

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032521\
 Data File : VX021482.D
 Acq On : 25 Mar 2021 13:54
 Operator : JC/MD
 Sample : M1458-08 1.0 LOQ
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2021

Manual Integrations
 APPROVED

MMDadoda
 3/26/2021 1:14:03 PM

Quant Time: Mar 26 04:16:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 26 04:13:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	69572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	119693	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	106283	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	48948	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	58594	50.62	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.24%
35) Dibromofluoromethane	5.464	113	40082	47.14	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.28%
50) Toluene-d8	8.694	98	141811	46.81	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.62%
62) 4-Bromofluorobenzene	11.118	95	51501	43.72	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.44%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	678	0.89	ug/l	98
3) Chloromethane	1.311	50	2702	2.77	ug/l	99
4) Vinyl Chloride	1.393	62	813	1.04	ug/l	97
5) Bromomethane	1.623	94	573	1.82	ug/l #	76
6) Chloroethane	1.705	64	503	1.01	ug/l #	61
7) Trichlorofluoromethane	1.911	101	1273	1.00	ug/l #	83
8) Diethyl Ether	2.176	74	516	1.17	ug/l	59
9) 1,1,2-Trichlorotrifluo...	2.364	101	750	1.05	ug/l	93
10) Methyl Iodide	2.487	142	537	1.07	ug/l #	76
11) Tert butyl alcohol	3.011	59	1052	5.50	ug/l #	86
12) 1,1-Dichloroethene	2.358	96	630	0.90	ug/l #	83
13) Acrolein	2.276	56	633	5.94	ug/l #	78
14) Allyl chloride	2.699	41	1427	1.00	ug/l #	81
15) Acrylonitrile	3.123	53	2306	5.07	ug/l	97
16) Acetone	2.423	43	2526	5.77	ug/l	90
17) Carbon Disulfide	2.552	76	1795	0.91	ug/l	100
18) Methyl Acetate	2.758	43	1339	1.06	ug/l #	82
19) Methyl tert-butyl Ether	3.176	73	2355	0.90	ug/l	93
20) Methylene Chloride	2.834	84	1048	1.23	ug/l #	82
21) trans-1,2-Dichloroethene	3.140	96	789	1.02	ug/l	84
22) Diisopropyl ether	3.823	45	2568	0.93	ug/l #	91
23) Vinyl Acetate	3.788	43	9697	4.15	ug/l	96
24) 1,1-Dichloroethane	3.670	63	1432	0.96	ug/l #	81
25) 2-Butanone	4.646	43	3289	4.96	ug/l	92
26) 2,2-Dichloropropane	4.546	77	1101	0.85	ug/l	77
27) cis-1,2-Dichloroethene	4.564	96	864	0.97	ug/l	86
28) Bromochloromethane	4.988	49	891	1.19	ug/l #	68
29) Tetrahydrofuran	5.099	42	2166	5.04	ug/l #	83
30) Chloroform	5.182	83	1522	0.97	ug/l #	77
31) Cyclohexane	5.552	56	1154	0.91	ug/l	93
32) 1,1,1-Trichloroethane	5.464	97	1252	0.90	ug/l #	49
36) 1,1-Dichloropropene	5.764	75	1061	0.90	ug/l	86
37) Ethyl Acetate	4.805	43	1494	1.10	ug/l #	73
38) Carbon Tetrachloride	5.758	117	1149	0.91	ug/l	97
39) Methylcyclohexane	7.441	83	1078	0.83	ug/l	87
40) Benzene	6.117	78	3011	0.90	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032521\
 Data File : VX021482.D
 Acq On : 25 Mar 2021 13:54
 Operator : JC/MD
 Sample : M1458-08 1.0 LOQ
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2021

Manual Integrations
 APPROVED

MMDadoda
 3/26/2021 1:14:03 PM

Quant Time: Mar 26 04:16:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 26 04:13:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.011	41	803	1.02	ug/l #	61
42) 1,2-Dichloroethane	6.164	62	1507	1.04	ug/l #	73
43) Isopropyl Acetate	6.417	43	2060	0.94	ug/l #	82
44) Trichloroethene	7.188	130	870	0.99	ug/l	87
45) 1,2-Dichloropropane	7.494	63	781	0.87	ug/l #	80
46) Dibromomethane	7.647	93	547	0.83	ug/l	86
47) Bromodichloromethane	7.876	83	1187	0.89	ug/l #	92
48) Methyl methacrylate	7.747	41	1030	0.88	ug/l #	76
49) 1,4-Dioxane	7.729	88	372	17.69	ug/l #	64
51) 4-Methyl-2-Pentanone	8.623	43	5824	4.30	ug/l	87
52) Toluene	8.765	92	1862	0.91	ug/l	97
53) t-1,3-Dichloropropene	9.029	75	1024	0.76	ug/l #	88
54) cis-1,3-Dichloropropene	8.418	75	1095	0.76	ug/l #	68
55) 1,1,2-Trichloroethane	9.200	97	715	0.82	ug/l	92
56) Ethyl methacrylate	9.159	69	1017	0.78	ug/l #	48
57) 1,3-Dichloropropane	9.353	76	1355	0.91	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.294	63	2919	3.98	ug/l	97
59) 2-Hexanone	9.471	43	4380	4.31	ug/l	83
60) Dibromochloromethane	9.565	129	791	0.81	ug/l	93
61) 1,2-Dibromoethane	9.653	107	802	0.86	ug/l	91
64) Tetrachloroethene	9.318	164	719	1.01	ug/l	87
65) Chlorobenzene	10.124	112	2010	0.94	ug/l #	88
66) 1,1,1,2-Tetrachloroethane	10.212	131	741	0.91	ug/l #	64
67) Ethyl Benzene	10.235	91	3372	0.87	ug/l	94
68) m/p-Xylenes	10.341	106	2334	1.68	ug/l	95
69) o-Xylene	10.683	106	1102	0.82	ug/l	88
70) Styrene	10.700	104	1828	0.79	ug/l	92
71) Bromoform	10.841	173	486	0.73	ug/l #	87
73) Isopropylbenzene	11.000	105	2736	0.80	ug/l	97
74) N-amyl acetate	10.877	43	1452	0.87	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.253	83	1201	0.99	ug/l	96
76) 1,2,3-Trichloropropane	11.283	75	1112m	0.98	ug/l	
77) Bromobenzene	11.241	156	790	0.93	ug/l	93
78) n-propylbenzene	11.341	91	3438	0.85	ug/l	97
79) 2-Chlorotoluene	11.406	91	2261	0.92	ug/l	99
80) 1,3,5-Trimethylbenzene	11.489	105	2597	0.88	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.053	75	259m	0.69	ug/l	
82) 4-Chlorotoluene	11.494	91	2536	0.87	ug/l	97
83) tert-Butylbenzene	11.753	119	2466	0.86	ug/l	93
84) 1,2,4-Trimethylbenzene	11.789	105	2400	0.81	ug/l	96
85) sec-Butylbenzene	11.930	105	2843	0.86	ug/l	96
86) p-Isopropyltoluene	12.047	119	2326	0.77	ug/l #	84
87) 1,3-Dichlorobenzene	12.006	146	1372	0.89	ug/l	94
88) 1,4-Dichlorobenzene	12.077	146	1469m	0.92	ug/l	
89) n-Butylbenzene	12.371	91	2135	0.78	ug/l	98
90) Hexachloroethane	12.577	117	419	0.77	ug/l	91
91) 1,2-Dichlorobenzene	12.377	146	1440	0.96	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	12.983	75	282	1.01	ug/l	62
93) 1,2,4-Trichlorobenzene	13.630	180	840	0.86	ug/l	96
94) Hexachlorobutadiene	13.765	225	375	0.85	ug/l	88
95) Naphthalene	13.818	128	2359	0.74	ug/l	97
96) 1,2,3-Trichlorobenzene	14.001	180	743	0.76	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032521\
Data File : VX021482.D
Acq On : 25 Mar 2021 13:54
Operator : JC/MD
Sample : M1458-08 1.0 LOQ
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2021

Manual Integrations
APPROVED

MMDadoda
3/26/2021 1:14:03 PM

Quant Time: Mar 26 04:16:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 26 04:13:36 2021
Response via : Initial Calibration

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

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

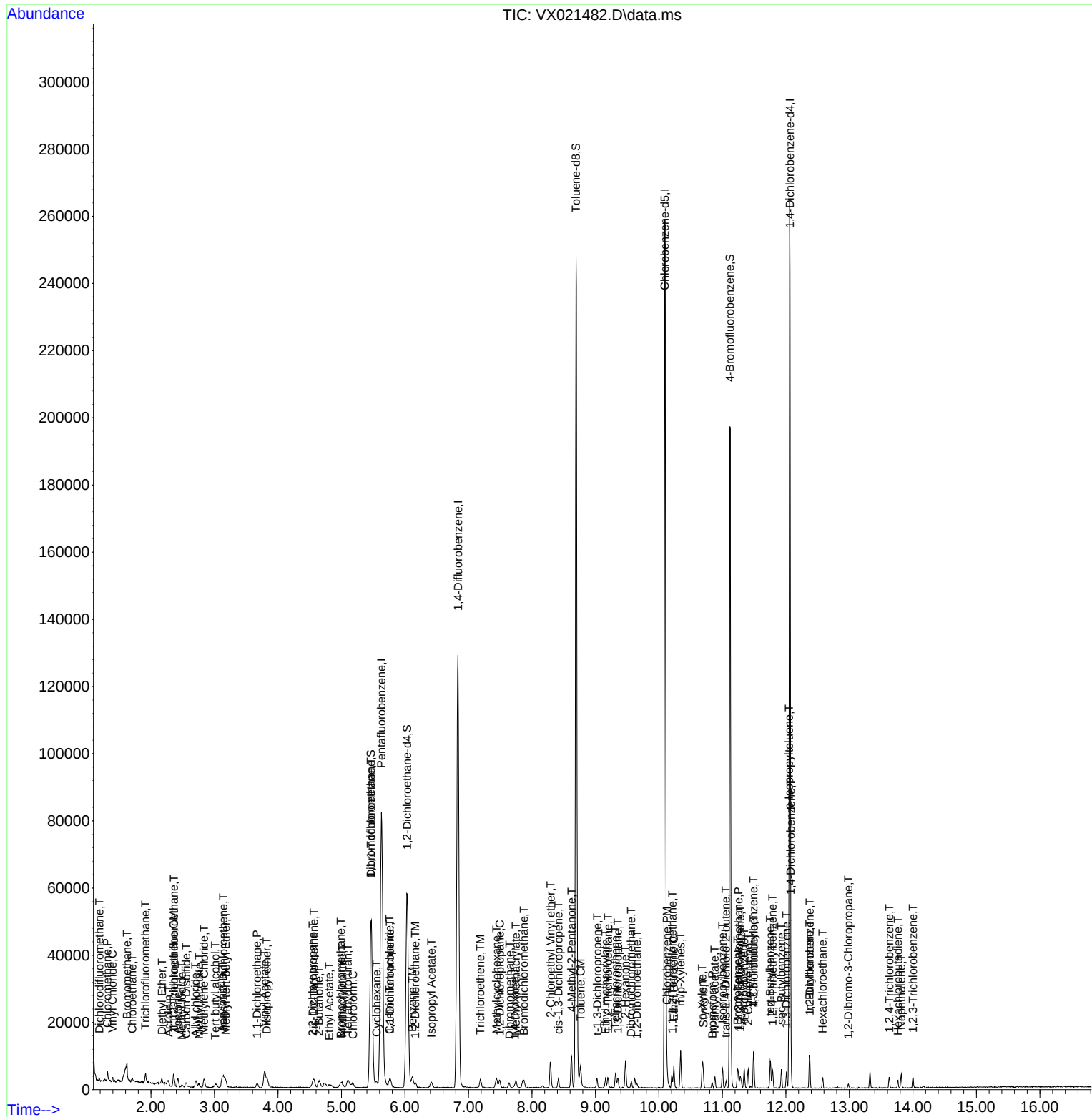
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032521\
Data File : VX021482.D
Acq On : 25 Mar 2021 13:54
Operator : JC/MD
Sample : M1458-08 1.0 LOQ
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

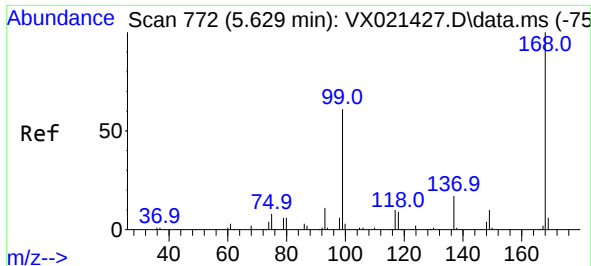
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2021

Manual Integrations
APPROVED

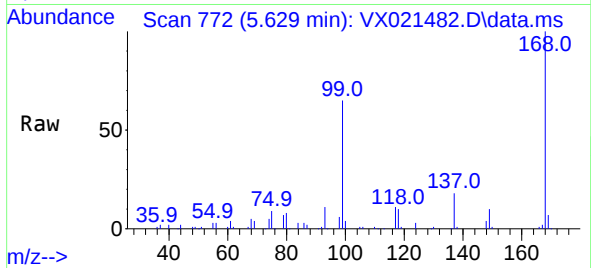
MMDadoda
3/26/2021 1:14:03 PM

Quant Time: Mar 26 04:16:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 26 04:13:36 2021
Response via : Initial Calibration

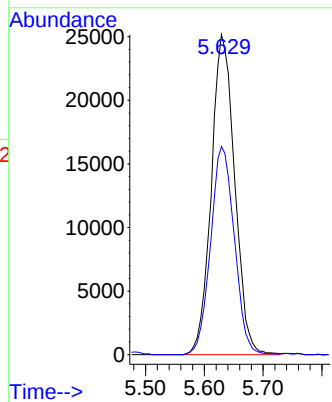
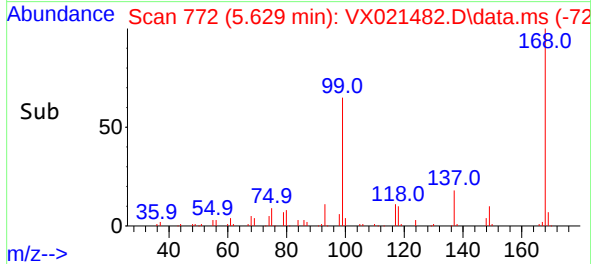




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54



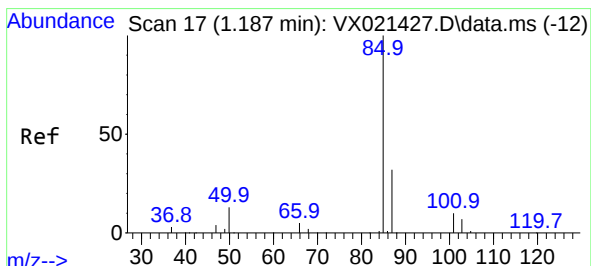
Tgt Ion:168 Resp: 69572
Ion Ratio Lower Upper
168 100
99 65.1 45.8 68.6



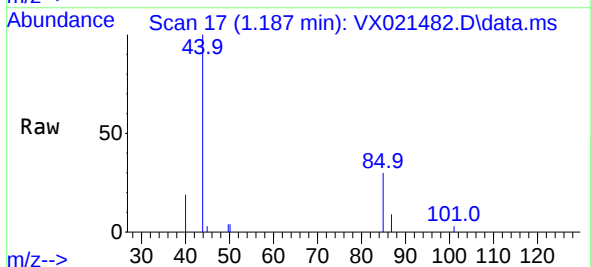
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2021

Manual Integrations
APPROVED

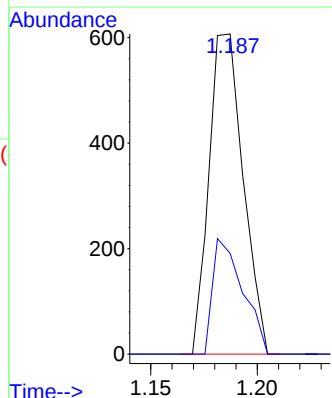
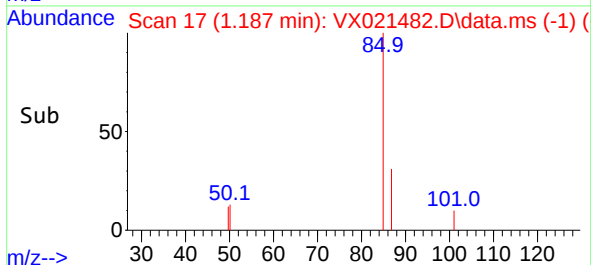
MMDadoda
3/26/2021 1:14:03 PM



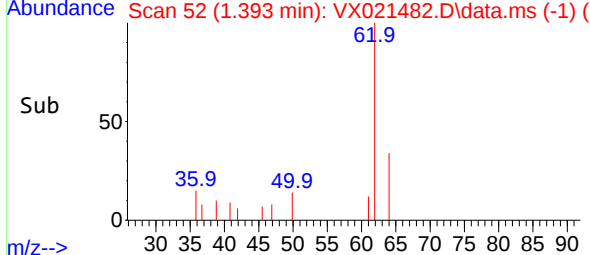
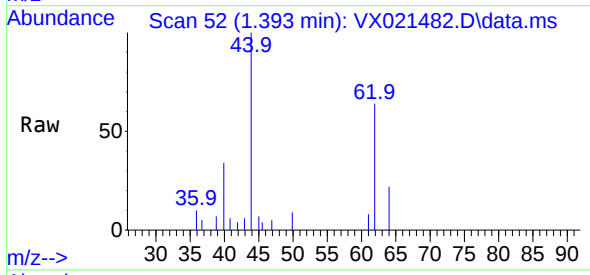
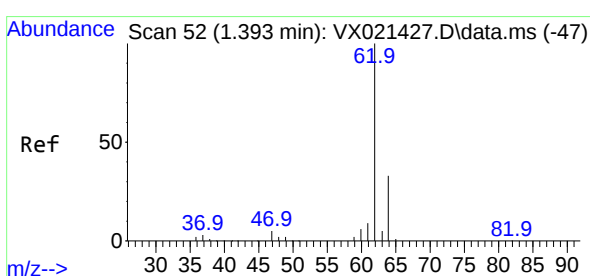
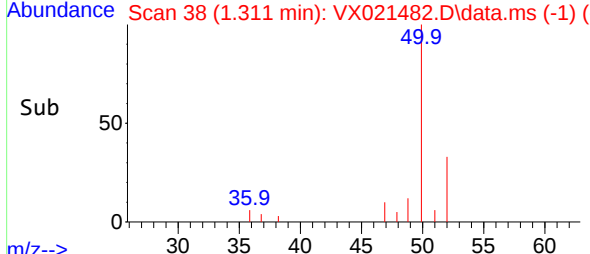
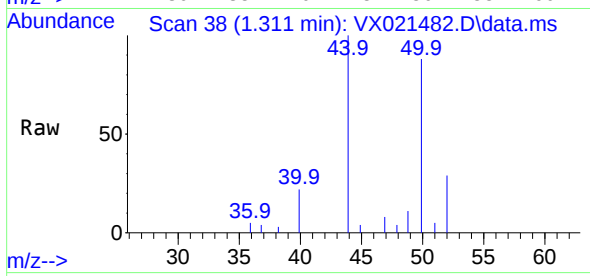
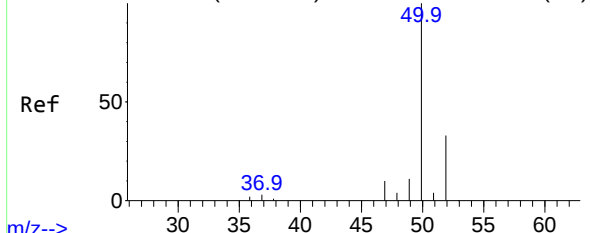
#2
Dichlorodifluoromethane
Concen: 0.89 ug/l
RT: 1.187 min Scan# 17
Delta R.T. 0.000 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54



Tgt Ion: 85 Resp: 678
Ion Ratio Lower Upper
85 100
87 31.5 16.4 49.2

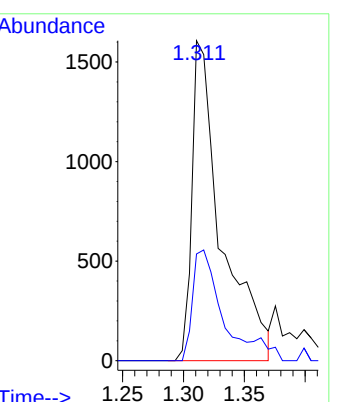


Abundance Scan 38 (1.311 min): VX021427.D\data.ms (-33)



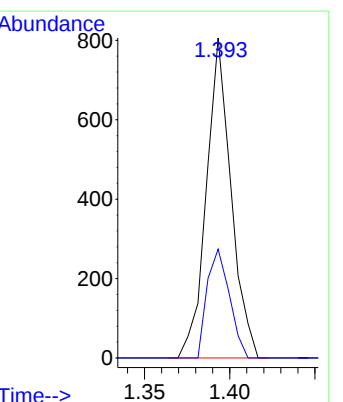
#3
Chloromethane
Concen: 2.77 ug/l
RT: 1.311 min Scan# 38
Delta R.T. -0.000 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

Tgt Ion: 50 Resp: 2702
Ion Ratio Lower Upper
50 100
52 33.4 26.4 39.6



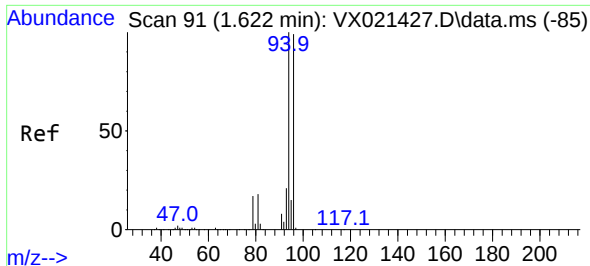
#4
Vinyl Chloride
Concen: 1.04 ug/l
RT: 1.393 min Scan# 52
Delta R.T. 0.000 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

Tgt Ion: 62 Resp: 813
Ion Ratio Lower Upper
62 100
64 34.0 25.7 38.5

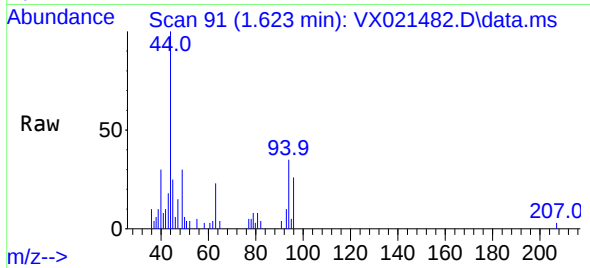


Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2021

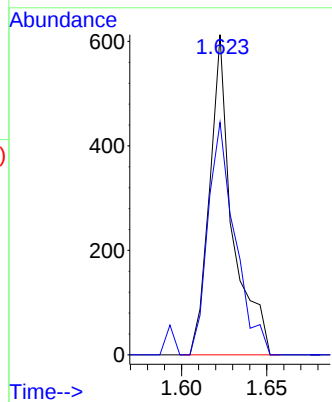
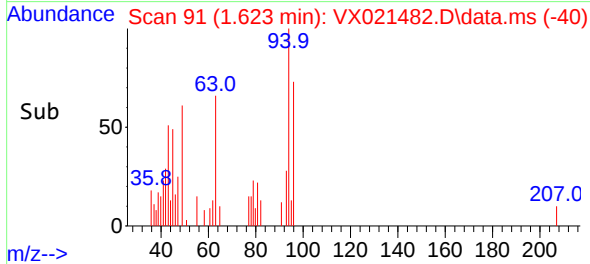
Manual Integrations
APPROVED
MMDadoda
3/26/2021 1:14:03 PM



#5
Bromomethane
Concen: 1.82 ug/l
RT: 1.623 min Scan# 91
Delta R.T. 0.001 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54



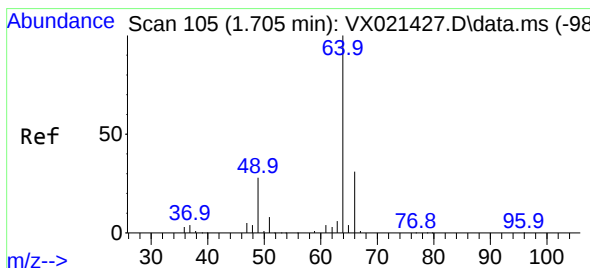
Tgt Ion: 94 Resp: 573
Ion Ratio Lower Upper
94 100
96 72.6 76.4 114.6#



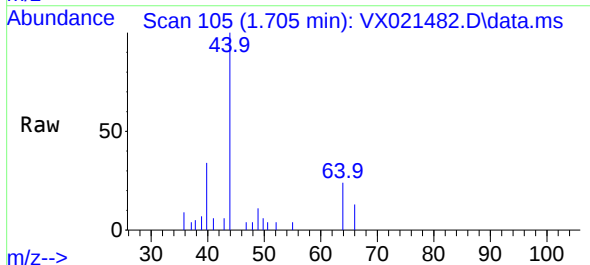
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2021

Manual Integrations
APPROVED

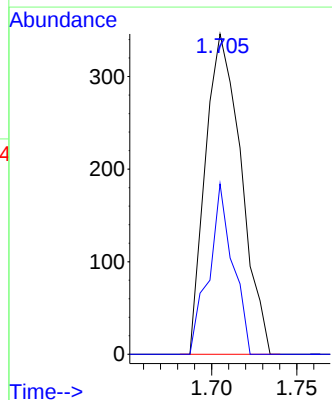
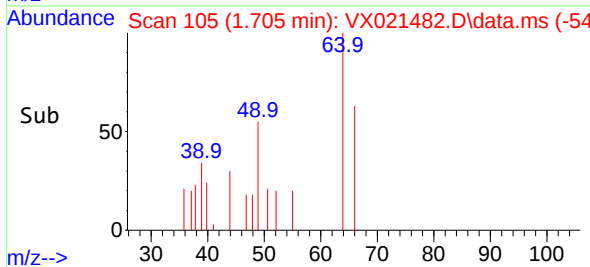
MMDadoda
3/26/2021 1:14:03 PM

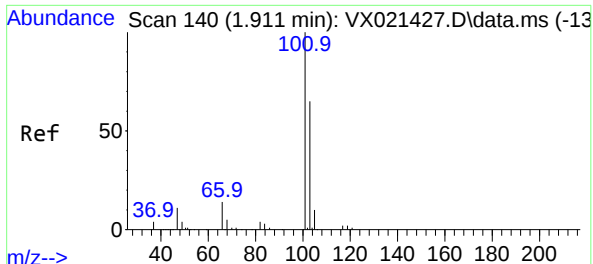


#6
Chloroethane
Concen: 1.01 ug/l
RT: 1.705 min Scan# 105
Delta R.T. -0.000 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54



Tgt Ion: 64 Resp: 503
Ion Ratio Lower Upper
64 100
66 53.2 25.4 38.0#





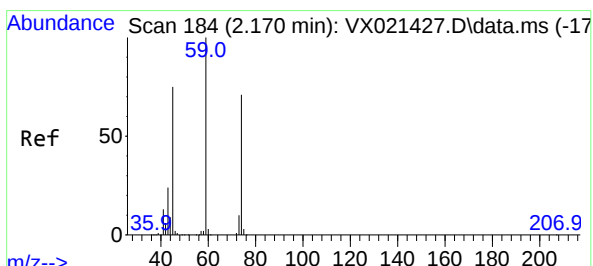
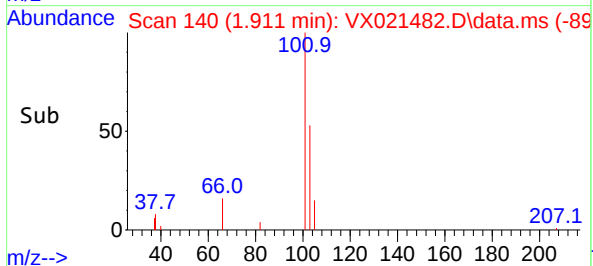
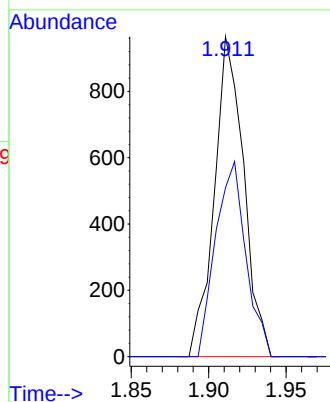
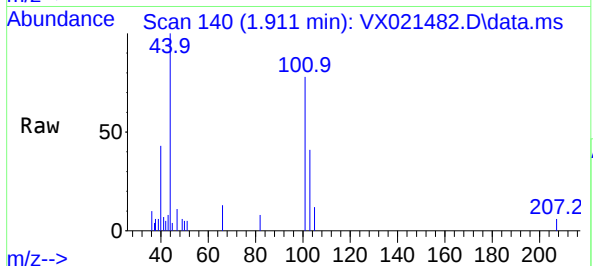
#7
Trichlorofluoromethane
Concen: 1.00 ug/l
RT: 1.911 min Scan# 140
Delta R.T. -0.000 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

