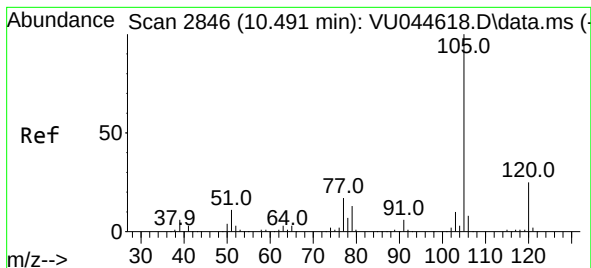
Tgt Ion:	83	Resp:	59904
Ion	Ratio	Lower	Upper
83	100		
85	66.3	44.5	82.7
131	8.7	6.6	10.0



#59
Bromoform
Concen: 5.563 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VU044622.D
Acq: 10 Sep 2021 14:50

Tgt Ion:	173	Resp:	25891
Ion	Ratio	Lower	Upper
173	100		
175	47.5	38.8	58.2
254	6.0	4.9	7.3





#60

Isopropylbenzene

Concen: 5.581 ug/L

RT: 10.488 min Scan# 2845

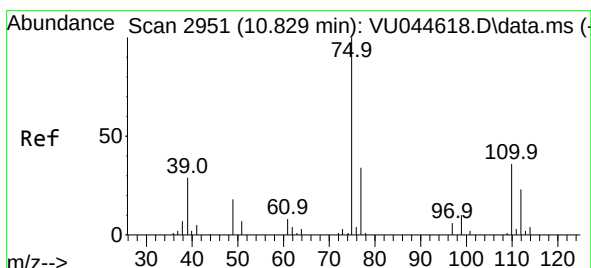
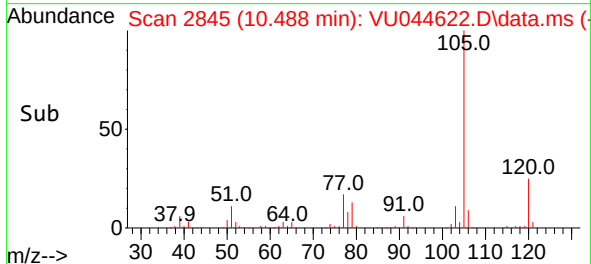
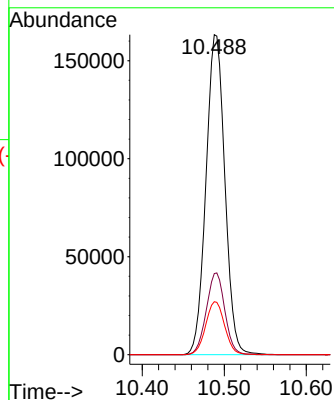
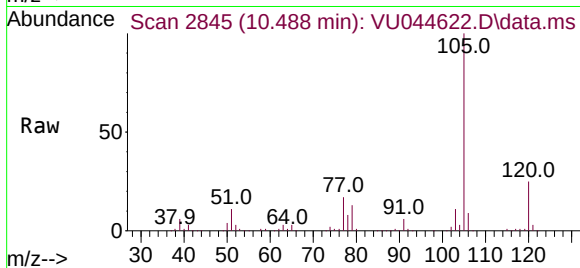
Delta R.T. -0.003 min

Lab File: VU044622.D

Acq: 10 Sep 2021 14:50

Tgt Ion:	105	Resp:	261592
Ion Ratio	Lower	Upper	
105	100		
120	25.1	20.2	30.2
77	16.6	13.6	20.4

