

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021521\
 Data File : VN065871.D
 Acq On : 15 Feb 2021 16:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/16/2021 3:08:08 PM

Quant Time: Feb 16 01:07:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 15 10:57:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.621	168	219602	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	380120	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	341917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	153417	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.988	65	122548	42.42	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	84.84%		
35) Dibromofluoromethane	7.547	113	112847	50.10	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.20%		
50) Toluene-d8	10.055	98	432207	48.81	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.62%		
62) 4-Bromofluorobenzene	12.373	95	167282	52.46	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	104.92%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.833	85	121039	49.21	ug/l	98
3) Chloromethane	2.039	50	161282	44.62	ug/l	99
4) Vinyl Chloride	2.168	62	169374	46.27	ug/l	99
5) Bromomethane	2.528	94	106335	50.18	ug/l	98
6) Chloroethane	2.673	64	98248	46.40	ug/l	99
7) Trichlorofluoromethane	2.988	101	181472	47.42	ug/l	99
8) Diethyl Ether	3.377	74	84477	46.31	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.711	101	115622	49.79	ug/l	97
10) Methyl Iodide	3.901	142	177317	52.09	ug/l	95
11) Tert butyl alcohol	4.766	59	102684	189.75	ug/l	98
12) 1,1-Dichloroethene	3.689	96	121189	45.33	ug/l	98
13) Acrolein	3.566	56	112192	240.62	ug/l	99
14) Allyl chloride	4.267	41	199137	40.18	ug/l	91
15) Acrylonitrile	4.933	53	296964	210.64	ug/l	99
16) Acetone	3.779	43	268074	238.35	ug/l	94
17) Carbon Disulfide	3.997	76	338635	40.23	ug/l	99
18) Methyl Acetate	4.280	43	129165	40.98	ug/l	97
19) Methyl tert-butyl Ether	5.000	73	393319	44.07	ug/l	100
20) Methylene Chloride	4.492	84	142648	45.80	ug/l	98
21) trans-1,2-Dichloroethene	4.981	96	129274	45.50	ug/l	95
22) Diisopropyl ether	5.907	45	404573	39.94	ug/l	96
23) Vinyl Acetate	5.843	43	1603483	198.15	ug/l	98
24) 1,1-Dichloroethane	5.791	63	239208	44.30	ug/l	99
25) 2-Butanone	6.791	43	373139	211.58	ug/l	99
26) 2,2-Dichloropropane	6.772	77	184662	42.73	ug/l	99
27) cis-1,2-Dichloroethene	6.779	96	150917	46.36	ug/l	98
28) Bromochloromethane	7.148	49	101535	44.75	ug/l	95
29) Tetrahydrofuran	7.174	42	238980	186.83	ug/l	97
30) Chloroform	7.328	83	224728	45.18	ug/l	99
31) Cyclohexane	7.608	56	221891	40.84	ug/l	98
32) 1,1,1-Trichloroethane	7.524	97	182021	44.96	ug/l	100
36) 1,1-Dichloropropene	7.750	75	183137	47.88	ug/l	99
37) Ethyl Acetate	6.888	43	153635	41.86	ug/l	95
38) Carbon Tetrachloride	7.730	117	149610	47.51	ug/l	99
39) Methylcyclohexane	9.042	83	216843	46.46	ug/l	100
40) Benzene	8.000	78	564060	48.29	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021521\
 Data File : VN065871.D
 Acq On : 15 Feb 2021 16:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/16/2021 3:08:08 PM

Quant Time: Feb 16 01:07:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 15 10:57:01 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.123	41	77177	39.17	ug/l #	100
42) 1,2-Dichloroethane	8.084	62	162897	46.26	ug/l	97
43) Isopropyl Acetate	8.129	43	256289	39.39	ug/l	94
44) Trichloroethene	8.798	130	144039	50.82	ug/l	97
45) 1,2-Dichloropropane	9.081	63	150330	46.77	ug/l	99
46) Dibromomethane	9.171	93	87430	49.24	ug/l	94
47) Bromodichloromethane	9.367	83	172967	45.41	ug/l	100
48) Methyl methacrylate	9.164	41	123126	39.89	ug/l	92
49) 1,4-Dioxane	9.168	88	46260	926.09	ug/l	96
51) 4-Methyl-2-Pentanone	9.952	43	751901	209.60	ug/l	95
52) Toluene	10.122	92	350472	50.65	ug/l	97
53) t-1,3-Dichloropropene	10.348	75	206156	46.48	ug/l	97
54) cis-1,3-Dichloropropene	9.804	75	234768	47.51	ug/l	93
55) 1,1,2-Trichloroethane	10.531	97	131925	49.99	ug/l	97
56) Ethyl methacrylate	10.399	69	206184	47.24	ug/l #	90
57) 1,3-Dichloropropane	10.676	76	230419	49.60	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.659	63	435650	216.13	ug/l	97
59) 2-Hexanone	10.721	43	555008	222.85	ug/l	93
60) Dibromochloromethane	10.872	129	131652	48.81	ug/l	100
61) 1,2-Dibromoethane	10.975	107	132507	50.37	ug/l	99
64) Tetrachloroethene	10.598	164	135068	47.14	ug/l	98
65) Chlorobenzene	11.402	112	373196	52.17	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.479	131	124301	49.16	ug/l	99
67) Ethyl Benzene	11.479	91	658425	49.00	ug/l	99
68) m/p-Xylenes	11.592	106	505907	104.00	ug/l	100
69) o-Xylene	11.917	106	242171	51.37	ug/l	100
70) Styrene	11.933	104	410844	52.95	ug/l	98
71) Bromoform	12.097	173	82470	47.18	ug/l #	100
73) Isopropylbenzene	12.219	105	629837	46.89	ug/l	99
74) N-amyl acetate	12.039	43	225469	39.68	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.473	83	181298	45.70	ug/l	99
76) 1,2,3-Trichloropropane	12.524	75	180891m	45.09	ug/l	
77) Bromobenzene	12.495	156	146445	50.35	ug/l	86
78) n-propylbenzene	12.560	91	716803	45.28	ug/l	99
79) 2-Chlorotoluene	12.643	91	431514	45.90	ug/l	97
80) 1,3,5-Trimethylbenzene	12.701	105	527498	46.12	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.270	75	63241	40.38	ug/l	90
82) 4-Chlorotoluene	12.743	91	440326	45.88	ug/l	97
83) tert-Butylbenzene	12.965	119	433652	45.47	ug/l	97
84) 1,2,4-Trimethylbenzene	13.010	105	533390	46.76	ug/l	99
85) sec-Butylbenzene	13.142	105	577233	44.83	ug/l	98
86) p-Isopropyltoluene	13.257	119	523177	46.02	ug/l	98
87) 1,3-Dichlorobenzene	13.251	146	261017	50.34	ug/l	98
88) 1,4-Dichlorobenzene	13.335	146	254964	48.46	ug/l	98
89) n-Butylbenzene	13.585	91	448812	43.94	ug/l	99
90) Hexachloroethane	13.843	117	83309	41.88	ug/l	95
91) 1,2-Dichlorobenzene	13.621	146	252197	49.03	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.238	75	31232	39.67	ug/l	99
93) 1,2,4-Trichlorobenzene	14.878	180	136705	44.27	ug/l	99
94) Hexachlorobutadiene	14.978	225	59097	46.48	ug/l	99
95) Naphthalene	15.100	128	437141	44.40	ug/l	100
96) 1,2,3-Trichlorobenzene	15.280	180	133937	43.99	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021521\
Data File : VN065871.D
Acq On : 15 Feb 2021 16:50
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
2/16/2021 3:08:08 PM

Quant Time: Feb 16 01:07:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 15 10:57:01 2021
Response via : Initial Calibration

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

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

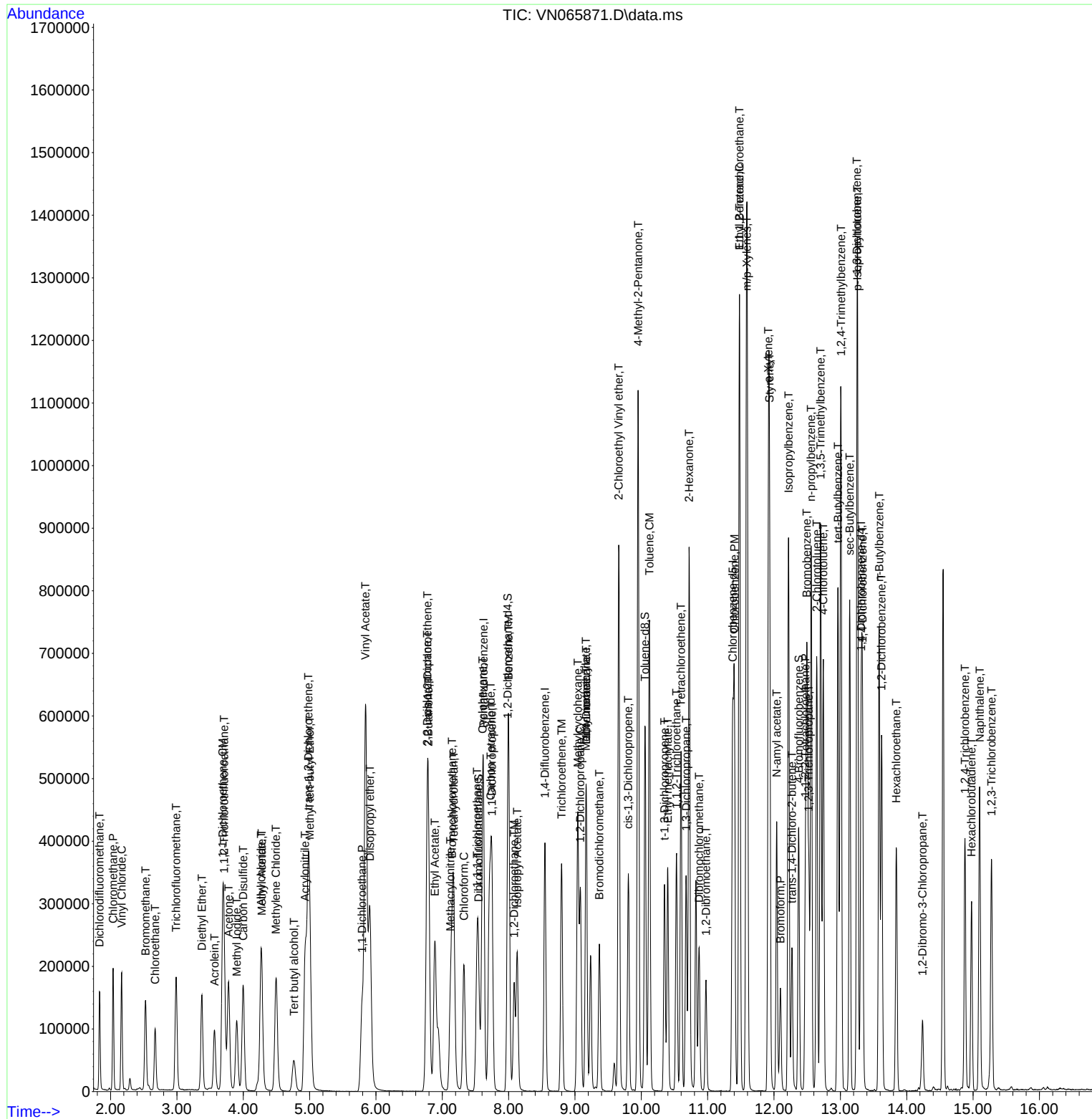
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021521\
 Data File : VN065871.D
 Acq On : 15 Feb 2021 16:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/16/2021 3:08:08 PM

Quant Time: Feb 16 01:07:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 15 10:57:01 2021
 Response via : Initial Calibration





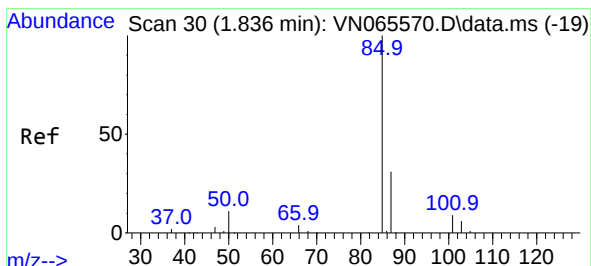
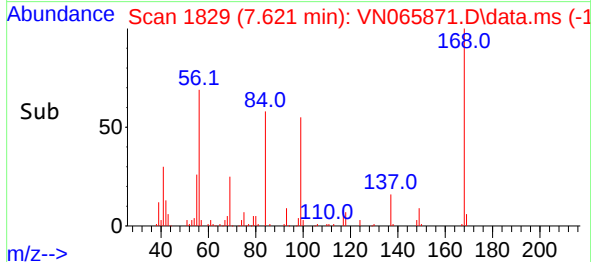
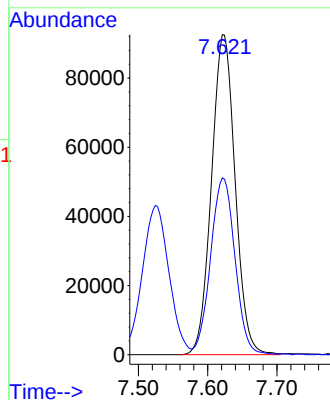
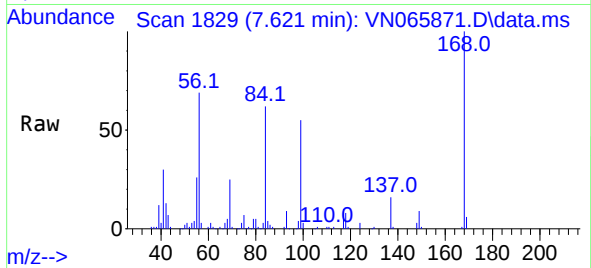
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.003 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

Tgt Ion: 168 Resp: 219602
Ion Ratio Lower Upper
168 100
99 55.0 42.6 63.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

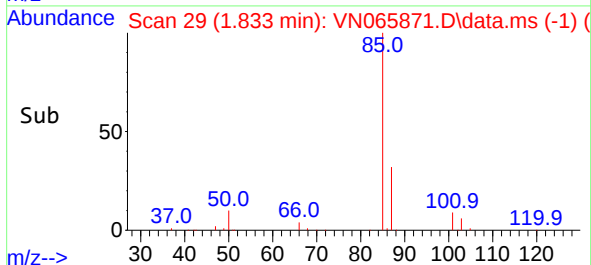
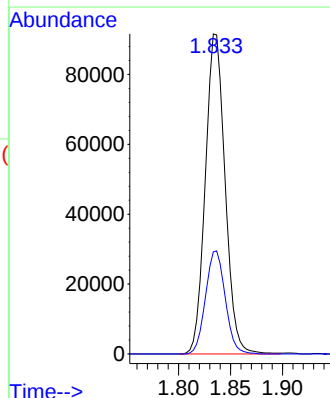
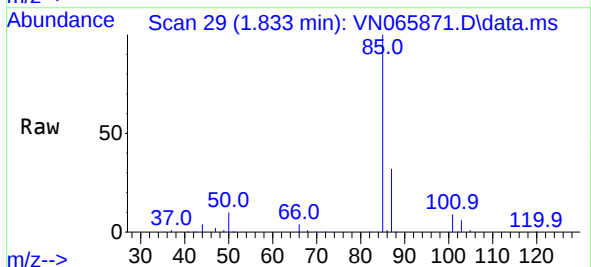
Manual Integrations
APPROVED

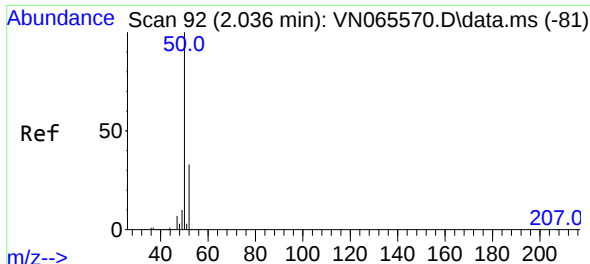
MMDadoda
2/16/2021 3:08:08 PM



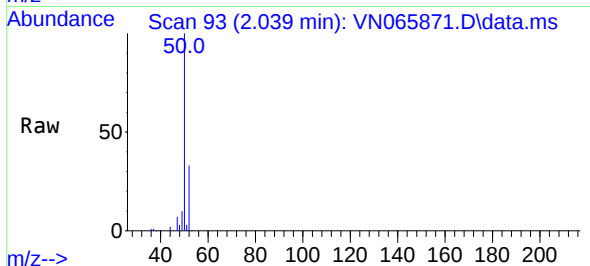
#2
Dichlorodifluoromethane
Concen: 49.21 ug/l
RT: 1.833 min Scan# 29
Delta R.T. -0.003 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

Tgt Ion: 85 Resp: 121039
Ion Ratio Lower Upper
85 100
87 31.9 16.6 49.8

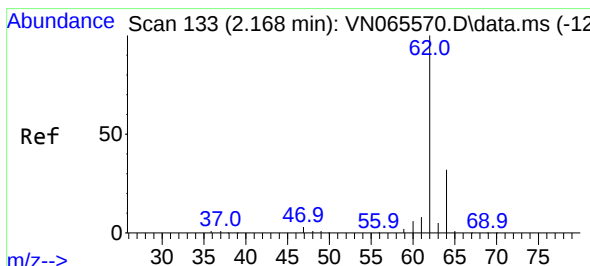
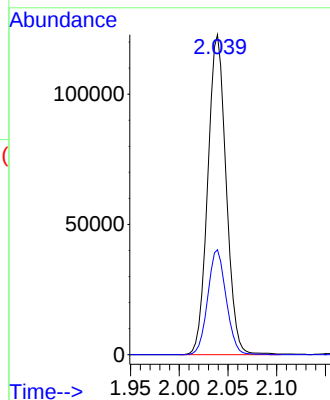
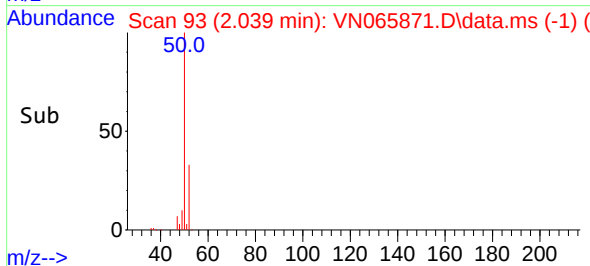




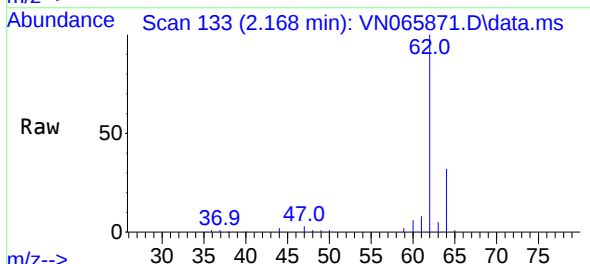
#3
Chloromethane
Concen: 44.62 ug/l
RT: 2.039 min Scan# 93
Delta R.T. 0.003 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50



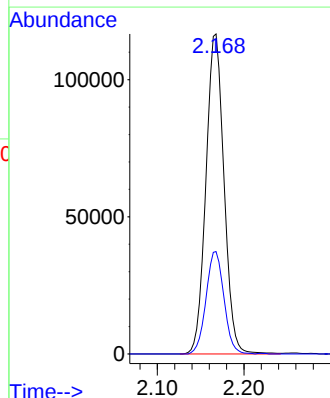
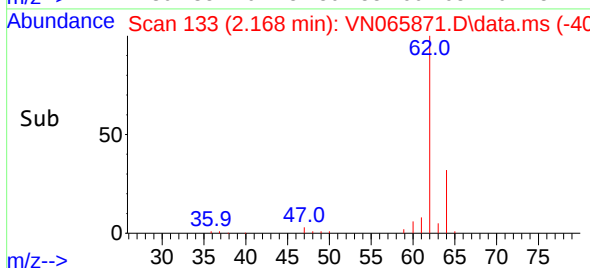
Tgt Ion: 50 Resp: 161282
Ion Ratio Lower Upper
50 100
52 32.8 25.8 38.8



#4
Vinyl Chloride
Concen: 46.27 ug/l
RT: 2.168 min Scan# 133
Delta R.T. -0.000 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50



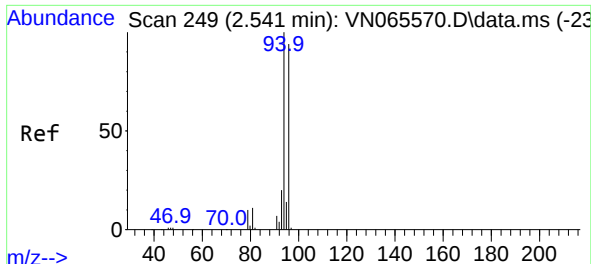
Tgt Ion: 62 Resp: 169374
Ion Ratio Lower Upper
62 100
64 32.0 25.1 37.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
2/16/2021 3:08:08 PM



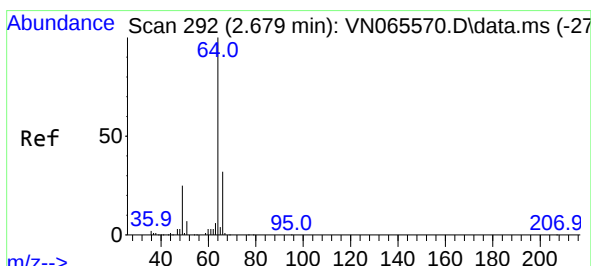
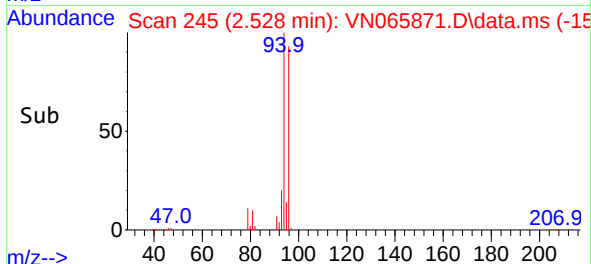
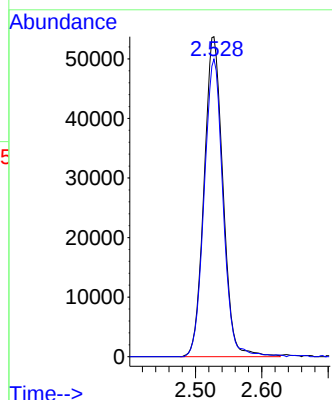
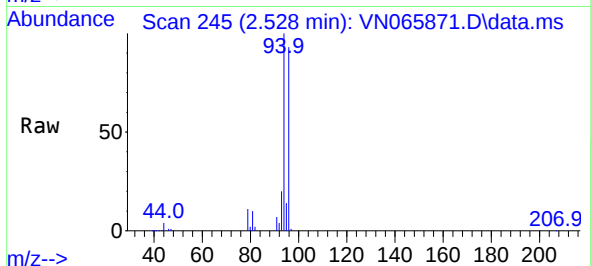
#5
Bromomethane
Concen: 50.18 ug/l
RT: 2.528 min Scan# 245
Delta R.T. -0.013 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

Tgt Ion: 94 Resp: 106335
Ion Ratio Lower Upper
94 100
96 93.0 73.0 109.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

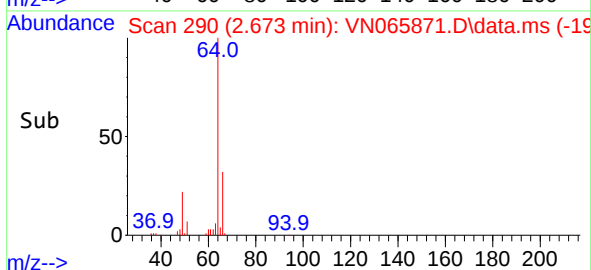
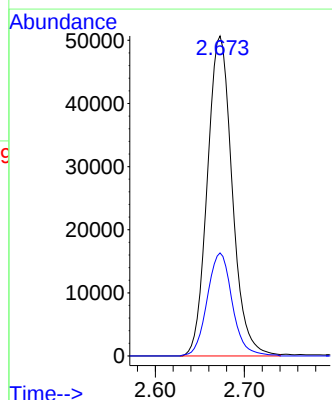
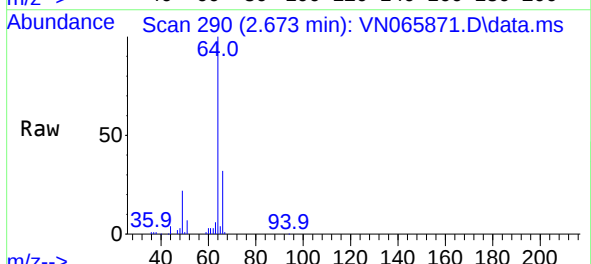
Manual Integrations
APPROVED

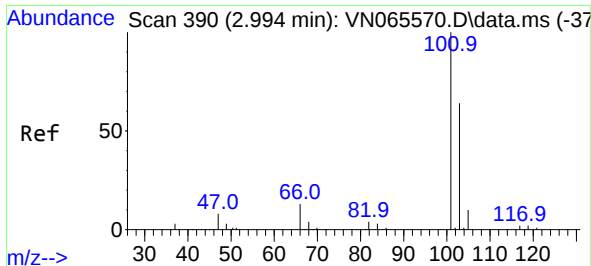
MMDadoda
2/16/2021 3:08:08 PM



#6
Chloroethane
Concen: 46.40 ug/l
RT: 2.673 min Scan# 290
Delta R.T. -0.006 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

Tgt Ion: 64 Resp: 98248
Ion Ratio Lower Upper
64 100
66 32.2 25.4 38.2





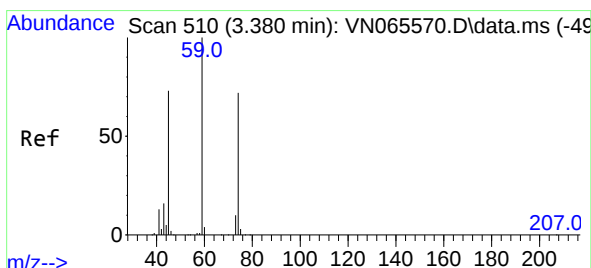
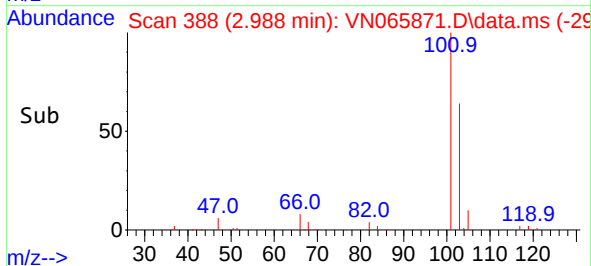
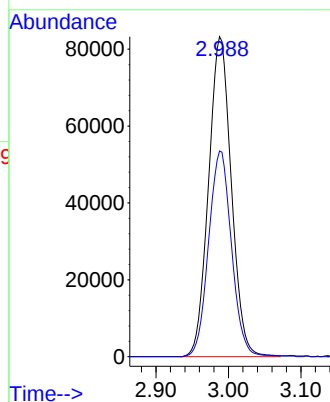
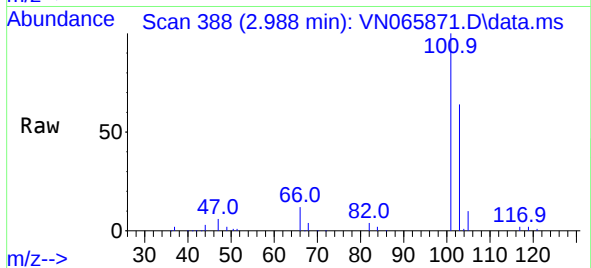
#7
Trichlorofluoromethane
Concen: 47.42 ug/l
RT: 2.988 min Scan# 388
Delta R.T. -0.006 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

Tgt Ion:101 Resp: 181472
Ion Ratio Lower Upper
101 100
103 64.3 52.1 78.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

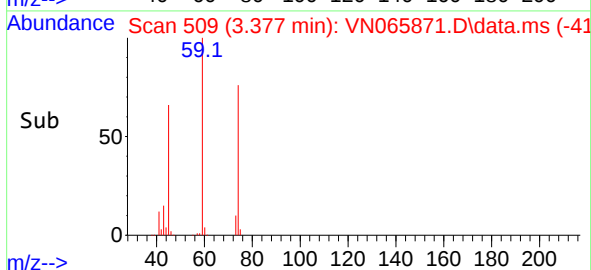
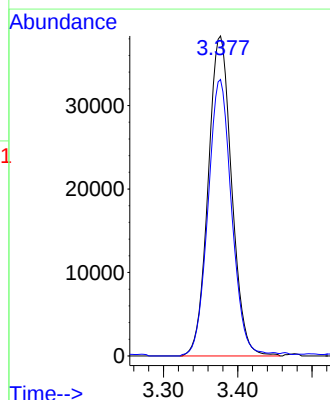
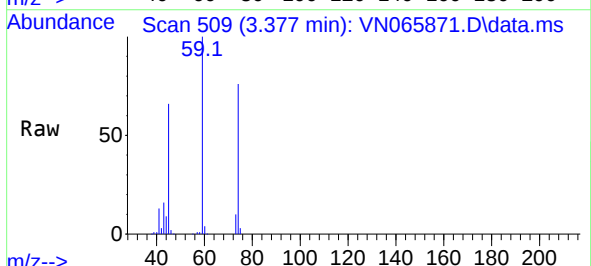
Manual Integrations
APPROVED

