

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031921\
 Data File : VN066278.D
 Acq On : 19 Mar 2021 14:20
 Operator : JC/MD
 Sample : VN0319WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0319WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/22/2021 11:50:29 AM

Quant Time: Mar 20 04:57:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031621W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 17 05:05:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.587	168	257373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.518	114	374477	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	350324	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	174490	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.952	65	133357	35.96	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	71.92%#		
35) Dibromofluoromethane	7.512	113	105701	44.25	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.50%		
50) Toluene-d8	10.028	98	393918	42.64	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	85.28%#		
62) 4-Bromofluorobenzene	12.345	95	130964	39.33	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	78.66%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.821	85	33570	13.26	ug/l	94
3) Chloromethane	2.017	50	52952	12.75	ug/l	98
4) Vinyl Chloride	2.148	62	47153	12.90	ug/l	99
5) Bromomethane	2.521	94	29406	14.06	ug/l	93
6) Chloroethane	2.658	64	29254	13.84	ug/l	98
7) Trichlorofluoromethane	2.969	101	62384	14.58	ug/l	94
8) Diethyl Ether	3.347	74	22224	12.72	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.682	101	31322	13.81	ug/l #	75
10) Methyl Iodide	3.873	142	40226	12.53	ug/l	98
11) Tert butyl alcohol	4.723	59	44323m	70.03	ug/l	
12) 1,1-Dichloroethene	3.661	96	30389	12.58	ug/l	99
13) Acrolein	3.535	56	44043	76.29	ug/l	93
14) Allyl chloride	4.237	41	82344	14.38	ug/l	98
15) Acrylonitrile	4.886	53	125603	66.26	ug/l	96
16) Acetone	3.744	43	130938	73.51	ug/l	100
17) Carbon Disulfide	3.972	76	83399	12.22	ug/l	99
18) Methyl Acetate	4.243	43	76570	15.36	ug/l #	83
19) Methyl tert-butyl Ether	4.948	73	120106	13.00	ug/l	97
20) Methylene Chloride	4.457	84	38633	13.86	ug/l	92
21) trans-1,2-Dichloroethene	4.940	96	40398	15.09	ug/l #	75
22) Diisopropyl ether	5.868	45	139290	11.84	ug/l #	96
23) Vinyl Acetate	5.804	43	551385	54.68	ug/l #	92
24) 1,1-Dichloroethane	5.753	63	79012	13.48	ug/l	96
25) 2-Butanone	6.750	43	163290	59.02	ug/l #	87
26) 2,2-Dichloropropane	6.729	77	67264	13.88	ug/l	97
27) cis-1,2-Dichloroethene	6.737	96	43125	13.97	ug/l	87
28) Bromochloromethane	7.110	49	36126	11.66	ug/l #	72
29) Tetrahydrofuran	7.137	42	106721	56.01	ug/l	90
30) Chloroform	7.287	83	76308	14.26	ug/l	99
31) Cyclohexane	7.571	56	62789	11.30	ug/l #	91
32) 1,1,1-Trichloroethane	7.491	97	64203	13.96	ug/l	98
36) 1,1-Dichloropropene	7.713	75	51901	13.69	ug/l	95
37) Ethyl Acetate	6.844	43	64785	11.95	ug/l #	94
38) Carbon Tetrachloride	7.692	117	54430	16.01	ug/l	98
39) Methylcyclohexane	9.014	83	52915	12.99	ug/l	99
40) Benzene	7.965	78	169941	14.93	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031921\
 Data File : VN066278.D
 Acq On : 19 Mar 2021 14:20
 Operator : JC/MD
 Sample : VN0319WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0319WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/22/2021 11:50:29 AM

Quant Time: Mar 20 04:57:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031621W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 17 05:05:15 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.088	41	30718	11.49	ug/l #	83
42) 1,2-Dichloroethane	8.051	62	57800	13.99	ug/l	93
43) Isopropyl Acetate	8.097	43	100181	11.95	ug/l #	91
44) Trichloroethene	8.767	130	45297	16.37	ug/l	91
45) 1,2-Dichloropropane	9.052	63	49156	14.92	ug/l	98
46) Dibromomethane	9.143	93	29456	16.05	ug/l	92
47) Bromodichloromethane	9.336	83	59330	14.82	ug/l	99
48) Methyl methacrylate	9.137	41	45718	11.51	ug/l	89
49) 1,4-Dioxane	9.137	88	12730	295.29	ug/l	92
51) 4-Methyl-2-Pentanone	9.923	43	320903	63.35	ug/l	96
52) Toluene	10.095	92	100298	15.20	ug/l	100
53) t-1,3-Dichloropropene	10.323	75	62593	13.83	ug/l	97
54) cis-1,3-Dichloropropene	9.776	75	68053	13.84	ug/l #	87
55) 1,1,2-Trichloroethane	10.503	97	44789	16.57	ug/l	95
56) Ethyl methacrylate	10.371	69	52682	12.61	ug/l #	87
57) 1,3-Dichloropropane	10.647	76	71064	14.57	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.634	63	34601	99.05	ug/l	92
59) 2-Hexanone	10.693	43	221842	57.05	ug/l	94
60) Dibromochloromethane	10.843	129	44455	15.70	ug/l	99
61) 1,2-Dibromoethane	10.945	107	42538	15.80	ug/l	98
64) Tetrachloroethene	10.572	164	50539	17.39	ug/l	96
65) Chlorobenzene	11.374	112	146510	20.84	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.452	131	42819	16.26	ug/l	99
67) Ethyl Benzene	11.455	91	171180	13.73	ug/l	97
68) m/p-Xylenes	11.565	106	137882	29.81	ug/l	89
69) o-Xylene	11.892	106	62094	13.98	ug/l	91
70) Styrene	11.905	104	107831	14.65	ug/l	94
71) Bromoform	12.069	173	34285	16.42	ug/l #	98
73) Isopropylbenzene	12.192	105	161432	13.20	ug/l	96
74) N-amyl acetate	12.015	43	51461	9.41	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.447	83	62186	14.55	ug/l	98
76) 1,2,3-Trichloropropane	12.498	75	60352m	13.39	ug/l	
77) Bromobenzene	12.468	156	47545	14.82	ug/l	86
78) n-propylbenzene	12.535	91	191026	13.58	ug/l	96
79) 2-Chlorotoluene	12.619	91	118204	13.76	ug/l	93
80) 1,3,5-Trimethylbenzene	12.678	105	139426	13.74	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.246	75	17461	11.60	ug/l	91
82) 4-Chlorotoluene	12.718	91	120380	13.24	ug/l	94
83) tert-Butylbenzene	12.938	119	111840	12.64	ug/l	98
84) 1,2,4-Trimethylbenzene	12.983	105	130901	13.20	ug/l	89
85) sec-Butylbenzene	13.115	105	150870	13.30	ug/l	96
86) p-Isopropyltoluene	13.233	119	130442	13.11	ug/l	97
87) 1,3-Dichlorobenzene	13.225	146	85009	15.64	ug/l	97
88) 1,4-Dichlorobenzene	13.305	146	87137	15.31	ug/l	97
89) n-Butylbenzene	13.560	91	106948	12.48	ug/l	96
90) Hexachloroethane	13.812	117	25783	14.80	ug/l	97
91) 1,2-Dichlorobenzene	13.598	146	83521	15.60	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.212	75	12652	13.88	ug/l	91
93) 1,2,4-Trichlorobenzene	14.850	180	52930	15.13	ug/l	98
94) Hexachlorobutadiene	14.949	225	28147	16.55	ug/l	98
95) Naphthalene	15.070	128	146265	14.30	ug/l	99
96) 1,2,3-Trichlorobenzene	15.250	180	52796	15.15	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031921\
Data File : VN066278.D
Acq On : 19 Mar 2021 14:20
Operator : JC/MD
Sample : VN0319WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

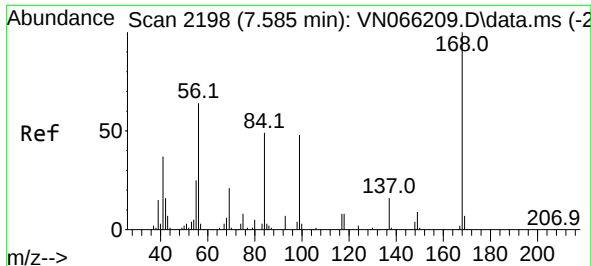
Manual Integrations
APPROVED

MMDadoda
3/22/2021 11:50:29 AM

Quant Time: Mar 20 04:57:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031621W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 17 05:05:15 2021
Response via : Initial Calibration

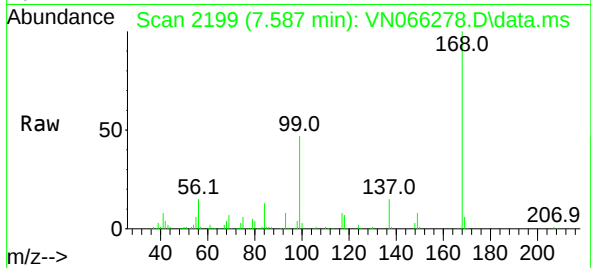
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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

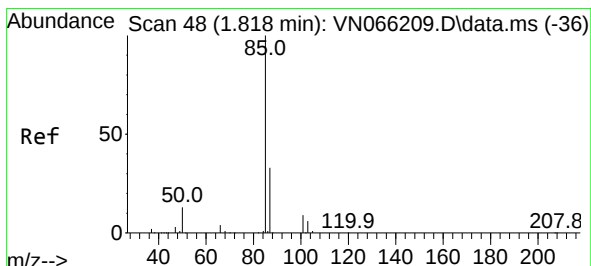
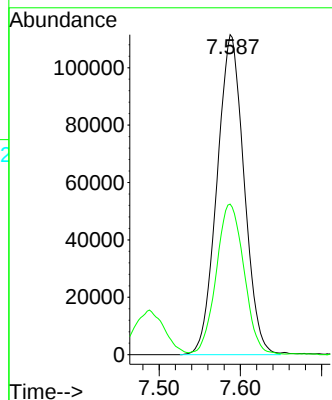
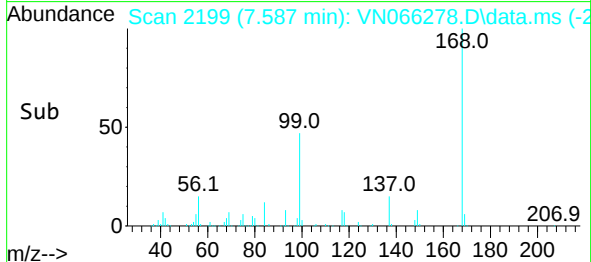


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.587 min Scan# 2199
Delta R.T. 0.002 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

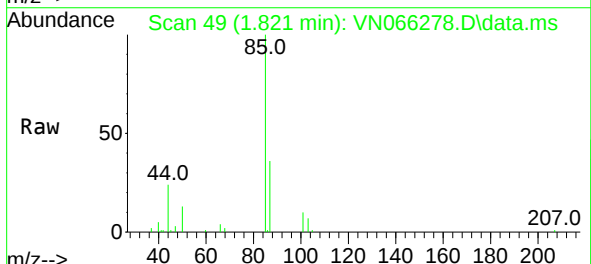
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



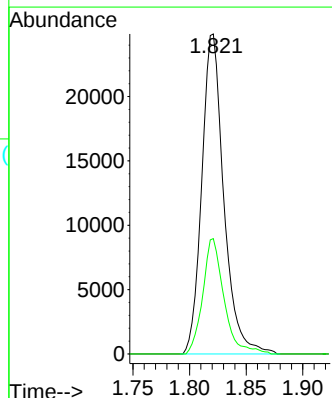
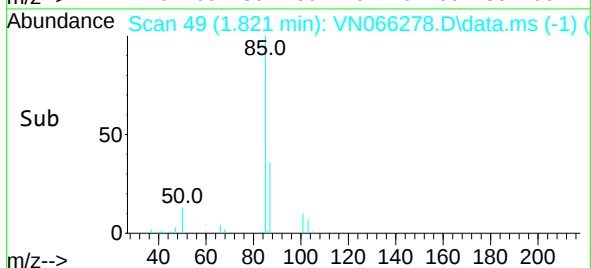
Tgt Ion:168 Resp: 257373
Ion Ratio Lower Upper
168 100
99 46.7 45.4 68.0

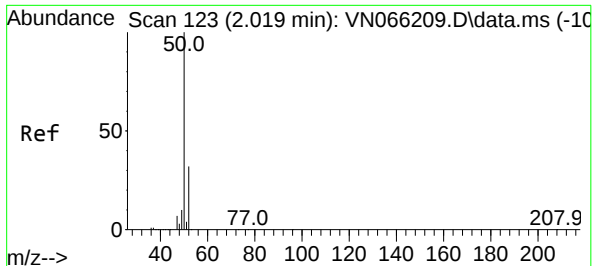


#2
Dichlorodifluoromethane
Concen: 13.26 ug/l
RT: 1.821 min Scan# 49
Delta R.T. 0.003 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20



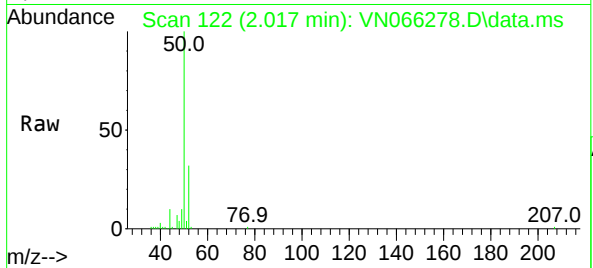
Tgt Ion: 85 Resp: 33570
Ion Ratio Lower Upper
85 100
87 36.0 16.4 49.2





#3
Chloromethane
Concen: 12.75 ug/l
RT: 2.017 min Scan# 122
Delta R.T. -0.002 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

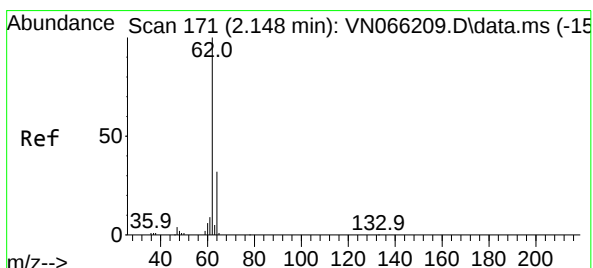
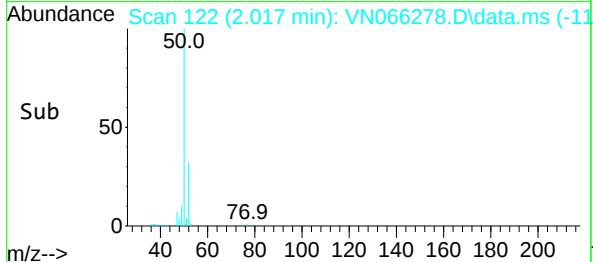
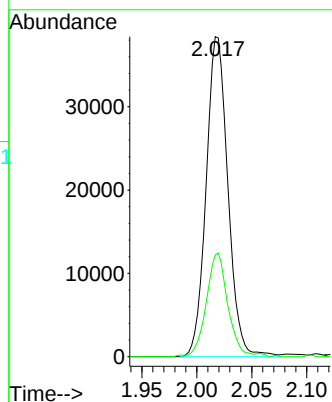
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



Tgt Ion: 50 Resp: 52952
Ion Ratio Lower Upper
50 100
52 31.8 26.2 39.4

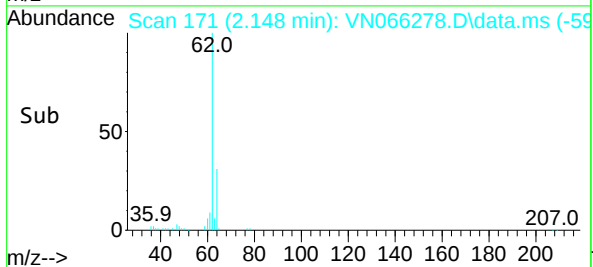
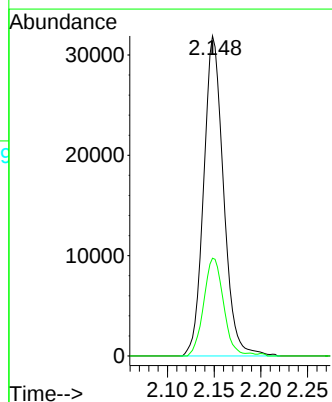
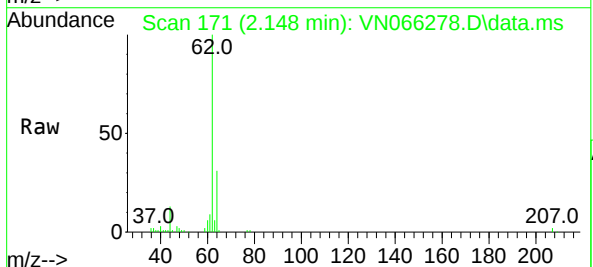
Manual Integrations
APPROVED

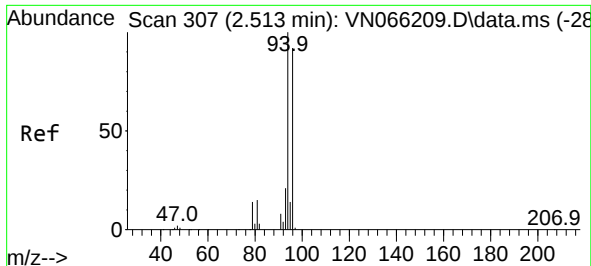
MMDadoda
3/22/2021 11:50:29 AM



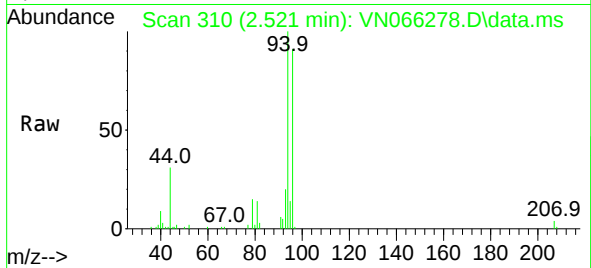
#4
Vinyl Chloride
Concen: 12.90 ug/l
RT: 2.148 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

Tgt Ion: 62 Resp: 47153
Ion Ratio Lower Upper
62 100
64 30.6 24.9 37.3

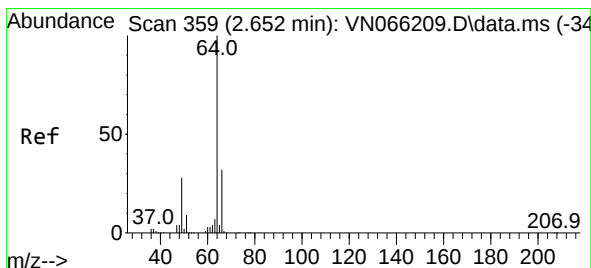
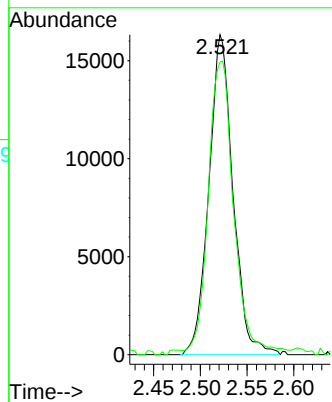
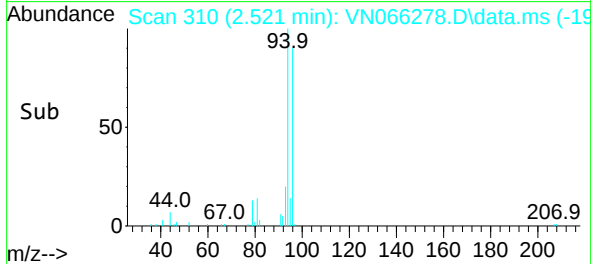




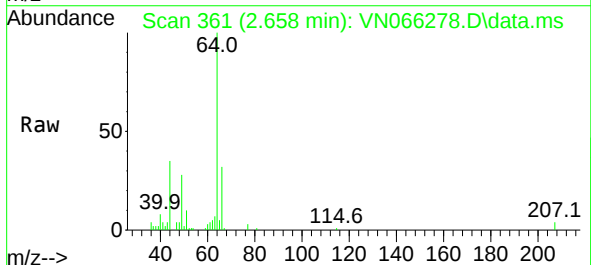
#5
Bromomethane
Concen: 14.06 ug/l
RT: 2.521 min Scan# 310
Delta R.T. 0.008 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20



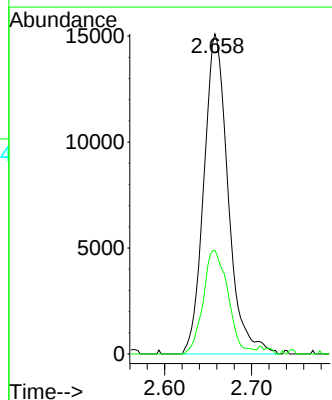
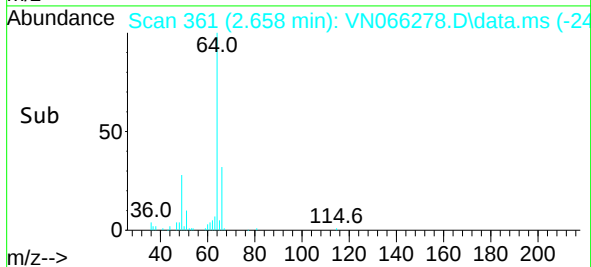
Tgt Ion: 94 Resp: 29406
Ion Ratio Lower Upper
94 100
96 90.1 77.3 115.9



#6
Chloroethane
Concen: 13.84 ug/l
RT: 2.658 min Scan# 361
Delta R.T. 0.006 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20



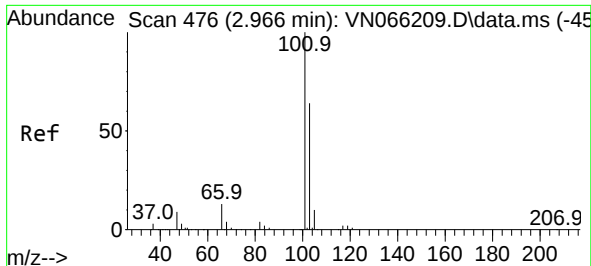
Tgt Ion: 64 Resp: 29254
Ion Ratio Lower Upper
64 100
66 32.3 24.8 37.2



Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

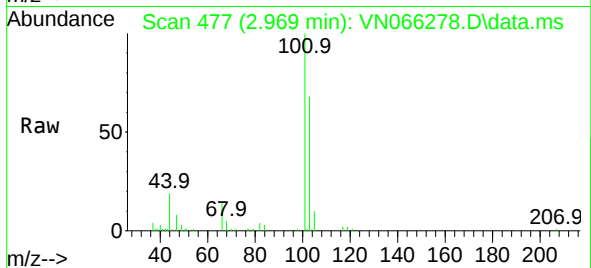
Manual Integrations
APPROVED

MMDadoda
3/22/2021 11:50:29 AM



#7
Trichlorofluoromethane
Concen: 14.58 ug/l
RT: 2.969 min Scan# 477
Delta R.T. 0.003 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

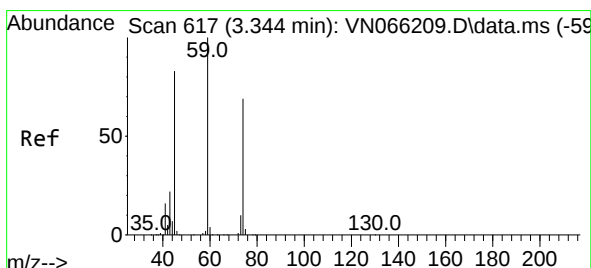
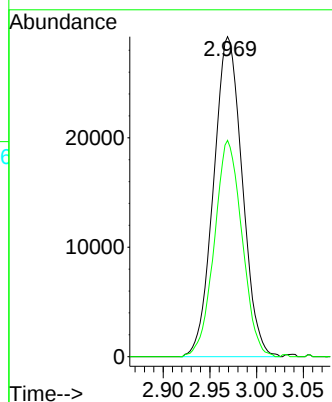
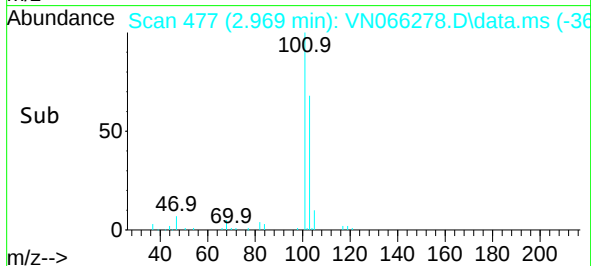
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



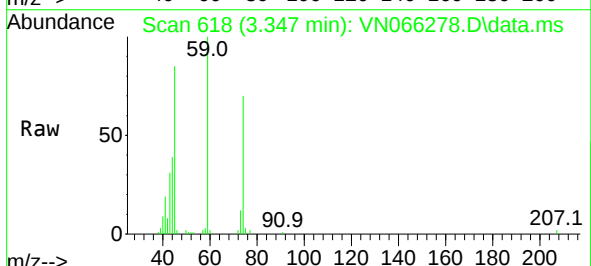
Tgt Ion:101 Resp: 62384
Ion Ratio Lower Upper
101 100
103 67.6 50.3 75.5

Manual Integrations
APPROVED

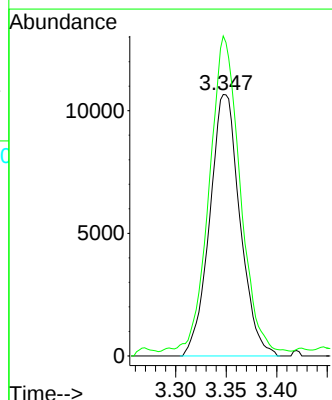
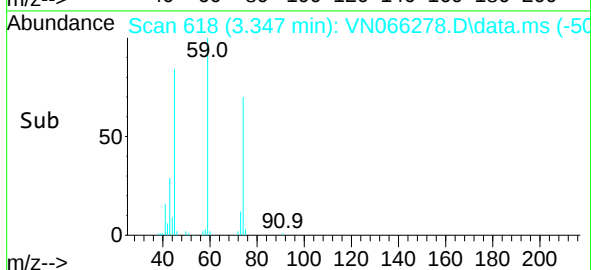
MMDadoda
3/22/2021 11:50:29 AM

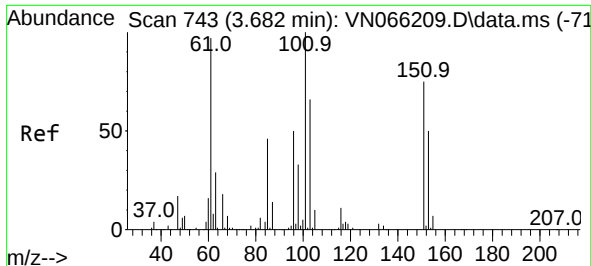


#8
Diethyl Ether
Concen: 12.72 ug/l
RT: 3.347 min Scan# 618
Delta R.T. 0.003 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20



Tgt Ion: 74 Resp: 22224
Ion Ratio Lower Upper
74 100
45 121.0 66.1 198.4





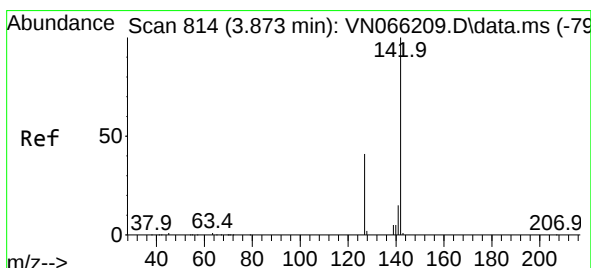
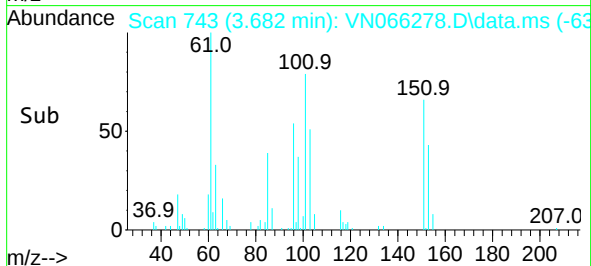
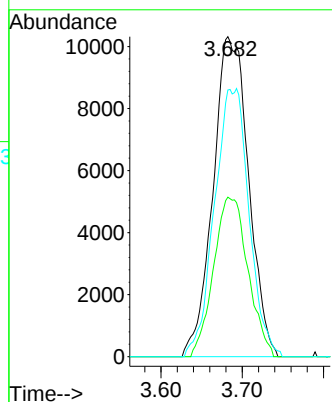
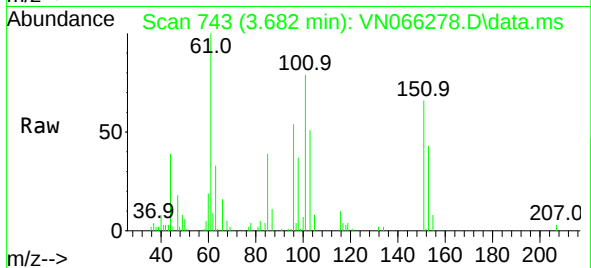
#9
1,1,2-Trichlorotrifluoroethane
Concen: 13.81 ug/l
RT: 3.682 min Scan# 743
Delta R.T. 0.000 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