Instrument :
MSVOA_U
ClientSampleId :
VSTD005105



#61

1,2,3-Trichloropropane

Concen: 5.459 ug/L

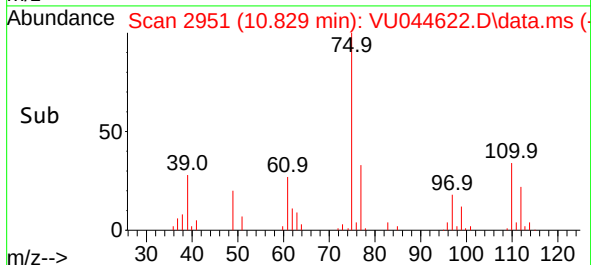
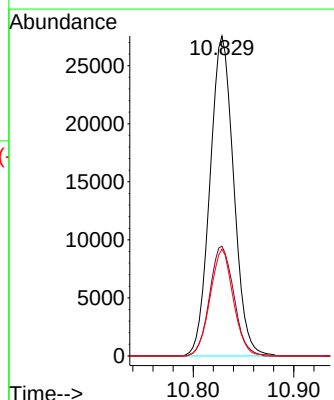
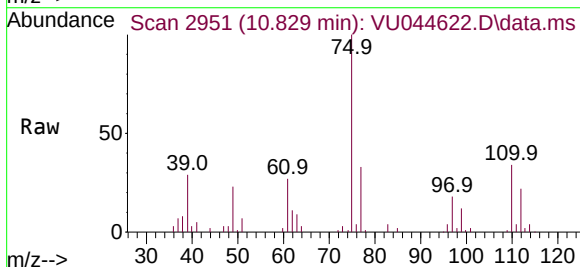
RT: 10.829 min Scan# 2951

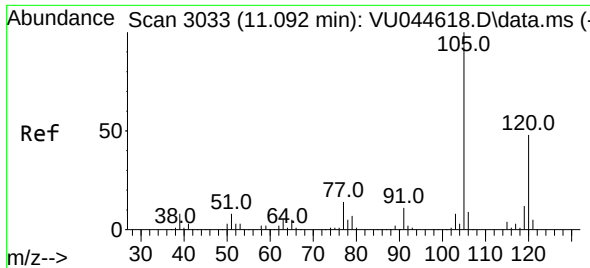
Delta R.T. -0.000 min

Lab File: VU044622.D

Acq: 10 Sep 2021 14:50

Tgt Ion:	75	Resp:	45166
Ion Ratio	Lower	Upper	
75	100		
110	35.0	28.8	43.2
77	32.7	25.9	38.9

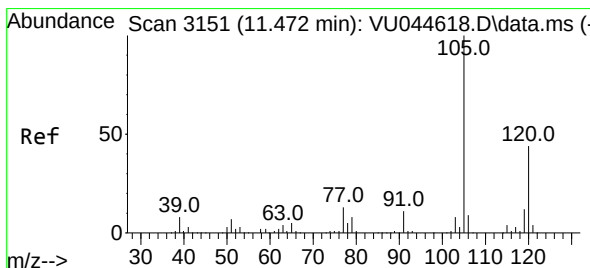
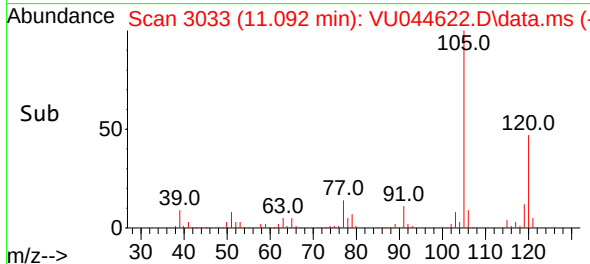
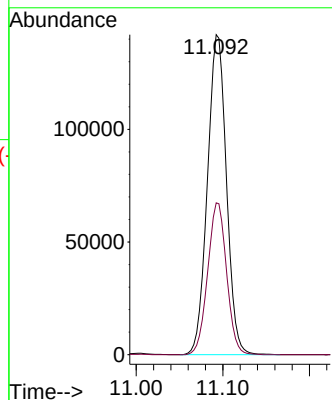
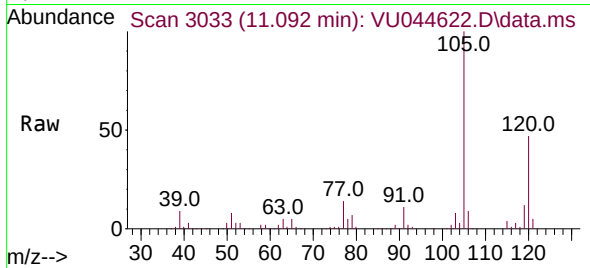