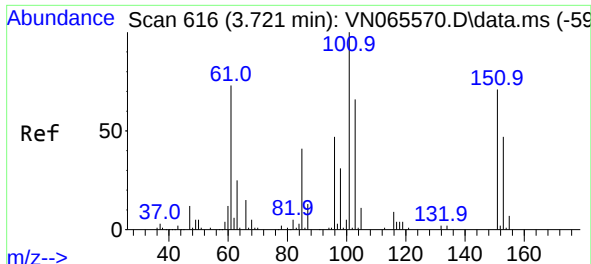
MMDadoda
2/16/2021 3:08:08 PM



#8
Diethyl Ether
Concen: 46.31 ug/l
RT: 3.377 min Scan# 509
Delta R.T. -0.003 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

Tgt Ion: 74 Resp: 84477
Ion Ratio Lower Upper
74 100
45 86.7 46.4 139.1





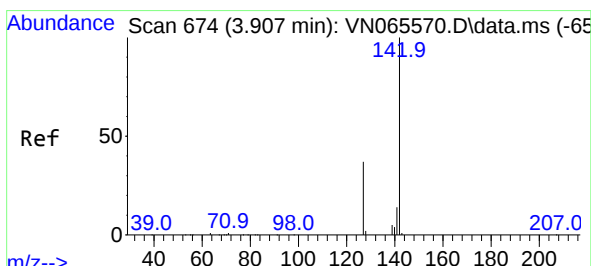
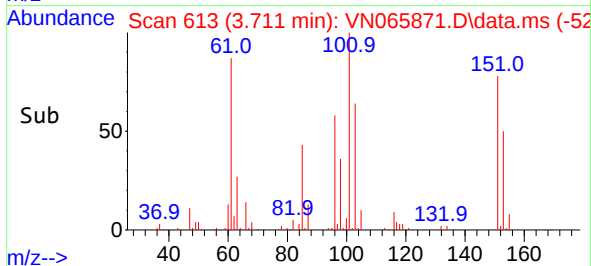
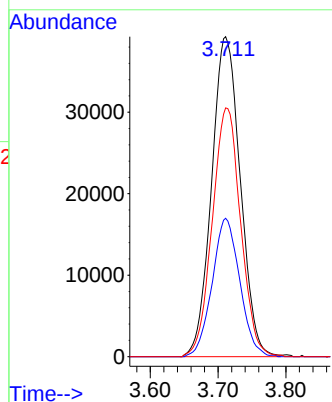
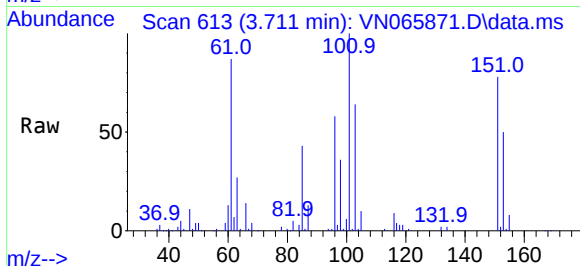
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.79 ug/l
RT: 3.711 min Scan# 613
Delta R.T. -0.010 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

Tgt Ion:101 Resp: 115622
Ion Ratio Lower Upper
101 100
85 41.6 34.6 51.8
151 76.8 63.5 95.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

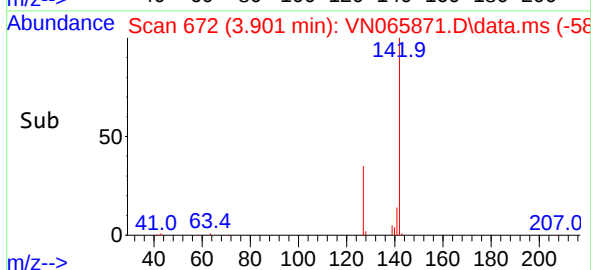
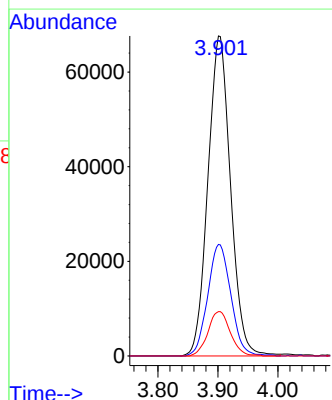
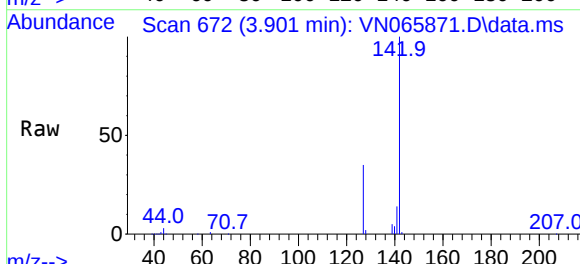
Manual Integrations
APPROVED

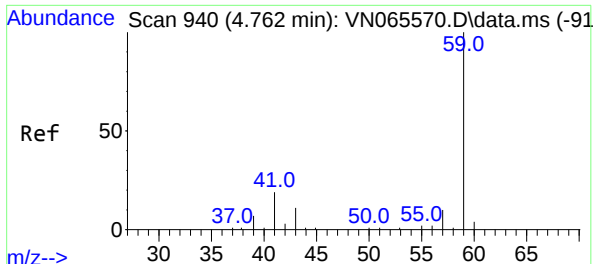
MMDadoda
2/16/2021 3:08:08 PM



#10
Methyl Iodide
Concen: 52.09 ug/l
RT: 3.901 min Scan# 672
Delta R.T. -0.006 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

Tgt Ion:142 Resp: 177317
Ion Ratio Lower Upper
142 100
127 35.6 31.7 47.5
141 13.8 10.9 16.3





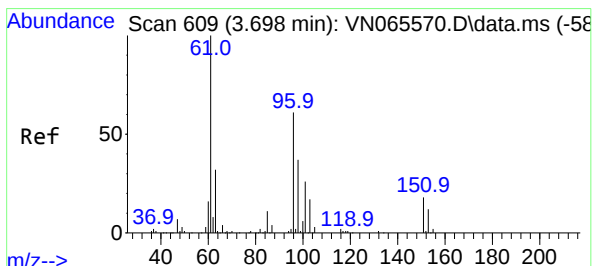
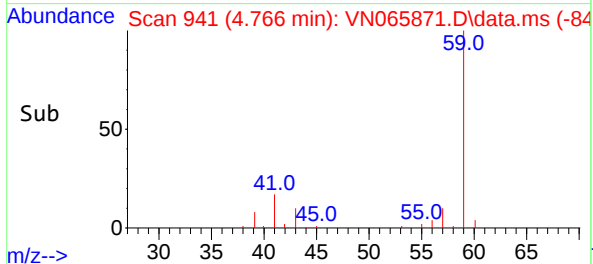
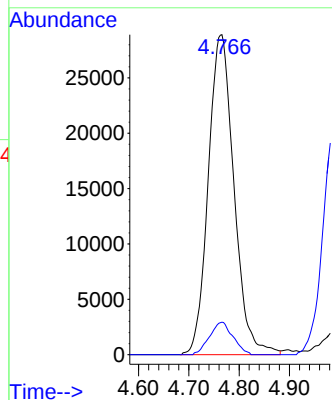
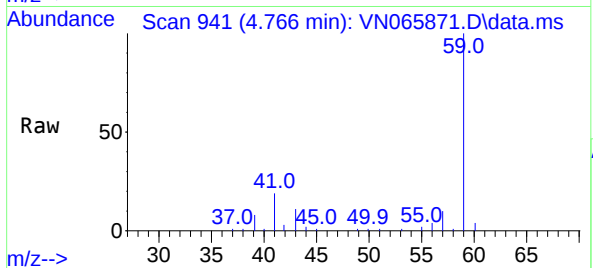
#11
Tert butyl alcohol
Concen: 189.75 ug/l
RT: 4.766 min Scan# 941
Delta R.T. 0.004 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

Tgt Ion: 59 Resp: 102684
Ion Ratio Lower Upper
59 100
57 9.3 8.0 12.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

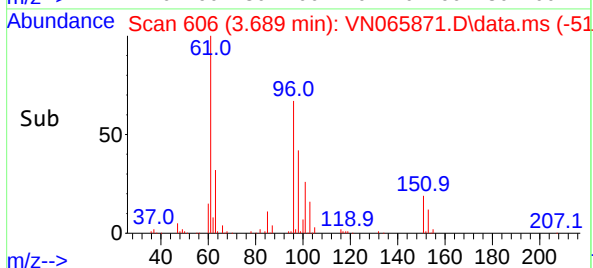
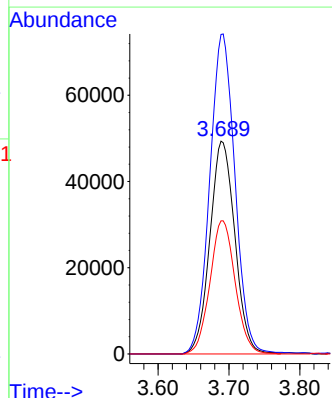
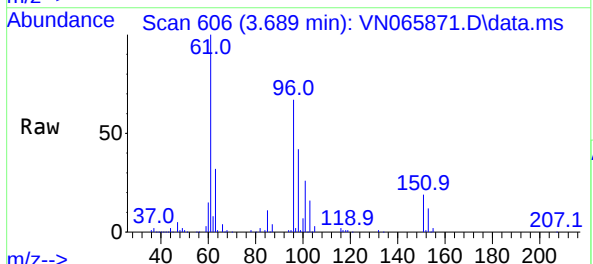
Manual Integrations
APPROVED

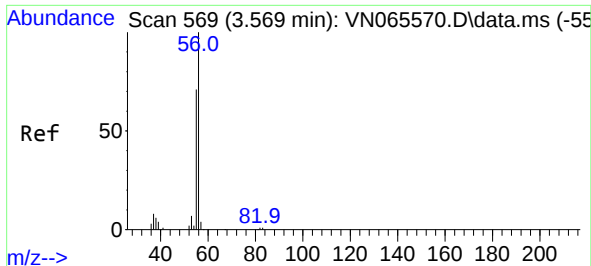
MMDadoda
2/16/2021 3:08:08 PM



#12
1,1-Dichloroethene
Concen: 45.33 ug/l
RT: 3.689 min Scan# 606
Delta R.T. -0.009 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

Tgt Ion: 96 Resp: 121189
Ion Ratio Lower Upper
96 100
61 150.2 122.5 183.7
98 62.6 50.8 76.2





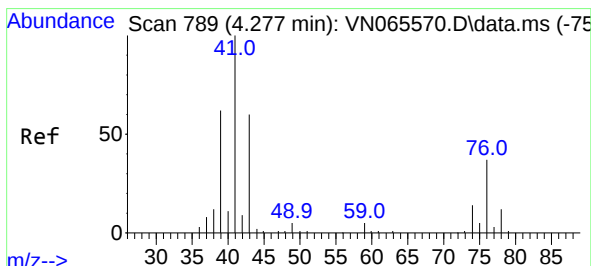
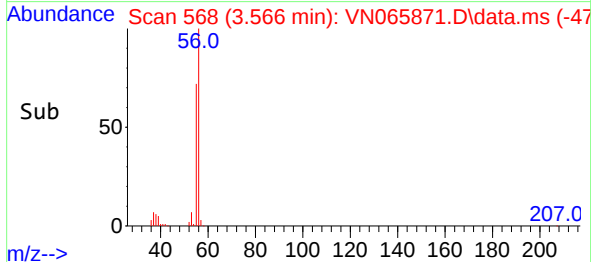
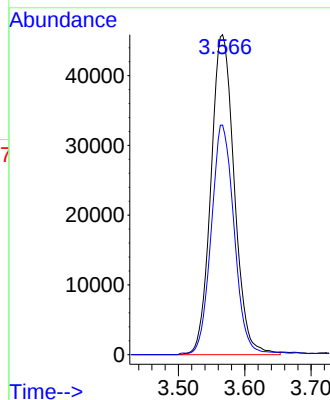
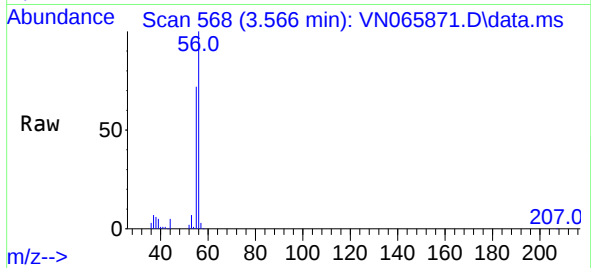
#13
Acrolein
Concen: 240.62 ug/l
RT: 3.566 min Scan# 568
Delta R.T. -0.003 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

Tgt Ion: 56 Resp: 112192
Ion Ratio Lower Upper
56 100
55 69.0 56.0 84.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

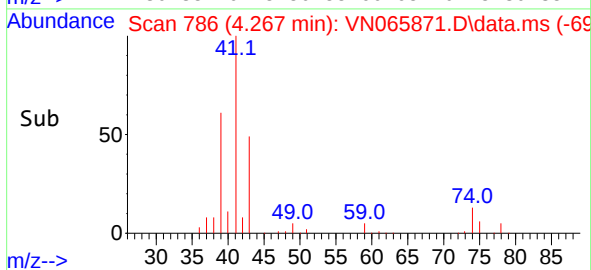
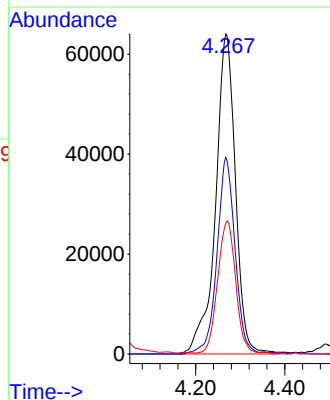
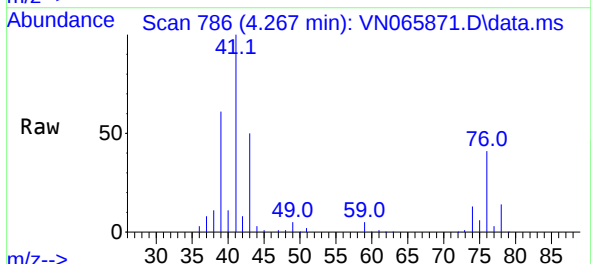
Manual Integrations
APPROVED

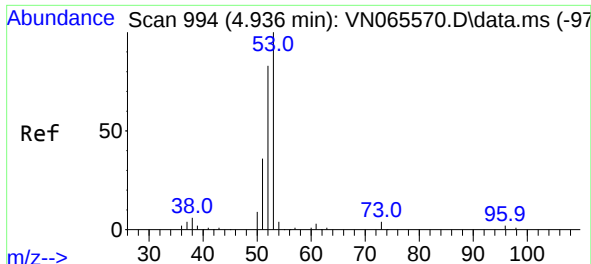
MMDadoda
2/16/2021 3:08:08 PM



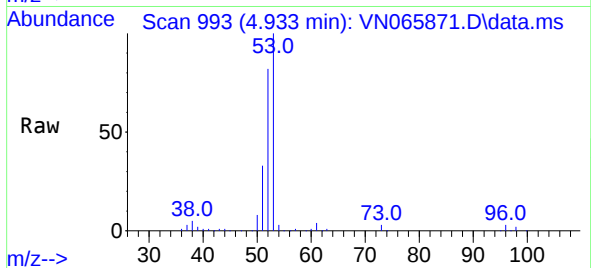
#14
Allyl chloride
Concen: 40.18 ug/l
RT: 4.267 min Scan# 786
Delta R.T. -0.010 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

Tgt Ion: 41 Resp: 199137
Ion Ratio Lower Upper
41 100
39 55.6 53.0 79.4
76 37.1 28.9 43.3

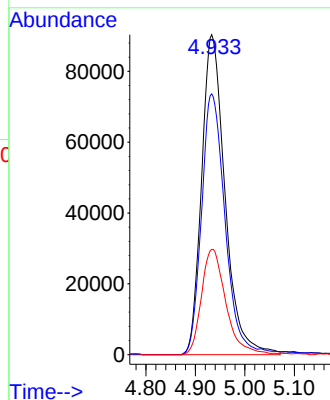
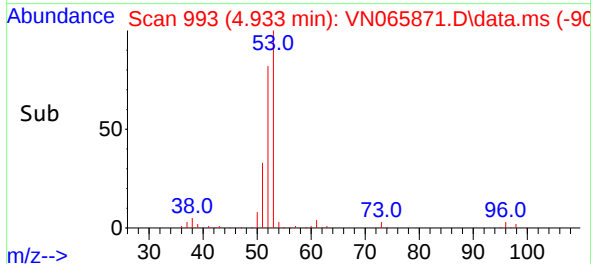




#15
Acrylonitrile
Concen: 210.64 ug/l
RT: 4.933 min Scan# 993
Delta R.T. -0.003 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50



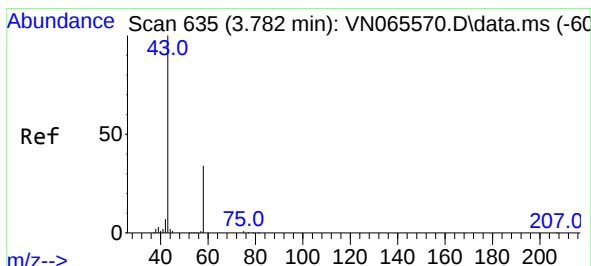
Tgt Ion: 53 Resp: 296964
Ion Ratio Lower Upper
53 100
52 81.0 66.1 99.1
51 34.4 27.9 41.9



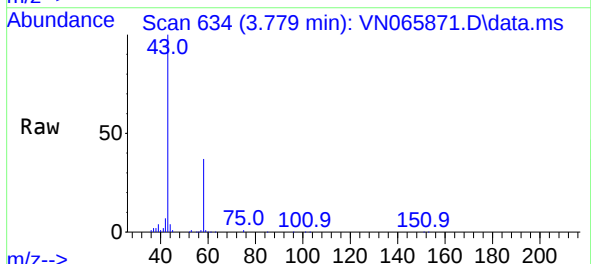
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

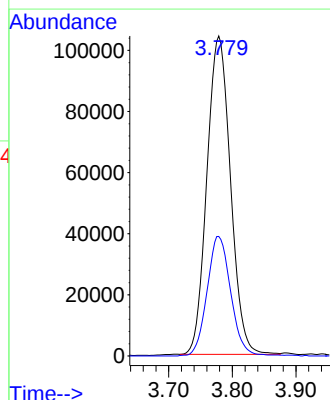
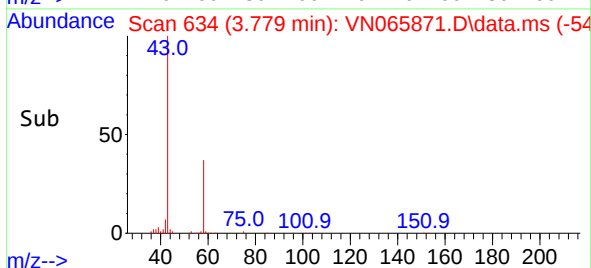
MMDadoda
2/16/2021 3:08:08 PM

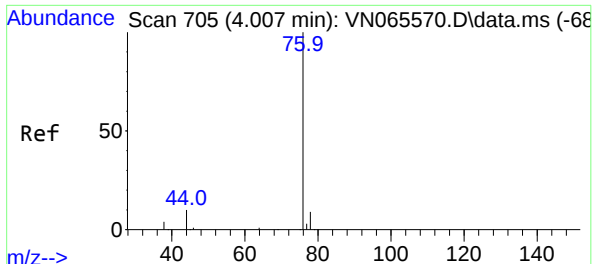


#16
Acetone
Concen: 238.35 ug/l
RT: 3.779 min Scan# 634
Delta R.T. -0.003 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50



Tgt Ion: 43 Resp: 268074
Ion Ratio Lower Upper
43 100
58 37.4 27.0 40.6





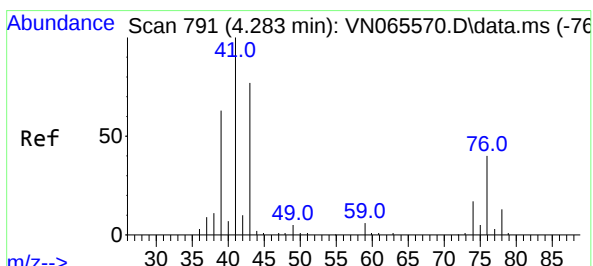
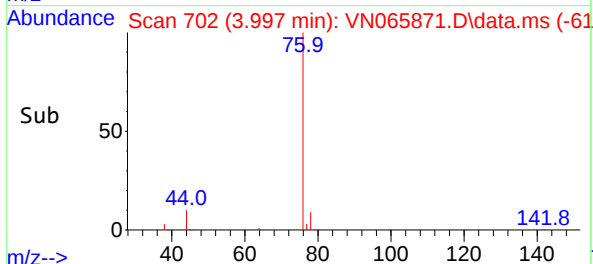
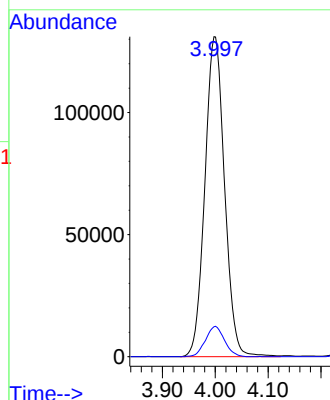
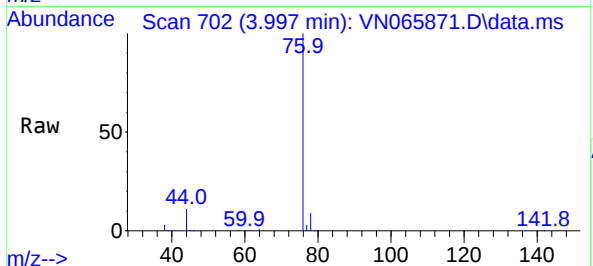
#17
Carbon Disulfide
Concen: 40.23 ug/l
RT: 3.997 min Scan# 702
Delta R.T. -0.010 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

Tgt Ion: 76 Resp: 338635
Ion Ratio Lower Upper
76 100
78 9.3 7.8 11.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

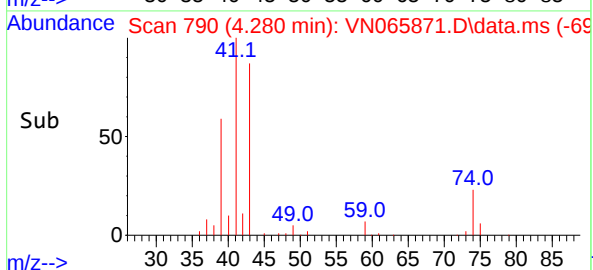
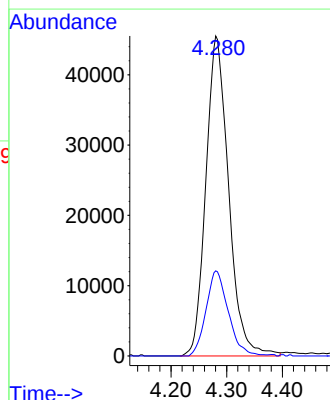
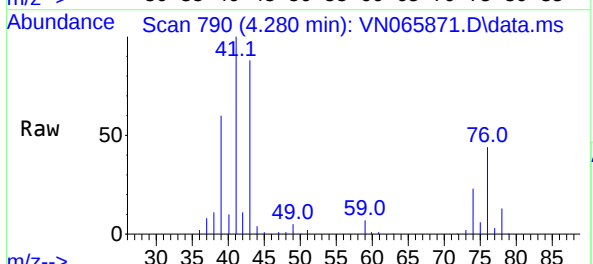
Manual Integrations
APPROVED

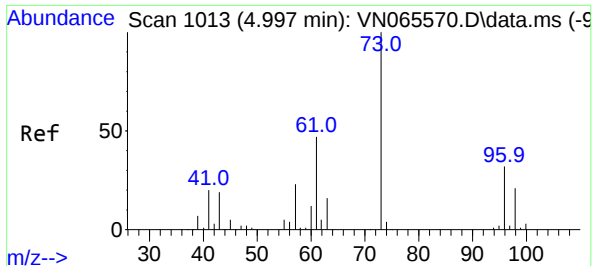
MMDadoda
2/16/2021 3:08:08 PM



#18
Methyl Acetate
Concen: 40.98 ug/l
RT: 4.280 min Scan# 790
Delta R.T. -0.003 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

Tgt Ion: 43 Resp: 129165
Ion Ratio Lower Upper
43 100
74 26.0 19.5 29.3





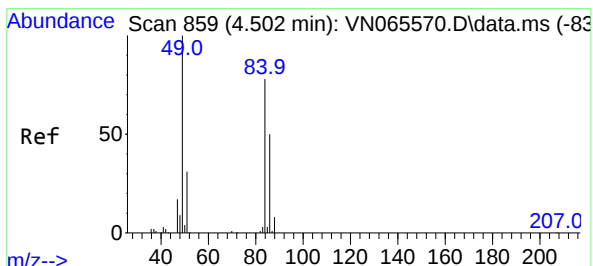
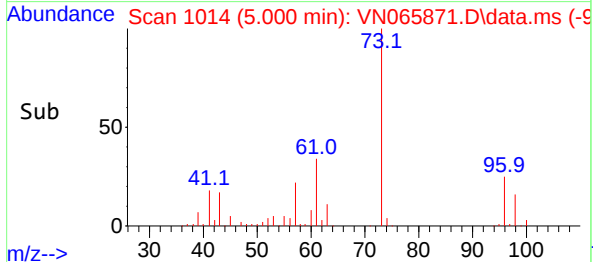
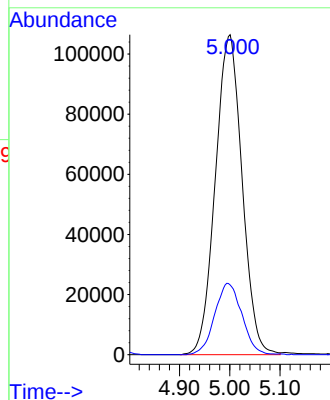
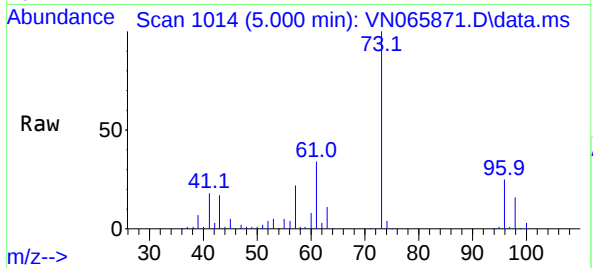
#19
Methyl tert-butyl Ether
Concen: 44.07 ug/l
RT: 5.000 min Scan# 1014
Delta R.T. 0.003 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

Tgt Ion: 73 Resp: 393319
Ion Ratio Lower Upper
73 100
57 21.8 17.3 25.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

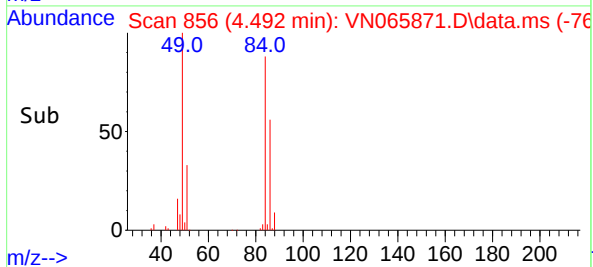
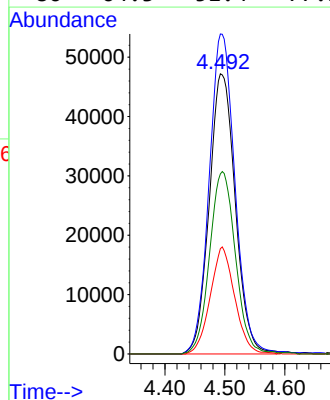
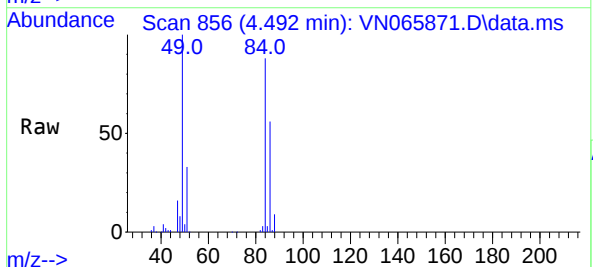
Manual Integrations
APPROVED

