

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030121\
 Data File : VU042464.D
 Acq On : 01 Mar 2021 16:59
 Operator : SY/MD
 Sample : M1344-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT2-2021-04

Manual Integrations
 APPROVED

MMDadoda
 3/3/2021 3:48:26 PM

Quant Time: Mar 02 14:48:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 02 14:41:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	95636	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	90887	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	49239	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	18635	4.59	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	91.80%		
7) Chloroethane-d5	1.919	69	20343	4.78	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	95.60%		
11) 1,1-Dichloroethene-d2	2.571	65	12673	4.90	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	98.00%		
20) 2-Butanone-d5	4.649	46	105540	43.62	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	87.24%		
24) Chloroform-d	5.073	84	59554	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	93.60%		
26) 1,2-Dichloroethane-d4	5.713	65	38479	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	96.20%		
32) Benzene-d6	5.739	84	110274	5.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	102.20%		
36) 1,2-Dichloropropane-d6	6.700	67	36594	4.84	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	96.80%		
41) Toluene-d8	7.906	98	98476	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	93.40%		
43) trans-1,3-Dichloroprop...	8.189	79	13934	4.53	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	90.60%		
46) 2-Hexanone-d5	8.648	63	82415	48.85	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	97.70%		
56) 1,1,2,2-Tetrachloroeth...	10.767	84	31978	4.65	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	93.00%		
66) 1,2-Dichlorobenzene-d4	12.205	152	42127	4.92	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	98.40%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	2363	0.26	ug/L	94
3) Chloromethane	1.523	50	2654	0.32	ug/L	93
5) Vinyl chloride	1.607	62	2240	0.27	ug/L #	78
6) Bromomethane	1.861	94	1348	0.27	ug/L	97
8) Chloroethane	1.938	64	1365	0.27	ug/L	95
9) Trichlorofluoromethane	2.144	101	3345	0.25	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	2014	0.29	ug/L	98
12) 1,1-Dichloroethene	2.584	96	1851	0.28	ug/L #	1
13) Acetone	2.662	43	4369m	2.62	ug/L	
14) Carbon disulfide	2.800	76	5619	0.26	ug/L	99
15) Methyl Acetate	2.973	43	897	0.23	ug/L #	59
16) Methylene chloride	3.054	84	2819	0.38	ug/L	99
17) Methyl tert-butyl Ether	3.366	73	5190	0.27	ug/L	94
18) trans-1,2-Dichloroethene	3.362	96	1777	0.25	ug/L	94
19) 1,1-Dichloroethane	3.877	63	3573	0.26	ug/L	98
21) 2-Butanone	4.735	43	7520m	2.65	ug/L	
22) cis-1,2-Dichloroethene	4.681	96	1714	0.23	ug/L	88
23) Bromochloromethane	4.986	128	925	0.26	ug/L #	84
25) Chloroform	5.096	83	3973	0.28	ug/L	86

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030121\
 Data File : VU042464.D
 Acq On : 01 Mar 2021 16:59
 Operator : SY/MD
 Sample : M1344-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT2-2021-04

Manual Integrations
 APPROVED

MMDadoda
 3/3/2021 3:48:26 PM

Quant Time: Mar 02 14:48:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 02 14:41:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.806	62	2920	0.27	ug/L	99
29) 1,1,1-Trichloroethane	5.330	97	3215	0.25	ug/L	96
30) Cyclohexane	5.398	56	3478	0.28	ug/L #	91
31) Carbon tetrachloride	5.539	117	2438	0.22	ug/L	90
33) Benzene	5.780	78	7843	0.28	ug/L	100
34) Trichloroethene	6.549	95	1813	0.24	ug/L	86
35) Methylcyclohexane	6.774	83	3283	0.28	ug/L #	85
37) 1,2-Dichloropropane	6.806	63	1945	0.25	ug/L #	89
38) Bromodichloromethane	7.118	83	2493	0.25	ug/L	93
39) cis-1,3-Dichloropropene	7.616	75	2569	0.22	ug/L	96
40) 4-Methyl-2-pentanone	7.806	43	17368	2.60	ug/L	98
42) Toluene	7.976	91	8016	0.26	ug/L	98
44) trans-1,3-Dichloropropene	8.218	75	3220	0.31	ug/L	91
45) 1,1,2-Trichloroethane	8.407	97	1562	0.28	ug/L #	88
47) Tetrachloroethene	8.562	164	1635	0.26	ug/L	87
48) 2-Hexanone	8.700	43	14387	2.94	ug/L	93
49) Dibromochloromethane	8.819	129	1745	0.24	ug/L	91
50) 1,2-Dibromoethane	8.938	107	1422	0.25	ug/L #	87
51) Chlorobenzene	9.459	112	5348	0.27	ug/L	99
52) Ethylbenzene	9.578	91	9062	0.26	ug/L	97
53) m,p-Xylene	9.700	106	3488	0.27	ug/L	79
54) o-Xylene	10.108	106	3092	0.25	ug/L	98
55) Styrene	10.121	104	4547	0.21	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.793	83	1962	0.26	ug/L #	95
59) Bromoform	10.298	173	1036	0.23	ug/L #	88
60) Isopropylbenzene	10.491	105	8538	0.25	ug/L	99
61) 1,2,3-Trichloropropane	10.835	75	1264	0.23	ug/L	95
62) 1,3,5-Trimethylbenzene	11.099	105	6799	0.24	ug/L	98
63) 1,2,4-Trimethylbenzene	11.478	105	7377	0.26	ug/L	99
64) 1,3-Dichlorobenzene	11.754	146	4284	0.26	ug/L	88
65) 1,4-Dichlorobenzene	11.844	146	4202	0.26	ug/L	90
67) 1,2-Dichlorobenzene	12.224	146	4008	0.26	ug/L	95
68) 1,2-Dibromo-3-chloropr...	13.008	75	322	0.23	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.230	180	3916	0.30	ug/L	96
70) 1,2,4-trichlorobenzene	13.851	180	3183	0.31	ug/L	95
71) Naphthalene	14.098	128	2848	0.17	ug/L #	90
72) 1,2,3-Trichlorobenzene	14.340	180	2702	0.29	ug/L #	97

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

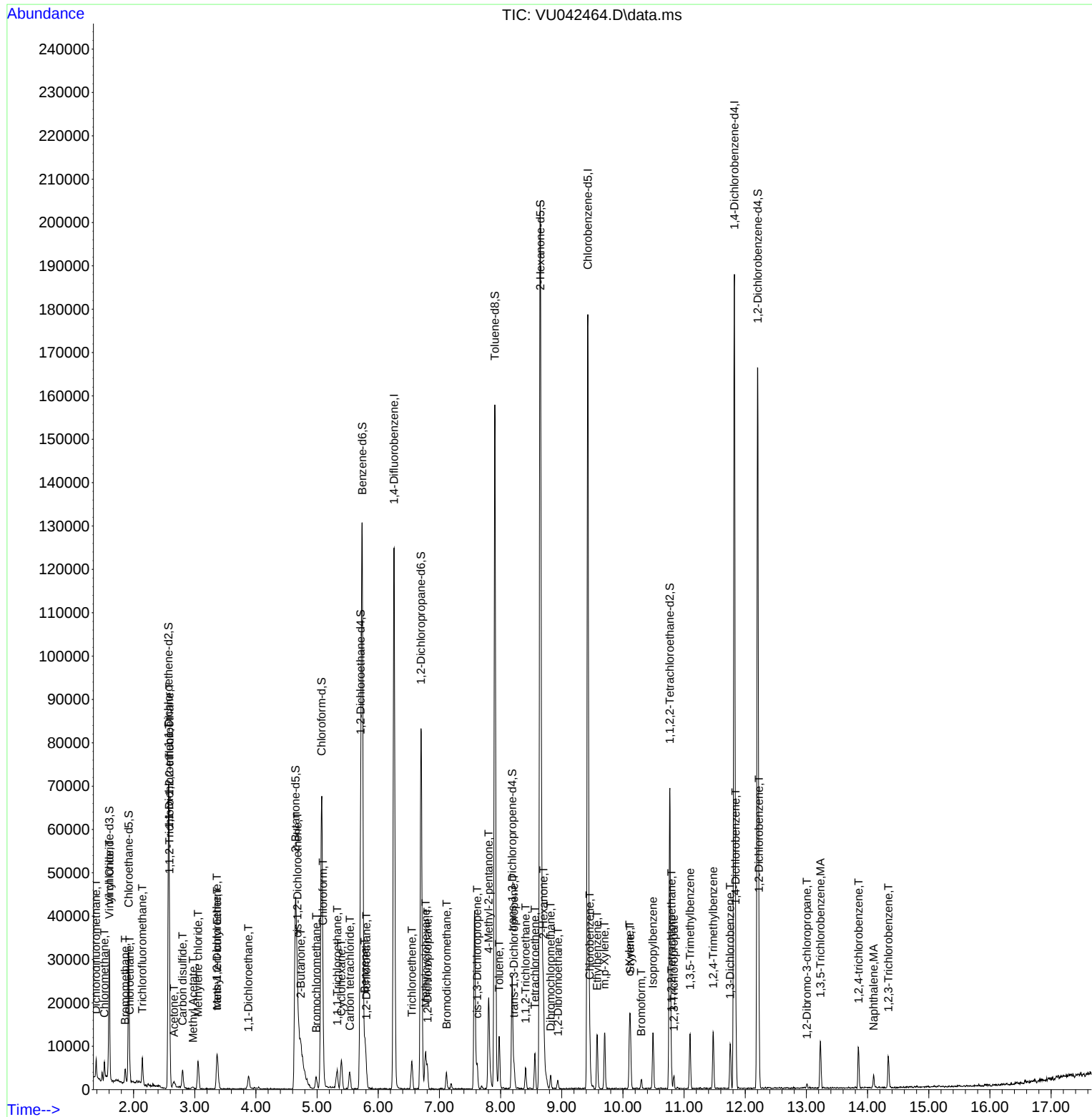
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030121\
Data File : VU042464.D
Acq On : 01 Mar 2021 16:59
Operator : SY/MD
Sample : M1344-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

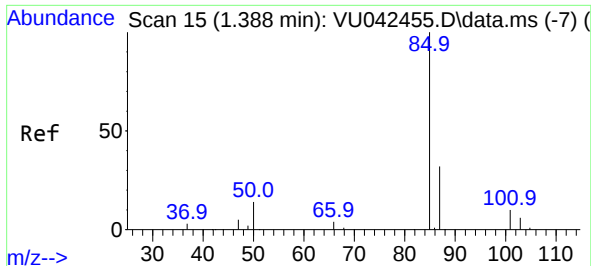
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-04

Manual Integrations
APPROVED

MMDadoda
3/3/2021 3:48:26 PM

Quant Time: Mar 02 14:48:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030121WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Mar 02 14:41:09 2021
Response via : Initial Calibration





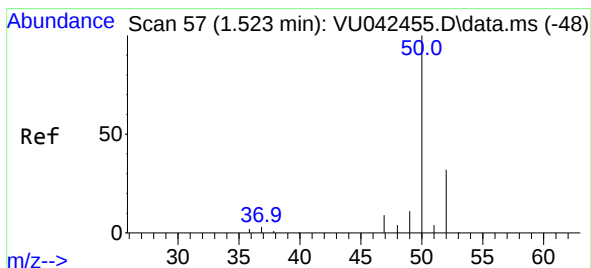
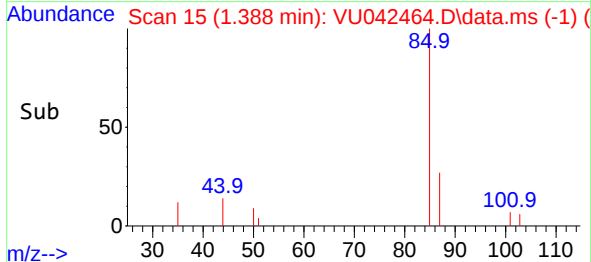
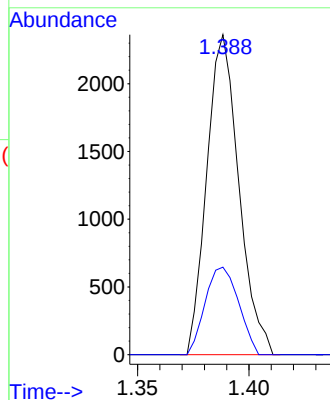
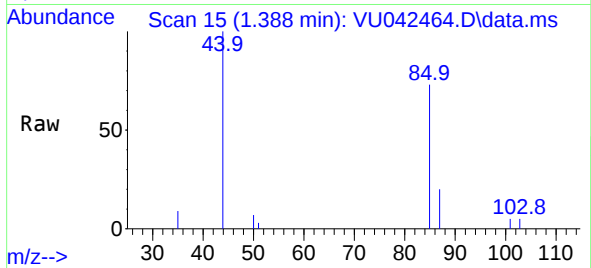
#2
Dichlorodifluoromethane
Concen: 0.26 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59

Tgt Ion: 85 Resp: 2363
Ion Ratio Lower Upper
85 100
87 28.4 25.4 38.2

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-04

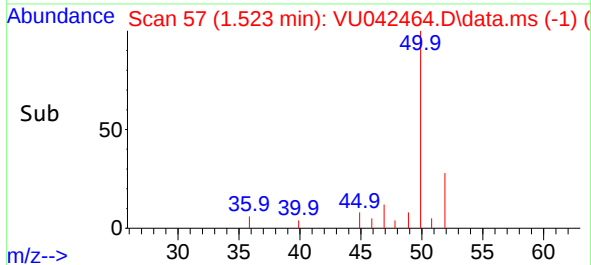
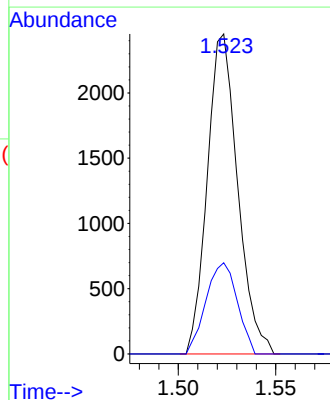
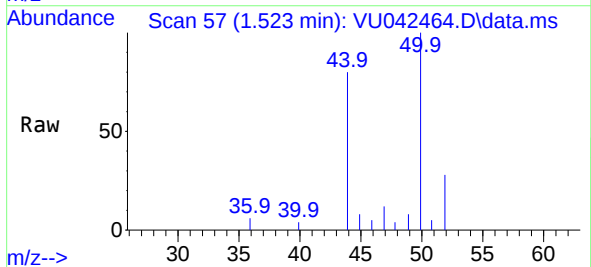
Manual Integrations
APPROVED

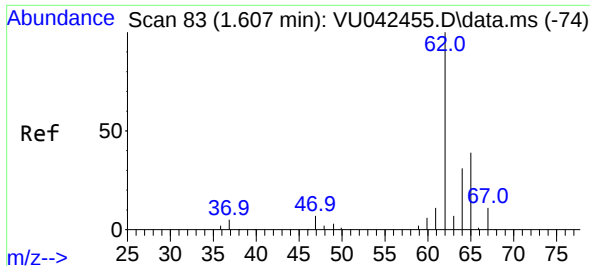
MMDadoda
3/3/2021 3:48:26 PM



#3
Chloromethane
Concen: 0.32 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59

Tgt Ion: 50 Resp: 2654
Ion Ratio Lower Upper
50 100
52 28.5 22.5 41.9





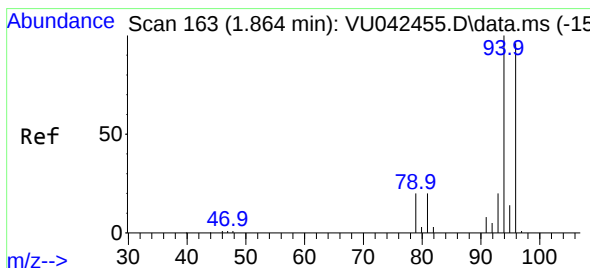
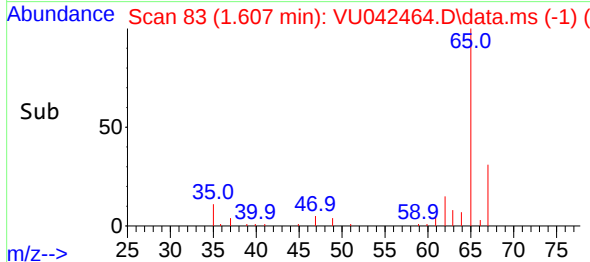
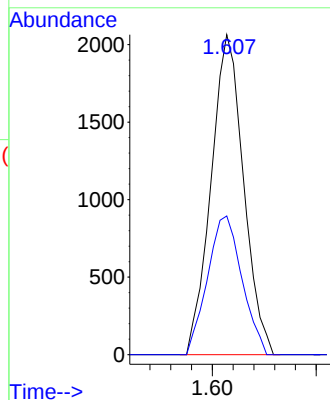
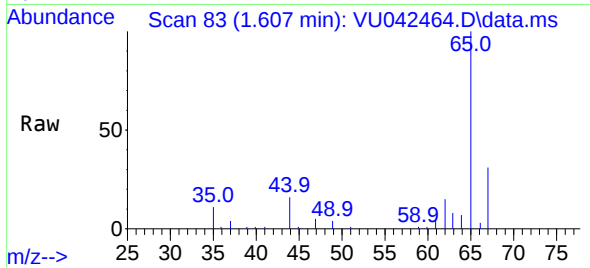
#5
 Vinyl chloride
 Concen: 0.27 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU042464.D
 Acq: 01 Mar 2021 16:59