#62
1,3,5-Trimethylbenzene
Concen: 5.564 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU044622.D
Acq: 10 Sep 2021 14:50

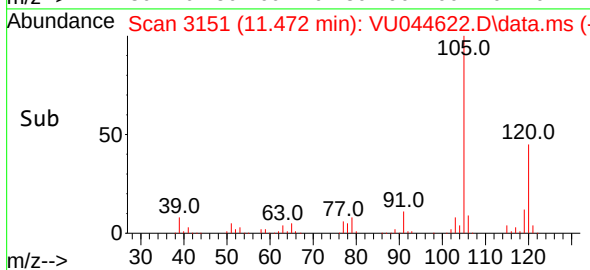
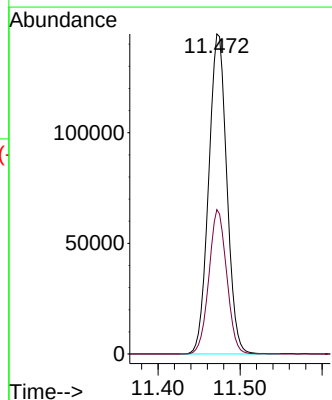
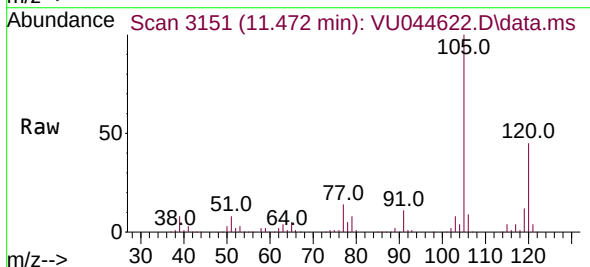
Instrument :
MSVOA_U
ClientSampleId :
VSTD005105

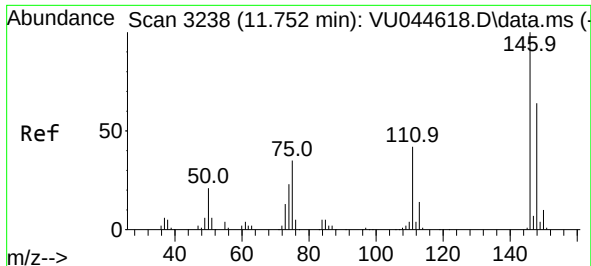
Tgt Ion:105 Resp: 216574
Ion Ratio Lower Upper
105 100
120 47.1 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 5.572 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU044622.D
Acq: 10 Sep 2021 14:50

Tgt Ion:105 Resp: 222757
Ion Ratio Lower Upper
105 100
120 44.1 35.4 53.2

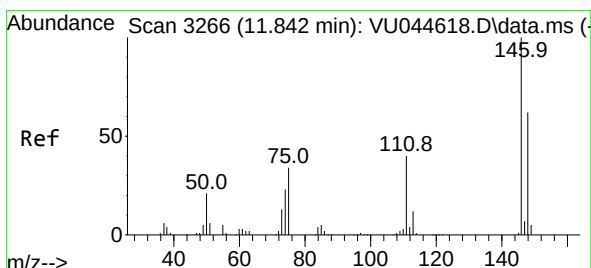
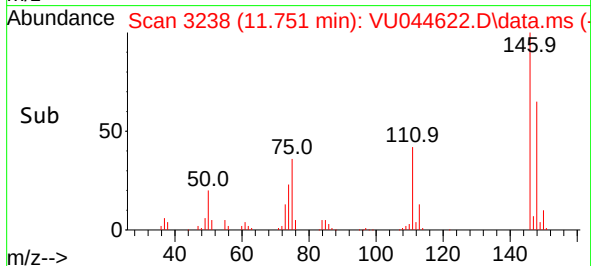
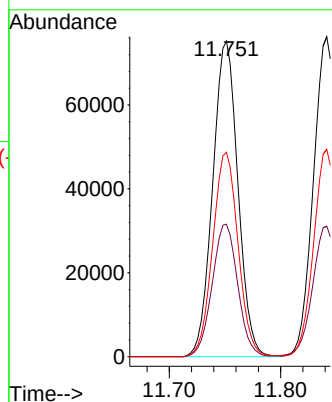
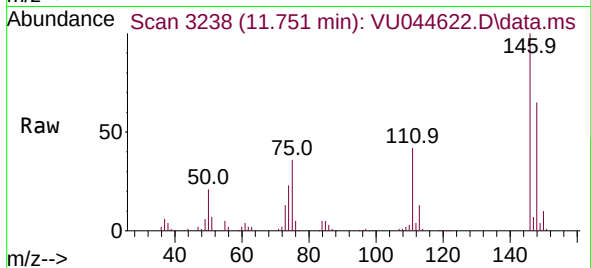