Tgt Ion	Ratio	Lower	Upper
101	100		
85	48.1	36.6	54.8
151	43.7	61.0	91.6#

Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

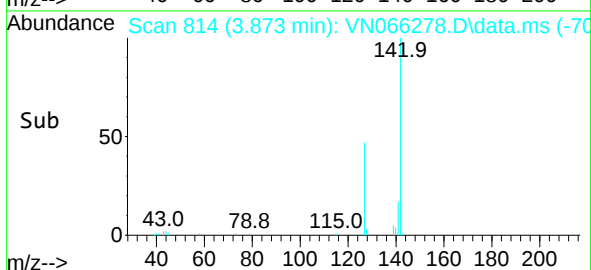
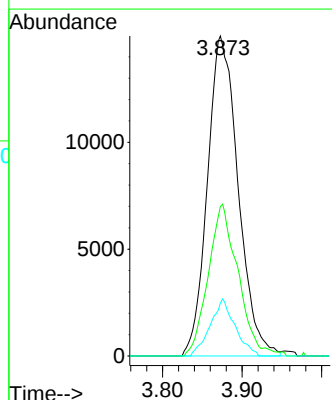
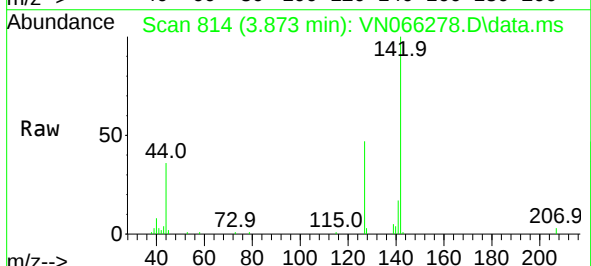
Manual Integrations
APPROVED

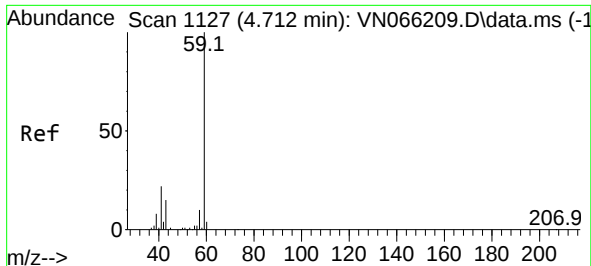
MMDadoda
3/22/2021 11:50:29 AM



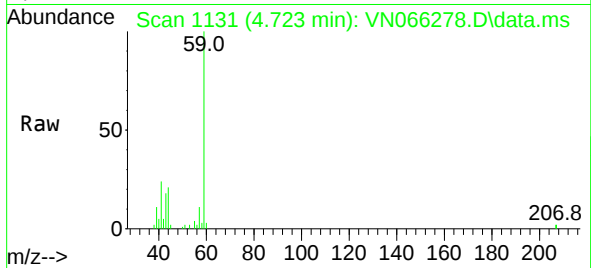
#10
Methyl Iodide
Concen: 12.53 ug/l
RT: 3.873 min Scan# 814
Delta R.T. -0.000 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

Tgt Ion	Ratio	Lower	Upper
142	100		
127	46.1	35.9	53.9
141	14.4	11.8	17.8

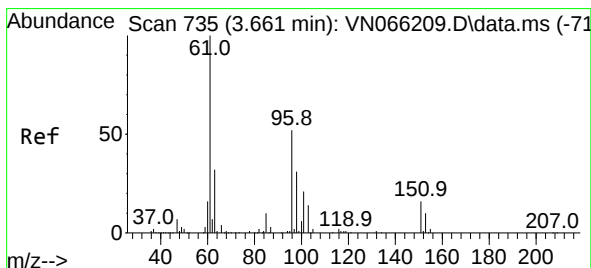
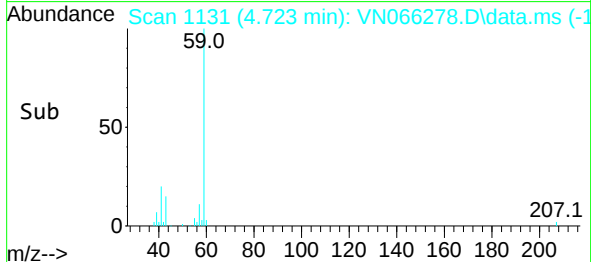
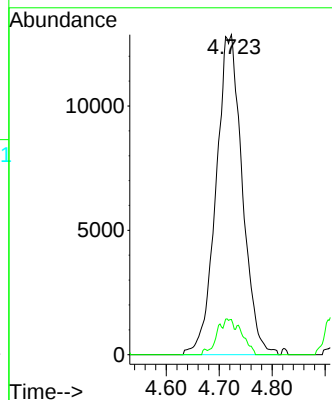




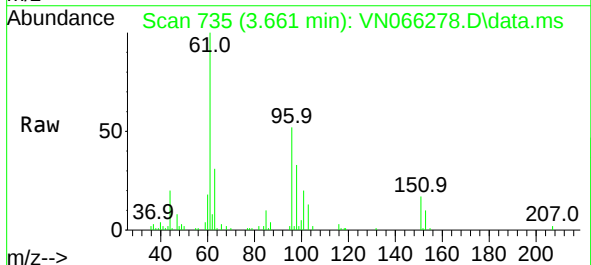
#11
Tert butyl alcohol
Concen: 70.03 ug/l m
RT: 4.723 min Scan# 1131
Delta R.T. 0.011 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20



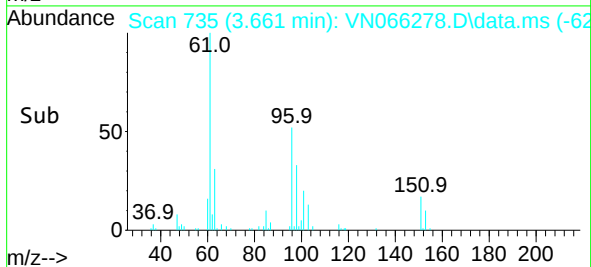
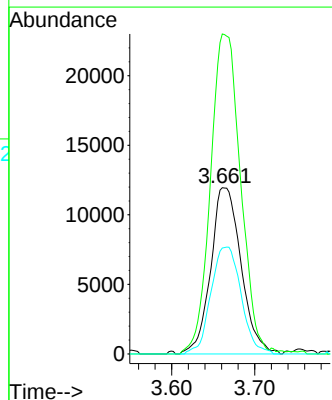
Tgt Ion: 59 Resp: 44323
Ion Ratio Lower Upper
59 100
57 1.5 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 12.58 ug/l
RT: 3.661 min Scan# 735
Delta R.T. -0.000 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20



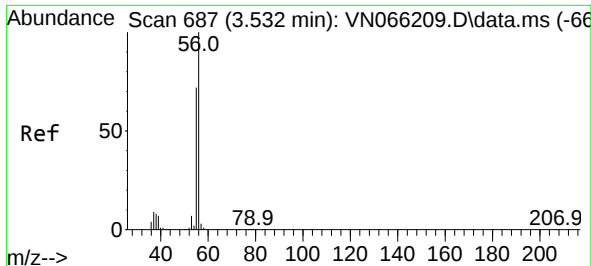
Tgt Ion: 96 Resp: 30389
Ion Ratio Lower Upper
96 100
61 192.4 155.4 233.2
98 63.7 50.8 76.2



Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

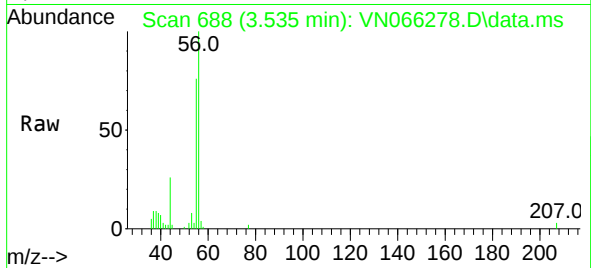
Manual Integrations
APPROVED

MMDadoda
3/22/2021 11:50:29 AM



#13
Acrolein
Concen: 76.29 ug/l
RT: 3.535 min Scan# 688
Delta R.T. 0.003 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

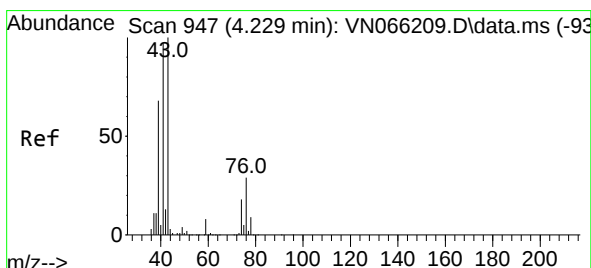
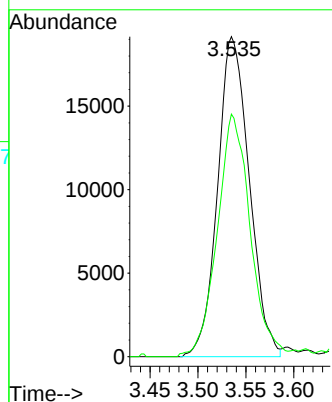
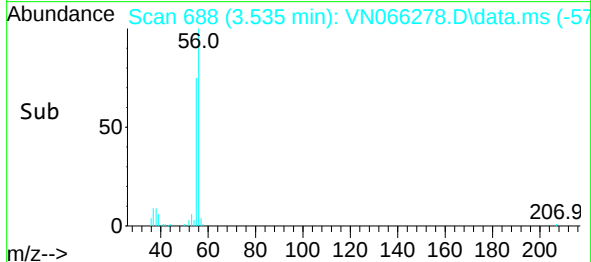
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



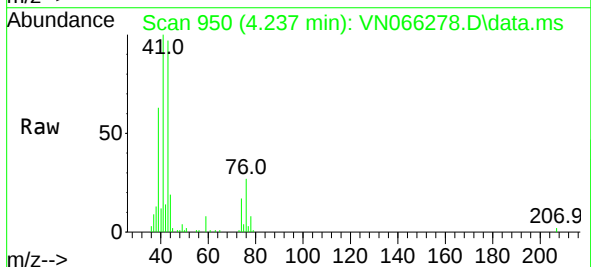
Tgt Ion: 56 Resp: 44043
Ion Ratio Lower Upper
56 100
55 78.4 58.0 87.0

Manual Integrations
APPROVED

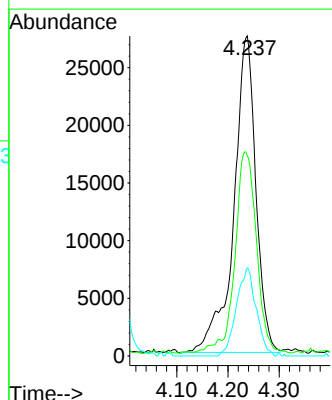
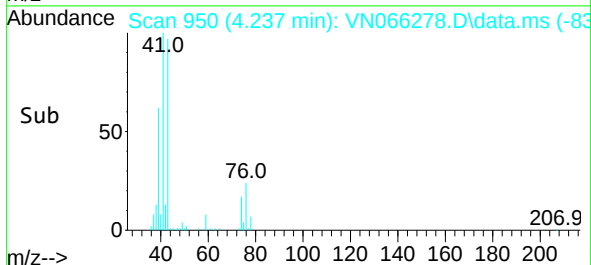
MMDadoda
3/22/2021 11:50:29 AM

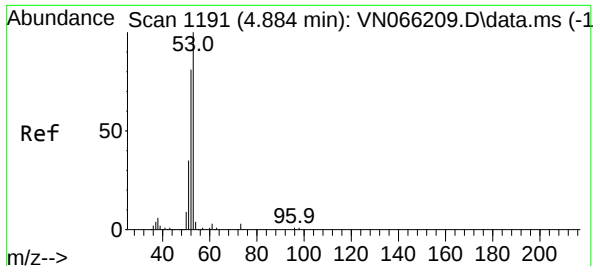


#14
Allyl chloride
Concen: 14.38 ug/l
RT: 4.237 min Scan# 950
Delta R.T. 0.008 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

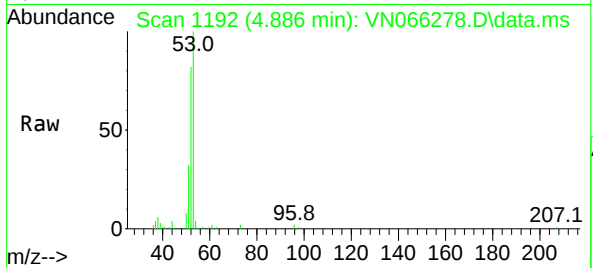


Tgt Ion: 41 Resp: 82344
Ion Ratio Lower Upper
41 100
39 59.4 46.4 69.6
76 24.8 18.8 28.2

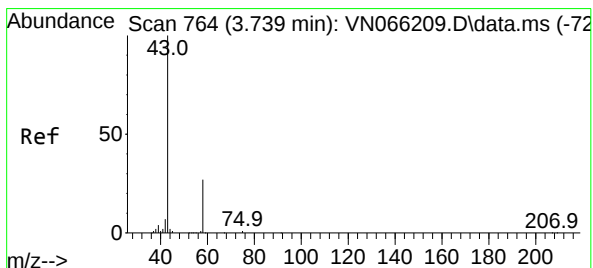
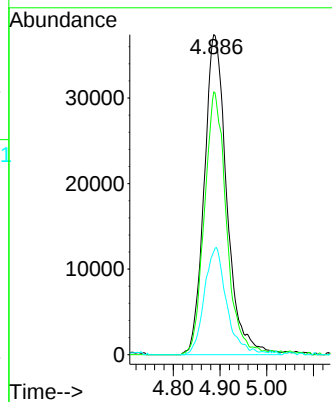
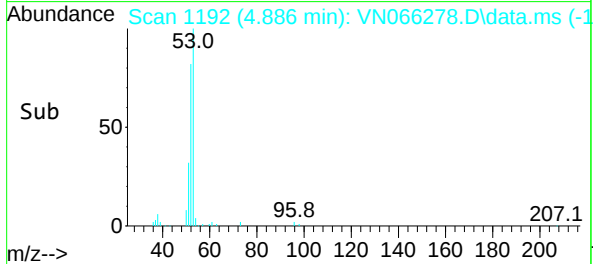




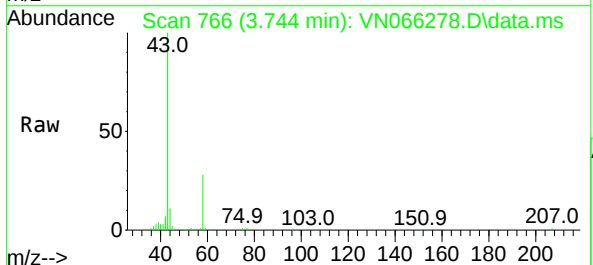
#15
Acrylonitrile
Concen: 66.26 ug/l
RT: 4.886 min Scan# 1192
Delta R.T. 0.002 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20



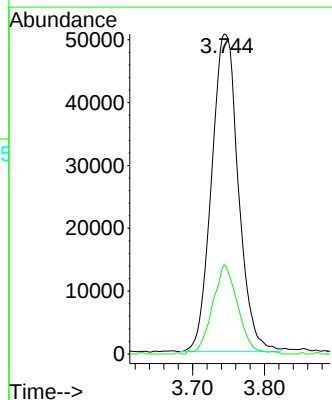
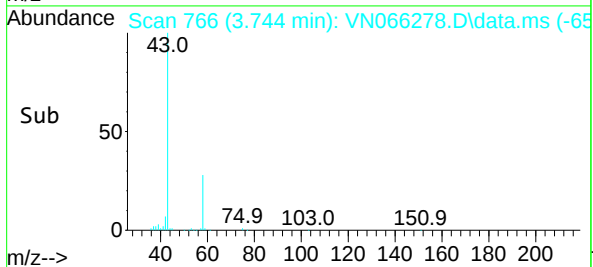
Tgt Ion: 53 Resp: 125603
Ion Ratio Lower Upper
53 100
52 79.7 66.2 99.2
51 32.6 28.5 42.7



#16
Acetone
Concen: 73.51 ug/l
RT: 3.744 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20



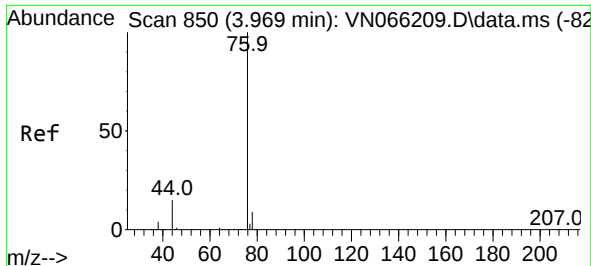
Tgt Ion: 43 Resp: 130938
Ion Ratio Lower Upper
43 100
58 27.8 22.3 33.5



Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

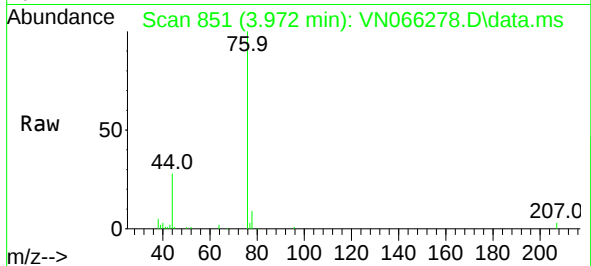
Manual Integrations
APPROVED

MMDadoda
3/22/2021 11:50:29 AM



#17
Carbon Disulfide
Concen: 12.22 ug/l
RT: 3.972 min Scan# 851
Delta R.T. 0.003 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

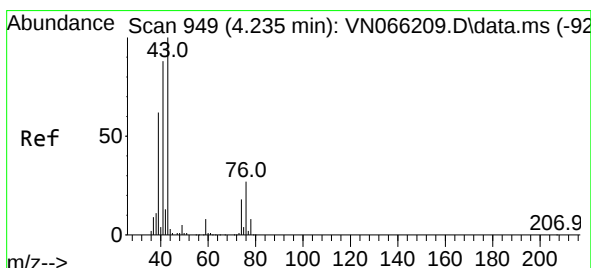
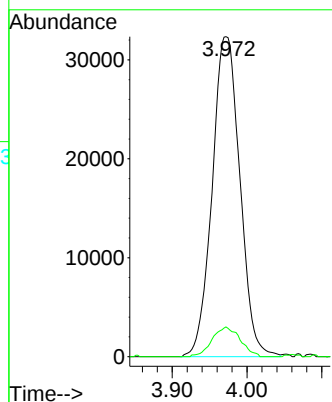
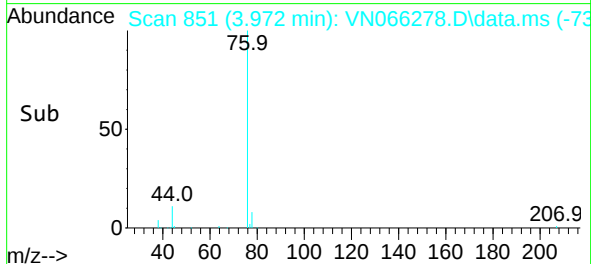
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



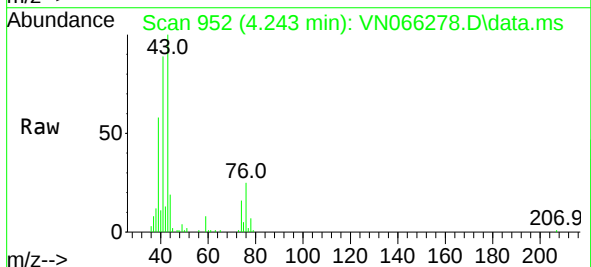
Tgt Ion: 76 Resp: 83399
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9

Manual Integrations
APPROVED

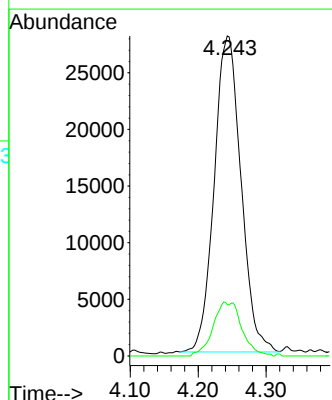
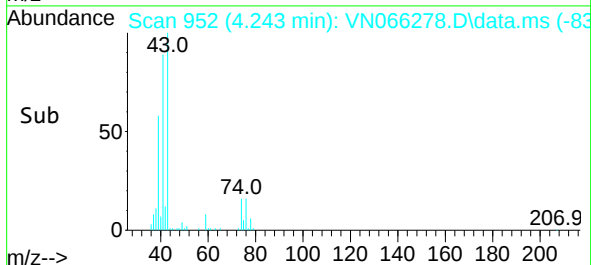
MMDadoda
3/22/2021 11:50:29 AM

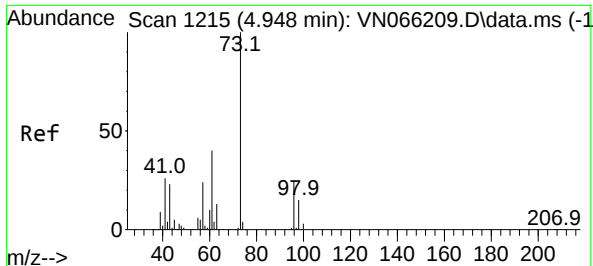


#18
Methyl Acetate
Concen: 15.36 ug/l
RT: 4.243 min Scan# 952
Delta R.T. 0.008 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20



Tgt Ion: 43 Resp: 76570
Ion Ratio Lower Upper
43 100
74 10.4 14.2 21.2#





#19

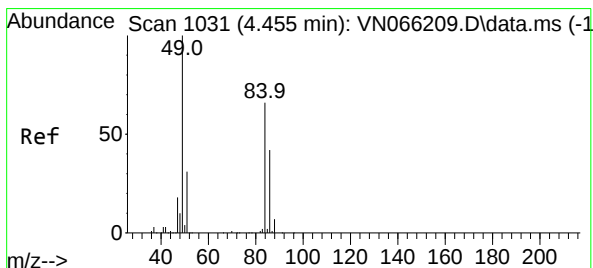
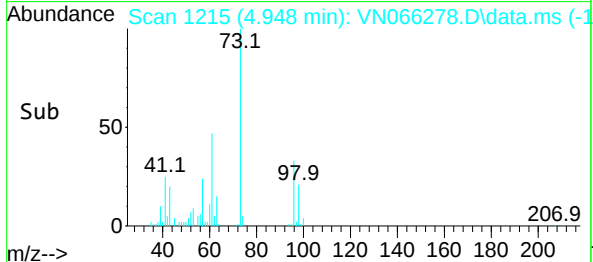
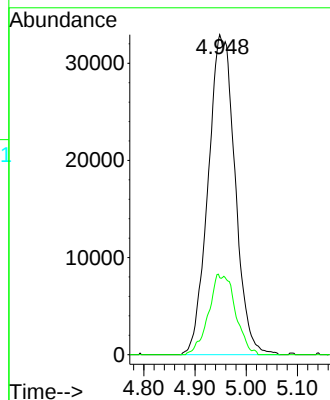
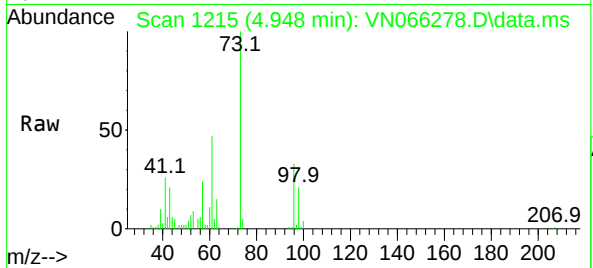
Methyl tert-butyl Ether
Concen: 13.00 ug/l
RT: 4.948 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

Tgt Ion: 73 Resp: 120106
Ion Ratio Lower Upper
73 100
57 24.1 20.3 30.5

Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

Manual Integrations
APPROVED

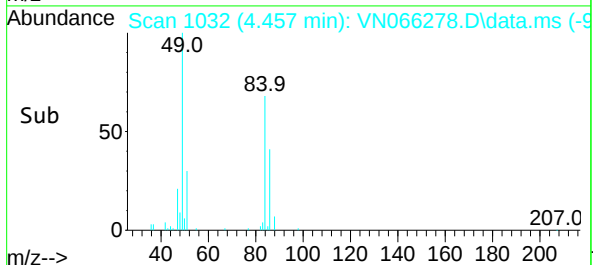
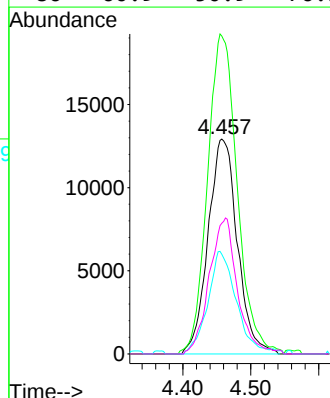
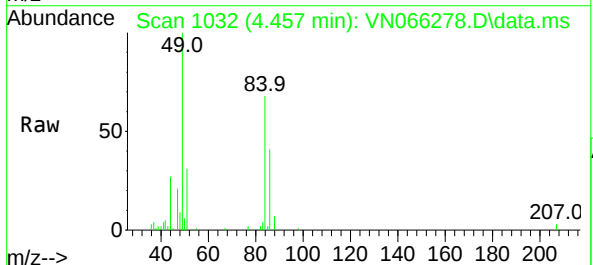
MMDadoda
3/22/2021 11:50:29 AM

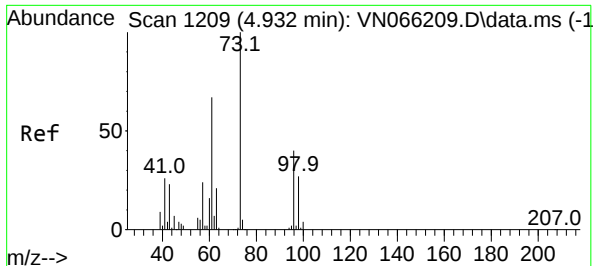


#20

Methylene Chloride
Concen: 13.86 ug/l
RT: 4.457 min Scan# 1032
Delta R.T. 0.002 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

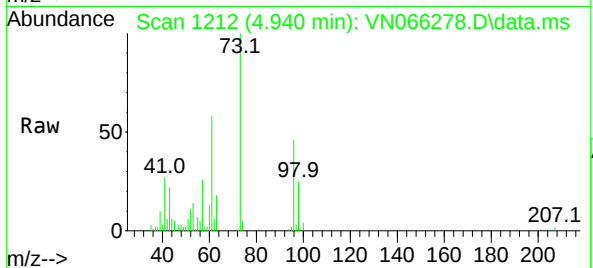
Tgt Ion: 84 Resp: 38633
Ion Ratio Lower Upper
84 100
49 146.7 130.0 195.0
51 46.4 39.1 58.7
86 60.9 50.9 76.3





#21
trans-1,2-Dichloroethene
Concen: 15.09 ug/l
RT: 4.940 min Scan# 1212
Delta R.T. 0.008 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

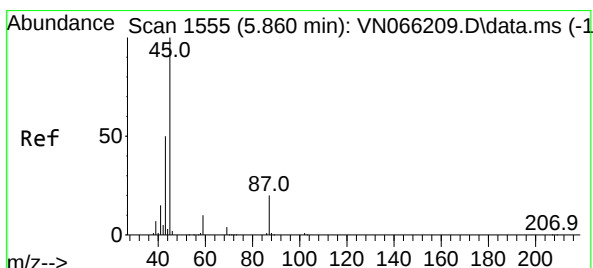
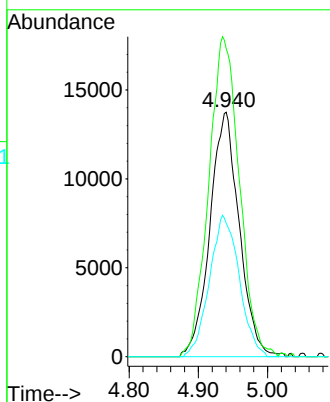
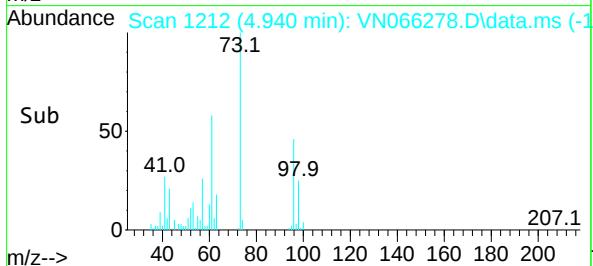
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



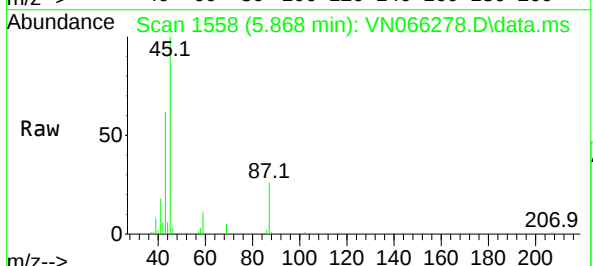
Tgt Ion: 96 Resp: 40398
Ion Ratio Lower Upper
96 100
61 126.0 133.2 199.8#
98 54.6 52.0 78.0