Tgt Ion:101 Resp: 1273
Ion Ratio Lower Upper
101 100
103 52.7 53.2 79.8#

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2021

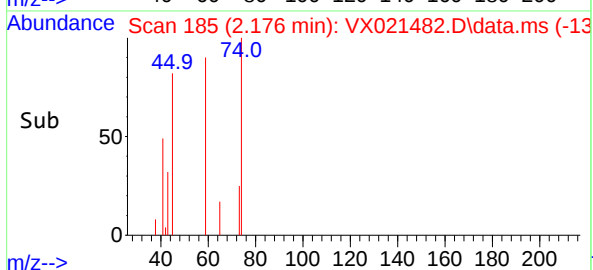
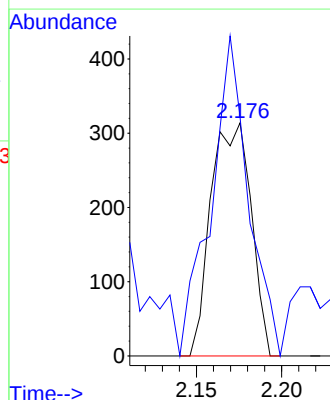
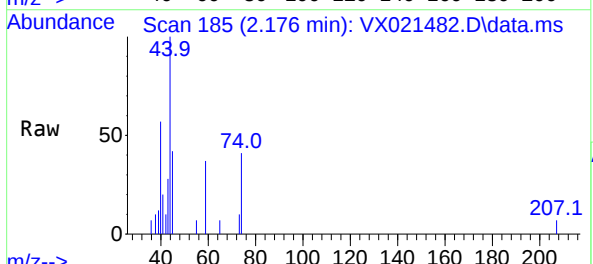
Manual Integrations
APPROVED

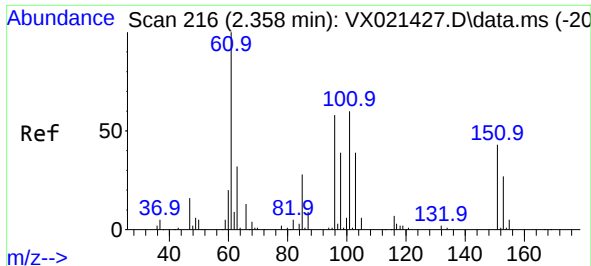
MMDadoda
3/26/2021 1:14:03 PM



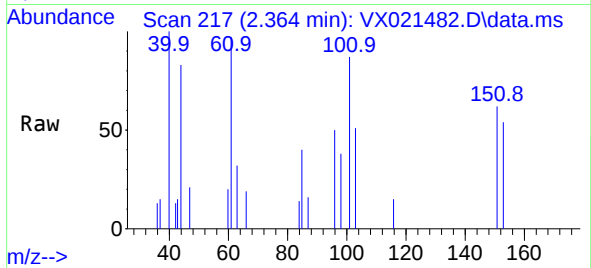
#8
Diethyl Ether
Concen: 1.17 ug/l
RT: 2.176 min Scan# 185
Delta R.T. 0.006 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

Tgt Ion: 74 Resp: 516
Ion Ratio Lower Upper
74 100
45 127.1 44.5 133.5

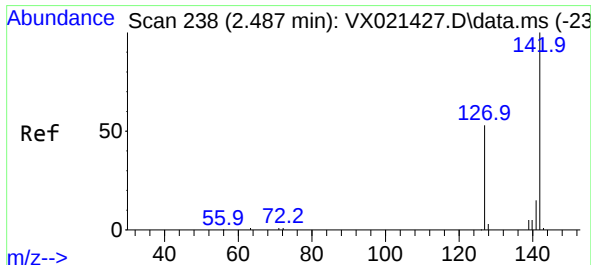
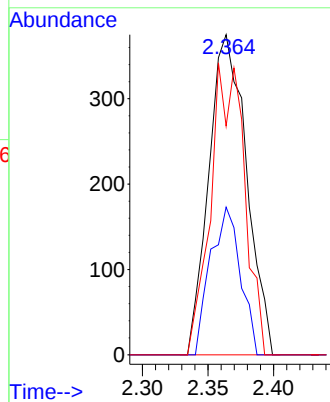
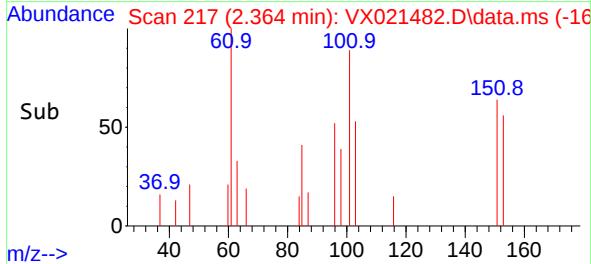




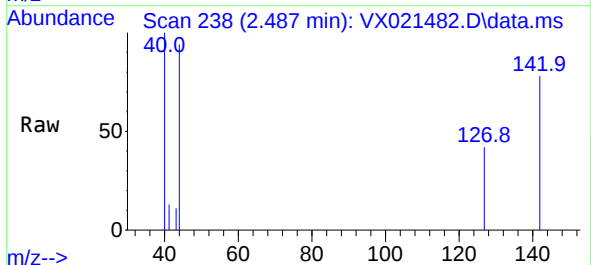
#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.05 ug/l
RT: 2.364 min Scan# 217
Delta R.T. 0.006 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54



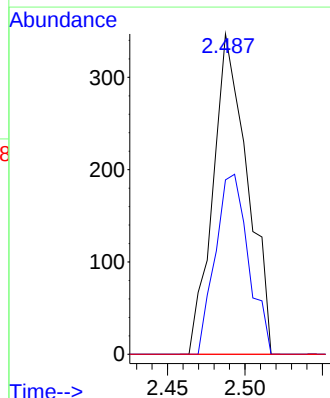
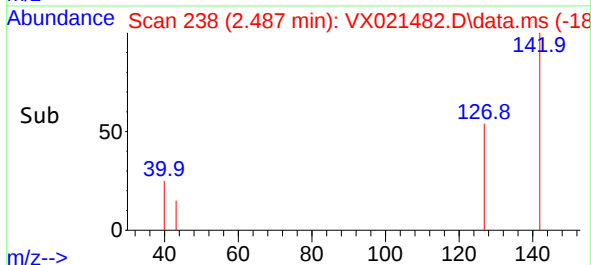
Tgt Ion:101 Resp: 750
Ion Ratio Lower Upper
101 100
85 36.7 34.9 52.3
151 81.5 61.4 92.2



#10
Methyl Iodide
Concen: 1.07 ug/l
RT: 2.487 min Scan# 238
Delta R.T. 0.000 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54



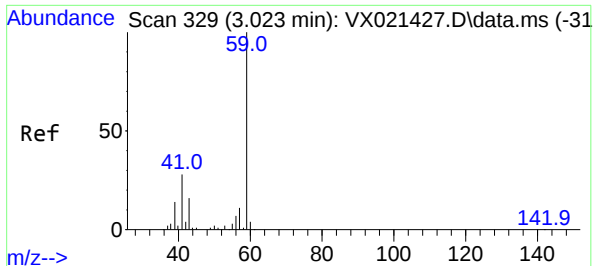
Tgt Ion:142 Resp: 537
Ion Ratio Lower Upper
142 100
127 54.0 33.3 49.9#
141 0.0 11.4 17.0#



Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2021

Manual Integrations
APPROVED

MMDadoda
3/26/2021 1:14:03 PM



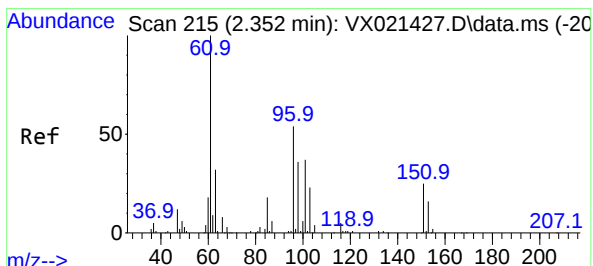
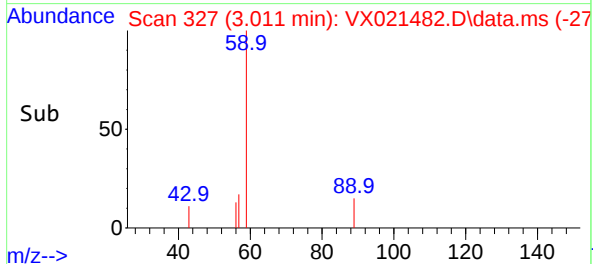
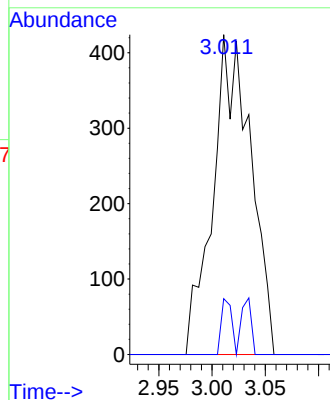
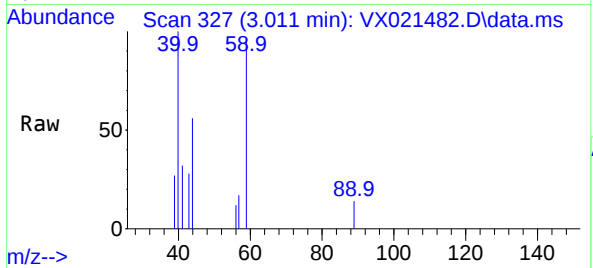
#11
Tert butyl alcohol
Concen: 5.50 ug/l
RT: 3.011 min Scan# 327
Delta R.T. -0.012 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

Tgt Ion: 59 Resp: 1052
Ion Ratio Lower Upper
59 100
57 4.7 7.8 11.8#

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2021

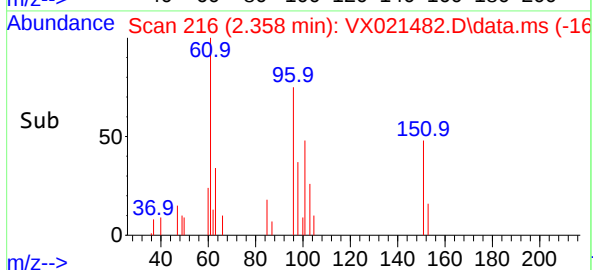
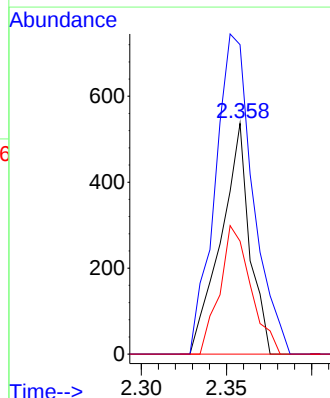
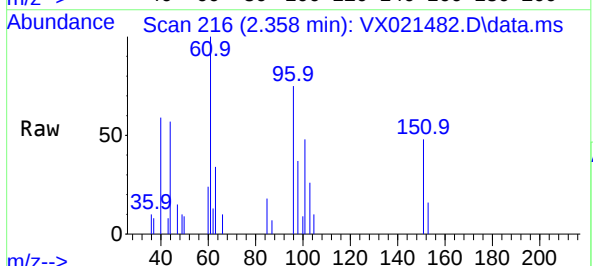
Manual Integrations
APPROVED

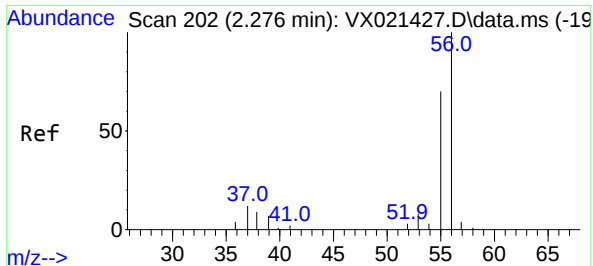
MMDadoda
3/26/2021 1:14:03 PM



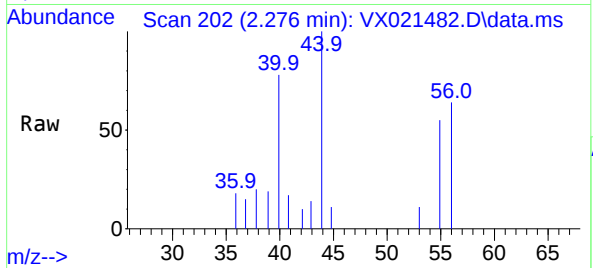
#12
1,1-Dichloroethene
Concen: 0.90 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

Tgt Ion: 96 Resp: 630
Ion Ratio Lower Upper
96 100
61 134.1 124.6 187.0
98 49.0 50.6 76.0#

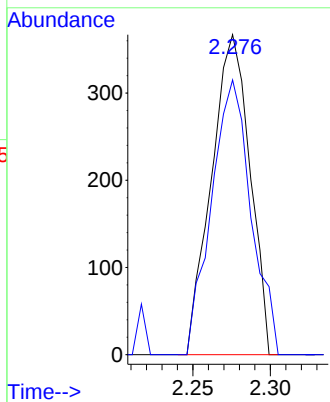
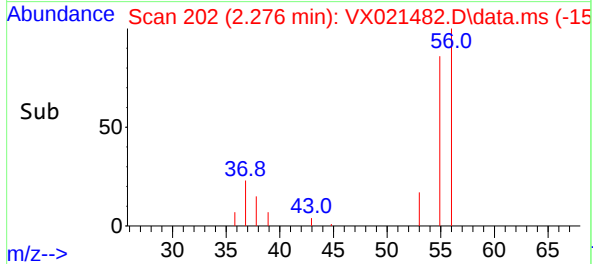




#13
Acrolein
Concen: 5.94 ug/l
RT: 2.276 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54



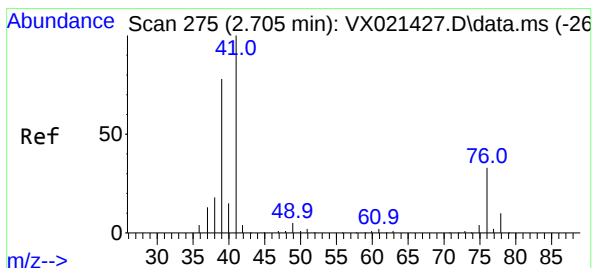
Tgt Ion: 56 Resp: 633
Ion Ratio Lower Upper
56 100
55 88.6 56.4 84.6#



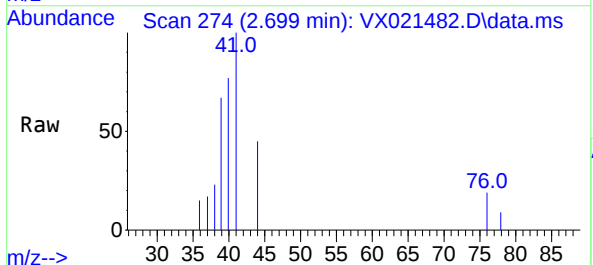
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2021

Manual Integrations
APPROVED

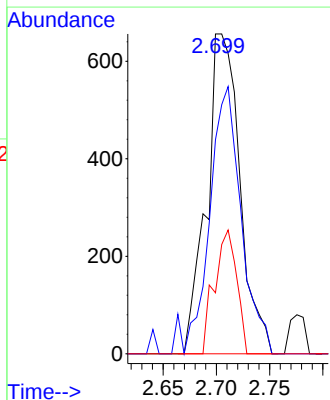
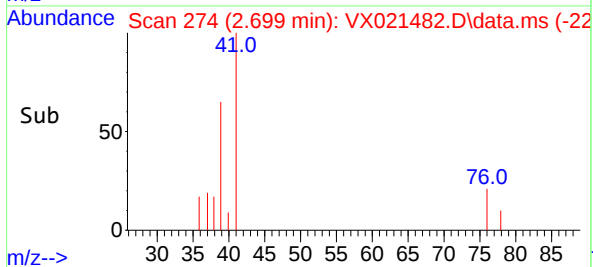
MMDadoda
3/26/2021 1:14:03 PM

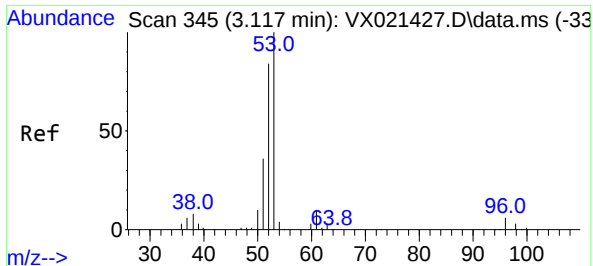


#14
Allyl chloride
Concen: 1.00 ug/l
RT: 2.699 min Scan# 274
Delta R.T. -0.006 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

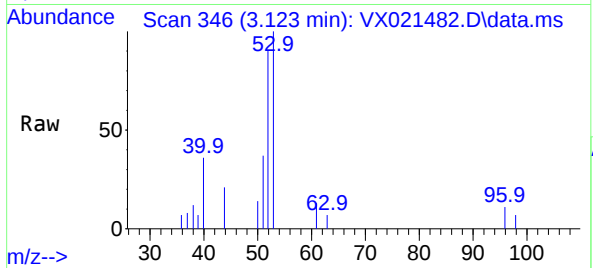


Tgt Ion: 41 Resp: 1427
Ion Ratio Lower Upper
41 100
39 78.1 51.6 77.4#
76 25.6 30.5 45.7#

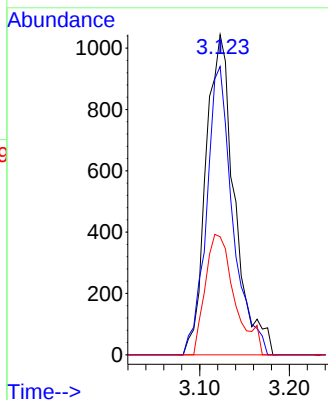
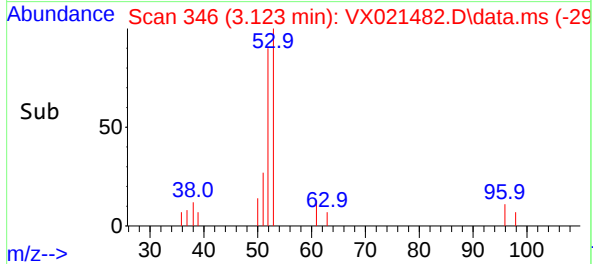




#15
Acrylonitrile
Concen: 5.07 ug/l
RT: 3.123 min Scan# 346
Delta R.T. 0.006 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54



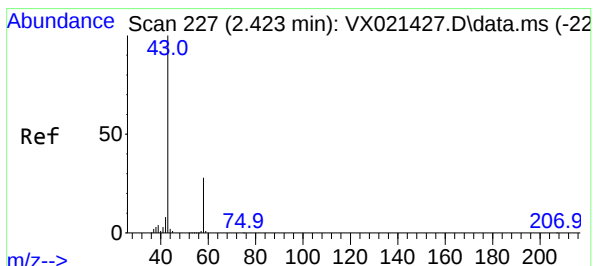
Tgt Ion: 53 Resp: 2306
Ion Ratio Lower Upper
53 100
52 83.1 65.3 97.9
51 38.5 28.2 42.2



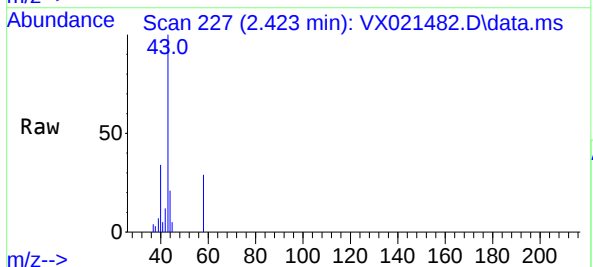
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2021

Manual Integrations
APPROVED

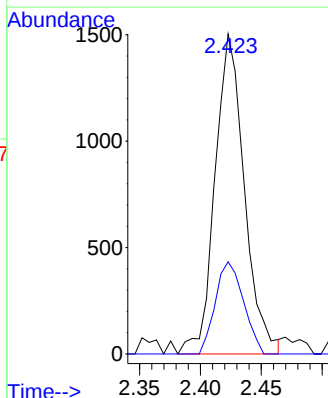
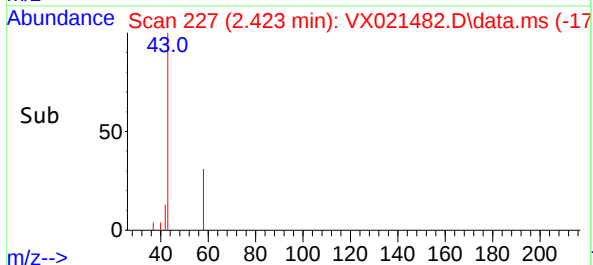
MMDadoda
3/26/2021 1:14:03 PM

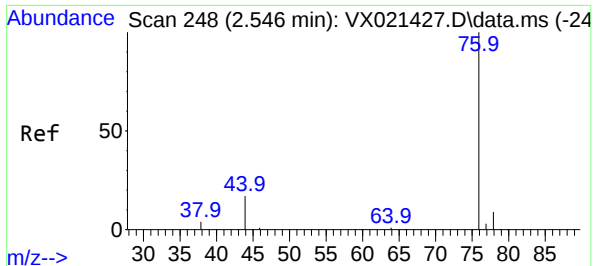


#16
Acetone
Concen: 5.77 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54



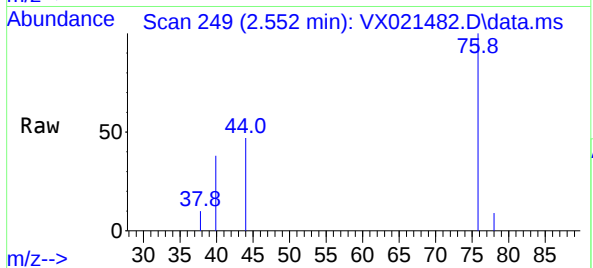
Tgt Ion: 43 Resp: 2526
Ion Ratio Lower Upper
43 100
58 28.8 27.8 41.8





#17
Carbon Disulfide
Concen: 0.91 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.006 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

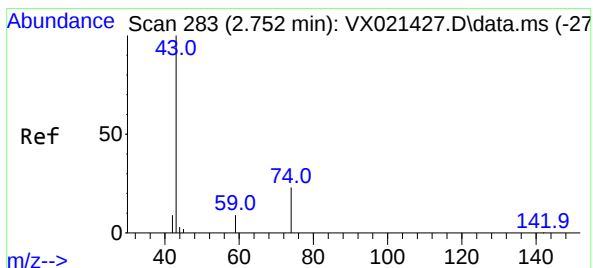
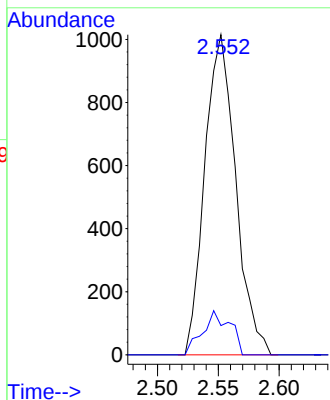
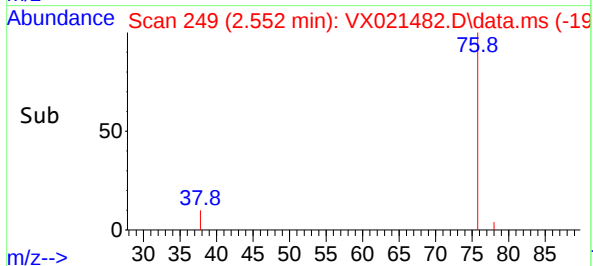
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2021



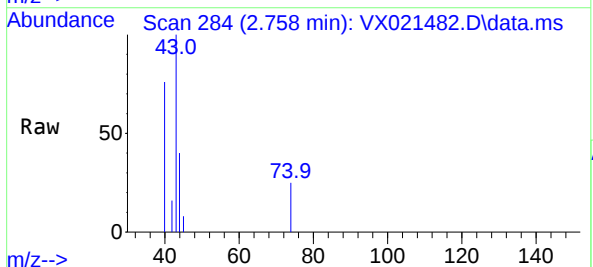
Tgt Ion: 76 Resp: 1795
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

Manual Integrations
APPROVED

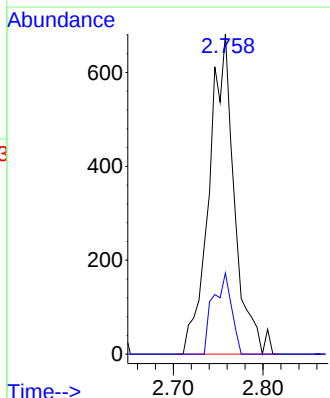
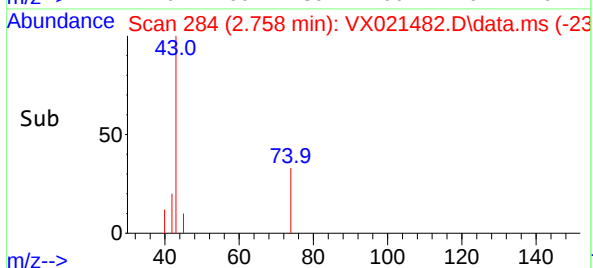
MMDadoda
3/26/2021 1:14:03 PM

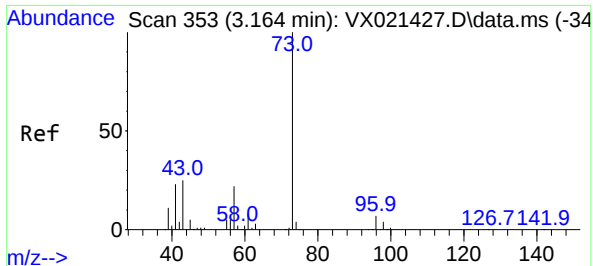


#18
Methyl Acetate
Concen: 1.06 ug/l
RT: 2.758 min Scan# 284
Delta R.T. 0.006 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54



Tgt Ion: 43 Resp: 1339
Ion Ratio Lower Upper
43 100
74 18.2 21.9 32.9#





#19

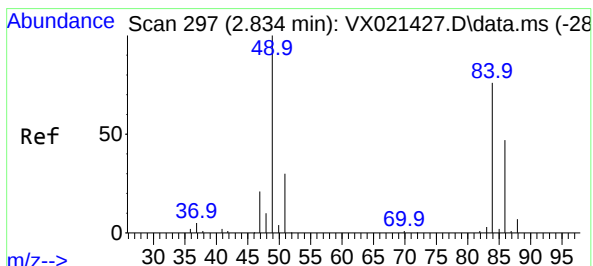
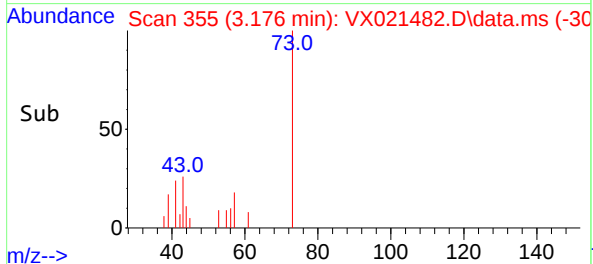
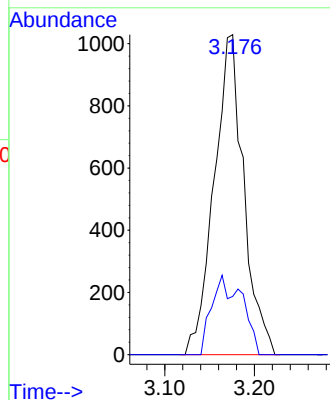
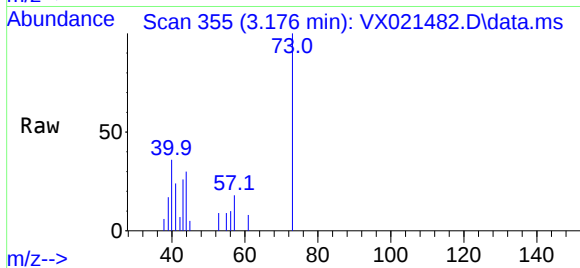
Methyl tert-butyl Ether
Concen: 0.90 ug/l
RT: 3.176 min Scan# 355
Delta R.T. 0.012 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

Tgt Ion: 73 Resp: 2355
Ion Ratio Lower Upper
73 100
57 18.2 17.1 25.7

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2021

Manual Integrations
APPROVED

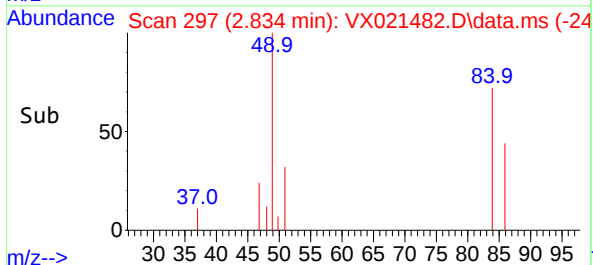
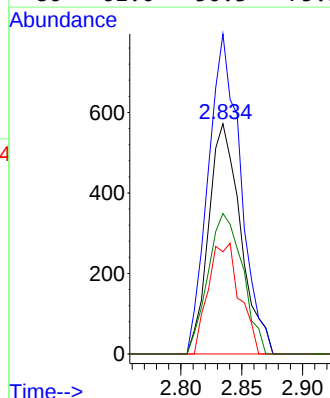
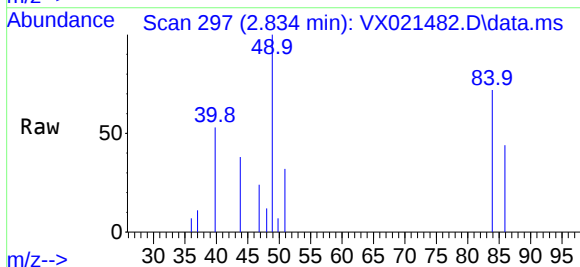
MMDadoda
3/26/2021 1:14:03 PM