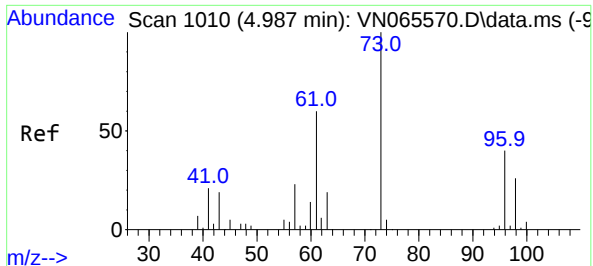
MMDadoda
2/16/2021 3:08:08 PM



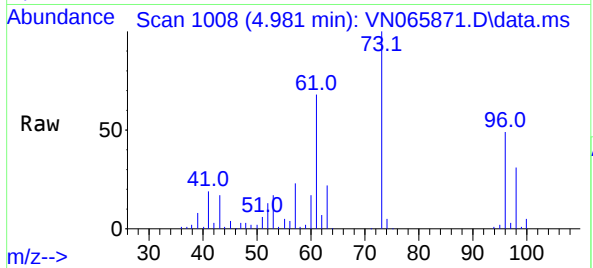
#20
Methylene Chloride
Concen: 45.80 ug/l
RT: 4.492 min Scan# 856
Delta R.T. -0.010 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

Tgt Ion: 84 Resp: 142648
Ion Ratio Lower Upper
84 100
49 114.2 94.6 141.8
51 37.6 29.9 44.9
86 64.3 51.4 77.2



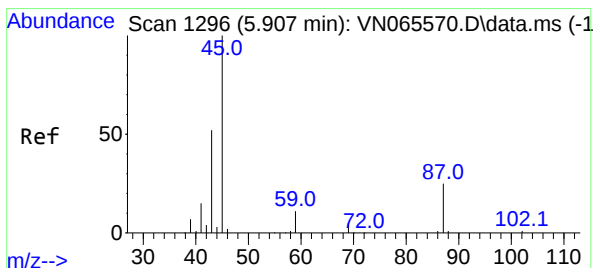
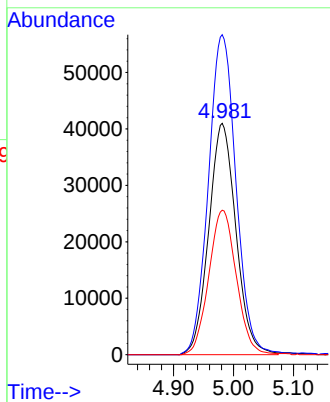
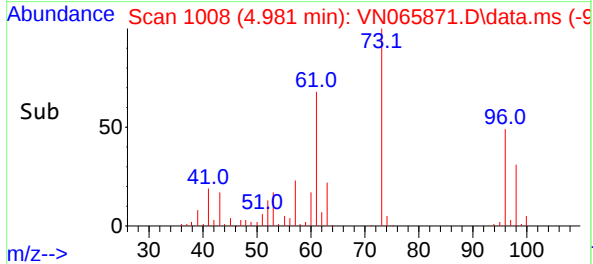


#21
trans-1,2-Dichloroethene
Concen: 45.50 ug/l
RT: 4.981 min Scan# 1008
Delta R.T. -0.006 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

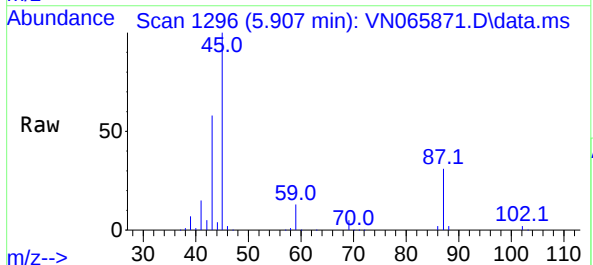


Tgt Ion: 96 Resp: 129274

Ion	Ratio	Lower	Upper
96	100		
61	138.3	104.9	157.3
98	62.4	51.8	77.8

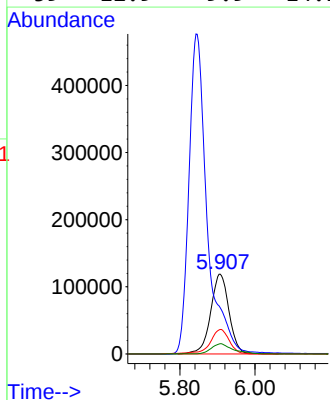
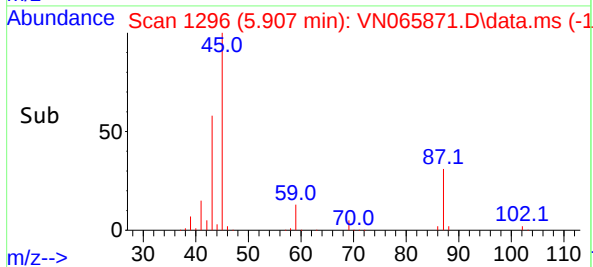


#22
Diisopropyl ether
Concen: 39.94 ug/l
RT: 5.907 min Scan# 1296
Delta R.T. 0.000 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50



Tgt Ion: 45 Resp: 404573

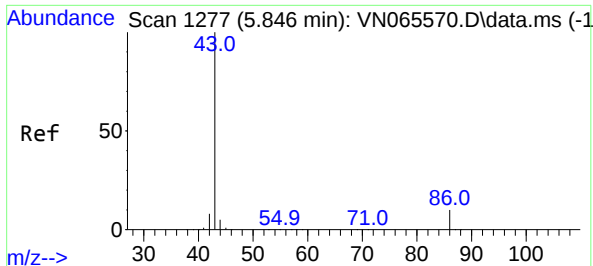
Ion	Ratio	Lower	Upper
45	100		
43	56.8	48.9	73.3
87	30.7	23.7	35.5
59	12.9	9.9	14.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
2/16/2021 3:08:08 PM



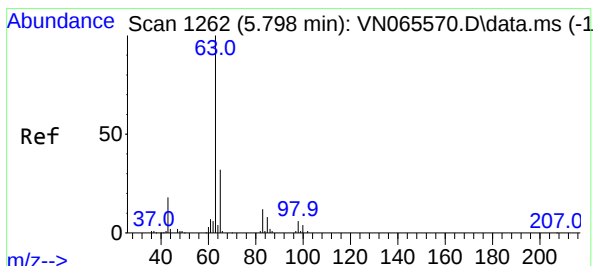
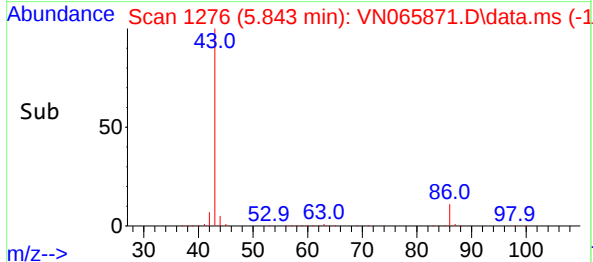
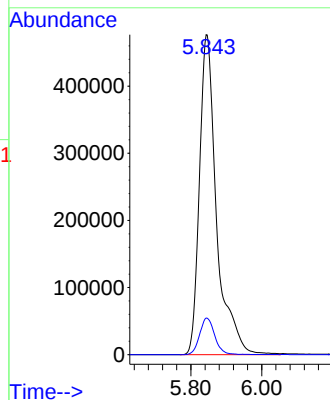
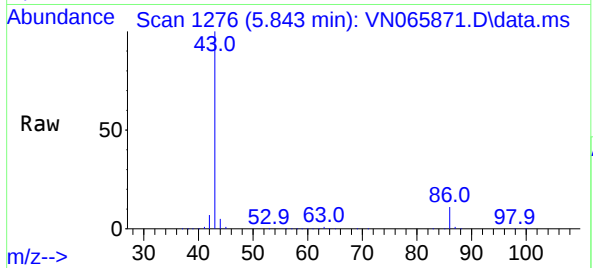
#23
 Vinyl Acetate
 Concen: 198.15 ug/l
 RT: 5.843 min Scan# 1276
 Delta R.T. -0.003 min
 Lab File: VN065871.D
 Acq: 15 Feb 2021 16:50

Tgt Ion: 43 Resp: 1603483
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.6 13.0

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

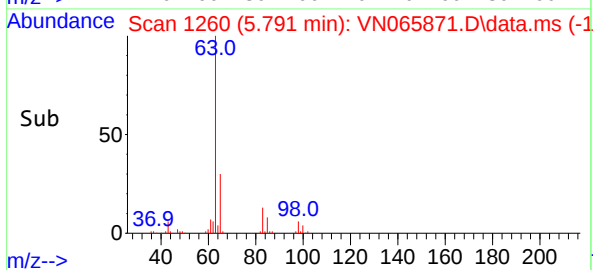
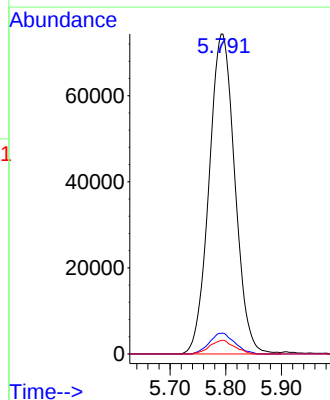
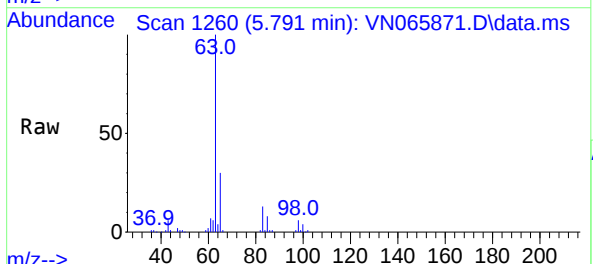
Manual Integrations
 APPROVED

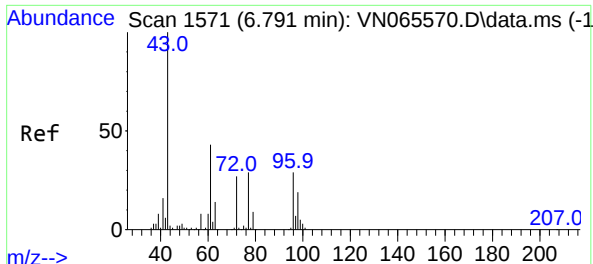
MMDadoda
 2/16/2021 3:08:08 PM



#24
 1,1-Dichloroethane
 Concen: 44.30 ug/l
 RT: 5.791 min Scan# 1260
 Delta R.T. -0.007 min
 Lab File: VN065871.D
 Acq: 15 Feb 2021 16:50

Tgt Ion: 63 Resp: 239208
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.4
 100 4.2 2.3 6.9





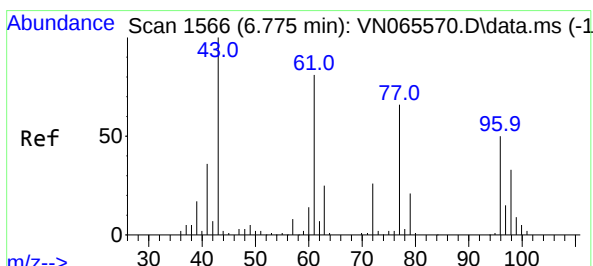
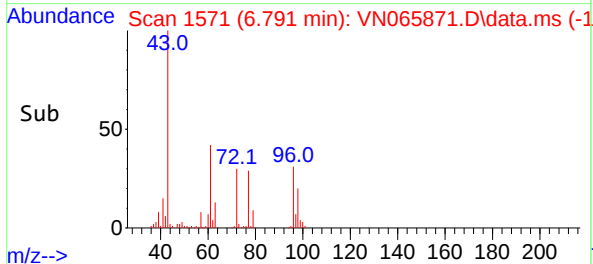
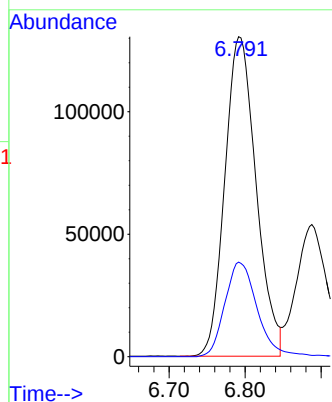
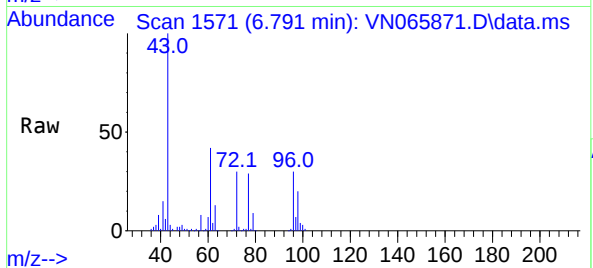
#25
2-Butanone
Concen: 211.58 ug/l
RT: 6.791 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

Tgt Ion: 43 Resp: 373139
Ion Ratio Lower Upper
43 100
72 29.6 23.1 34.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

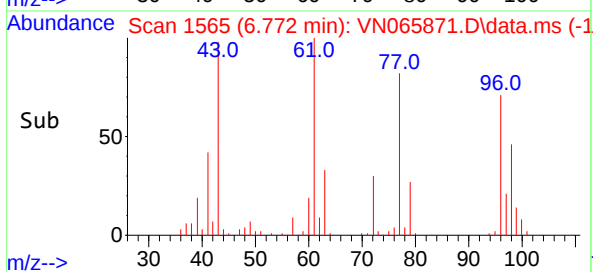
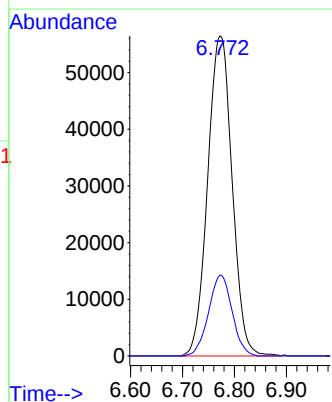
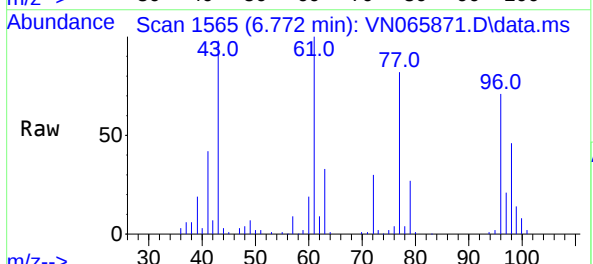
Manual Integrations
APPROVED

MMDadoda
2/16/2021 3:08:08 PM



#26
2,2-Dichloropropane
Concen: 42.73 ug/l
RT: 6.772 min Scan# 1565
Delta R.T. -0.003 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

Tgt Ion: 77 Resp: 184662
Ion Ratio Lower Upper
77 100
97 24.4 11.9 35.9





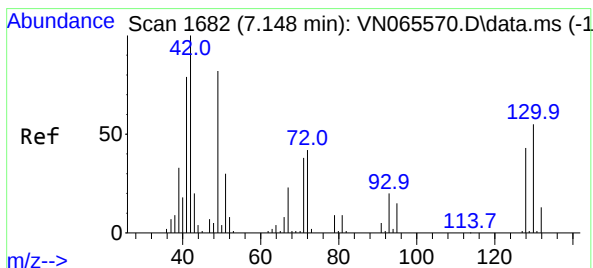
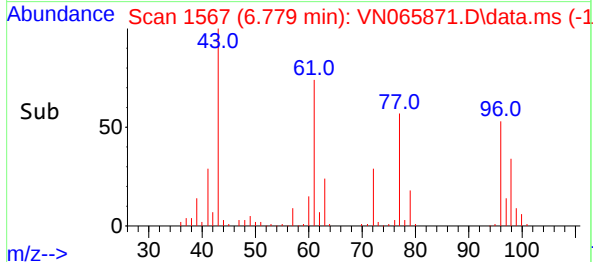
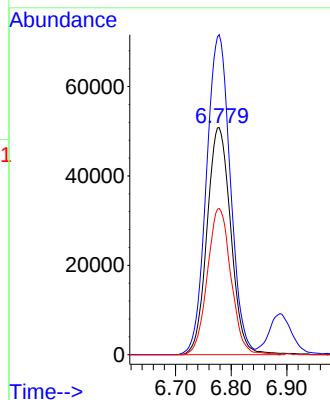
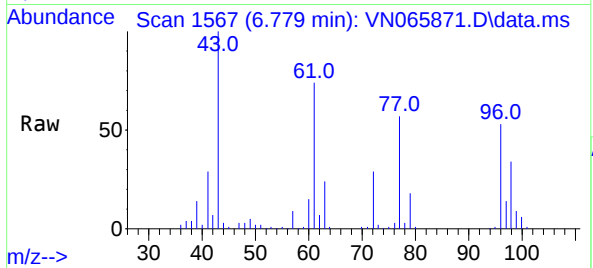
#27
cis-1,2-Dichloroethene
Concen: 46.36 ug/l
RT: 6.779 min Scan# 1567
Delta R.T. -0.003 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

Tgt Ion: 96 Resp: 150917
Ion Ratio Lower Upper
96 100
61 141.4 0.0 276.8
98 63.9 0.0 129.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

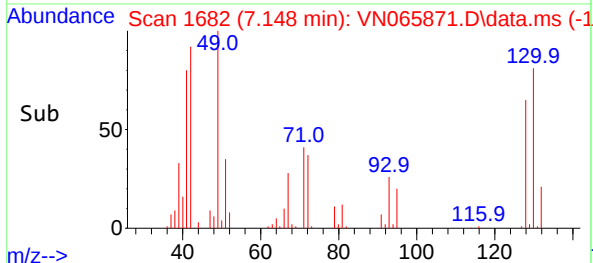
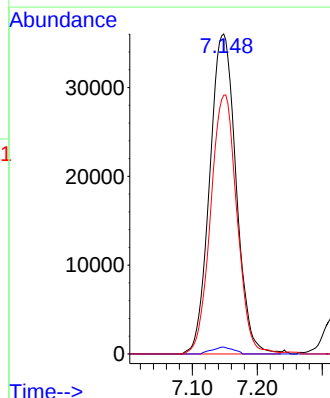
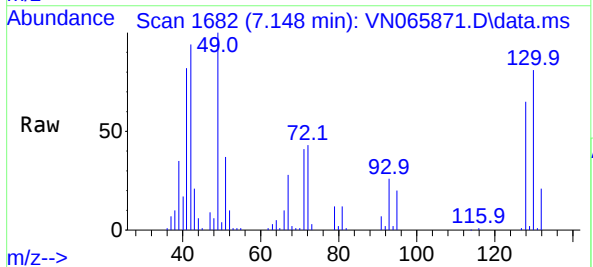
Manual Integrations
APPROVED

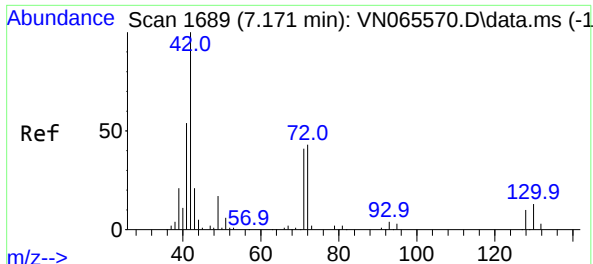
MMDadoda
2/16/2021 3:08:08 PM



#28
Bromochloromethane
Concen: 44.75 ug/l
RT: 7.148 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

Tgt Ion: 49 Resp: 101535
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.6
130 80.4 67.8 101.6





#29
Tetrahydrofuran
Concen: 186.83 ug/l
RT: 7.174 min Scan# 1690
Delta R.T. 0.003 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

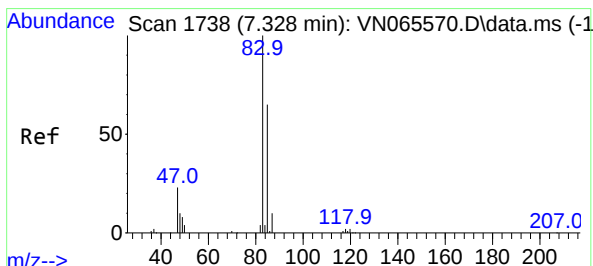
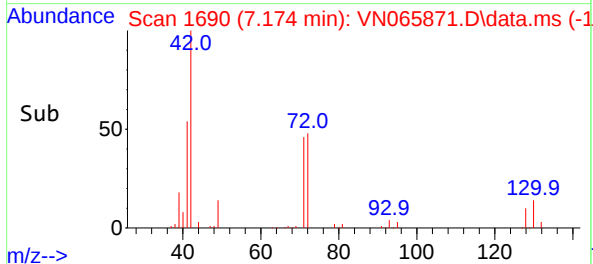
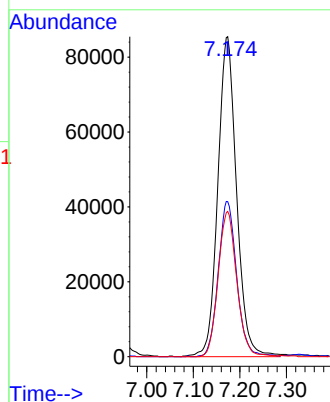
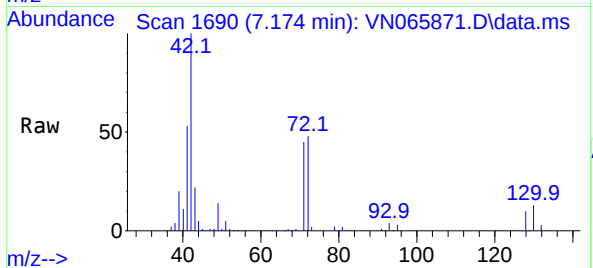
Tgt Ion: 42 Resp: 238980

Ion	Ratio	Lower	Upper
42	100		
72	47.8	36.6	55.0
71	45.2	34.3	51.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

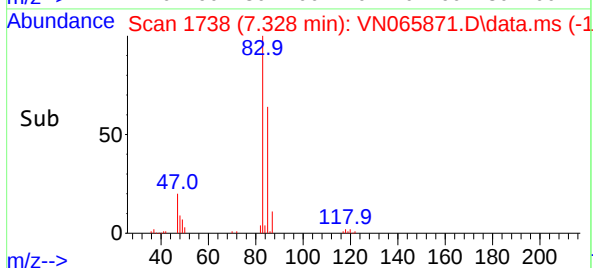
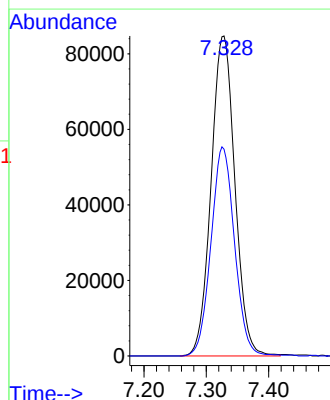
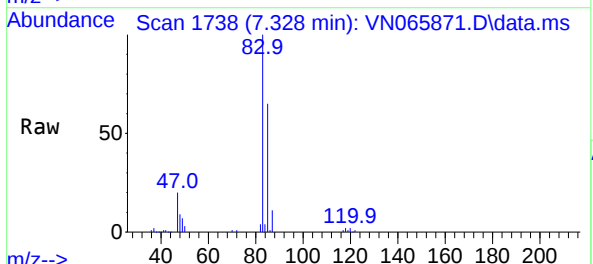
MMDadoda
2/16/2021 3:08:08 PM

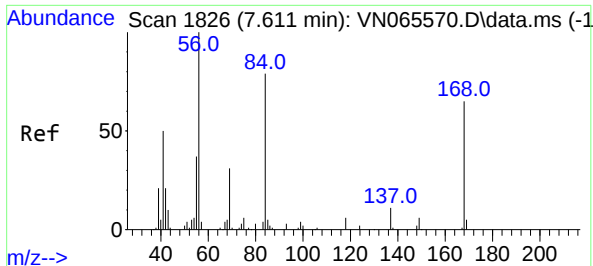


#30
Chloroform
Concen: 45.18 ug/l
RT: 7.328 min Scan# 1738
Delta R.T. 0.000 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

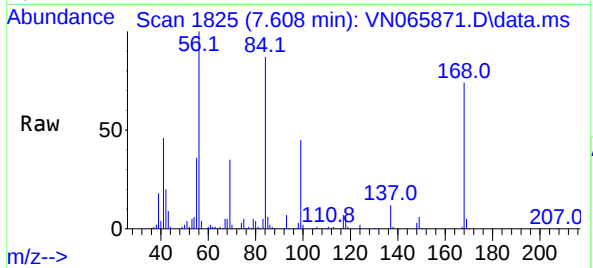
Tgt Ion: 83 Resp: 224728

Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.6	78.8

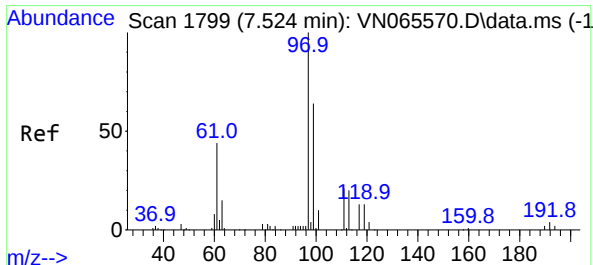
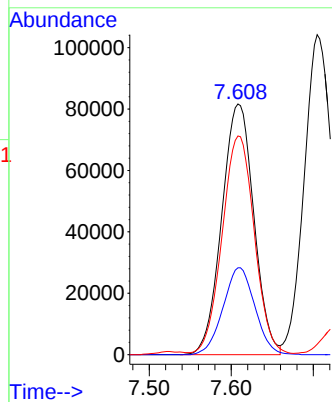
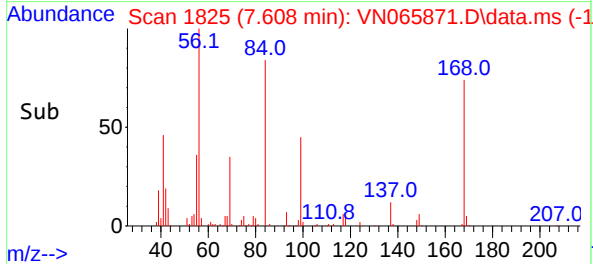




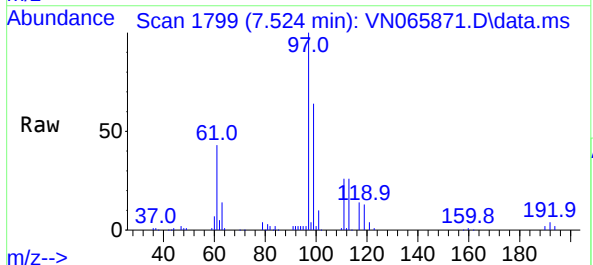
#31
Cyclohexane
Concen: 40.84 ug/l
RT: 7.608 min Scan# 1825
Delta R.T. -0.003 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50



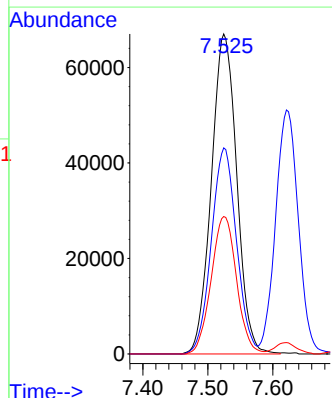
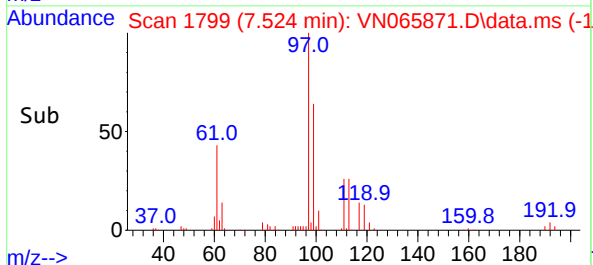
Tgt Ion: 56 Resp: 221891
Ion Ratio Lower Upper
56 100
69 34.7 26.6 39.8
84 86.2 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 44.96 ug/l
RT: 7.524 min Scan# 1799
Delta R.T. 0.000 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50



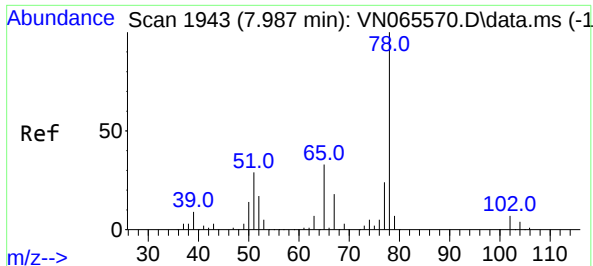
Tgt Ion: 97 Resp: 182021
Ion Ratio Lower Upper
97 100
99 63.8 50.8 76.2
61 42.9 34.3 51.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
2/16/2021 3:08:08 PM