Tgt Ion: 62 Resp: 2240
 Ion Ratio Lower Upper
 62 100
 64 43.4 21.7 40.3#

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT2-2021-04

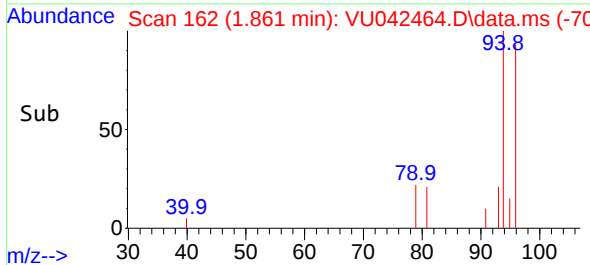
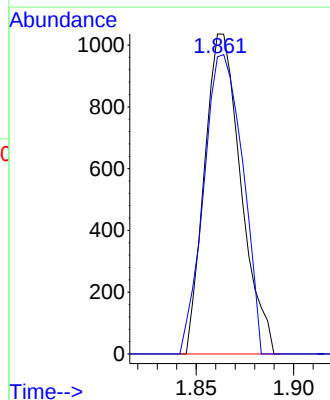
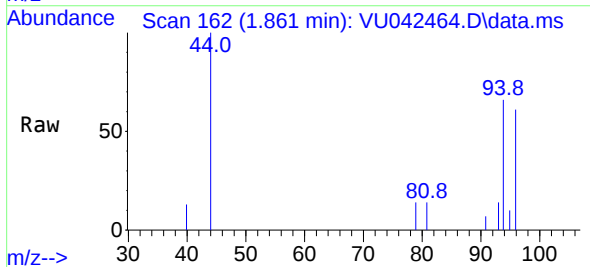
Manual Integrations
 APPROVED

MMDadoda
 3/3/2021 3:48:26 PM

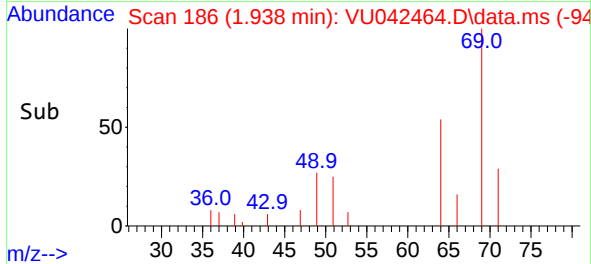
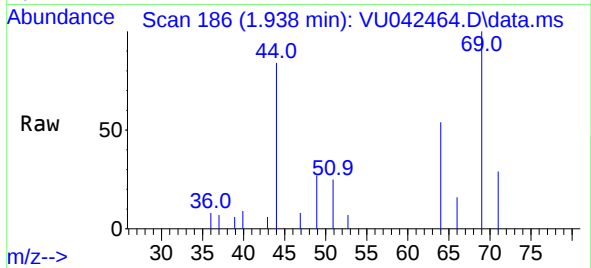
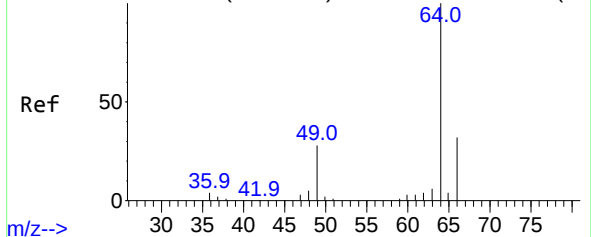


#6
 Bromomethane
 Concen: 0.27 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.003 min
 Lab File: VU042464.D
 Acq: 01 Mar 2021 16:59

Tgt Ion: 94 Resp: 1348
 Ion Ratio Lower Upper
 94 100
 96 92.9 67.1 124.7



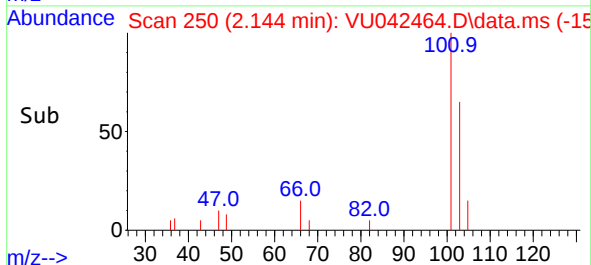
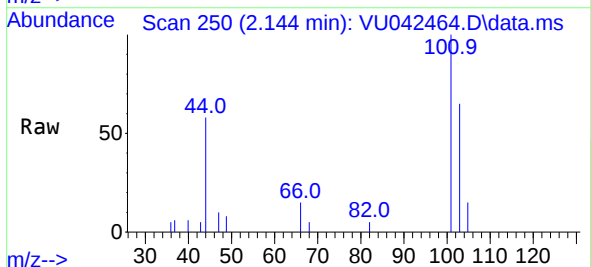
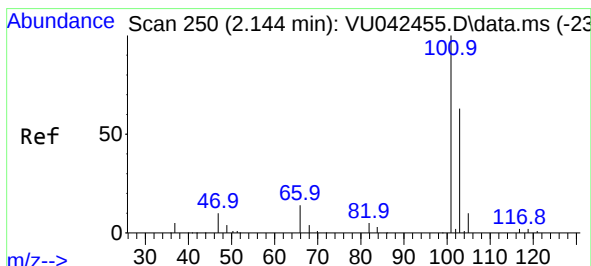
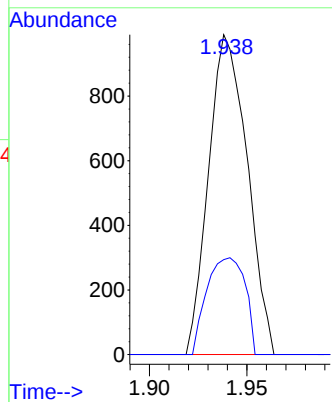
Abundance Scan 187 (1.941 min): VU042455.D\data.ms (-17



#8

Chloroethane
Concen: 0.27 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.003 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59

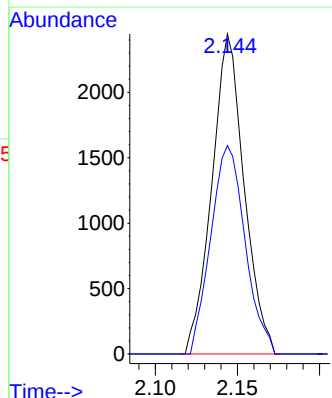
Tgt Ion: 64 Resp: 1365
Ion Ratio Lower Upper
64 100
66 29.7 22.6 42.0



#9

Trichlorofluoromethane
Concen: 0.25 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59

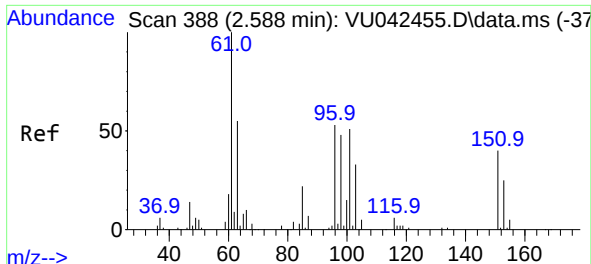
Tgt Ion: 101 Resp: 3345
Ion Ratio Lower Upper
101 100
103 69.2 50.9 76.3



Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-04

Manual Integrations
APPROVED

MMDadoda
3/3/2021 3:48:26 PM



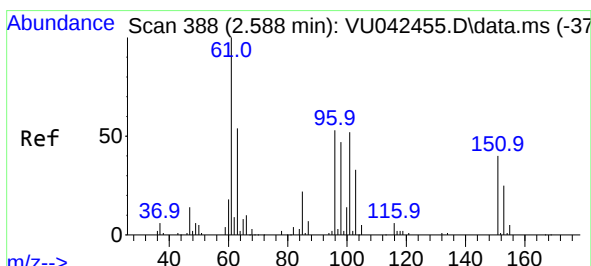
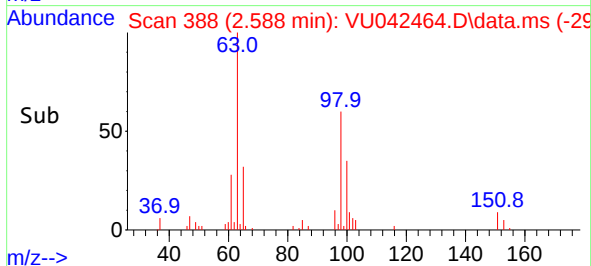
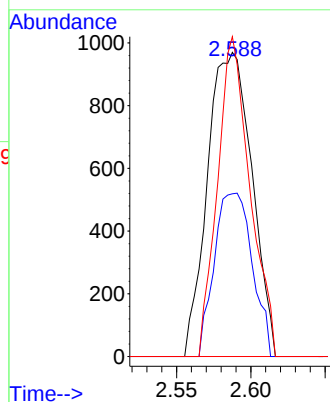
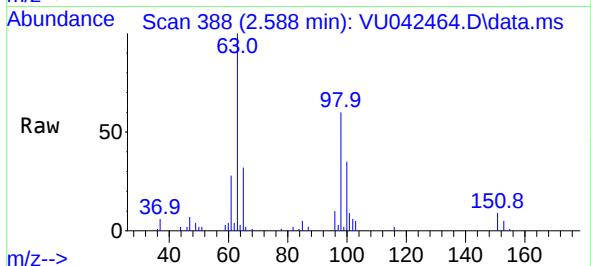
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.29 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59

Tgt Ion:	101	Resp:	2014
Ion	Ratio	Lower	Upper
101	100		
85	45.9	36.8	55.2
151	77.1	63.5	95.3

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-04

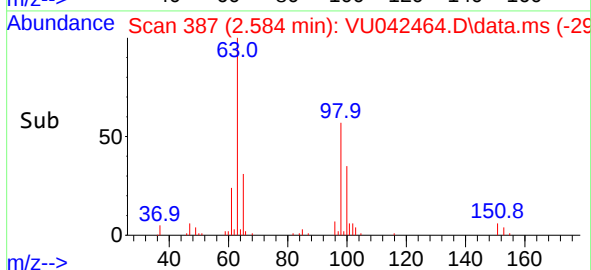
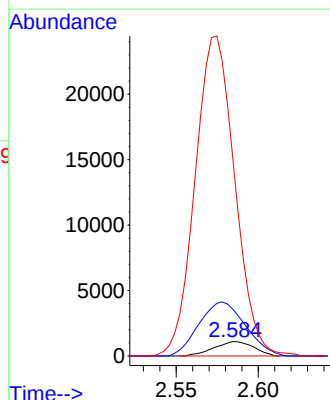
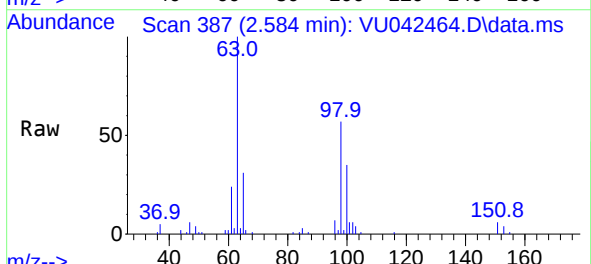
Manual Integrations
APPROVED

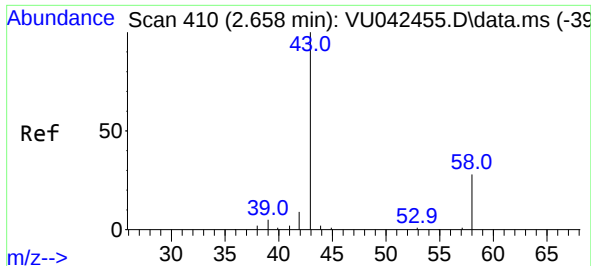
MMDadoda
3/3/2021 3:48:26 PM



#12
1,1-Dichloroethene
Concen: 0.28 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59

Tgt Ion:	96	Resp:	1851
Ion	Ratio	Lower	Upper
96	100		
61	325.4	132.4	245.8#
63	1381.2	74.3	138.1#





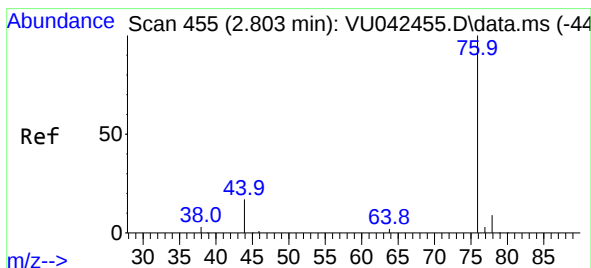
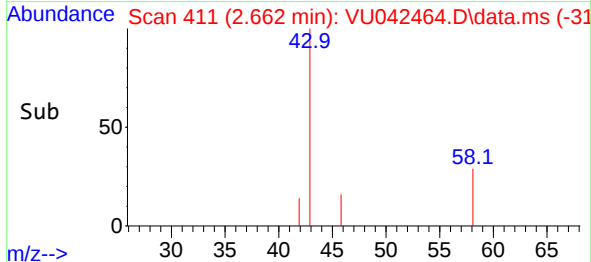
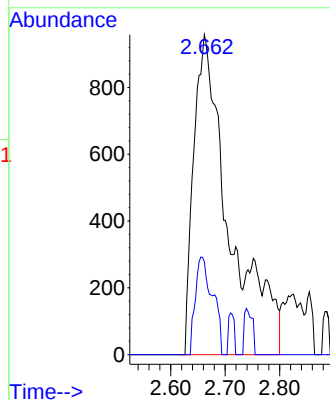
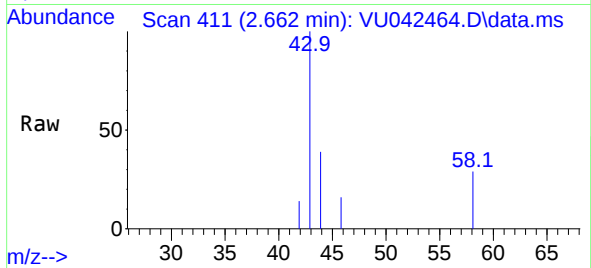
#13
Acetone
Concen: 2.62 ug/L m
RT: 2.662 min Scan# 411
Delta R.T. 0.003 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59

Tgt Ion: 43 Resp: 4369
Ion Ratio Lower Upper
43 100
58 14.7 0.0 38.2

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-04

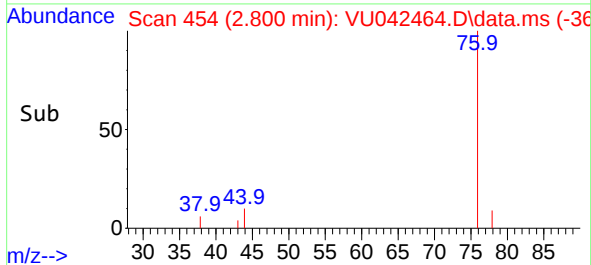
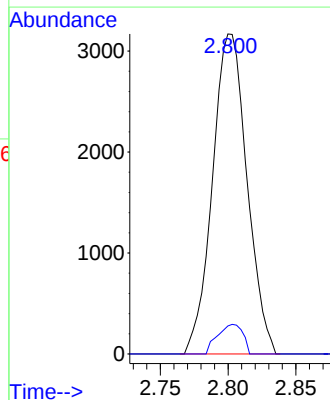
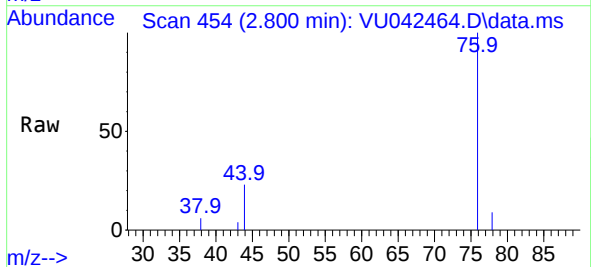
Manual Integrations
APPROVED

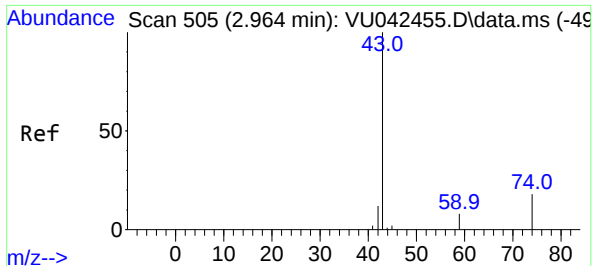
MMDadoda
3/3/2021 3:48:26 PM



#14
Carbon disulfide
Concen: 0.26 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.003 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59

Tgt Ion: 76 Resp: 5619
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0





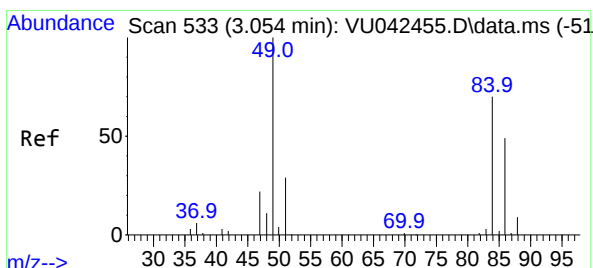
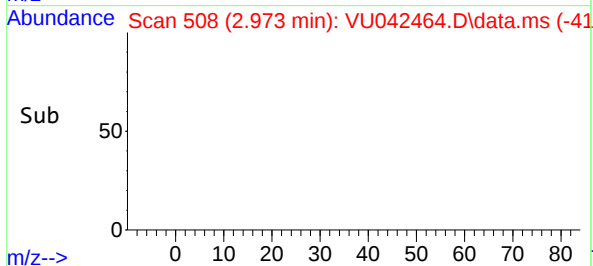
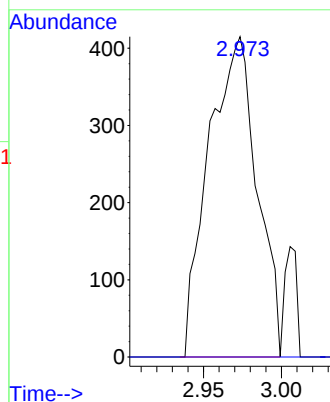
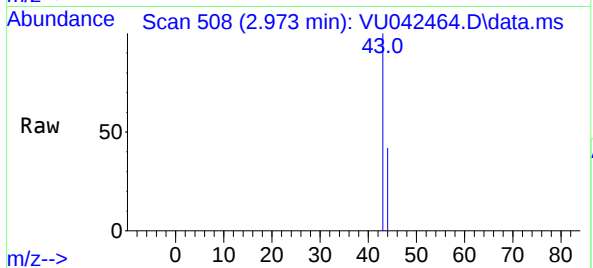
#15
Methyl Acetate
Concen: 0.23 ug/L
RT: 2.973 min Scan# 508
Delta R.T. 0.010 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59