Manual Integrations
APPROVED

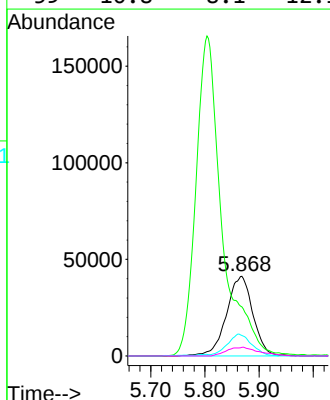
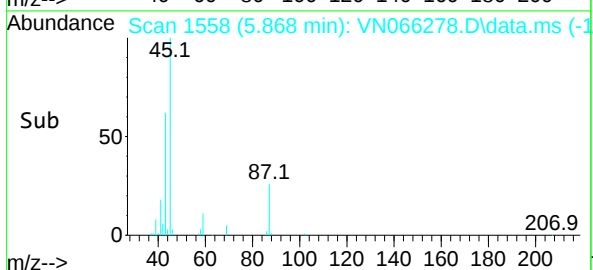
MMDadoda
3/22/2021 11:50:29 AM

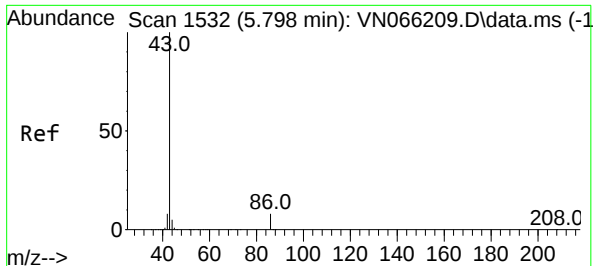


#22
Diisopropyl ether
Concen: 11.84 ug/l
RT: 5.868 min Scan# 1558
Delta R.T. 0.008 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20



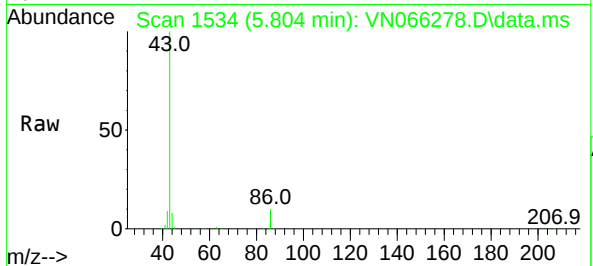
Tgt Ion: 45 Resp: 139290
Ion Ratio Lower Upper
45 100
43 57.6 45.0 67.4
87 25.6 16.4 24.6#
59 10.8 8.1 12.1





#23
 Vinyl Acetate
 Concen: 54.68 ug/l
 RT: 5.804 min Scan# 1534
 Delta R.T. 0.006 min
 Lab File: VN066278.D
 Acq: 19 Mar 2021 14:20

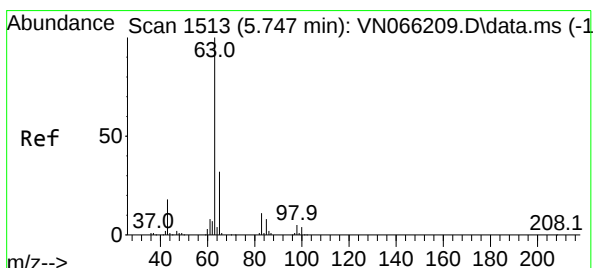
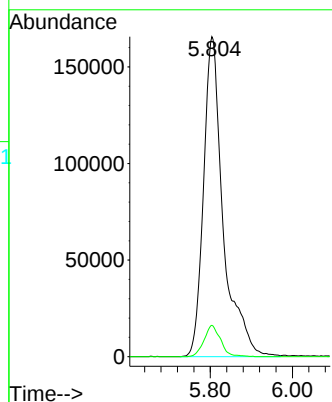
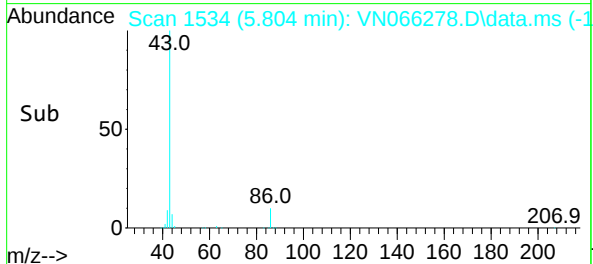
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0319WBSD01



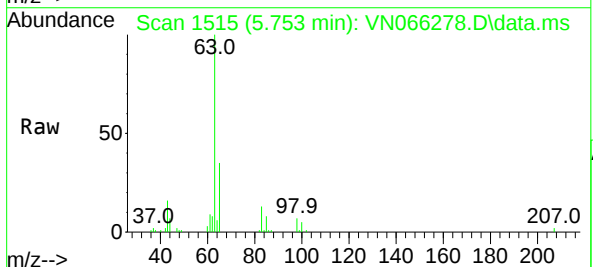
Tgt Ion: 43 Resp: 551385
 Ion Ratio Lower Upper
 43 100
 86 9.8 5.8 8.6#

Manual Integrations
 APPROVED

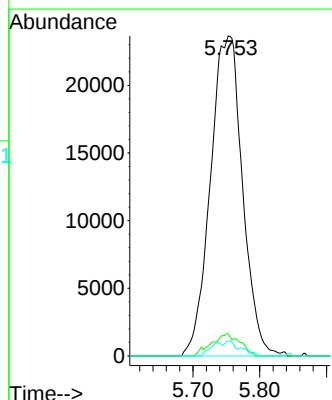
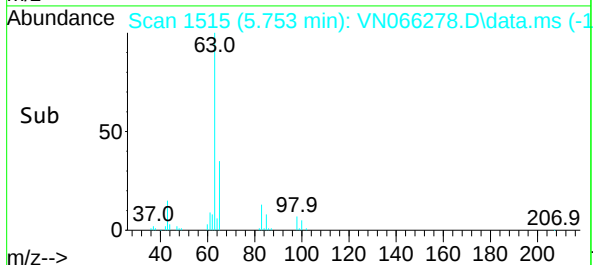
MMDadoda
 3/22/2021 11:50:29 AM

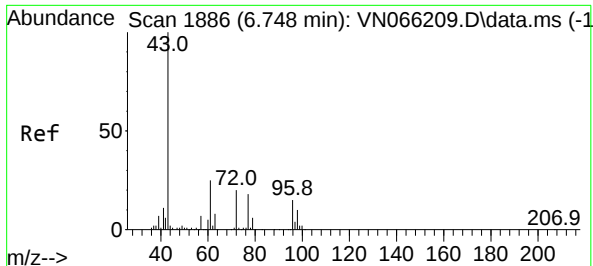


#24
 1,1-Dichloroethane
 Concen: 13.48 ug/l
 RT: 5.753 min Scan# 1515
 Delta R.T. 0.006 min
 Lab File: VN066278.D
 Acq: 19 Mar 2021 14:20



Tgt Ion: 63 Resp: 79012
 Ion Ratio Lower Upper
 63 100
 98 7.0 2.9 8.6
 100 4.7 1.7 5.0





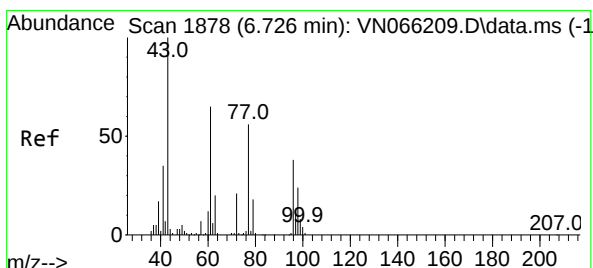
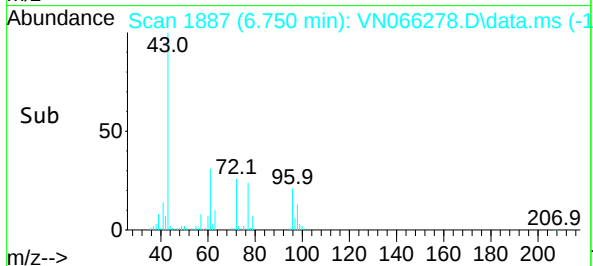
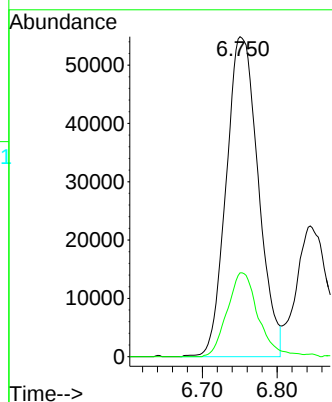
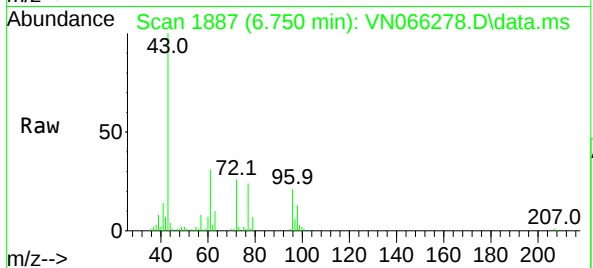
#25
2-Butanone
Concen: 59.02 ug/l
RT: 6.750 min Scan# 1887
Delta R.T. 0.002 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

Tgt Ion: 43 Resp: 163290
Ion Ratio Lower Upper
43 100
72 26.2 16.2 24.2#

Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

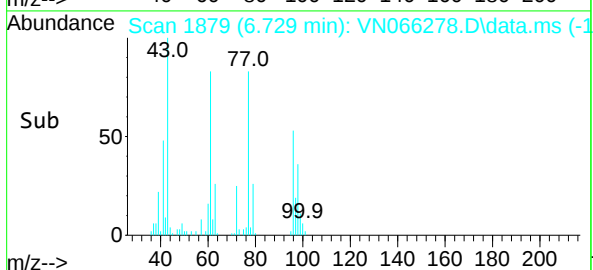
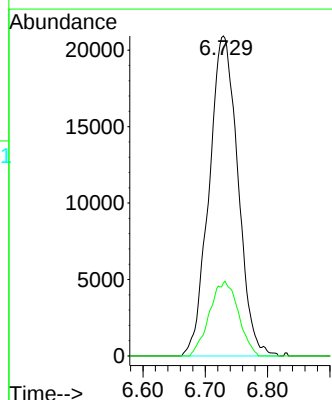
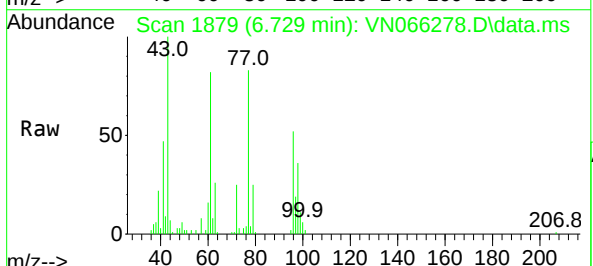
Manual Integrations
APPROVED

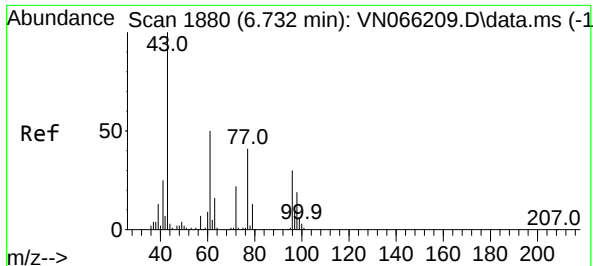
MMDadoda
3/22/2021 11:50:29 AM



#26
2,2-Dichloropropane
Concen: 13.88 ug/l
RT: 6.729 min Scan# 1879
Delta R.T. 0.003 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

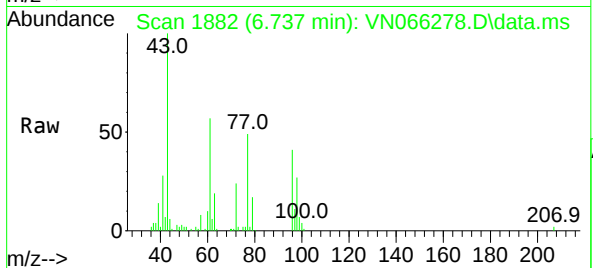
Tgt Ion: 77 Resp: 67264
Ion Ratio Lower Upper
77 100
97 23.3 10.9 32.7





#27
cis-1,2-Dichloroethene
Concen: 13.97 ug/l
RT: 6.737 min Scan# 1882
Delta R.T. 0.005 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

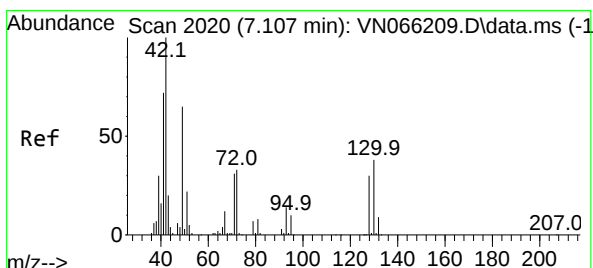
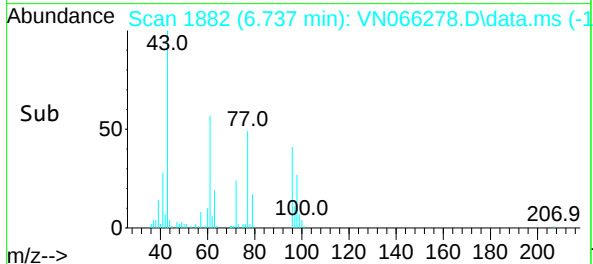
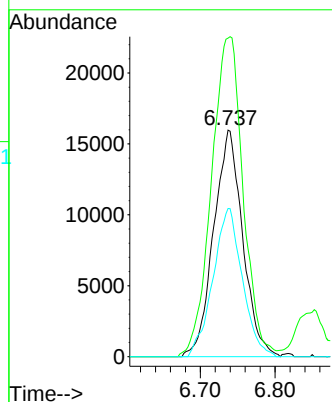
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



Tgt Ion: 96 Resp: 43125
Ion Ratio Lower Upper
96 100
61 153.7 0.0 350.8
98 65.8 0.0 125.0

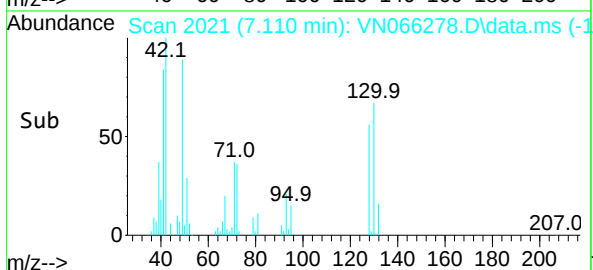
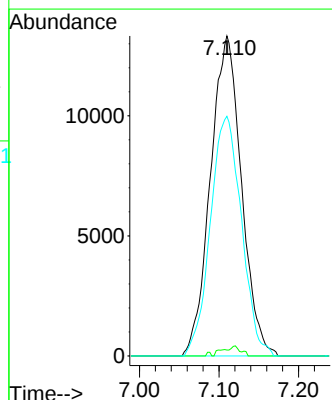
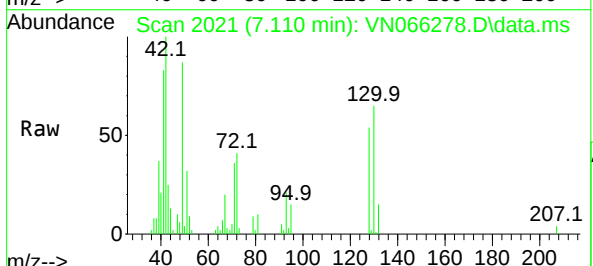
Manual Integrations
APPROVED

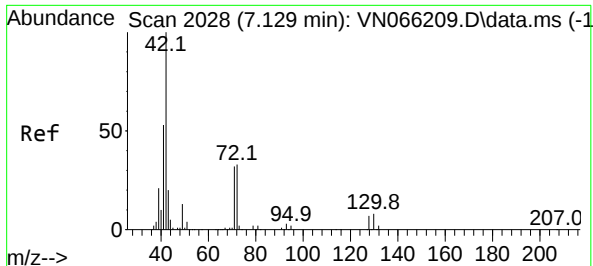
MMDadoda
3/22/2021 11:50:29 AM



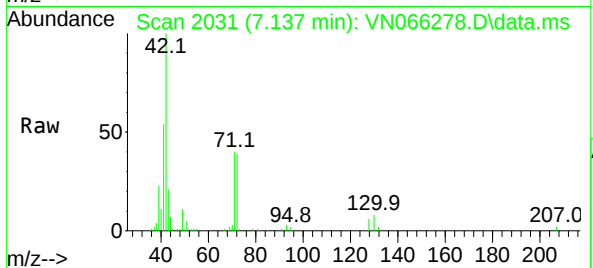
#28
Bromochloromethane
Concen: 11.66 ug/l
RT: 7.110 min Scan# 2021
Delta R.T. 0.003 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

Tgt Ion: 49 Resp: 36126
Ion Ratio Lower Upper
49 100
129 1.7 0.0 2.4
130 75.2 43.6 65.4#

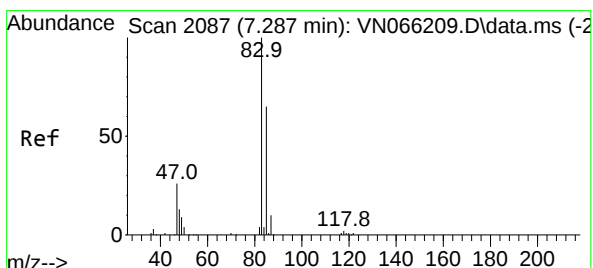
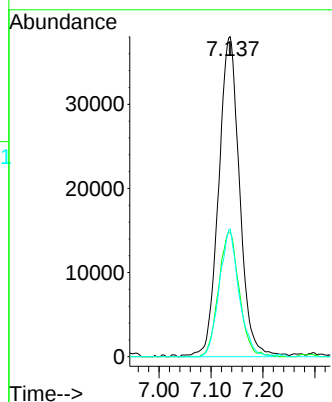
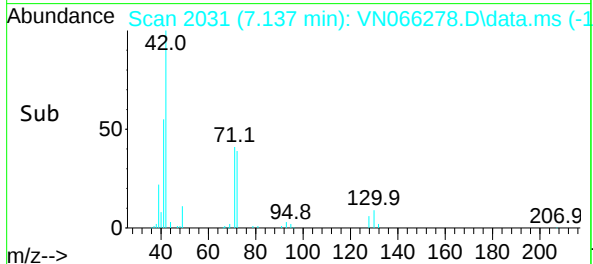




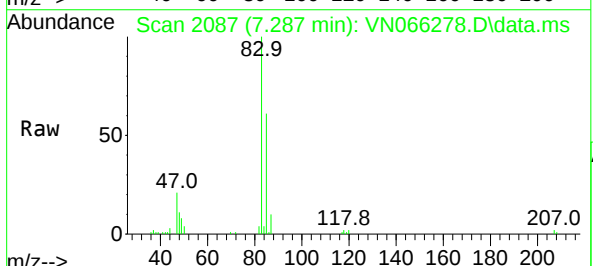
#29
Tetrahydrofuran
Concen: 56.01 ug/l
RT: 7.137 min Scan# 2031
Delta R.T. 0.008 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20



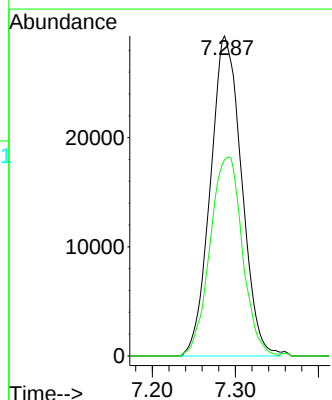
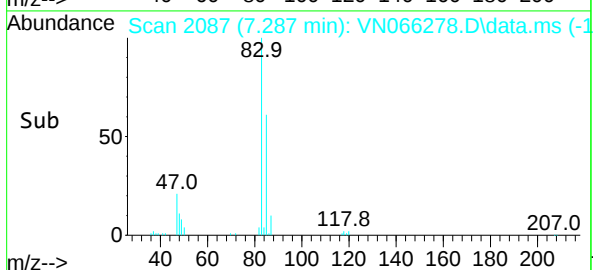
Tgt Ion: 42 Resp: 106721
Ion Ratio Lower Upper
42 100
72 38.0 26.2 39.4
71 37.4 25.4 38.2



#30
Chloroform
Concen: 14.26 ug/l
RT: 7.287 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20



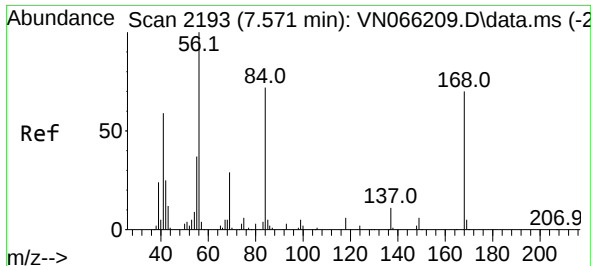
Tgt Ion: 83 Resp: 76308
Ion Ratio Lower Upper
83 100
85 61.3 49.9 74.9



Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

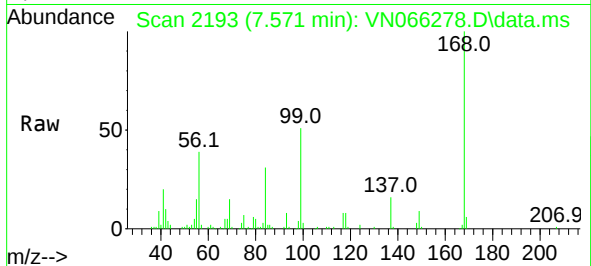
Manual Integrations
APPROVED

MMDadoda
3/22/2021 11:50:29 AM



#31
Cyclohexane
Concen: 11.30 ug/l
RT: 7.571 min Scan# 2193
Delta R.T. 0.000 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

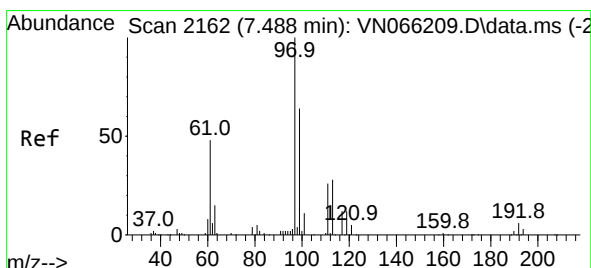
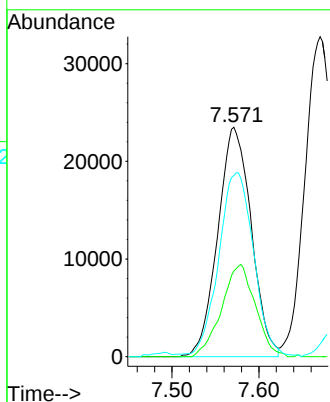
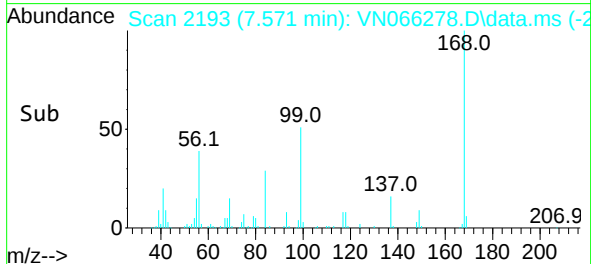
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



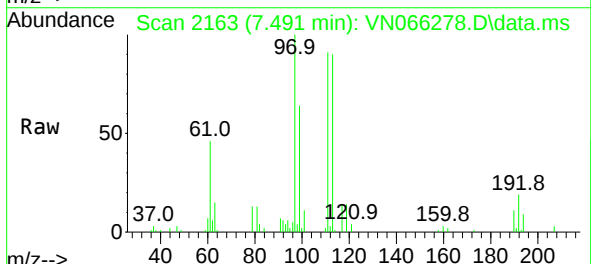
Tgt Ion: 56 Resp: 62789
Ion Ratio Lower Upper
56 100
69 37.4 23.4 35.0#
84 77.9 57.8 86.6

Manual Integrations
APPROVED

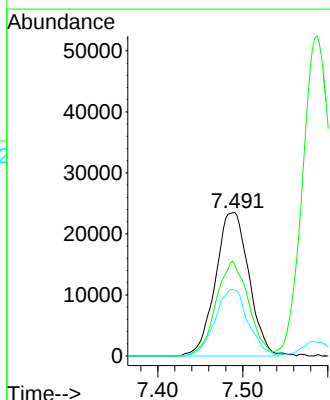
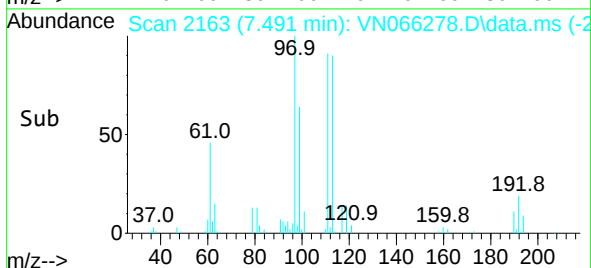
MMDadoda
3/22/2021 11:50:29 AM

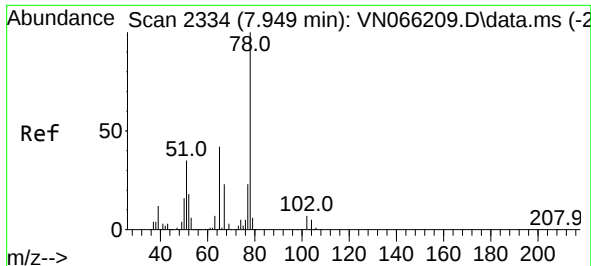


#32
1,1,1-Trichloroethane
Concen: 13.96 ug/l
RT: 7.491 min Scan# 2163
Delta R.T. 0.003 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20



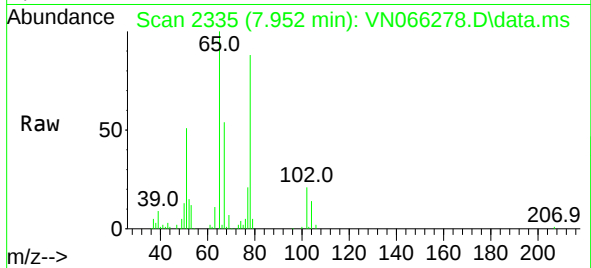
Tgt Ion: 97 Resp: 64203
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 45.8 38.6 57.8





#33
1,2-Dichloroethane-d4
Concen: 35.96 ug/l
RT: 7.952 min Scan# 2335
Delta R.T. 0.003 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

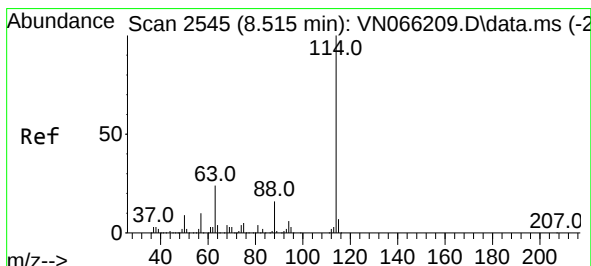
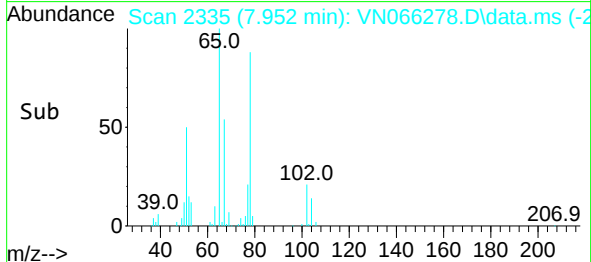
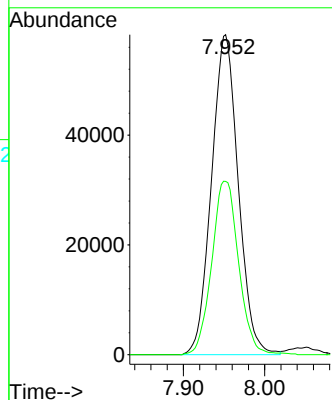
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



Tgt Ion: 65 Resp: 133357
Ion Ratio Lower Upper
65 100
67 54.6 0.0 107.2

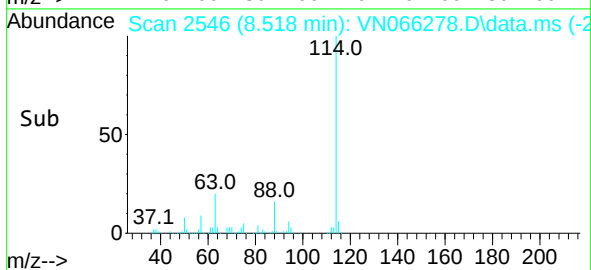
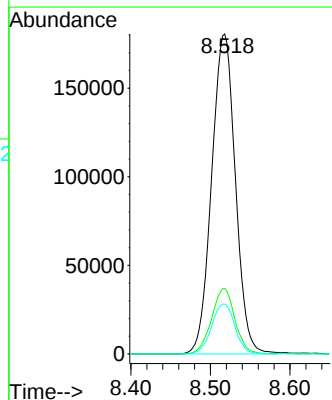
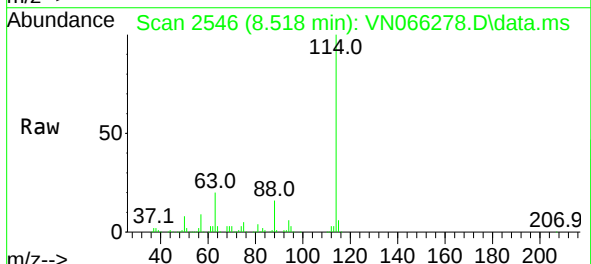
Manual Integrations
APPROVED