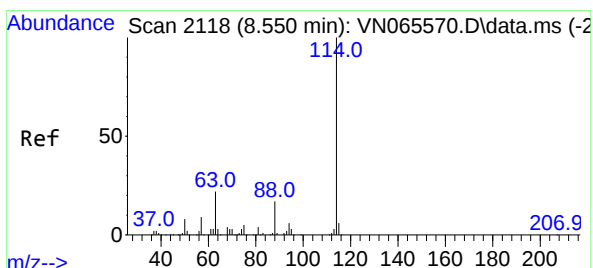
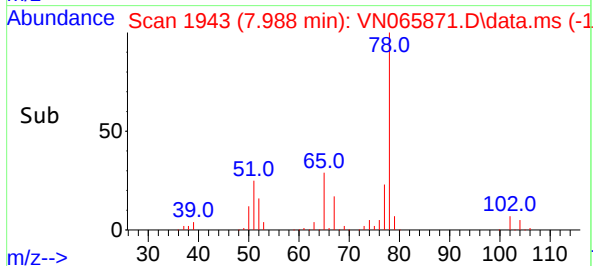
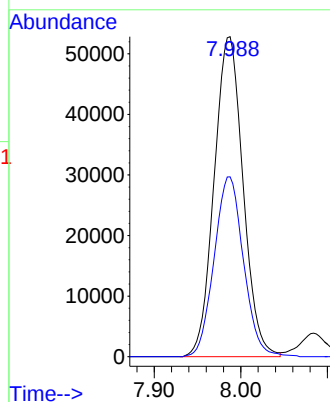
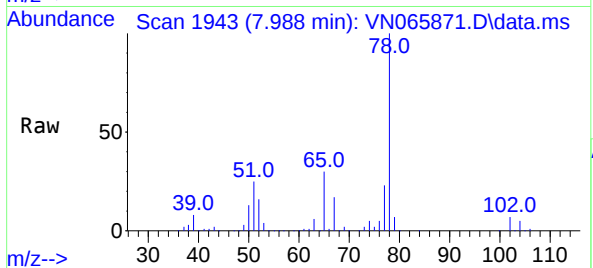
#33
1,2-Dichloroethane-d4
Concen: 42.42 ug/l
RT: 7.988 min Scan# 1943
Delta R.T. 0.001 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

Tgt Ion: 65 Resp: 122548
Ion Ratio Lower Upper
65 100
67 57.1 0.0 107.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

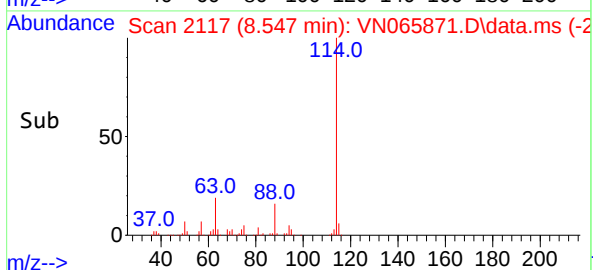
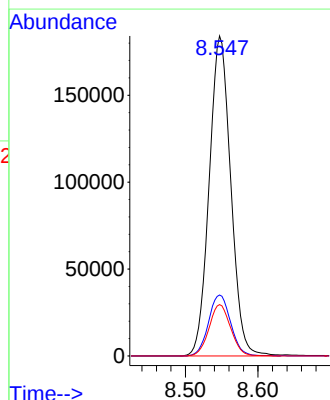
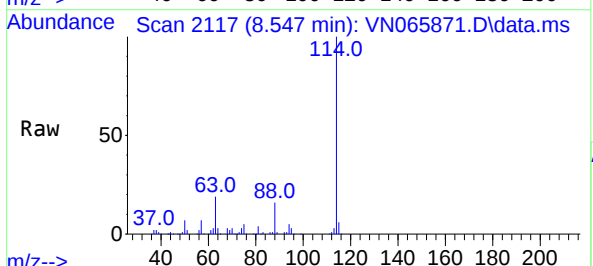
Manual Integrations
APPROVED

MMDadoda
2/16/2021 3:08:08 PM



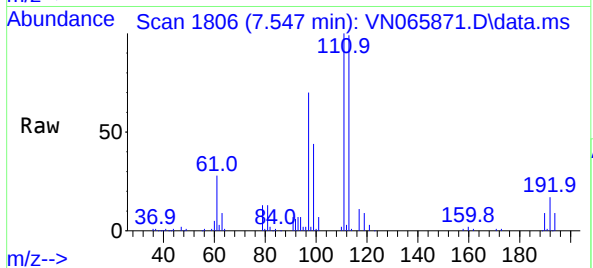
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

Tgt Ion: 114 Resp: 380120
Ion Ratio Lower Upper
114 100
63 19.0 0.0 38.6
88 16.1 0.0 30.6

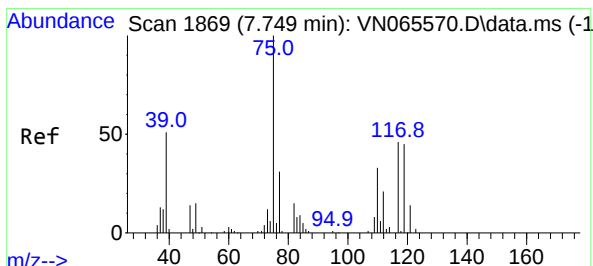
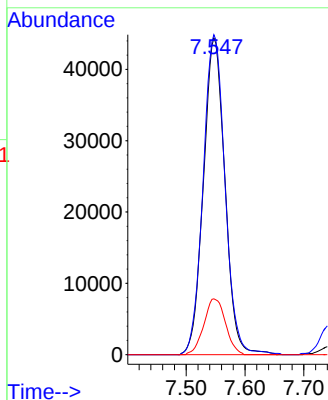
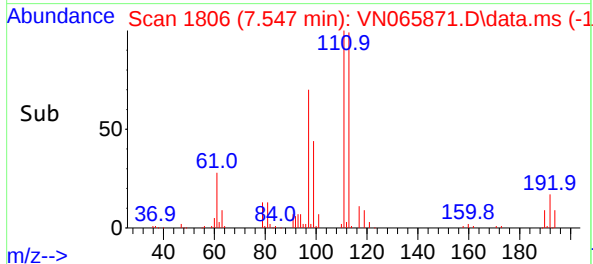




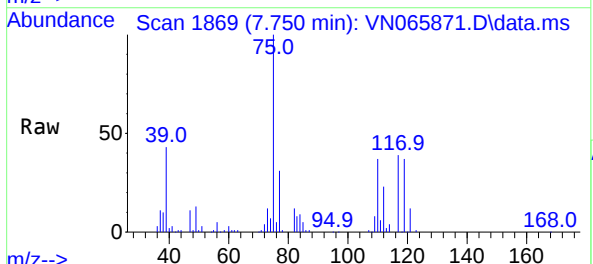
#35
Dibromofluoromethane
Concen: 50.10 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50



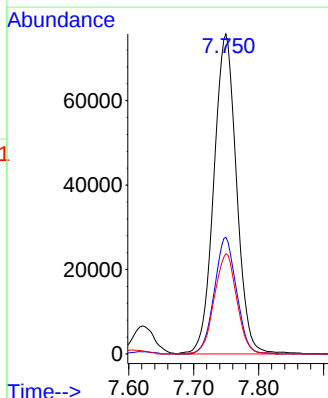
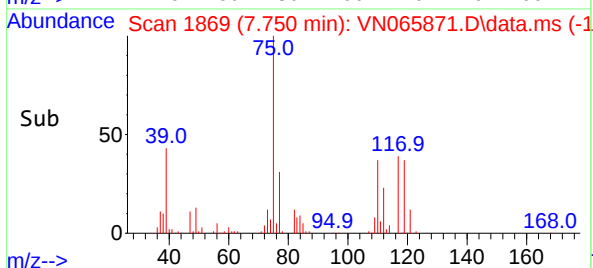
Tgt Ion:113 Resp: 112847
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 17.8 15.4 23.0



#36
1,1-Dichloropropene
Concen: 47.88 ug/l
RT: 7.750 min Scan# 1869
Delta R.T. 0.001 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50



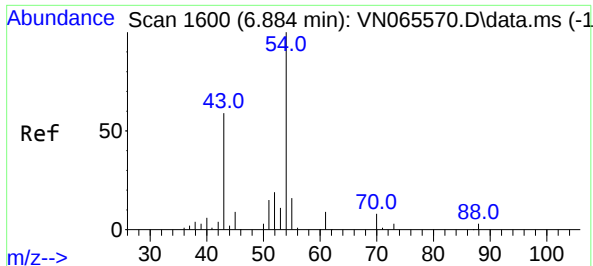
Tgt Ion: 75 Resp: 183137
Ion Ratio Lower Upper
75 100
110 35.6 18.2 54.6
77 31.2 24.9 37.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
2/16/2021 3:08:08 PM



#37

Ethyl Acetate

Concen: 41.86 ug/l

RT: 6.888 min Scan# 1601

Delta R.T. 0.004 min

Lab File: VN065871.D

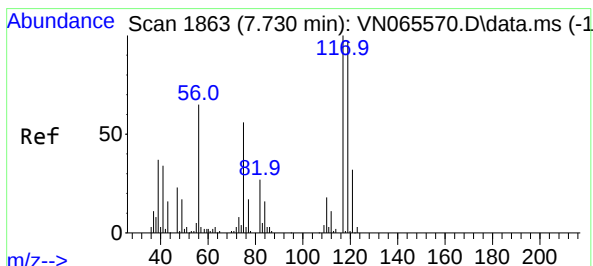
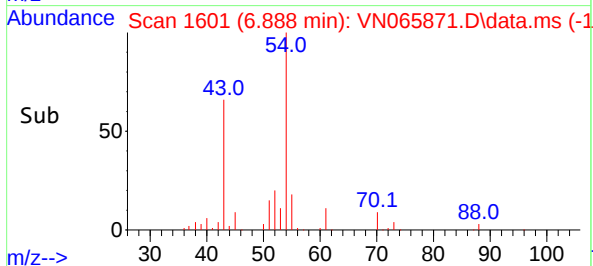
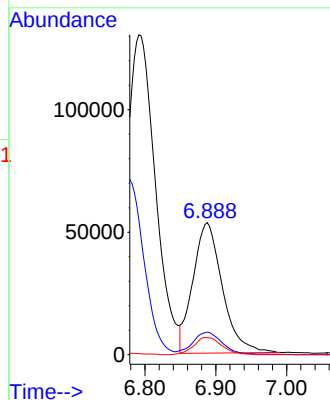
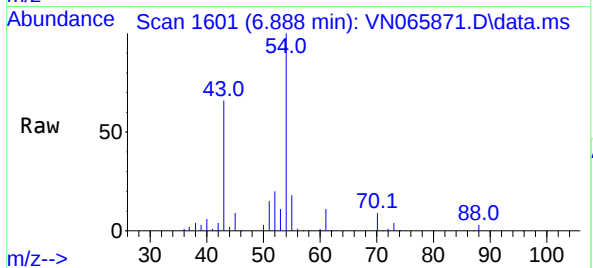
Acq: 15 Feb 2021 16:50

Tgt Ion: 43	Resp: 153635
Ion Ratio	Lower Upper
43 100	
61 16.6	11.6 17.4
70 12.6	8.6 13.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
2/16/2021 3:08:08 PM



#38

Carbon Tetrachloride

Concen: 47.51 ug/l

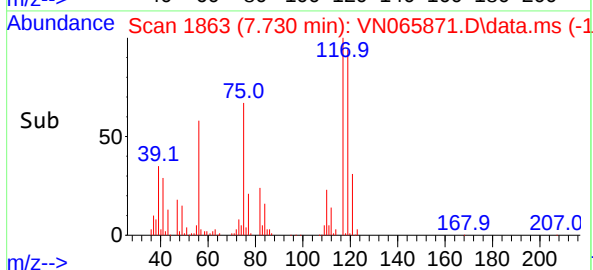
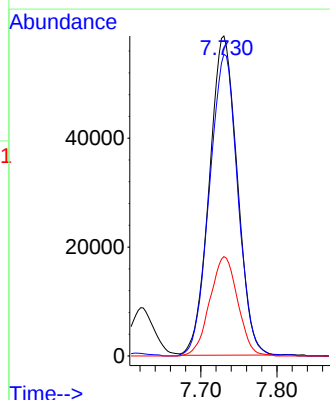
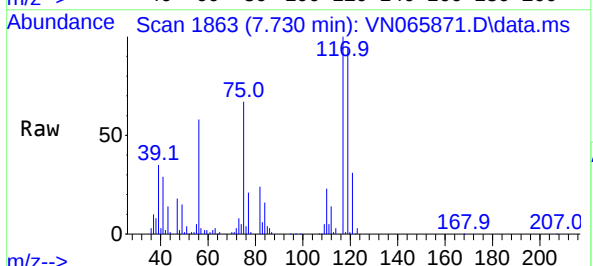
RT: 7.730 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VN065871.D

Acq: 15 Feb 2021 16:50

Tgt Ion: 117	Resp: 149610
Ion Ratio	Lower Upper
117 100	
119 94.2	76.0 114.0
121 31.1	24.5 36.7





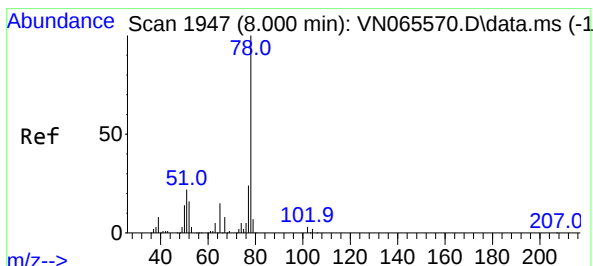
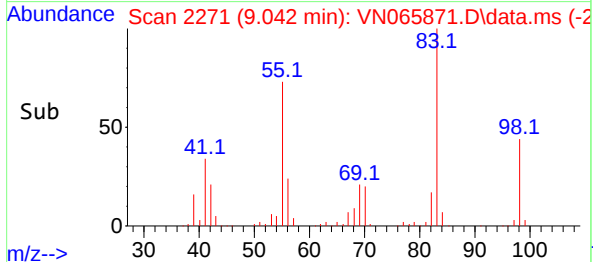
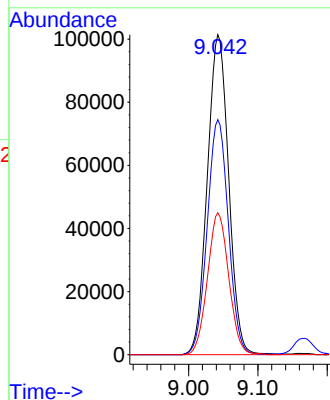
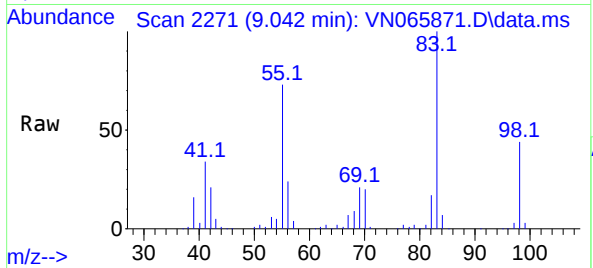
#39
Methylcyclohexane
Concen: 46.46 ug/l
RT: 9.042 min Scan# 2271
Delta R.T. 0.000 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

Tgt Ion: 83 Resp: 216843
Ion Ratio Lower Upper
83 100
55 73.4 58.9 88.3
98 44.3 35.9 53.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

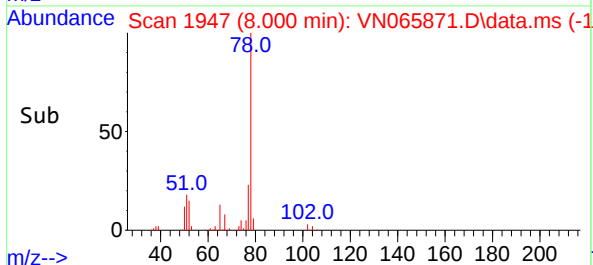
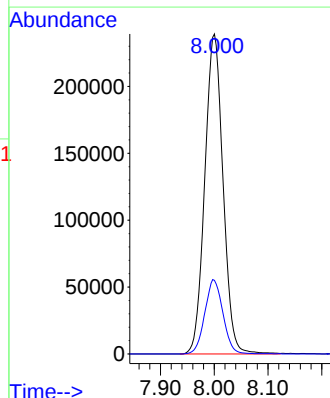
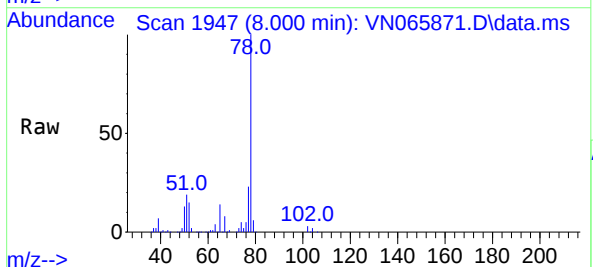
Manual Integrations
APPROVED

MMDadoda
2/16/2021 3:08:08 PM



#40
Benzene
Concen: 48.29 ug/l
RT: 8.000 min Scan# 1947
Delta R.T. 0.000 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

Tgt Ion: 78 Resp: 564060
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.4





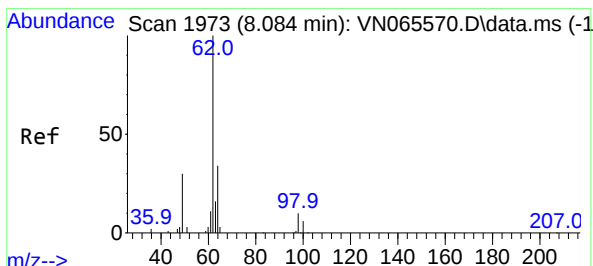
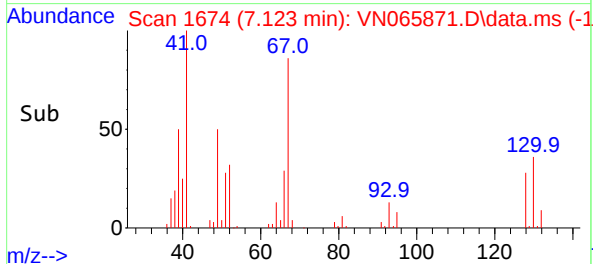
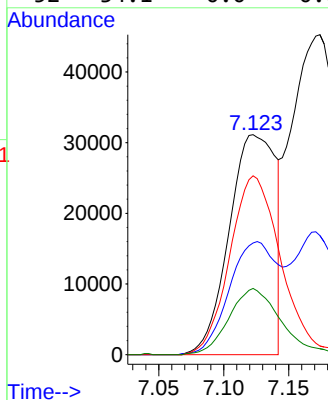
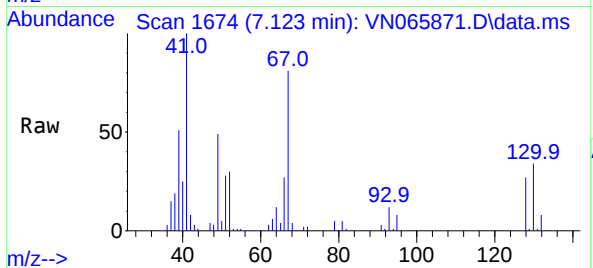
#41
Methacrylonitrile
Concen: 39.17 ug/l
RT: 7.123 min Scan# 1674
Delta R.T. -0.003 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

Tgt Ion:	41	Resp:	77177
Ion	Ratio	Lower	Upper
41	100		
39	53.4	0.0	0.0#
67	89.9	0.0	0.0#
52	34.1	0.0	0.0#

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

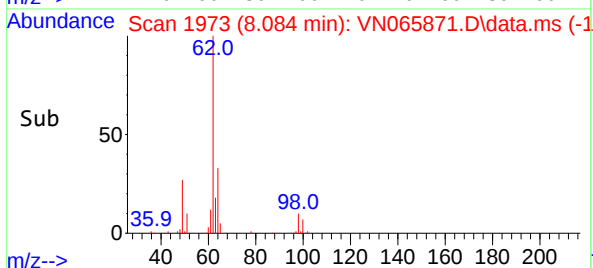
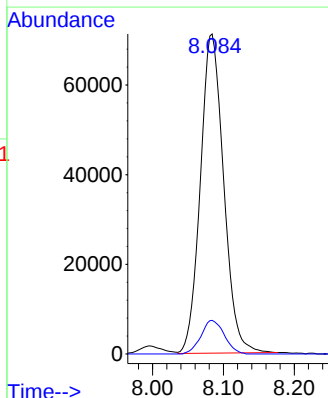
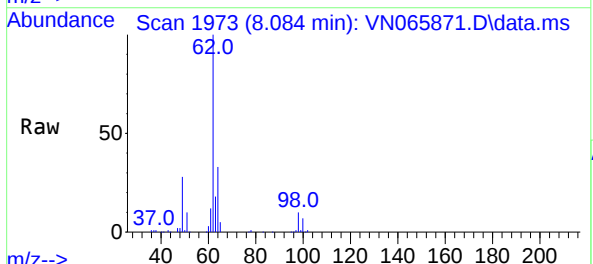
Manual Integrations
APPROVED

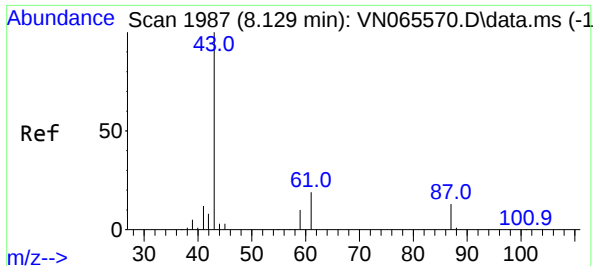
MMDadoda
2/16/2021 3:08:08 PM



#42
1,2-Dichloroethane
Concen: 46.26 ug/l
RT: 8.084 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

Tgt Ion:	62	Resp:	162897
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	18.6





#43
Isopropyl Acetate
Concen: 39.39 ug/l
RT: 8.129 min Scan# 1987
Delta R.T. -0.000 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

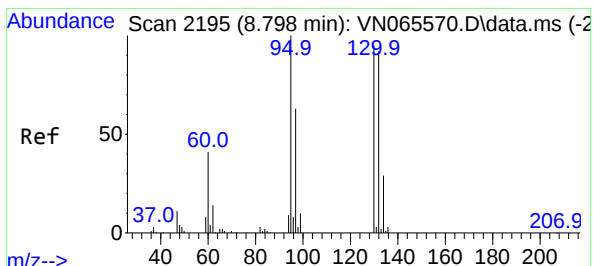
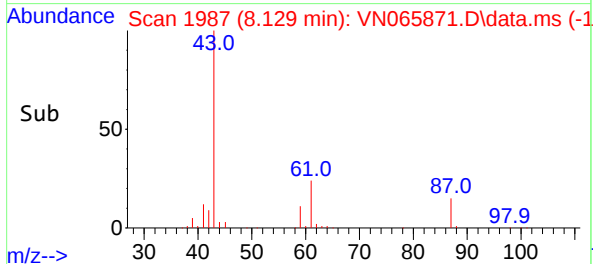
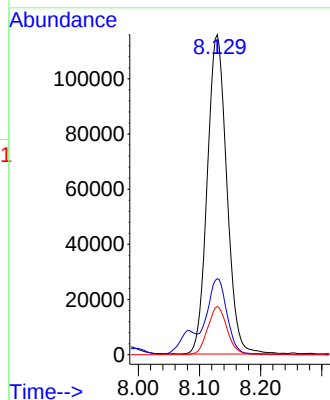
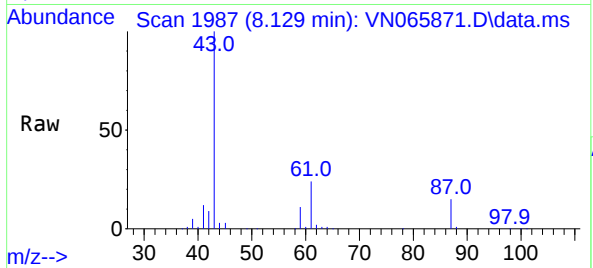
Tgt Ion: 43 Resp: 256289

Ion	Ratio	Lower	Upper
43	100		
61	23.8	22.5	33.7
87	15.0	11.1	16.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

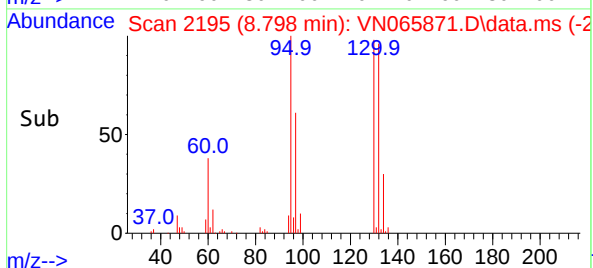
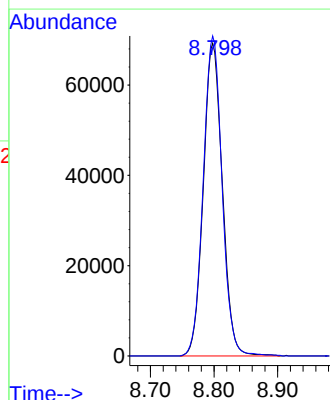
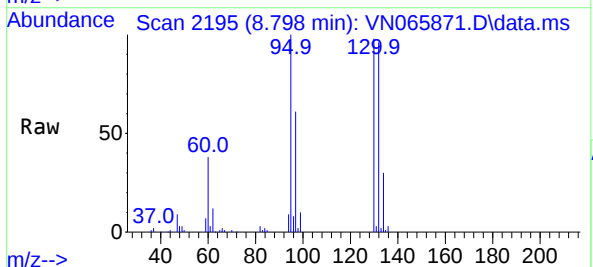
MMDadoda
2/16/2021 3:08:08 PM

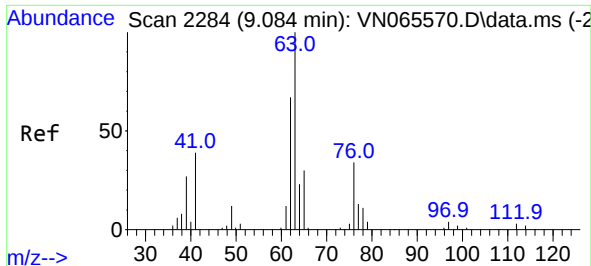


#44
Trichloroethene
Concen: 50.82 ug/l
RT: 8.798 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

Tgt Ion:130 Resp: 144039

Ion	Ratio	Lower	Upper
130	100		
95	102.3	0.0	199.6





#45

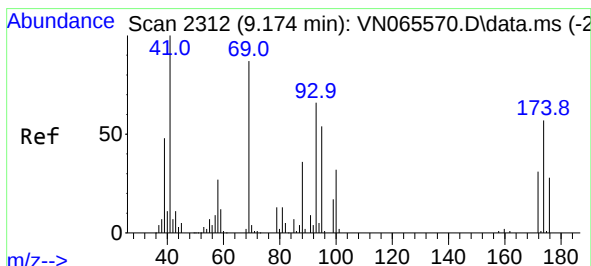
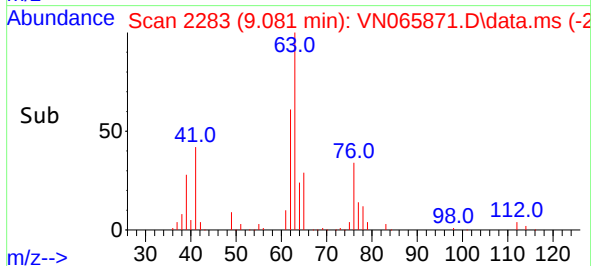
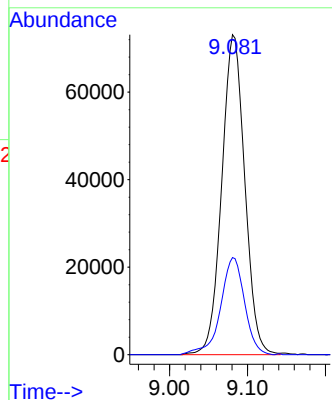
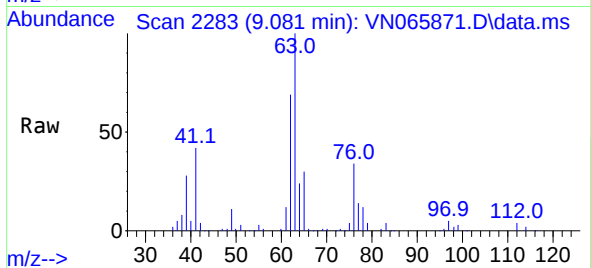
1,2-Dichloropropane
Concen: 46.77 ug/l
RT: 9.081 min Scan# 2283
Delta R.T. -0.003 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