Tgt Ion: 43 Resp: 897
Ion Ratio Lower Upper
43 100
74 0.0 14.4 21.6#

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-04

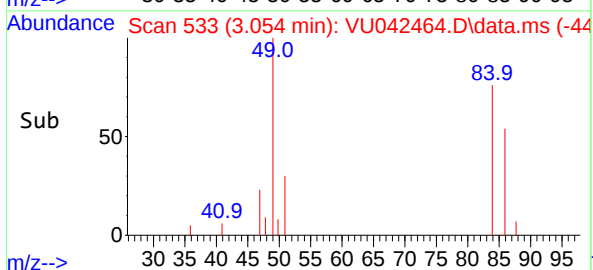
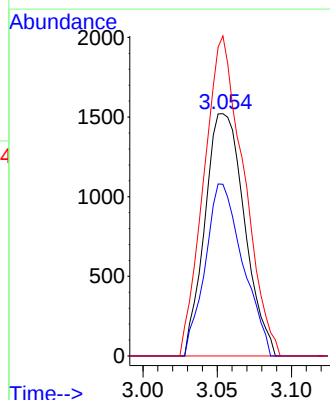
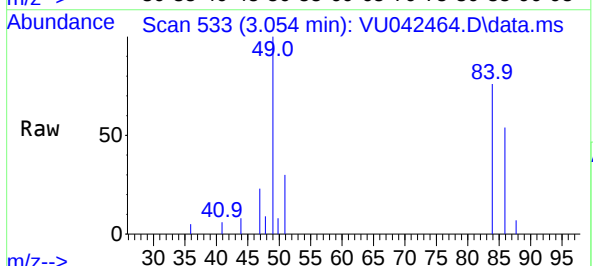
Manual Integrations
APPROVED

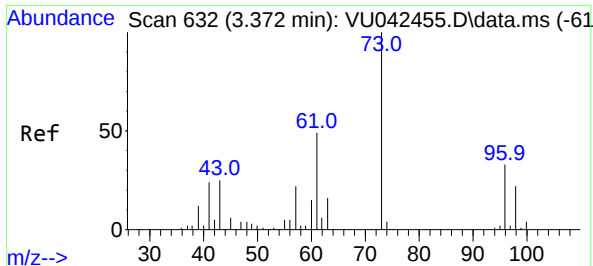
MMDadoda
3/3/2021 3:48:26 PM



#16
Methylene chloride
Concen: 0.38 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59

Tgt Ion: 84 Resp: 2819
Ion Ratio Lower Upper
84 100
86 70.9 48.6 90.3
49 143.1 99.3 184.5





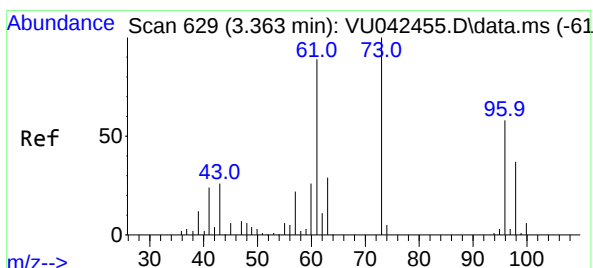
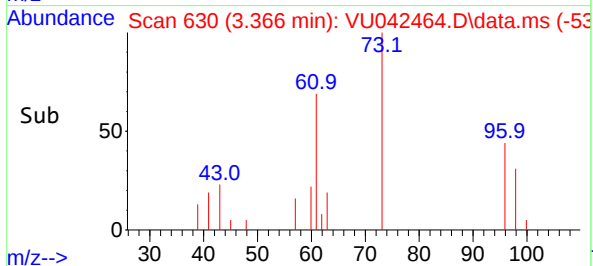
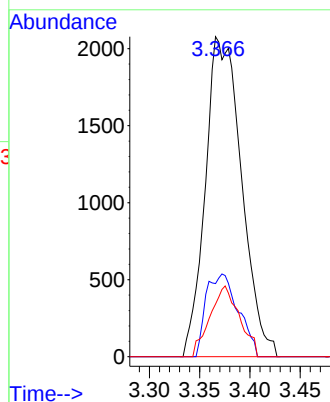
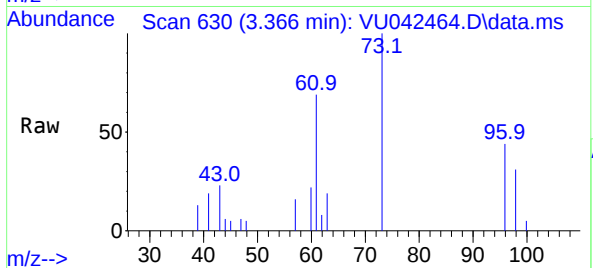
#17
Methyl tert-butyl Ether
Concen: 0.27 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.007 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59

Tgt Ion: 73	Resp: 5190
Ion Ratio	Lower Upper
73 100	
43 23.0	20.1 30.1
57 18.1	17.5 26.3

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-04

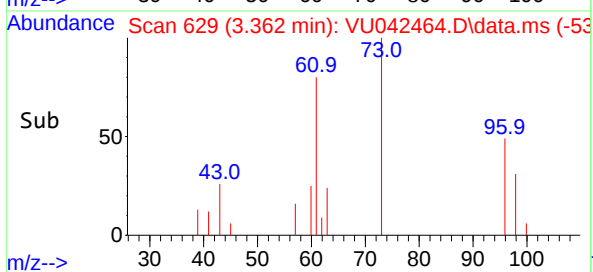
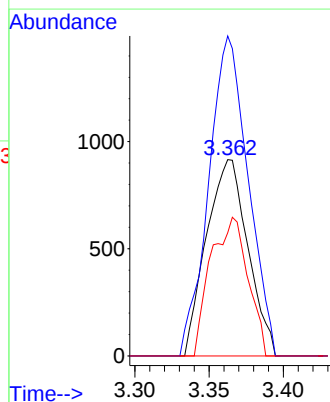
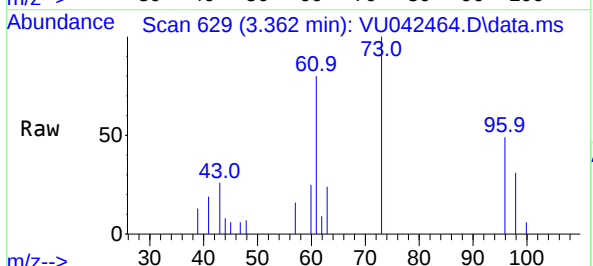
Manual Integrations
APPROVED

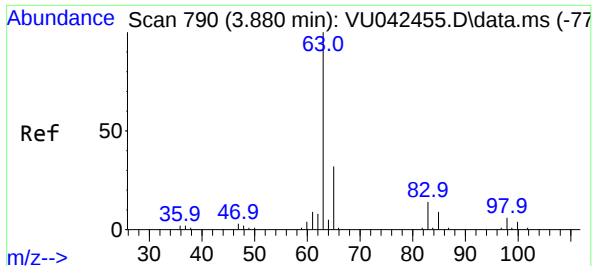
MMDadoda
3/3/2021 3:48:26 PM



#18
trans-1,2-Dichloroethene
Concen: 0.25 ug/L
RT: 3.362 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59

Tgt Ion: 96	Resp: 1777
Ion Ratio	Lower Upper
96 100	
61 163.0	106.7 198.3
98 62.8	44.8 83.2





#19

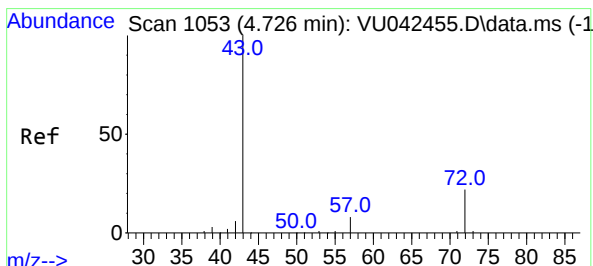
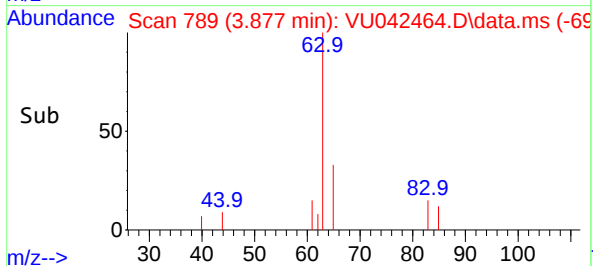
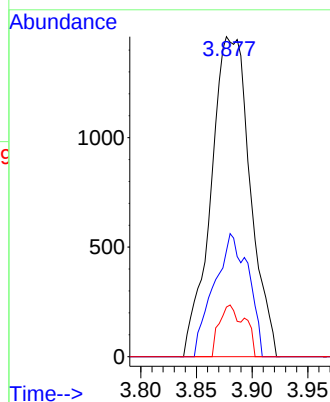
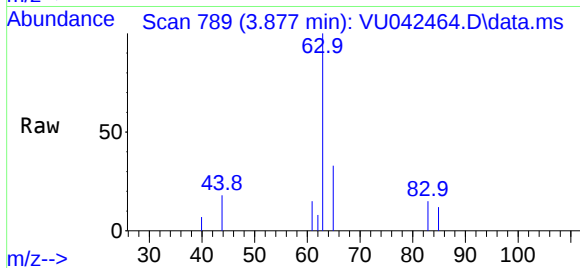
1,1-Dichloroethane
Concen: 0.26 ug/L
RT: 3.877 min Scan# 789
Delta R.T. -0.003 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59

Tgt Ion:	63	Resp:	3573
Ion	Ratio	Lower	Upper
63	100		
65	33.1	22.4	41.6
83	15.5	9.7	18.1

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-04

Manual Integrations
APPROVED

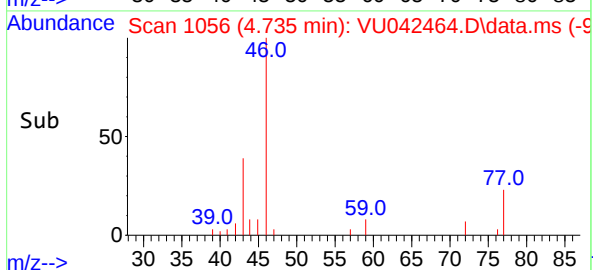
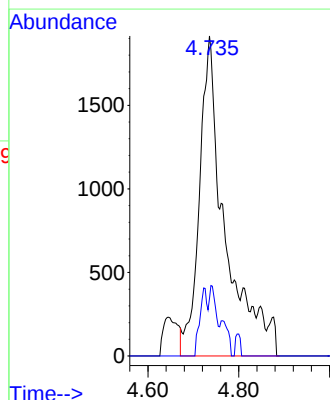
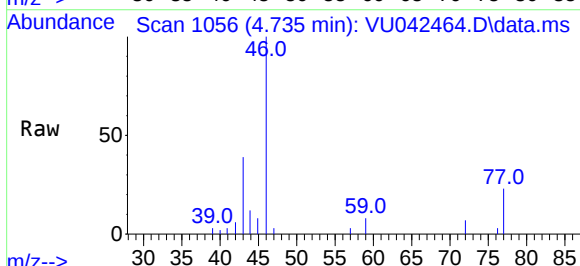
MMDadoda
3/3/2021 3:48:26 PM

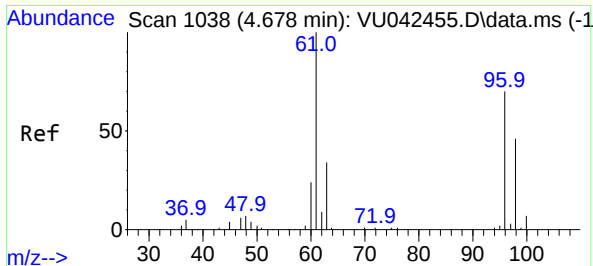


#21

2-Butanone
Concen: 2.65 ug/L m
RT: 4.735 min Scan# 1056
Delta R.T. 0.010 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59

Tgt Ion:	43	Resp:	7520
Ion	Ratio	Lower	Upper
43	100		
72	6.2	11.3	33.9#





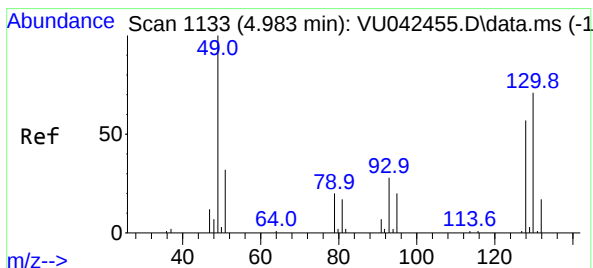
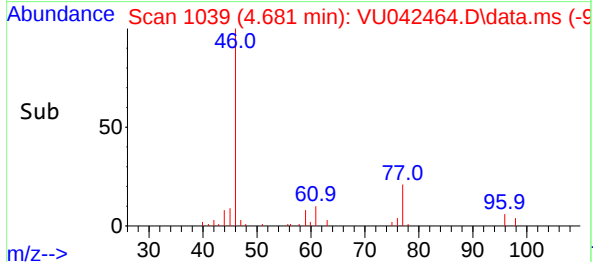
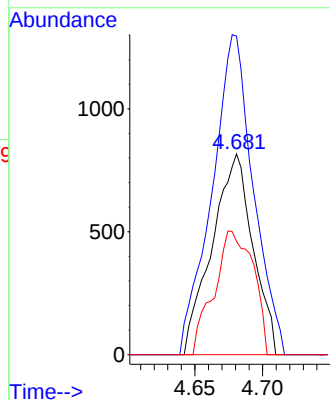
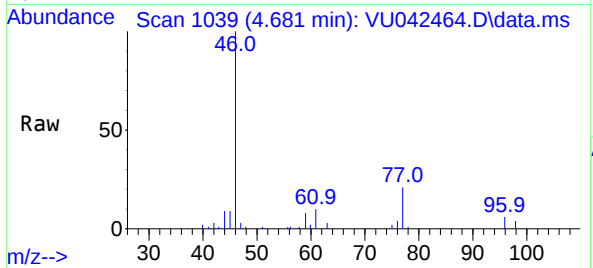
#22
cis-1,2-Dichloroethene
Concen: 0.23 ug/L
RT: 4.681 min Scan# 1039
Delta R.T. 0.003 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59

Tgt Ion:	96	Resp:	1714
Ion	Ratio	Lower	Upper
96	100		
61	158.6	101.2	187.8
98	56.4	46.5	86.5

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-04

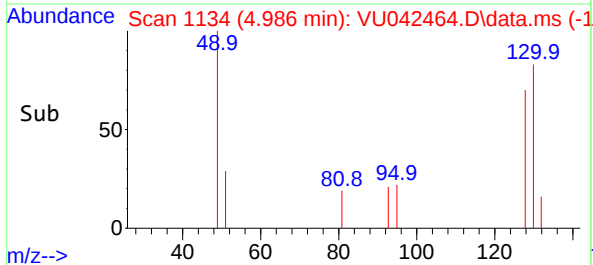
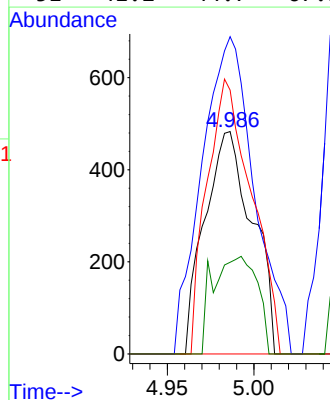
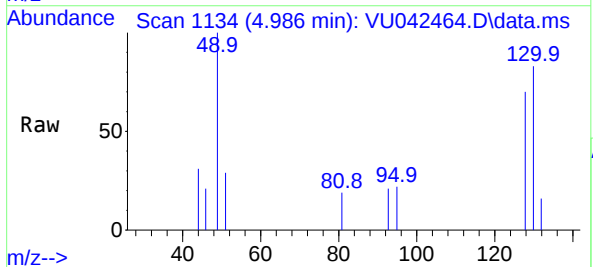
Manual Integrations
APPROVED

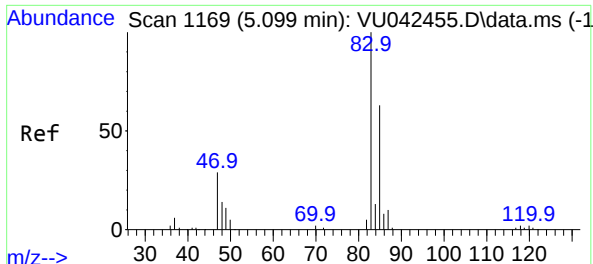
MMDadoda
3/3/2021 3:48:26 PM



#23
Bromochloromethane
Concen: 0.26 ug/L
RT: 4.986 min Scan# 1134
Delta R.T. 0.003 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59

Tgt Ion:	128	Resp:	925
Ion	Ratio	Lower	Upper
128	100		
49	142.7	121.9	226.3
130	118.6	86.1	159.9
51	41.2	44.7	67.1