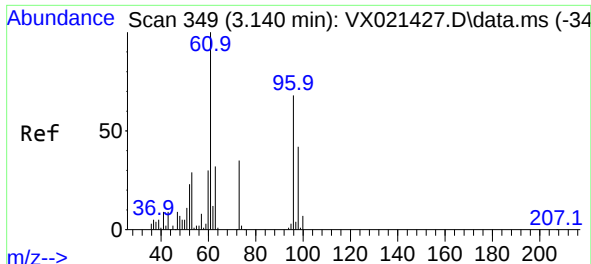


#20

Methylene Chloride
Concen: 1.23 ug/l
RT: 2.834 min Scan# 297
Delta R.T. 0.000 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

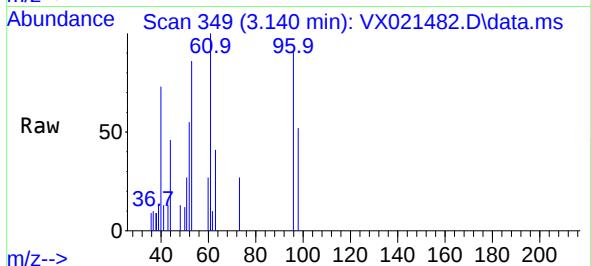
Tgt Ion: 84 Resp: 1048
Ion Ratio Lower Upper
84 100
49 139.0 88.6 132.8#
51 44.4 27.0 40.6#
86 61.0 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 1.02 ug/l
RT: 3.140 min Scan# 349
Delta R.T. 0.000 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2021

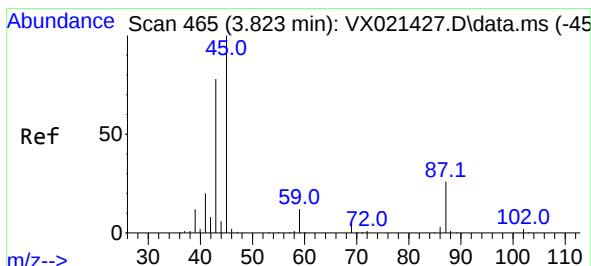
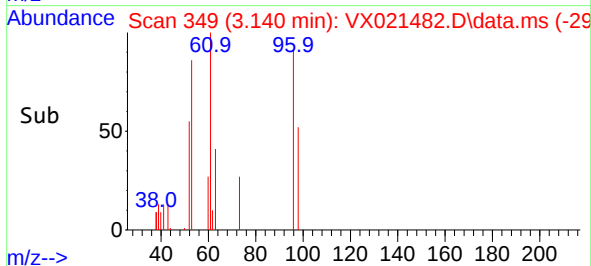
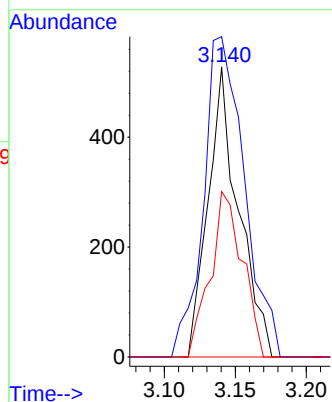


Tgt Ion: 96 Resp: 789

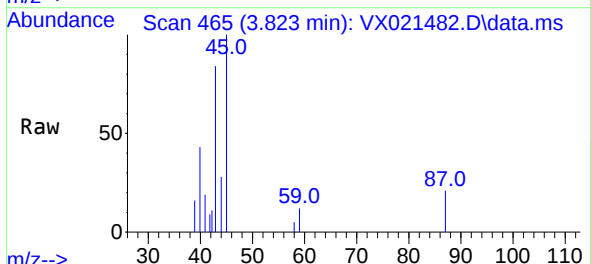
Ion	Ratio	Lower	Upper
96	100		
61	110.4	107.7	161.5
98	57.0	50.4	75.6

Manual Integrations
APPROVED

MMDadoda
3/26/2021 1:14:03 PM

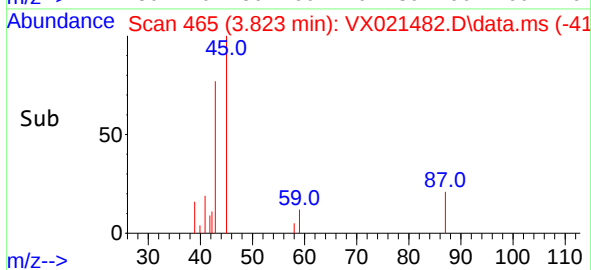
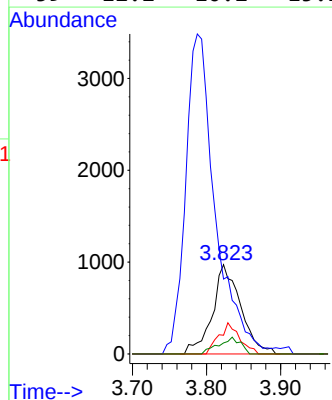


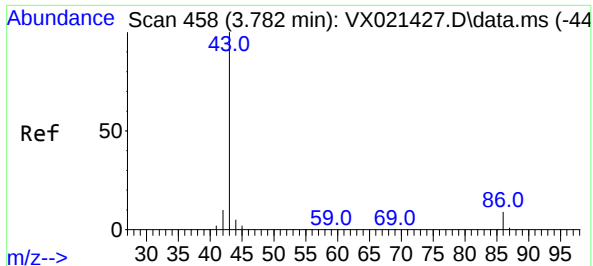
#22
Diisopropyl ether
Concen: 0.93 ug/l
RT: 3.823 min Scan# 465
Delta R.T. -0.000 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54



Tgt Ion: 45 Resp: 2568

Ion	Ratio	Lower	Upper
45	100		
43	78.0	58.0	87.0
87	20.9	25.4	38.0#
59	12.2	10.2	15.2





#23

Vinyl Acetate

Concen: 4.15 ug/l

RT: 3.788 min Scan# 459

Delta R.T. 0.006 min

Lab File: VX021482.D

Acq: 25 Mar 2021 13:54

Tgt Ion: 43 Resp: 9697

Ion Ratio Lower Upper

43 100

86 10.7 9.9 14.9

Instrument :

MSVOA_X

ClientSampleId :

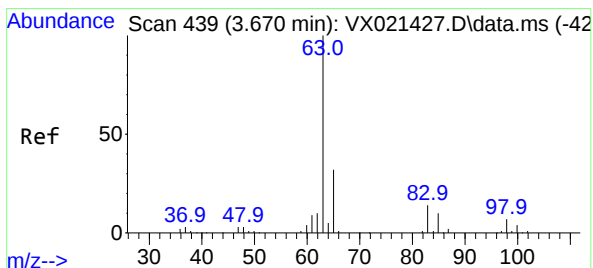
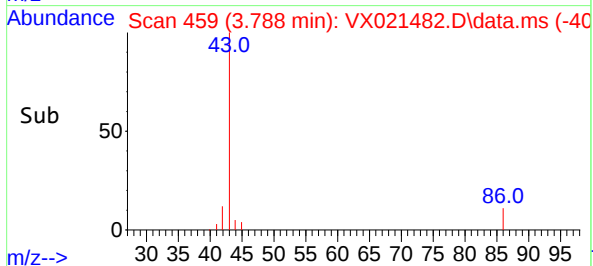
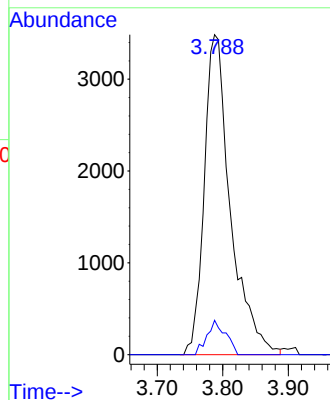
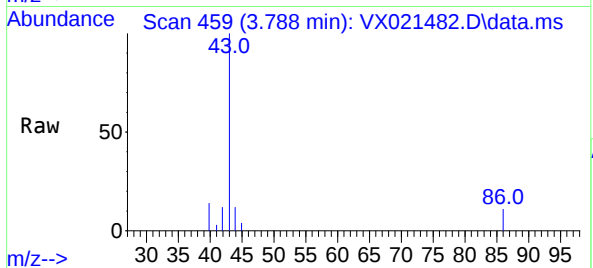
LOQ-WATER-02-QT1-2021

Manual Integrations

APPROVED

MMDadoda

3/26/2021 1:14:03 PM



#24

1,1-Dichloroethane

Concen: 0.96 ug/l

RT: 3.670 min Scan# 439

Delta R.T. -0.000 min

Lab File: VX021482.D

Acq: 25 Mar 2021 13:54

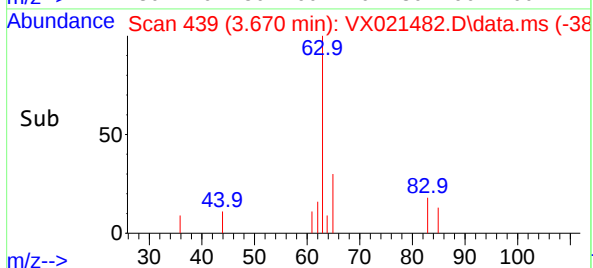
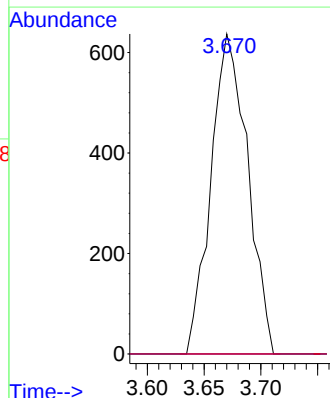
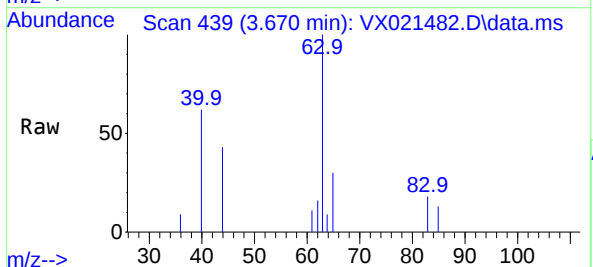
Tgt Ion: 63 Resp: 1432

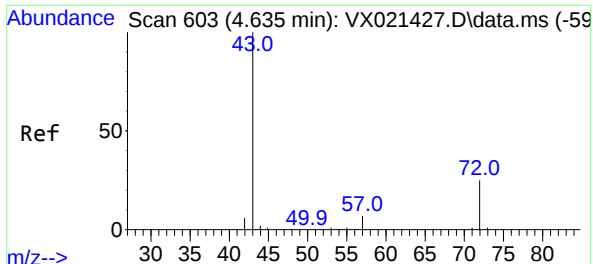
Ion Ratio Lower Upper

63 100

98 0.0 3.8 11.2#

100 0.0 2.5 7.5#





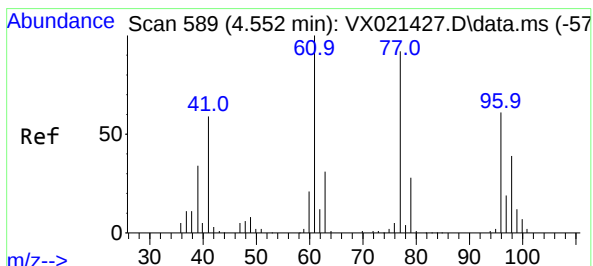
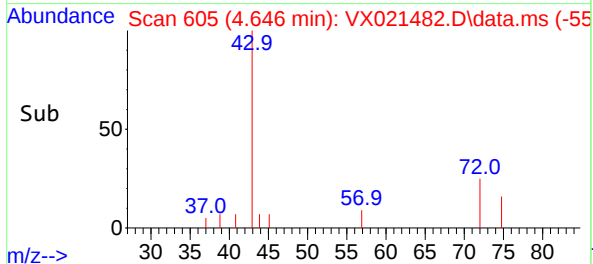
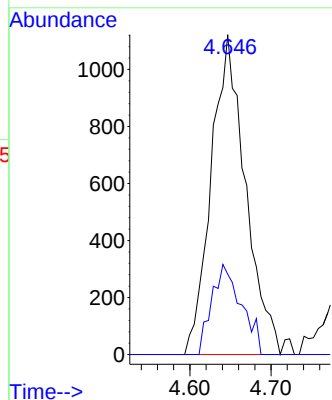
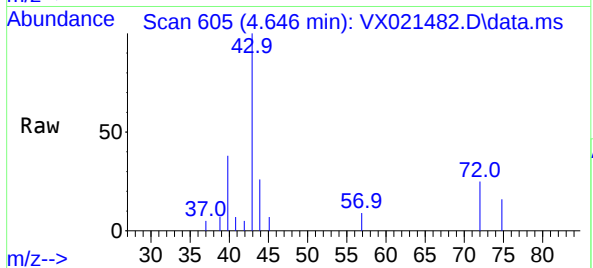
#25
2-Butanone
Concen: 4.96 ug/l
RT: 4.646 min Scan# 605
Delta R.T. 0.011 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

Tgt Ion: 43 Resp: 3289
Ion Ratio Lower Upper
43 100
72 25.1 23.7 35.5

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2021

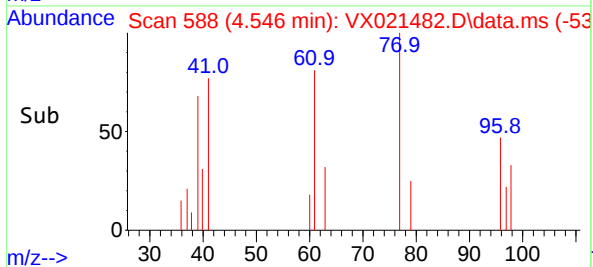
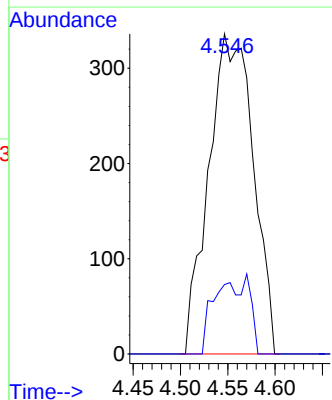
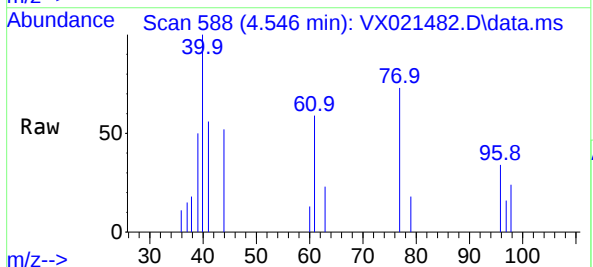
Manual Integrations
APPROVED

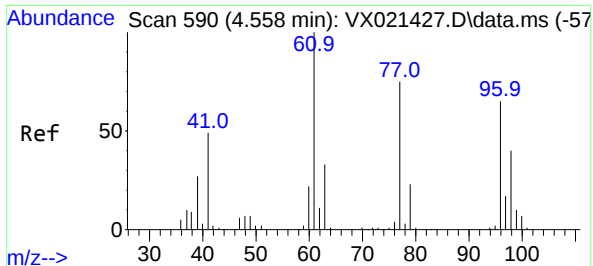
MMDadoda
3/26/2021 1:14:03 PM



#26
2,2-Dichloropropane
Concen: 0.85 ug/l
RT: 4.546 min Scan# 588
Delta R.T. -0.006 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

Tgt Ion: 77 Resp: 1101
Ion Ratio Lower Upper
77 100
97 12.4 11.7 35.1





#27

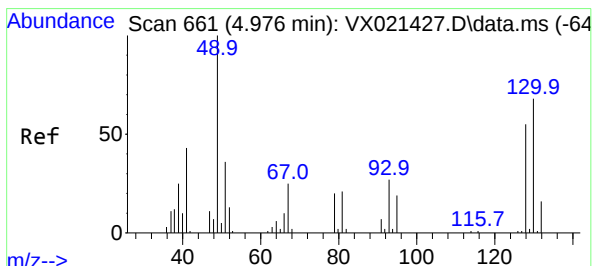
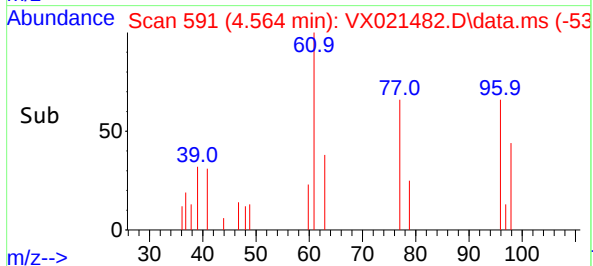
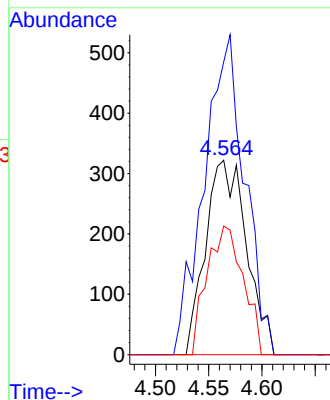
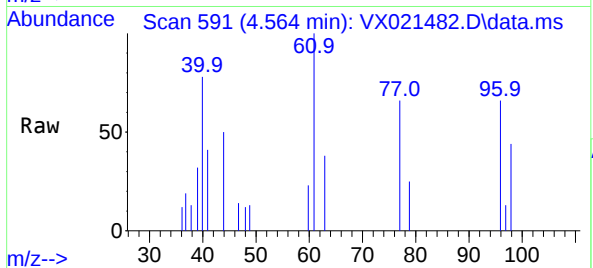
cis-1,2-Dichloroethene
Concen: 0.97 ug/l
RT: 4.564 min Scan# 591
Delta R.T. 0.006 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

Tgt Ion: 96 Resp: 864
Ion Ratio Lower Upper
96 100
61 162.6 0.0 285.6
98 58.4 0.0 129.6

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2021

Manual Integrations
APPROVED

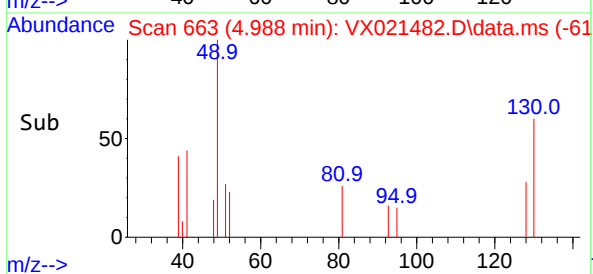
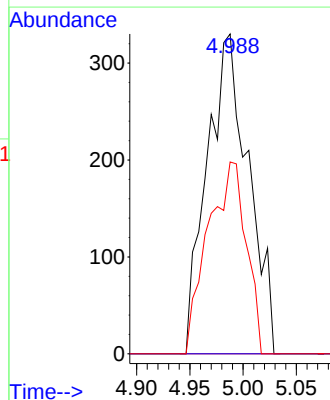
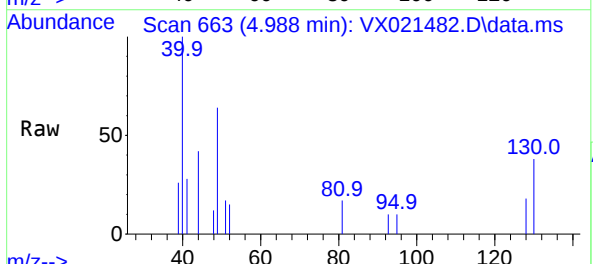
MMDadoda
3/26/2021 1:14:03 PM



#28

Bromochloromethane
Concen: 1.19 ug/l
RT: 4.988 min Scan# 663
Delta R.T. 0.012 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

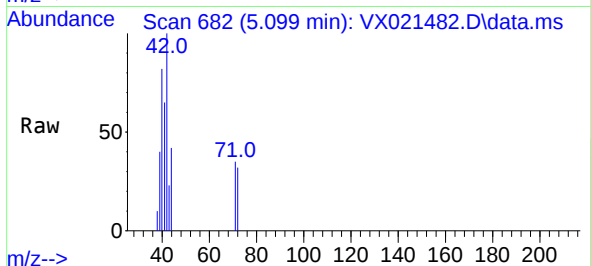
Tgt Ion: 49 Resp: 891
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 55.3 68.2 102.2#





#29
Tetrahydrofuran
Concen: 5.04 ug/l
RT: 5.099 min Scan# 682
Delta R.T. 0.011 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

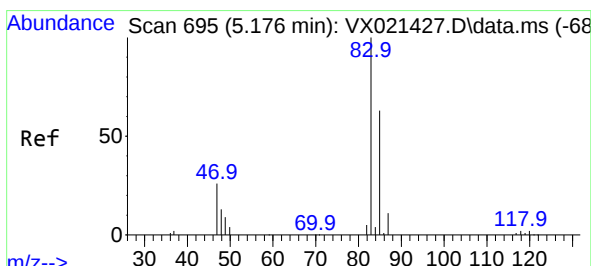
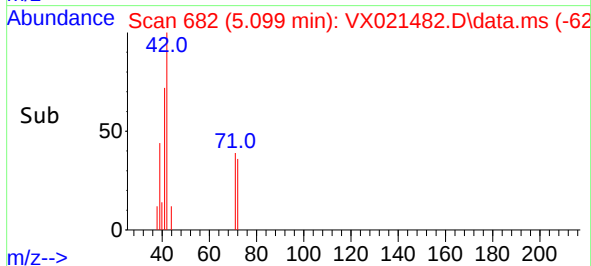
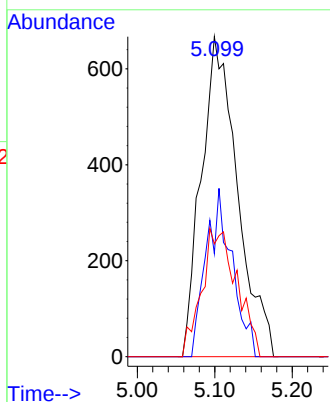
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2021



Tgt Ion: 42 Resp: 2166
Ion Ratio Lower Upper
42 100
72 37.4 41.7 62.5#
71 38.7 38.4 57.6

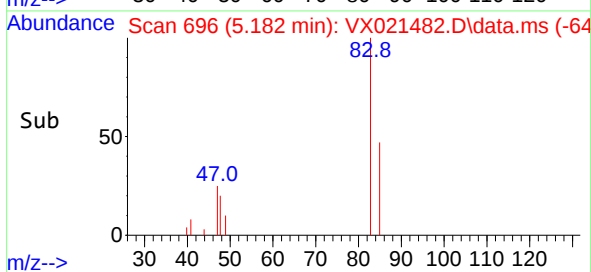
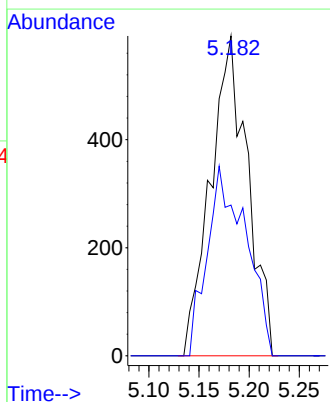
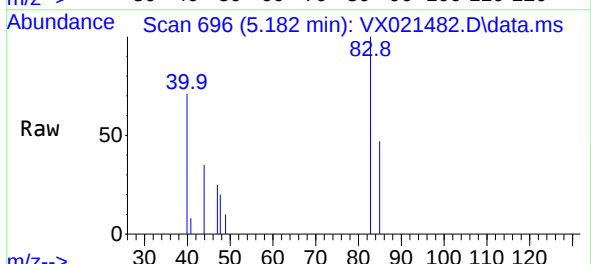
Manual Integrations
APPROVED

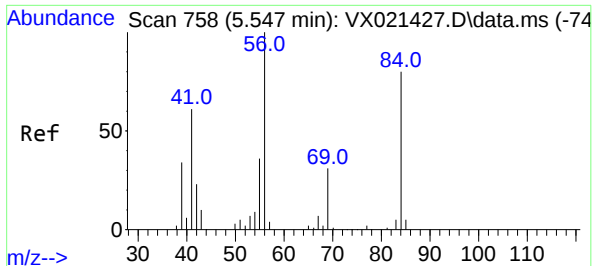
MMDadoda
3/26/2021 1:14:03 PM



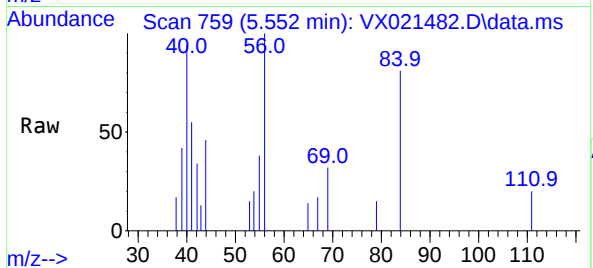
#30
Chloroform
Concen: 0.97 ug/l
RT: 5.182 min Scan# 696
Delta R.T. 0.006 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

Tgt Ion: 83 Resp: 1522
Ion Ratio Lower Upper
83 100
85 47.1 52.0 78.0#



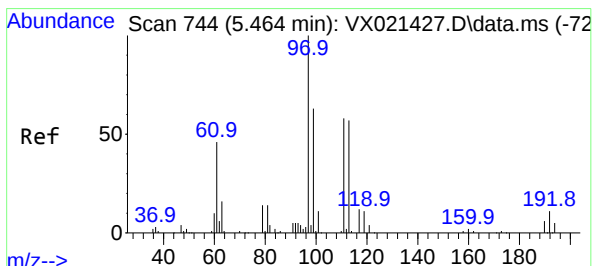
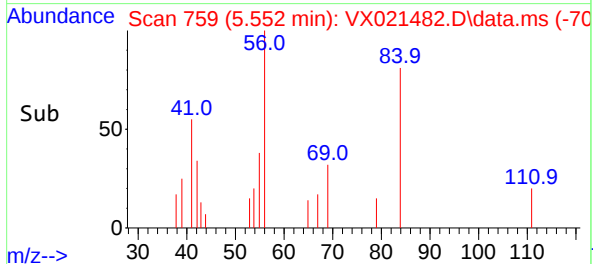
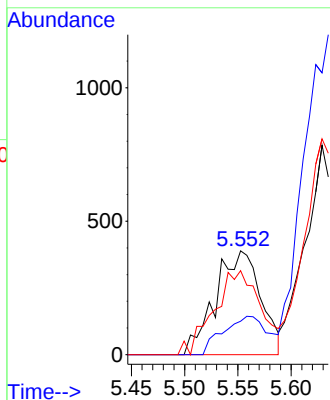


#31
Cyclohexane
Concen: 0.91 ug/l
RT: 5.552 min Scan# 759
Delta R.T. 0.005 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

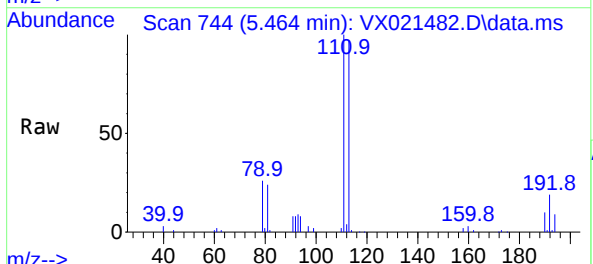


Tgt Ion: 56 Resp: 1154

Ion	Ratio	Lower	Upper
56	100		
69	32.1	25.3	37.9
84	81.0	71.4	107.0

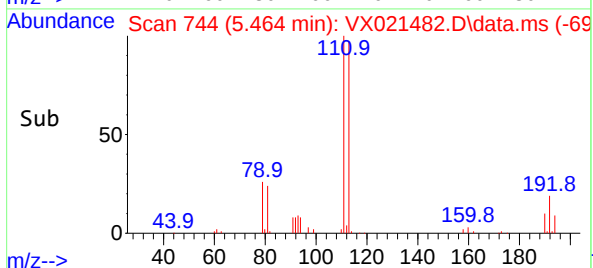
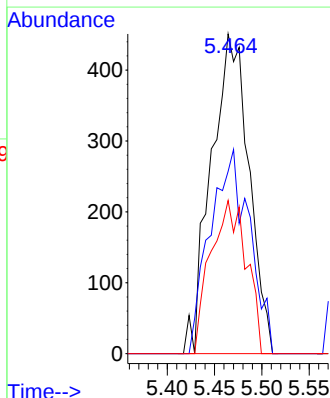


#32
1,1,1-Trichloroethane
Concen: 0.90 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54