#64
1,3-Dichlorobenzene
Concen: 5.416 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.000 min
Lab File: VU044622.D
Acq: 10 Sep 2021 14:50

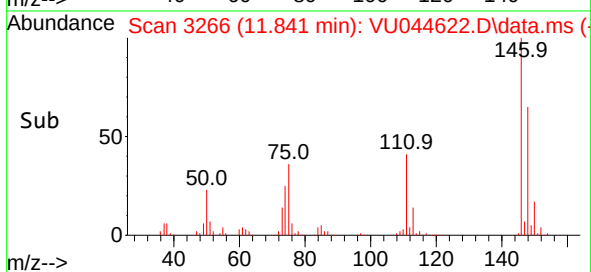
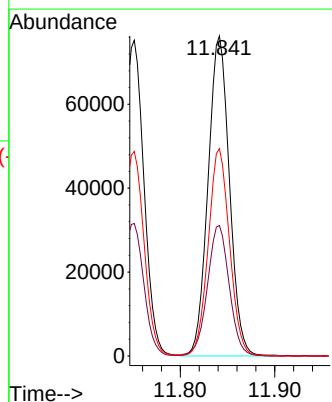
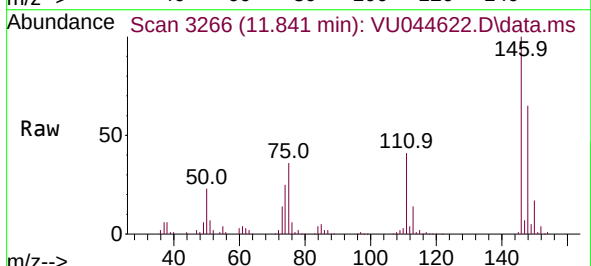
Instrument :
MSVOA_U
ClientSampleId :
VSTD005105

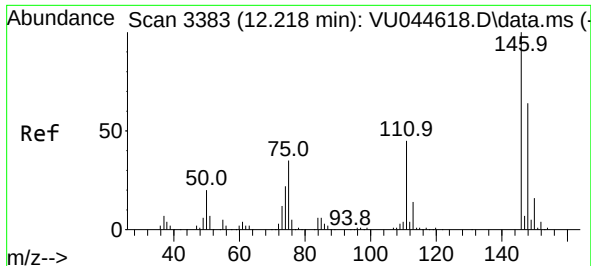
Tgt Ion:146 Resp: 118371
Ion Ratio Lower Upper
146 100
111 41.9 29.8 55.4
148 64.8 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 5.313 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.000 min
Lab File: VU044622.D
Acq: 10 Sep 2021 14:50

Tgt Ion:146 Resp: 119788
Ion Ratio Lower Upper
146 100
111 40.8 28.7 53.3
148 64.8 45.4 84.4