Tgt Ion: 63 Resp: 150330
Ion Ratio Lower Upper
63 100
65 30.4 24.9 37.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

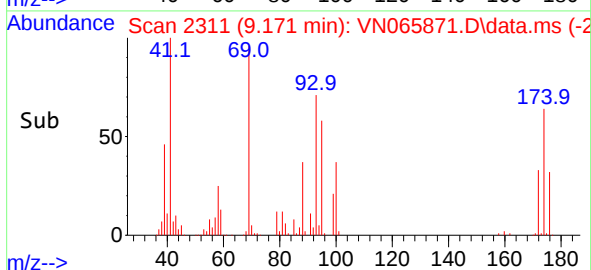
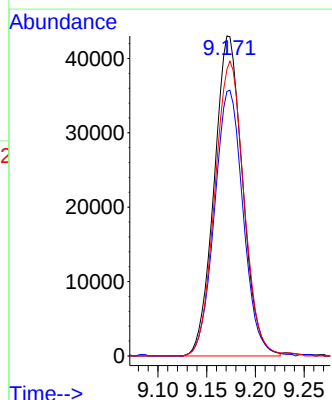
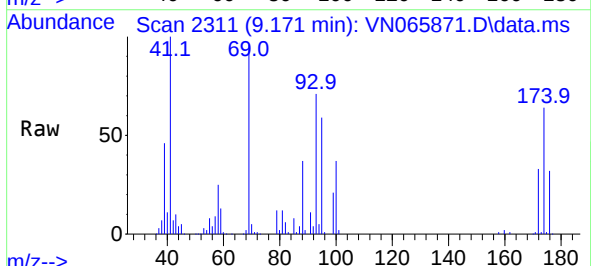
MMDadoda
2/16/2021 3:08:08 PM

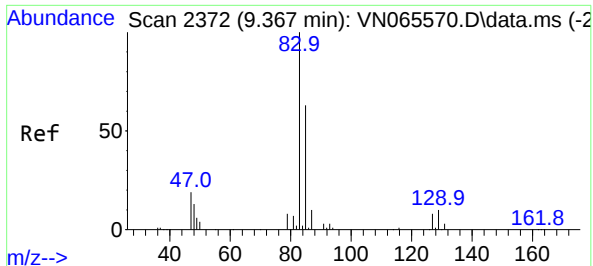


#46

Dibromomethane
Concen: 49.24 ug/l
RT: 9.171 min Scan# 2311
Delta R.T. -0.003 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

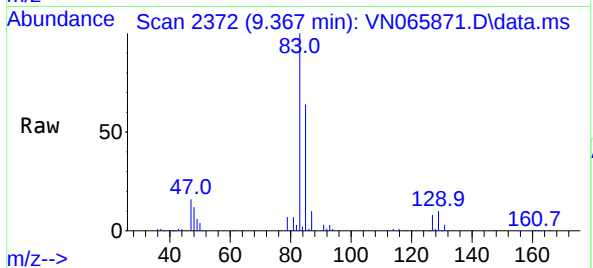
Tgt Ion: 93 Resp: 87430
Ion Ratio Lower Upper
93 100
95 83.9 67.0 100.6
174 93.9 83.2 124.8





#47
Bromodichloromethane
Concen: 45.41 ug/l
RT: 9.367 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

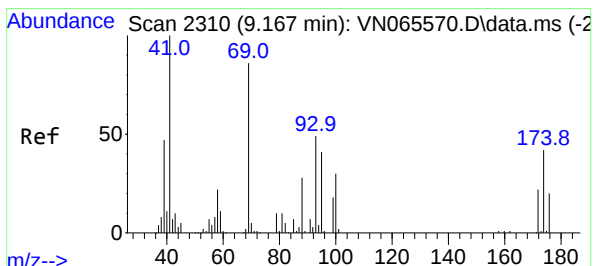
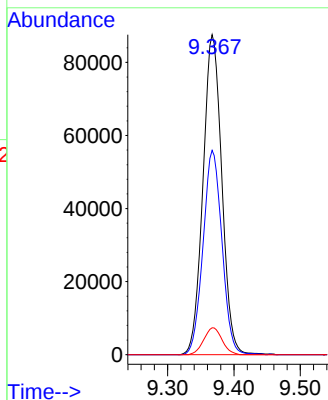
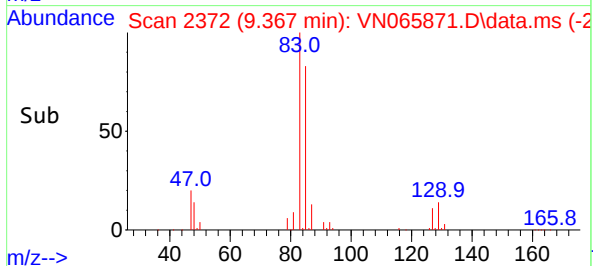
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



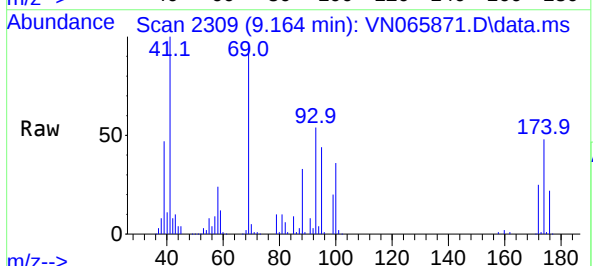
Tgt Ion: 83 Resp: 172967
Ion Ratio Lower Upper
83 100
85 63.9 51.0 76.4
127 8.4 7.0 10.6

Manual Integrations
APPROVED

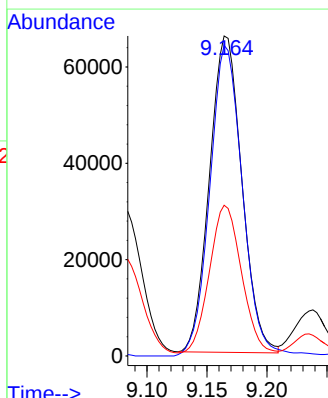
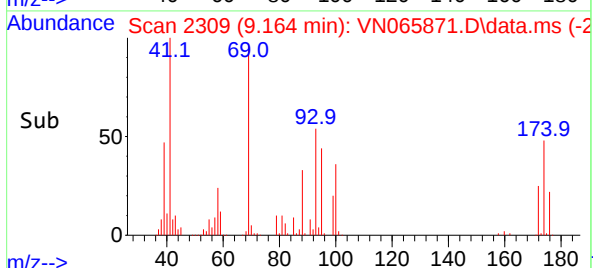
MMDadoda
2/16/2021 3:08:08 PM

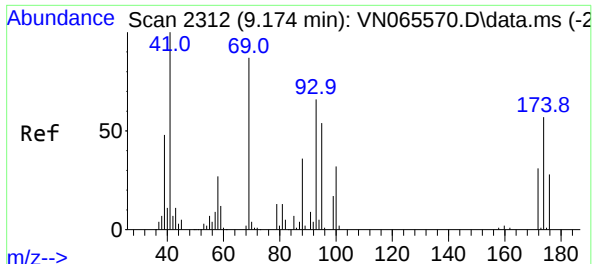


#48
Methyl methacrylate
Concen: 39.89 ug/l
RT: 9.164 min Scan# 2309
Delta R.T. -0.003 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50



Tgt Ion: 41 Resp: 123126
Ion Ratio Lower Upper
41 100
69 99.3 75.9 113.9
39 48.1 46.6 69.8





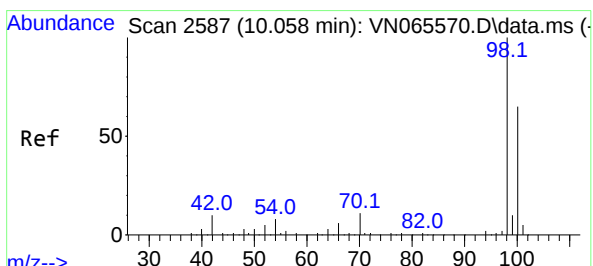
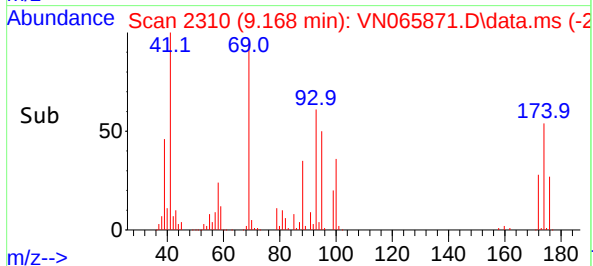
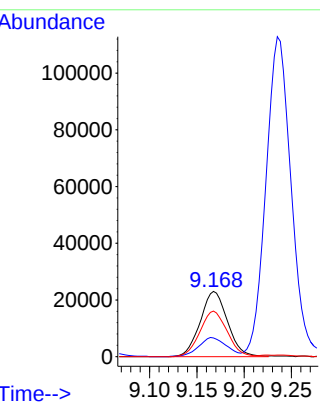
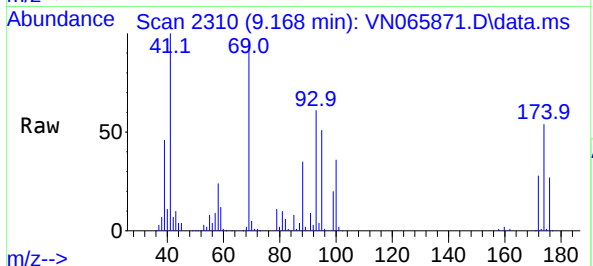
#49
1,4-Dioxane
Concen: 926.09 ug/l
RT: 9.168 min Scan# 2310
Delta R.T. -0.006 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

Tgt Ion: 88 Resp: 46260
Ion Ratio Lower Upper
88 100
43 30.1 24.7 37.1
58 69.6 52.6 78.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

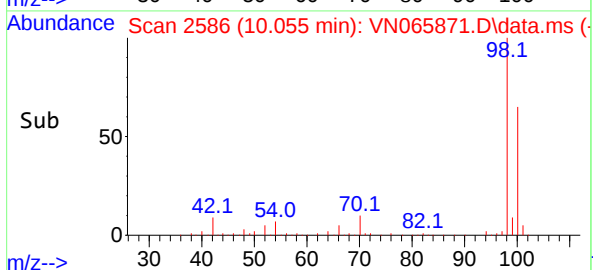
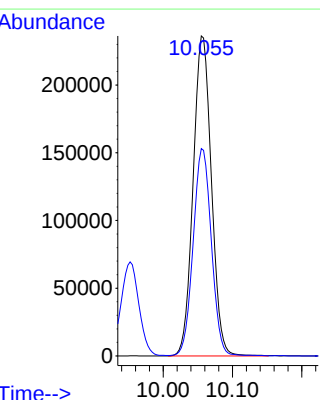
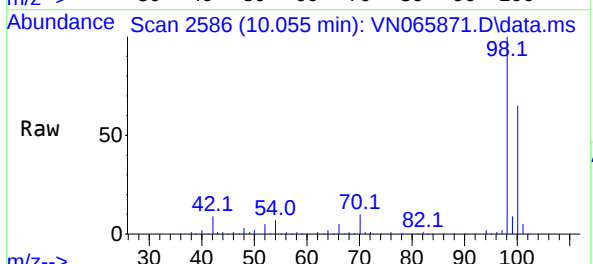
Manual Integrations
APPROVED

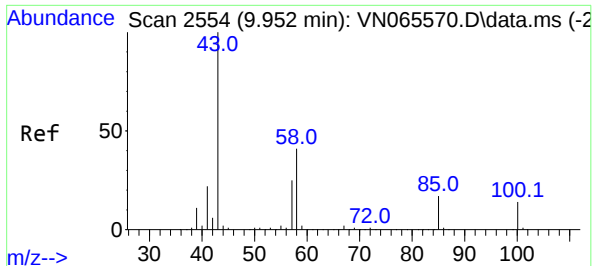
MMDadoda
2/16/2021 3:08:08 PM



#50
Toluene-d8
Concen: 48.81 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. -0.003 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

Tgt Ion: 98 Resp: 432207
Ion Ratio Lower Upper
98 100
100 64.1 50.5 75.7





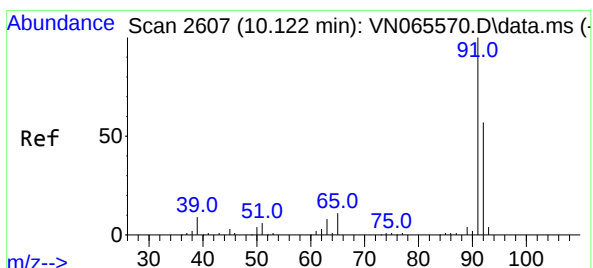
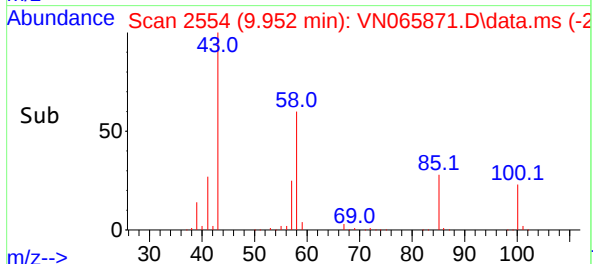
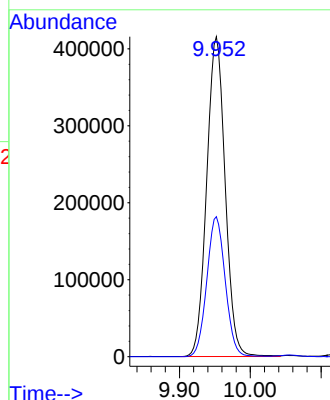
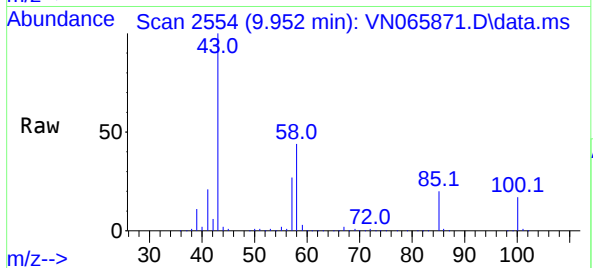
#51
4-Methyl-2-Pentanone
Concen: 209.60 ug/l
RT: 9.952 min Scan# 2554
Delta R.T. 0.000 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

Tgt Ion: 43 Resp: 751901
Ion Ratio Lower Upper
43 100
58 43.7 32.5 48.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

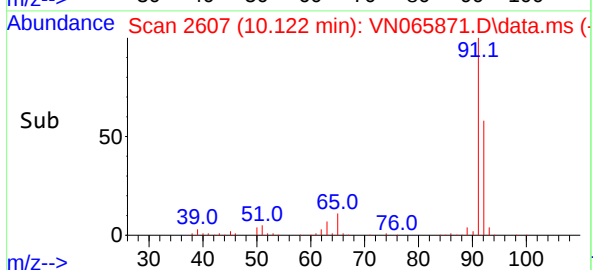
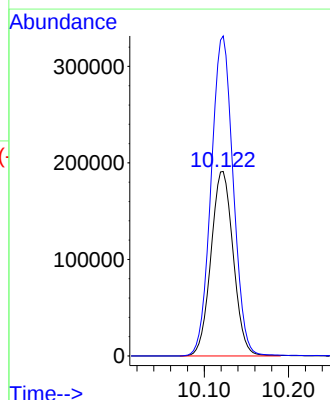
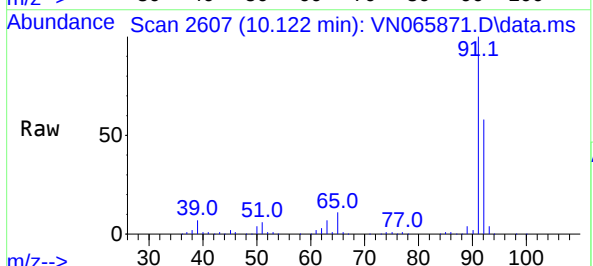
Manual Integrations
APPROVED

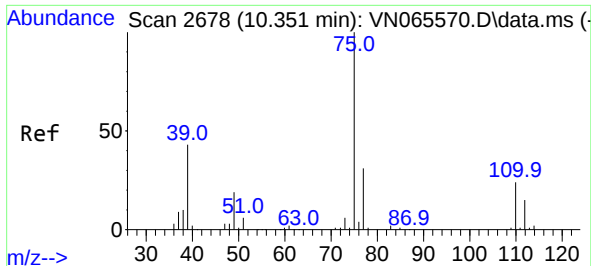
MMDadoda
2/16/2021 3:08:08 PM



#52
Toluene
Concen: 50.65 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

Tgt Ion: 92 Resp: 350472
Ion Ratio Lower Upper
92 100
91 172.2 140.7 211.1





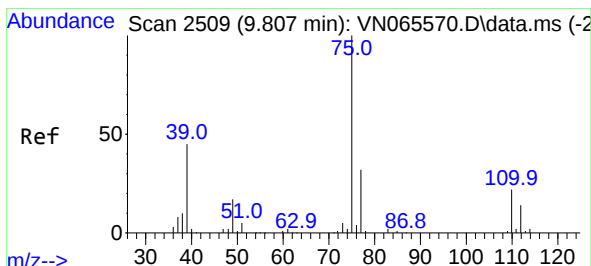
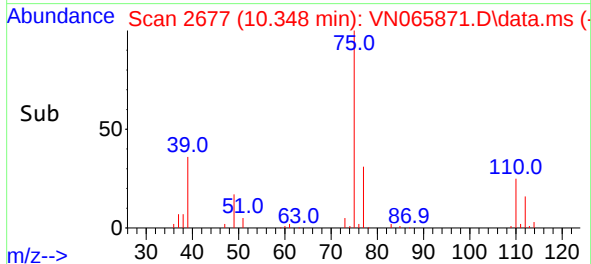
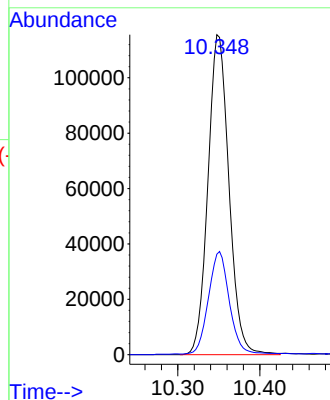
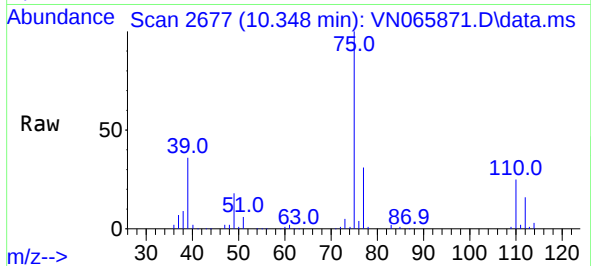
#53
t-1,3-Dichloropropene
Concen: 46.48 ug/l
RT: 10.348 min Scan# 2677
Delta R.T. -0.003 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

Tgt Ion: 75 Resp: 206156
Ion Ratio Lower Upper
75 100
77 31.2 26.2 39.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

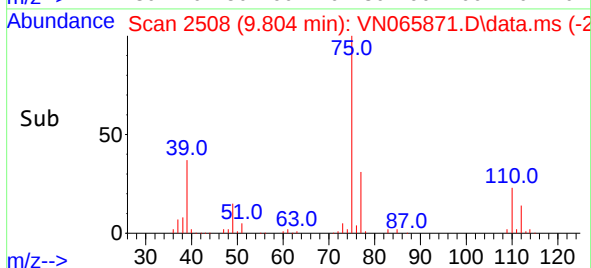
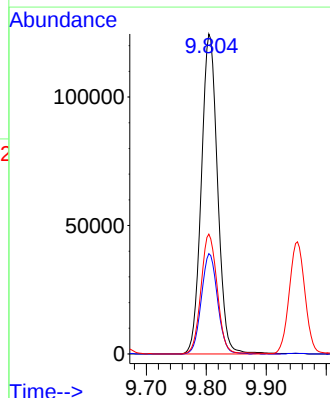
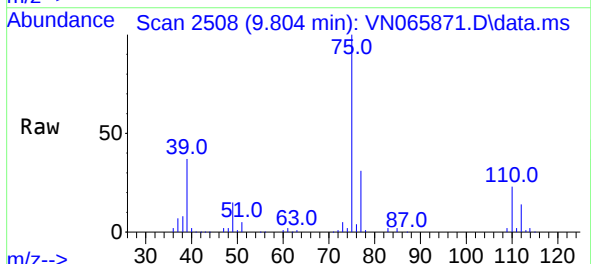
Manual Integrations
APPROVED

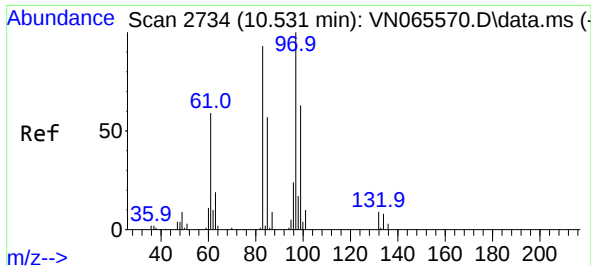
MMDadoda
2/16/2021 3:08:08 PM



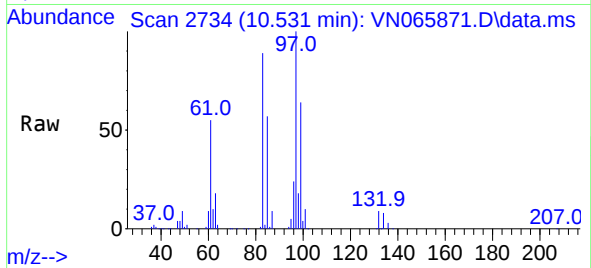
#54
cis-1,3-Dichloropropene
Concen: 47.51 ug/l
RT: 9.804 min Scan# 2508
Delta R.T. -0.003 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

Tgt Ion: 75 Resp: 234768
Ion Ratio Lower Upper
75 100
77 31.3 24.9 37.3
39 37.4 36.2 54.4



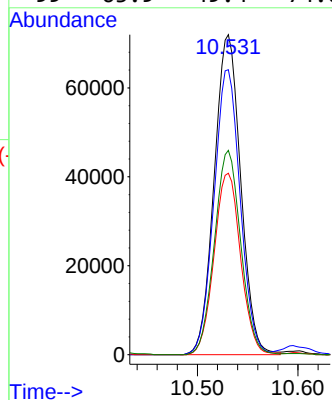


#55
1,1,2-Trichloroethane
Concen: 49.99 ug/l
RT: 10.531 min Scan# 2734
Delta R.T. -0.000 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50



Tgt Ion: 97 Resp: 131925

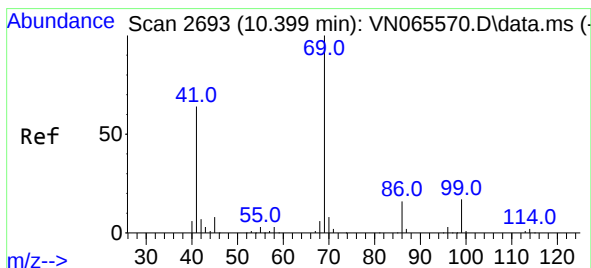
Ion	Ratio	Lower	Upper
97	100		
83	89.1	67.7	101.5
85	56.7	44.5	66.7
99	63.9	49.4	74.0



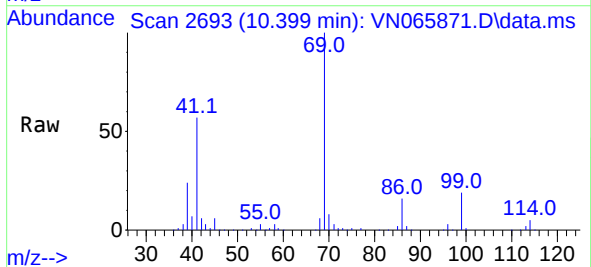
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
2/16/2021 3:08:08 PM

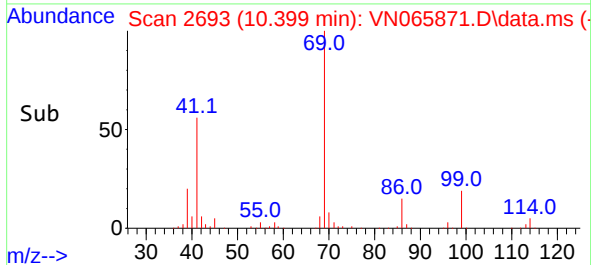
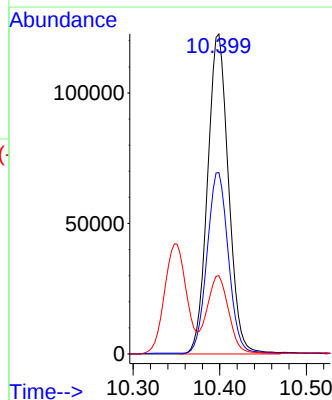


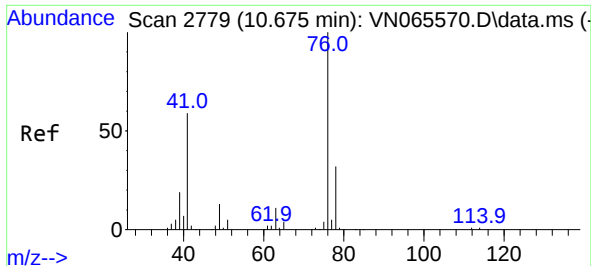
#56
Ethyl methacrylate
Concen: 47.24 ug/l
RT: 10.399 min Scan# 2693
Delta R.T. -0.000 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50



Tgt Ion: 69 Resp: 206184

Ion	Ratio	Lower	Upper
69	100		
41	57.2	49.6	74.4
39	25.4	28.0	42.0





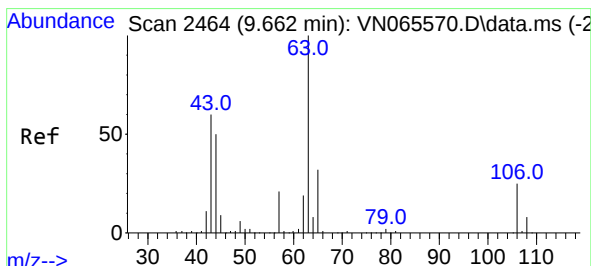
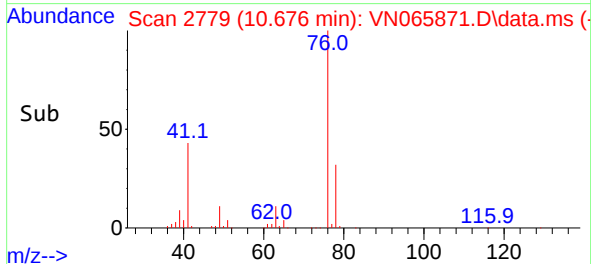
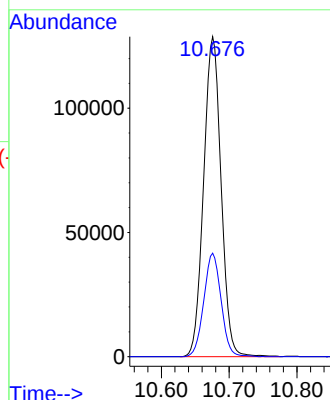
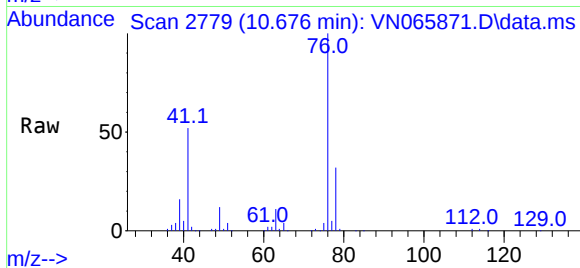
#57
1,3-Dichloropropane
Concen: 49.60 ug/l
RT: 10.676 min Scan# 2779
Delta R.T. 0.000 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

Tgt Ion: 76 Resp: 230419
Ion Ratio Lower Upper
76 100
78 32.0 25.7 38.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

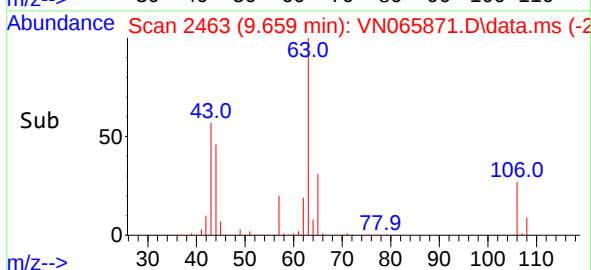
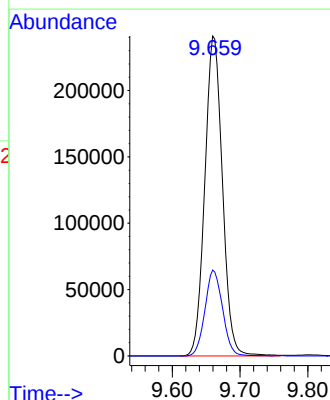
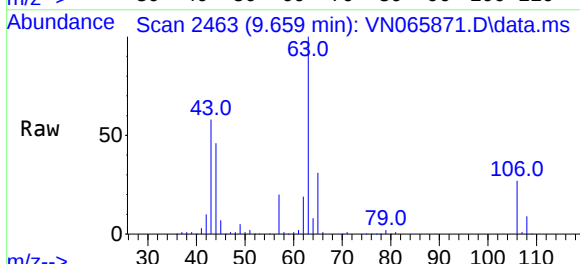
Manual Integrations
APPROVED