Tgt Ion: 97 Resp: 1252

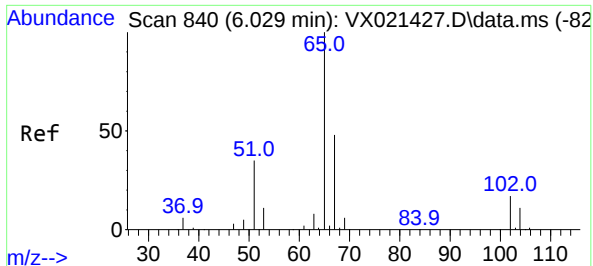
Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.5	77.3#
61	45.3	34.2	51.4



Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2021

Manual Integrations
APPROVED

MMDadoda
3/26/2021 1:14:03 PM



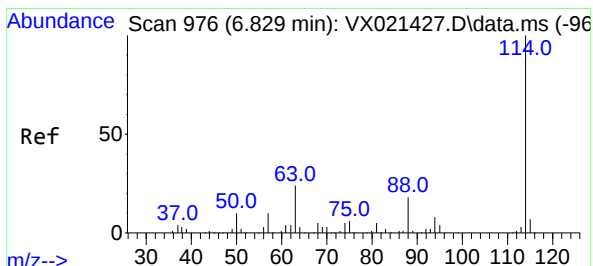
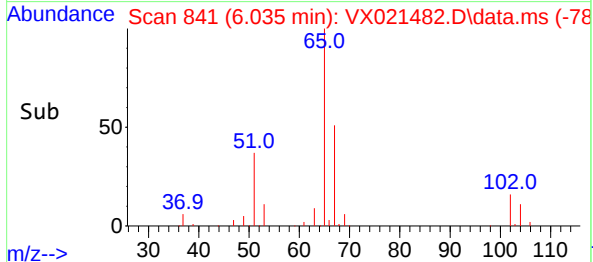
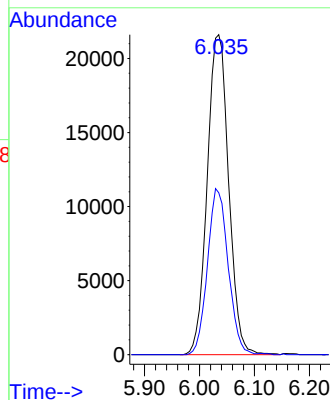
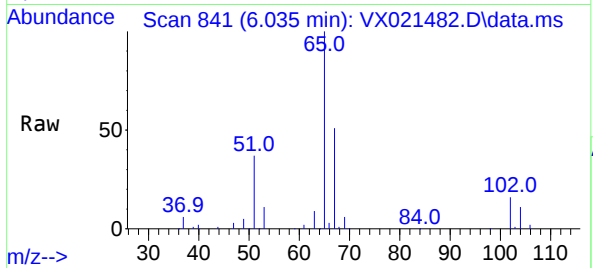
#33
1,2-Dichloroethane-d4
Concen: 50.62 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

Tgt Ion: 65 Resp: 58594
Ion Ratio Lower Upper
65 100
67 50.1 0.0 105.4

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2021

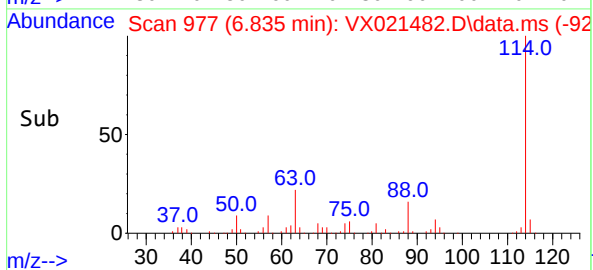
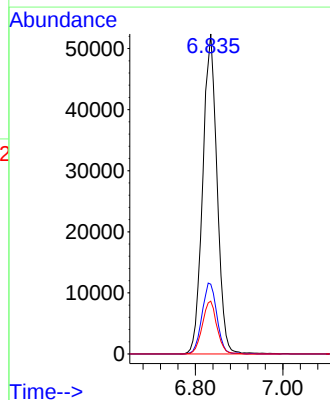
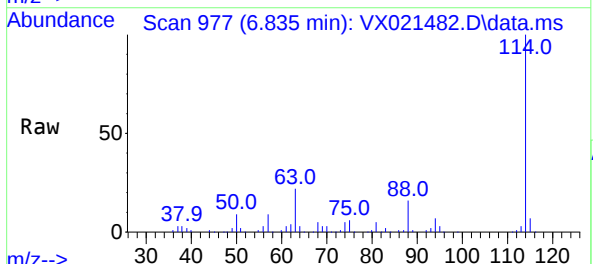
Manual Integrations
APPROVED

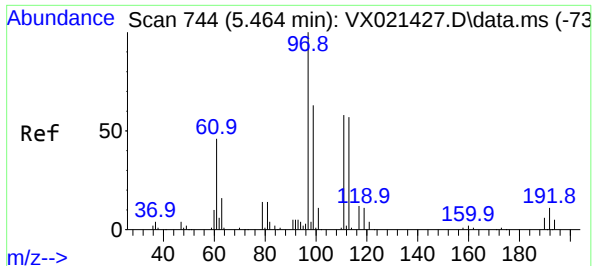
MMDadoda
3/26/2021 1:14:03 PM



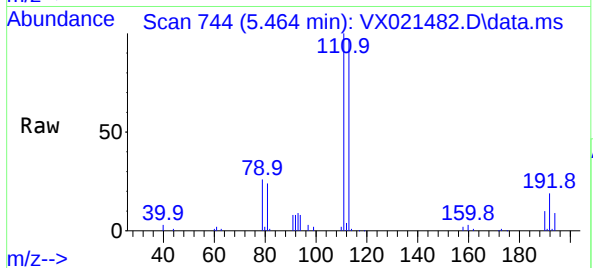
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.835 min Scan# 977
Delta R.T. 0.006 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

Tgt Ion: 114 Resp: 119693
Ion Ratio Lower Upper
114 100
63 21.8 0.0 40.8
88 16.5 0.0 32.8

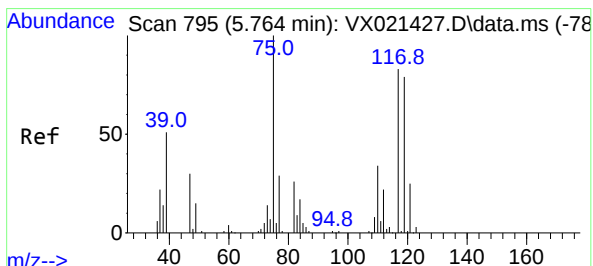
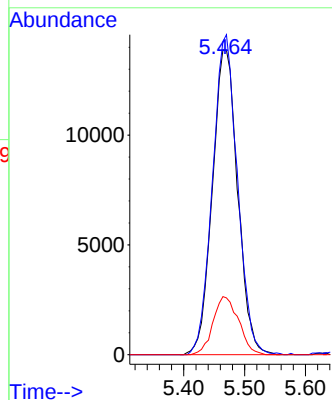
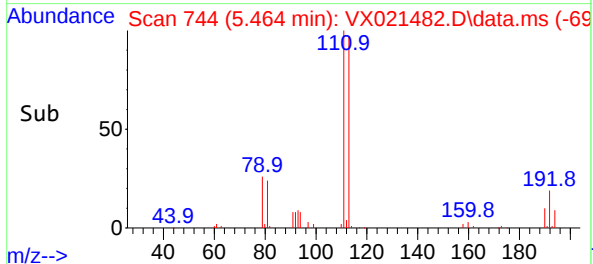




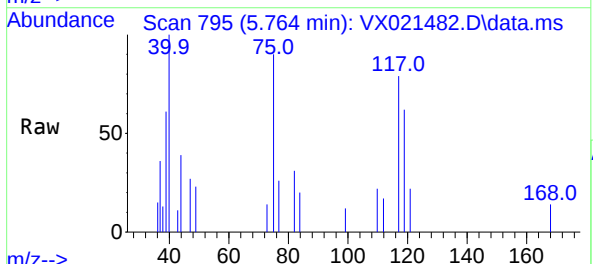
#35
Dibromofluoromethane
Concen: 47.14 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54



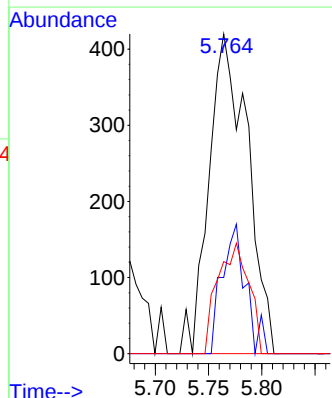
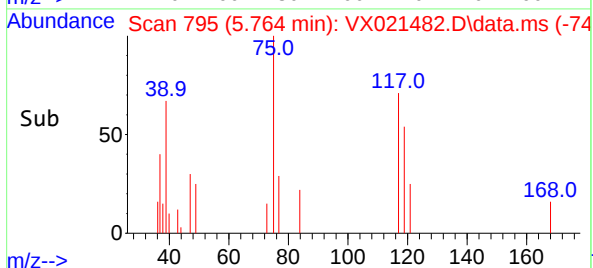
Tgt Ion:113 Resp: 40082
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 19.2 16.7 25.1



#36
1,1-Dichloropropene
Concen: 0.90 ug/l
RT: 5.764 min Scan# 795
Delta R.T. 0.000 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54



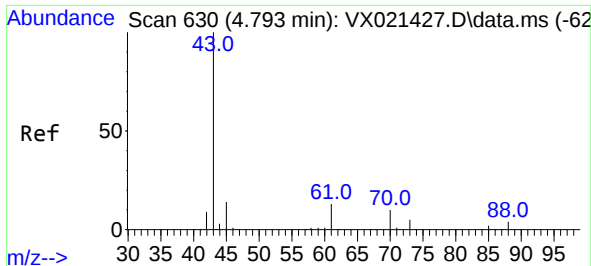
Tgt Ion: 75 Resp: 1061
Ion Ratio Lower Upper
75 100
110 24.8 18.1 54.4
77 27.8 25.3 37.9



Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2021

Manual Integrations
APPROVED

MMDadoda
3/26/2021 1:14:03 PM



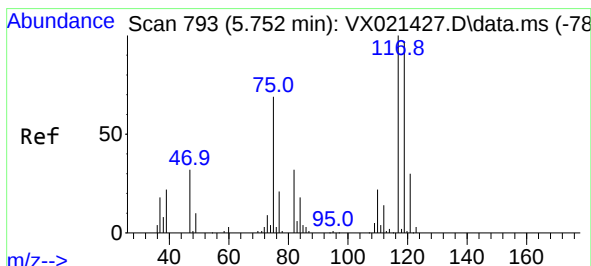
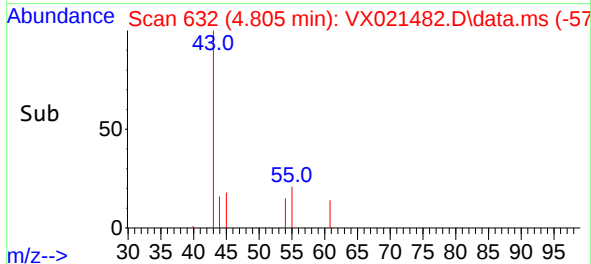
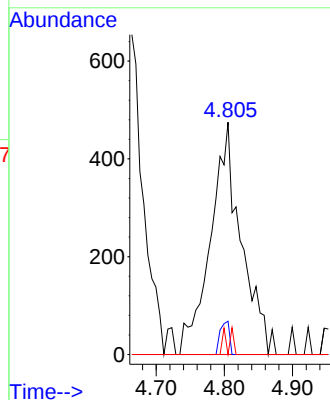
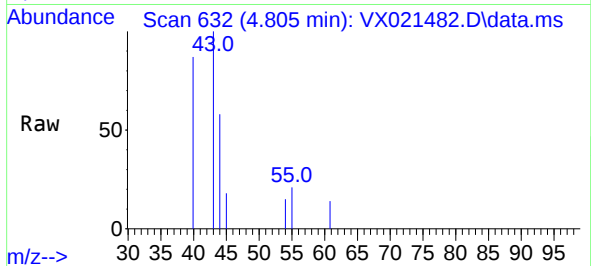
#37
Ethyl Acetate
Concen: 1.10 ug/l
RT: 4.805 min Scan# 632
Delta R.T. 0.012 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

Tgt Ion: 43	Resp: 1494
Ion Ratio	Lower Upper
43 100	
61 4.3	12.8 19.2#
70 2.5	10.5 15.7#

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2021

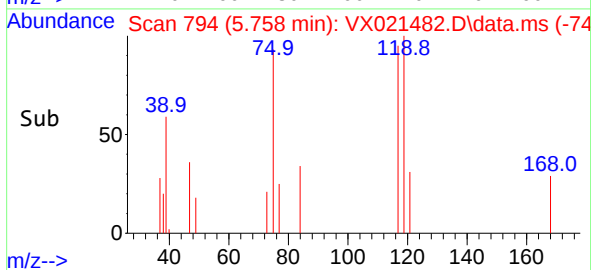
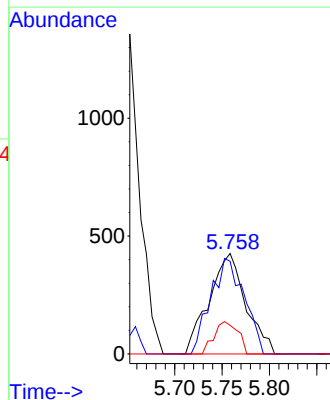
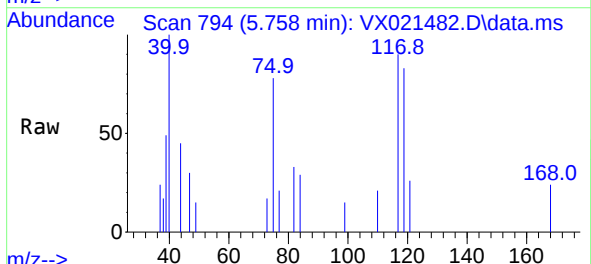
Manual Integrations
APPROVED

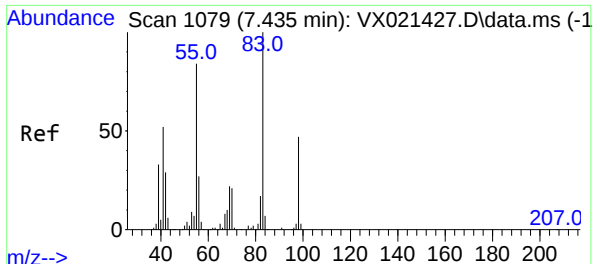
MMDadoda
3/26/2021 1:14:03 PM



#38
Carbon Tetrachloride
Concen: 0.91 ug/l
RT: 5.758 min Scan# 794
Delta R.T. 0.006 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

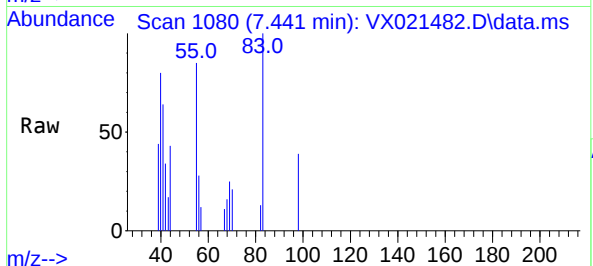
Tgt Ion: 117	Resp: 1149
Ion Ratio	Lower Upper
117 100	
119 92.3	76.2 114.2
121 28.4	24.8 37.2





#39
Methylcyclohexane
Concen: 0.83 ug/l
RT: 7.441 min Scan# 1080
Delta R.T. 0.006 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

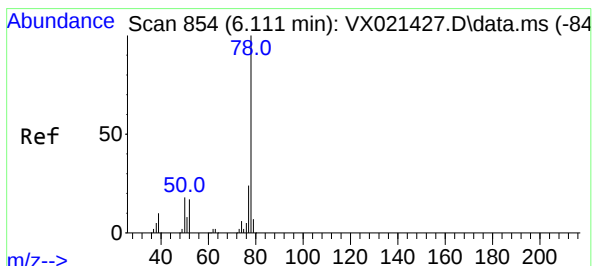
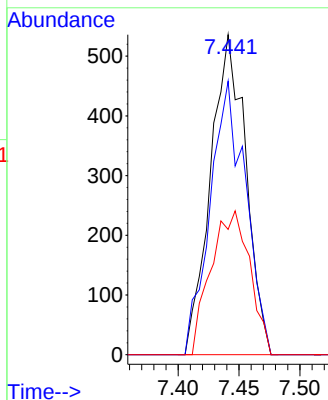
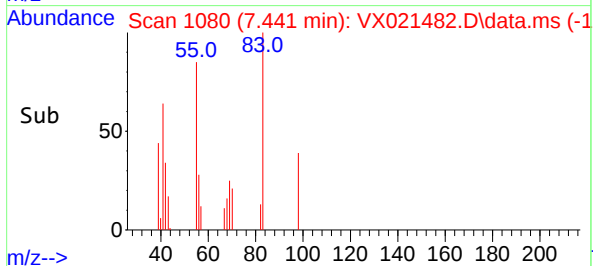
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2021



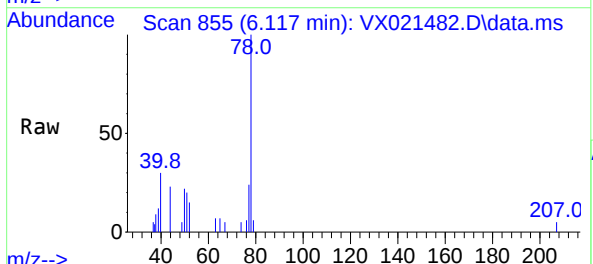
Tgt Ion: 83 Resp: 1078
Ion Ratio Lower Upper
83 100
55 85.4 58.9 88.3
98 39.2 38.1 57.1

Manual Integrations
APPROVED

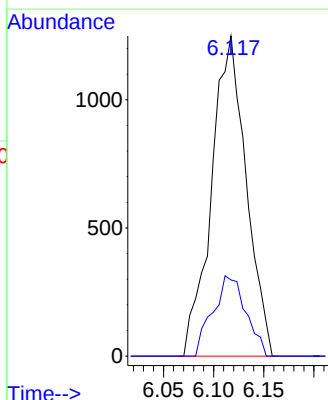
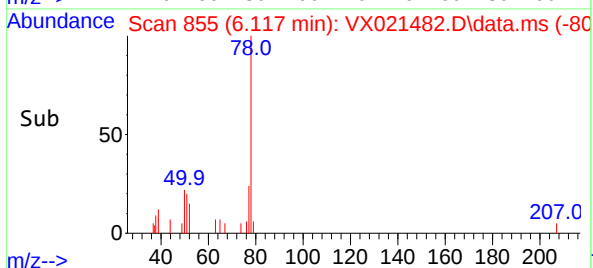
MMDadoda
3/26/2021 1:14:03 PM

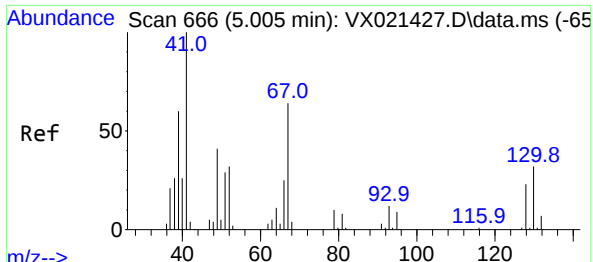


#40
Benzene
Concen: 0.90 ug/l
RT: 6.117 min Scan# 855
Delta R.T. 0.006 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54



Tgt Ion: 78 Resp: 3011
Ion Ratio Lower Upper
78 100
77 23.8 18.9 28.3





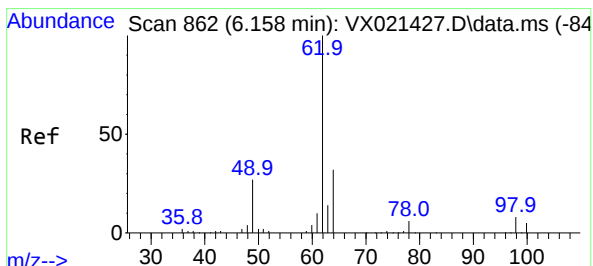
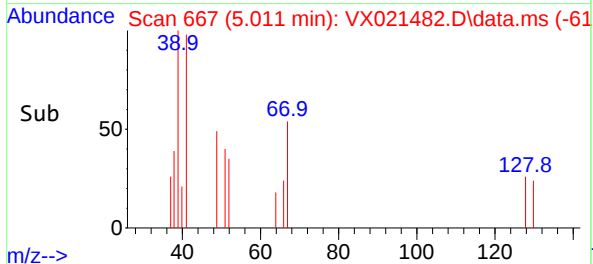
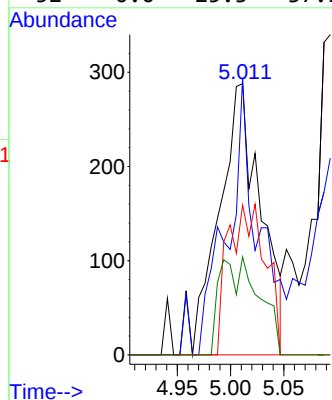
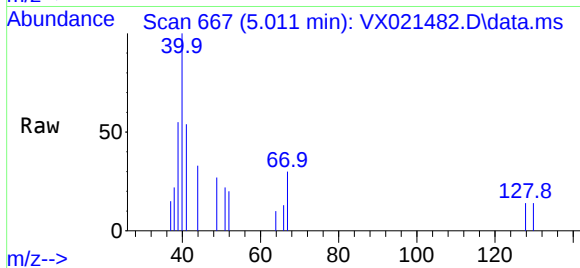
#41
Methacrylonitrile
Concen: 1.02 ug/l
RT: 5.011 min Scan# 667
Delta R.T. 0.006 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

Tgt Ion:	41	Resp:	803
Ion	Ratio	Lower	Upper
41	100		
39	75.7	42.5	63.7#
67	48.4	65.0	97.6#
52	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2021

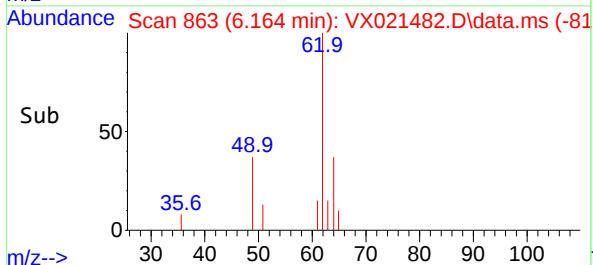
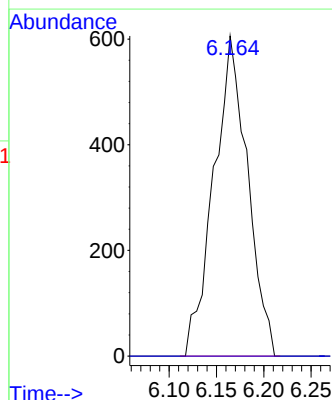
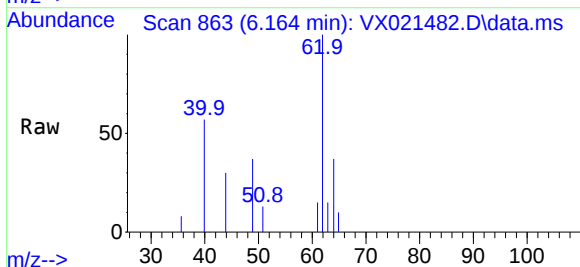
Manual Integrations
APPROVED

MMDadoda
3/26/2021 1:14:03 PM



#42
1,2-Dichloroethane
Concen: 1.04 ug/l
RT: 6.164 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

Tgt Ion:	62	Resp:	1507
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	20.2





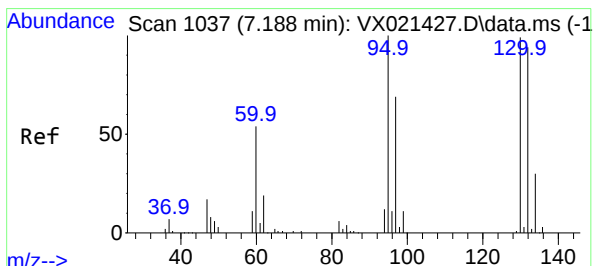
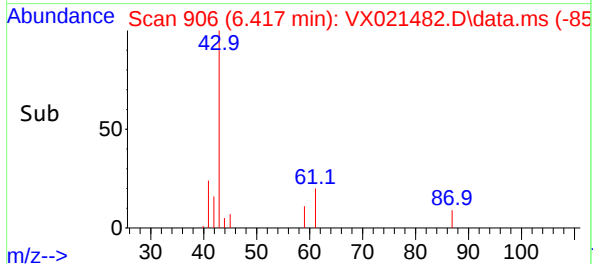
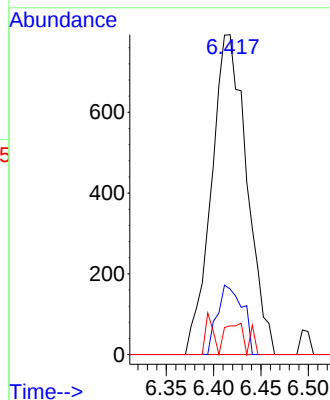
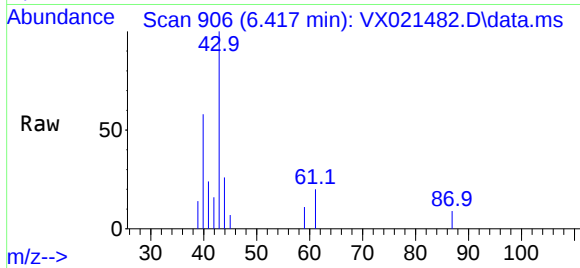
#43
Isopropyl Acetate
Concen: 0.94 ug/l
RT: 6.417 min Scan# 906
Delta R.T. 0.006 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

Tgt Ion: 43 Resp: 2060
Ion Ratio Lower Upper
43 100
61 15.4 18.2 27.4#
87 6.2 12.5 18.7#

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2021

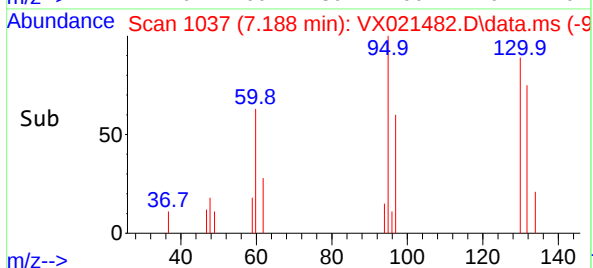
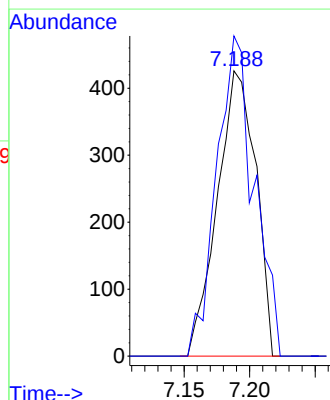
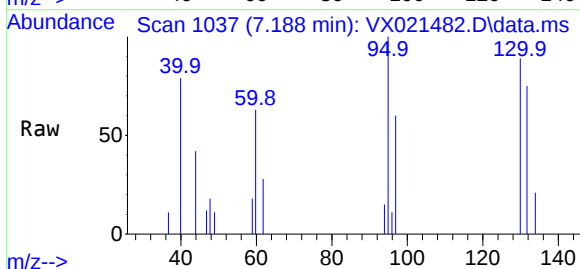
Manual Integrations
APPROVED

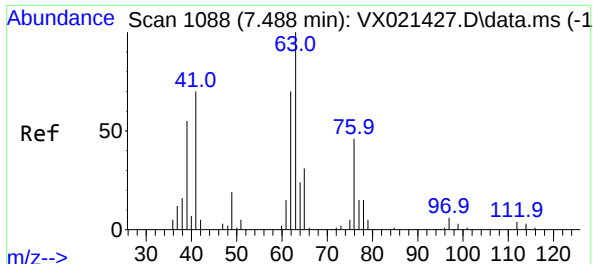
MMDadoda
3/26/2021 1:14:03 PM



#44
Trichloroethene
Concen: 0.99 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