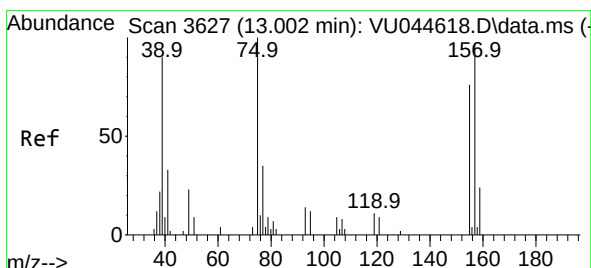
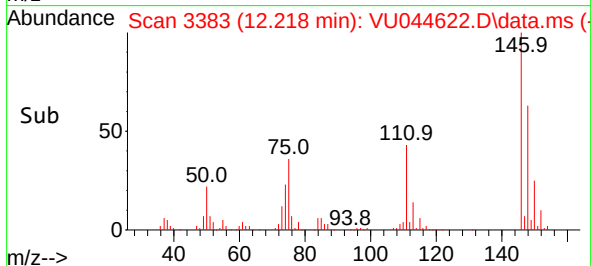
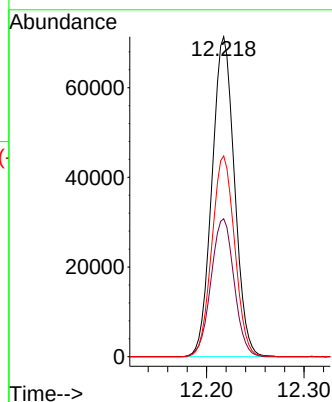
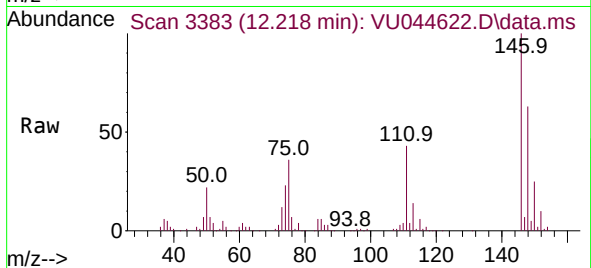




#67
1,2-Dichlorobenzene
Concen: 5.528 ug/L
RT: 12.218 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU044622.D
Acq: 10 Sep 2021 14:50

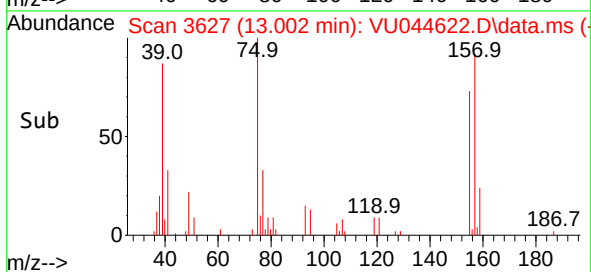
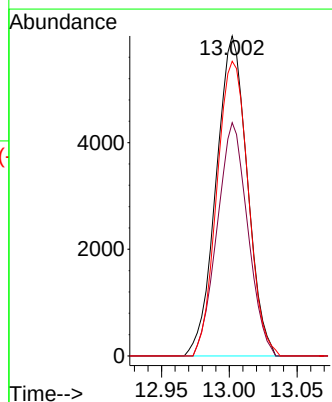
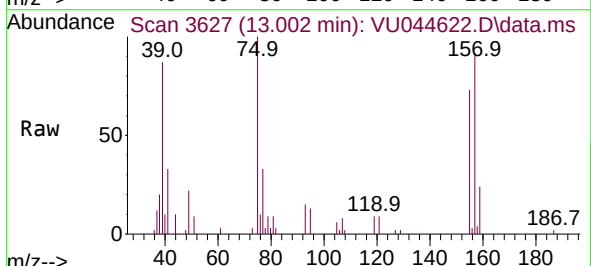
Instrument :
MSVOA_U
ClientSampleId :
VSTD005105

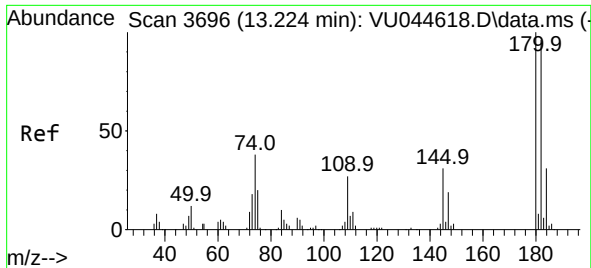
Tgt Ion:146 Resp: 114680
Ion Ratio Lower Upper
146 100
111 43.1 34.6 51.8
148 62.7 51.3 76.9