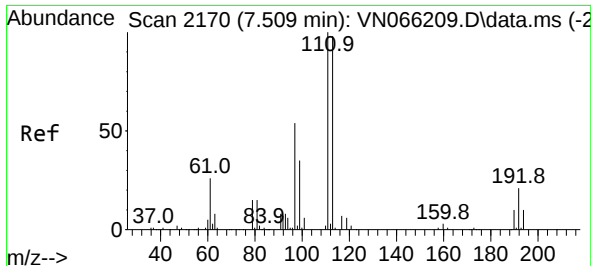
MMDadoda
3/22/2021 11:50:29 AM



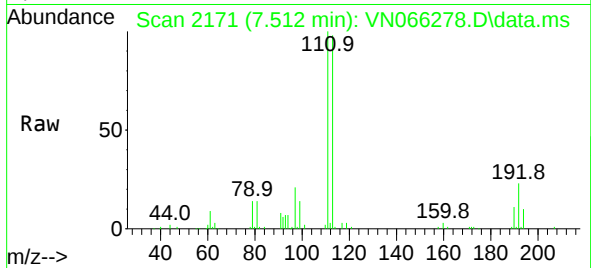
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.518 min Scan# 2546
Delta R.T. 0.003 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

Tgt Ion: 114 Resp: 374477
Ion Ratio Lower Upper
114 100
63 20.5 0.0 49.2
88 15.6 0.0 33.8

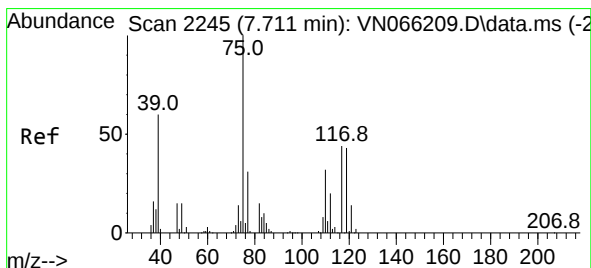
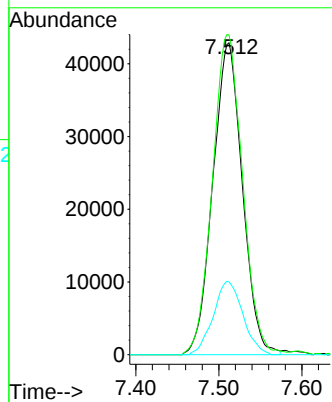
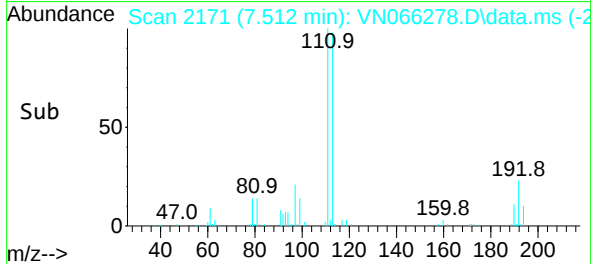




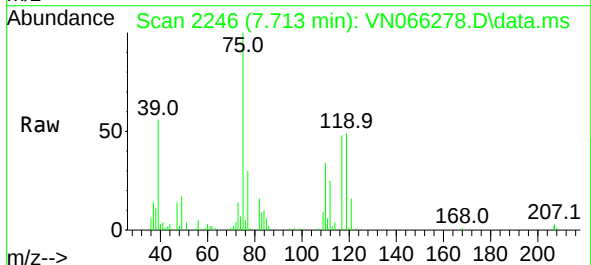
#35
Dibromofluoromethane
Concen: 44.25 ug/l
RT: 7.512 min Scan# 2171
Delta R.T. 0.003 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20



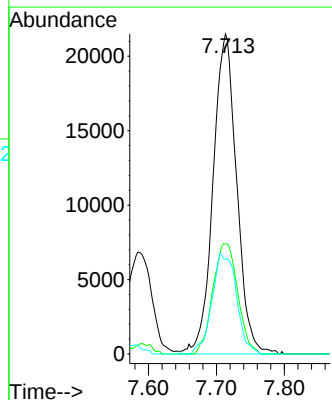
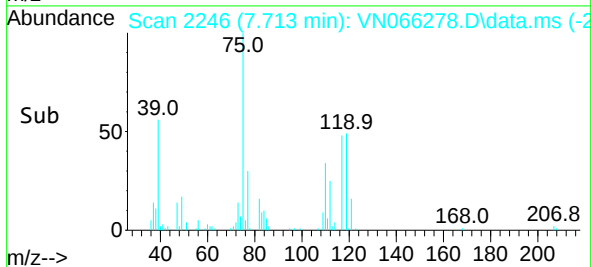
Tgt Ion: 113 Resp: 105701
Ion Ratio Lower Upper
113 100
111 105.0 84.0 126.0
192 23.6 16.7 25.1



#36
1,1-Dichloropropene
Concen: 13.69 ug/l
RT: 7.713 min Scan# 2246
Delta R.T. 0.002 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20



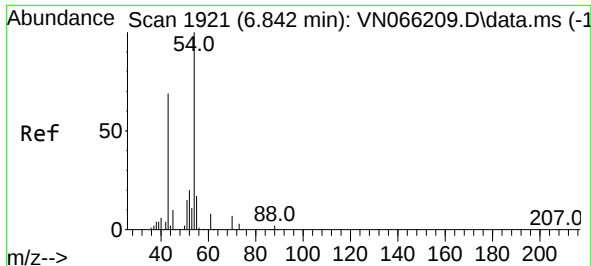
Tgt Ion: 75 Resp: 51901
Ion Ratio Lower Upper
75 100
110 36.4 16.0 48.0
77 32.6 24.9 37.3



Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

Manual Integrations
APPROVED

MMDadoda
3/22/2021 11:50:29 AM



#37

Ethyl Acetate

Concen: 11.95 ug/l

RT: 6.844 min Scan# 1922

Delta R.T. 0.002 min

Lab File: VN066278.D

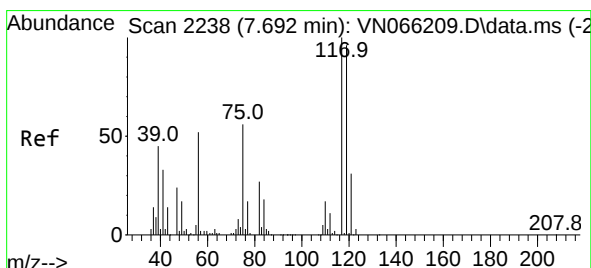
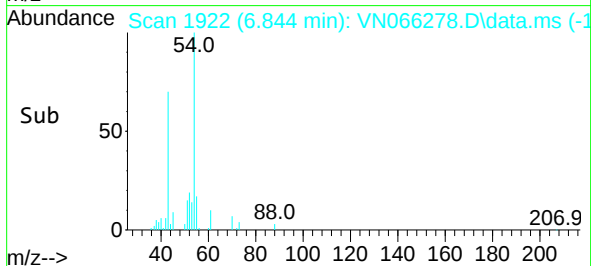
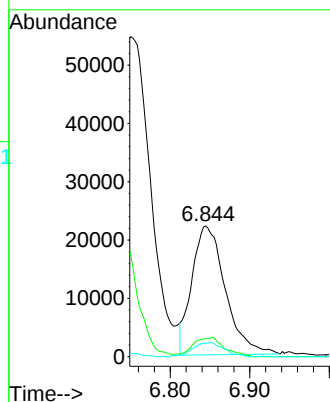
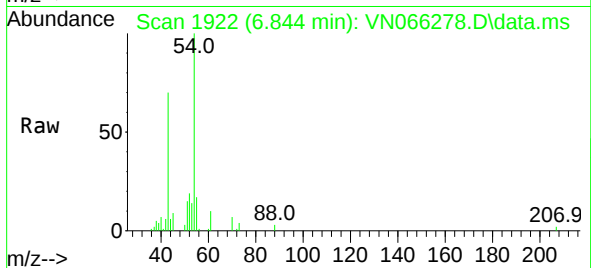
Acq: 19 Mar 2021 14:20

Tgt Ion:	43	Resp:	64785
Ion	Ratio	Lower	Upper
43	100		
61	13.8	9.2	13.8#
70	10.1	6.1	9.1#

Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

Manual Integrations
APPROVED

MMDadoda
3/22/2021 11:50:29 AM



#38

Carbon Tetrachloride

Concen: 16.01 ug/l

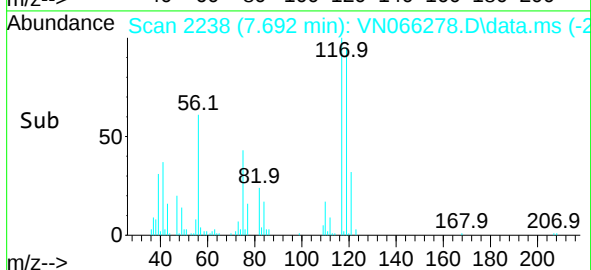
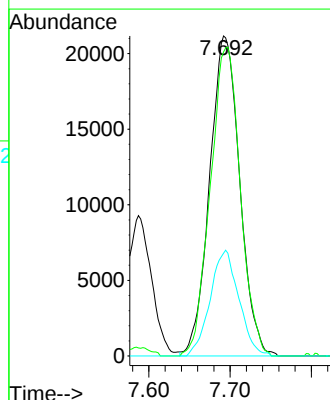
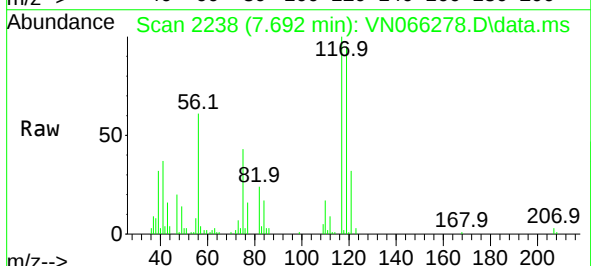
RT: 7.692 min Scan# 2238

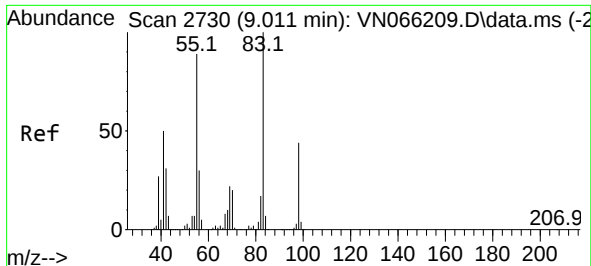
Delta R.T. -0.000 min

Lab File: VN066278.D

Acq: 19 Mar 2021 14:20

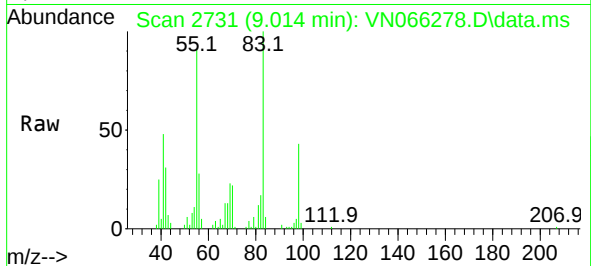
Tgt Ion:	117	Resp:	54430
Ion	Ratio	Lower	Upper
117	100		
119	95.0	74.6	111.8
121	32.1	23.9	35.9





#39
Methylcyclohexane
Concen: 12.99 ug/l
RT: 9.014 min Scan# 2731
Delta R.T. 0.003 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

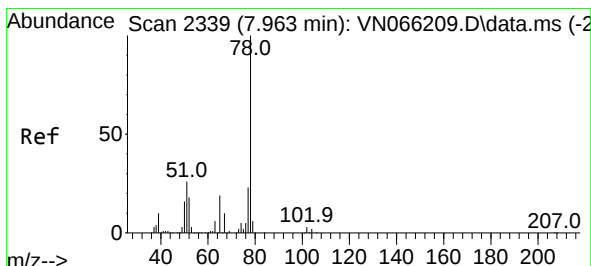
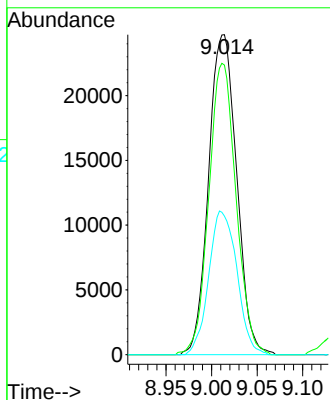
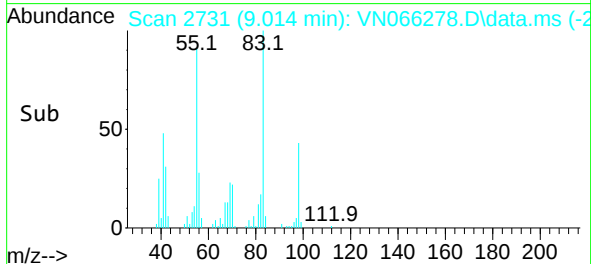
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



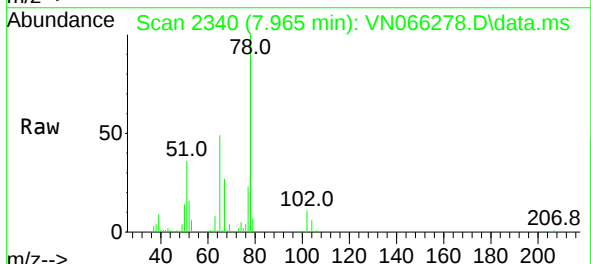
Tgt Ion: 83 Resp: 52915
Ion Ratio Lower Upper
83 100
55 90.5 72.8 109.2
98 43.3 33.7 50.5

Manual Integrations
APPROVED

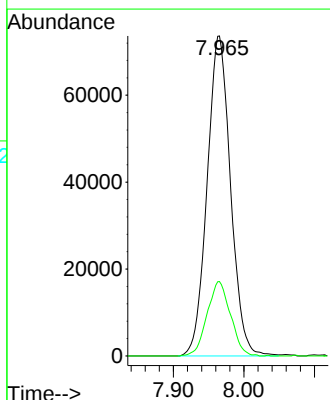
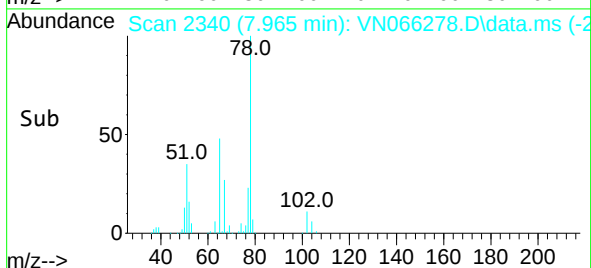
MMDadoda
3/22/2021 11:50:29 AM

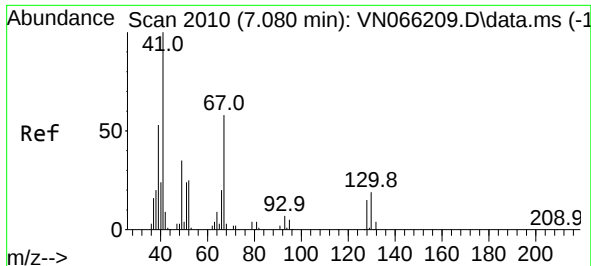


#40
Benzene
Concen: 14.93 ug/l
RT: 7.965 min Scan# 2340
Delta R.T. 0.002 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

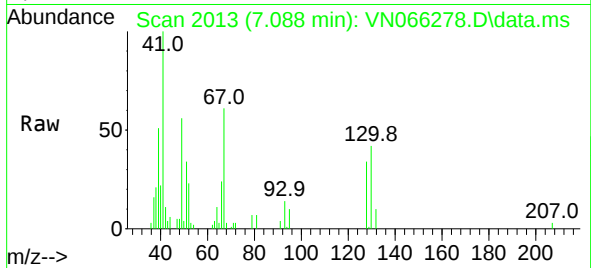


Tgt Ion: 78 Resp: 169941
Ion Ratio Lower Upper
78 100
77 23.2 18.5 27.7

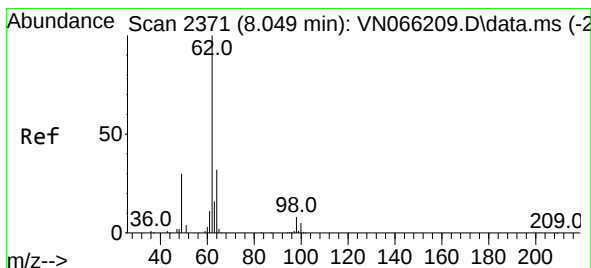
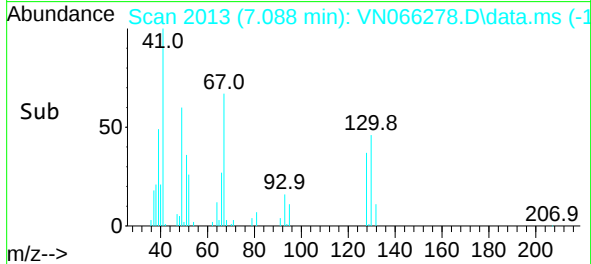
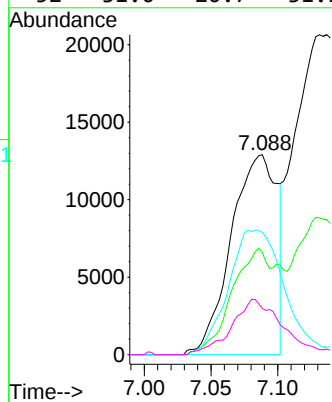




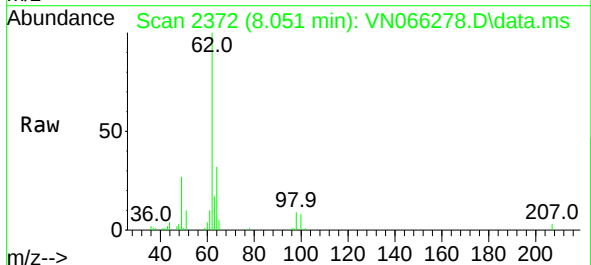
#41
Methacrylonitrile
Concen: 11.49 ug/l
RT: 7.088 min Scan# 2013
Delta R.T. 0.008 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20



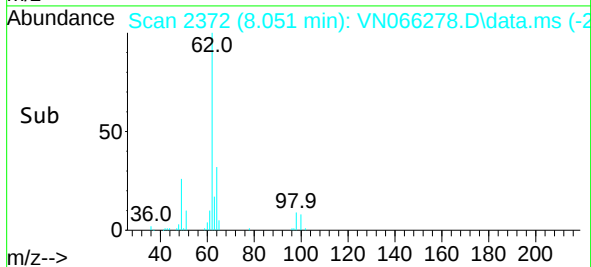
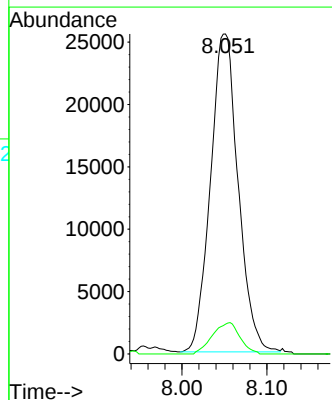
Tgt Ion: 41 Resp: 30718
Ion Ratio Lower Upper
41 100
39 44.9 45.0 67.4#
67 77.1 48.2 72.4#
52 31.0 20.7 31.1



#42
1,2-Dichloroethane
Concen: 13.99 ug/l
RT: 8.051 min Scan# 2372
Delta R.T. 0.002 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20



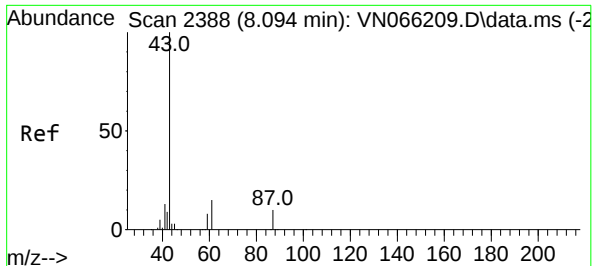
Tgt Ion: 62 Resp: 57800
Ion Ratio Lower Upper
62 100
98 9.8 0.0 14.8



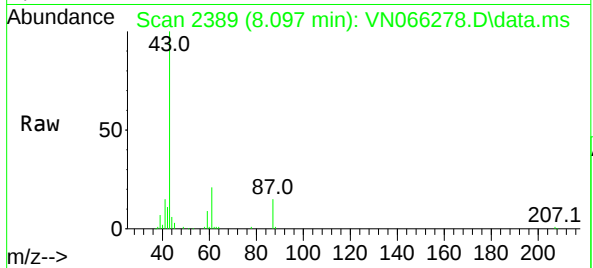
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

Manual Integrations
APPROVED

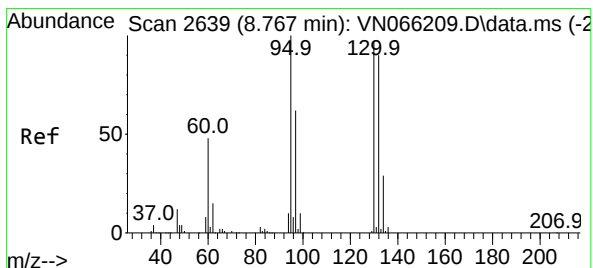
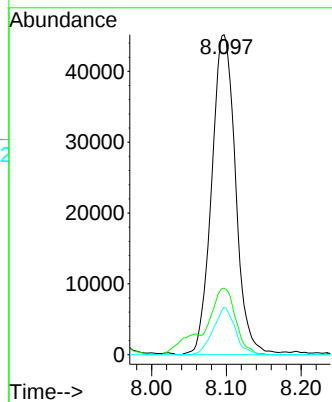
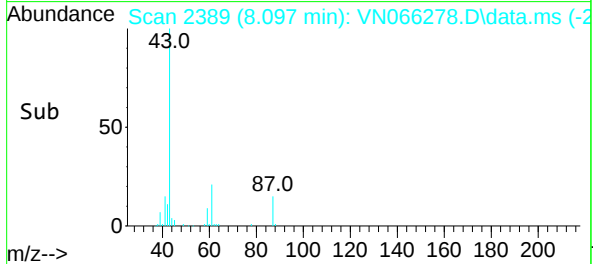
MMDadoda
3/22/2021 11:50:29 AM



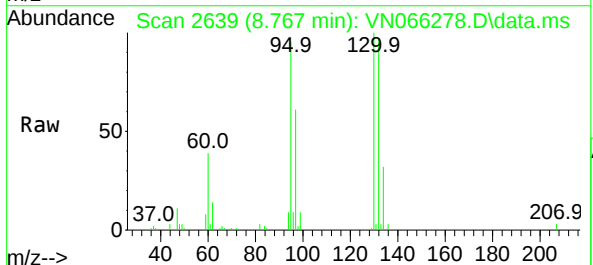
#43
Isopropyl Acetate
Concen: 11.95 ug/l
RT: 8.097 min Scan# 2389
Delta R.T. 0.003 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20



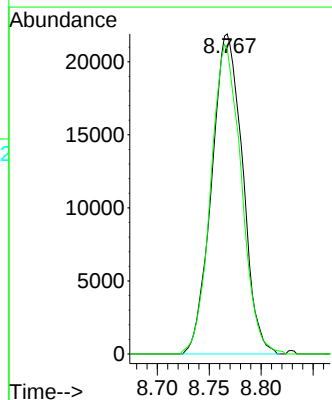
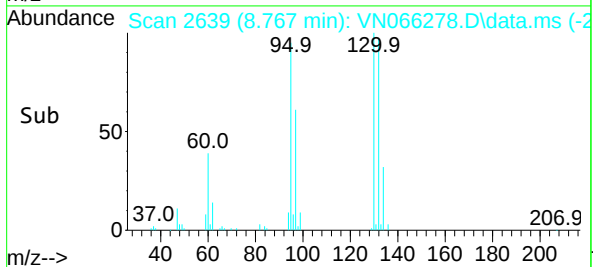
Tgt Ion: 43 Resp: 100181
Ion Ratio Lower Upper
43 100
61 21.2 14.0 21.0#
87 13.6 7.9 11.9#



#44
Trichloroethene
Concen: 16.37 ug/l
RT: 8.767 min Scan# 2639
Delta R.T. 0.000 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20



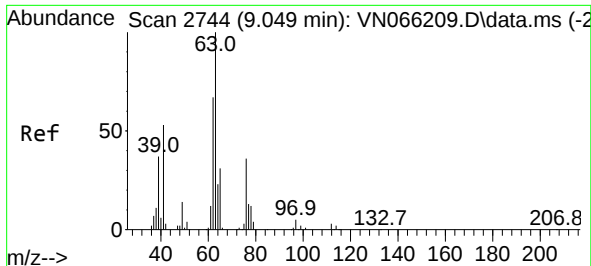
Tgt Ion: 130 Resp: 45297
Ion Ratio Lower Upper
130 100
95 95.3 0.0 210.2



Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

Manual Integrations
APPROVED

MMDadoda
3/22/2021 11:50:29 AM



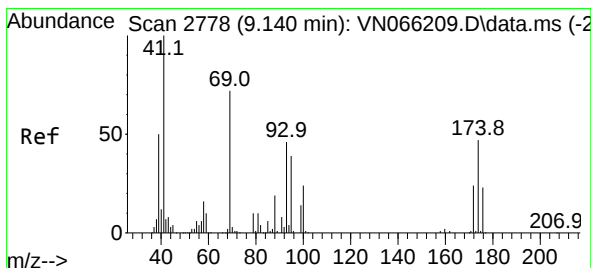
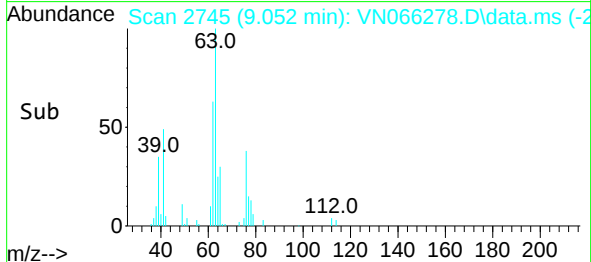
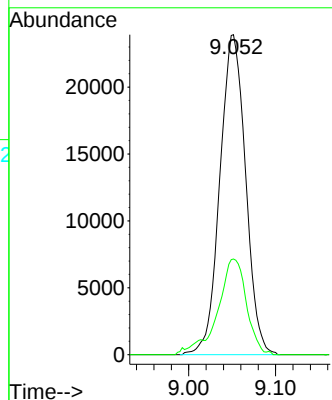
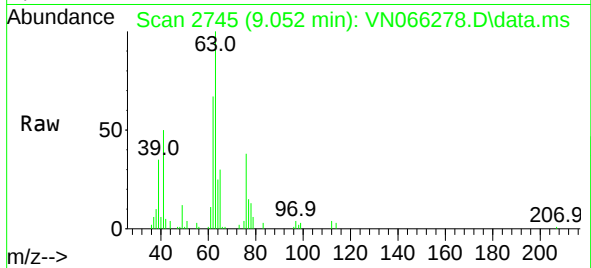
#45
1,2-Dichloropropane
Concen: 14.92 ug/l
RT: 9.052 min Scan# 2745
Delta R.T. 0.003 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

Tgt Ion: 63 Resp: 49156
Ion Ratio Lower Upper
63 100
65 29.9 24.6 37.0

Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

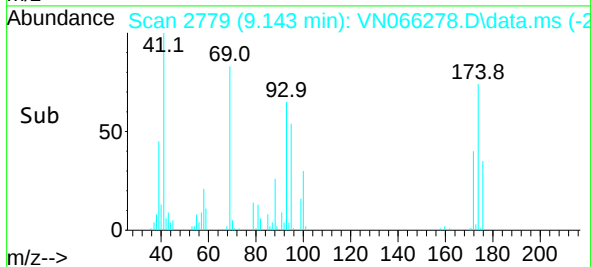
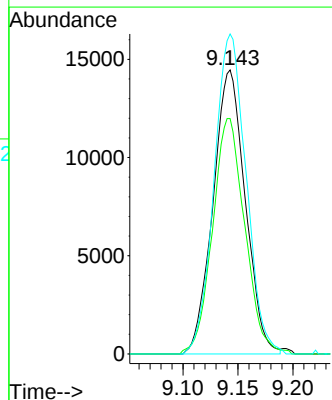
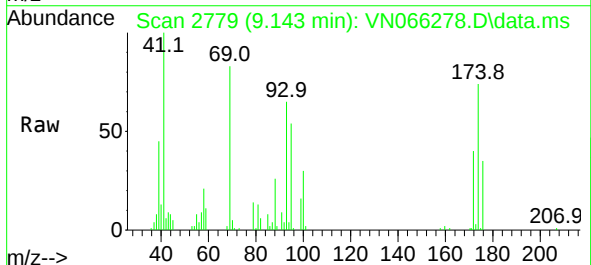
Manual Integrations
APPROVED