Tgt Ion:130 Resp: 870
Ion Ratio Lower Upper
130 100
95 112.2 0.0 198.0





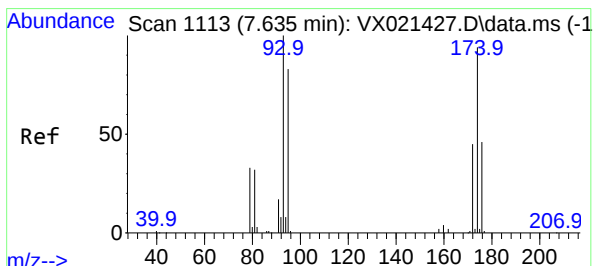
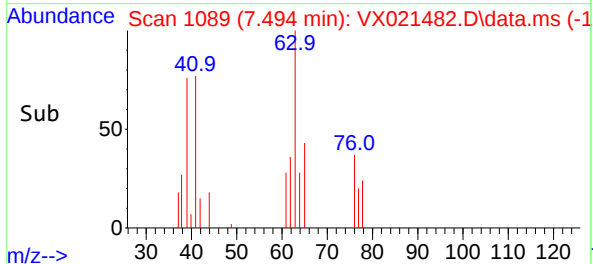
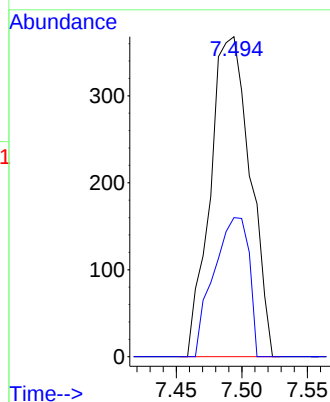
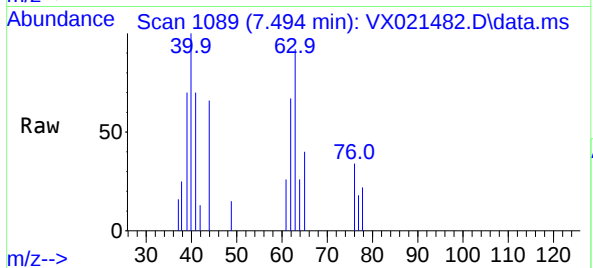
#45
1,2-Dichloropropane
Concen: 0.87 ug/l
RT: 7.494 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

Tgt Ion: 63 Resp: 781
Ion Ratio Lower Upper
63 100
65 43.5 25.7 38.5#

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2021

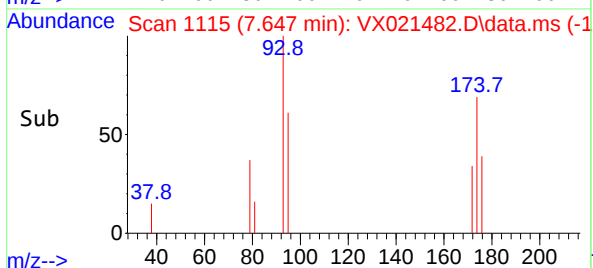
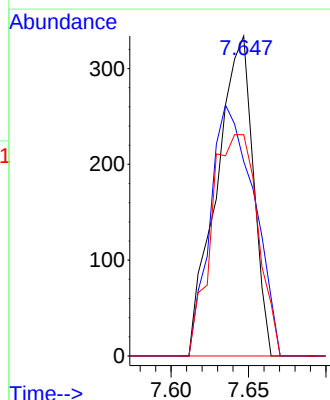
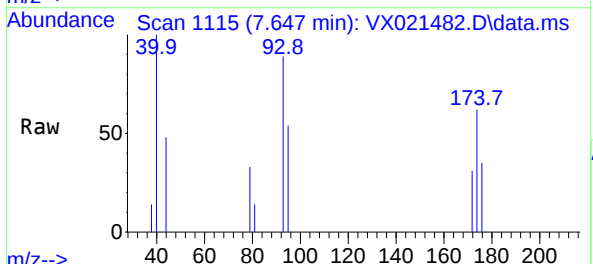
Manual Integrations
APPROVED

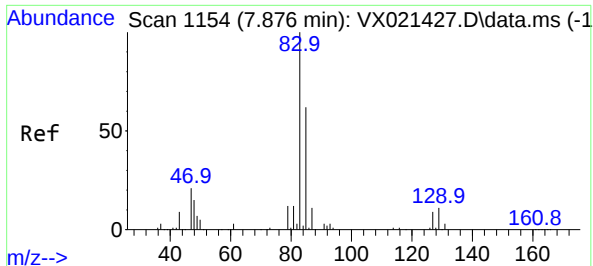
MMDadoda
3/26/2021 1:14:03 PM



#46
Dibromomethane
Concen: 0.83 ug/l
RT: 7.647 min Scan# 1115
Delta R.T. 0.012 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

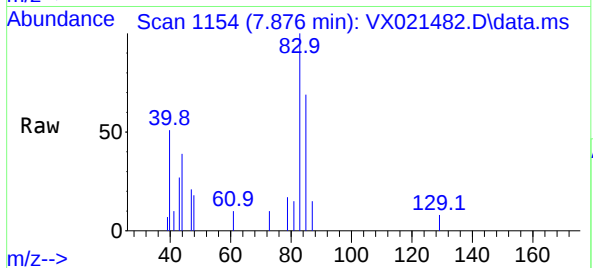
Tgt Ion: 93 Resp: 547
Ion Ratio Lower Upper
93 100
95 94.3 66.8 100.2
174 87.6 83.1 124.7





#47
Bromodichloromethane
Concen: 0.89 ug/l
RT: 7.876 min Scan# 1154
Delta R.T. 0.000 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

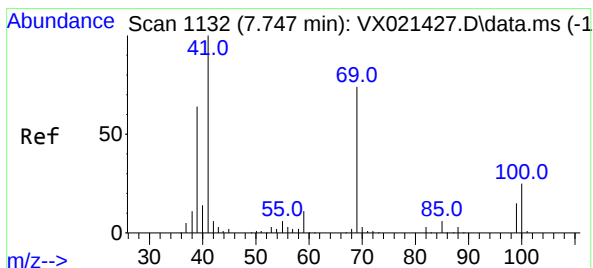
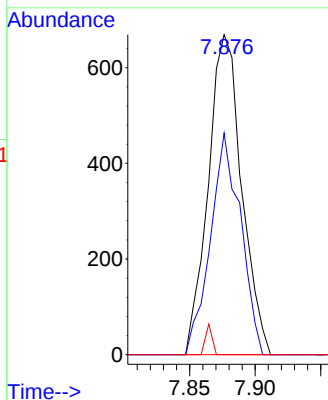
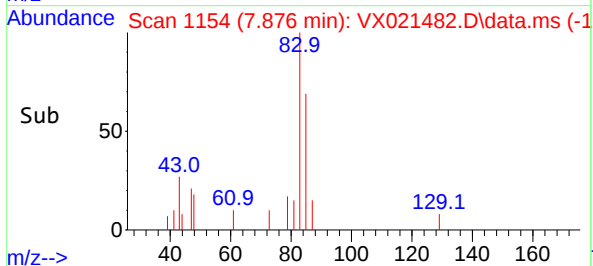
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2021



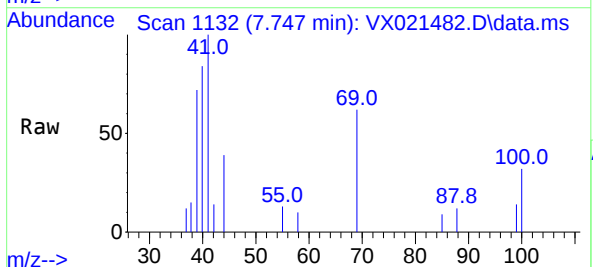
Tgt Ion: 83 Resp: 1187
Ion Ratio Lower Upper
83 100
85 69.2 51.4 77.0
127 0.0 6.8 10.2#

Manual Integrations
APPROVED

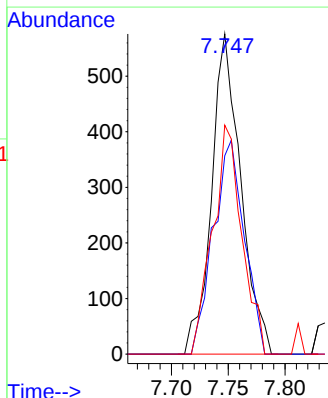
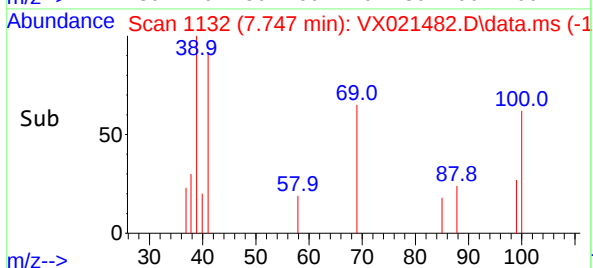
MMDadoda
3/26/2021 1:14:03 PM

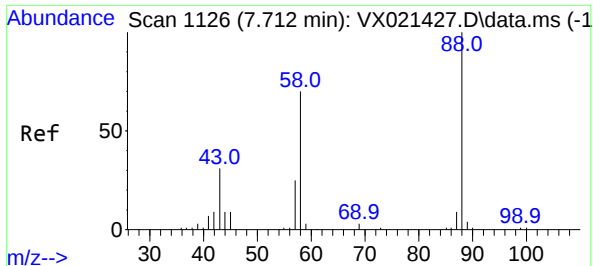


#48
Methyl methacrylate
Concen: 0.88 ug/l
RT: 7.747 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54



Tgt Ion: 41 Resp: 1030
Ion Ratio Lower Upper
41 100
69 71.1 76.0 114.0#
39 71.7 44.6 67.0#





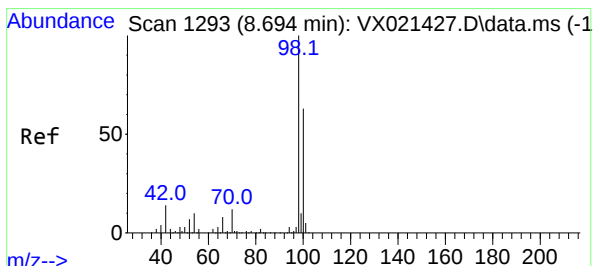
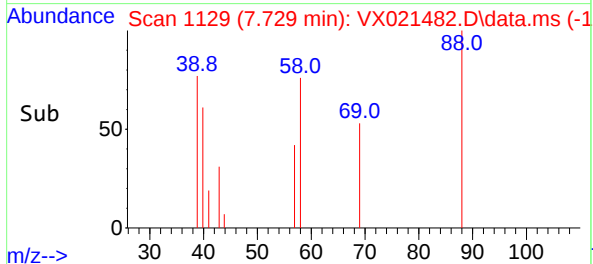
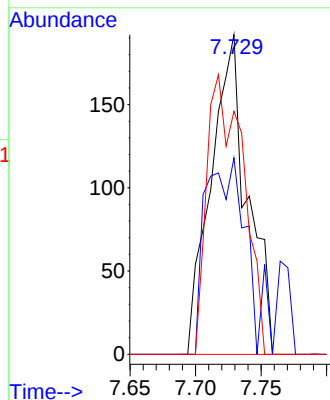
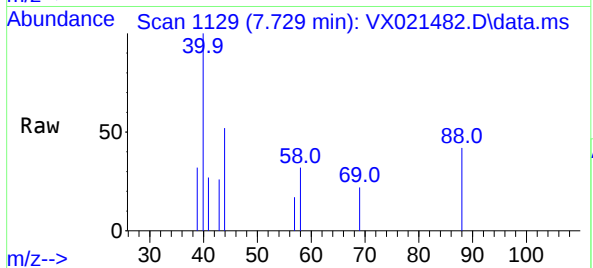
#49
1,4-Dioxane
Concen: 17.69 ug/l
RT: 7.729 min Scan# 1129
Delta R.T. 0.017 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

Tgt Ion: 88 Resp: 372
Ion Ratio Lower Upper
88 100
43 64.2 23.2 34.8#
58 87.1 55.0 82.4#

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2021

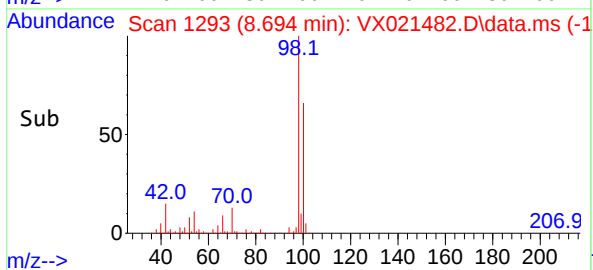
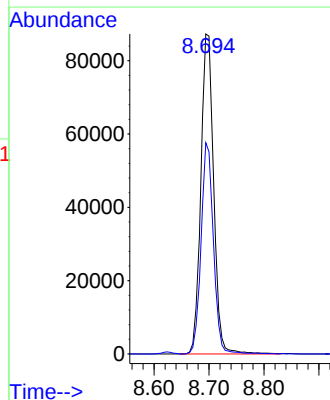
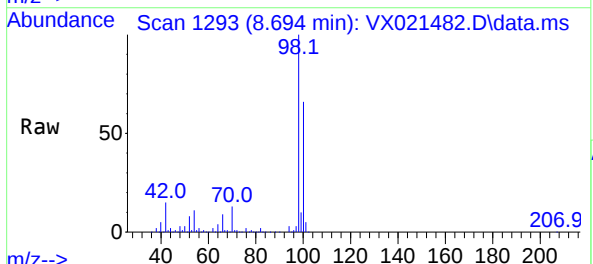
Manual Integrations
APPROVED

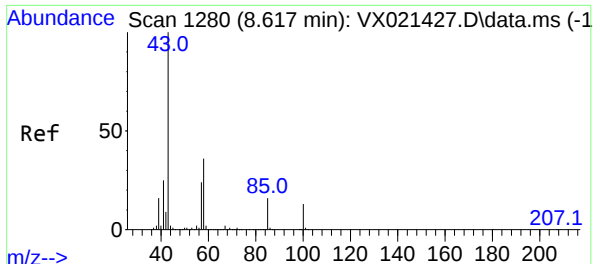
MMDadoda
3/26/2021 1:14:03 PM



#50
Toluene-d8
Concen: 46.81 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

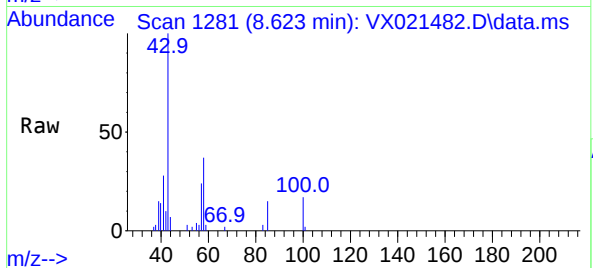
Tgt Ion: 98 Resp: 141811
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9





#51
4-Methyl-2-Pentanone
Concen: 4.30 ug/l
RT: 8.623 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

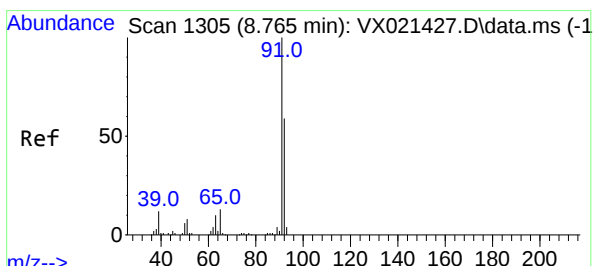
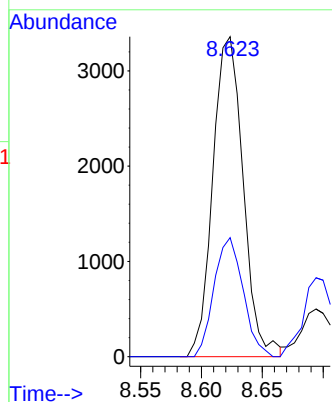
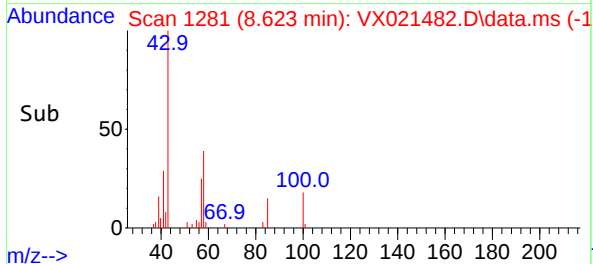
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2021



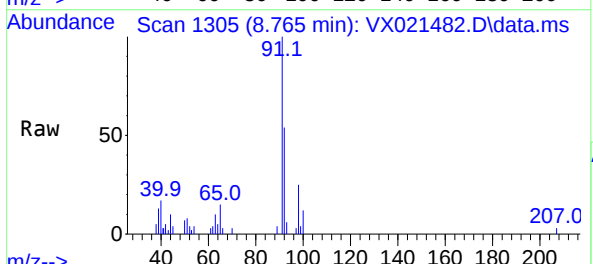
Tgt Ion: 43 Resp: 5824
Ion Ratio Lower Upper
43 100
58 35.6 35.4 53.0

Manual Integrations
APPROVED

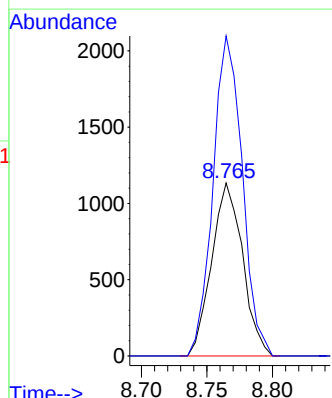
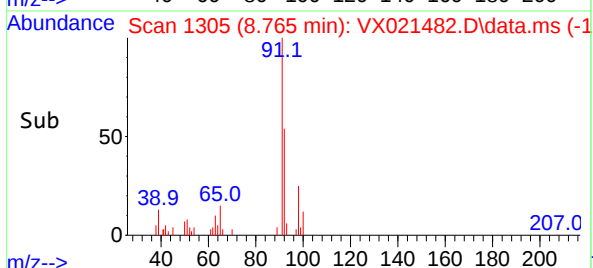
MMDadoda
3/26/2021 1:14:03 PM

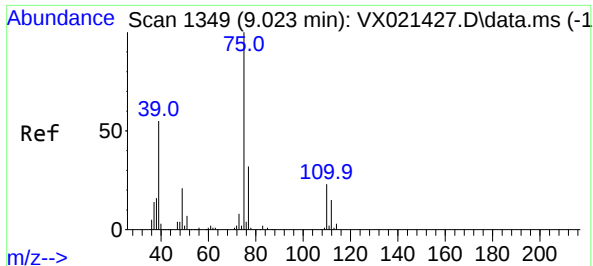


#52
Toluene
Concen: 0.91 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54



Tgt Ion: 92 Resp: 1862
Ion Ratio Lower Upper
92 100
91 174.9 137.1 205.7





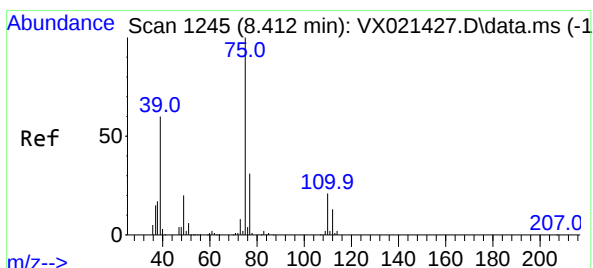
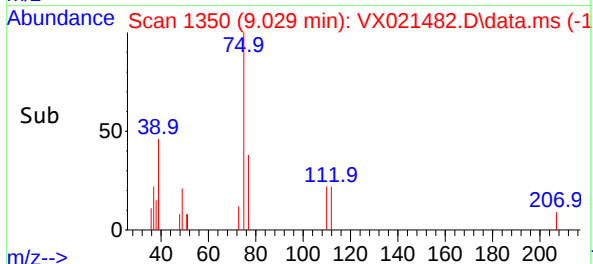
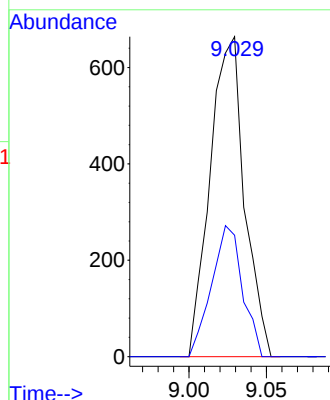
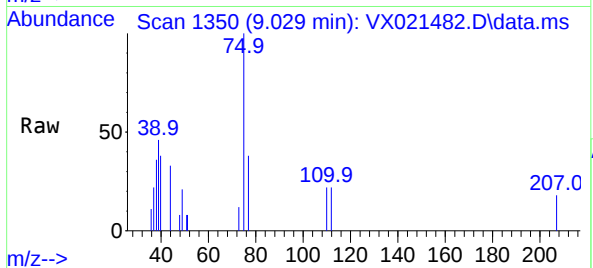
#53
t-1,3-Dichloropropene
Concen: 0.76 ug/l
RT: 9.029 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

Tgt Ion: 75 Resp: 1024
Ion Ratio Lower Upper
75 100
77 38.0 24.9 37.3#

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2021

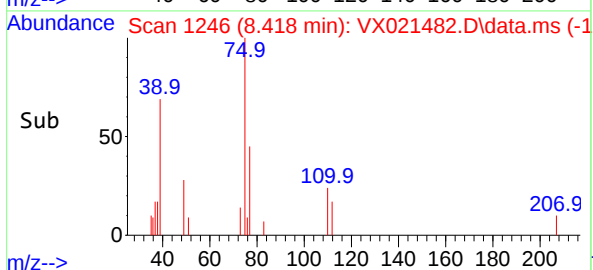
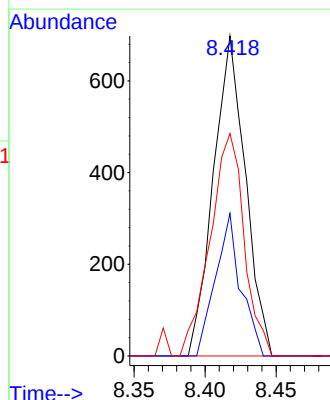
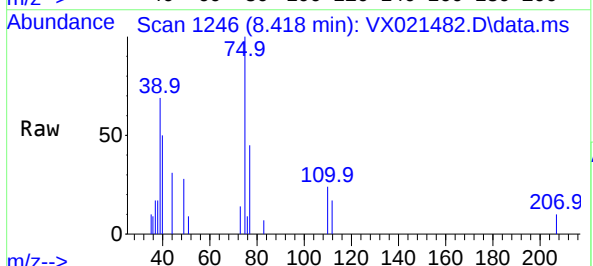
Manual Integrations
APPROVED

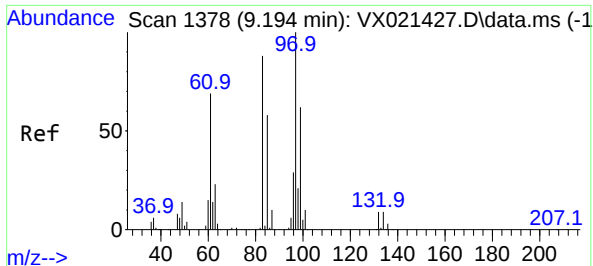
MMDadoda
3/26/2021 1:14:03 PM



#54
cis-1,3-Dichloropropene
Concen: 0.76 ug/l
RT: 8.418 min Scan# 1246
Delta R.T. 0.006 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

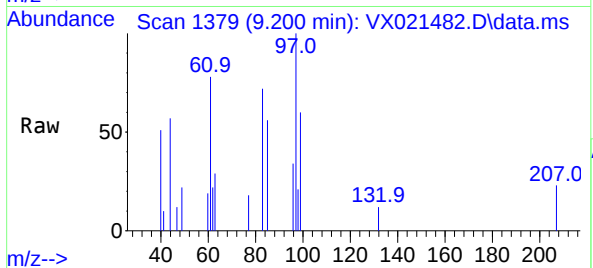
Tgt Ion: 75 Resp: 1095
Ion Ratio Lower Upper
75 100
77 44.6 25.7 38.5#
39 69.5 35.1 52.7#





#55
1,1,2-Trichloroethane
Concen: 0.82 ug/l
RT: 9.200 min Scan# 1379
Delta R.T. 0.006 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2021

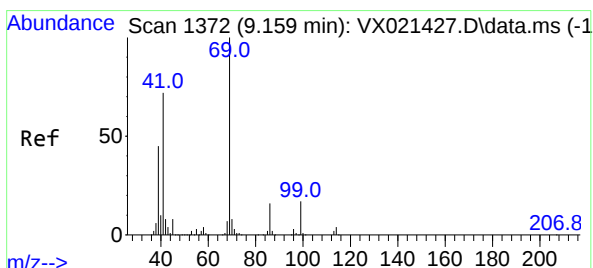
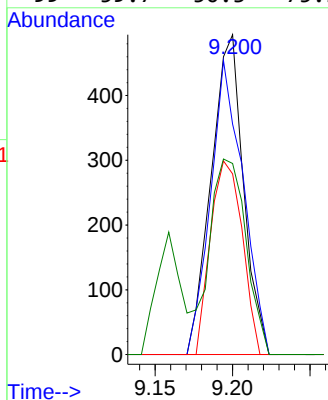
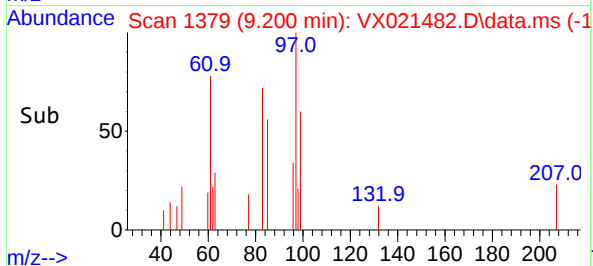


Tgt Ion: 97 Resp: 715

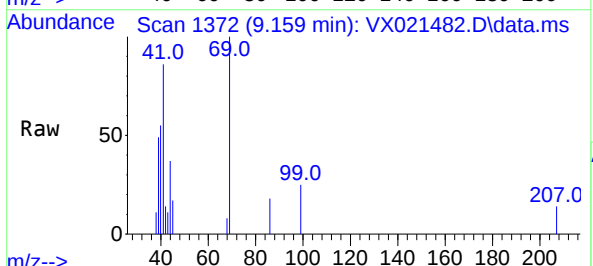
Ion	Ratio	Lower	Upper
97	100		
83	72.1	69.3	103.9
85	56.5	44.3	66.5
99	59.7	50.3	75.5

Manual Integrations
APPROVED

MMDadoda
3/26/2021 1:14:03 PM

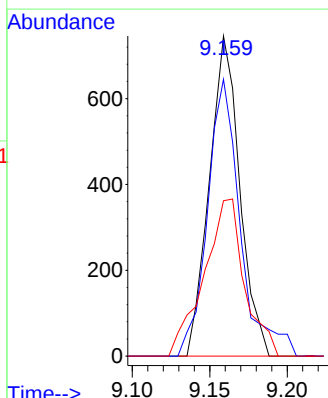
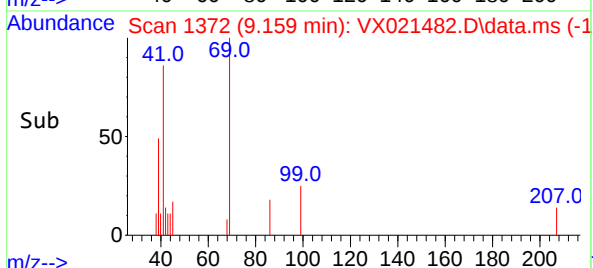


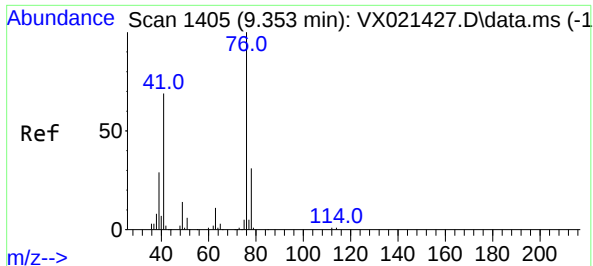
#56
Ethyl methacrylate
Concen: 0.78 ug/l
RT: 9.159 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54



Tgt Ion: 69 Resp: 1017

Ion	Ratio	Lower	Upper
69	100		
41	93.6	46.8	70.2#
39	65.3	24.7	37.1#





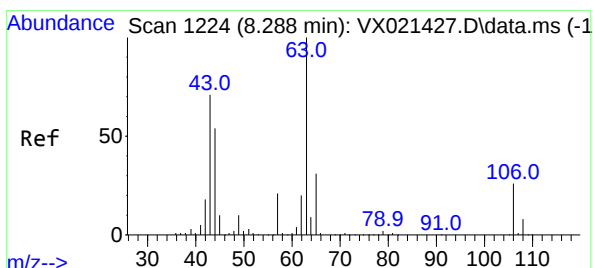
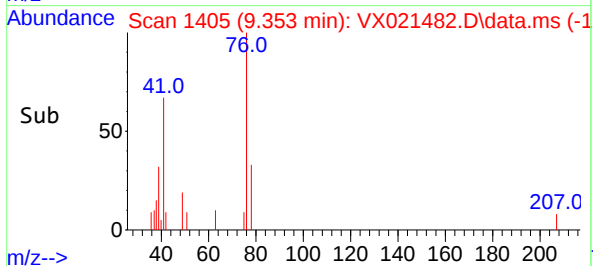
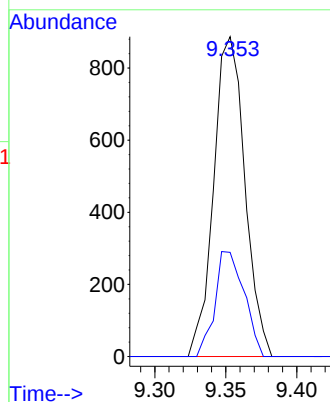
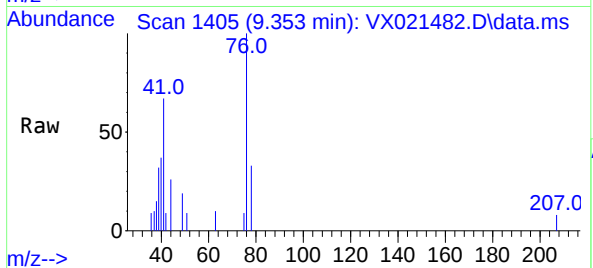
#57
1,3-Dichloropropane
Concen: 0.91 ug/l
RT: 9.353 min Scan# 1405
Delta R.T. -0.000 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