#68
1,2-Dibromo-3-chloropropane
Concen: 5.275 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. -0.000 min
Lab File: VU044622.D
Acq: 10 Sep 2021 14:50

Tgt Ion: 75 Resp: 9599
Ion Ratio Lower Upper
75 100
155 72.9 54.0 81.0
157 92.1 65.4 98.2

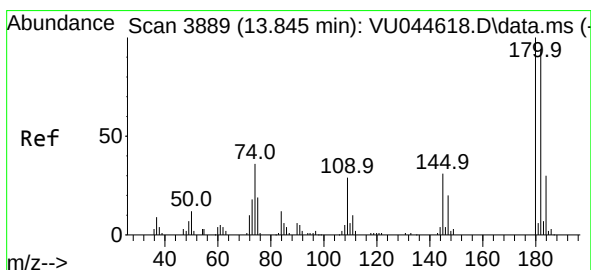
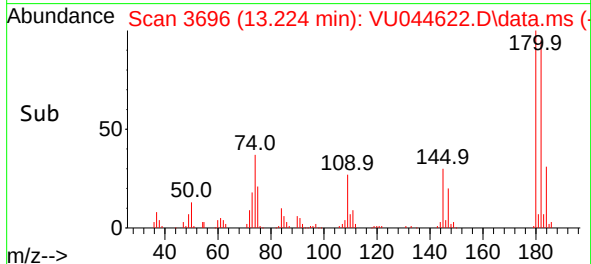
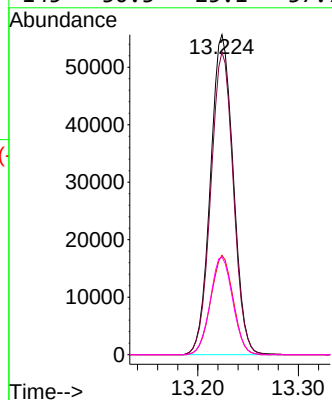
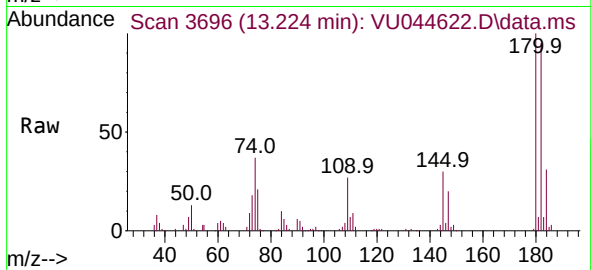




#69
 1,3,5-Trichlorobenzene
 Concen: 5.272 ug/L
 RT: 13.224 min Scan# 3696
 Delta R.T. -0.000 min
 Lab File: VU044622.D
 Acq: 10 Sep 2021 14:50

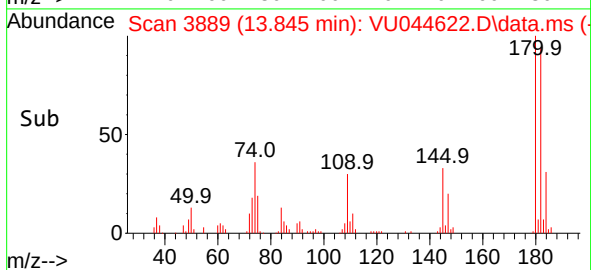
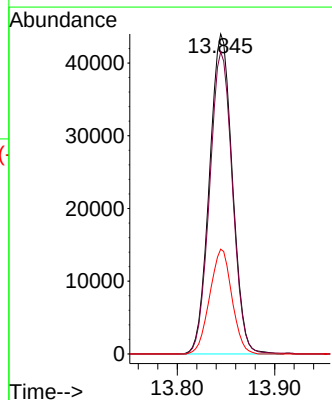
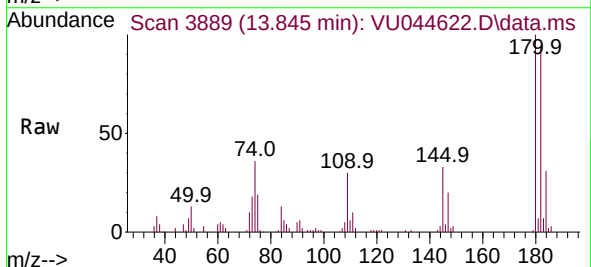
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005105