#25

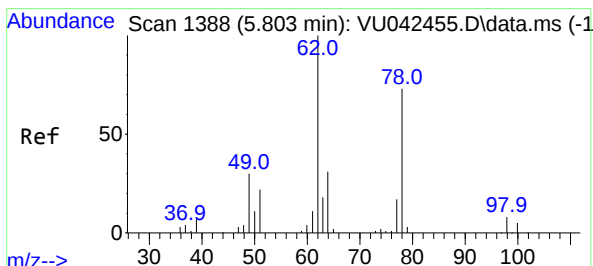
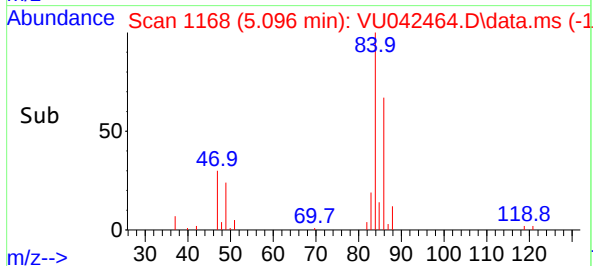
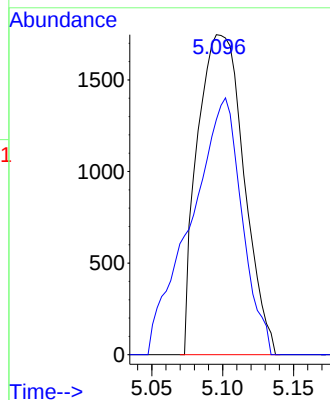
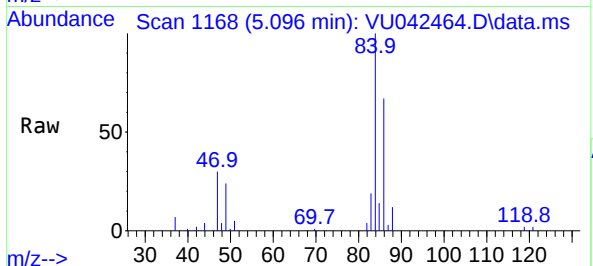
Chloroform
Concen: 0.28 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59

Tgt Ion: 83 Resp: 3973
Ion Ratio Lower Upper
83 100
85 73.4 44.0 81.8

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-04

Manual Integrations
APPROVED

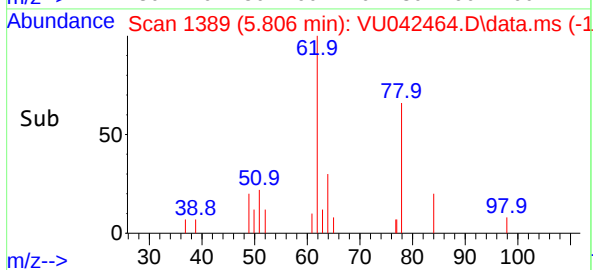
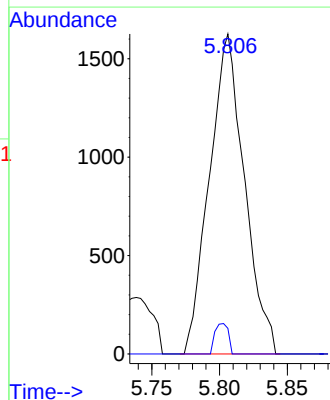
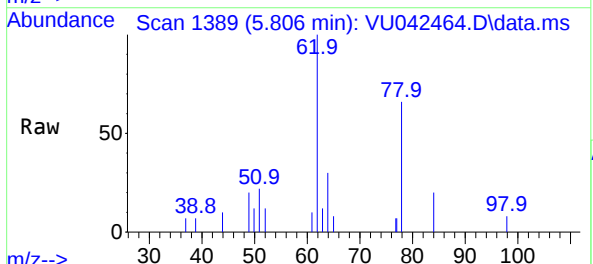
MMDadoda
3/3/2021 3:48:26 PM

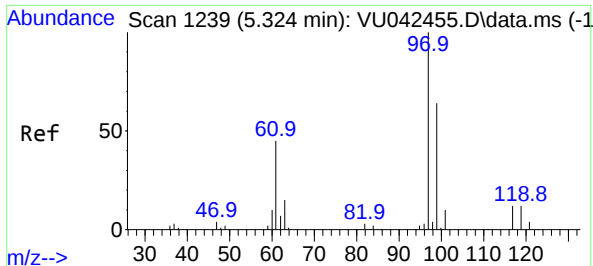


#27

1,2-Dichloroethane
Concen: 0.27 ug/L
RT: 5.806 min Scan# 1389
Delta R.T. 0.003 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59

Tgt Ion: 62 Resp: 2920
Ion Ratio Lower Upper
62 100
98 8.0 6.1 9.1





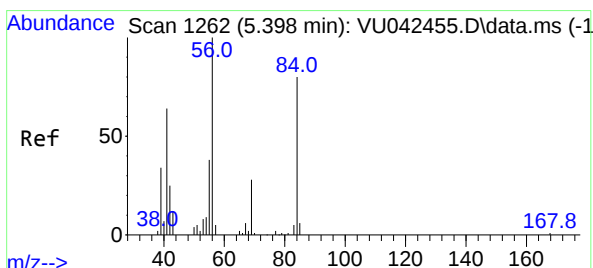
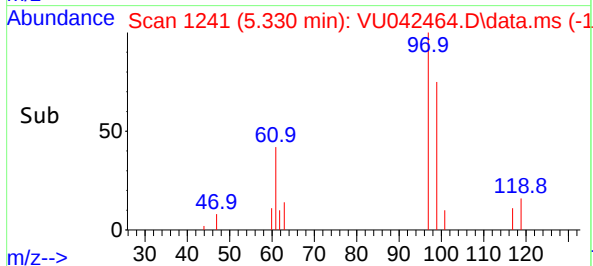
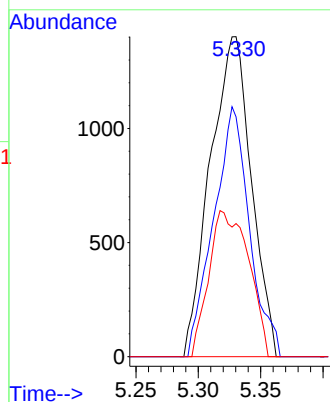
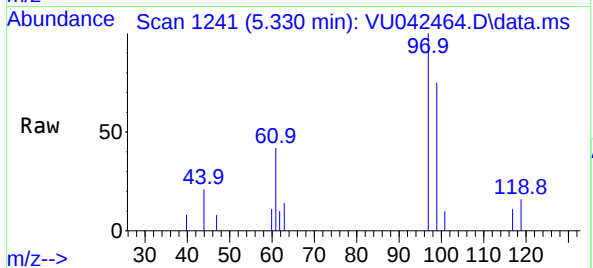
#29
1,1,1-Trichloroethane
Concen: 0.25 ug/L
RT: 5.330 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59

Tgt Ion:	97	Resp:	3215
Ion	Ratio	Lower	Upper
97	100		
99	68.1	51.7	77.5
61	44.3	36.8	55.2

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-04

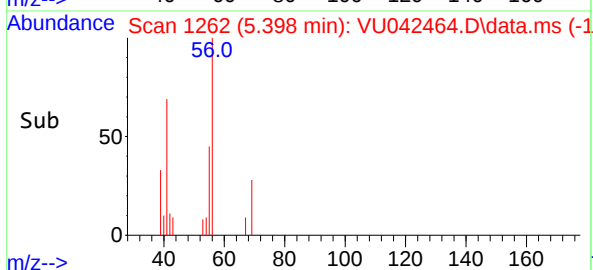
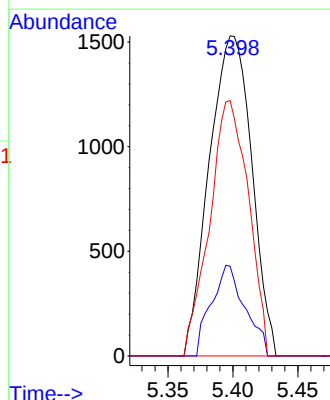
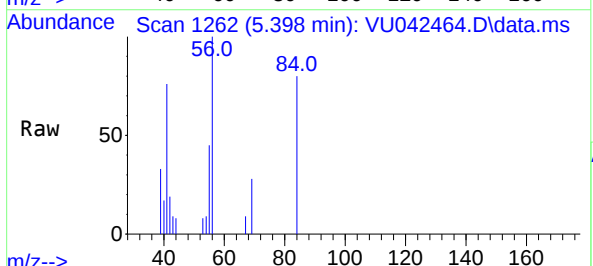
Manual Integrations
APPROVED

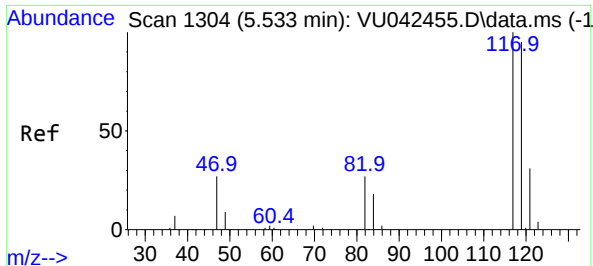
MMDadoda
3/3/2021 3:48:26 PM



#30
Cyclohexane
Concen: 0.28 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59

Tgt Ion:	56	Resp:	3478
Ion	Ratio	Lower	Upper
56	100		
69	22.5	23.2	34.8#
84	72.8	64.2	96.4





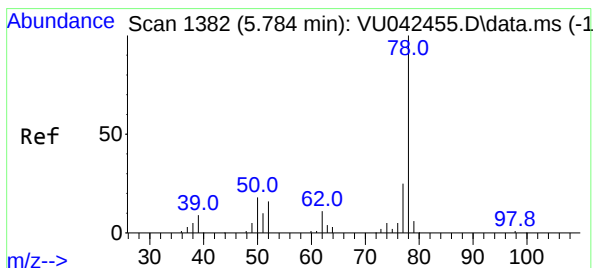
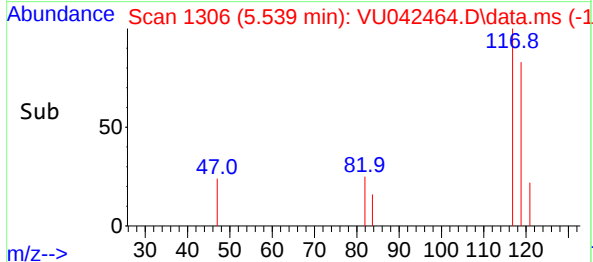
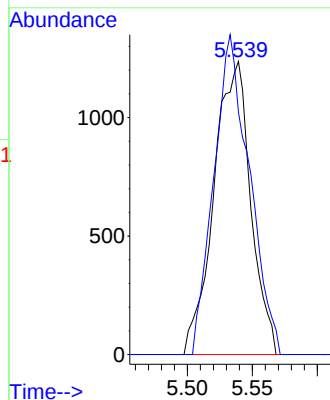
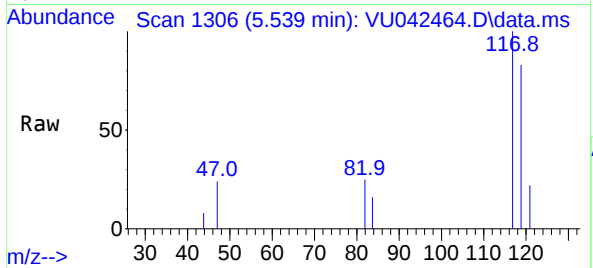
#31
Carbon tetrachloride
Concen: 0.22 ug/L
RT: 5.539 min Scan# 1306
Delta R.T. 0.006 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59

Tgt Ion: 117 Resp: 2438
Ion Ratio Lower Upper
117 100
119 105.3 76.6 114.8

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-04

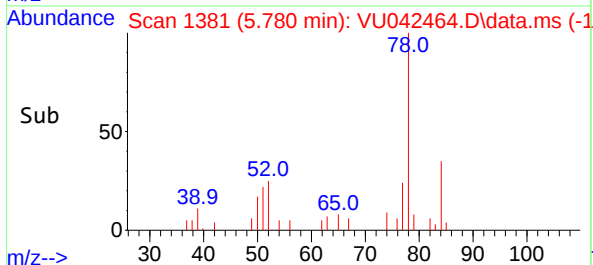
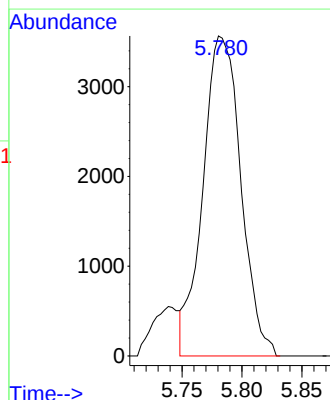
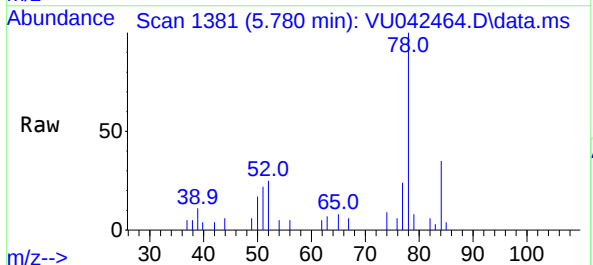
Manual Integrations
APPROVED

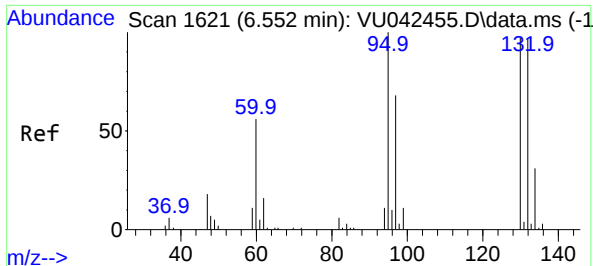
MMDadoda
3/3/2021 3:48:26 PM



#33
Benzene
Concen: 0.28 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.003 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59

Tgt Ion: 78 Resp: 7843





#34
Trichloroethene
Concen: 0.24 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59

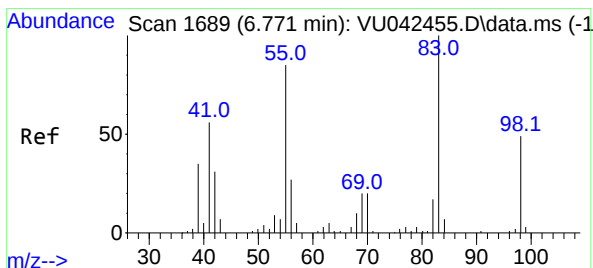
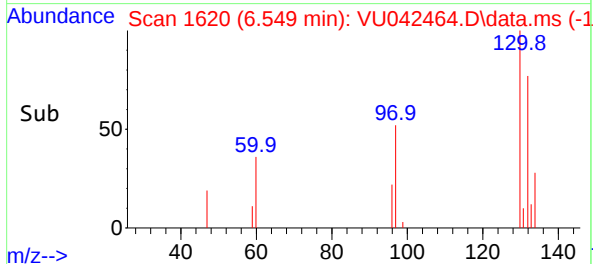
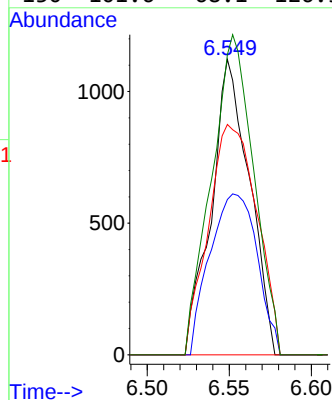
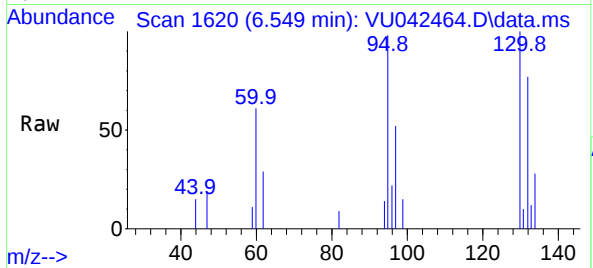
Tgt Ion: 95 Resp: 1813

Ion	Ratio	Lower	Upper
95	100		
97	52.6	47.4	88.0
132	78.0	68.3	126.8
130	101.6	68.1	126.5

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-04

Manual Integrations
APPROVED

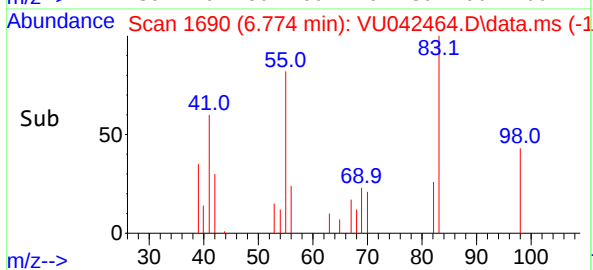
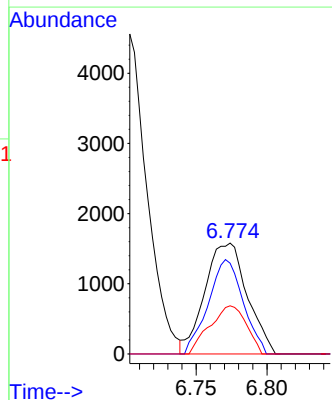
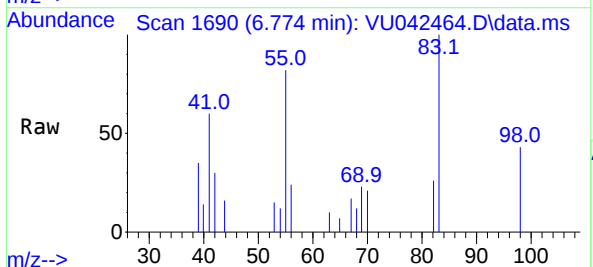
MMDadoda
3/3/2021 3:48:26 PM