Tgt Ion: 76 Resp: 1355
Ion Ratio Lower Upper
76 100
78 30.7 26.2 39.2

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2021

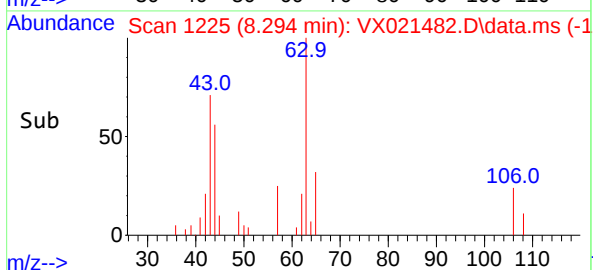
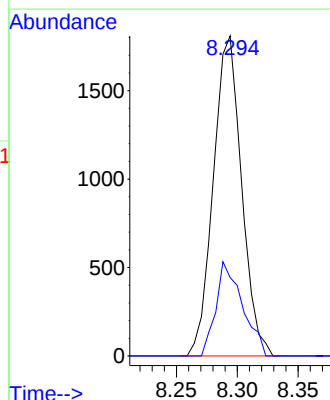
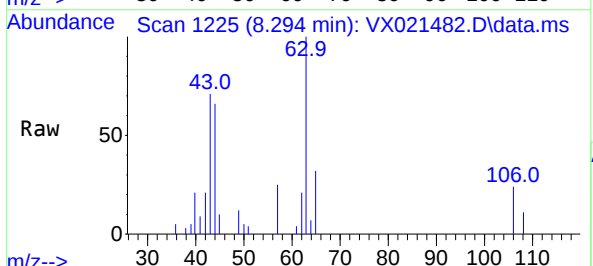
Manual Integrations
APPROVED

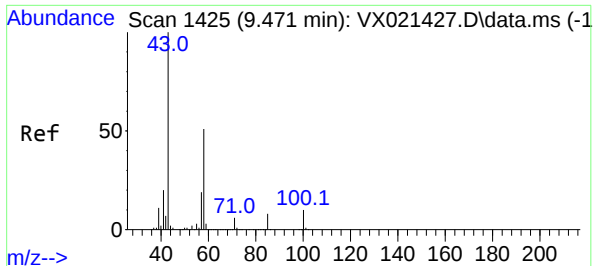
MMDadoda
3/26/2021 1:14:03 PM



#58
2-Chloroethyl Vinyl ether
Concen: 3.98 ug/l
RT: 8.294 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

Tgt Ion: 63 Resp: 2919
Ion Ratio Lower Upper
63 100
106 27.6 23.5 35.3





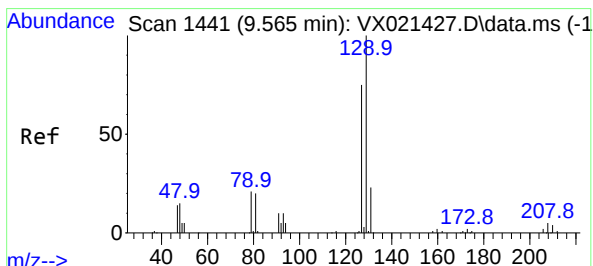
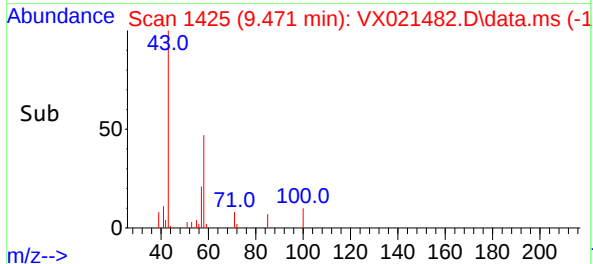
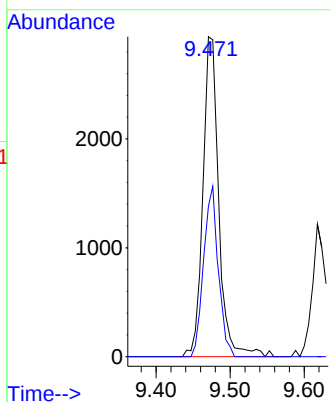
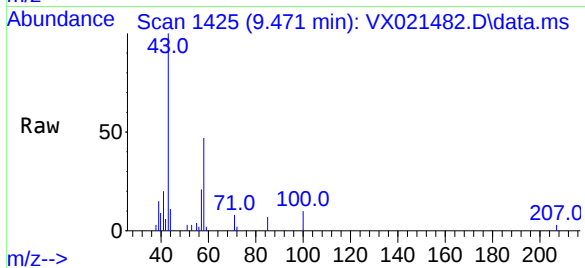
#59
2-Hexanone
Concen: 4.31 ug/l
RT: 9.471 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

Tgt Ion: 43 Resp: 4380
Ion Ratio Lower Upper
43 100
58 49.0 30.9 92.8

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2021

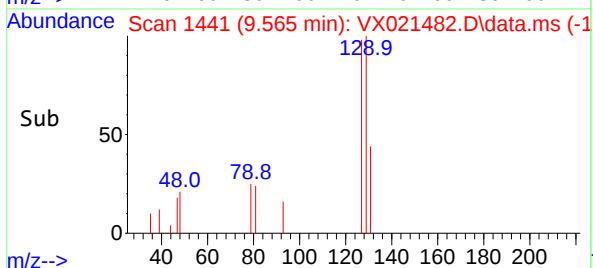
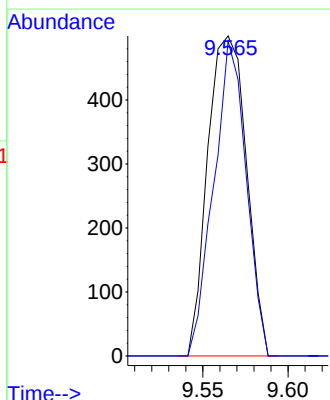
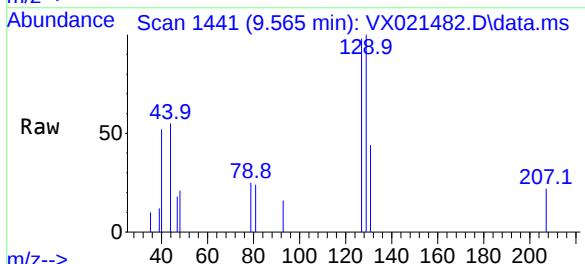
Manual Integrations
APPROVED

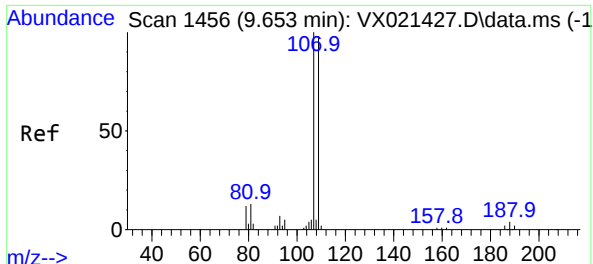
MMDadoda
3/26/2021 1:14:03 PM



#60
Dibromochloromethane
Concen: 0.81 ug/l
RT: 9.565 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

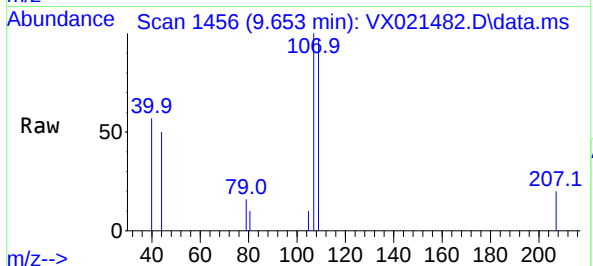
Tgt Ion: 129 Resp: 791
Ion Ratio Lower Upper
129 100
127 82.4 38.4 115.2





#61
1,2-Dibromoethane
Concen: 0.86 ug/l
RT: 9.653 min Scan# 1456
Delta R.T. 0.000 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

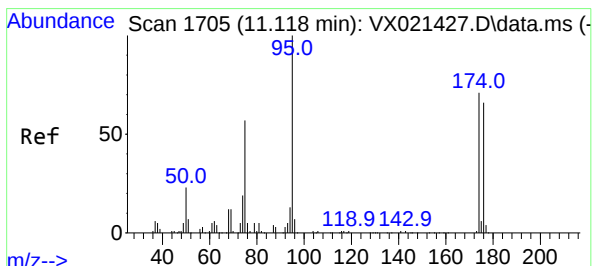
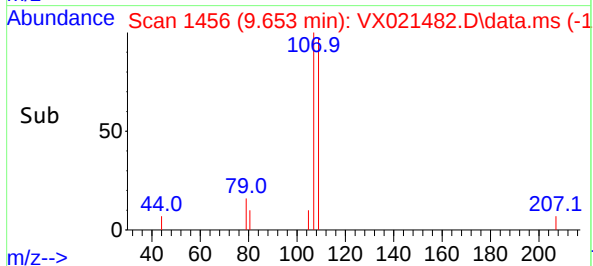
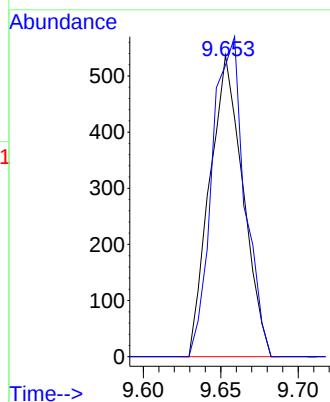
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2021



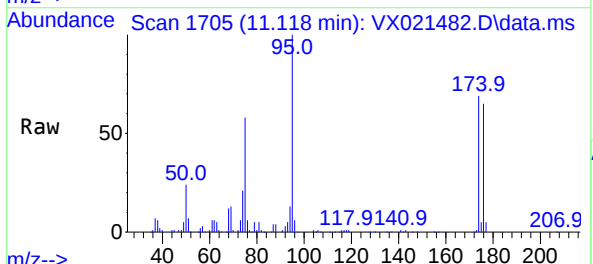
Tgt Ion:107 Resp: 802
Ion Ratio Lower Upper
107 100
109 103.5 75.8 113.6

Manual Integrations
APPROVED

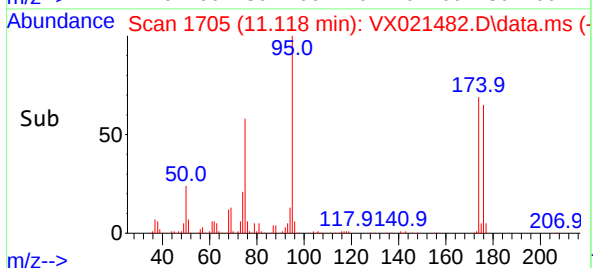
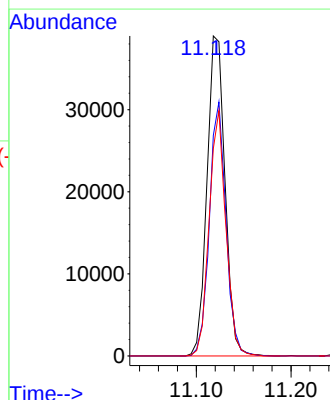
MMDadoda
3/26/2021 1:14:03 PM

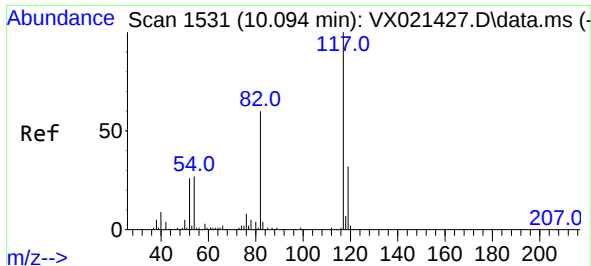


#62
4-Bromofluorobenzene
Concen: 43.72 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54



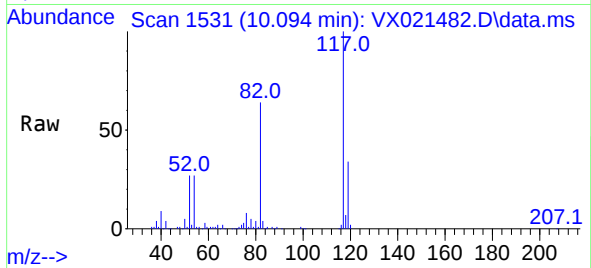
Tgt Ion: 95 Resp: 51501
Ion Ratio Lower Upper
95 100
174 73.0 0.0 154.6
176 71.1 0.0 155.8





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

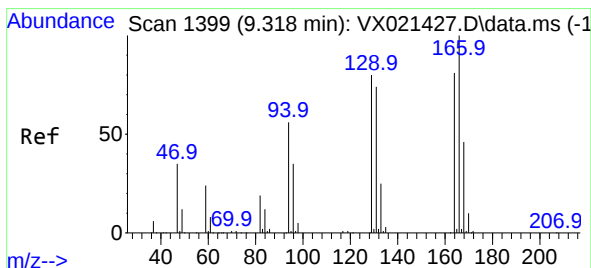
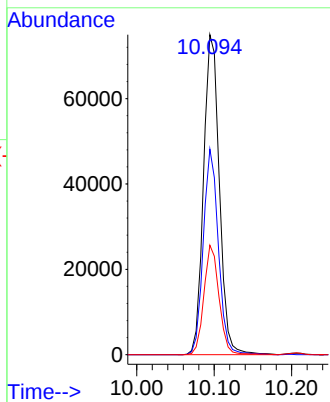
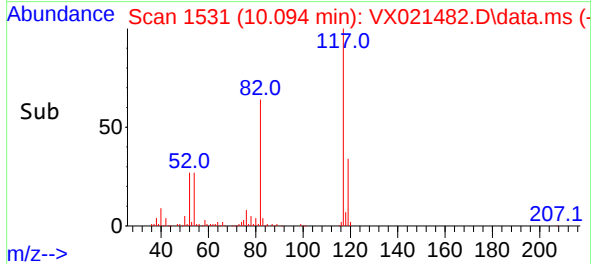
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2021



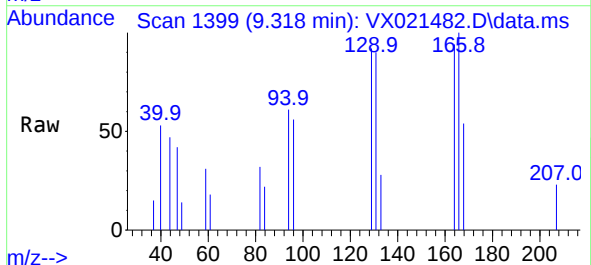
Tgt Ion:117 Resp: 106283
Ion Ratio Lower Upper
117 100
82 64.2 47.4 71.2
119 34.2 26.6 39.8

Manual Integrations
APPROVED

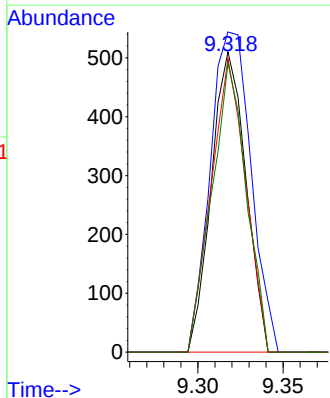
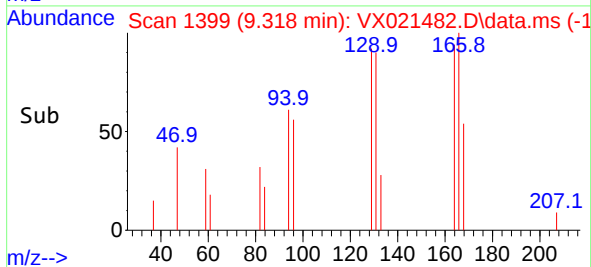
MMDadoda
3/26/2021 1:14:03 PM

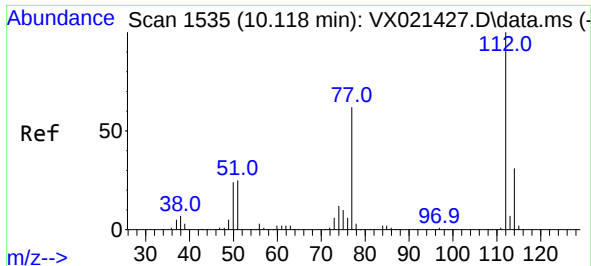


#64
Tetrachloroethene
Concen: 1.01 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54



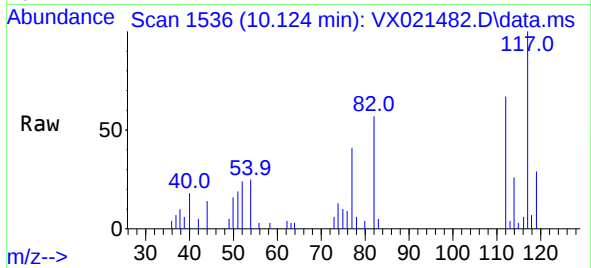
Tgt Ion:164 Resp: 719
Ion Ratio Lower Upper
164 100
166 106.7 103.4 155.2
129 97.8 70.8 106.2
131 96.3 72.5 108.7





#65
Chlorobenzene
Concen: 0.94 ug/l
RT: 10.124 min Scan# 1536
Delta R.T. 0.006 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

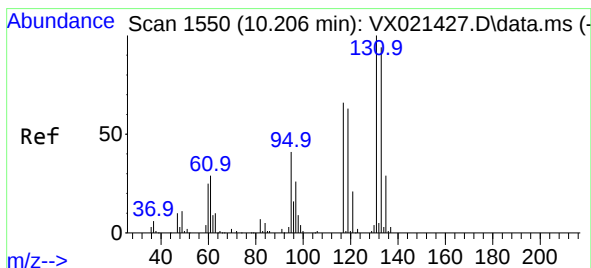
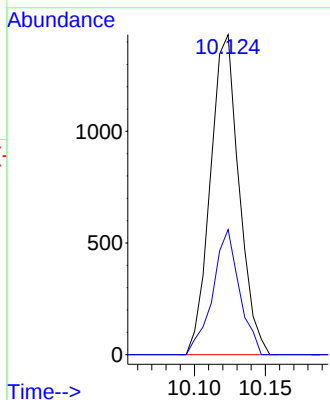
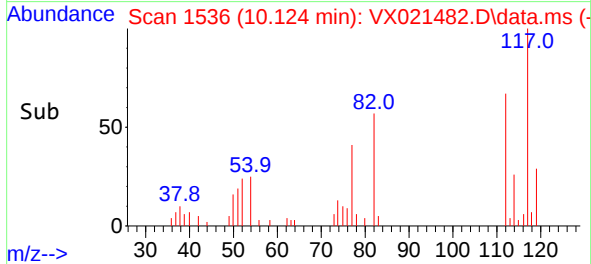
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2021



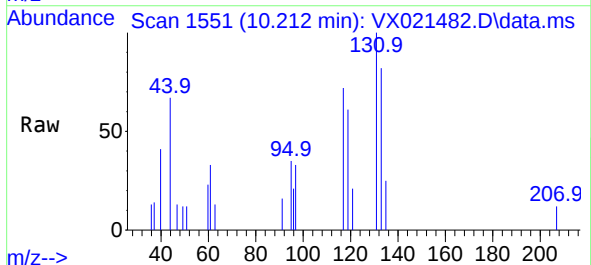
Tgt Ion:112 Resp: 2010
Ion Ratio Lower Upper
112 100
114 39.1 25.8 38.6#

Manual Integrations
APPROVED

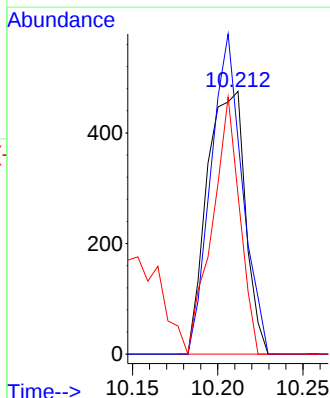
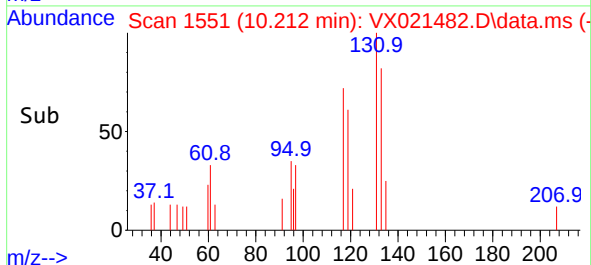
MMDadoda
3/26/2021 1:14:03 PM

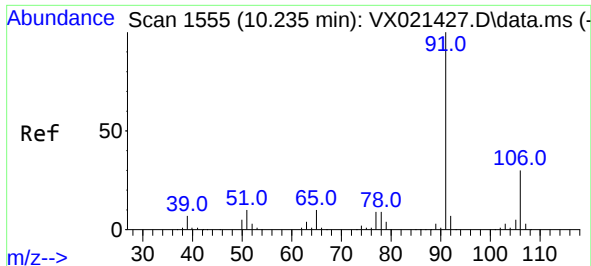


#66
1,1,1,2-Tetrachloroethane
Concen: 0.91 ug/l
RT: 10.212 min Scan# 1551
Delta R.T. 0.006 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54



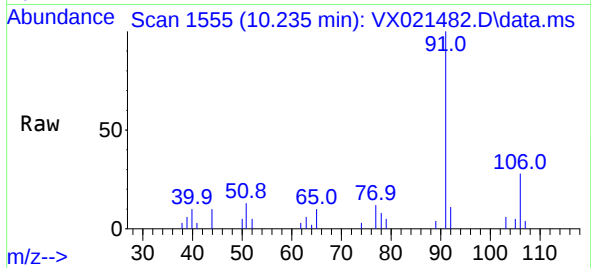
Tgt Ion:131 Resp: 741
Ion Ratio Lower Upper
131 100
133 100.4 47.7 143.1
119 0.0 32.1 96.5#





#67
Ethyl Benzene
Concen: 0.87 ug/l
RT: 10.235 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

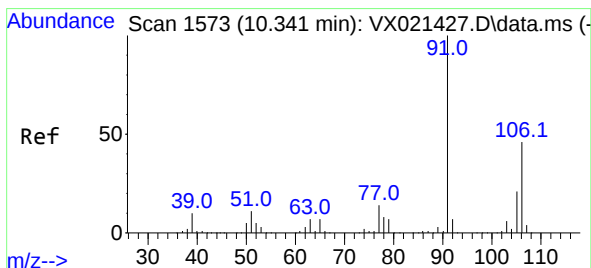
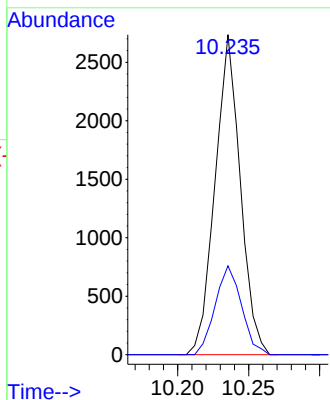
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2021



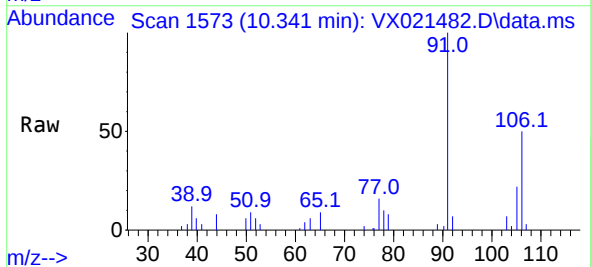
Tgt Ion: 91 Resp: 3372
Ion Ratio Lower Upper
91 100
106 27.7 24.6 37.0

Manual Integrations
APPROVED

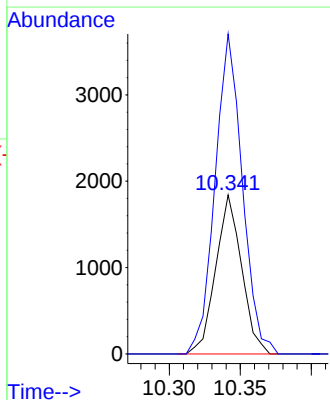
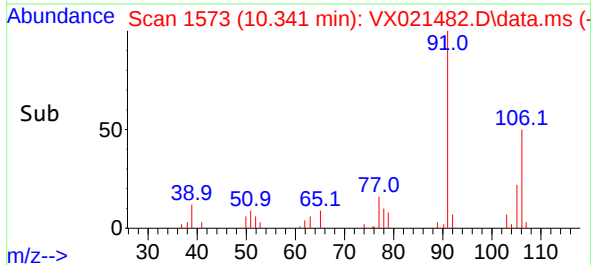
MMDadoda
3/26/2021 1:14:03 PM



#68
m/p-Xylenes
Concen: 1.68 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54



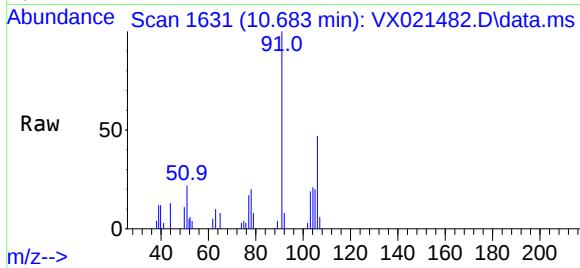
Tgt Ion: 106 Resp: 2334
Ion Ratio Lower Upper
106 100
91 211.9 162.8 244.2





#69
o-Xylene
Concen: 0.82 ug/l
RT: 10.683 min Scan# 1631
Delta R.T. 0.001 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

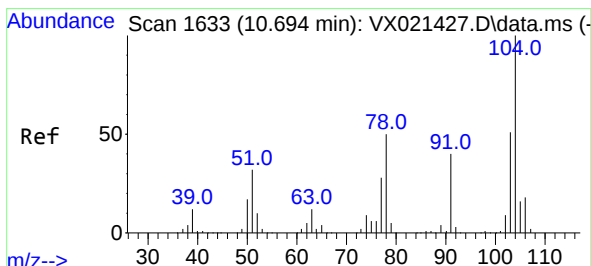
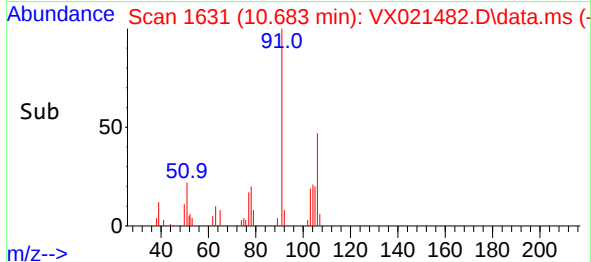
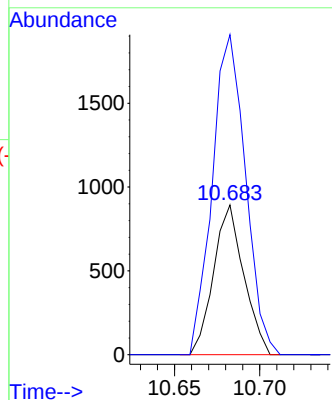
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2021



Tgt Ion:106 Resp: 1102
Ion Ratio Lower Upper
106 100
91 235.1 108.1 324.2

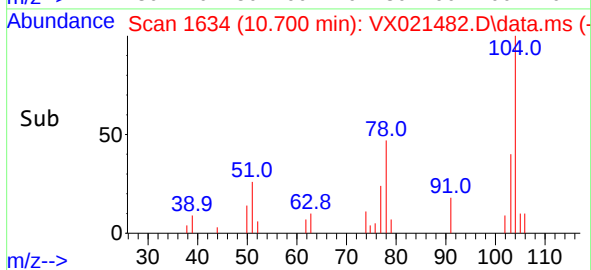
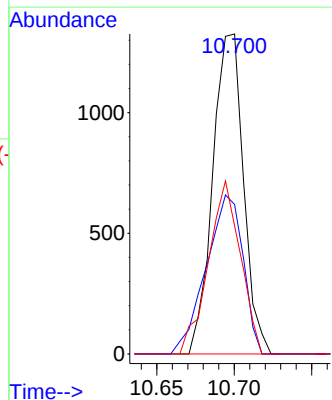
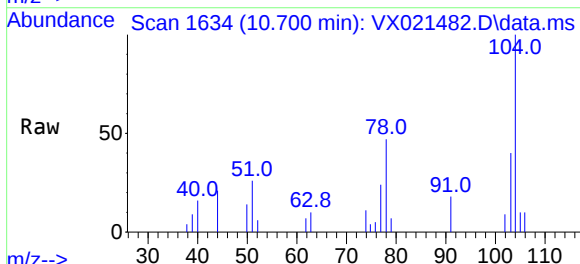
Manual Integrations
APPROVED

MMDadoda
3/26/2021 1:14:03 PM



#70
Styrene
Concen: 0.79 ug/l
RT: 10.700 min Scan# 1634
Delta R.T. 0.006 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