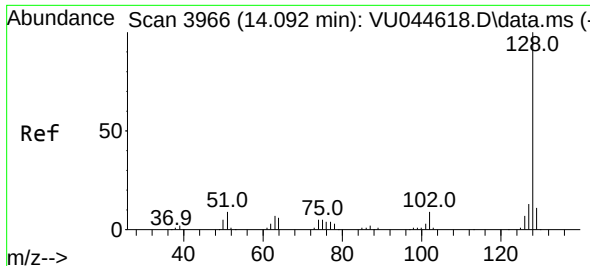
Tgt Ion:	180	Resp:	87594
Ion Ratio	Lower	Upper	
180	100		
182	93.5	76.9	115.3
184	30.5	24.1	36.1
145	30.3	25.1	37.7



#70
 1,2,4-trichlorobenzene
 Concen: 5.131 ug/L
 RT: 13.845 min Scan# 3889
 Delta R.T. -0.000 min
 Lab File: VU044622.D
 Acq: 10 Sep 2021 14:50

Tgt Ion:	180	Resp:	71901
Ion Ratio	Lower	Upper	
180	100		
182	93.9	75.4	113.0
145	31.6	25.2	37.8

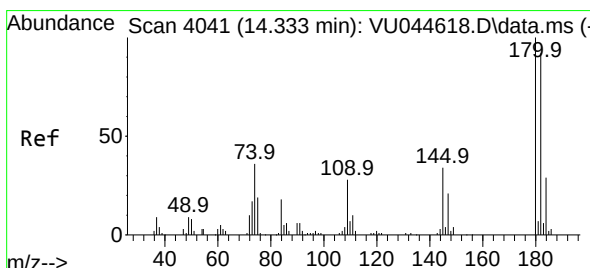
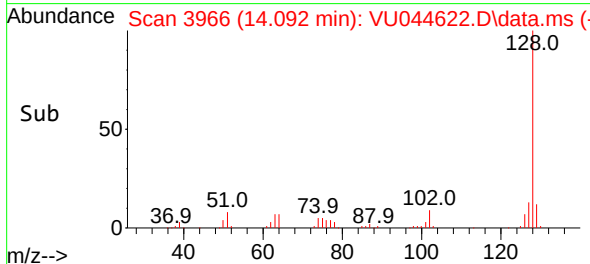
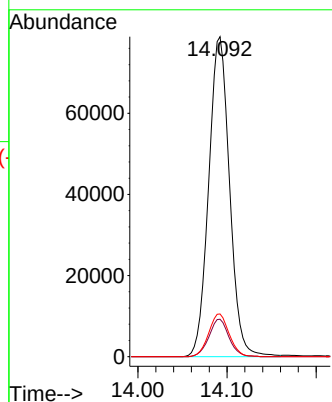
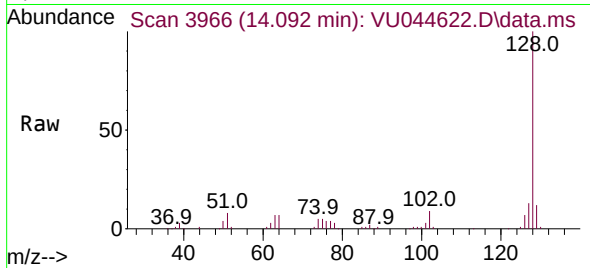




#71
Naphthalene
Concen: 4.690 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. -0.000 min
Lab File: VU044622.D
Acq: 10 Sep 2021 14:50

Instrument :
MSVOA_U
ClientSampleId :
VSTD005105

Tgt Ion:128 Resp: 128247
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.1 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.172 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VU044622.D
Acq: 10 Sep 2021 14:50

Tgt Ion:180 Resp: 66723
Ion Ratio Lower Upper
180 100
182 93.4 75.9 113.9
145 33.0 27.0 40.6