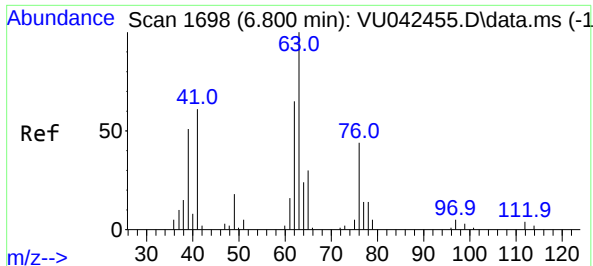


#35
Methylcyclohexane
Concen: 0.28 ug/L
RT: 6.774 min Scan# 1690
Delta R.T. 0.003 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59

Tgt Ion: 83 Resp: 3283

Ion	Ratio	Lower	Upper
83	100		
55	70.2	67.8	101.6
98	37.5	37.7	56.5#





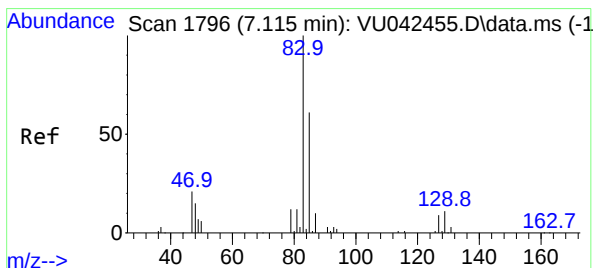
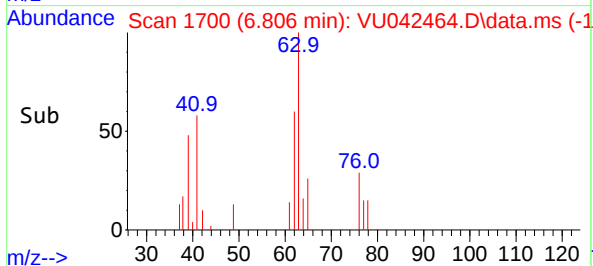
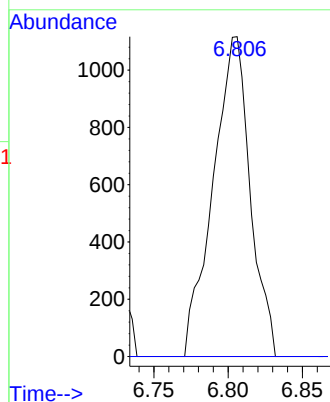
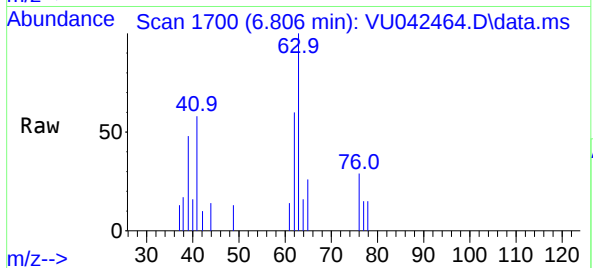
#37
1,2-Dichloropropane
Concen: 0.25 ug/L
RT: 6.806 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59

Tgt Ion: 63 Resp: 1945
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-04

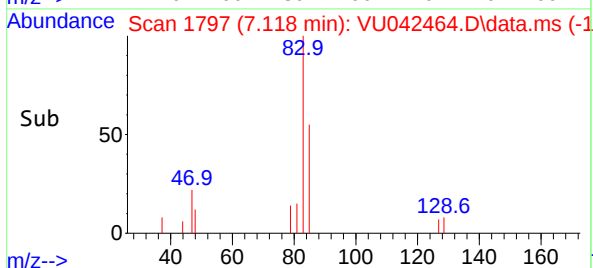
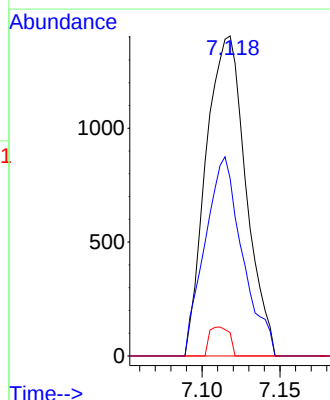
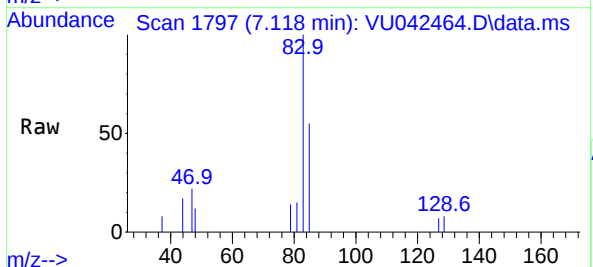
Manual Integrations
APPROVED

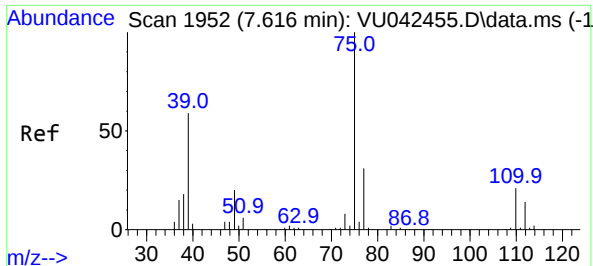
MMDadoda
3/3/2021 3:48:26 PM



#38
Bromodichloromethane
Concen: 0.25 ug/L
RT: 7.118 min Scan# 1797
Delta R.T. 0.003 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59

Tgt Ion: 83 Resp: 2493
Ion Ratio Lower Upper
83 100
85 55.4 42.8 79.6
127 7.3 7.0 10.4





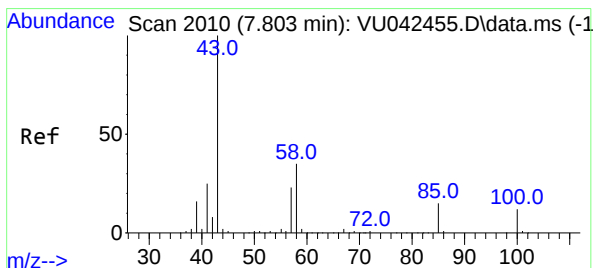
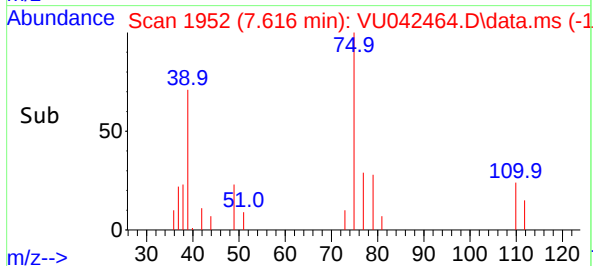
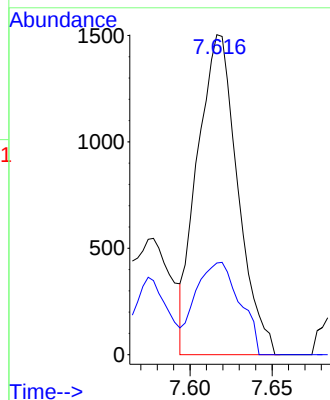
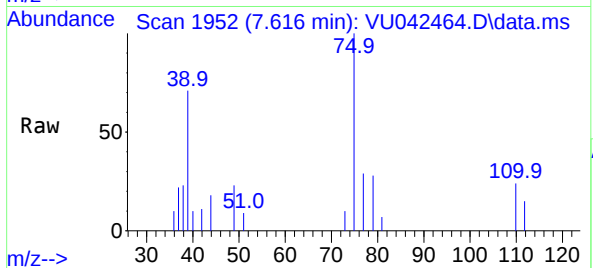
#39
cis-1,3-Dichloropropene
Concen: 0.22 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59

Tgt Ion: 75 Resp: 2569
Ion Ratio Lower Upper
75 100
77 28.7 21.7 40.3

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-04

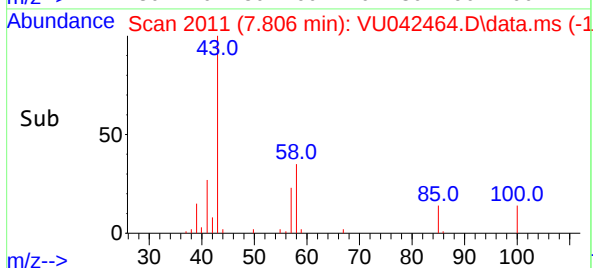
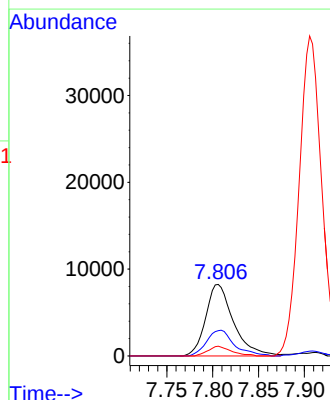
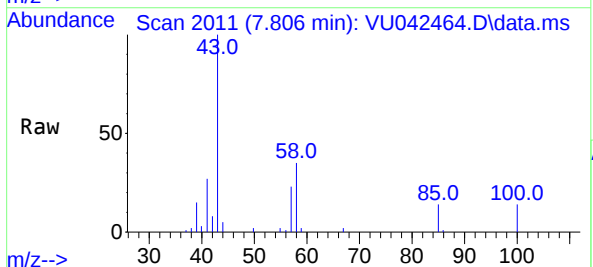
Manual Integrations
APPROVED

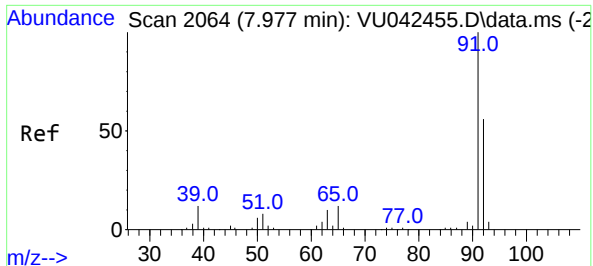
MMDadoda
3/3/2021 3:48:26 PM



#40
4-Methyl-2-pentanone
Concen: 2.60 ug/L
RT: 7.806 min Scan# 2011
Delta R.T. 0.003 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59

Tgt Ion: 43 Resp: 17368
Ion Ratio Lower Upper
43 100
58 35.8 27.8 41.8
100 11.5 9.8 14.6





#42

Toluene

Concen: 0.26 ug/L

RT: 7.976 min Scan# 2064

Delta R.T. -0.000 min

Lab File: VU042464.D

Acq: 01 Mar 2021 16:59

Tgt Ion: 91 Resp: 8016

Ion Ratio Lower Upper

91 100

92 54.6 39.3 73.1

Instrument :

MSVOA_U

ClientSampleId :

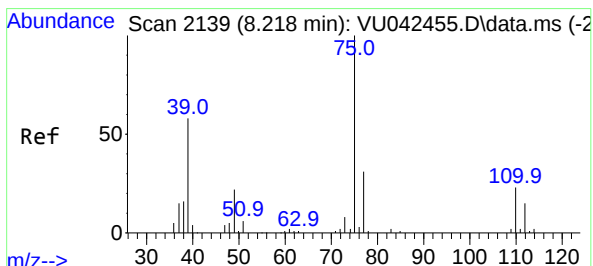
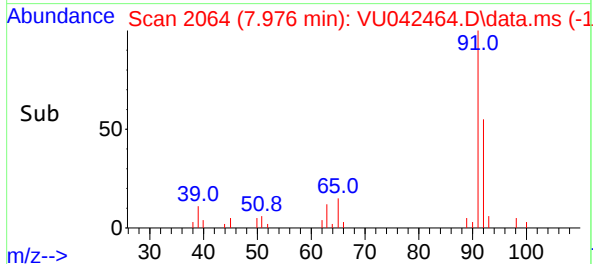
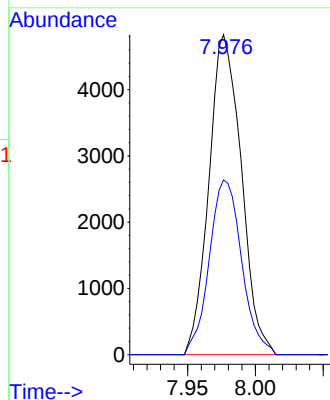
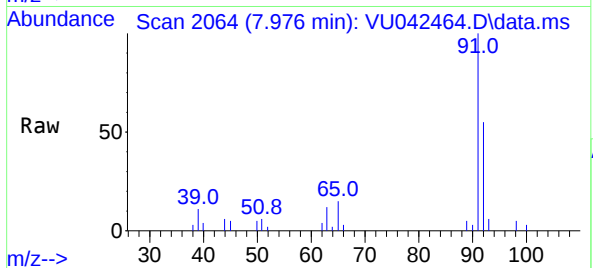
MDL-WATER-QT2-2021-04

Manual Integrations

APPROVED

MMDadoda

3/3/2021 3:48:26 PM



#44

trans-1,3-Dichloropropene

Concen: 0.31 ug/L

RT: 8.218 min Scan# 2139

Delta R.T. -0.000 min

Lab File: VU042464.D

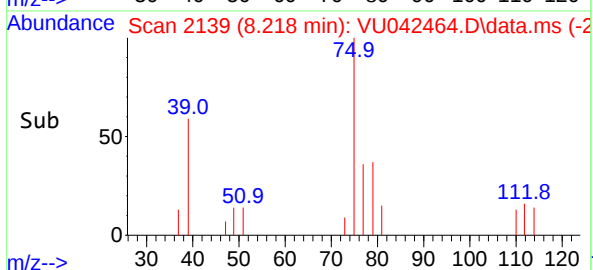
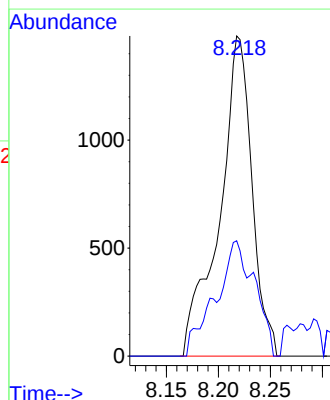
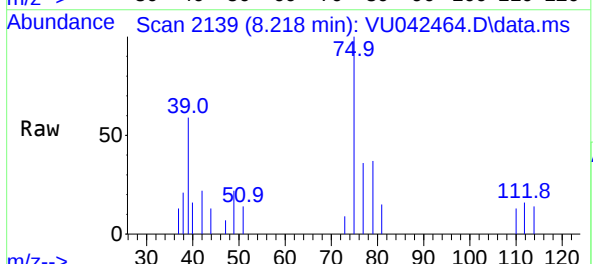
Acq: 01 Mar 2021 16:59

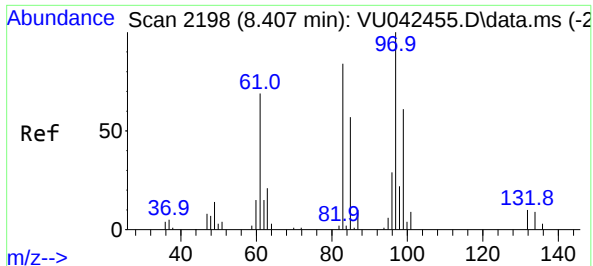
Tgt Ion: 75 Resp: 3220

Ion Ratio Lower Upper

75 100

77 36.0 21.8 40.6





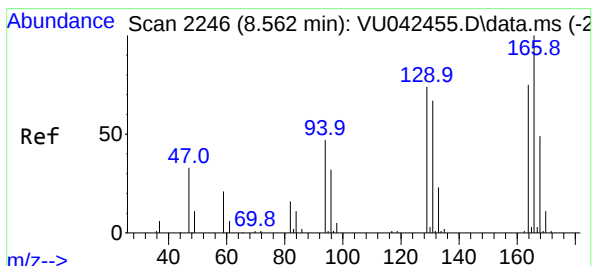
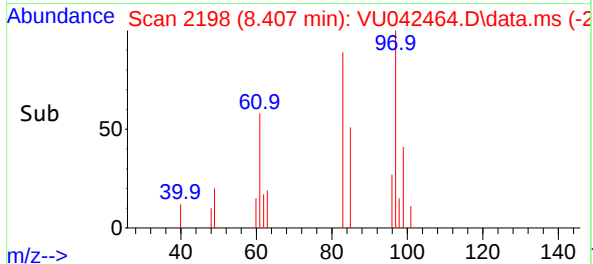
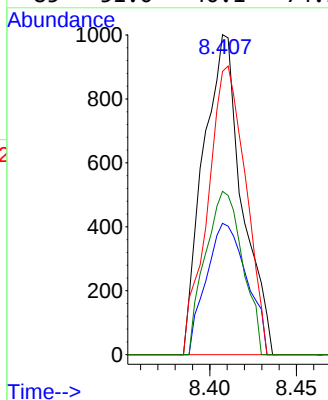
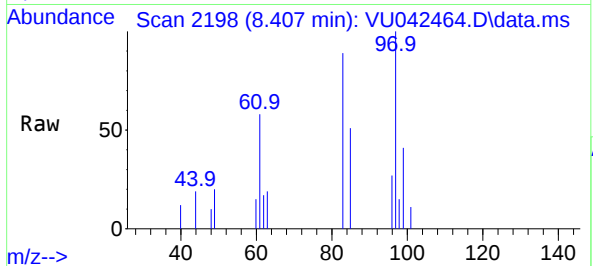
#45
1,1,2-Trichloroethane
Concen: 0.28 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59

Tgt Ion: 97	Resp: 1562
Ion Ratio	Lower Upper
97 100	
99 41.1	42.4 78.8#
83 88.5	58.8 109.2
85 51.0	40.1 74.5