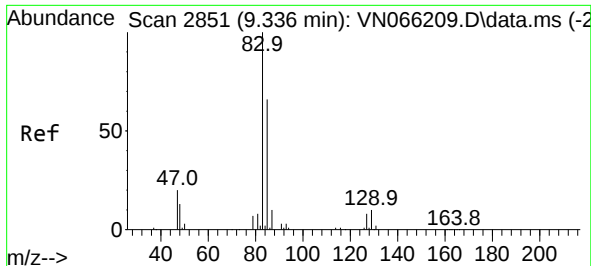
MMDadoda
3/22/2021 11:50:29 AM



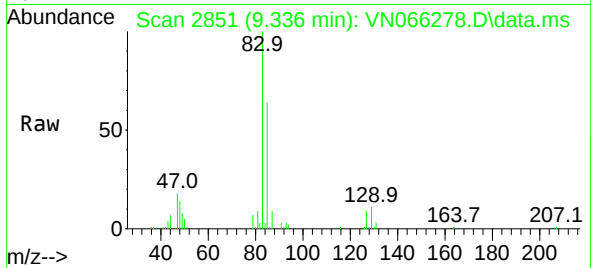
#46
Dibromomethane
Concen: 16.05 ug/l
RT: 9.143 min Scan# 2779
Delta R.T. 0.003 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

Tgt Ion: 93 Resp: 29456
Ion Ratio Lower Upper
93 100
95 82.9 66.1 99.1
174 111.7 78.2 117.4

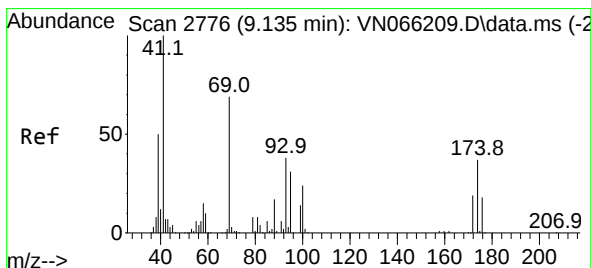
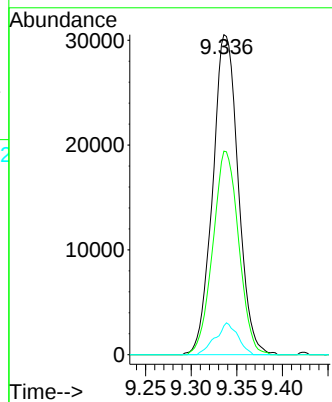
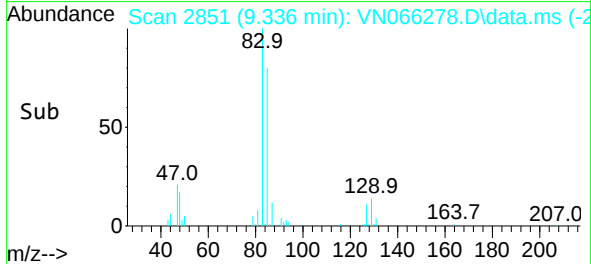




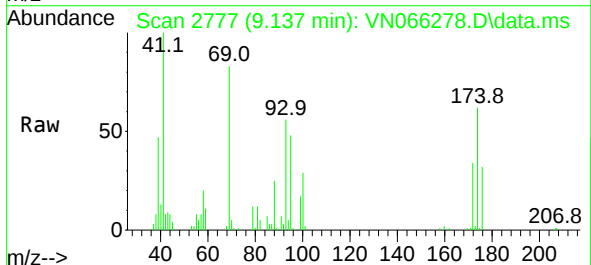
#47
Bromodichloromethane
Concen: 14.82 ug/l
RT: 9.336 min Scan# 2851
Delta R.T. -0.000 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20



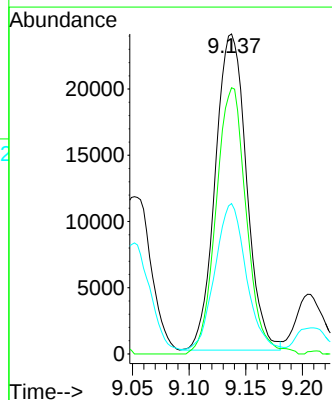
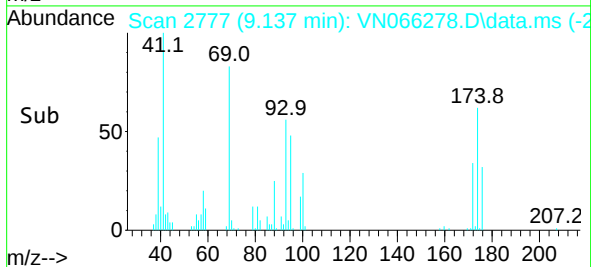
Tgt Ion: 83 Resp: 59330
Ion Ratio Lower Upper
83 100
85 63.6 50.3 75.5
127 9.0 6.2 9.2



#48
Methyl methacrylate
Concen: 11.51 ug/l
RT: 9.137 min Scan# 2777
Delta R.T. 0.002 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20



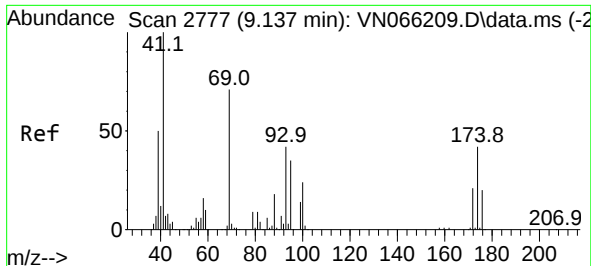
Tgt Ion: 41 Resp: 45718
Ion Ratio Lower Upper
41 100
69 81.8 54.7 82.1
39 48.5 40.2 60.2



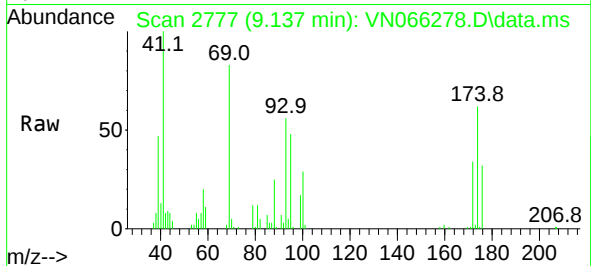
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

Manual Integrations
APPROVED

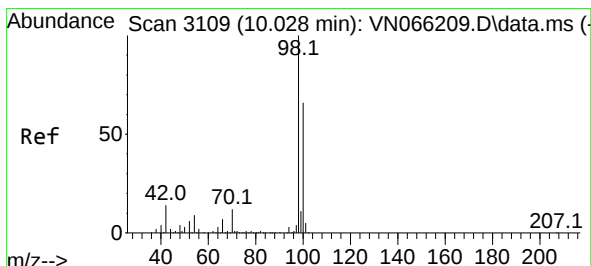
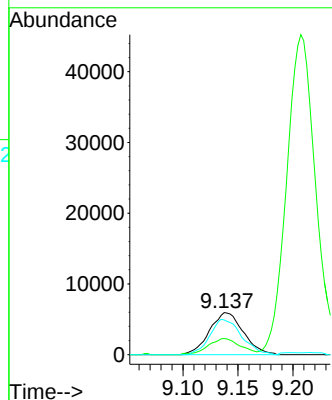
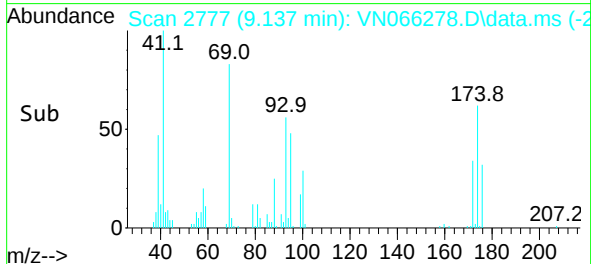
MMDadoda
3/22/2021 11:50:29 AM



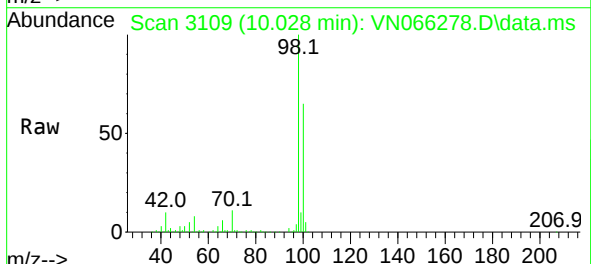
#49
1,4-Dioxane
Concen: 295.29 ug/l
RT: 9.137 min Scan# 2777
Delta R.T. 0.000 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20



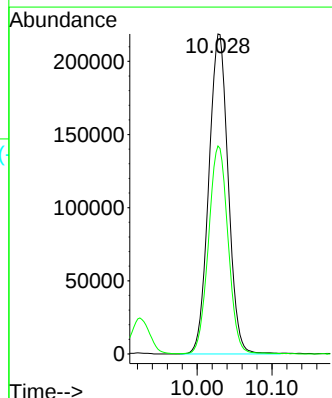
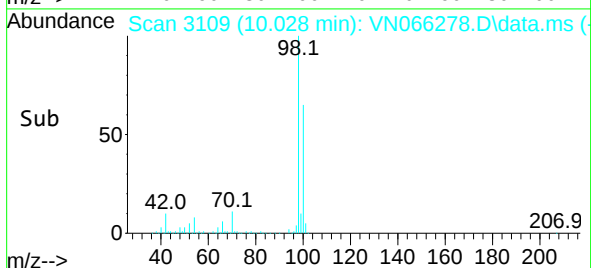
Tgt Ion: 88 Resp: 12730
Ion Ratio Lower Upper
88 100
43 36.6 34.4 51.6
58 78.5 67.3 100.9



#50
Toluene-d8
Concen: 42.64 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20



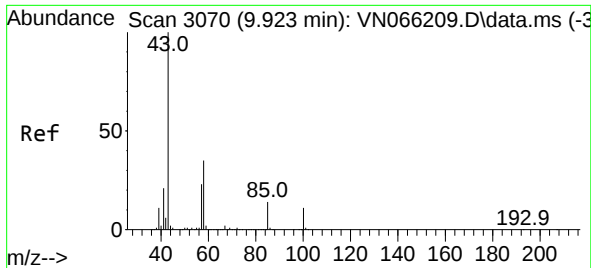
Tgt Ion: 98 Resp: 393918
Ion Ratio Lower Upper
98 100
100 65.5 51.0 76.6



Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

Manual Integrations
APPROVED

MMDadoda
3/22/2021 11:50:29 AM



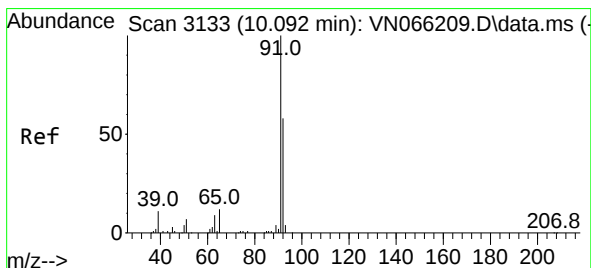
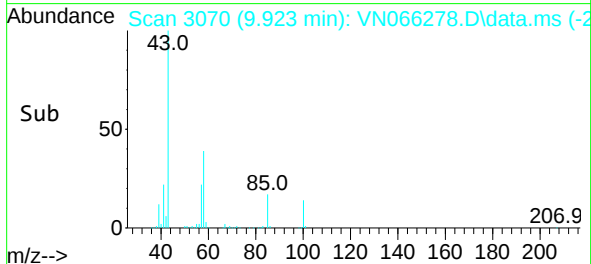
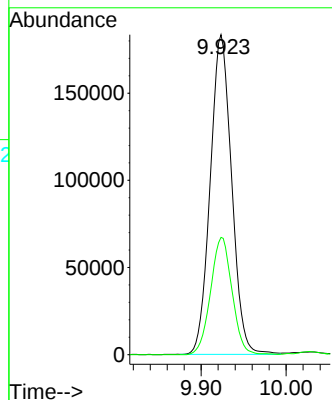
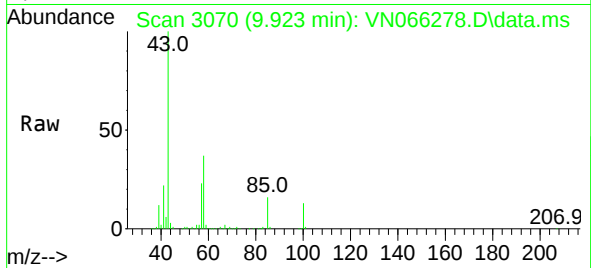
#51
4-Methyl-2-Pentanone
Concen: 63.35 ug/l
RT: 9.923 min Scan# 3070
Delta R.T. 0.000 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

Tgt Ion: 43 Resp: 320903
Ion Ratio Lower Upper
43 100
58 36.9 27.5 41.3

Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

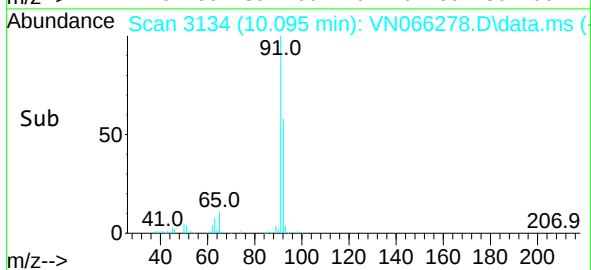
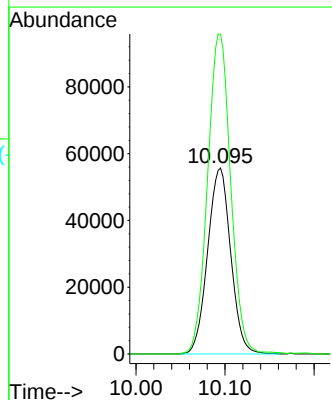
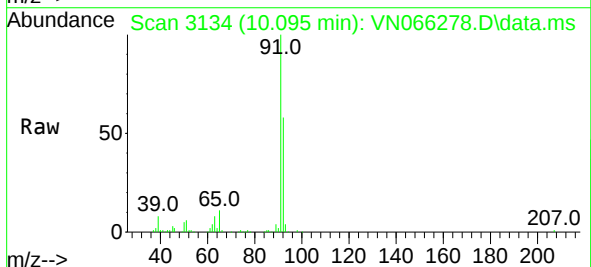
Manual Integrations
APPROVED

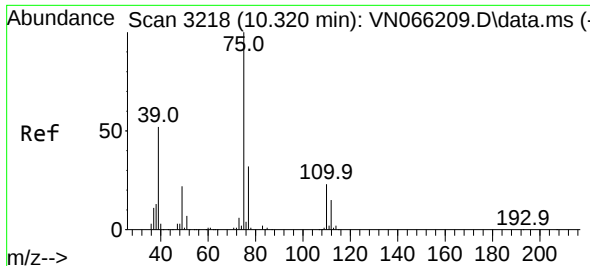
MMDadoda
3/22/2021 11:50:29 AM



#52
Toluene
Concen: 15.20 ug/l
RT: 10.095 min Scan# 3134
Delta R.T. 0.003 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

Tgt Ion: 92 Resp: 100298
Ion Ratio Lower Upper
92 100
91 172.5 137.5 206.3





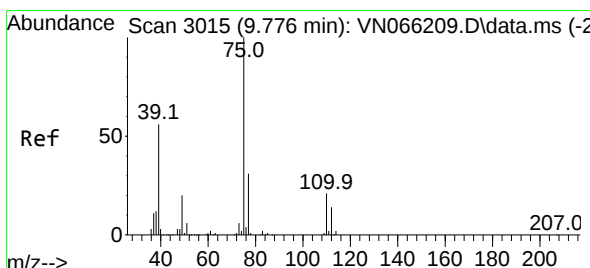
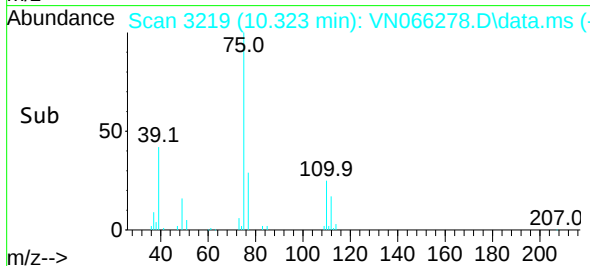
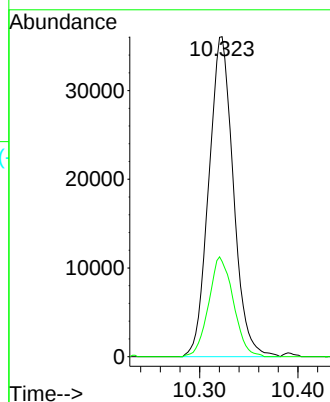
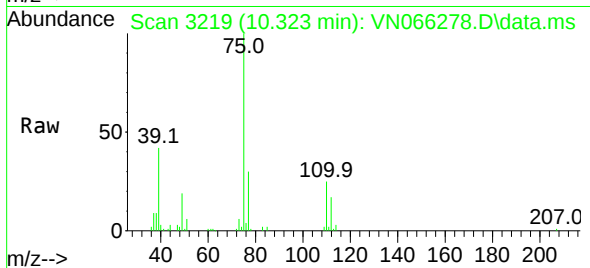
#53
t-1,3-Dichloropropene
Concen: 13.83 ug/l
RT: 10.323 min Scan# 3219
Delta R.T. 0.003 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

Tgt Ion: 75 Resp: 62593
Ion Ratio Lower Upper
75 100
77 29.7 25.0 37.4

Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

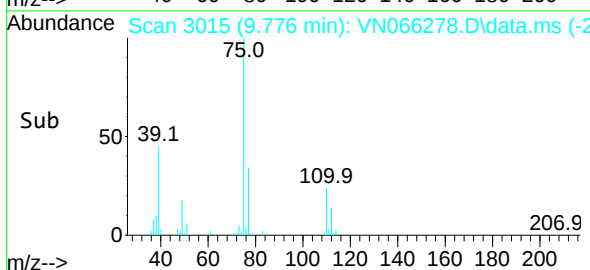
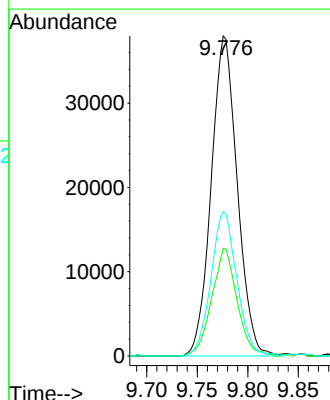
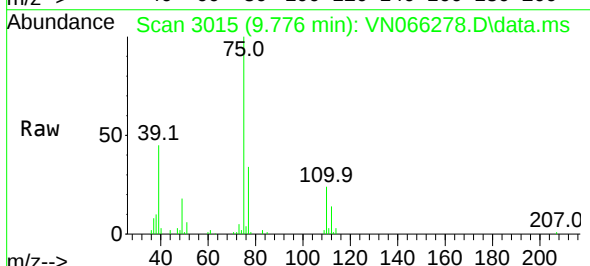
Manual Integrations
APPROVED

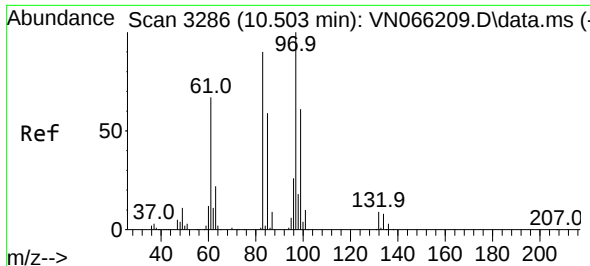
MMDadoda
3/22/2021 11:50:29 AM



#54
cis-1,3-Dichloropropene
Concen: 13.84 ug/l
RT: 9.776 min Scan# 3015
Delta R.T. -0.000 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

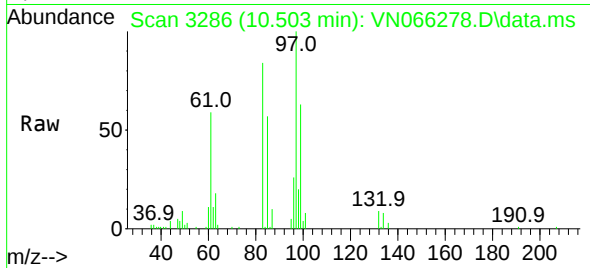
Tgt Ion: 75 Resp: 68053
Ion Ratio Lower Upper
75 100
77 33.6 25.0 37.4
39 45.1 46.2 69.2#





#55
1,1,2-Trichloroethane
Concen: 16.57 ug/l
RT: 10.503 min Scan# 3286
Delta R.T. -0.000 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

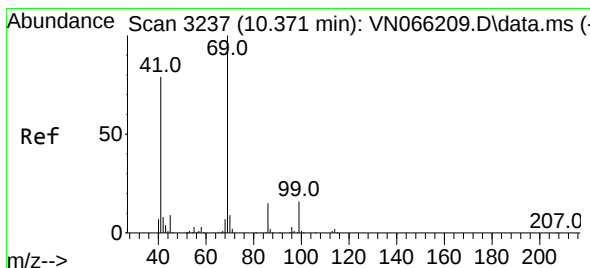
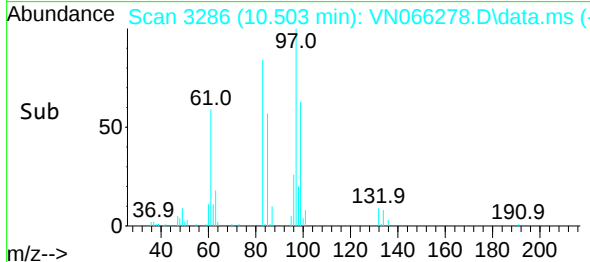
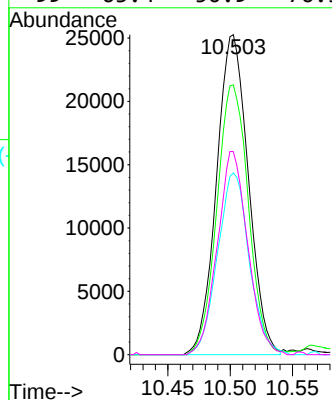
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



Tgt Ion:	97	Resp:	44789
Ion	Ratio	Lower	Upper
97	100		
83	84.3	73.3	109.9
85	56.8	49.8	74.8
99	63.4	50.9	76.3

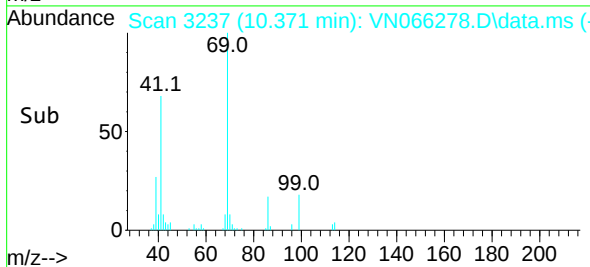
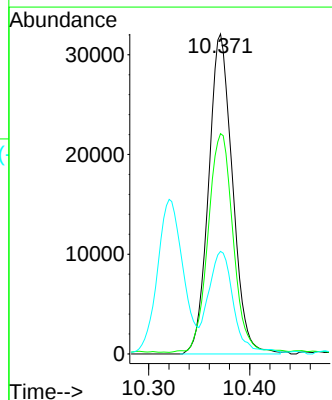
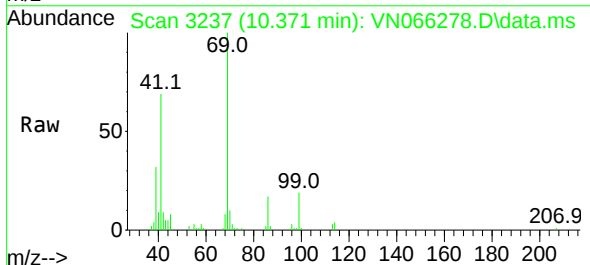
Manual Integrations
APPROVED

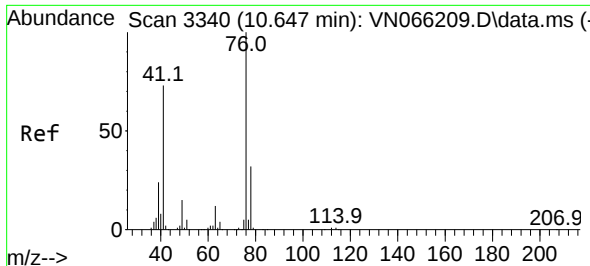
MMDadoda
3/22/2021 11:50:29 AM



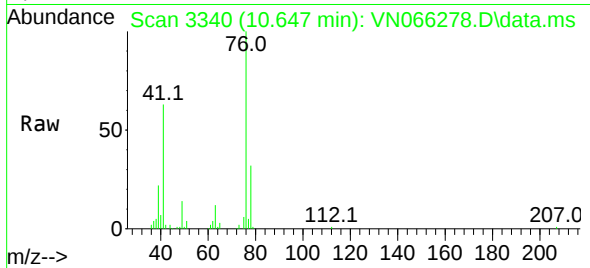
#56
Ethyl methacrylate
Concen: 12.61 ug/l
RT: 10.371 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

Tgt Ion:	69	Resp:	52682
Ion	Ratio	Lower	Upper
69	100		
41	71.7	66.2	99.4
39	30.8	31.5	47.3

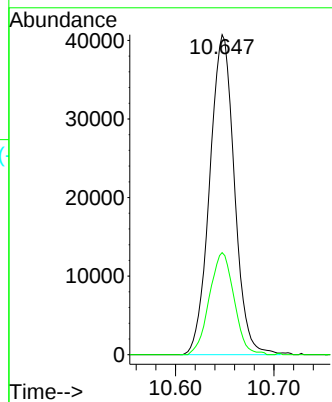
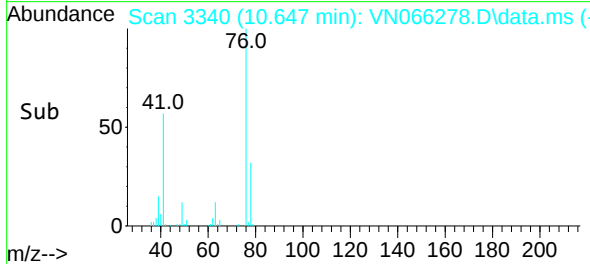




#57
1,3-Dichloropropane
Concen: 14.57 ug/l
RT: 10.647 min Scan# 3340
Delta R.T. 0.000 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20



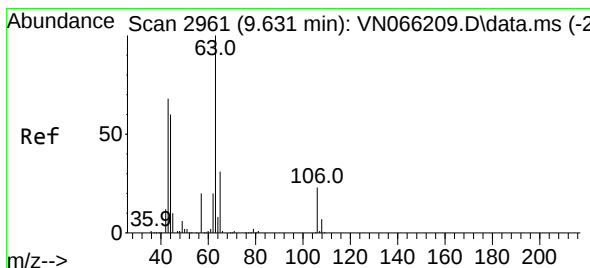
Tgt Ion: 76 Resp: 71064
Ion Ratio Lower Upper
76 100
78 31.9 25.4 38.2



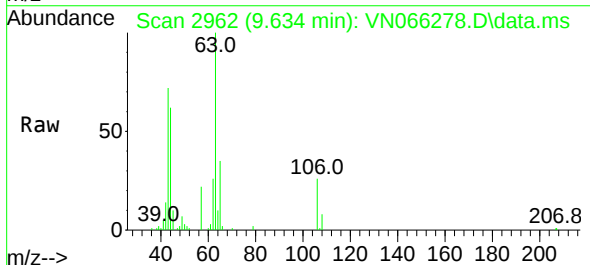
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

Manual Integrations
APPROVED

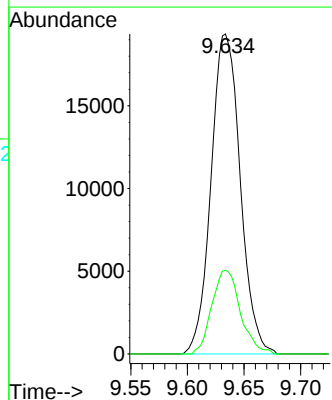
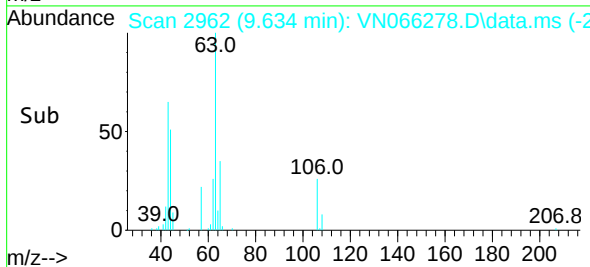
MMDadoda
3/22/2021 11:50:29 AM

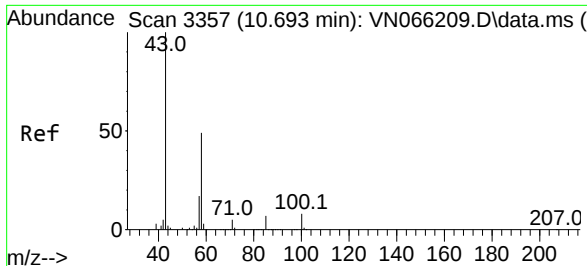


#58
2-Chloroethyl Vinyl ether
Concen: 99.05 ug/l
RT: 9.634 min Scan# 2962
Delta R.T. 0.003 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20