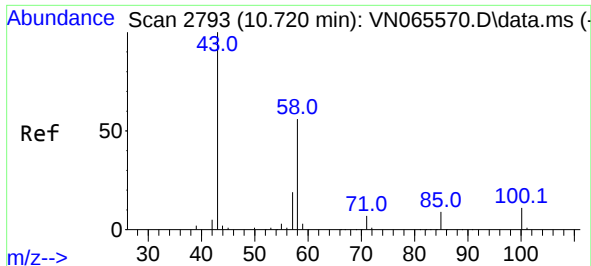
MMDadoda
2/16/2021 3:08:08 PM



#58
2-Chloroethyl Vinyl ether
Concen: 216.13 ug/l
RT: 9.659 min Scan# 2463
Delta R.T. -0.003 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

Tgt Ion: 63 Resp: 435650
Ion Ratio Lower Upper
63 100
106 26.8 22.6 33.8





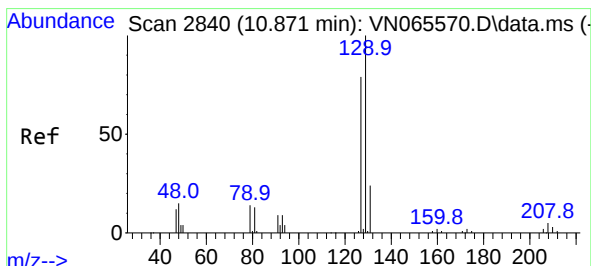
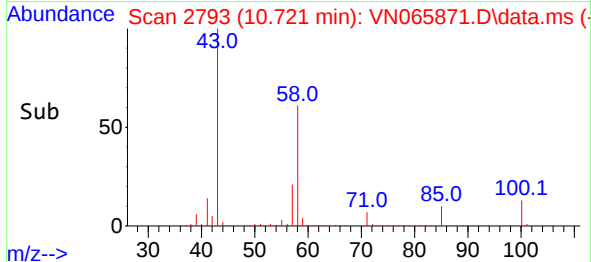
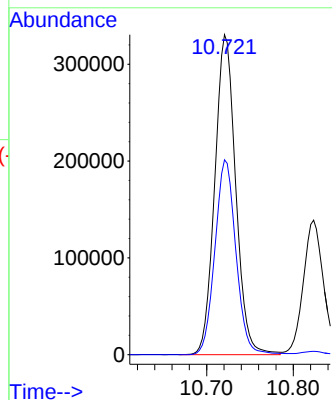
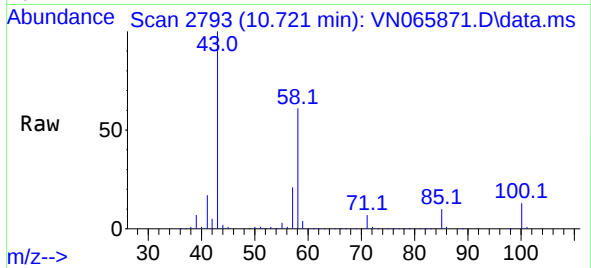
#59
2-Hexanone
Concen: 222.85 ug/l
RT: 10.721 min Scan# 2793
Delta R.T. 0.001 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

Tgt Ion: 43 Resp: 555008
Ion Ratio Lower Upper
43 100
58 61.2 28.1 84.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

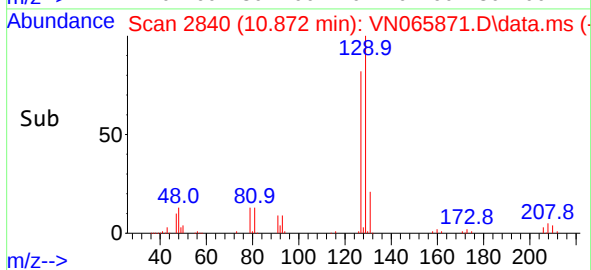
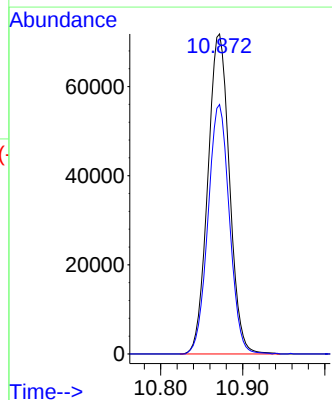
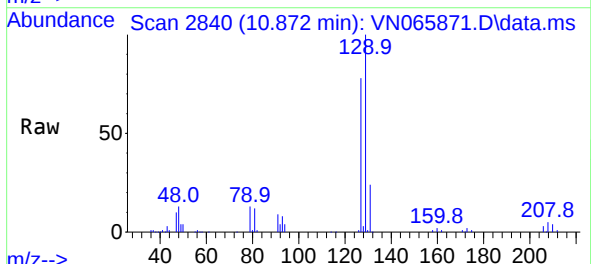
Manual Integrations
APPROVED

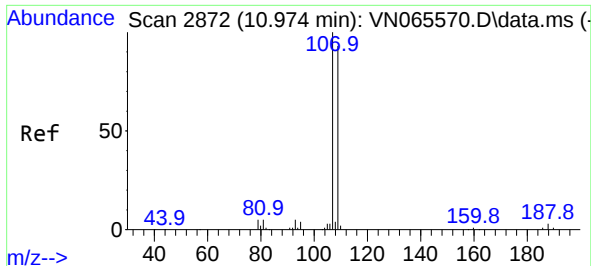
MMDadoda
2/16/2021 3:08:08 PM



#60
Dibromochloromethane
Concen: 48.81 ug/l
RT: 10.872 min Scan# 2840
Delta R.T. 0.001 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

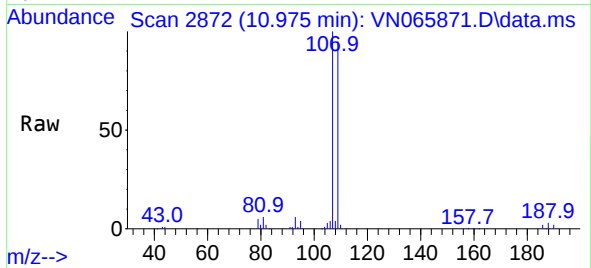
Tgt Ion: 129 Resp: 131652
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5





#61
1,2-Dibromoethane
Concen: 50.37 ug/l
RT: 10.975 min Scan# 2872
Delta R.T. 0.001 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

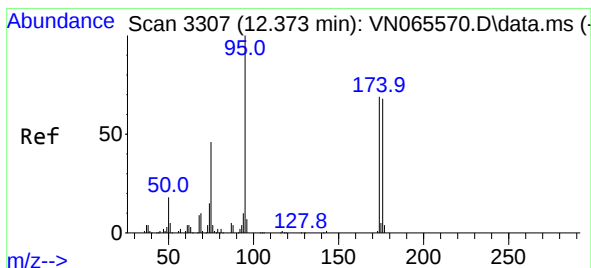
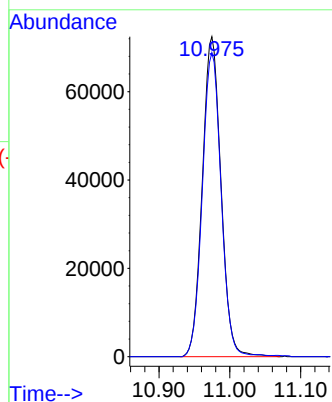
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



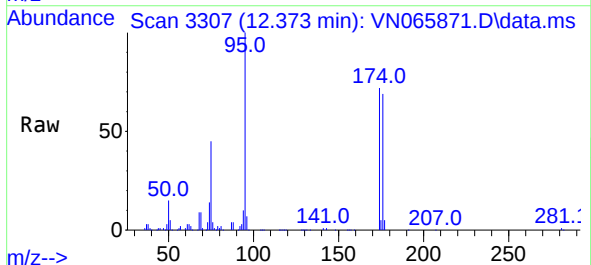
Tgt Ion:107 Resp: 132507
Ion Ratio Lower Upper
107 100
109 95.4 75.6 113.4

Manual Integrations
APPROVED

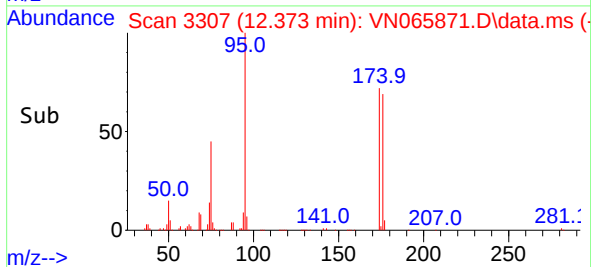
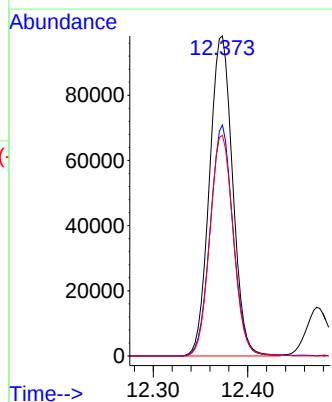
MMDadoda
2/16/2021 3:08:08 PM

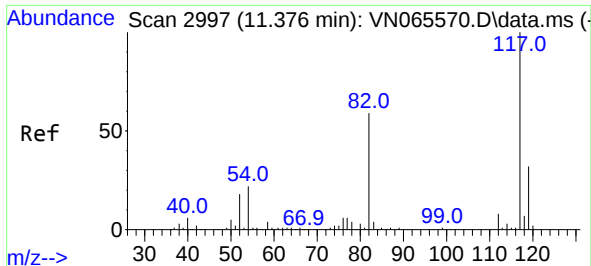


#62
4-Bromofluorobenzene
Concen: 52.46 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50



Tgt Ion: 95 Resp: 167282
Ion Ratio Lower Upper
95 100
174 71.6 0.0 169.0
176 69.5 0.0 162.4





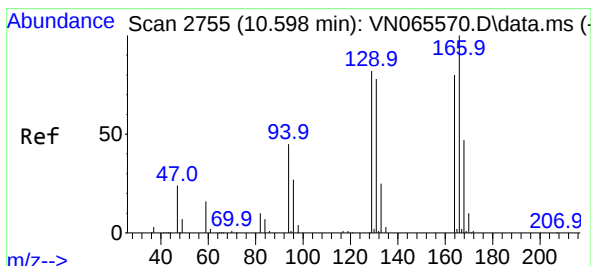
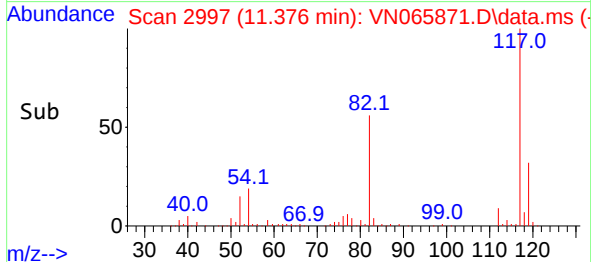
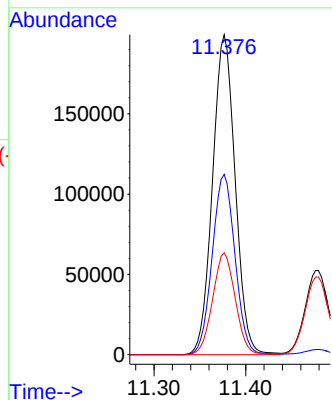
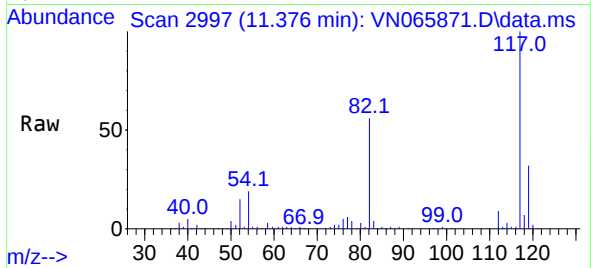
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

Tgt Ion:117 Resp: 341917
Ion Ratio Lower Upper
117 100
82 56.4 43.7 65.5
119 31.8 26.1 39.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

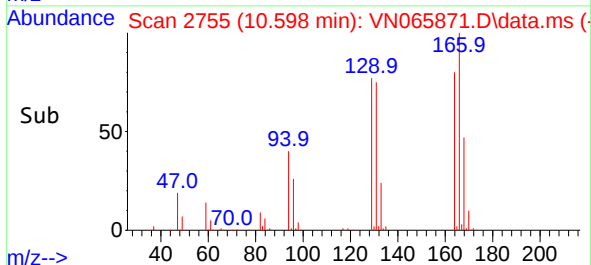
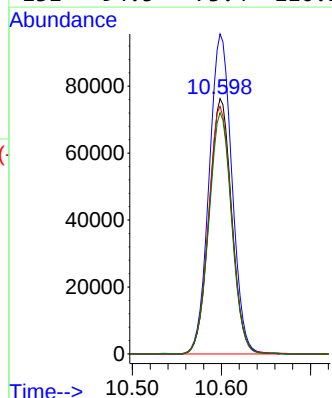
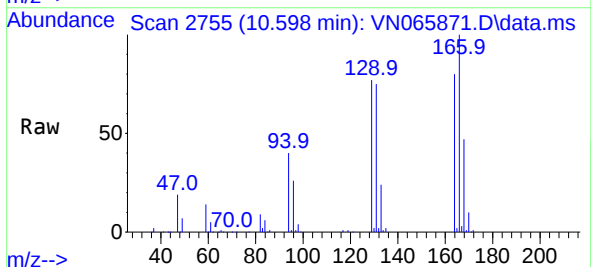
Manual Integrations
APPROVED

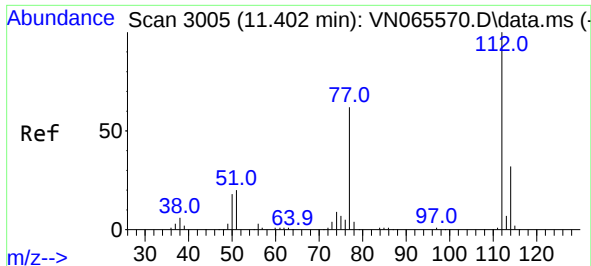
MMDadoda
2/16/2021 3:08:08 PM



#64
Tetrachloroethene
Concen: 47.14 ug/l
RT: 10.598 min Scan# 2755
Delta R.T. 0.000 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

Tgt Ion:164 Resp: 135068
Ion Ratio Lower Upper
164 100
166 125.3 102.6 154.0
129 96.9 76.2 114.4
131 94.5 73.4 110.2





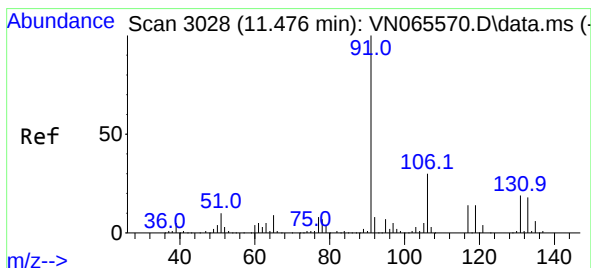
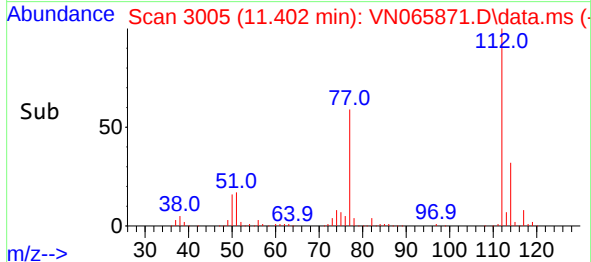
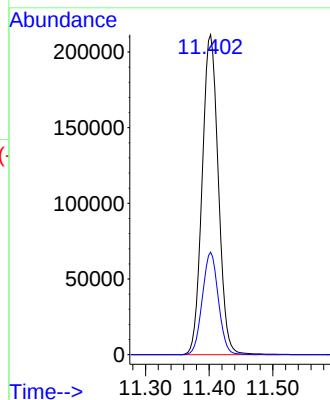
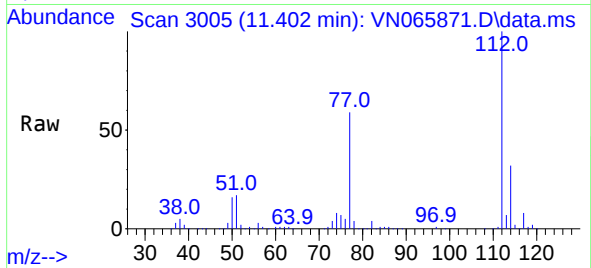
#65
Chlorobenzene
Concen: 52.17 ug/l
RT: 11.402 min Scan# 3005
Delta R.T. 0.000 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

Tgt Ion:112 Resp: 373196
Ion Ratio Lower Upper
112 100
114 32.1 26.1 39.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

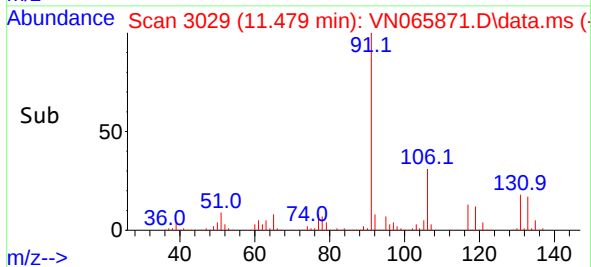
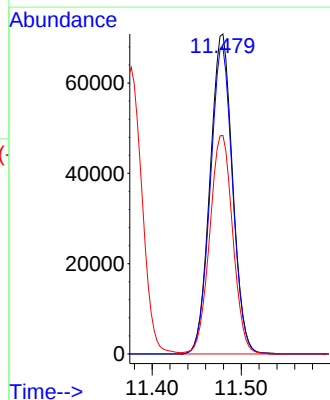
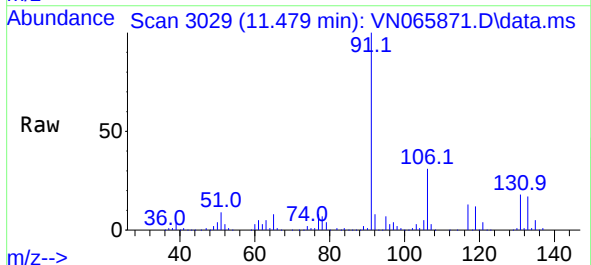
Manual Integrations
APPROVED

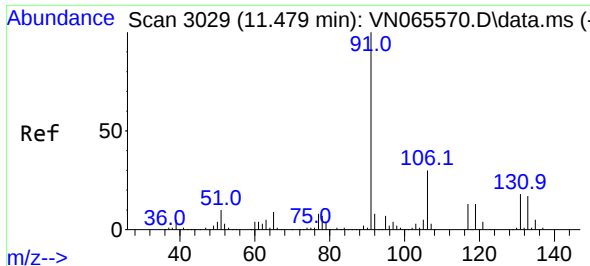
MMDadoda
2/16/2021 3:08:08 PM



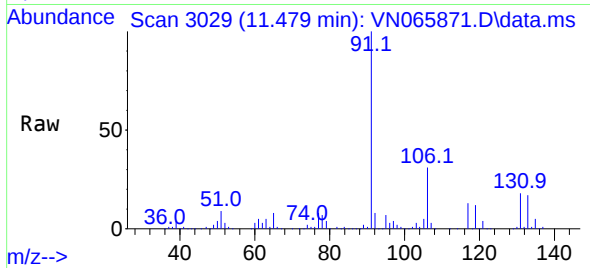
#66
1,1,1,2-Tetrachloroethane
Concen: 49.16 ug/l
RT: 11.479 min Scan# 3029
Delta R.T. 0.003 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

Tgt Ion:131 Resp: 124301
Ion Ratio Lower Upper
131 100
133 95.3 48.0 144.0
119 70.0 34.1 102.2

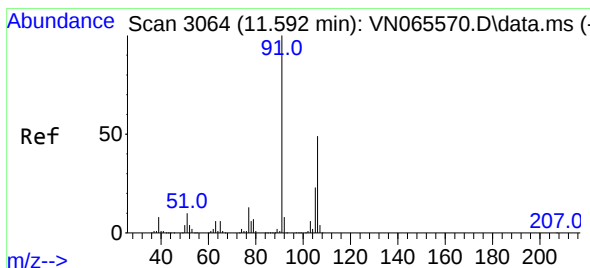
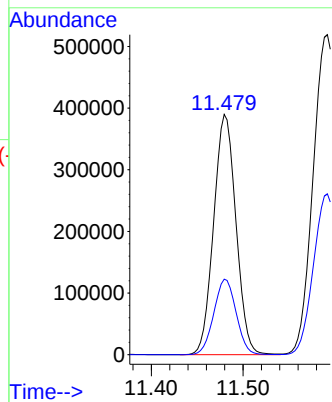
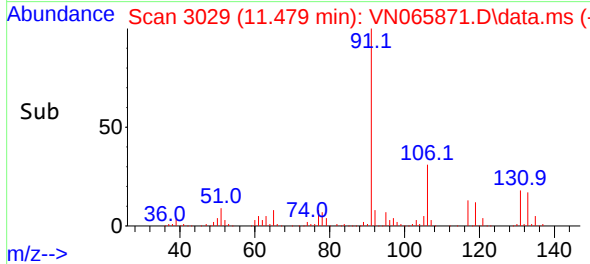




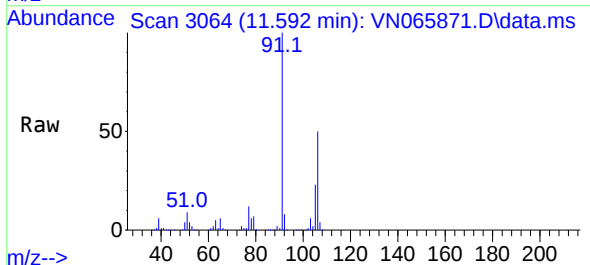
#67
Ethyl Benzene
Concen: 49.00 ug/l
RT: 11.479 min Scan# 3029
Delta R.T. 0.000 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50



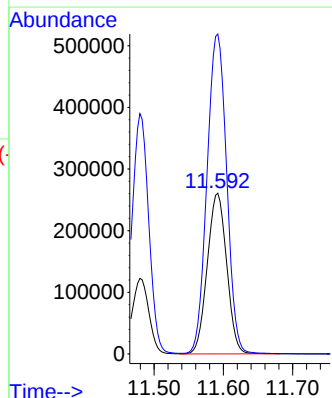
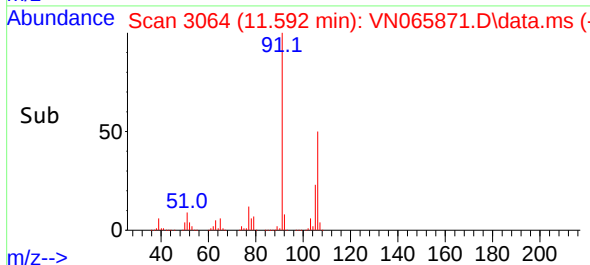
Tgt Ion: 91 Resp: 658425
Ion Ratio Lower Upper
91 100
106 31.4 25.5 38.3



#68
m/p-Xylenes
Concen: 104.00 ug/l
RT: 11.592 min Scan# 3064
Delta R.T. -0.000 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50



Tgt Ion: 106 Resp: 505907
Ion Ratio Lower Upper
106 100
91 202.0 161.4 242.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

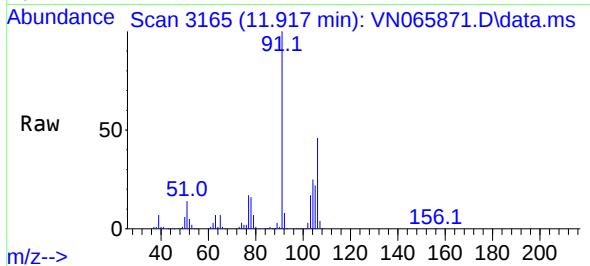
Manual Integrations
APPROVED

MMDadoda
2/16/2021 3:08:08 PM



#69
o-Xylene
Concen: 51.37 ug/l
RT: 11.917 min Scan# 3165
Delta R.T. 0.001 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

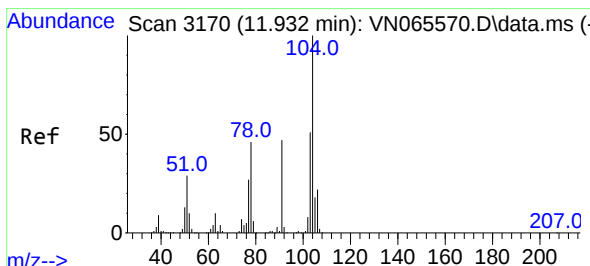
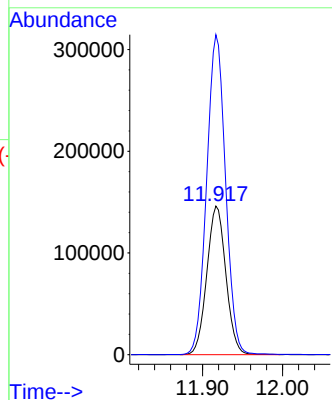
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



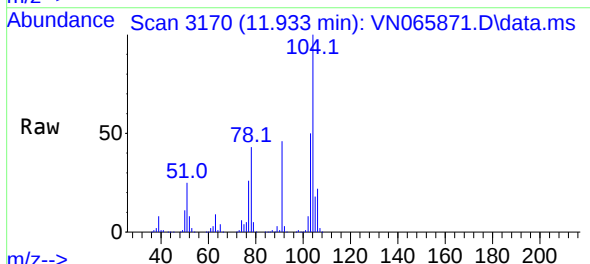
Tgt Ion:106 Resp: 242171
Ion Ratio Lower Upper
106 100
91 213.2 106.8 320.4

Manual Integrations
APPROVED

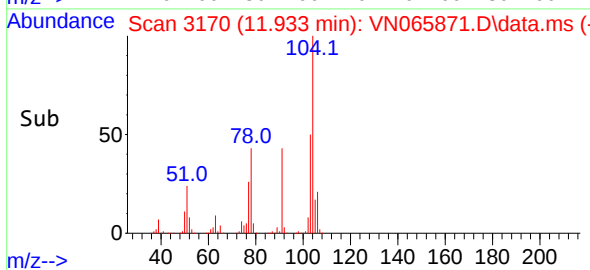
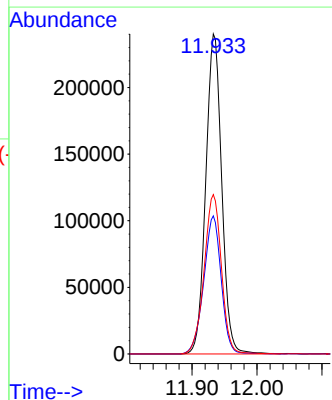
MMDadoda
2/16/2021 3:08:08 PM

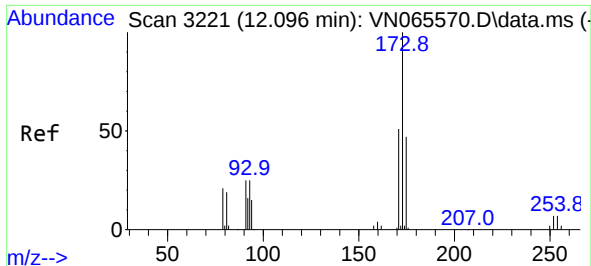


#70
Styrene
Concen: 52.95 ug/l
RT: 11.933 min Scan# 3170
Delta R.T. 0.001 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

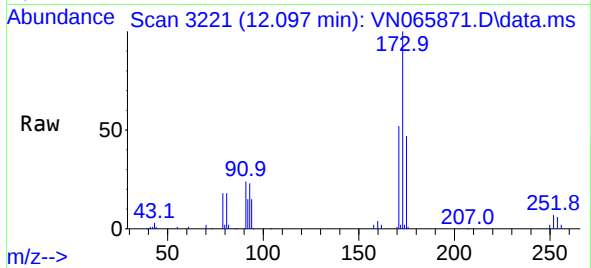


Tgt Ion:104 Resp: 410844
Ion Ratio Lower Upper
104 100
78 47.3 39.0 58.4
103 54.2 44.5 66.7