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-04

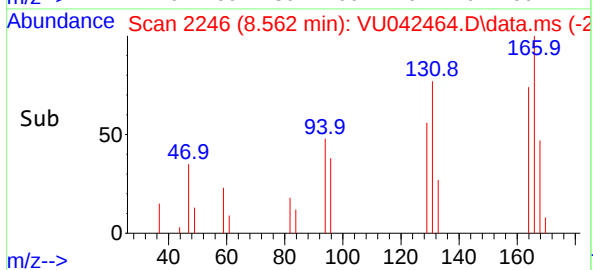
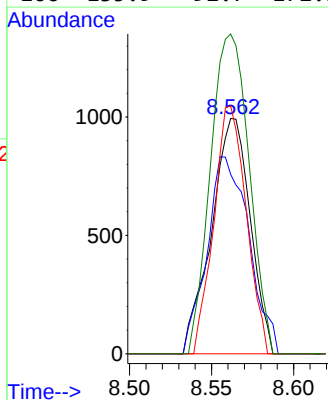
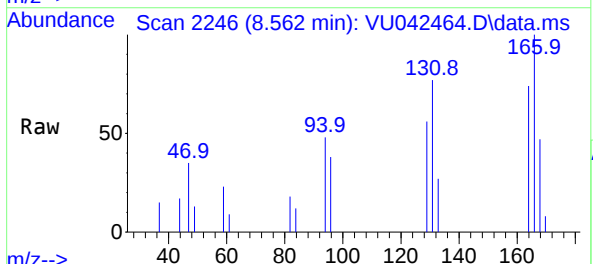
Manual Integrations
APPROVED

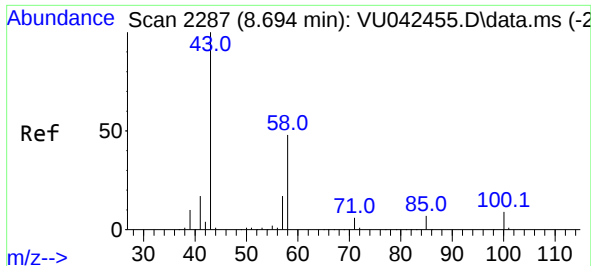
MMDadoda
3/3/2021 3:48:26 PM



#47
Tetrachloroethene
Concen: 0.26 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59

Tgt Ion:164	Resp: 1635
Ion Ratio	Lower Upper
164 100	
129 76.3	68.4 127.0
131 105.3	62.3 115.7
166 135.9	92.7 172.3





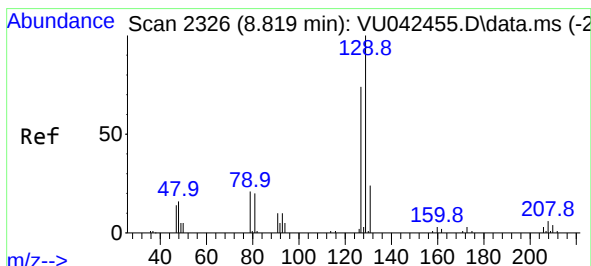
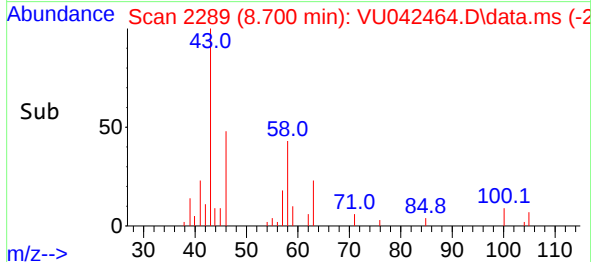
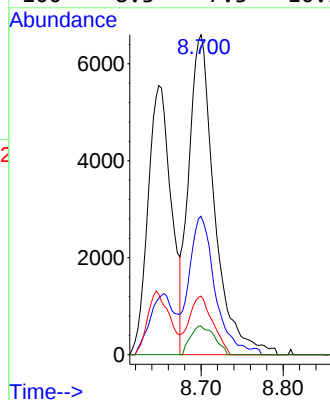
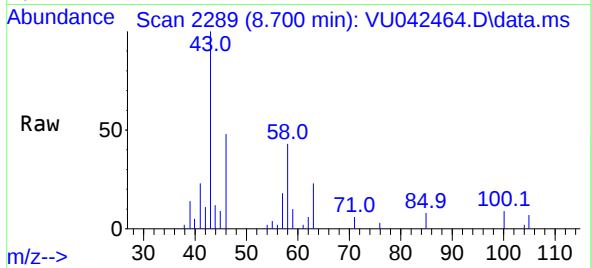
#48
2-Hexanone
Concen: 2.94 ug/L
RT: 8.700 min Scan# 2289
Delta R.T. 0.006 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59

Tgt Ion: 43	Resp: 14387
Ion Ratio	Lower Upper
43 100	
58 40.2	37.5 56.3
57 17.0	13.5 20.3
100 8.3	7.3 10.9

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-04

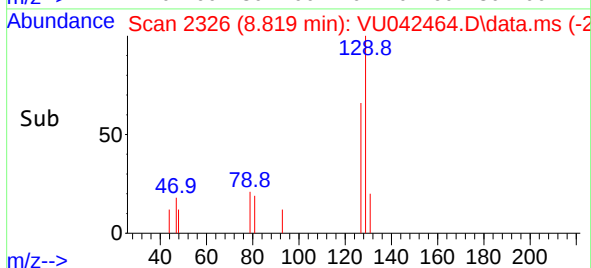
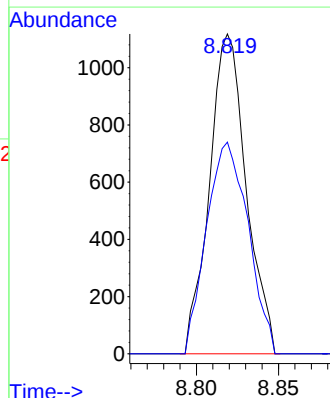
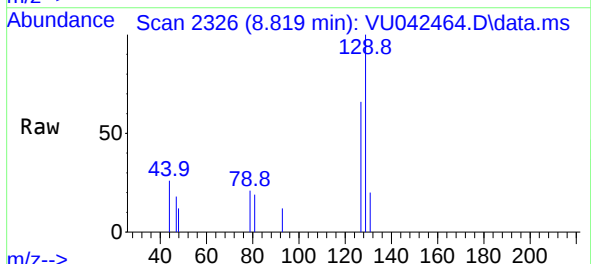
Manual Integrations
APPROVED

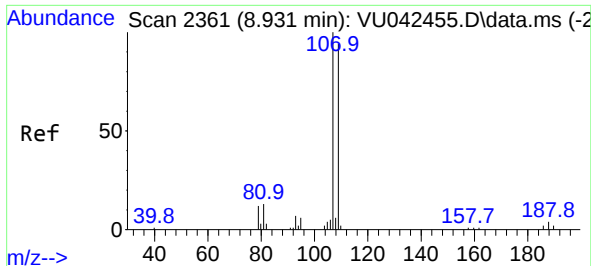
MMDadoda
3/3/2021 3:48:26 PM



#49
Dibromochloromethane
Concen: 0.24 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59

Tgt Ion:129	Resp:	1745	
Ion	Ratio	Lower	Upper
129	100		
127	66.2	51.9	96.3





#50

1,2-Dibromoethane

Concen: 0.25 ug/L

RT: 8.938 min Scan# 2363

Delta R.T. 0.006 min

Lab File: VU042464.D

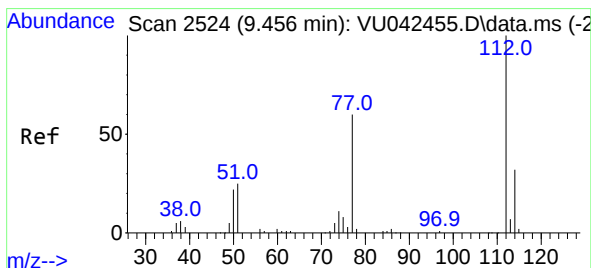
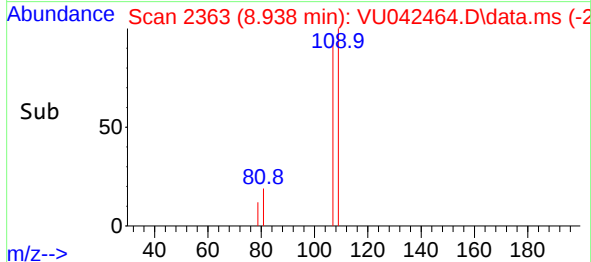
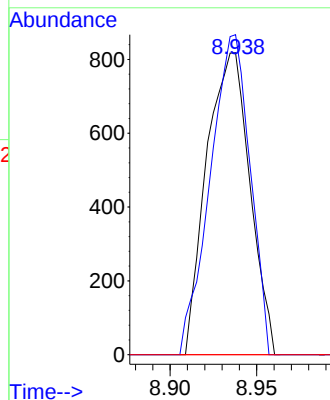
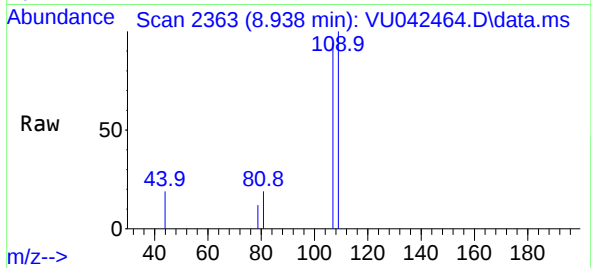
Acq: 01 Mar 2021 16:59

Tgt Ion:	107	Resp:	1422
Ion	Ratio	Lower	Upper
107	100		
109	106.0	65.5	121.6
188	0.0	3.4	5.0#

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-04

Manual Integrations
APPROVED

MMDadoda
3/3/2021 3:48:26 PM



#51

Chlorobenzene

Concen: 0.27 ug/L

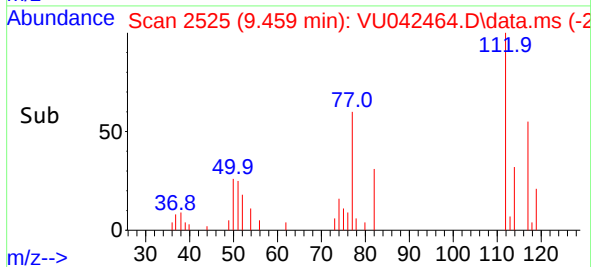
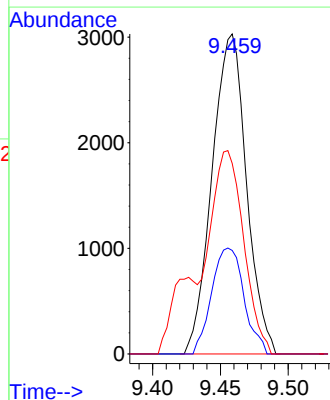
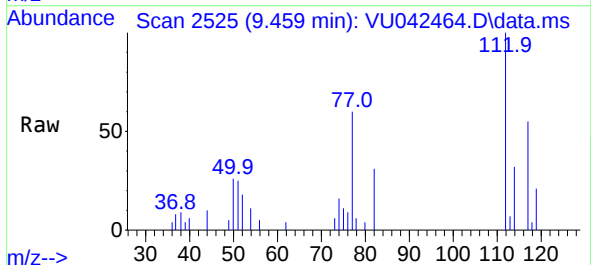
RT: 9.459 min Scan# 2525

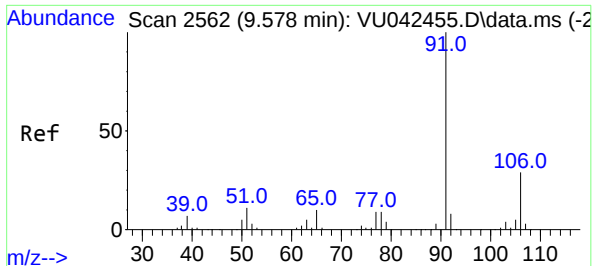
Delta R.T. 0.003 min

Lab File: VU042464.D

Acq: 01 Mar 2021 16:59

Tgt Ion:	112	Resp:	5348
Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.5	41.9
77	59.6	48.5	72.7





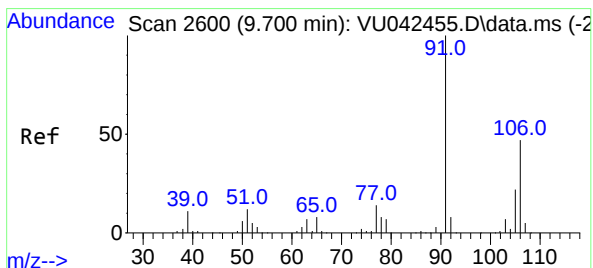
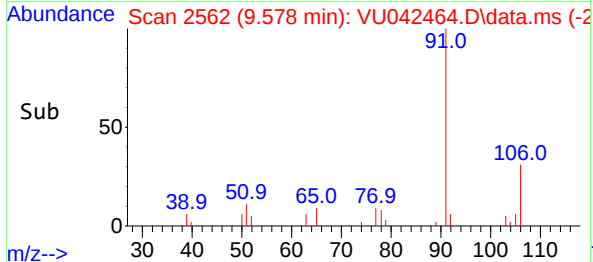
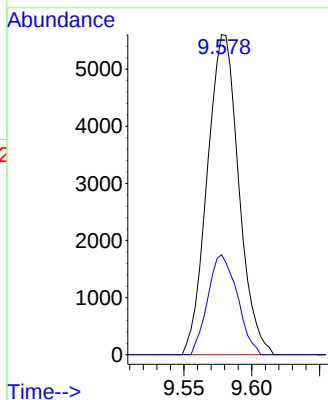
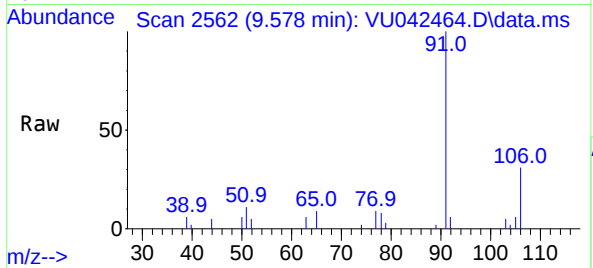
#52
Ethylbenzene
Concen: 0.26 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59

Tgt Ion: 91 Resp: 9062
Ion Ratio Lower Upper
91 100
106 31.2 20.6 38.2

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-04

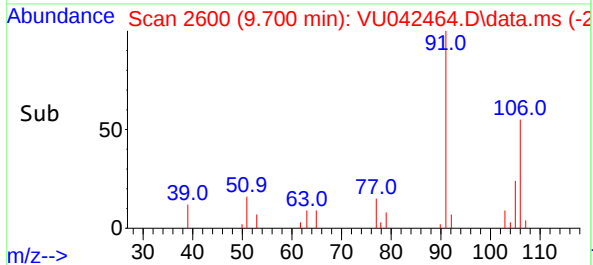
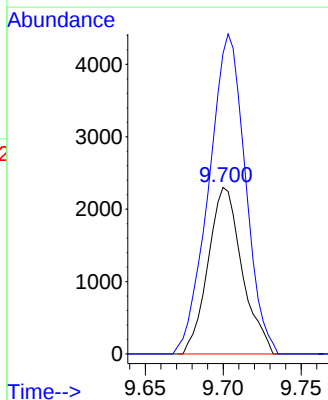
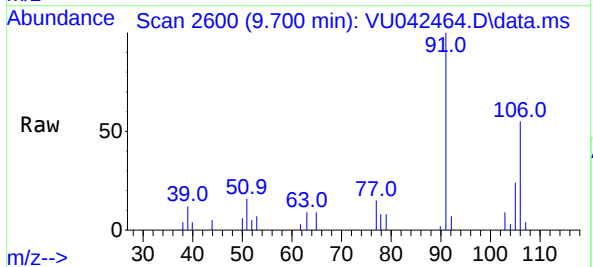
Manual Integrations
APPROVED

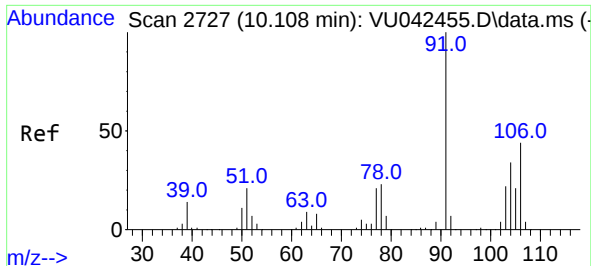
MMDadoda
3/3/2021 3:48:26 PM



#53
m,p-Xylene
Concen: 0.27 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59

Tgt Ion: 106 Resp: 3488
Ion Ratio Lower Upper
106 100
91 180.4 149.3 277.3





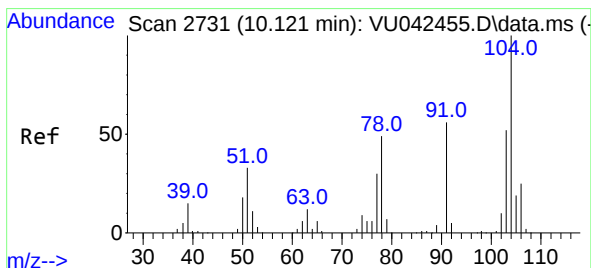
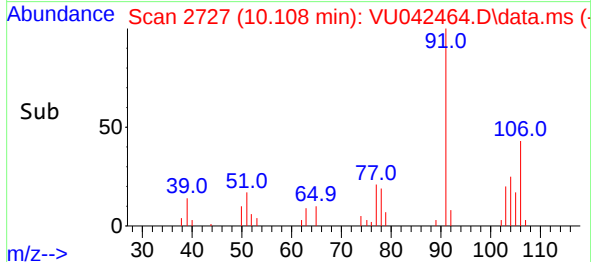
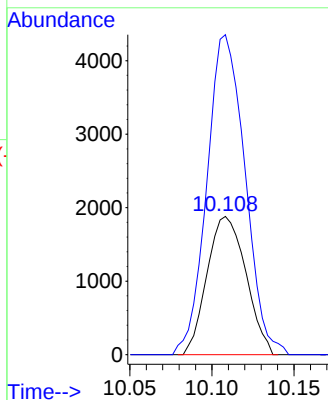
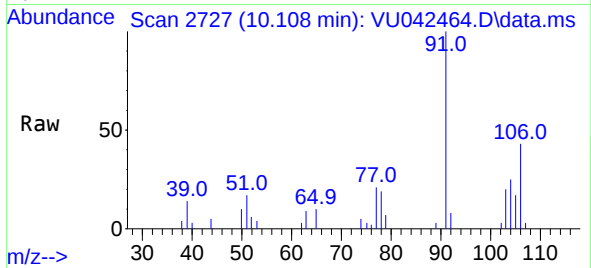
#54
o-Xylene
Concen: 0.25 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59