Tgt Ion: 63 Resp: 34601
Ion Ratio Lower Upper
63 100
106 25.6 17.6 26.4





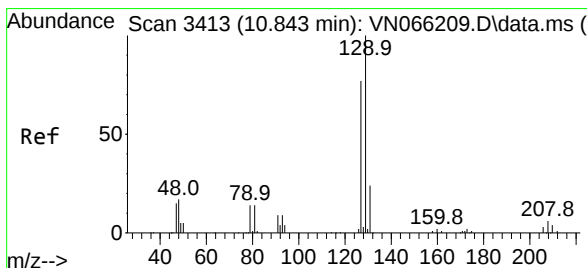
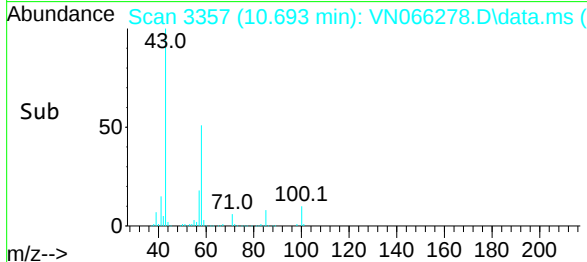
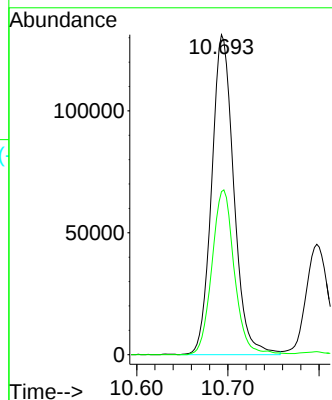
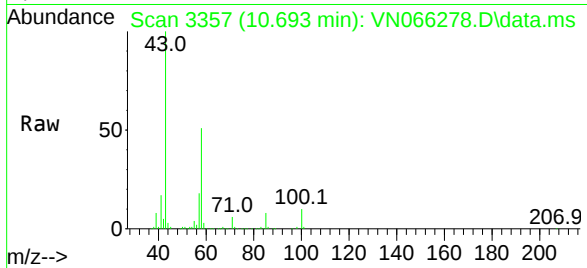
#59
2-Hexanone
Concen: 57.05 ug/l
RT: 10.693 min Scan# 3357
Delta R.T. -0.000 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

Tgt Ion: 43 Resp: 221842
Ion Ratio Lower Upper
43 100
58 51.5 23.8 71.5

Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

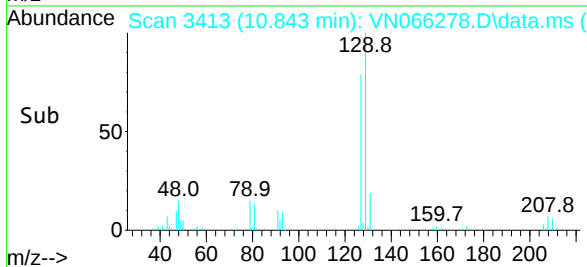
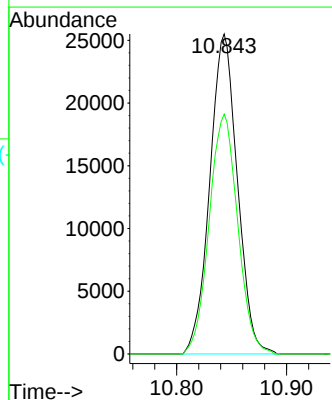
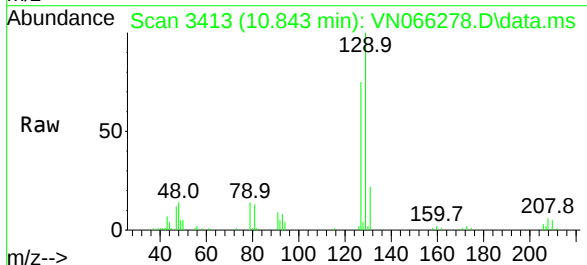
Manual Integrations
APPROVED

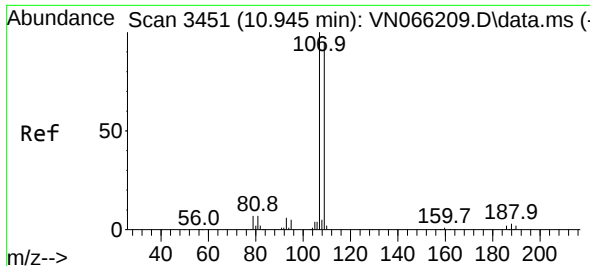
MMDadoda
3/22/2021 11:50:29 AM



#60
Dibromochloromethane
Concen: 15.70 ug/l
RT: 10.843 min Scan# 3413
Delta R.T. 0.000 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

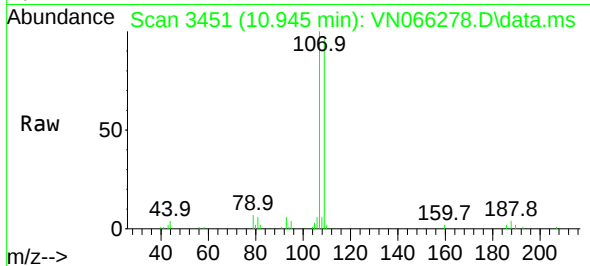
Tgt Ion: 129 Resp: 44455
Ion Ratio Lower Upper
129 100
127 77.4 39.2 117.6





#61
1,2-Dibromoethane
Concen: 15.80 ug/l
RT: 10.945 min Scan# 3451
Delta R.T. 0.000 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

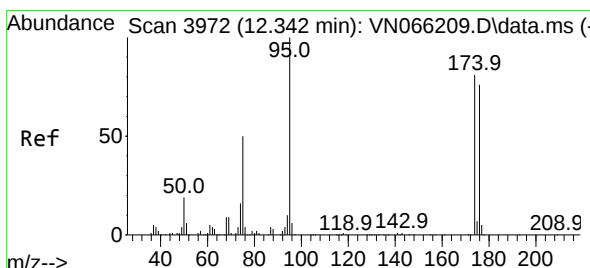
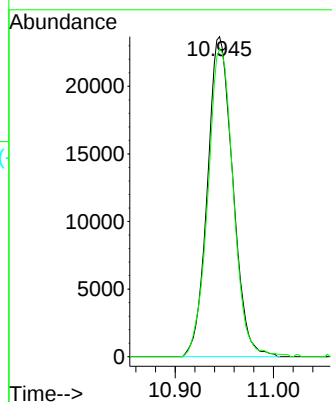
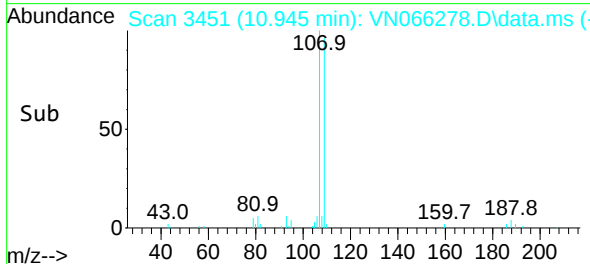
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



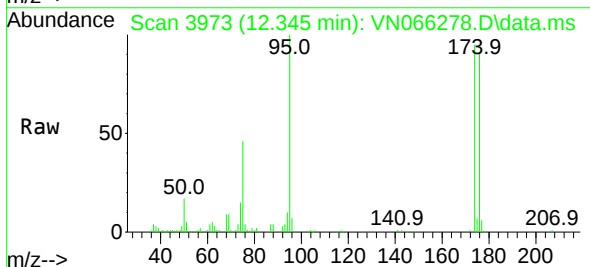
Tgt Ion:107 Resp: 42538
Ion Ratio Lower Upper
107 100
109 96.5 75.5 113.3

Manual Integrations
APPROVED

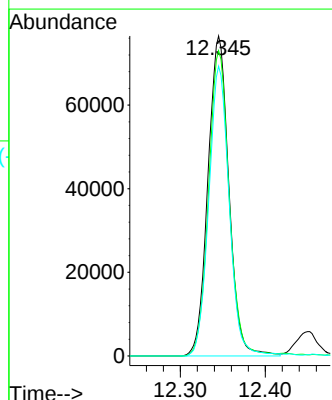
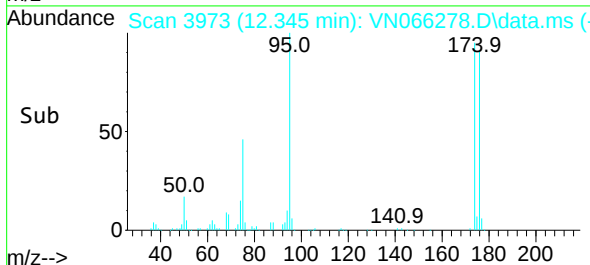
MMDadoda
3/22/2021 11:50:29 AM

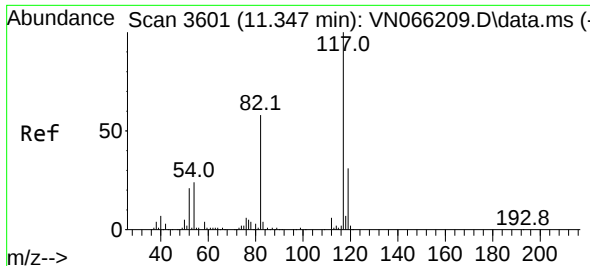


#62
4-Bromofluorobenzene
Concen: 39.33 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.003 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20



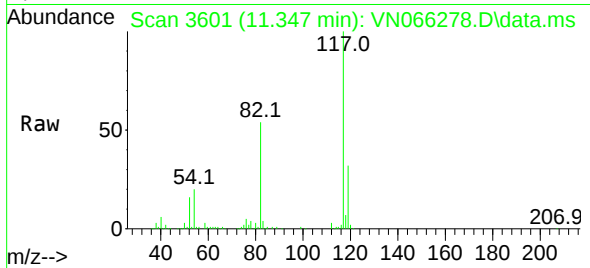
Tgt Ion: 95 Resp: 130964
Ion Ratio Lower Upper
95 100
174 93.8 0.0 162.4
176 87.7 0.0 156.2





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

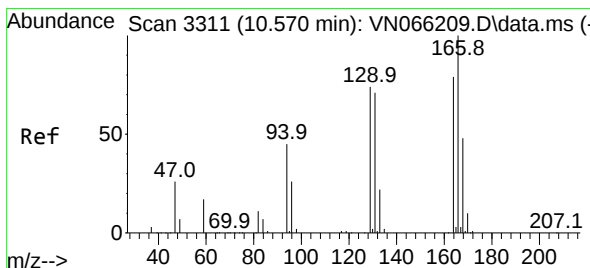
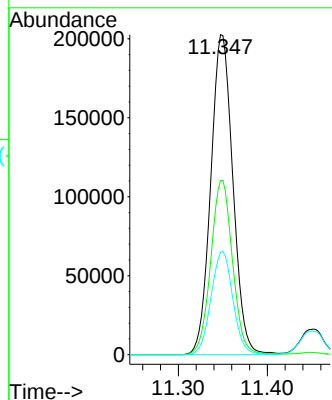
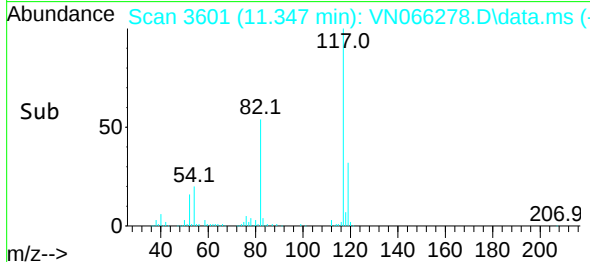
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



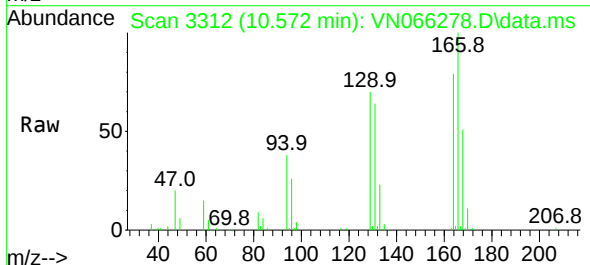
Tgt Ion:117 Resp: 350324
Ion Ratio Lower Upper
117 100
82 54.5 49.0 73.6
119 32.0 25.7 38.5

Manual Integrations
APPROVED

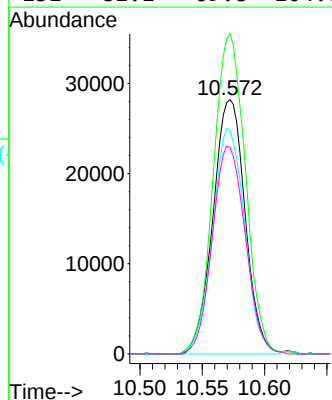
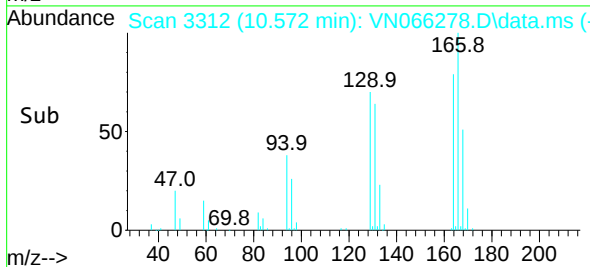
MMDadoda
3/22/2021 11:50:29 AM

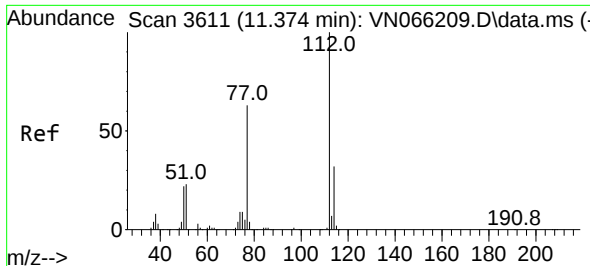


#64
Tetrachloroethene
Concen: 17.39 ug/l
RT: 10.572 min Scan# 3312
Delta R.T. 0.002 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20



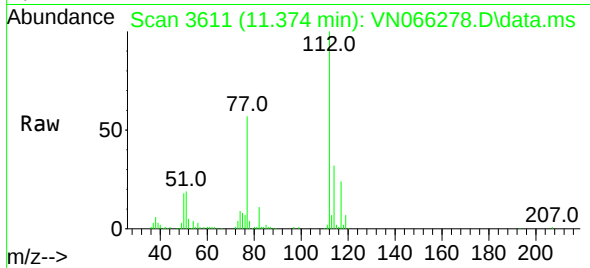
Tgt Ion:164 Resp: 50539
Ion Ratio Lower Upper
164 100
166 125.8 98.9 148.3
129 87.8 73.2 109.8
131 81.1 69.8 104.6





#65
Chlorobenzene
Concen: 20.84 ug/l
RT: 11.374 min Scan# 3611
Delta R.T. 0.000 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

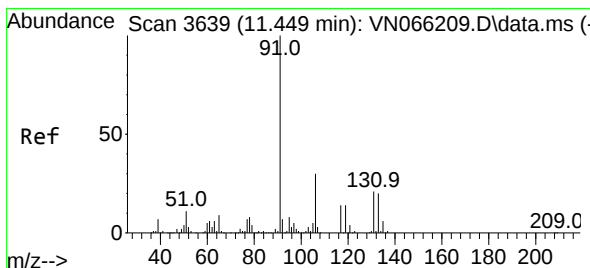
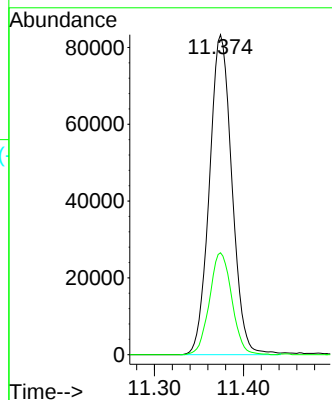
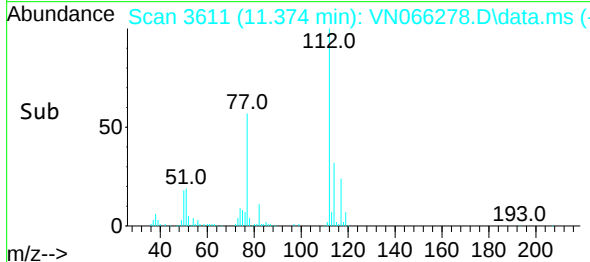
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



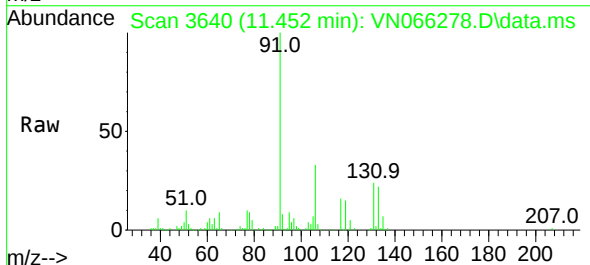
Tgt Ion:112 Resp: 146510
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.0

Manual Integrations
APPROVED

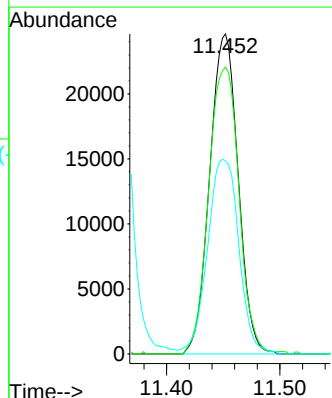
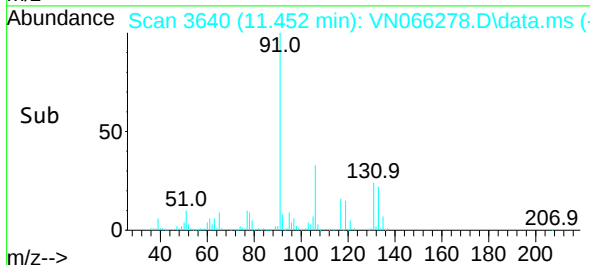
MMDadoda
3/22/2021 11:50:29 AM

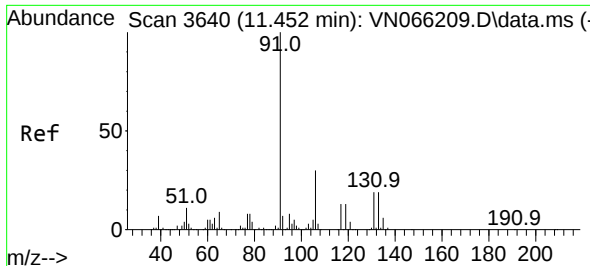


#66
1,1,1,2-Tetrachloroethane
Concen: 16.26 ug/l
RT: 11.452 min Scan# 3640
Delta R.T. 0.003 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20



Tgt Ion:131 Resp: 42819
Ion Ratio Lower Upper
131 100
133 95.7 47.5 142.5
119 67.1 33.1 99.2





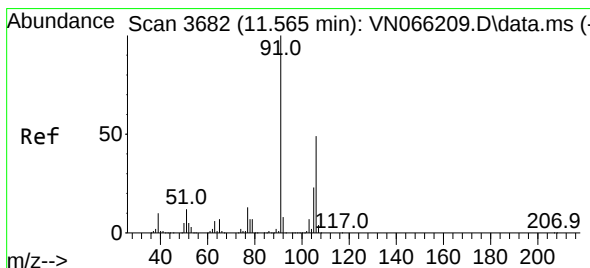
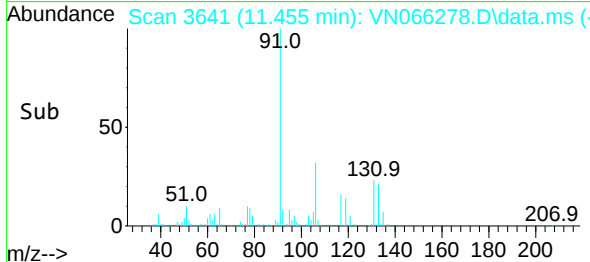
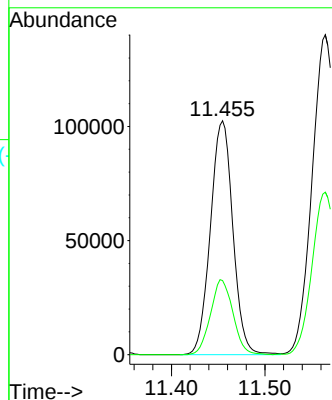
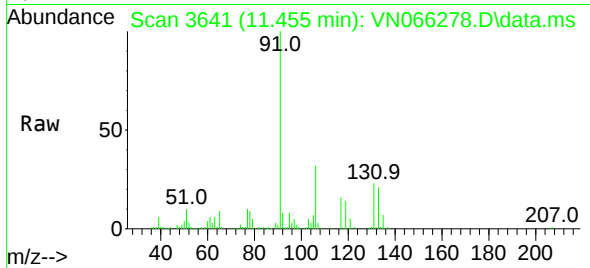
#67
Ethyl Benzene
Concen: 13.73 ug/l
RT: 11.455 min Scan# 3641
Delta R.T. 0.003 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

Tgt Ion: 91 Resp: 171180
Ion Ratio Lower Upper
91 100
106 31.7 24.2 36.2

Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

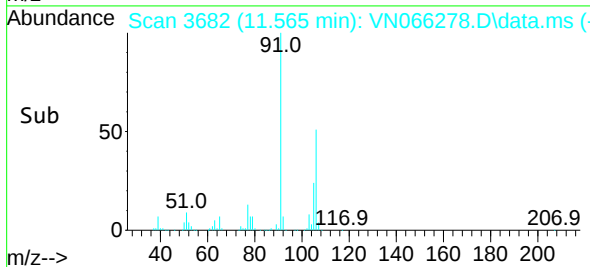
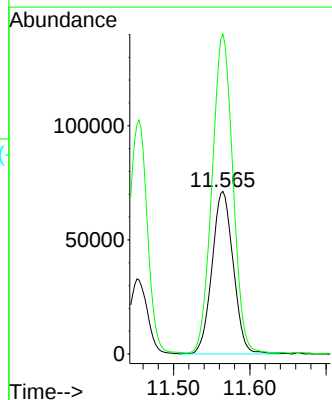
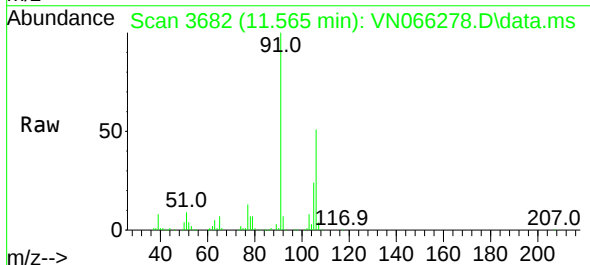
Manual Integrations
APPROVED

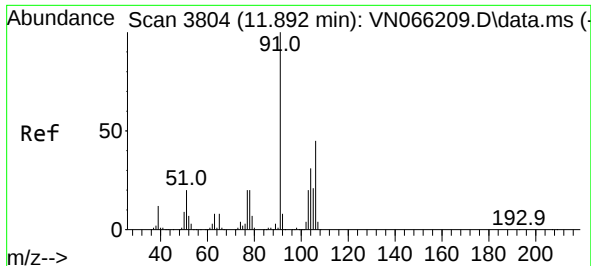
MMDadoda
3/22/2021 11:50:29 AM



#68
m/p-Xylenes
Concen: 29.81 ug/l
RT: 11.565 min Scan# 3682
Delta R.T. -0.000 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

Tgt Ion:106 Resp: 137882
Ion Ratio Lower Upper
106 100
91 192.5 168.2 252.4





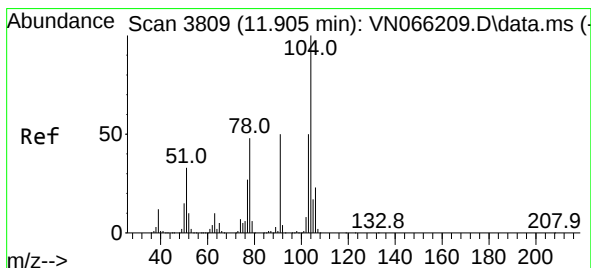
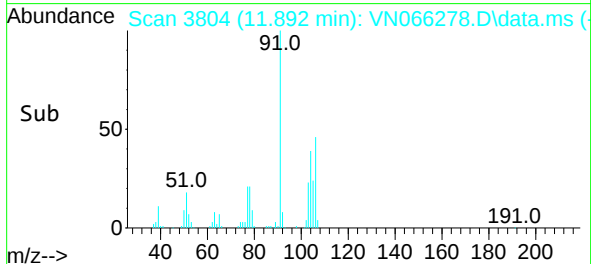
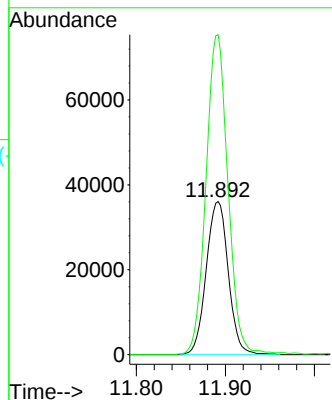
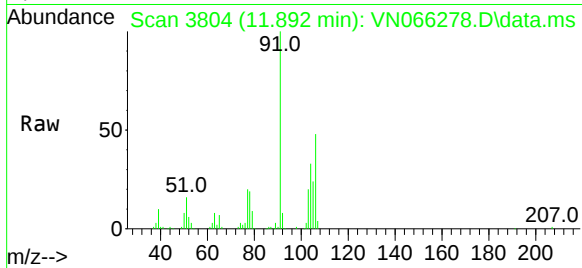
#69
o-Xylene
Concen: 13.98 ug/l
RT: 11.892 min Scan# 3804
Delta R.T. -0.000 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

Tgt Ion:106 Resp: 62094
Ion Ratio Lower Upper
106 100
91 208.2 111.8 335.3

Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

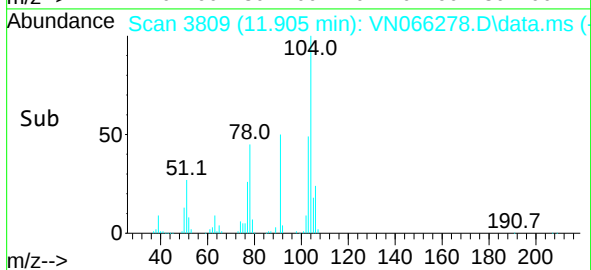
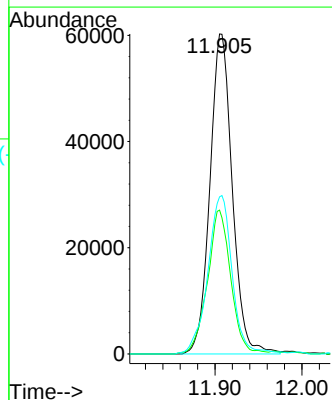
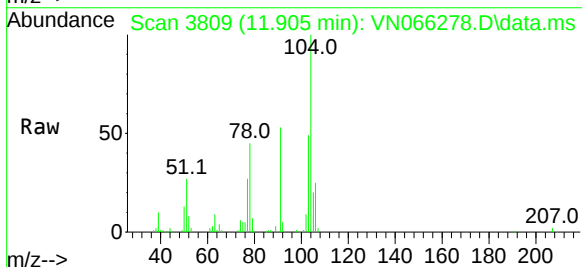
Manual Integrations
APPROVED

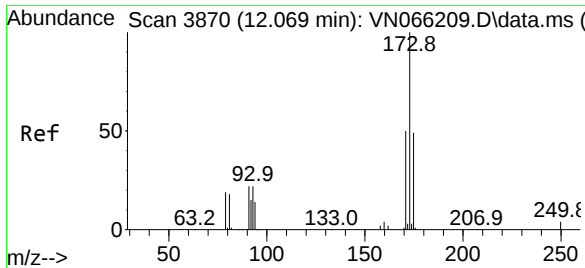
MMDadoda
3/22/2021 11:50:29 AM



#70
Styrene
Concen: 14.65 ug/l
RT: 11.905 min Scan# 3809
Delta R.T. 0.000 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

Tgt Ion:104 Resp: 107831
Ion Ratio Lower Upper
104 100
78 46.8 43.8 65.6
103 53.9 43.7 65.5





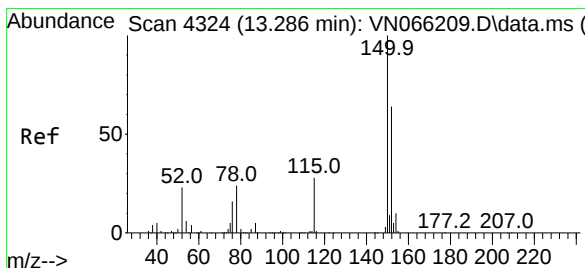
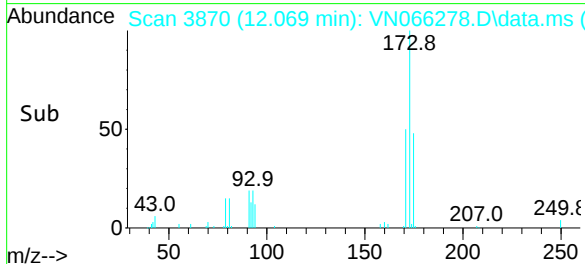
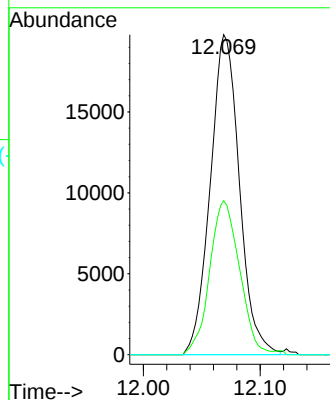
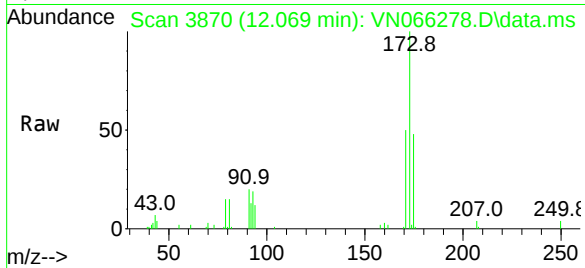
#71
Bromoform
Concen: 16.42 ug/l
RT: 12.069 min Scan# 3870
Delta R.T. -0.000 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