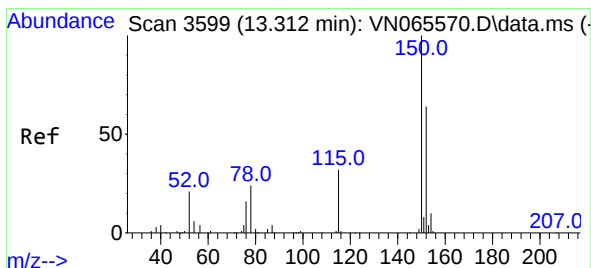
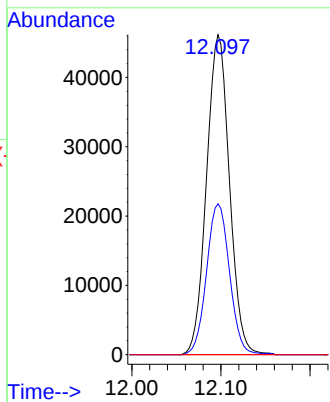
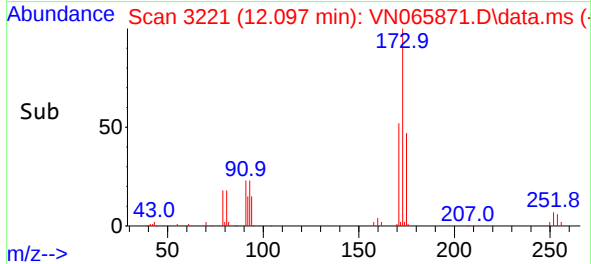




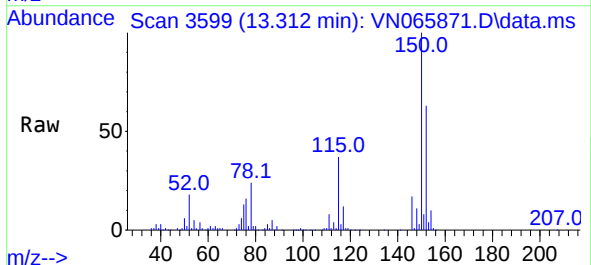
#71
Bromoform
Concen: 47.18 ug/l
RT: 12.097 min Scan# 3221
Delta R.T. 0.001 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50



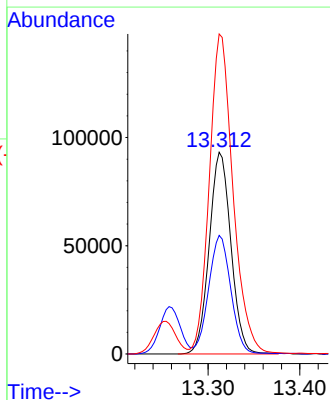
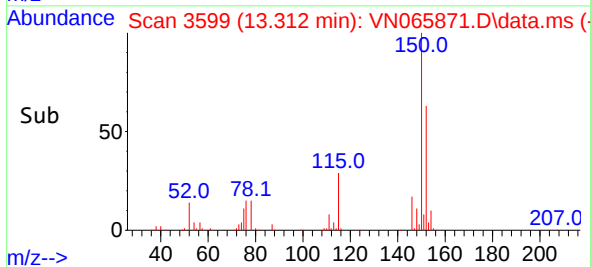
Tgt Ion:173 Resp: 82470
Ion Ratio Lower Upper
173 100
175 47.3 23.8 71.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.312 min Scan# 3599
Delta R.T. 0.000 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50



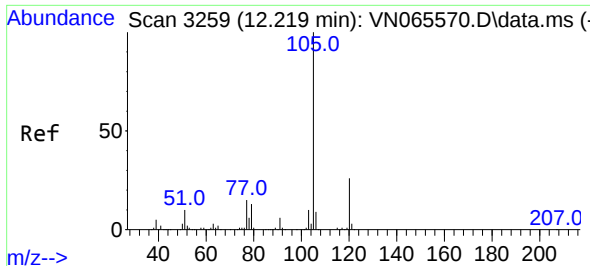
Tgt Ion:152 Resp: 153417
Ion Ratio Lower Upper
152 100
115 59.4 28.5 85.6
150 172.5 0.0 347.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

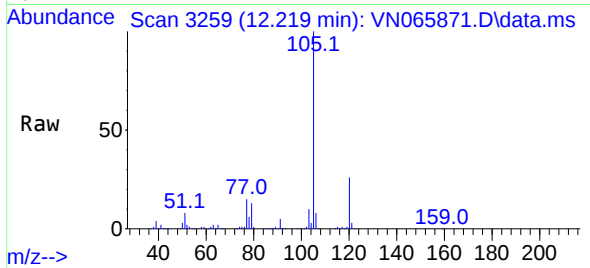
Manual Integrations
APPROVED

MMDadoda
2/16/2021 3:08:08 PM



#73
Isopropylbenzene
Concen: 46.89 ug/l
RT: 12.219 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

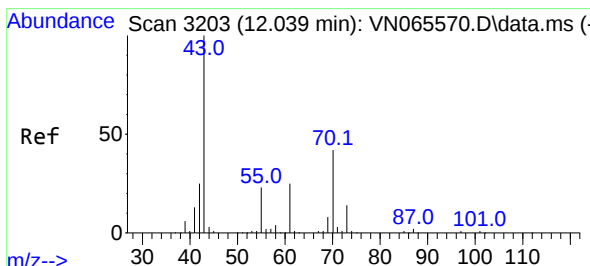
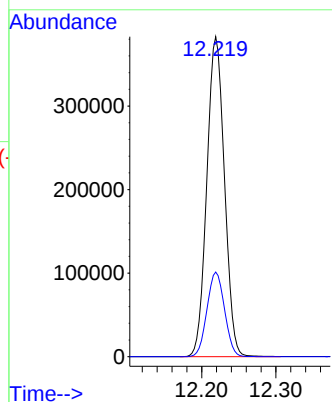
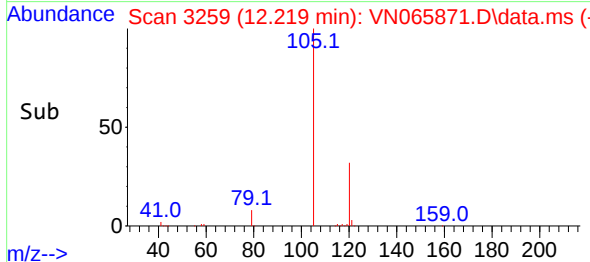
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



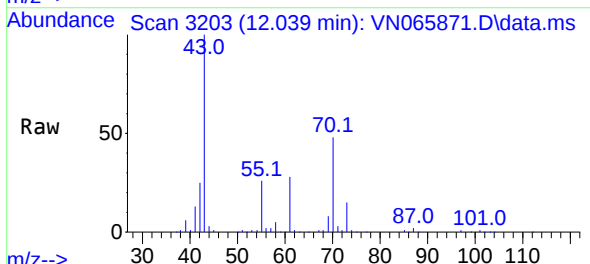
Tgt Ion:105 Resp: 629837
Ion Ratio Lower Upper
105 100
120 26.3 13.3 39.9

Manual Integrations
APPROVED

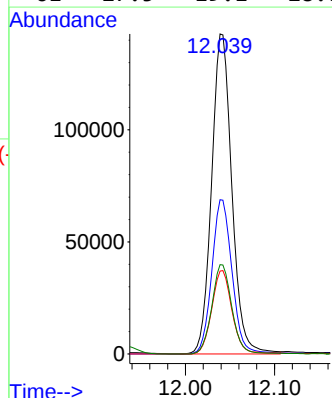
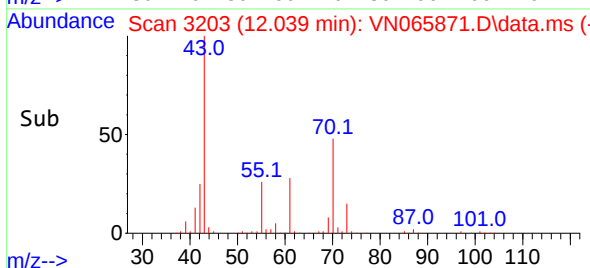
MMDadoda
2/16/2021 3:08:08 PM

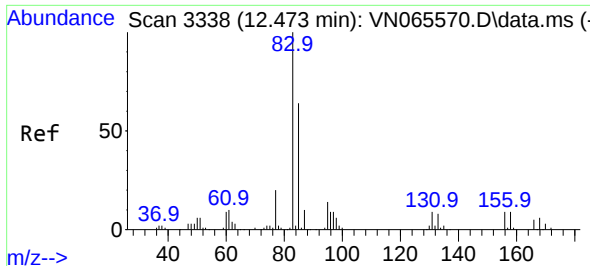


#74
N-ethyl acetate
Concen: 39.68 ug/l
RT: 12.039 min Scan# 3203
Delta R.T. -0.000 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50



Tgt Ion: 43 Resp: 225469
Ion Ratio Lower Upper
43 100
70 48.3 34.4 51.6
55 25.9 20.7 31.1
61 27.5 19.1 28.7





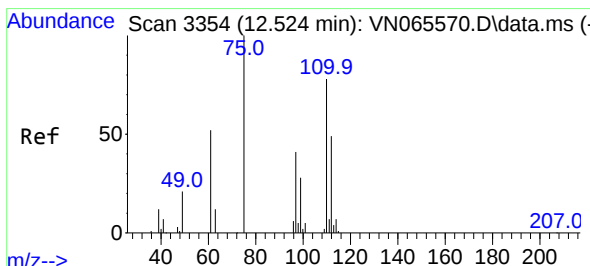
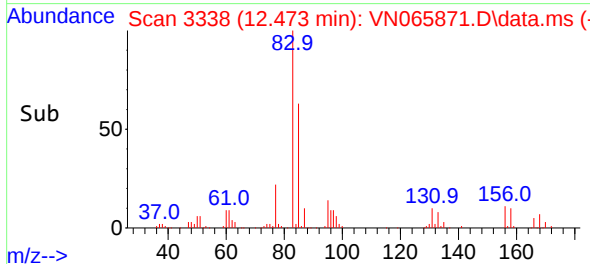
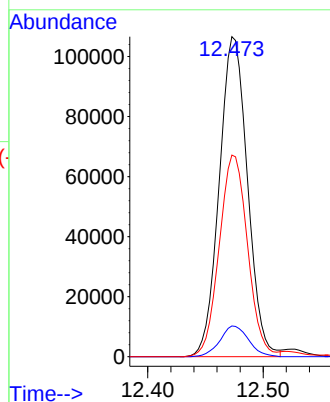
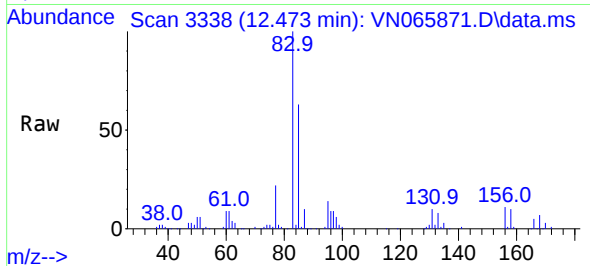
#75
1,1,2,2-Tetrachloroethane
Concen: 45.70 ug/l
RT: 12.473 min Scan# 3338
Delta R.T. -0.000 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

Tgt Ion: 83 Resp: 181298
Ion Ratio Lower Upper
83 100
131 9.7 5.3 15.8
85 63.2 32.0 96.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

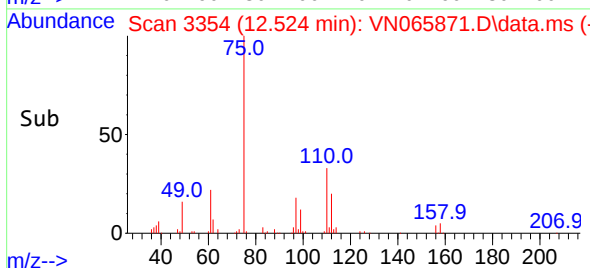
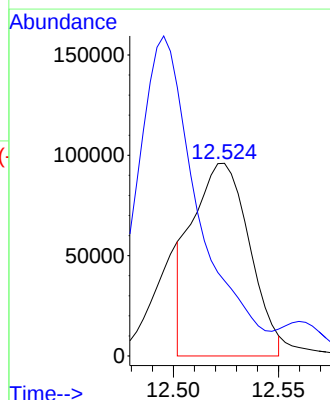
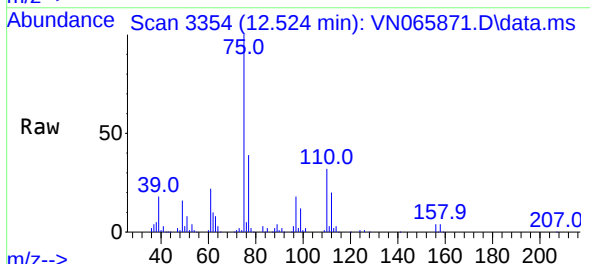
Manual Integrations
APPROVED

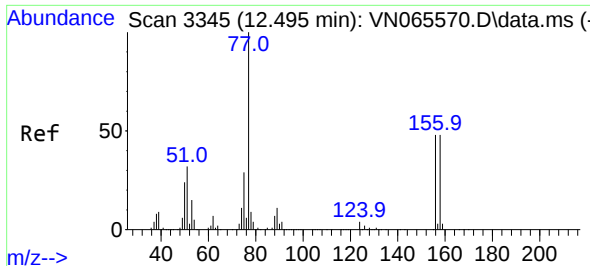
MMDadoda
2/16/2021 3:08:08 PM



#76
1,2,3-Trichloropropane
Concen: 45.09 ug/l m
RT: 12.524 min Scan# 3354
Delta R.T. 0.000 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

Tgt Ion: 75 Resp: 180891
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





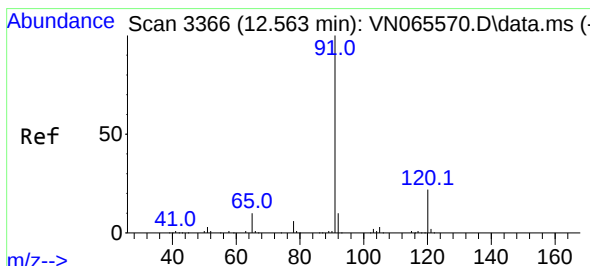
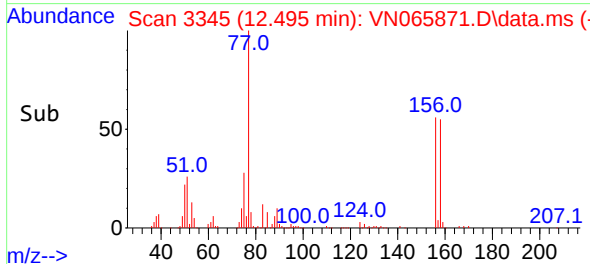
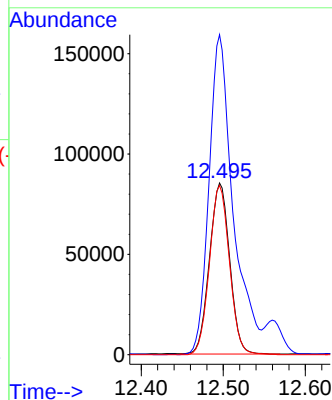
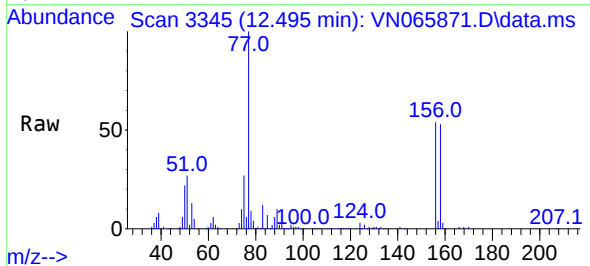
#77
Bromobenzene
Concen: 50.35 ug/l
RT: 12.495 min Scan# 3345
Delta R.T. 0.000 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

Tgt Ion:156 Resp: 146445
Ion Ratio Lower Upper
156 100
77 222.4 96.3 288.8
158 97.5 49.0 147.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

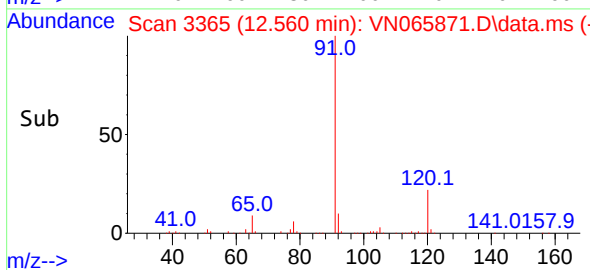
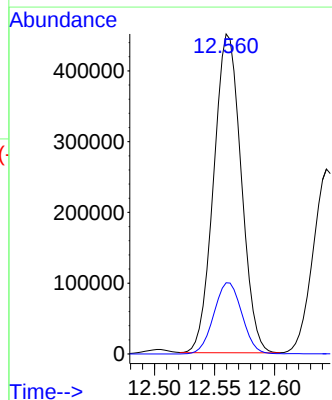
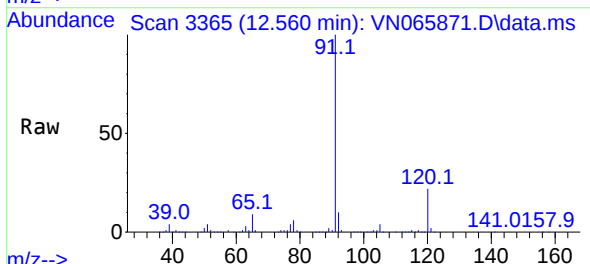
Manual Integrations
APPROVED

MMDadoda
2/16/2021 3:08:08 PM



#78
n-propylbenzene
Concen: 45.28 ug/l
RT: 12.560 min Scan# 3365
Delta R.T. -0.003 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

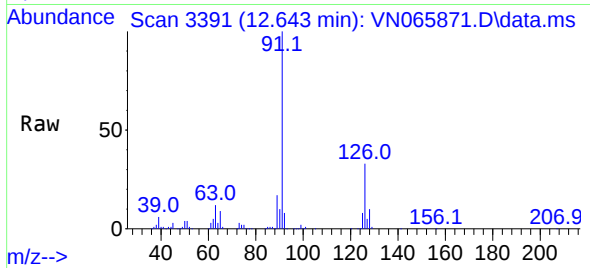
Tgt Ion: 91 Resp: 716803
Ion Ratio Lower Upper
91 100
120 22.9 11.8 35.3





#79
2-Chlorotoluene
Concen: 45.90 ug/l
RT: 12.643 min Scan# 3391
Delta R.T. 0.000 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

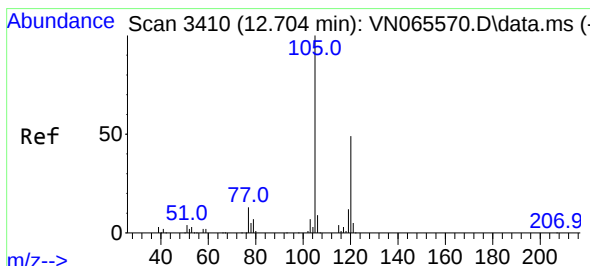
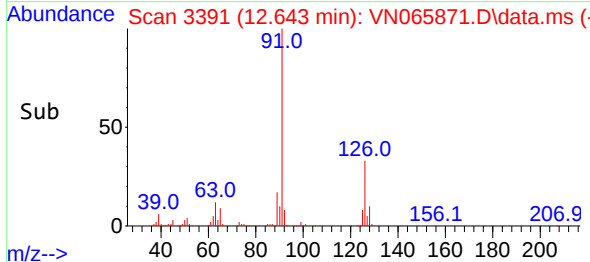
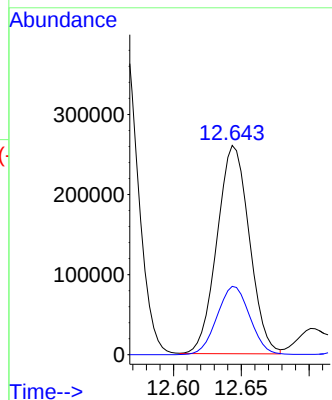
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



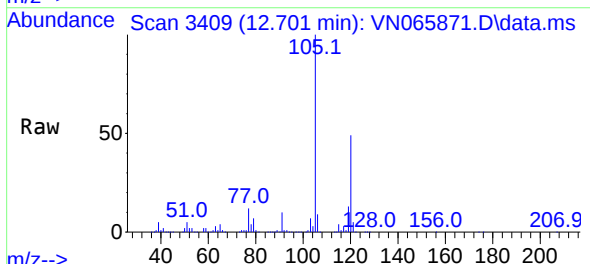
Tgt Ion: 91 Resp: 431514
Ion Ratio Lower Upper
91 100
126 33.4 17.4 52.3

Manual Integrations
APPROVED

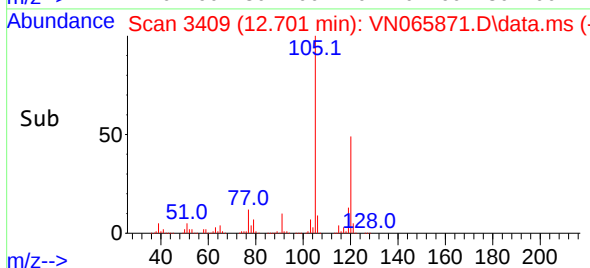
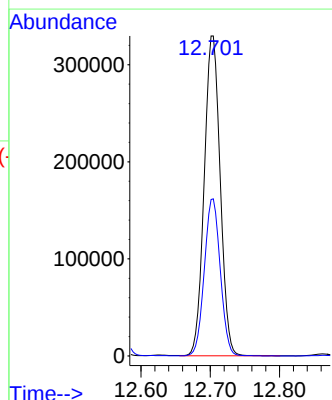
MMDadoda
2/16/2021 3:08:08 PM

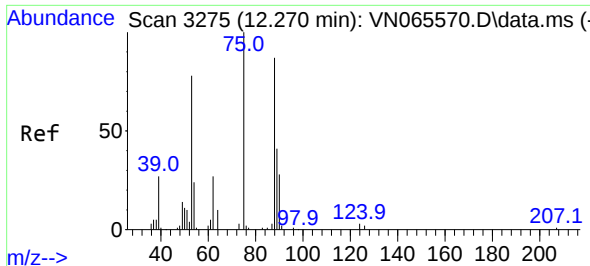


#80
1,3,5-Trimethylbenzene
Concen: 46.12 ug/l
RT: 12.701 min Scan# 3409
Delta R.T. -0.003 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50



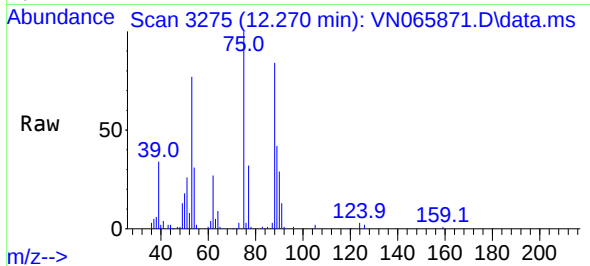
Tgt Ion: 105 Resp: 527498
Ion Ratio Lower Upper
105 100
120 48.9 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 40.38 ug/l
RT: 12.270 min Scan# 3275
Delta R.T. 0.000 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

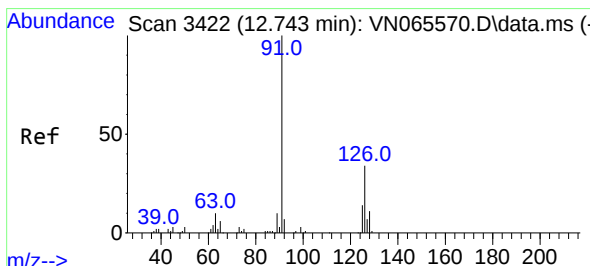
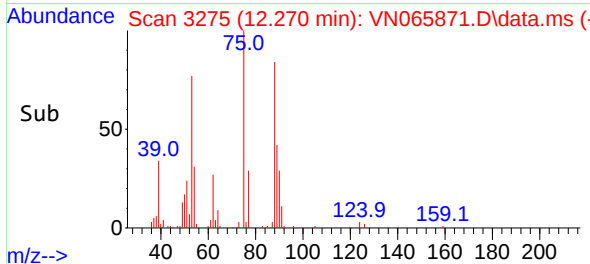
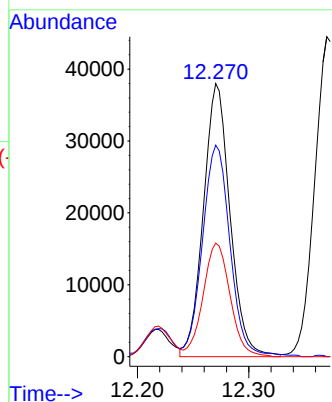
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 63241
Ion Ratio Lower Upper
75 100
53 80.5 74.6 111.8
89 42.0 35.8 53.8

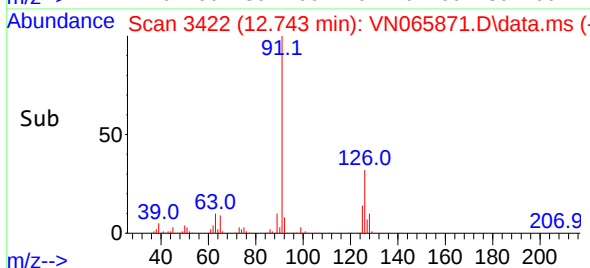
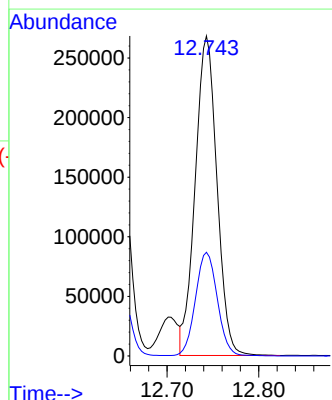
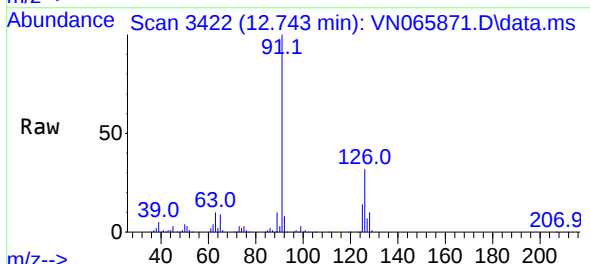
Manual Integrations
APPROVED

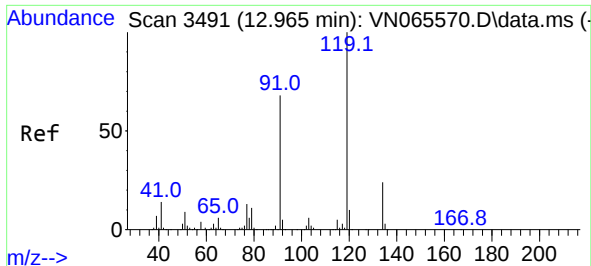
MMDadoda
2/16/2021 3:08:08 PM



#82
4-Chlorotoluene
Concen: 45.88 ug/l
RT: 12.743 min Scan# 3422
Delta R.T. -0.000 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

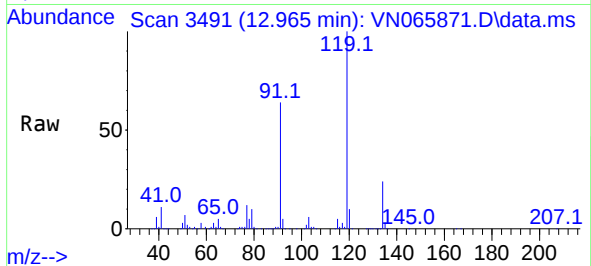
Tgt Ion: 91 Resp: 440326
Ion Ratio Lower Upper
91 100
126 32.9 17.2 51.6





#83
tert-Butylbenzene
Concen: 45.47 ug/l
RT: 12.965 min Scan# 3491
Delta R.T. -0.000 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

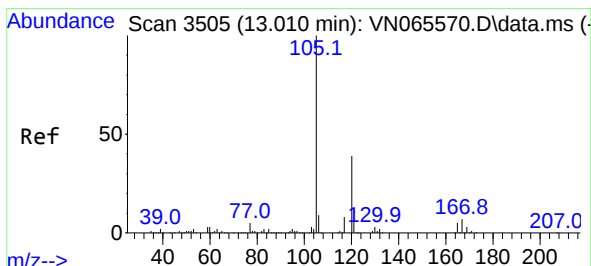
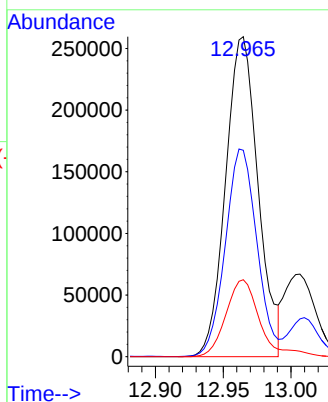
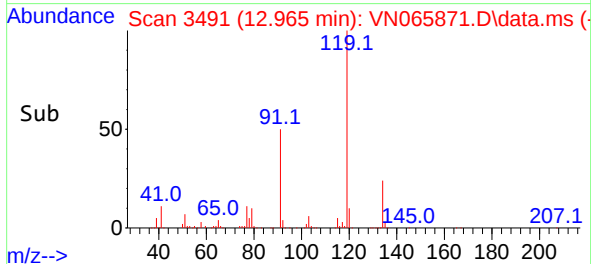
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