Tgt Ion:106 Resp: 3092
Ion Ratio Lower Upper
106 100
91 231.5 159.9 296.9

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-04

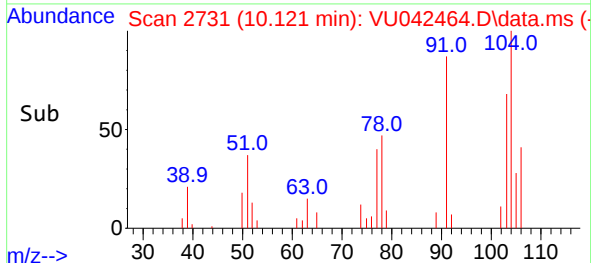
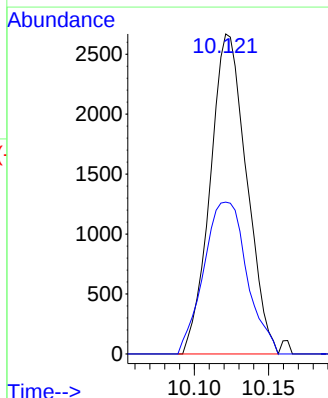
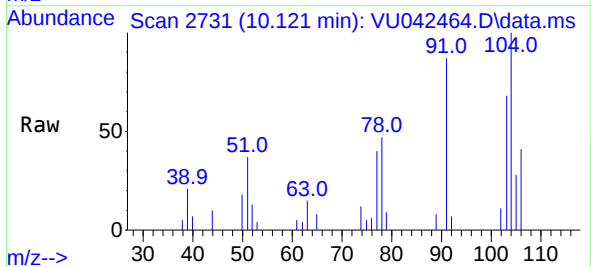
Manual Integrations
APPROVED

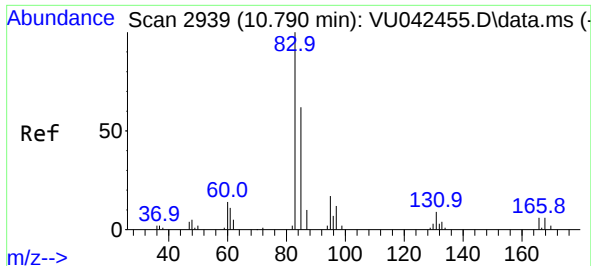
MMDadoda
3/3/2021 3:48:26 PM



#55
Styrene
Concen: 0.21 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59

Tgt Ion:104 Resp: 4547
Ion Ratio Lower Upper
104 100
78 47.5 34.6 64.3





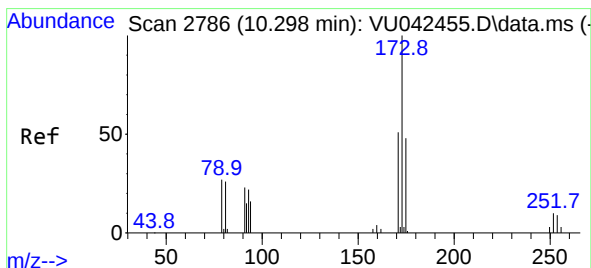
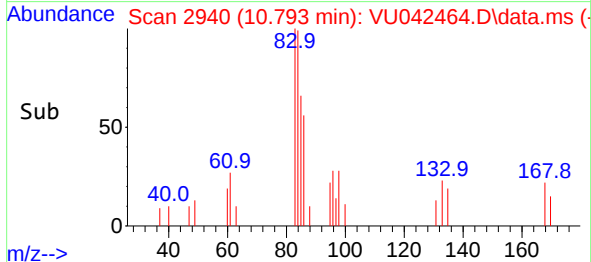
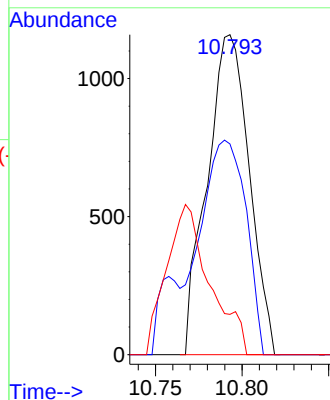
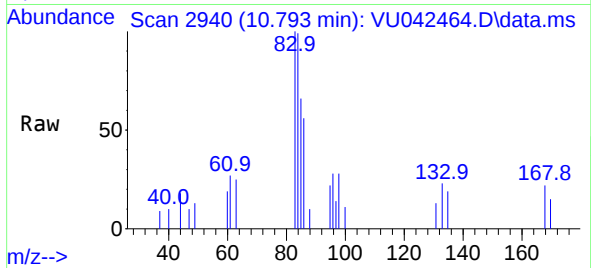
#57
1,1,2,2-Tetrachloroethane
Concen: 0.26 ug/L
RT: 10.793 min Scan# 2940
Delta R.T. 0.003 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59

Tgt Ion:	83	Resp:	1962
Ion	Ratio	Lower	Upper
83	100		
85	65.8	43.4	80.6
131	12.6	7.9	11.9#

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-04

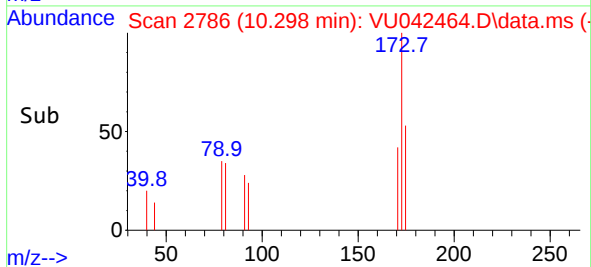
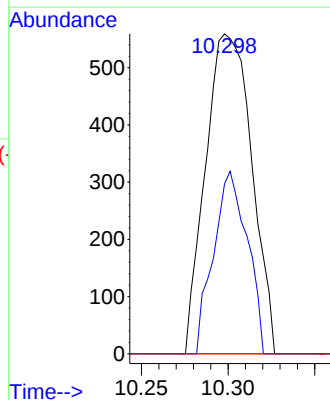
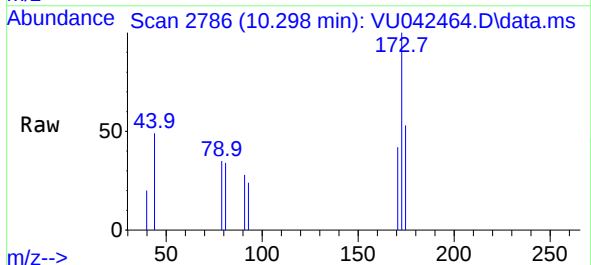
Manual Integrations
APPROVED

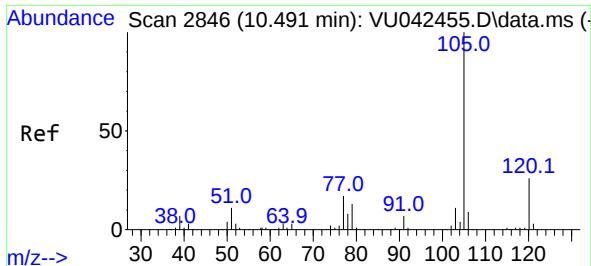
MMDadoda
3/3/2021 3:48:26 PM



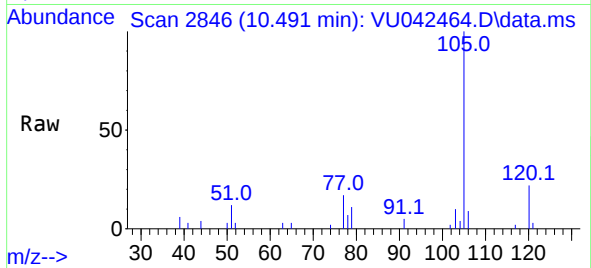
#59
Bromoform
Concen: 0.23 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59

Tgt Ion:	173	Resp:	1036
Ion	Ratio	Lower	Upper
173	100		
175	41.7	38.2	57.4
254	0.0	7.1	10.7#

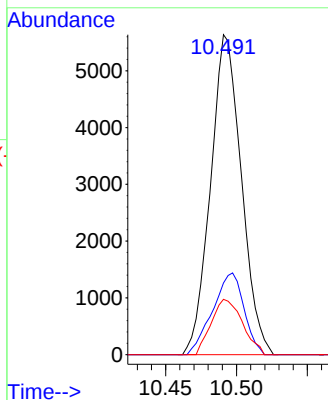
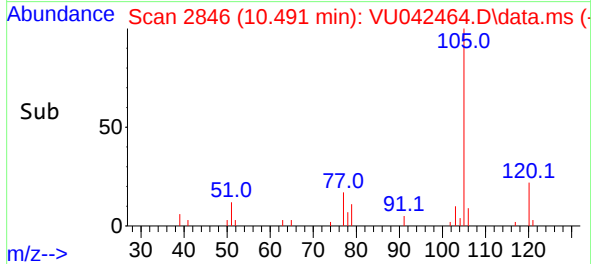




#60
Isopropylbenzene
Concen: 0.25 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59



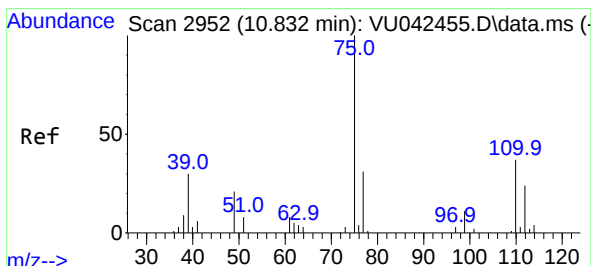
Tgt Ion: 105 Resp: 8538
Ion Ratio Lower Upper
105 100
120 26.0 20.7 31.1
77 17.5 13.6 20.4



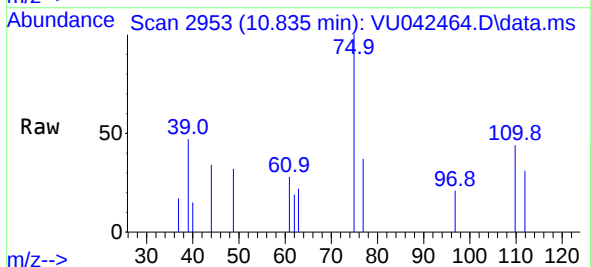
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-04

Manual Integrations
APPROVED

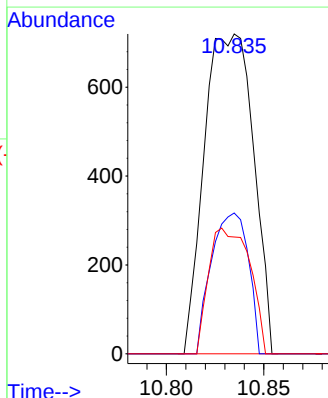
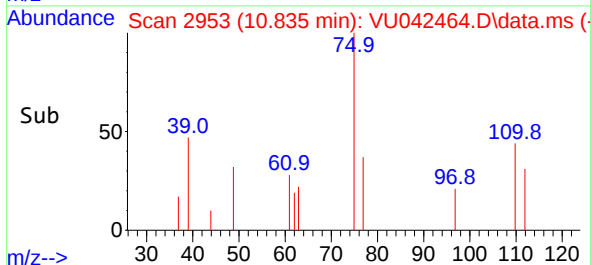
MMDadoda
3/3/2021 3:48:26 PM

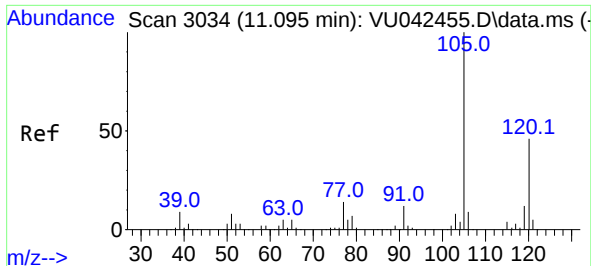


#61
1,2,3-Trichloropropane
Concen: 0.23 ug/L
RT: 10.835 min Scan# 2953
Delta R.T. 0.003 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59



Tgt Ion: 75 Resp: 1264
Ion Ratio Lower Upper
75 100
110 33.0 29.0 43.4
77 32.8 24.6 36.8





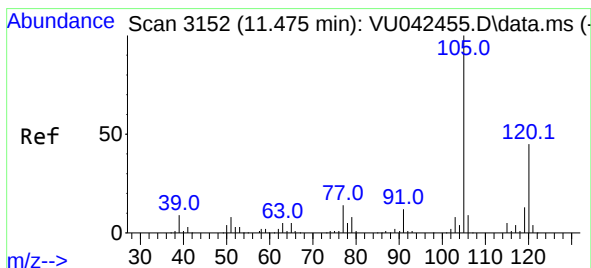
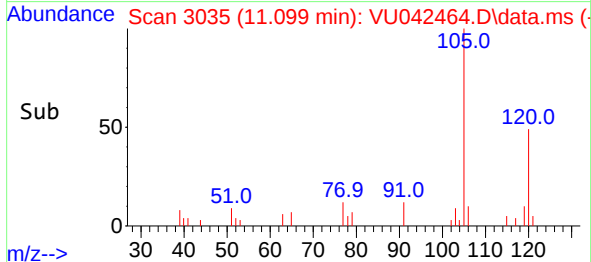
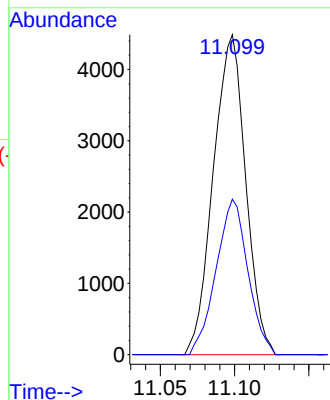
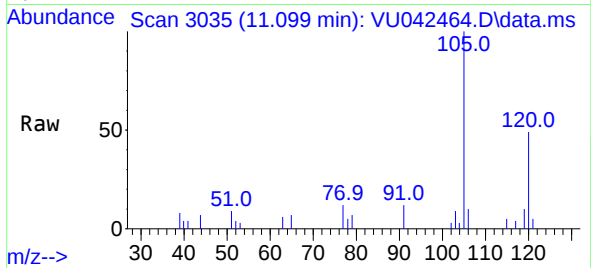
#62
1,3,5-Trimethylbenzene
Concen: 0.24 ug/L
RT: 11.099 min Scan# 3035
Delta R.T. 0.003 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59

Tgt Ion:105 Resp: 6799
Ion Ratio Lower Upper
105 100
120 47.8 37.3 55.9

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-04

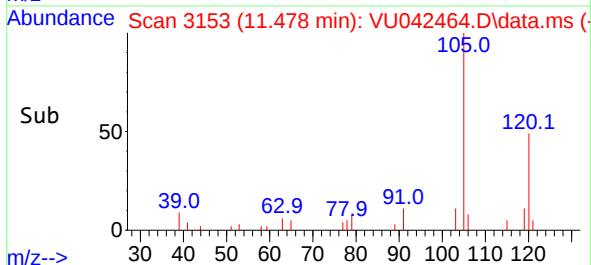
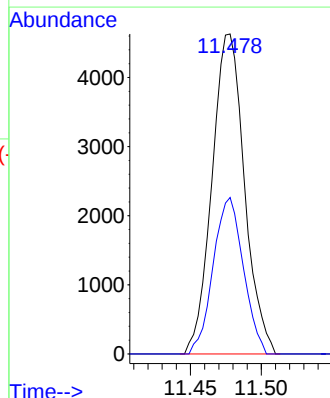
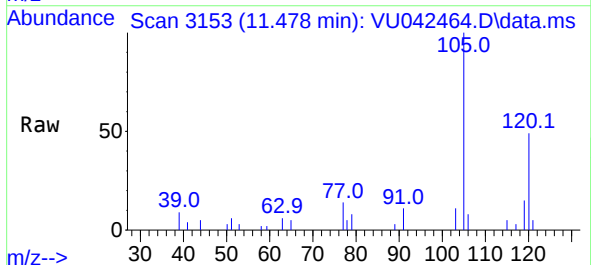
Manual Integrations
APPROVED

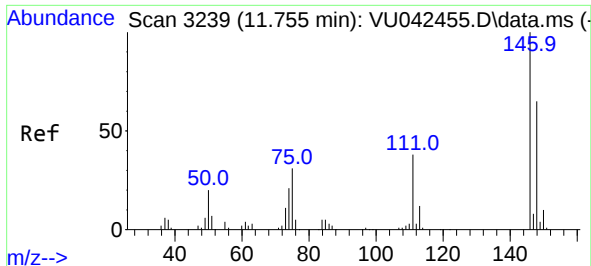
MMDadoda
3/3/2021 3:48:26 PM



#63
1,2,4-Trimethylbenzene
Concen: 0.26 ug/L
RT: 11.478 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59