Tgt Ion:173 Resp: 34285
Ion Ratio Lower Upper
173 100
175 49.3 23.9 71.8
254 0.0 0.0 0.0

Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

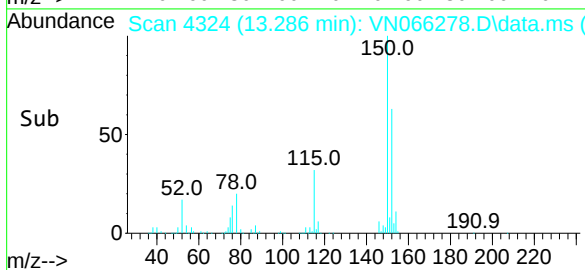
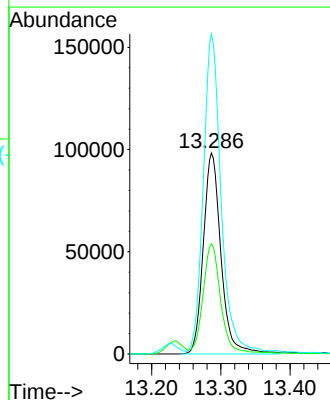
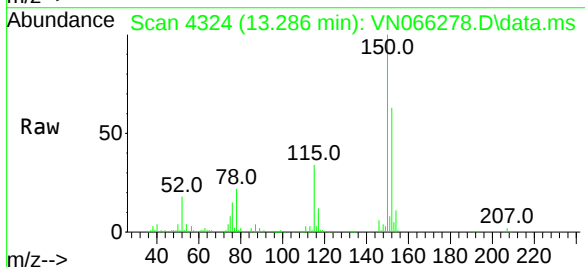
Manual Integrations
APPROVED

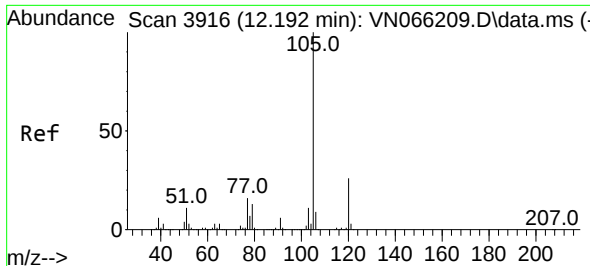
MMDadoda
3/22/2021 11:50:29 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.000 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

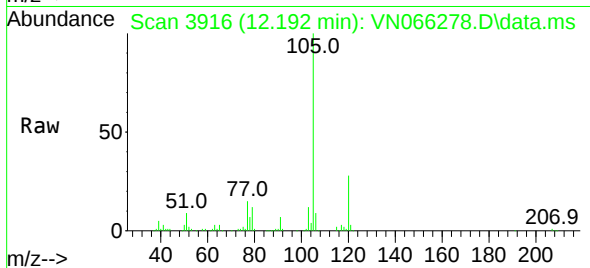
Tgt Ion:152 Resp: 174490
Ion Ratio Lower Upper
152 100
115 52.9 29.4 88.3
150 157.4 0.0 352.2





#73
Isopropylbenzene
Concen: 13.20 ug/l
RT: 12.192 min Scan# 3916
Delta R.T. 0.000 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

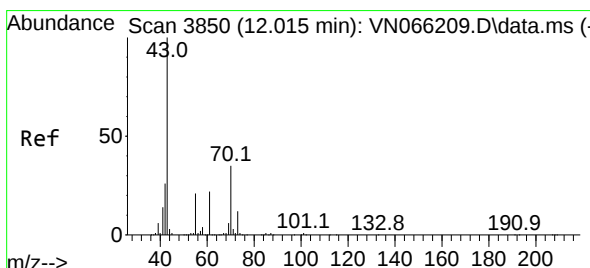
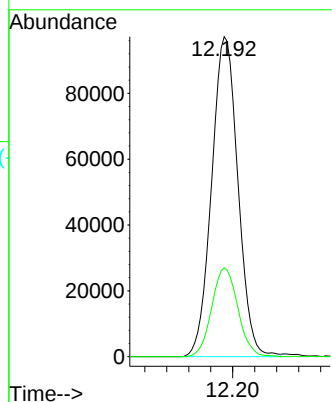
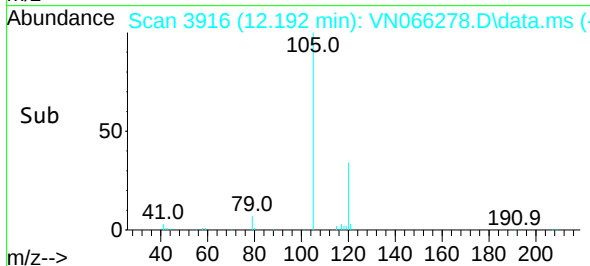
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



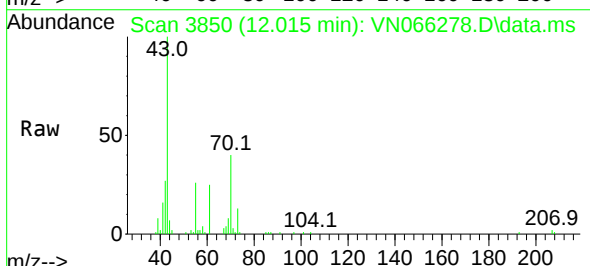
Tgt Ion:105 Resp: 161432
Ion Ratio Lower Upper
105 100
120 27.6 12.8 38.3

Manual Integrations
APPROVED

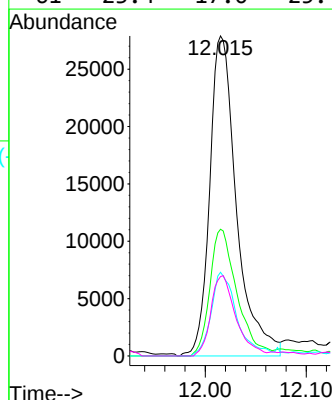
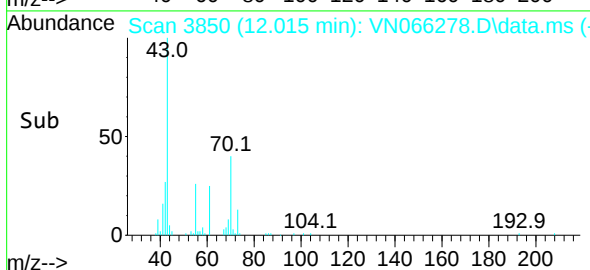
MMDadoda
3/22/2021 11:50:29 AM

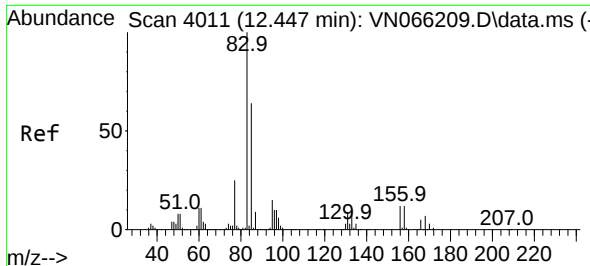


#74
N-ethyl acetate
Concen: 9.41 ug/l
RT: 12.015 min Scan# 3850
Delta R.T. 0.000 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20



Tgt Ion: 43 Resp: 51461
Ion Ratio Lower Upper
43 100
70 39.9 26.2 39.4#
55 25.1 17.2 25.8
61 23.4 17.0 25.4





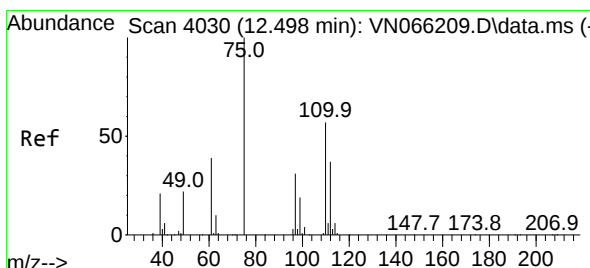
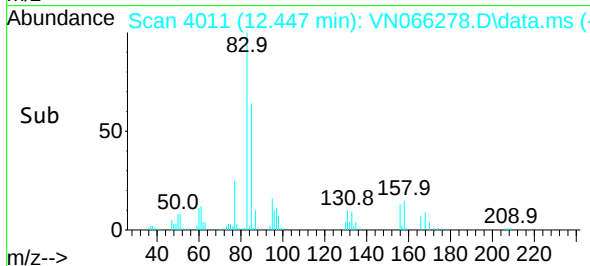
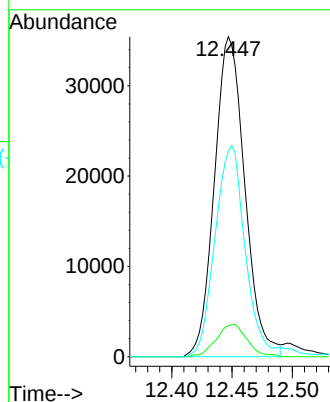
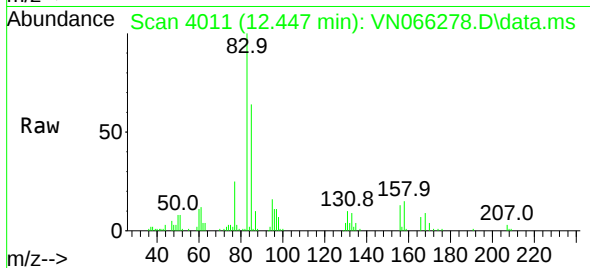
#75
1,1,2,2-Tetrachloroethane
Concen: 14.55 ug/l
RT: 12.447 min Scan# 4011
Delta R.T. -0.000 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

Tgt Ion: 83 Resp: 62186
Ion Ratio Lower Upper
83 100
131 10.2 4.5 13.5
85 64.6 31.8 95.4

Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

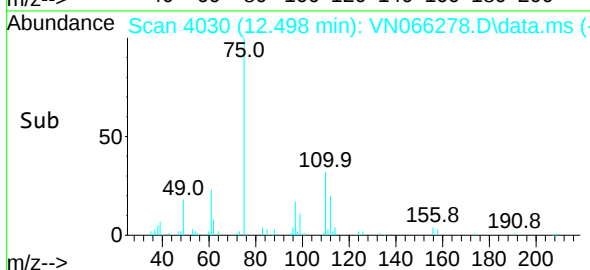
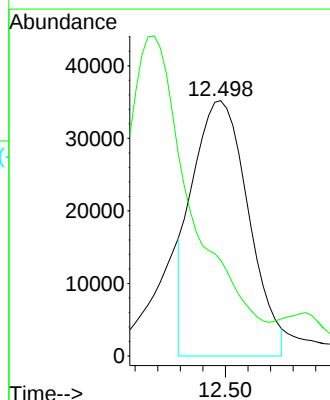
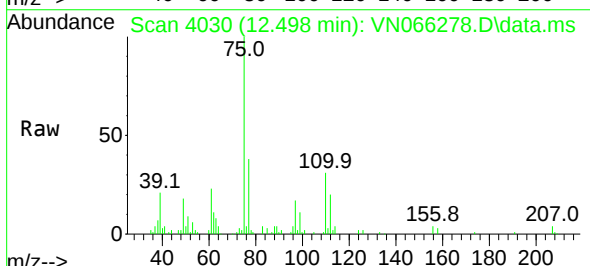
Manual Integrations
APPROVED

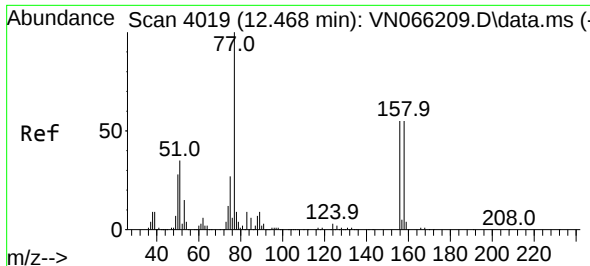
MMDadoda
3/22/2021 11:50:29 AM



#76
1,2,3-Trichloropropane
Concen: 13.39 ug/l m
RT: 12.498 min Scan# 4030
Delta R.T. -0.000 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

Tgt Ion: 75 Resp: 60352
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





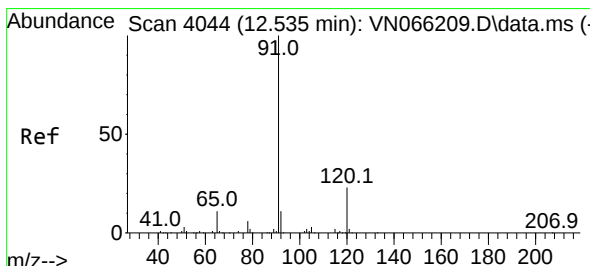
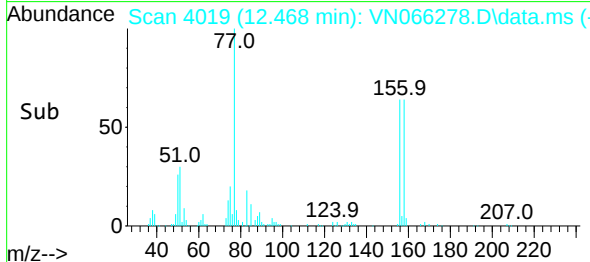
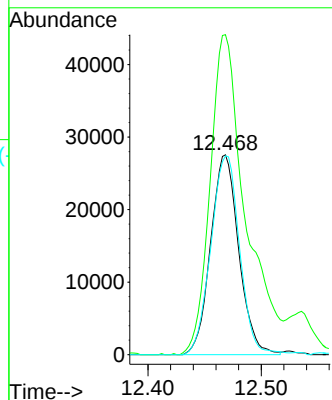
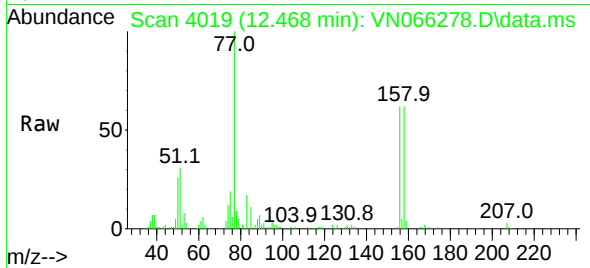
#77
Bromobenzene
Concen: 14.82 ug/l
RT: 12.468 min Scan# 4019
Delta R.T. 0.000 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

Tgt Ion: 156 Resp: 47545
Ion Ratio Lower Upper
156 100
77 200.8 115.5 346.4
158 101.7 49.4 148.2

Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

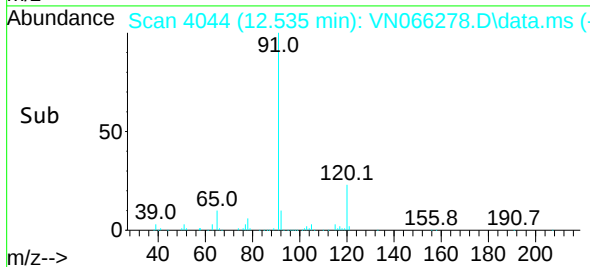
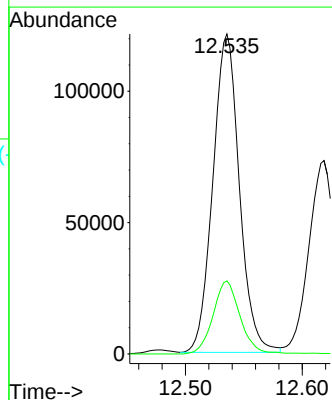
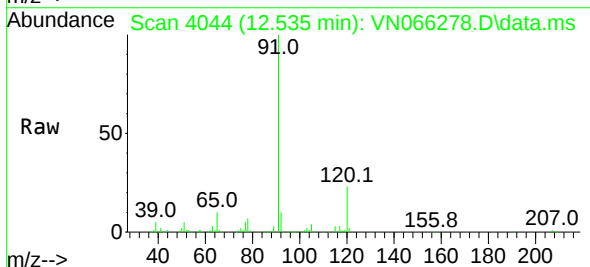
Manual Integrations
APPROVED

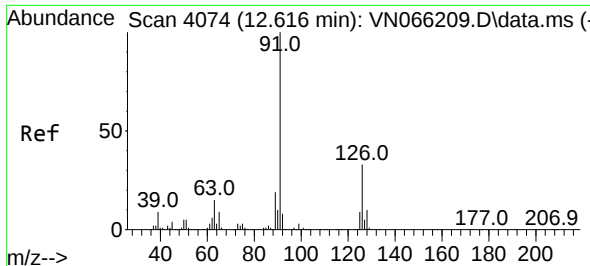
MMDadoda
3/22/2021 11:50:29 AM



#78
n-propylbenzene
Concen: 13.58 ug/l
RT: 12.535 min Scan# 4044
Delta R.T. 0.000 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

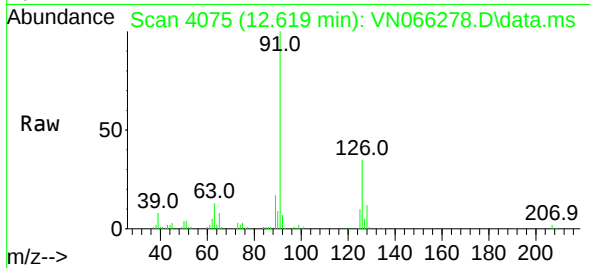
Tgt Ion: 91 Resp: 191026
Ion Ratio Lower Upper
91 100
120 23.5 10.8 32.4





#79
2-Chlorotoluene
Concen: 13.76 ug/l
RT: 12.619 min Scan# 4075
Delta R.T. 0.003 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

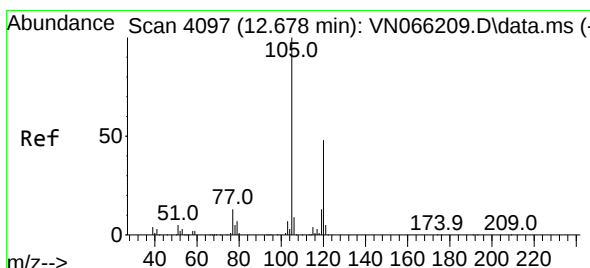
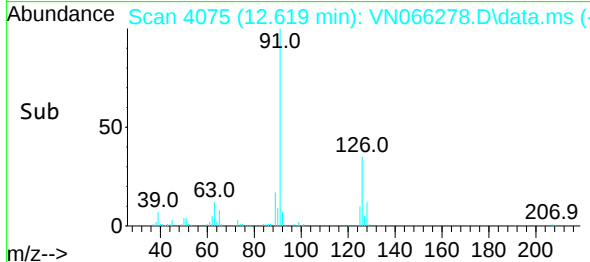
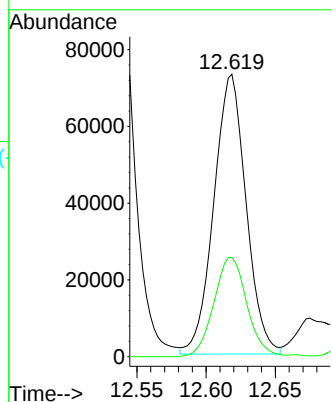
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



Tgt Ion: 91 Resp: 118204
Ion Ratio Lower Upper
91 100
126 36.2 16.3 48.8

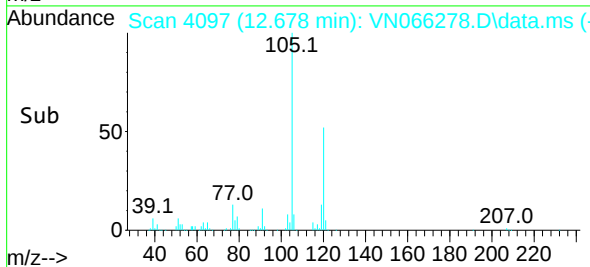
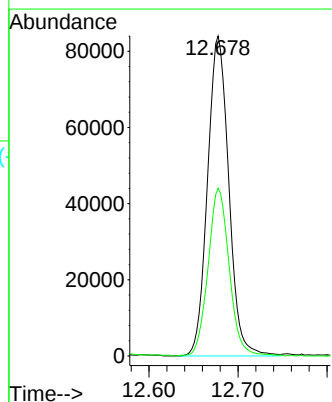
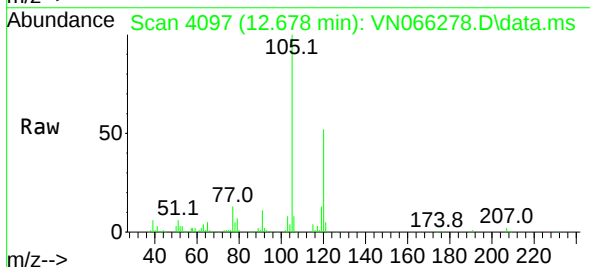
Manual Integrations
APPROVED

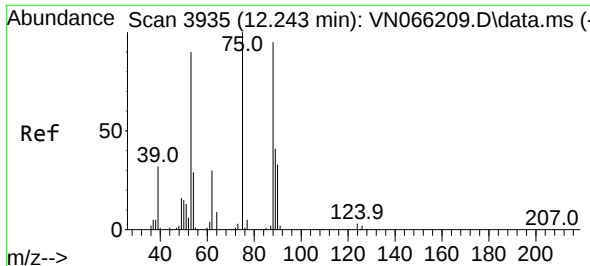
MMDadoda
3/22/2021 11:50:29 AM



#80
1,3,5-Trimethylbenzene
Concen: 13.74 ug/l
RT: 12.678 min Scan# 4097
Delta R.T. -0.000 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

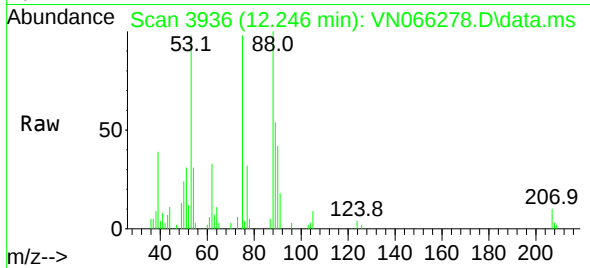
Tgt Ion: 105 Resp: 139426
Ion Ratio Lower Upper
105 100
120 52.2 23.9 71.8





#81
trans-1,4-Dichloro-2-butene
Concen: 11.60 ug/l
RT: 12.246 min Scan# 3936
Delta R.T. 0.003 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

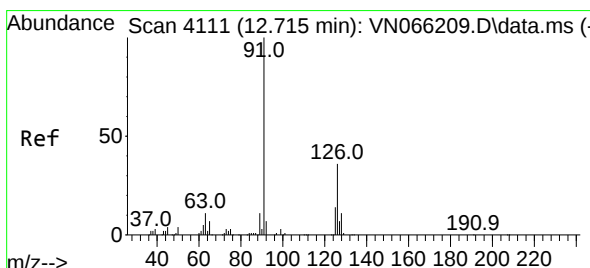
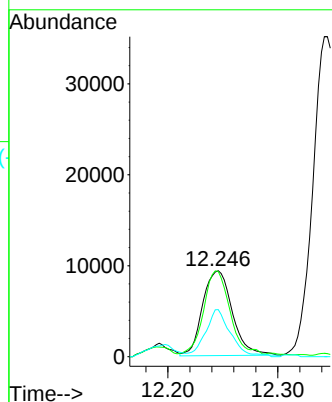
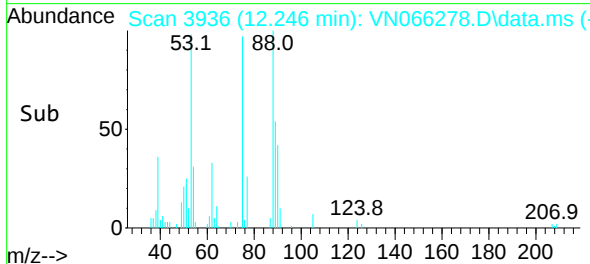
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



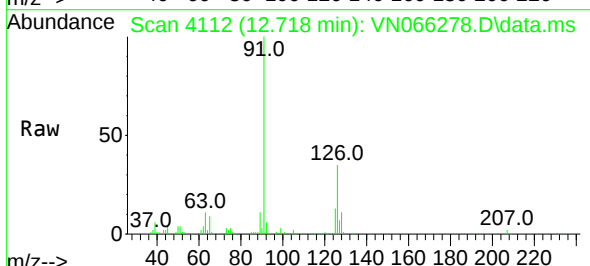
Tgt Ion: 75 Resp: 17461
Ion Ratio Lower Upper
75 100
53 87.9 77.8 116.6
89 47.1 33.7 50.5

Manual Integrations
APPROVED

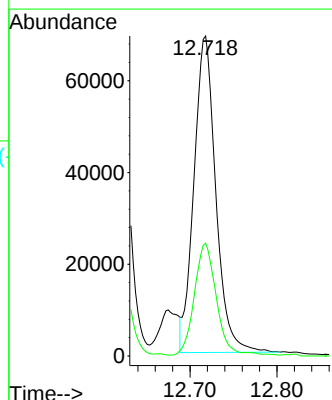
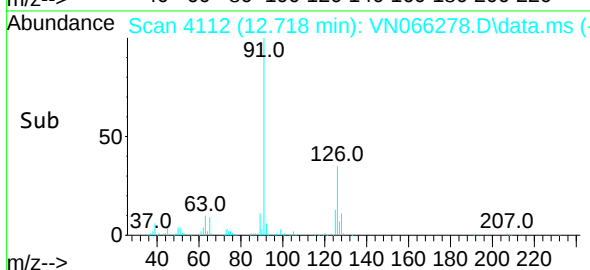
MMDadoda
3/22/2021 11:50:29 AM

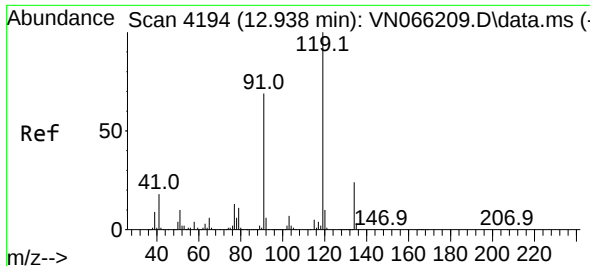


#82
4-Chlorotoluene
Concen: 13.24 ug/l
RT: 12.718 min Scan# 4112
Delta R.T. 0.003 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20



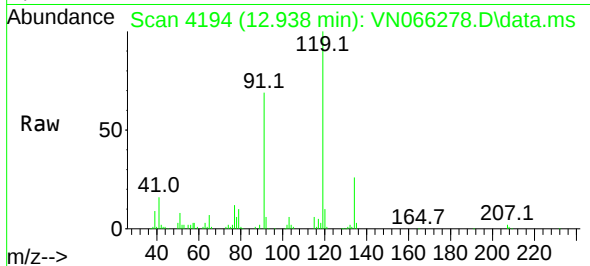
Tgt Ion: 91 Resp: 120380
Ion Ratio Lower Upper
91 100
126 34.6 15.7 47.1





#83
tert-Butylbenzene
Concen: 12.64 ug/l
RT: 12.938 min Scan# 4194
Delta R.T. -0.000 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

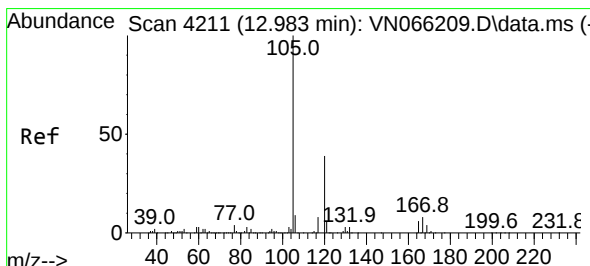
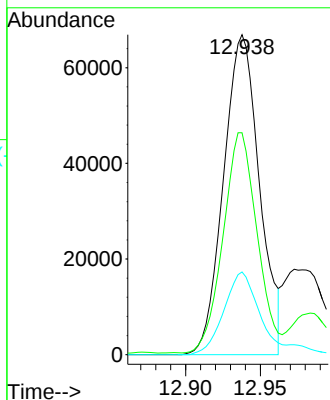
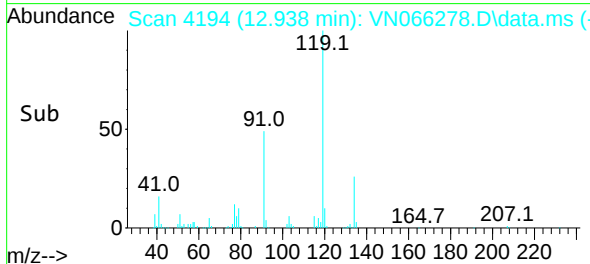
Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01