Tgt Ion:104 Resp: 1828
Ion Ratio Lower Upper
104 100
78 59.4 40.0 60.0
103 56.2 43.4 65.0





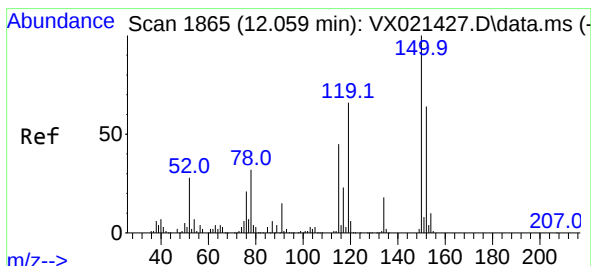
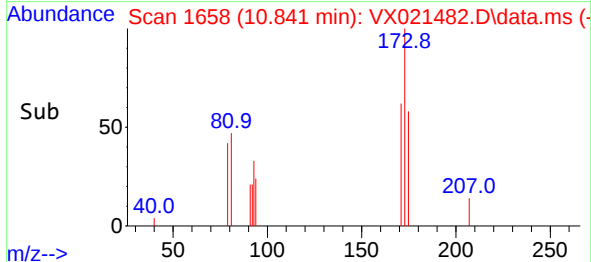
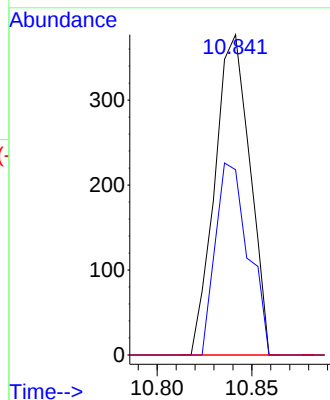
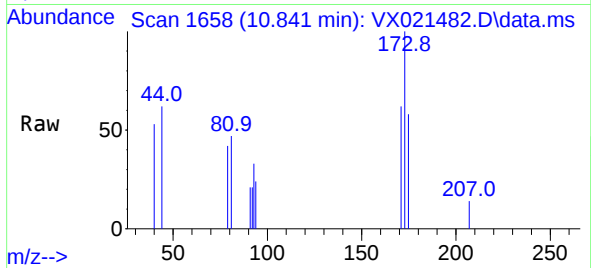
#71
Bromoform
Concen: 0.73 ug/l
RT: 10.841 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

Tgt Ion:173 Resp: 486
Ion Ratio Lower Upper
173 100
175 56.4 23.9 71.8
254 0.0 0.1 0.1#

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2021

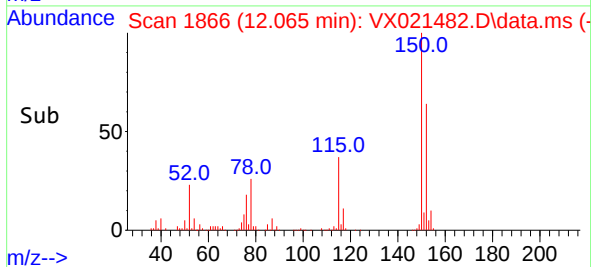
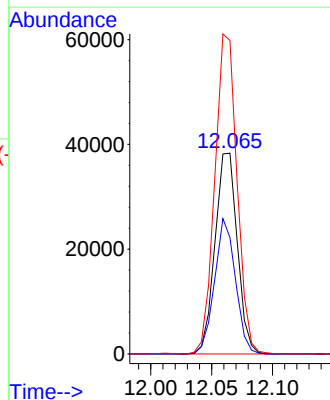
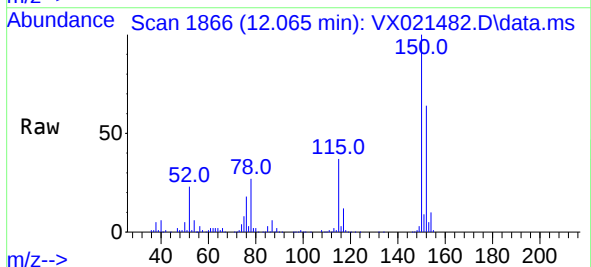
Manual Integrations
APPROVED

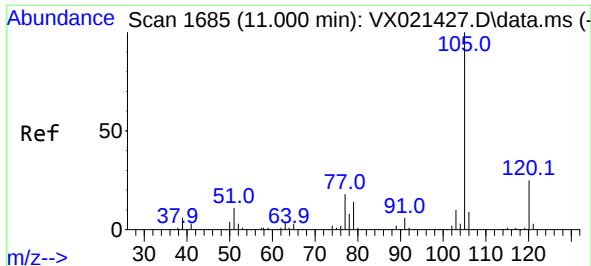
MMDadoda
3/26/2021 1:14:03 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

Tgt Ion:152 Resp: 48948
Ion Ratio Lower Upper
152 100
115 63.0 41.1 123.3
150 158.6 0.0 349.0





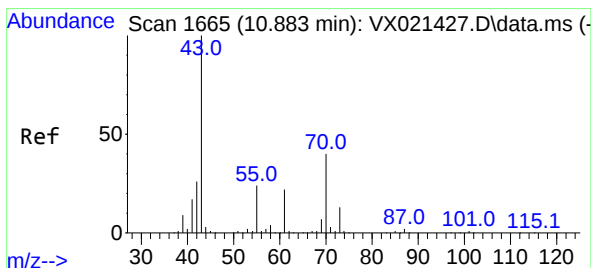
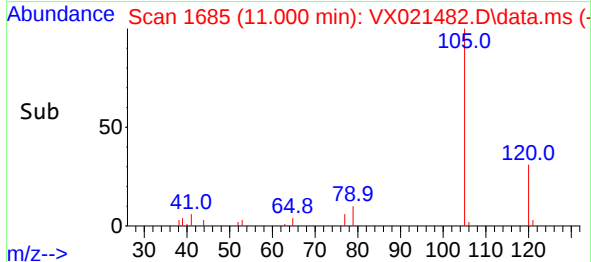
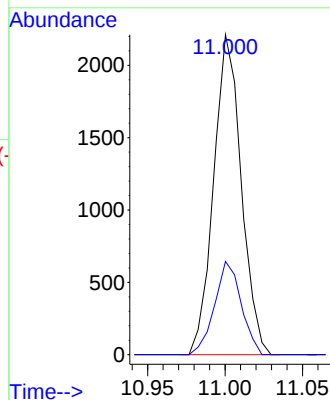
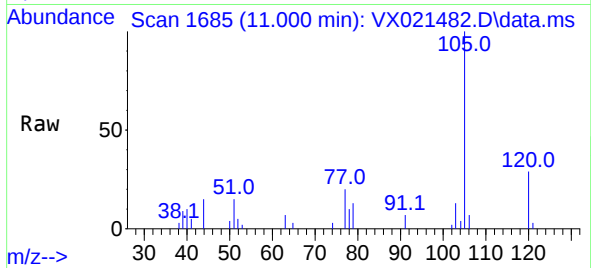
#73
Isopropylbenzene
Concen: 0.80 ug/l
RT: 11.000 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

Tgt Ion: 105 Resp: 2736
Ion Ratio Lower Upper
105 100
120 28.1 13.2 39.6

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2021

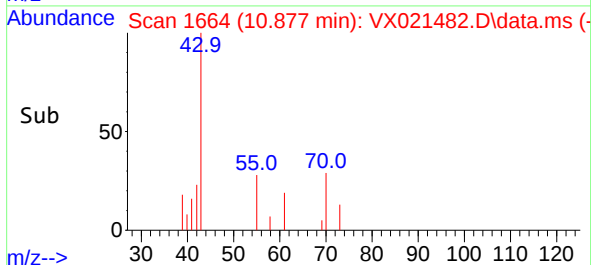
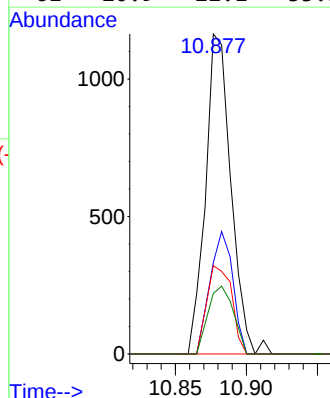
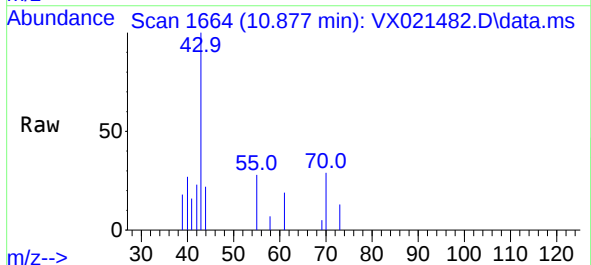
Manual Integrations
APPROVED

MMDadoda
3/26/2021 1:14:03 PM



#74
N-ethyl acetate
Concen: 0.87 ug/l
RT: 10.877 min Scan# 1664
Delta R.T. -0.006 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

Tgt Ion: 43 Resp: 1452
Ion Ratio Lower Upper
43 100
70 34.1 39.0 58.6#
55 26.7 21.5 32.3
61 20.9 22.1 33.1#





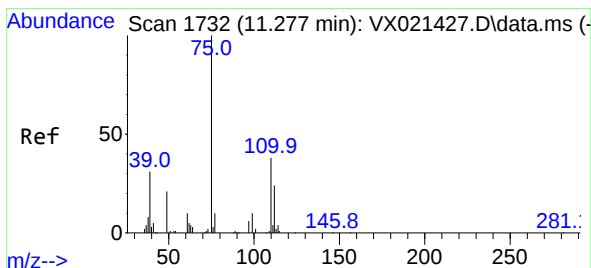
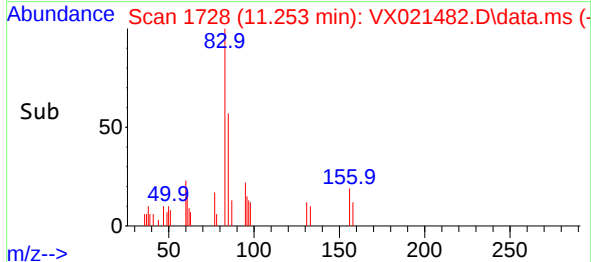
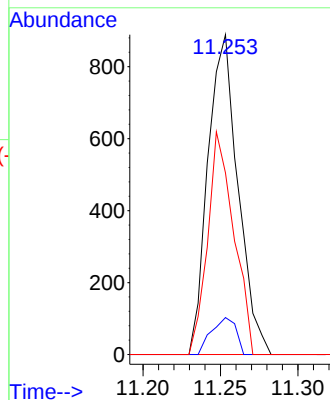
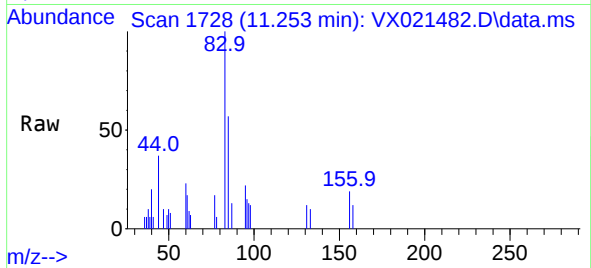
#75
1,1,2,2-Tetrachloroethane
Concen: 0.99 ug/l
RT: 11.253 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

Tgt Ion: 83 Resp: 1201
Ion Ratio Lower Upper
83 100
131 9.4 5.1 15.2
85 60.4 31.8 95.4

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2021

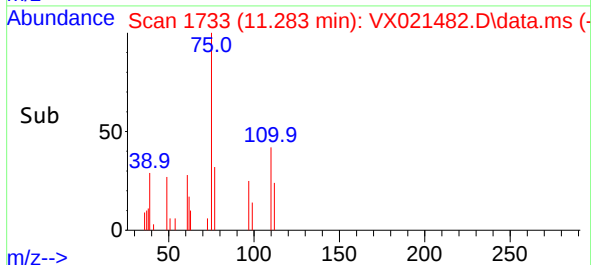
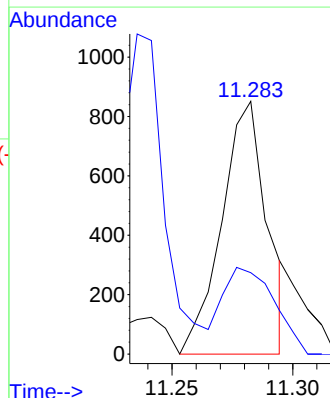
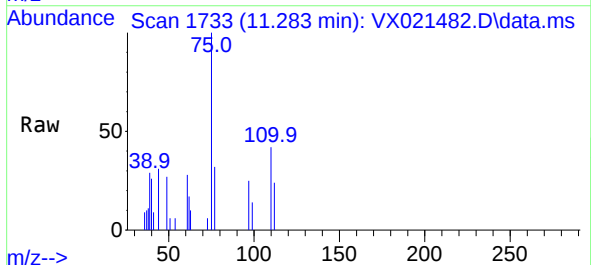
Manual Integrations
APPROVED

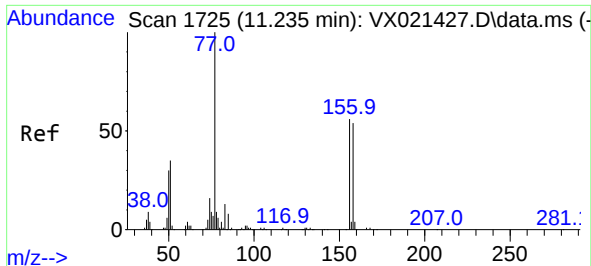
MMDadoda
3/26/2021 1:14:03 PM



#76
1,2,3-Trichloropropane
Concen: 0.98 ug/l m
RT: 11.283 min Scan# 1733
Delta R.T. 0.006 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

Tgt Ion: 75 Resp: 1112
Ion Ratio Lower Upper
75 100
77 38.8 19.1 57.5





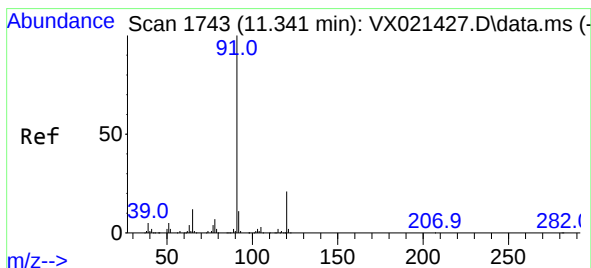
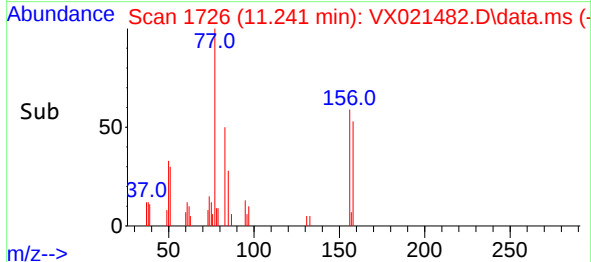
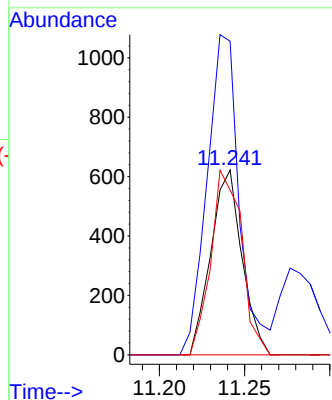
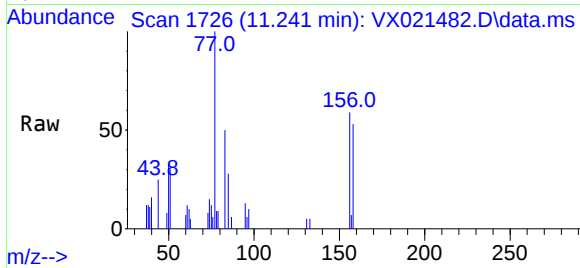
#77
Bromobenzene
Concen: 0.93 ug/l
RT: 11.241 min Scan# 1726
Delta R.T. 0.006 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

Tgt Ion: 156 Resp: 790
Ion Ratio Lower Upper
156 100
77 179.7 82.8 248.6
158 99.4 49.1 147.4

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2021

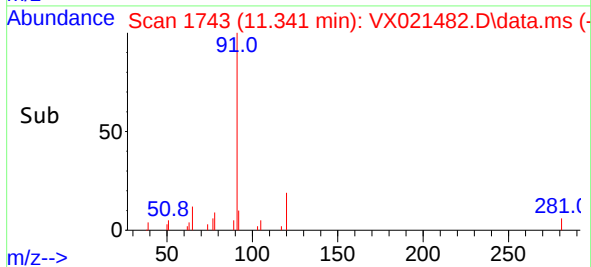
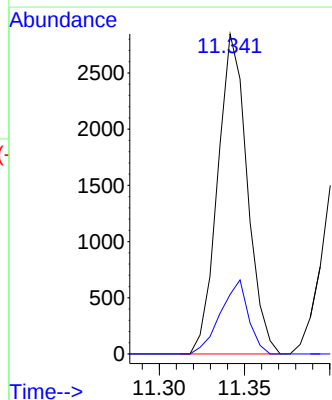
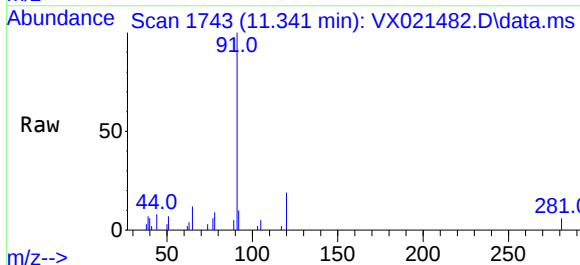
Manual Integrations
APPROVED

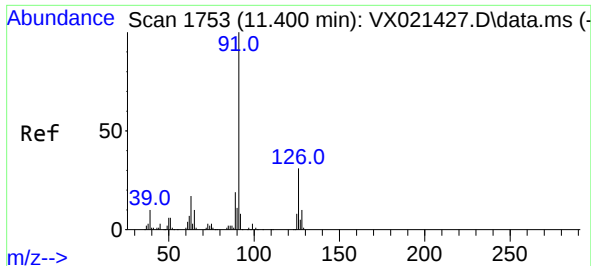
MMDadoda
3/26/2021 1:14:03 PM



#78
n-propylbenzene
Concen: 0.85 ug/l
RT: 11.341 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

Tgt Ion: 91 Resp: 3438
Ion Ratio Lower Upper
91 100
120 21.7 11.5 34.5





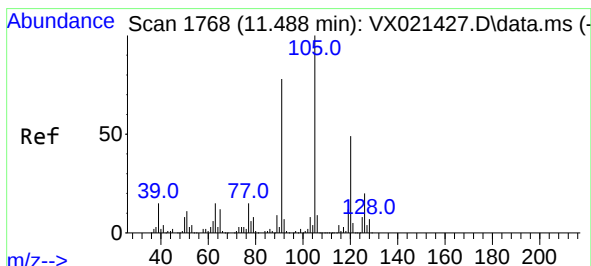
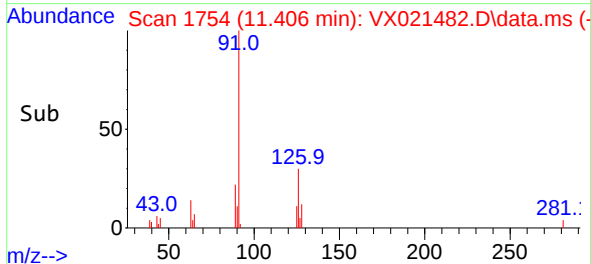
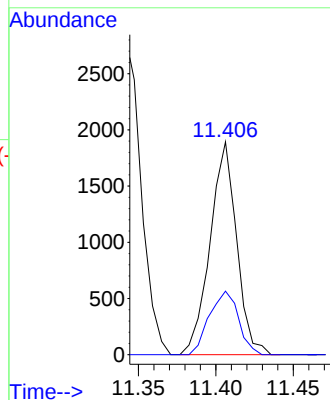
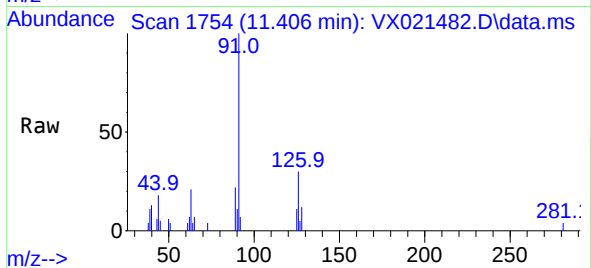
#79
2-Chlorotoluene
Concen: 0.92 ug/l
RT: 11.406 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

Tgt Ion: 91 Resp: 2261
Ion Ratio Lower Upper
91 100
126 32.6 16.6 49.8

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2021

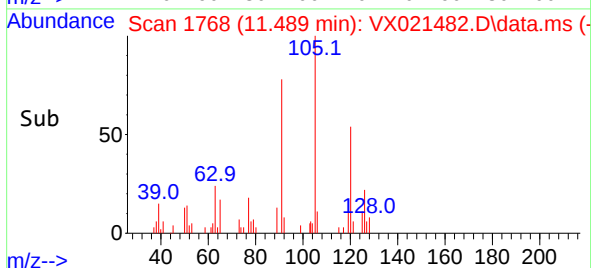
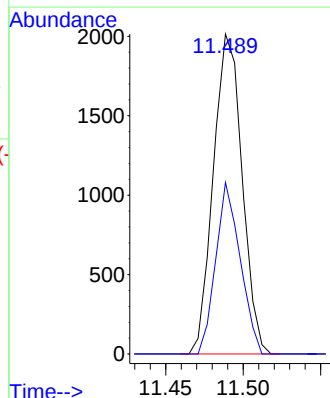
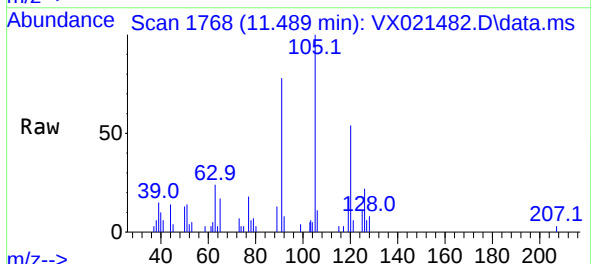
Manual Integrations
APPROVED

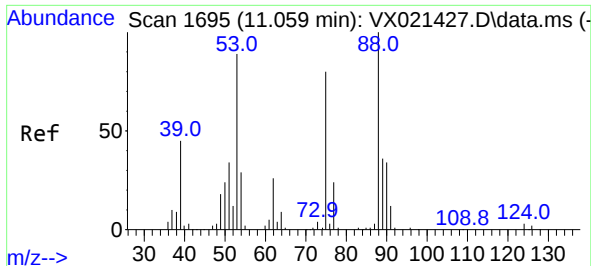
MMDadoda
3/26/2021 1:14:03 PM



#80
1,3,5-Trimethylbenzene
Concen: 0.88 ug/l
RT: 11.489 min Scan# 1768
Delta R.T. 0.001 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

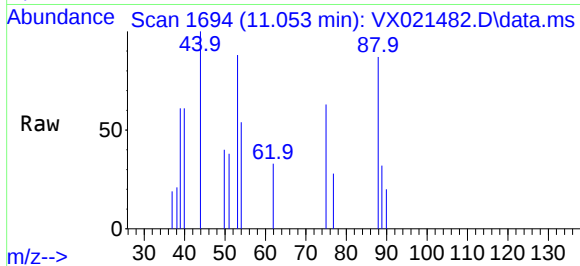
Tgt Ion: 105 Resp: 2597
Ion Ratio Lower Upper
105 100
120 45.5 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 0.69 ug/l m
RT: 11.053 min Scan# 1694
Delta R.T. -0.006 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

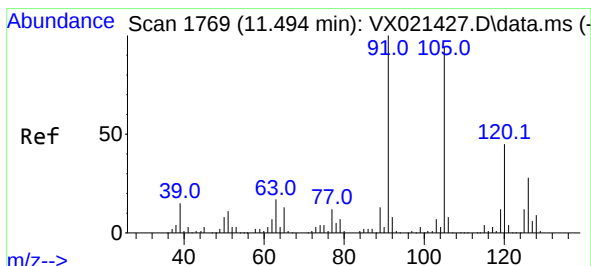
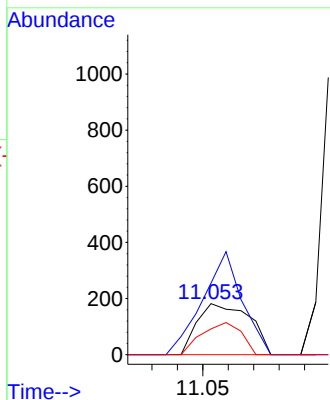
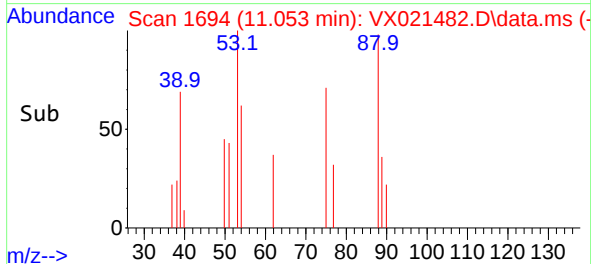
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2021



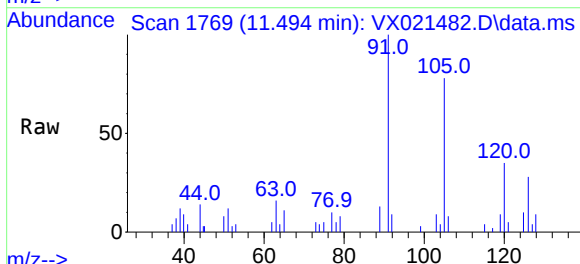
Tgt Ion: 75 Resp: 259
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

Manual Integrations
APPROVED

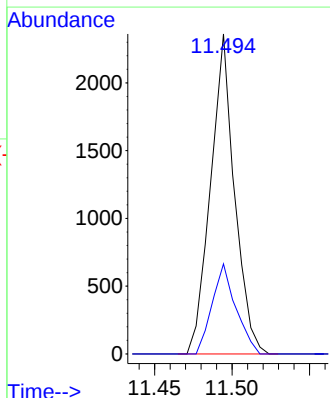
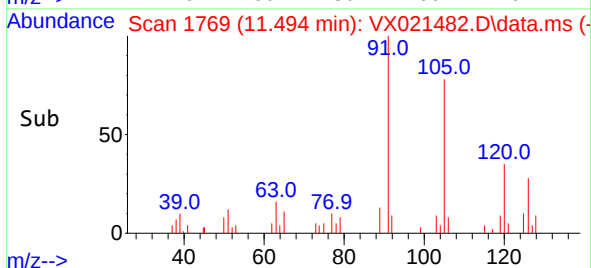
MMDadoda
3/26/2021 1:14:03 PM



#82
4-Chlorotoluene
Concen: 0.87 ug/l
RT: 11.494 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54



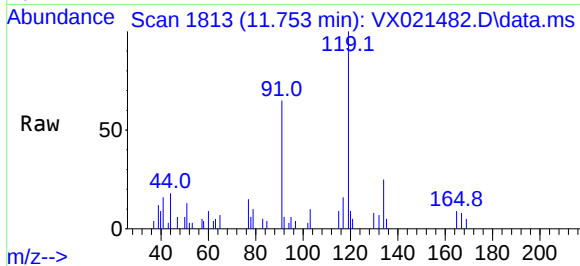
Tgt Ion: 91 Resp: 2536
Ion Ratio Lower Upper
91 100
126 27.8 14.9 44.5





#83
tert-Butylbenzene
Concen: 0.86 ug/l
RT: 11.753 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

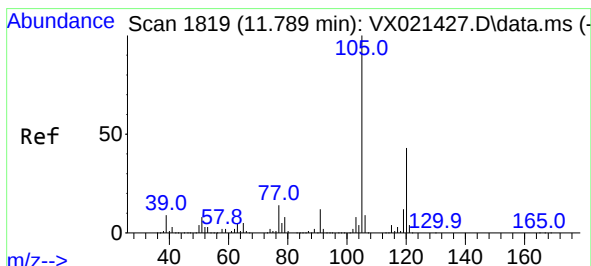
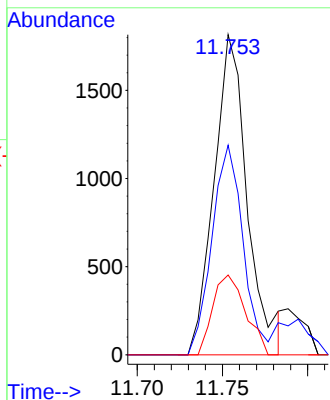
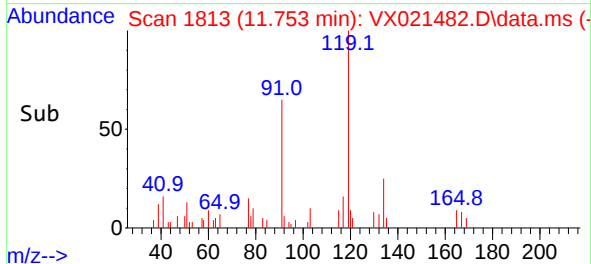
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2021