Tgt Ion:105 Resp: 7377
Ion Ratio Lower Upper
105 100
120 45.3 35.5 53.3





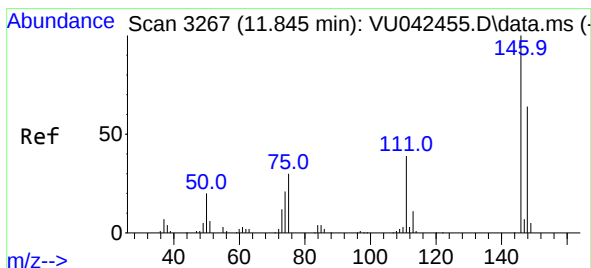
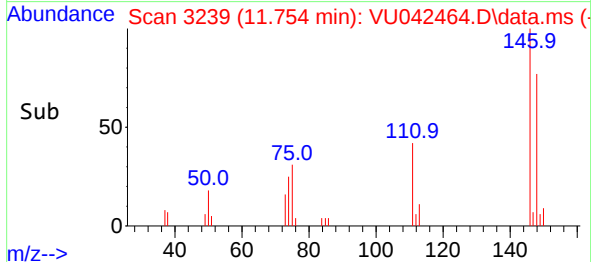
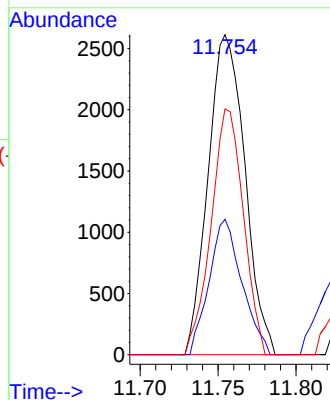
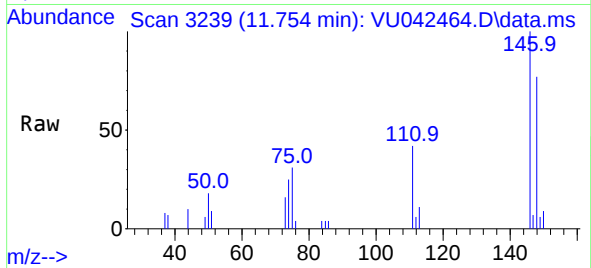
#64
1,3-Dichlorobenzene
Concen: 0.26 ug/L
RT: 11.754 min Scan# 3239
Delta R.T. -0.000 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59

Tgt Ion:146 Resp: 4284
Ion Ratio Lower Upper
146 100
111 42.3 26.6 49.4
148 76.8 45.1 83.9

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-04

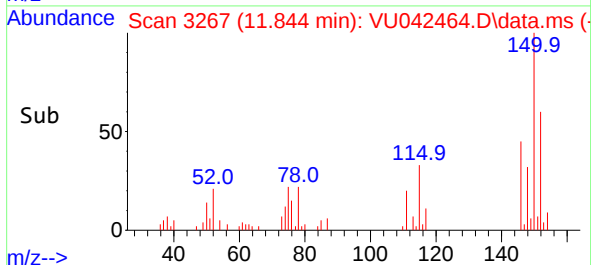
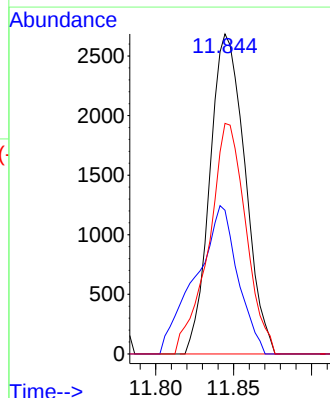
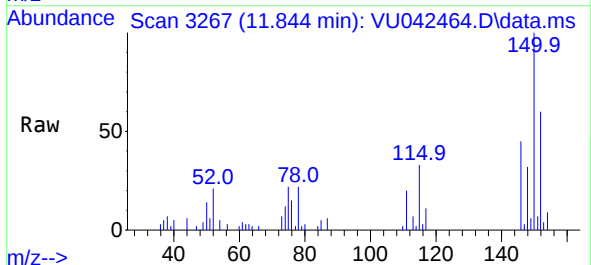
Manual Integrations
APPROVED

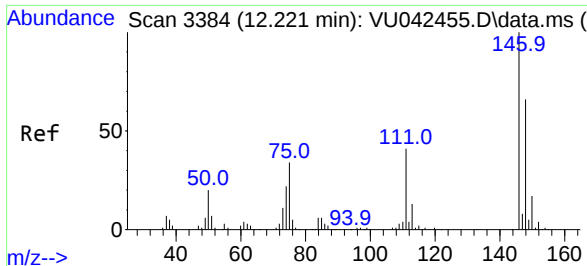
MMDadoda
3/3/2021 3:48:26 PM



#65
1,4-Dichlorobenzene
Concen: 0.26 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. -0.000 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59

Tgt Ion:146 Resp: 4202
Ion Ratio Lower Upper
146 100
111 44.9 27.4 50.8
148 72.0 44.7 83.1





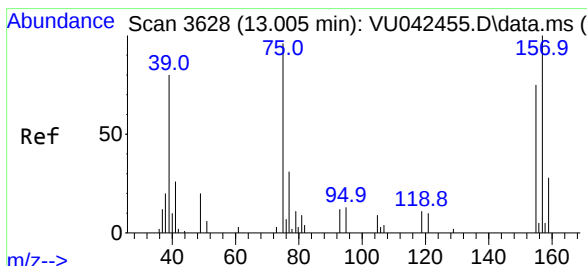
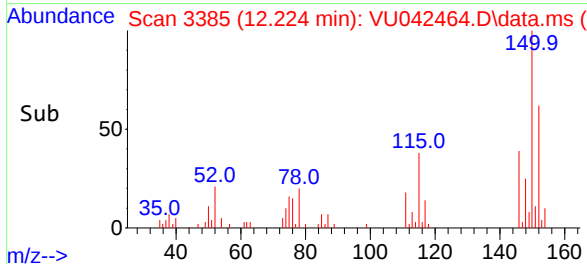
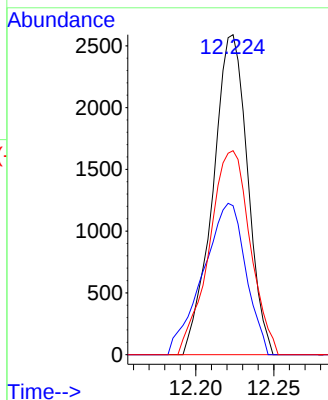
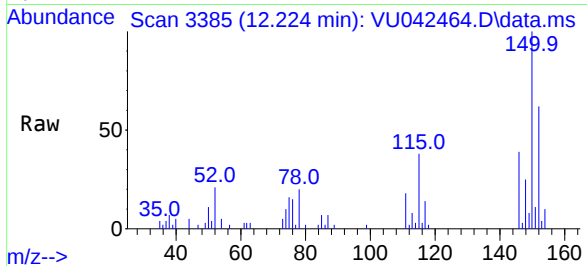
#67
1,2-Dichlorobenzene
Concen: 0.26 ug/L
RT: 12.224 min Scan# 3385
Delta R.T. 0.003 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59

Tgt Ion: 146 Resp: 4008
Ion Ratio Lower Upper
146 100
111 46.6 33.0 49.6
148 63.7 52.4 78.6

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-04

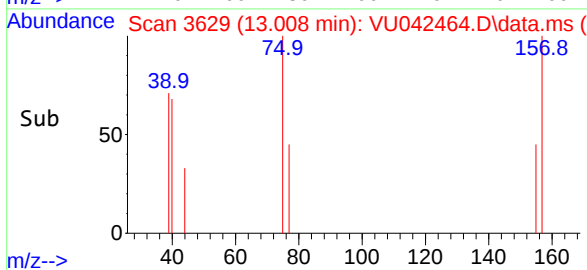
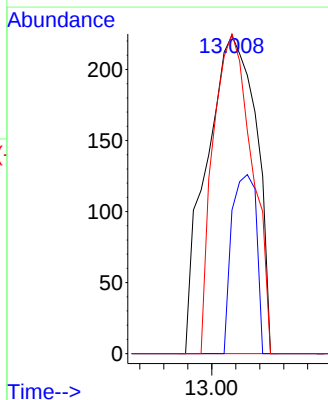
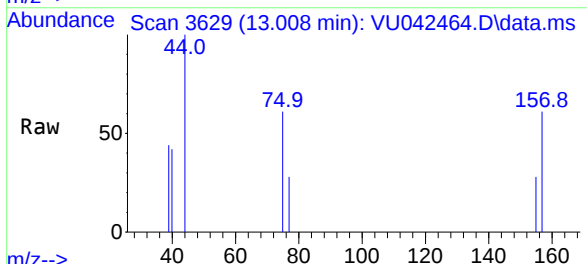
Manual Integrations
APPROVED

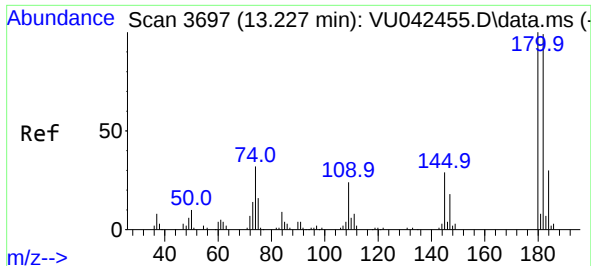
MMDadoda
3/3/2021 3:48:26 PM



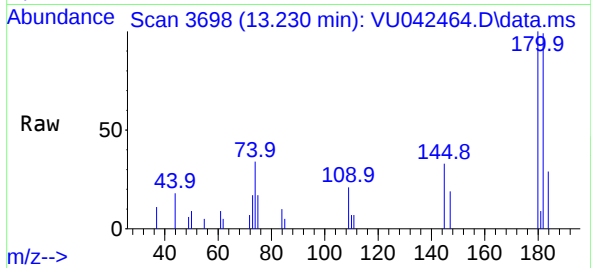
#68
1,2-Dibromo-3-chloropropane
Concen: 0.23 ug/L
RT: 13.008 min Scan# 3629
Delta R.T. 0.003 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59

Tgt Ion: 75 Resp: 322
Ion Ratio Lower Upper
75 100
155 45.1 62.2 93.4#
157 100.4 83.4 125.0

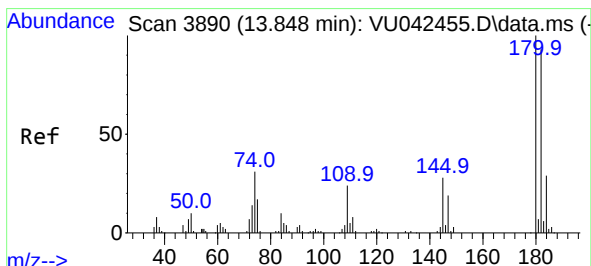
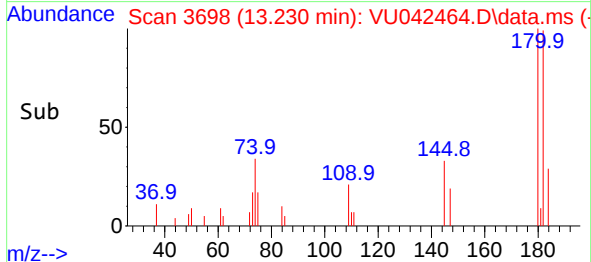
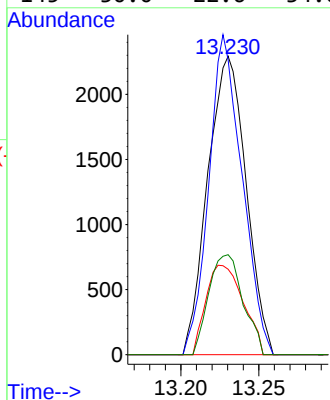




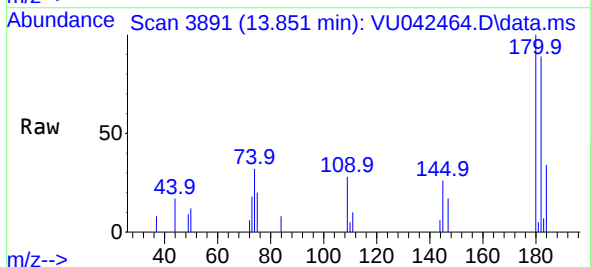
#69
1,3,5-Trichlorobenzene
Concen: 0.30 ug/L
RT: 13.230 min Scan# 3698
Delta R.T. 0.003 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59



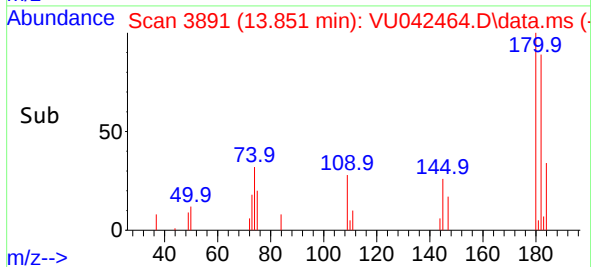
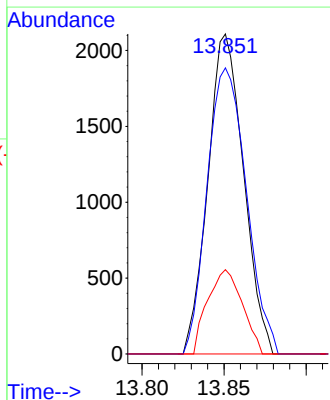
Tgt Ion:180 Resp: 3916
Ion Ratio Lower Upper
180 100
182 93.0 78.2 117.4
184 29.2 23.9 35.9
145 30.0 22.6 34.0



#70
1,2,4-trichlorobenzene
Concen: 0.31 ug/L
RT: 13.851 min Scan# 3891
Delta R.T. 0.003 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59



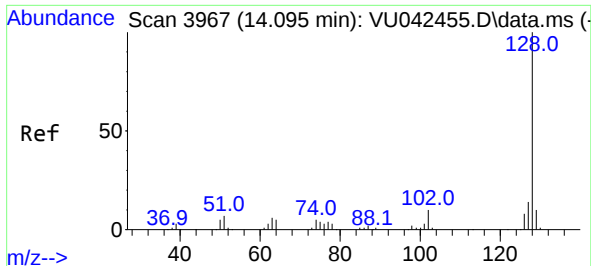
Tgt Ion:180 Resp: 3183
Ion Ratio Lower Upper
180 100
182 98.4 75.4 113.0
145 25.7 22.9 34.3



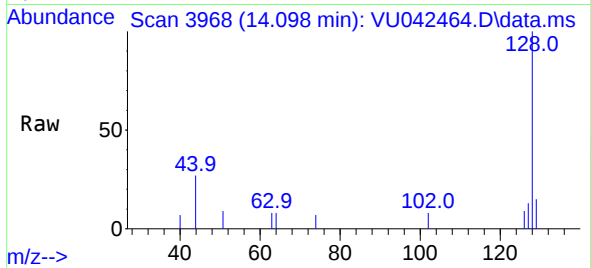
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-04

Manual Integrations
APPROVED

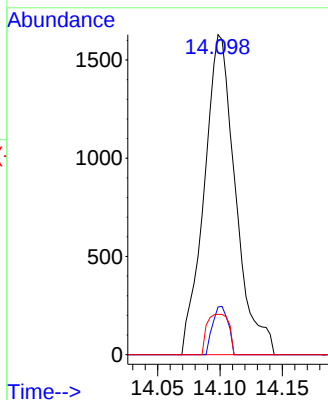
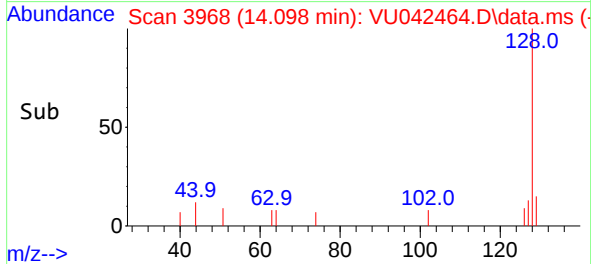
MMDadoda
3/3/2021 3:48:26 PM



#71
Naphthalene
Concen: 0.17 ug/L
RT: 14.098 min Scan# 3968
Delta R.T. 0.003 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59



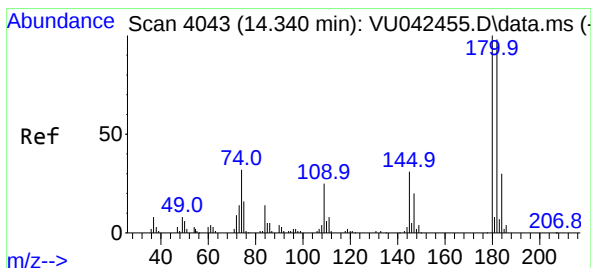
Tgt Ion:128 Resp: 2848
Ion Ratio Lower Upper
128 100
129 7.4 8.6 12.8#
127 8.8 10.6 16.0#



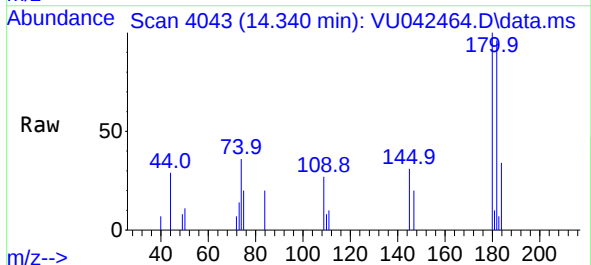
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-04

Manual Integrations
APPROVED

MMDadoda
3/3/2021 3:48:26 PM



#72
1,2,3-Trichlorobenzene
Concen: 0.29 ug/L
RT: 14.340 min Scan# 4043
Delta R.T. -0.000 min
Lab File: VU042464.D
Acq: 01 Mar 2021 16:59



Tgt Ion:180 Resp: 2702
Ion Ratio Lower Upper
180 100
182 96.6 77.0 115.4
145 24.2 24.9 37.3#