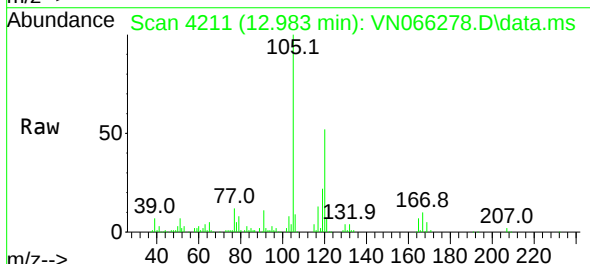
Tgt Ion:119 Resp: 111840
Ion Ratio Lower Upper
119 100
91 65.3 33.7 101.1
134 25.3 12.3 36.9

Manual Integrations
APPROVED

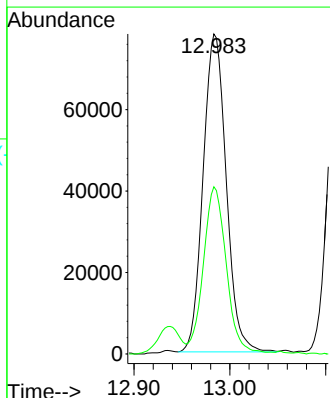
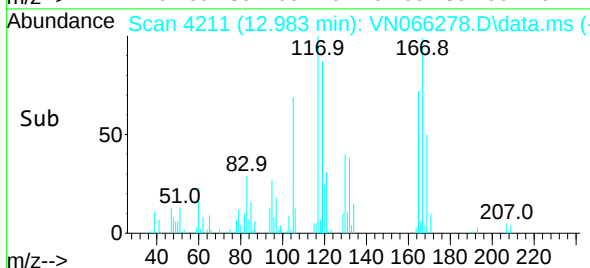
MMDadoda
3/22/2021 11:50:29 AM

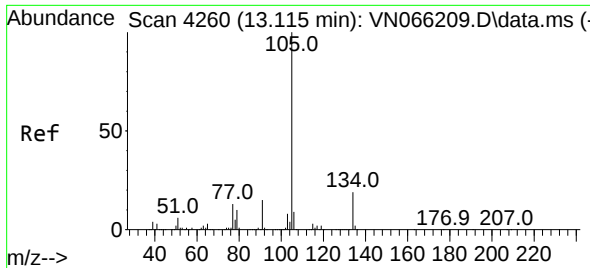


#84
1,2,4-Trimethylbenzene
Concen: 13.20 ug/l
RT: 12.983 min Scan# 4211
Delta R.T. 0.000 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20



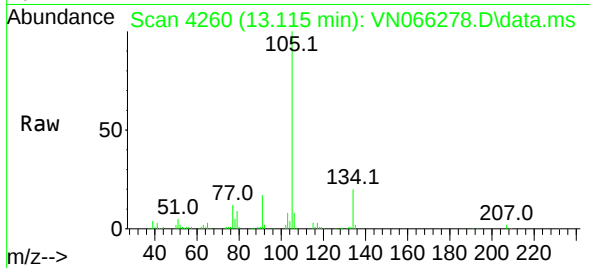
Tgt Ion:105 Resp: 130901
Ion Ratio Lower Upper
105 100
120 51.2 22.1 66.5





#85
 sec-Butylbenzene
 Concen: 13.30 ug/l
 RT: 13.115 min Scan# 4260
 Delta R.T. -0.000 min
 Lab File: VN066278.D
 Acq: 19 Mar 2021 14:20

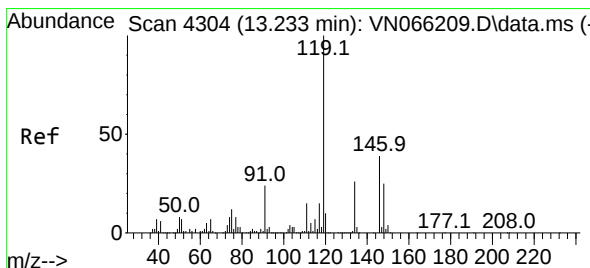
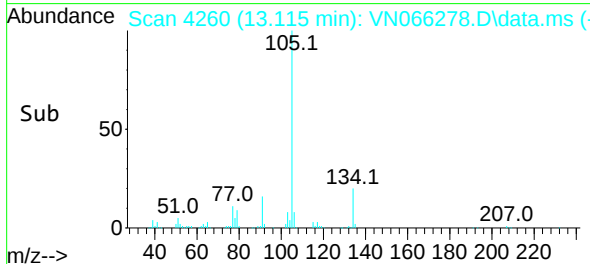
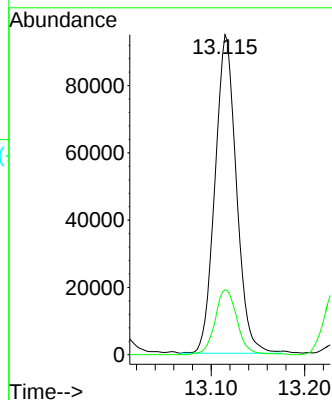
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0319WBSD01



Tgt Ion:105 Resp: 150870
 Ion Ratio Lower Upper
 105 100
 134 21.0 9.6 28.8

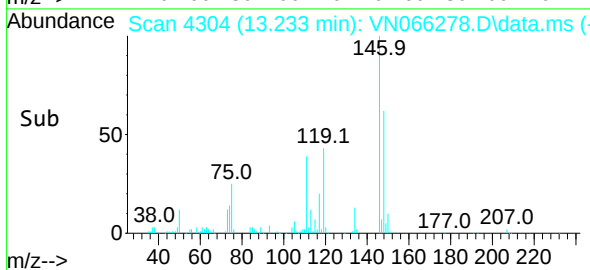
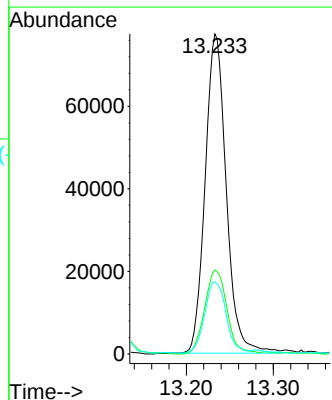
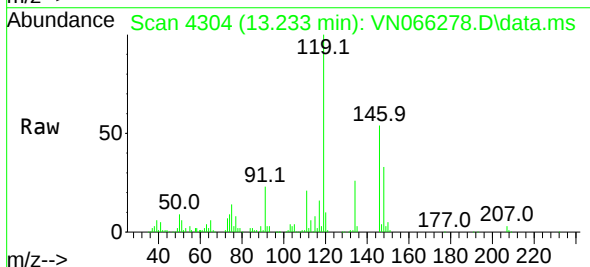
Manual Integrations
 APPROVED

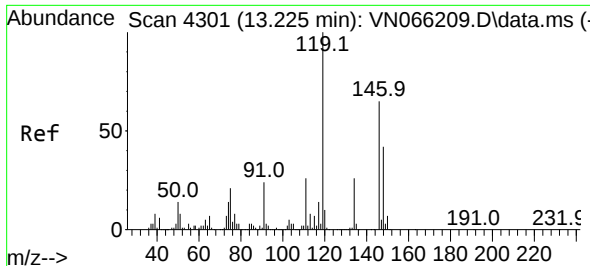
MMDadoda
 3/22/2021 11:50:29 AM



#86
 p-Isopropyltoluene
 Concen: 13.11 ug/l
 RT: 13.233 min Scan# 4304
 Delta R.T. -0.000 min
 Lab File: VN066278.D
 Acq: 19 Mar 2021 14:20

Tgt Ion:119 Resp: 130442
 Ion Ratio Lower Upper
 119 100
 134 27.7 13.1 39.1
 91 22.6 12.0 36.0





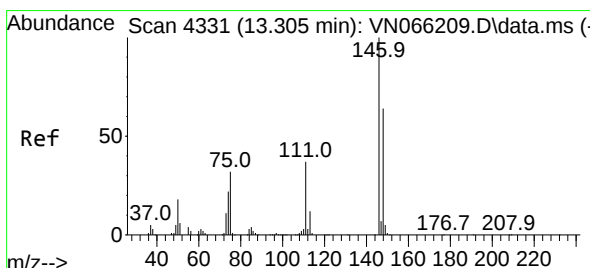
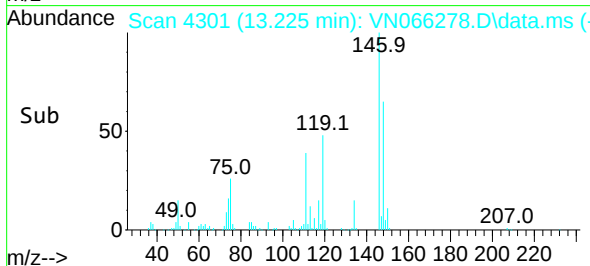
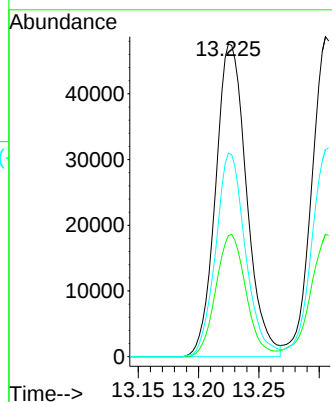
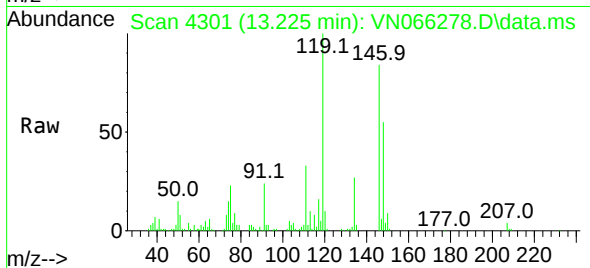
#87
1,3-Dichlorobenzene
Concen: 15.64 ug/l
RT: 13.225 min Scan# 4301
Delta R.T. -0.000 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

Tgt Ion:146 Resp: 85009
Ion Ratio Lower Upper
146 100
111 38.0 20.3 61.0
148 62.7 32.4 97.2

Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

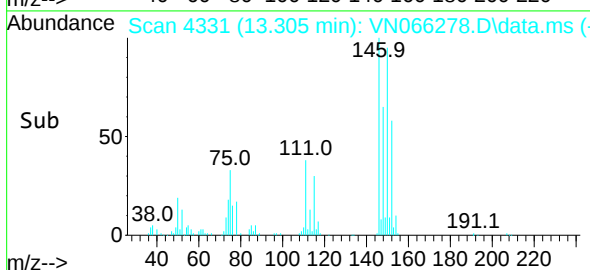
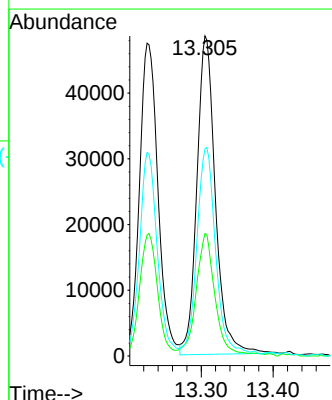
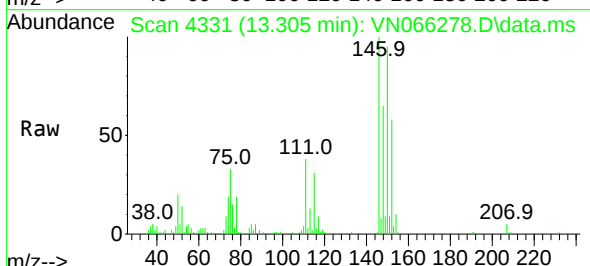
Manual Integrations
APPROVED

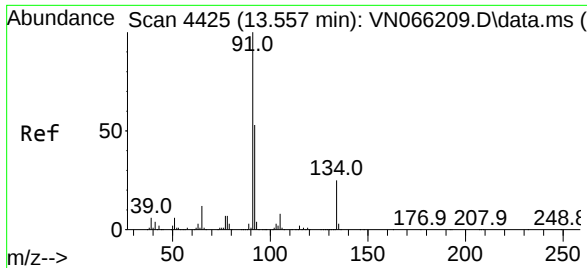
MMDadoda
3/22/2021 11:50:29 AM



#88
1,4-Dichlorobenzene
Concen: 15.31 ug/l
RT: 13.305 min Scan# 4331
Delta R.T. 0.000 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

Tgt Ion:146 Resp: 87137
Ion Ratio Lower Upper
146 100
111 37.3 19.9 59.7
148 64.0 33.2 99.6





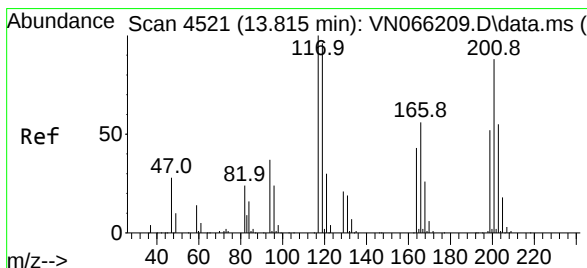
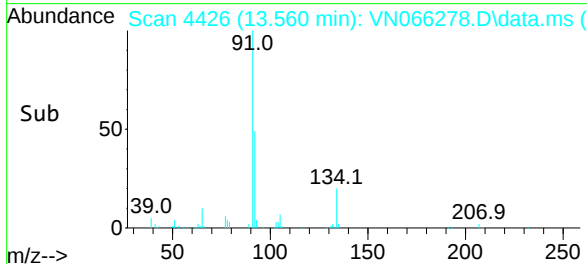
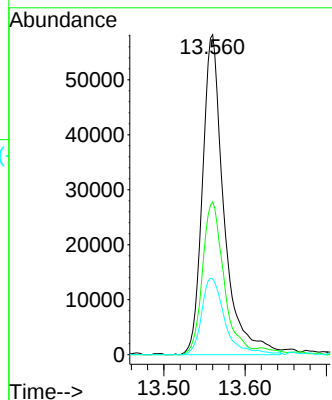
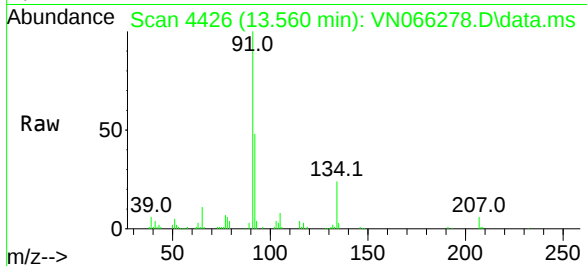
#89
n-Butylbenzene
Concen: 12.48 ug/l
RT: 13.560 min Scan# 4426
Delta R.T. 0.003 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

Tgt Ion: 91 Resp: 106948
Ion Ratio Lower Upper
91 100
92 47.8 25.7 77.0
134 24.9 11.8 35.4

Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

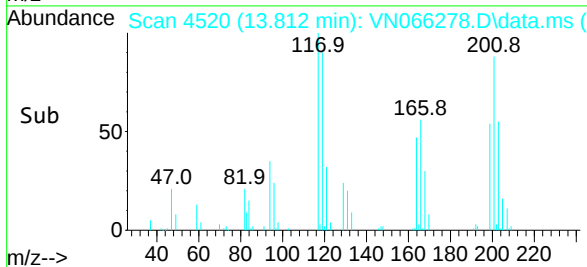
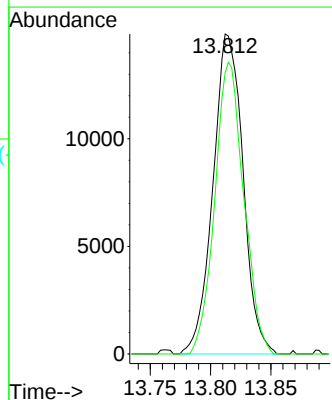
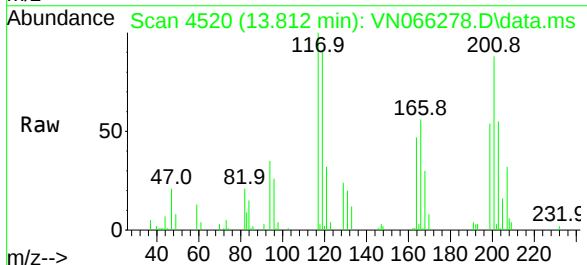
Manual Integrations
APPROVED

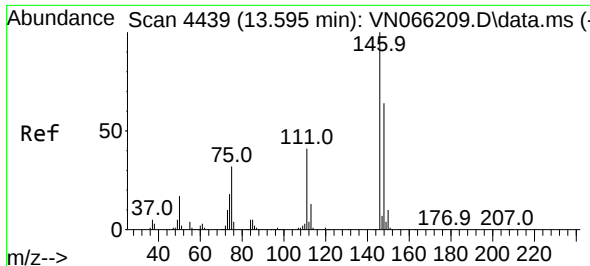
MMDadoda
3/22/2021 11:50:29 AM



#90
Hexachloroethane
Concen: 14.80 ug/l
RT: 13.812 min Scan# 4520
Delta R.T. -0.003 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

Tgt Ion: 117 Resp: 25783
Ion Ratio Lower Upper
117 100
201 87.8 42.5 127.5





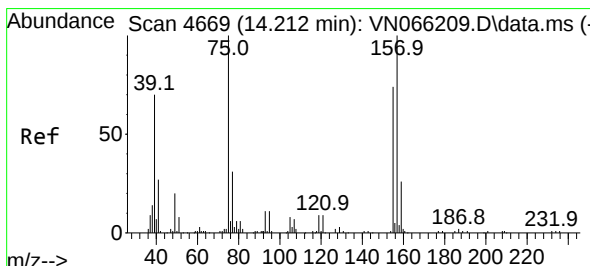
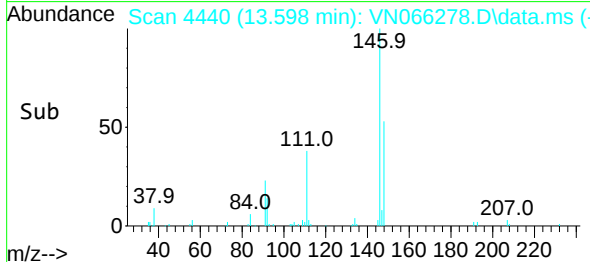
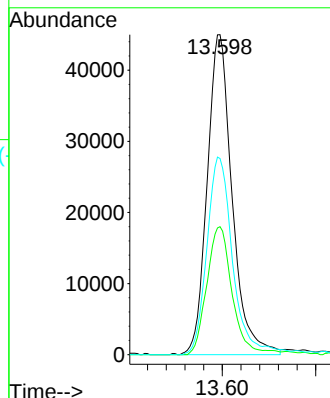
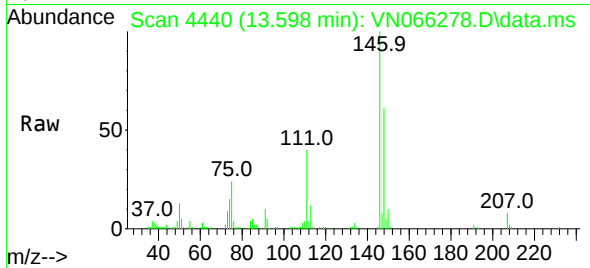
#91
1,2-Dichlorobenzene
Concen: 15.60 ug/l
RT: 13.598 min Scan# 4440
Delta R.T. 0.003 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

Tgt Ion:146 Resp: 83521
Ion Ratio Lower Upper
146 100
111 40.5 20.9 62.7
148 64.0 31.2 93.6

Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

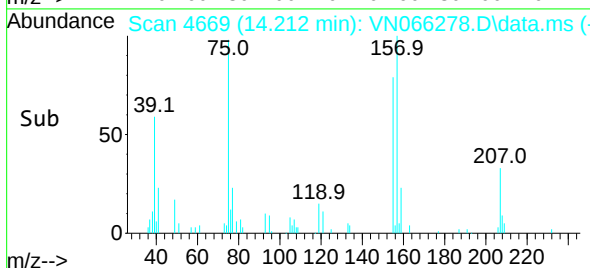
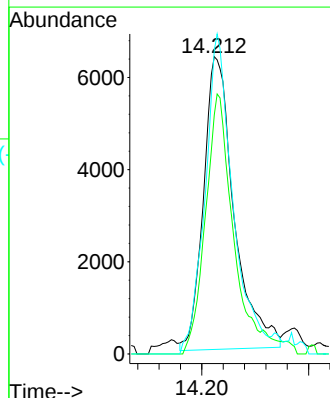
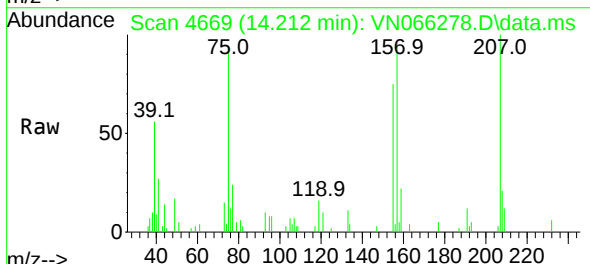
Manual Integrations
APPROVED

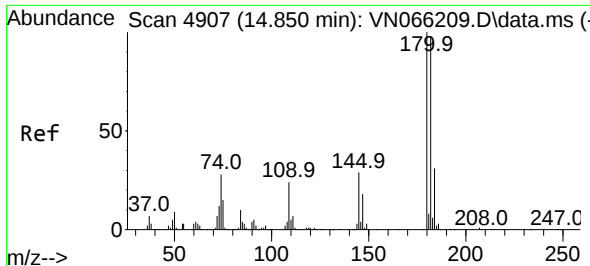
MMDadoda
3/22/2021 11:50:29 AM



#92
1,2-Dibromo-3-Chloropropane
Concen: 13.88 ug/l
RT: 14.212 min Scan# 4669
Delta R.T. -0.000 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

Tgt Ion: 75 Resp: 12652
Ion Ratio Lower Upper
75 100
155 83.0 36.5 109.7
157 99.5 46.3 138.8





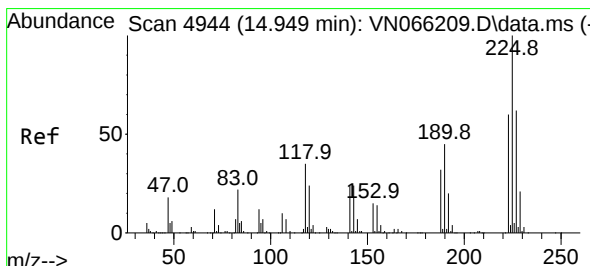
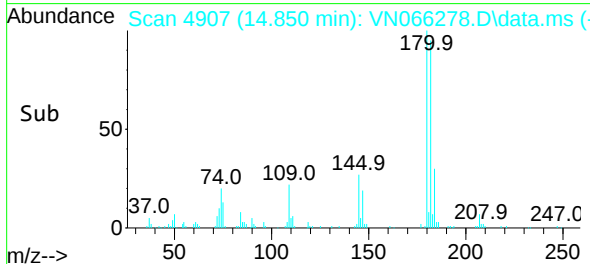
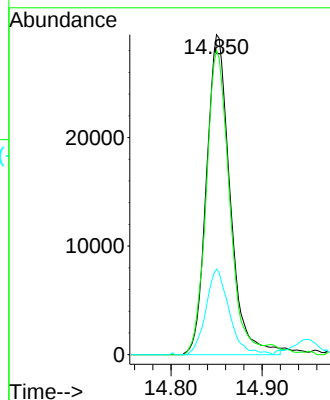
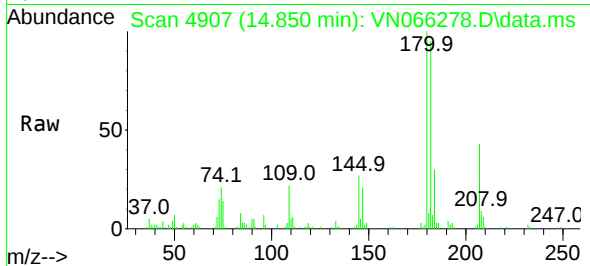
#93
1,2,4-Trichlorobenzene
Concen: 15.13 ug/l
RT: 14.850 min Scan# 4907
Delta R.T. 0.000 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

Tgt Ion:180 Resp: 52930
Ion Ratio Lower Upper
180 100
182 93.4 47.4 142.2
145 26.4 14.1 42.3

Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

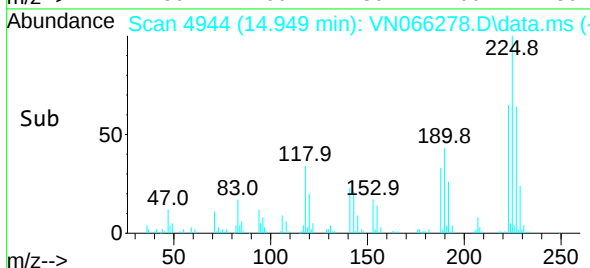
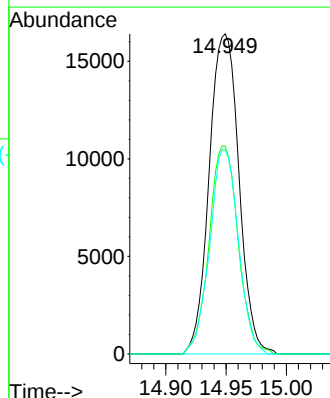
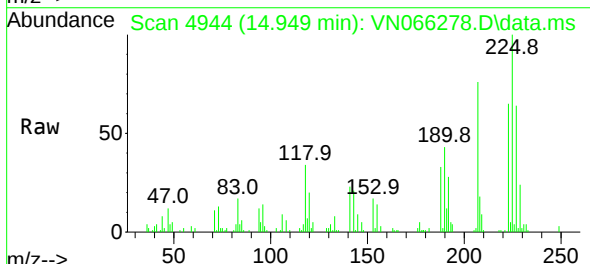
Manual Integrations
APPROVED

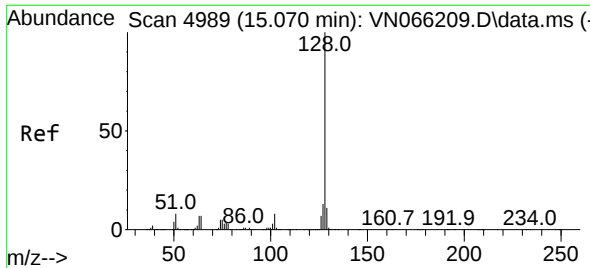
MMDadoda
3/22/2021 11:50:29 AM



#94
Hexachlorobutadiene
Concen: 16.55 ug/l
RT: 14.949 min Scan# 4944
Delta R.T. 0.000 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

Tgt Ion:225 Resp: 28147
Ion Ratio Lower Upper
225 100
223 63.4 31.3 93.8
227 61.6 31.9 95.7





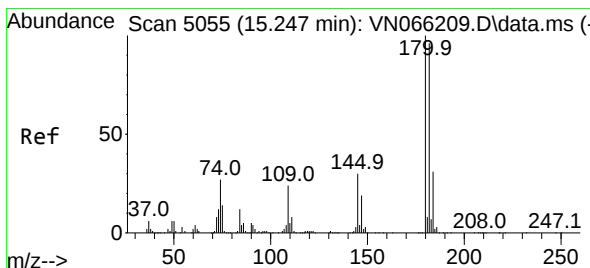
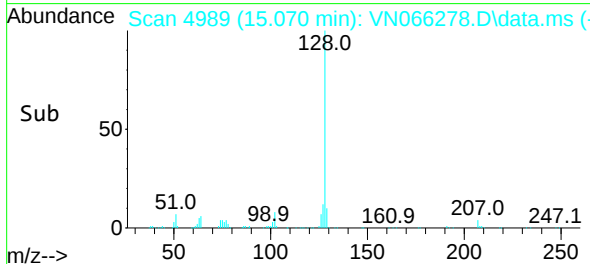
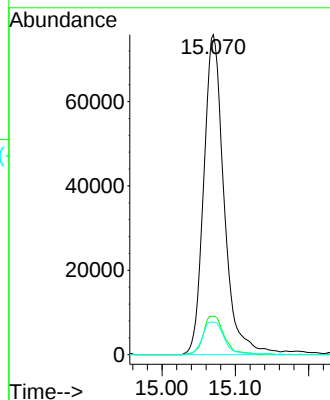
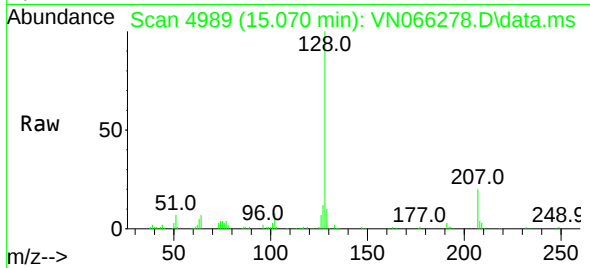
#95
Naphthalene
Concen: 14.30 ug/l
RT: 15.070 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.3	15.5
129	10.9	8.4	12.6

Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

Manual Integrations
APPROVED

MMDadoda
3/22/2021 11:50:29 AM



#96
1,2,3-Trichlorobenzene
Concen: 15.15 ug/l
RT: 15.250 min Scan# 5056
Delta R.T. 0.003 min
Lab File: VN066278.D
Acq: 19 Mar 2021 14:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.9	143.8
145	29.6	15.6	46.8