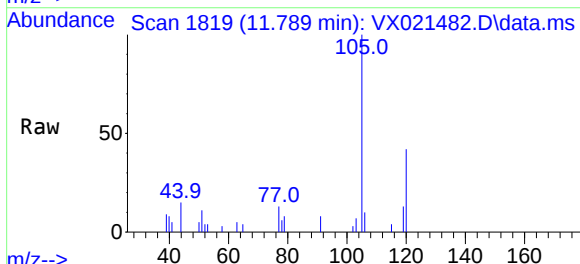
Tgt Ion:119 Resp: 2466
Ion Ratio Lower Upper
119 100
91 61.4 27.9 83.7
134 24.5 11.3 33.9

Manual Integrations
APPROVED

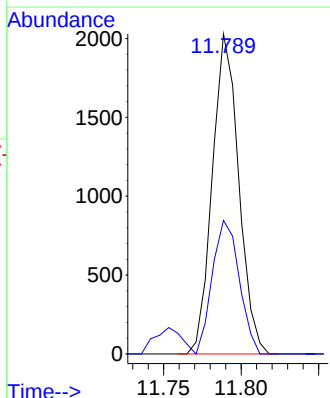
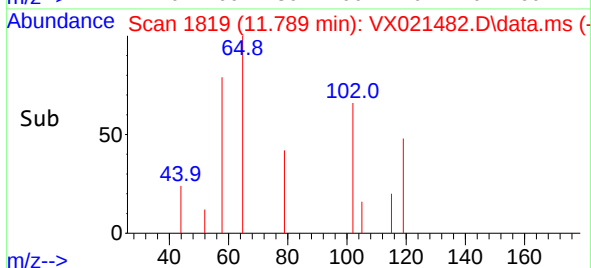
MMDadoda
3/26/2021 1:14:03 PM

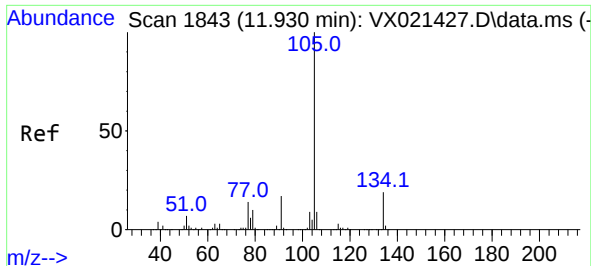


#84
1,2,4-Trimethylbenzene
Concen: 0.81 ug/l
RT: 11.789 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54



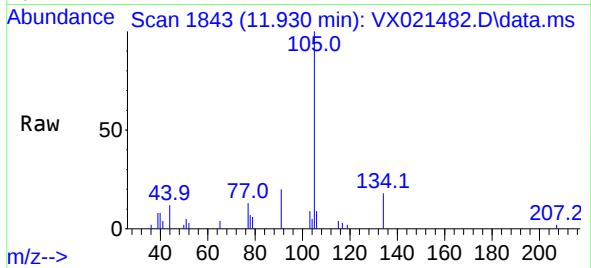
Tgt Ion:105 Resp: 2400
Ion Ratio Lower Upper
105 100
120 42.6 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 0.86 ug/l
 RT: 11.930 min Scan# 1843
 Delta R.T. -0.000 min
 Lab File: VX021482.D
 Acq: 25 Mar 2021 13:54

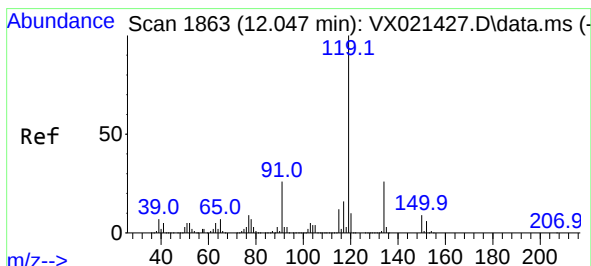
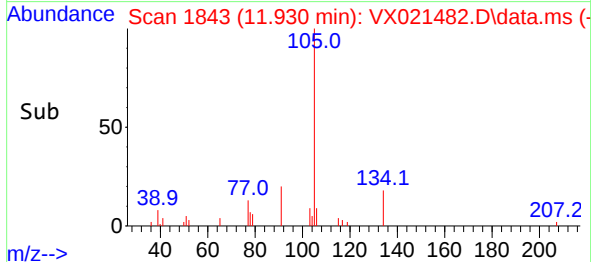
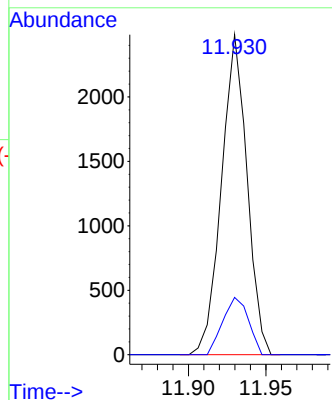
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2021



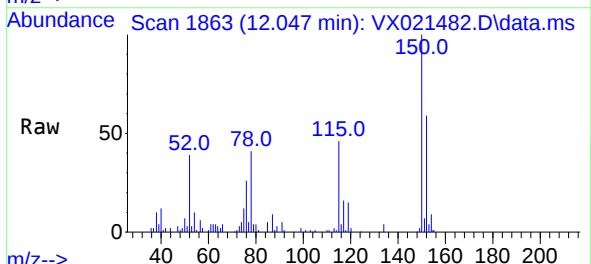
Tgt Ion:105 Resp: 2843
 Ion Ratio Lower Upper
 105 100
 134 17.9 10.0 29.8

Manual Integrations
 APPROVED

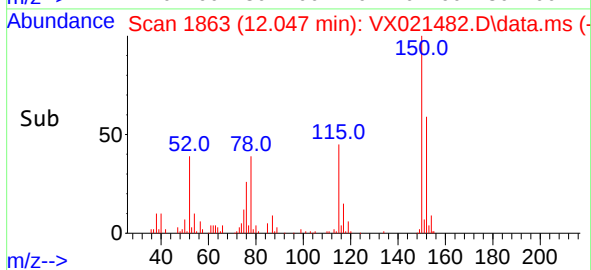
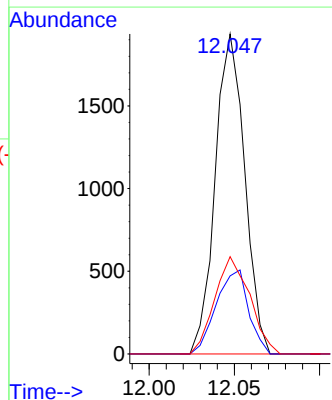
MMDadoda
 3/26/2021 1:14:03 PM

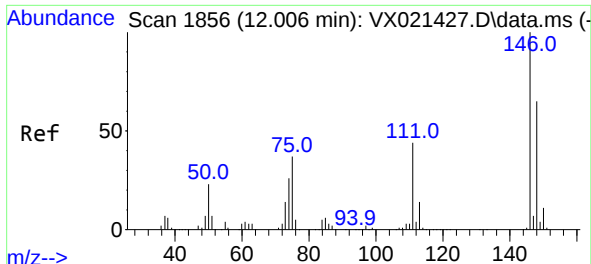


#86
 p-Isopropyltoluene
 Concen: 0.77 ug/l
 RT: 12.047 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VX021482.D
 Acq: 25 Mar 2021 13:54

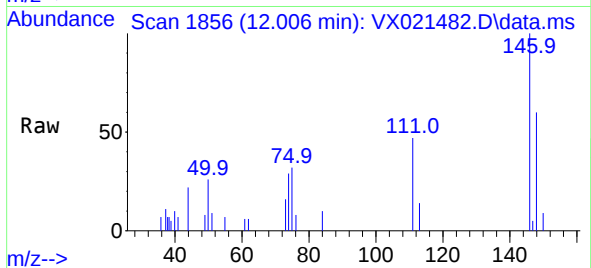


Tgt Ion:119 Resp: 2326
 Ion Ratio Lower Upper
 119 100
 134 28.8 12.9 38.7
 91 36.2 11.7 35.0#

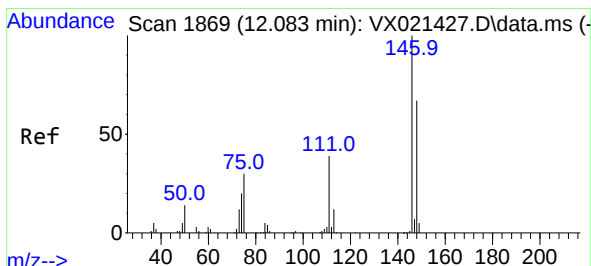
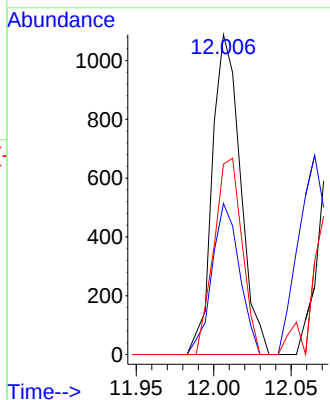
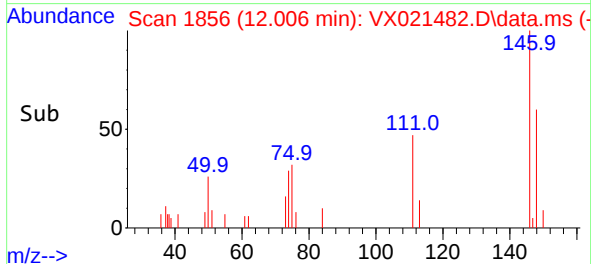




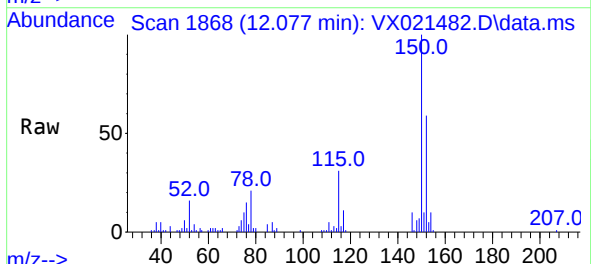
#87
1,3-Dichlorobenzene
Concen: 0.89 ug/l
RT: 12.006 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54



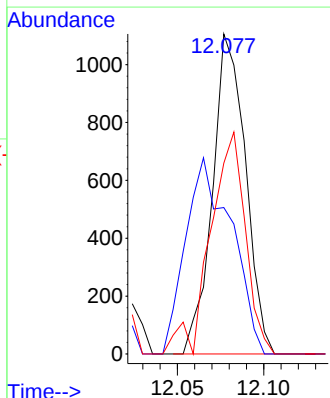
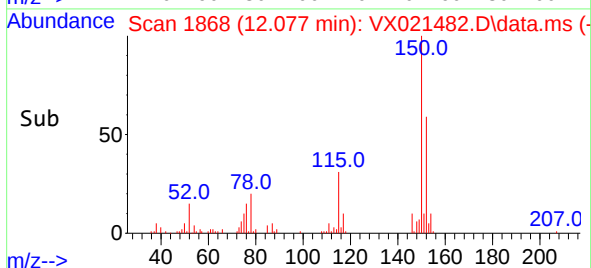
Tgt Ion:146 Resp: 1372
Ion Ratio Lower Upper
146 100
111 46.4 20.2 60.5
148 61.2 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 0.92 ug/l m
RT: 12.077 min Scan# 1868
Delta R.T. -0.006 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54



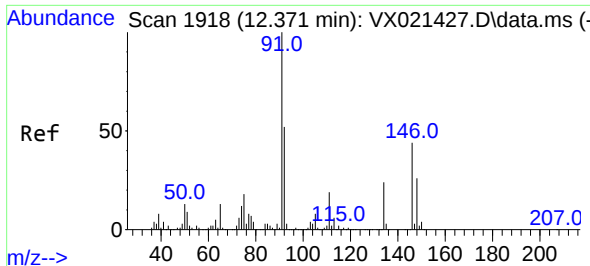
Tgt Ion:146 Resp: 1469
Ion Ratio Lower Upper
146 100
111 43.3 19.6 58.8
148 57.2 31.6 95.0



Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2021

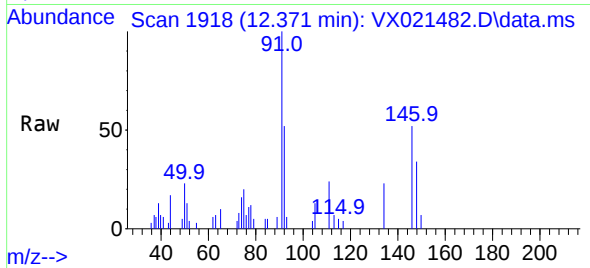
Manual Integrations
APPROVED

MMDadoda
3/26/2021 1:14:03 PM



#89
n-Butylbenzene
Concen: 0.78 ug/l
RT: 12.371 min Scan# 1918
Delta R.T. 0.000 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

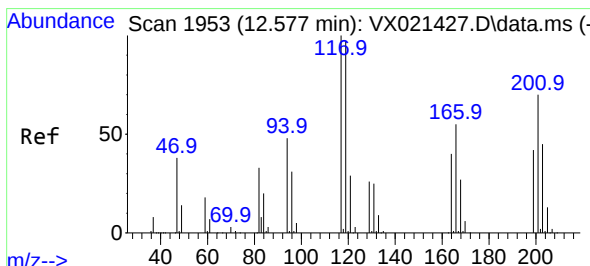
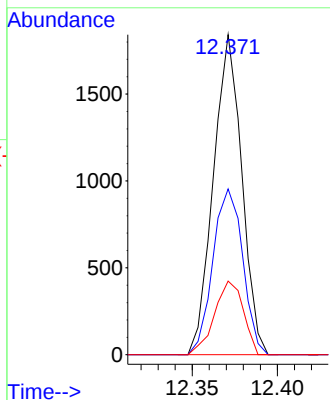
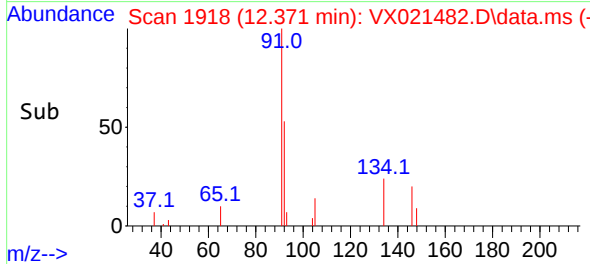
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2021



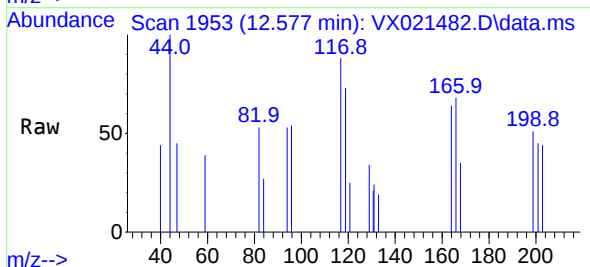
Tgt Ion: 91 Resp: 2135
Ion Ratio Lower Upper
91 100
92 54.5 27.4 82.0
134 23.4 13.2 39.5

Manual Integrations
APPROVED

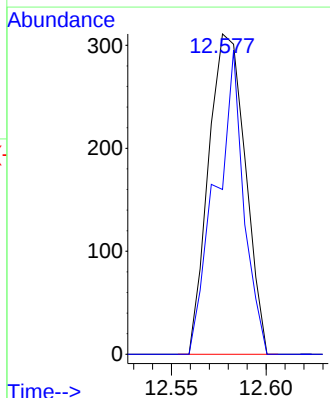
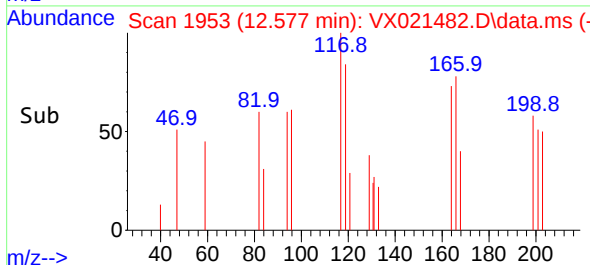
MMDadoda
3/26/2021 1:14:03 PM

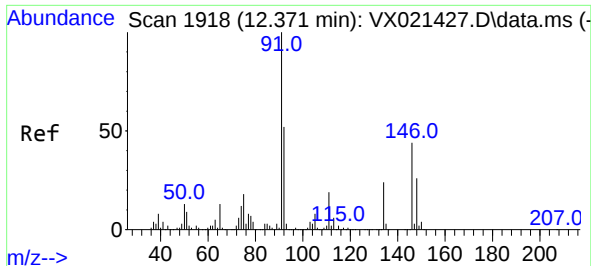


#90
Hexachloroethane
Concen: 0.77 ug/l
RT: 12.577 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54



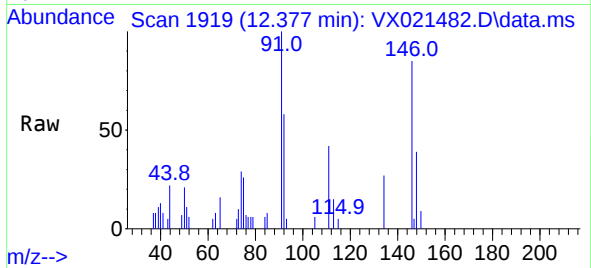
Tgt Ion: 117 Resp: 419
Ion Ratio Lower Upper
117 100
201 72.6 40.4 121.2





#91
1,2-Dichlorobenzene
Concen: 0.96 ug/l
RT: 12.377 min Scan# 1919
Delta R.T. 0.006 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

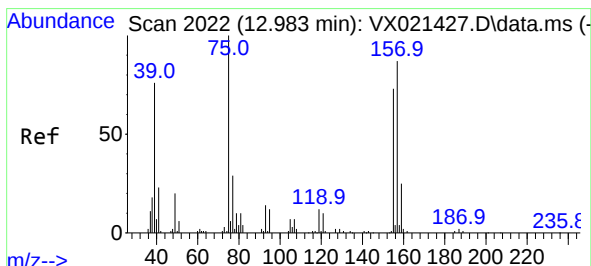
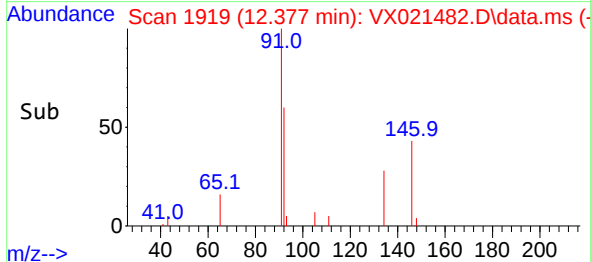
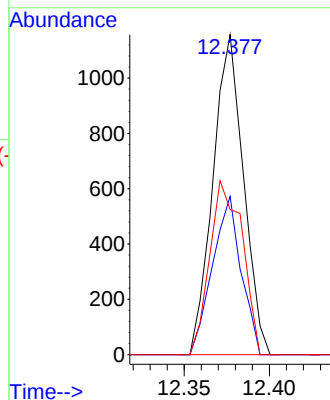
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2021



Tgt Ion:146 Resp: 1440
Ion Ratio Lower Upper
146 100
111 46.4 20.8 62.2
148 57.8 31.9 95.5

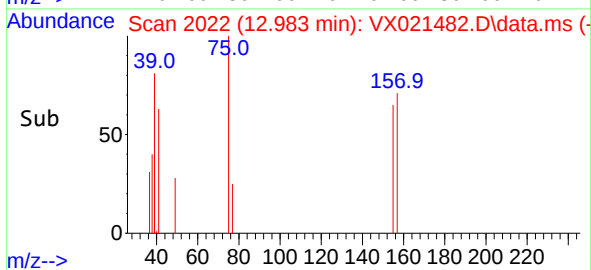
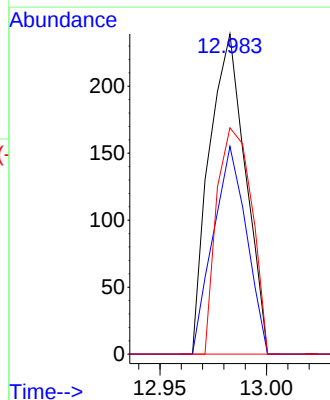
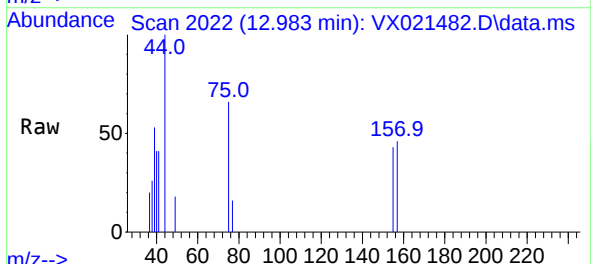
Manual Integrations
APPROVED

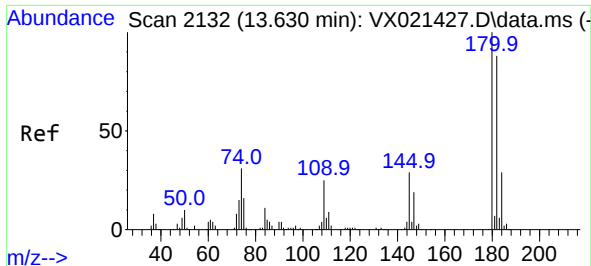
MMDadoda
3/26/2021 1:14:03 PM



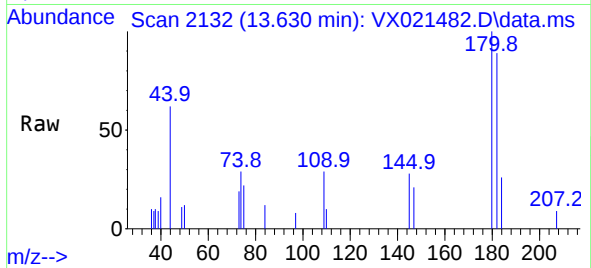
#92
1,2-Dibromo-3-Chloropropane
Concen: 1.01 ug/l
RT: 12.983 min Scan# 2022
Delta R.T. -0.000 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

Tgt Ion: 75 Resp: 282
Ion Ratio Lower Upper
75 100
155 59.9 45.3 135.9
157 68.4 57.7 173.1

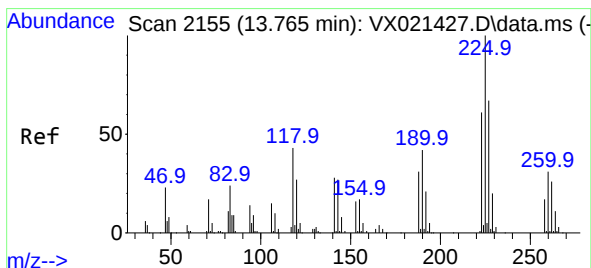
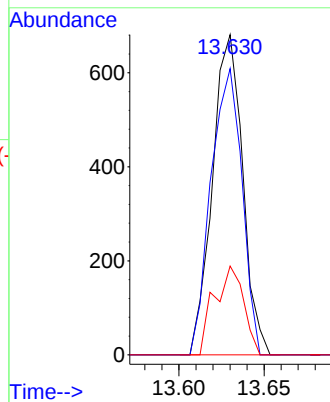
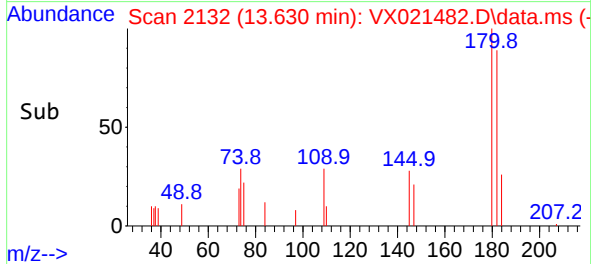




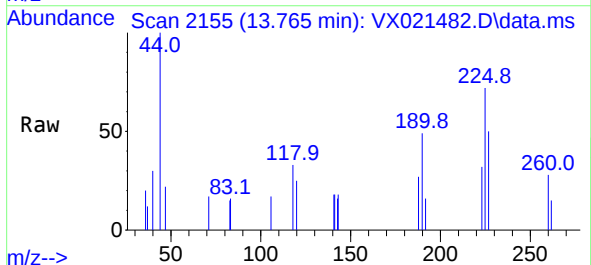
#93
1,2,4-Trichlorobenzene
Concen: 0.86 ug/l
RT: 13.630 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54



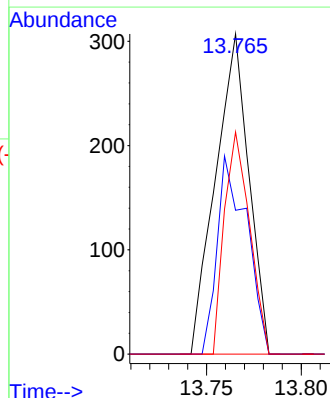
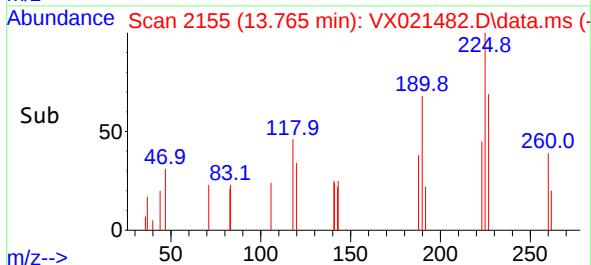
Tgt Ion:180 Resp: 840
Ion Ratio Lower Upper
180 100
182 91.5 47.7 143.1
145 26.9 15.0 45.0



#94
Hexachlorobutadiene
Concen: 0.85 ug/l
RT: 13.765 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54



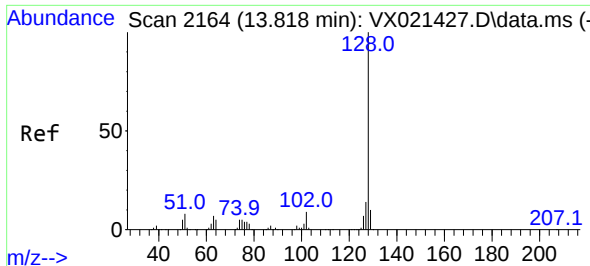
Tgt Ion:225 Resp: 375
Ion Ratio Lower Upper
225 100
223 54.7 31.1 93.2
227 52.8 31.6 95.0



Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2021

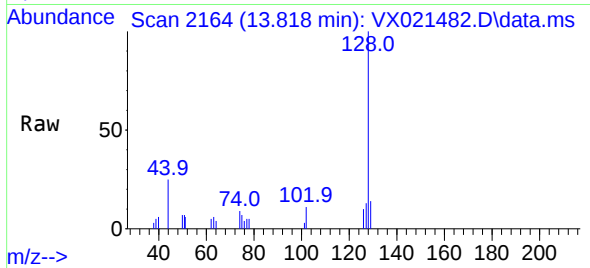
Manual Integrations
APPROVED

MMDadoda
3/26/2021 1:14:03 PM



#95
Naphthalene
Concen: 0.74 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

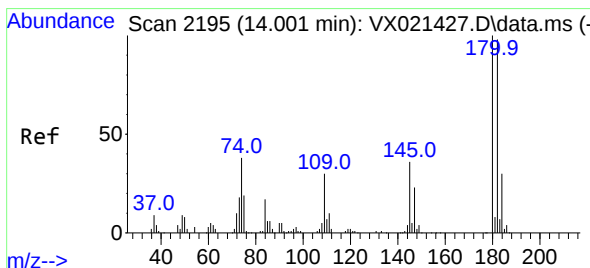
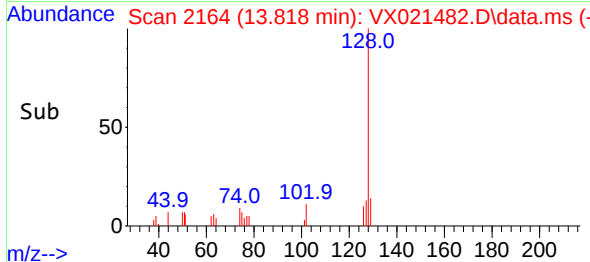
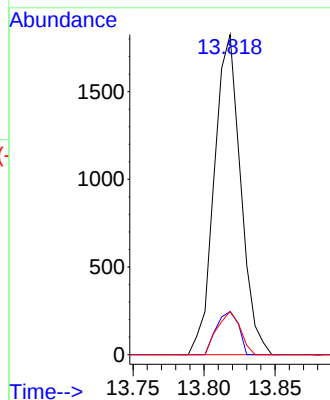
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2021



Tgt Ion:128 Resp: 2359
Ion Ratio Lower Upper
128 100
127 11.3 10.3 15.5
129 11.7 8.8 13.2

Manual Integrations
APPROVED

MMDadoda
3/26/2021 1:14:03 PM



#96
1,2,3-Trichlorobenzene
Concen: 0.76 ug/l
RT: 14.001 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VX021482.D
Acq: 25 Mar 2021 13:54

Tgt Ion:180 Resp: 743
Ion Ratio Lower Upper
180 100
182 100.1 47.6 142.9
145 34.1 16.1 48.3