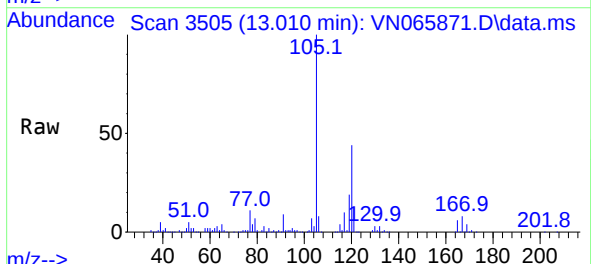
Tgt Ion:119 Resp: 433652
Ion Ratio Lower Upper
119 100
91 62.8 33.0 98.9
134 25.1 12.7 38.1

Manual Integrations
APPROVED

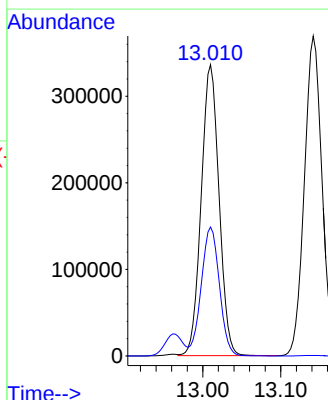
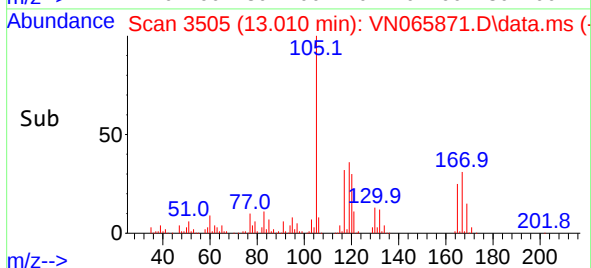
MMDadoda
2/16/2021 3:08:08 PM

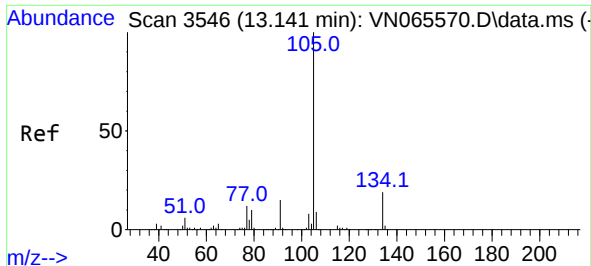


#84
1,2,4-Trimethylbenzene
Concen: 46.76 ug/l
RT: 13.010 min Scan# 3505
Delta R.T. -0.000 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50



Tgt Ion:105 Resp: 533390
Ion Ratio Lower Upper
105 100
120 45.1 22.4 67.0





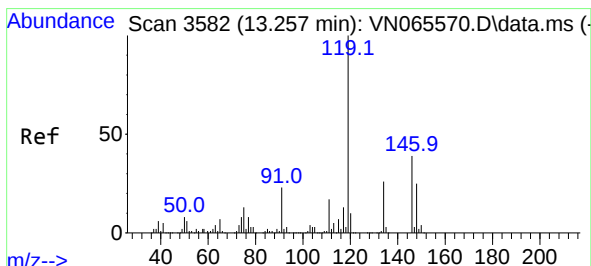
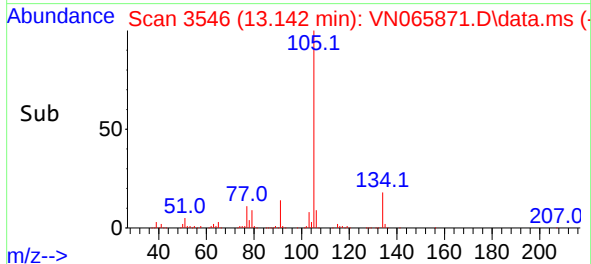
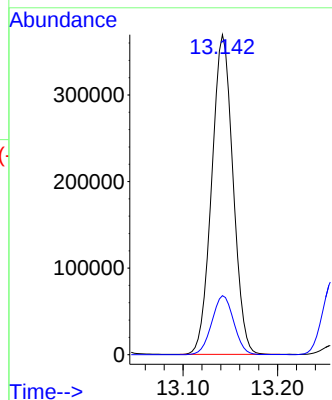
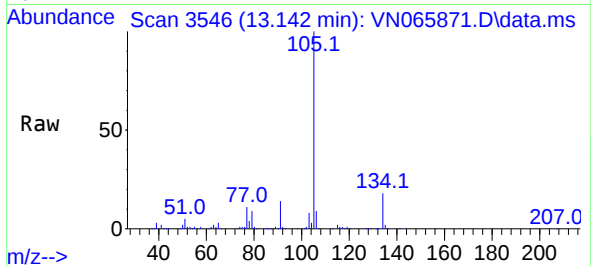
#85
 sec-Butylbenzene
 Concen: 44.83 ug/l
 RT: 13.142 min Scan# 3546
 Delta R.T. 0.001 min
 Lab File: VN065871.D
 Acq: 15 Feb 2021 16:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 577233
 Ion Ratio Lower Upper
 105 100
 134 19.0 10.0 30.0

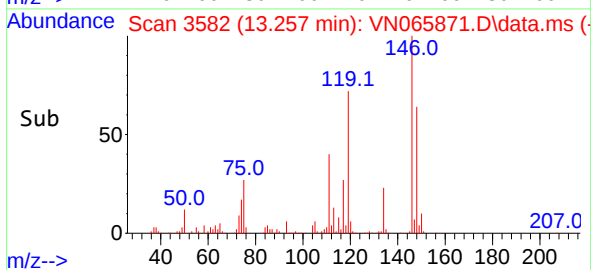
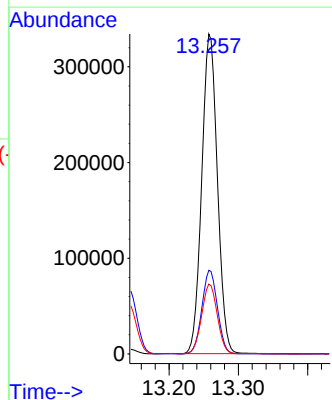
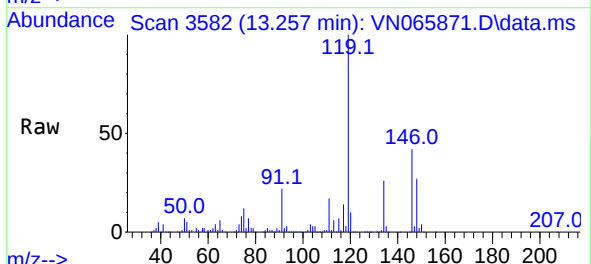
Manual Integrations
 APPROVED

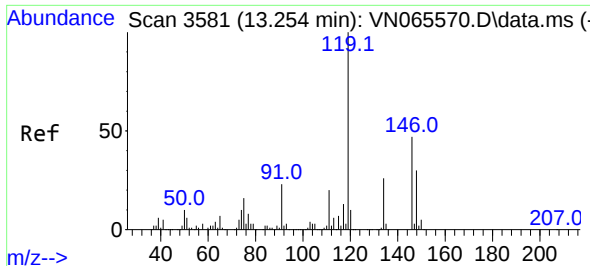
MMDadoda
 2/16/2021 3:08:08 PM



#86
 p-Isopropyltoluene
 Concen: 46.02 ug/l
 RT: 13.257 min Scan# 3582
 Delta R.T. 0.000 min
 Lab File: VN065871.D
 Acq: 15 Feb 2021 16:50

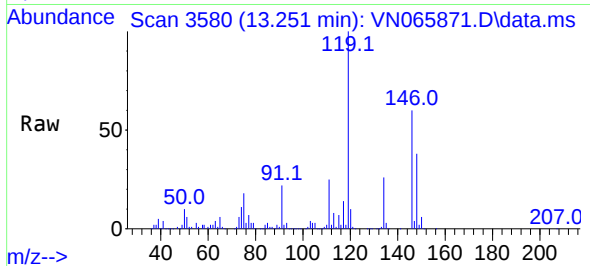
Tgt Ion:119 Resp: 523177
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.3 39.8
 91 21.8 11.8 35.3





#87
1,3-Dichlorobenzene
Concen: 50.34 ug/l
RT: 13.251 min Scan# 3580
Delta R.T. -0.003 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

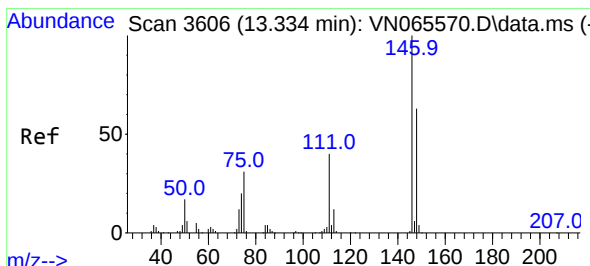
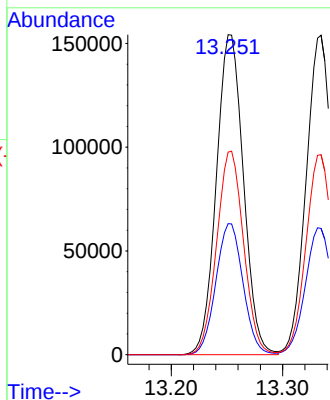
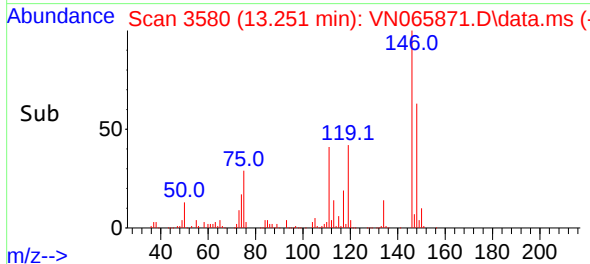
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



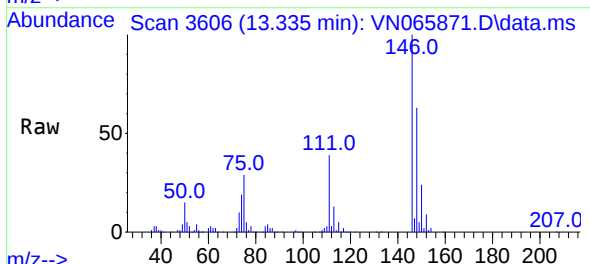
Tgt Ion:146 Resp: 261017
Ion Ratio Lower Upper
146 100
111 41.0 19.5 58.5
148 63.3 32.3 96.9

Manual Integrations
APPROVED

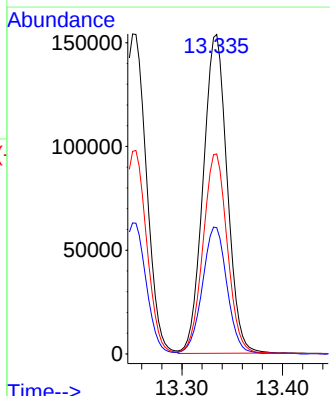
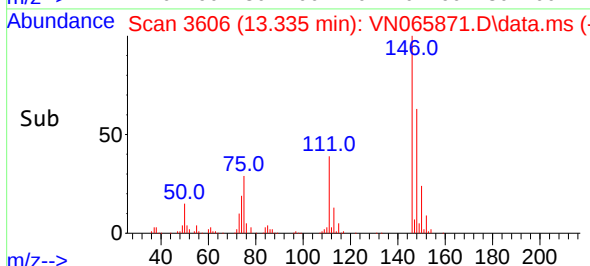
MMDadoda
2/16/2021 3:08:08 PM



#88
1,4-Dichlorobenzene
Concen: 48.46 ug/l
RT: 13.335 min Scan# 3606
Delta R.T. 0.001 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50



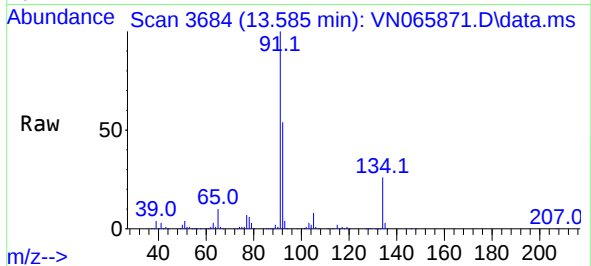
Tgt Ion:146 Resp: 254964
Ion Ratio Lower Upper
146 100
111 40.3 19.0 57.0
148 63.4 31.8 95.3





#89
n-Butylbenzene
Concen: 43.94 ug/l
RT: 13.585 min Scan# 3684
Delta R.T. 0.000 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

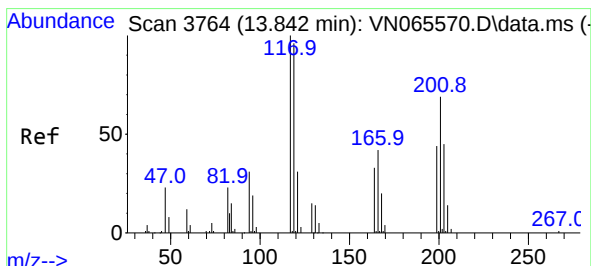
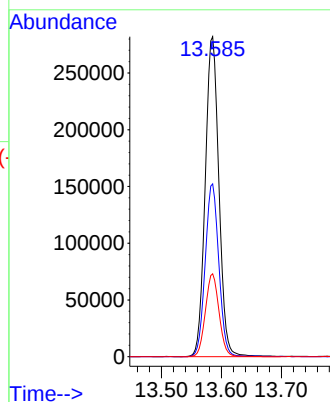
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



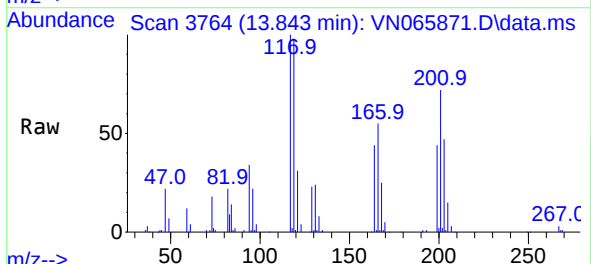
Tgt Ion: 91 Resp: 448812
Ion Ratio Lower Upper
91 100
92 53.7 26.1 78.3
134 25.8 13.0 38.9

Manual Integrations
APPROVED

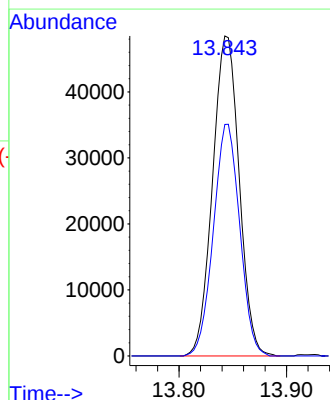
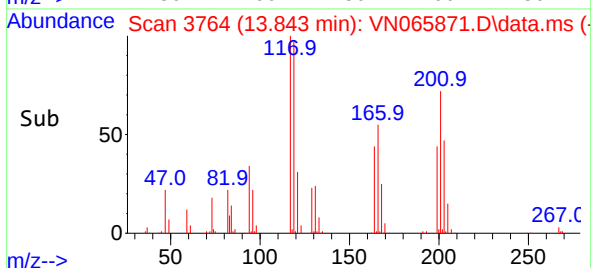
MMDadoda
2/16/2021 3:08:08 PM

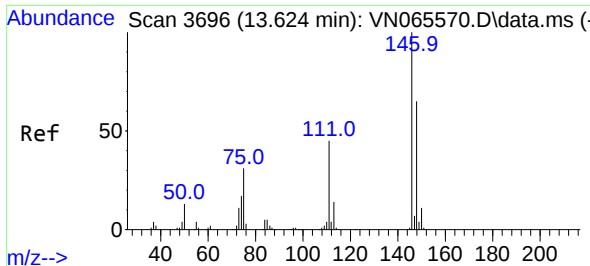


#90
Hexachloroethane
Concen: 41.88 ug/l
RT: 13.843 min Scan# 3764
Delta R.T. 0.001 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

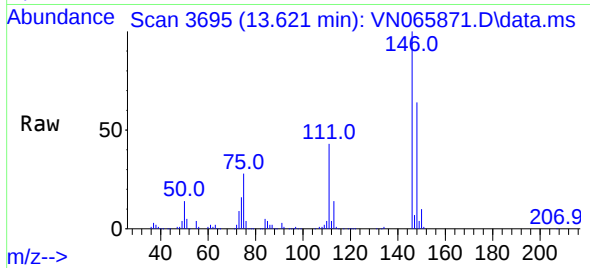


Tgt Ion: 117 Resp: 83309
Ion Ratio Lower Upper
117 100
201 71.6 37.8 113.3

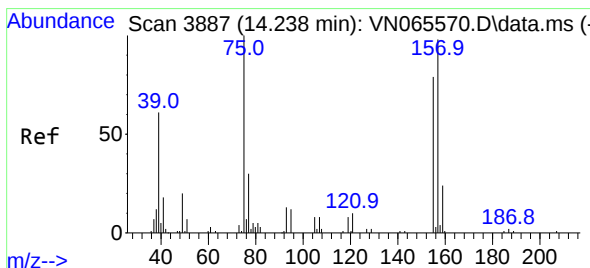
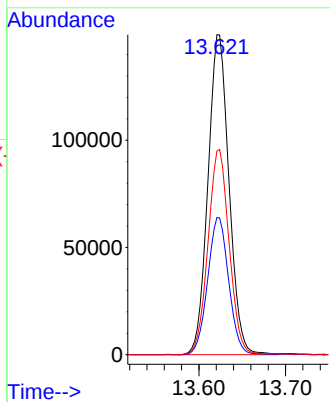
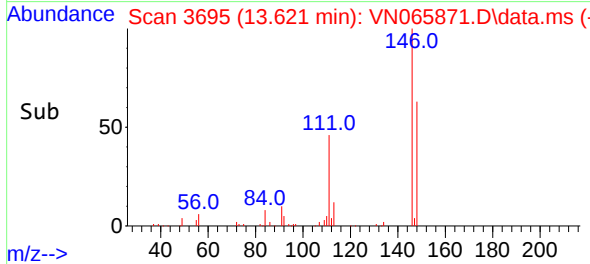




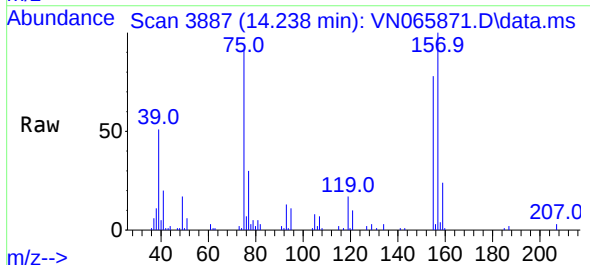
#91
1,2-Dichlorobenzene
Concen: 49.03 ug/l
RT: 13.621 min Scan# 3695
Delta R.T. -0.003 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50



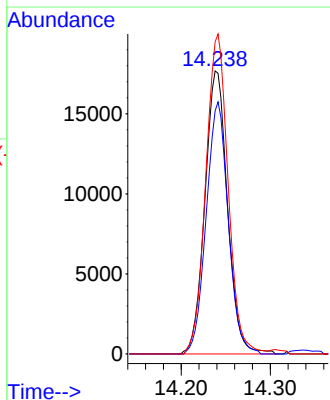
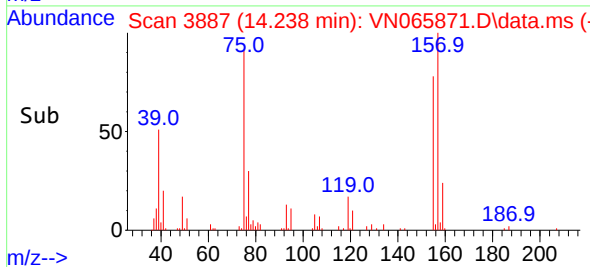
Tgt Ion:146 Resp: 252197
Ion Ratio Lower Upper
146 100
111 42.9 20.1 60.3
148 64.3 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 39.67 ug/l
RT: 14.238 min Scan# 3887
Delta R.T. 0.000 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50



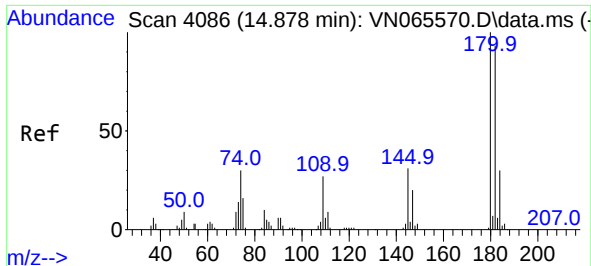
Tgt Ion: 75 Resp: 31232
Ion Ratio Lower Upper
75 100
155 86.5 44.1 132.4
157 111.2 56.0 168.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

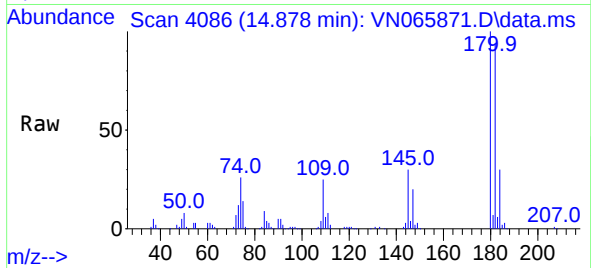
Manual Integrations
APPROVED

MMDadoda
2/16/2021 3:08:08 PM



#93
1,2,4-Trichlorobenzene
Concen: 44.27 ug/l
RT: 14.878 min Scan# 4086
Delta R.T. -0.000 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

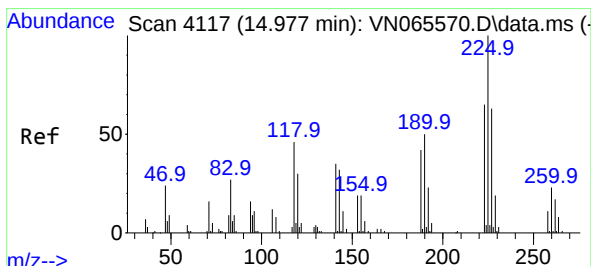
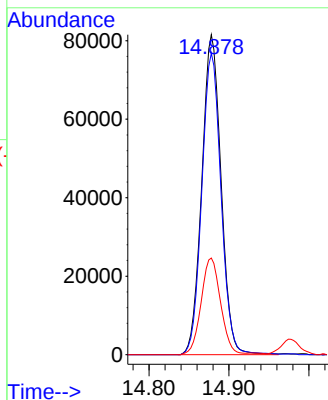
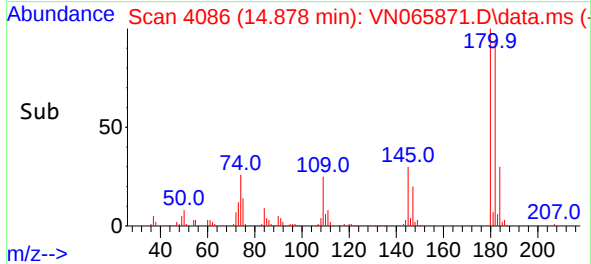
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



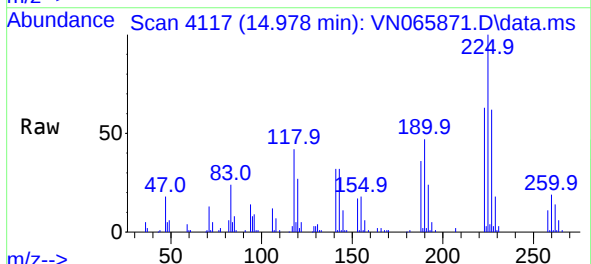
Tgt Ion:180 Resp: 136705
Ion Ratio Lower Upper
180 100
182 94.0 47.3 142.0
145 30.5 15.6 46.8

Manual Integrations
APPROVED

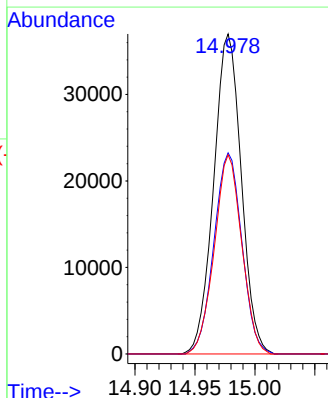
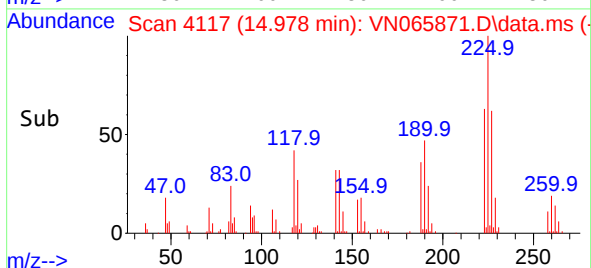
MMDadoda
2/16/2021 3:08:08 PM



#94
Hexachlorobutadiene
Concen: 46.48 ug/l
RT: 14.978 min Scan# 4117
Delta R.T. 0.001 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50



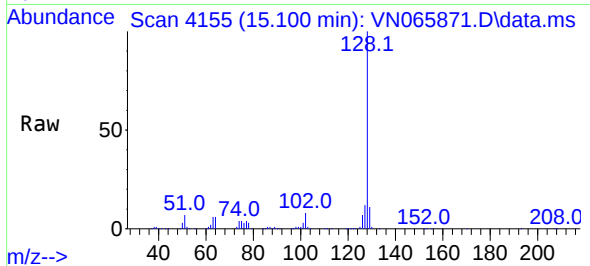
Tgt Ion:225 Resp: 59097
Ion Ratio Lower Upper
225 100
223 63.7 31.9 95.9
227 61.7 31.6 95.0





#95
Naphthalene
Concen: 44.40 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. -0.000 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50

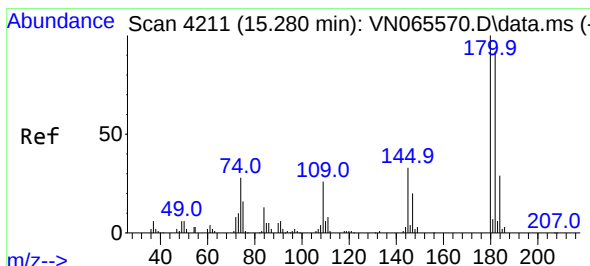
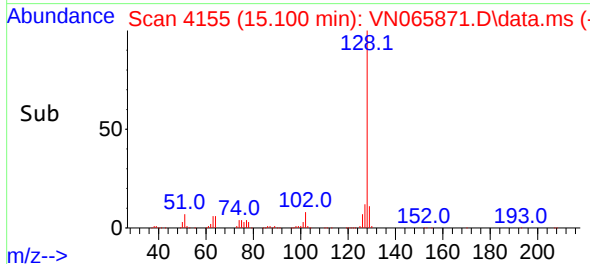
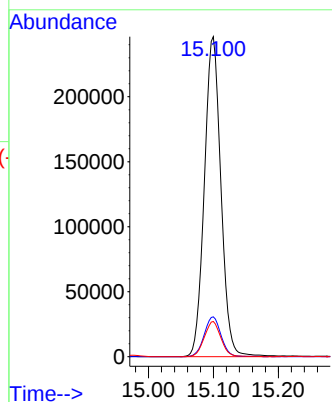
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



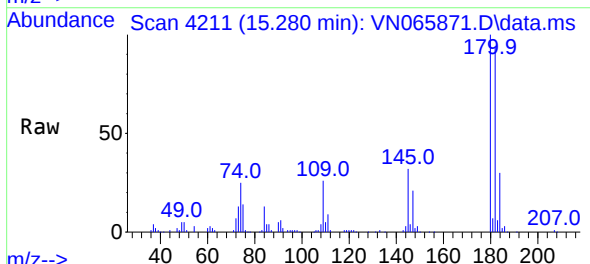
Tgt Ion:128 Resp: 437141
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 11.0 8.6 13.0

Manual Integrations
APPROVED

MMDadoda
2/16/2021 3:08:08 PM



#96
1,2,3-Trichlorobenzene
Concen: 43.99 ug/l
RT: 15.280 min Scan# 4211
Delta R.T. -0.000 min
Lab File: VN065871.D
Acq: 15 Feb 2021 16:50



Tgt Ion:180 Resp: 133937
Ion Ratio Lower Upper
180 100
182 94.3 47.4 142.3
145 32.4 16.5 49.5

