

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061220\
 Data File : VN061779.D
 Acq On : 12 Jun 2020 9:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/15/2020 11:08:27 AM

Quant Time: Jun 13 05:20:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	324189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	486091	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	473363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	248167	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	175655	45.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.96%	
35) Dibromofluoromethane	7.54	113	136141	55.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.42%	
50) Toluene-d8	10.06	98	612514	53.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.20%	
62) 4-Bromofluorobenzene	12.37	95	223769	53.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	176230	47.149	ug/l	96
3) Chloromethane	2.03	50	169006	42.742	ug/l	97
4) Vinyl Chloride	2.16	62	230095	42.465	ug/l	98
5) Bromomethane	2.52	94	155316	49.953	ug/l	97
6) Chloroethane	2.66	64	158945	45.573	ug/l	99
7) Trichlorofluoromethane	2.98	101	341449	48.867	ug/l	99
8) Diethyl Ether	3.37	74	105598	49.423	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.71	101	163942	52.873	ug/l	96
10) Methyl Iodide	3.91	142	221503	51.461	ug/l	98
11) Tert butyl alcohol	4.73	59	130727	254.452	ug/l	99
12) 1,1-Dichloroethene	3.69	96	155678	46.995	ug/l	92
13) Acrolein	3.56	56	31153	203.639	ug/l	99
14) Allyl chloride	4.27	41	188577	43.543	ug/l	97
15) Acrylonitrile	4.92	53	347928	242.627	ug/l	99
16) Acetone	3.77	43	289266	272.291	ug/l	100
17) Carbon Disulfide	4.01	76	294735	40.440	ug/l	99
18) Methyl Acetate	4.27	43	169223	48.397	ug/l	95
19) Methyl tert-butyl Ether	4.99	73	539899	47.821	ug/l	99
20) Methylene Chloride	4.50	84	183759	52.427	ug/l	95
21) trans-1,2-Dichloroethene	4.98	96	178393	47.752	ug/l	93
22) Diisopropyl ether	5.90	45	457598	47.940	ug/l	98
23) Vinyl Acetate	5.84	43	1685928	221.607	ug/l	96
24) 1,1-Dichloroethane	5.79	63	292720	48.361	ug/l	99
25) 2-Butanone	6.78	43	412188	225.171	ug/l	96
26) 2,2-Dichloropropane	6.77	77	269908	48.721	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	213713	50.520	ug/l	97
28) Bromochloromethane	7.15	49	107177	47.086	ug/l	92
29) Tetrahydrofuran	7.16	42	269680	223.412	ug/l	96
30) Chloroform	7.32	83	338207	50.506	ug/l	99
31) Cyclohexane	7.61	56	234026	42.991	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	295123	48.368	ug/l	99
36) 1,1-Dichloropropene	7.75	75	233250	54.204	ug/l	99
37) Ethyl Acetate	6.88	43	175412	50.611	ug/l	97
38) Carbon Tetrachloride	7.73	117	246000	59.267	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061220\
 Data File : VN061779.D
 Acq On : 12 Jun 2020 9:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/15/2020 11:08:27 AM

Quant Time: Jun 13 05:20:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	274631	51.779	ug/l	97
40) Benzene	8.00	78	732933	55.202	ug/l	99
41) Methacrylonitrile	7.12	41	80843	50.910	ug/l #	71
42) 1,2-Dichloroethane	8.08	62	237633	53.460	ug/l	99
43) Isopropyl Acetate	8.12	43	305247	48.953	ug/l	92
44) Trichloroethene	8.80	130	230334	56.449	ug/l	95
45) 1,2-Dichloropropane	9.08	63	178408	56.588	ug/l	97
46) Dibromomethane	9.17	93	134512	55.630	ug/l	94
47) Bromodichloromethane	9.37	83	279810	58.408	ug/l	100
48) Methyl methacrylate	9.17	41	133386	47.545	ug/l	95
49) 1,4-Dioxane	9.16	88	65871	1515.611	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	901267	256.486	ug/l	98
52) Toluene	10.12	92	493637	56.963	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	293382	56.849	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	316865	57.104	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	200202	57.987	ug/l	97
56) Ethyl methacrylate	10.40	69	267649	55.496	ug/l	97
57) 1,3-Dichloropropane	10.68	76	318817	57.737	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	488885	237.204	ug/l	98
59) 2-Hexanone	10.72	43	641247	254.101	ug/l	96
60) Dibromochloromethane	10.87	129	237384	60.479	ug/l	99
61) 1,2-Dibromoethane	10.98	107	208127	57.800	ug/l	99
64) Tetrachloroethene	10.60	164	247940	55.644	ug/l	97
65) Chlorobenzene	11.40	112	549311	55.827	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	212981	58.132	ug/l	99
67) Ethyl Benzene	11.48	91	948518	55.774	ug/l	99
68) m/p-Xylenes	11.59	106	744741	110.444	ug/l	100
69) o-Xylene	11.92	106	356560	55.672	ug/l	100
70) Styrene	11.94	104	617691	58.238	ug/l	98
71) Bromoform	12.10	173	170066	60.240	ug/l #	99
73) Isopropylbenzene	12.22	105	948819	52.384	ug/l	99
74) N-amyl acetate	12.04	43	266718	46.758	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	255308	50.299	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	215684m	47.796	ug/l	
77) Bromobenzene	12.50	156	255568	55.276	ug/l	96
78) n-propylbenzene	12.56	91	1069899	52.911	ug/l	100
79) 2-Chlorotoluene	12.65	91	620520	51.464	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	798509	52.745	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	87424	49.542	ug/l	98
82) 4-Chlorotoluene	12.75	91	656227	51.735	ug/l	98
83) tert-Butylbenzene	12.97	119	683404	51.092	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	794269	52.811	ug/l	97
85) sec-Butylbenzene	13.15	105	896078	51.988	ug/l	99
86) p-Isopropyltoluene	13.26	119	841911	53.040	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	455999	55.696	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	453125	54.328	ug/l	99
89) n-Butylbenzene	13.59	91	694649	52.248	ug/l	99
90) Hexachloroethane	13.85	117	120090	68.411	ug/l	90
91) 1,2-Dichlorobenzene	13.63	146	432002	55.214	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	44668	43.150	ug/l	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061220\
Data File : VN061779.D
Acq On : 12 Jun 2020 9:59
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
6/15/2020 11:08:27 AM

Quant Time: Jun 13 05:20:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	266284	58.193	ug/l	98
94) Hexachlorobutadiene	14.99	225	113894	58.360	ug/l	99
95) Naphthalene	15.10	128	715364	51.362	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	258079	57.363	ug/l	99

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

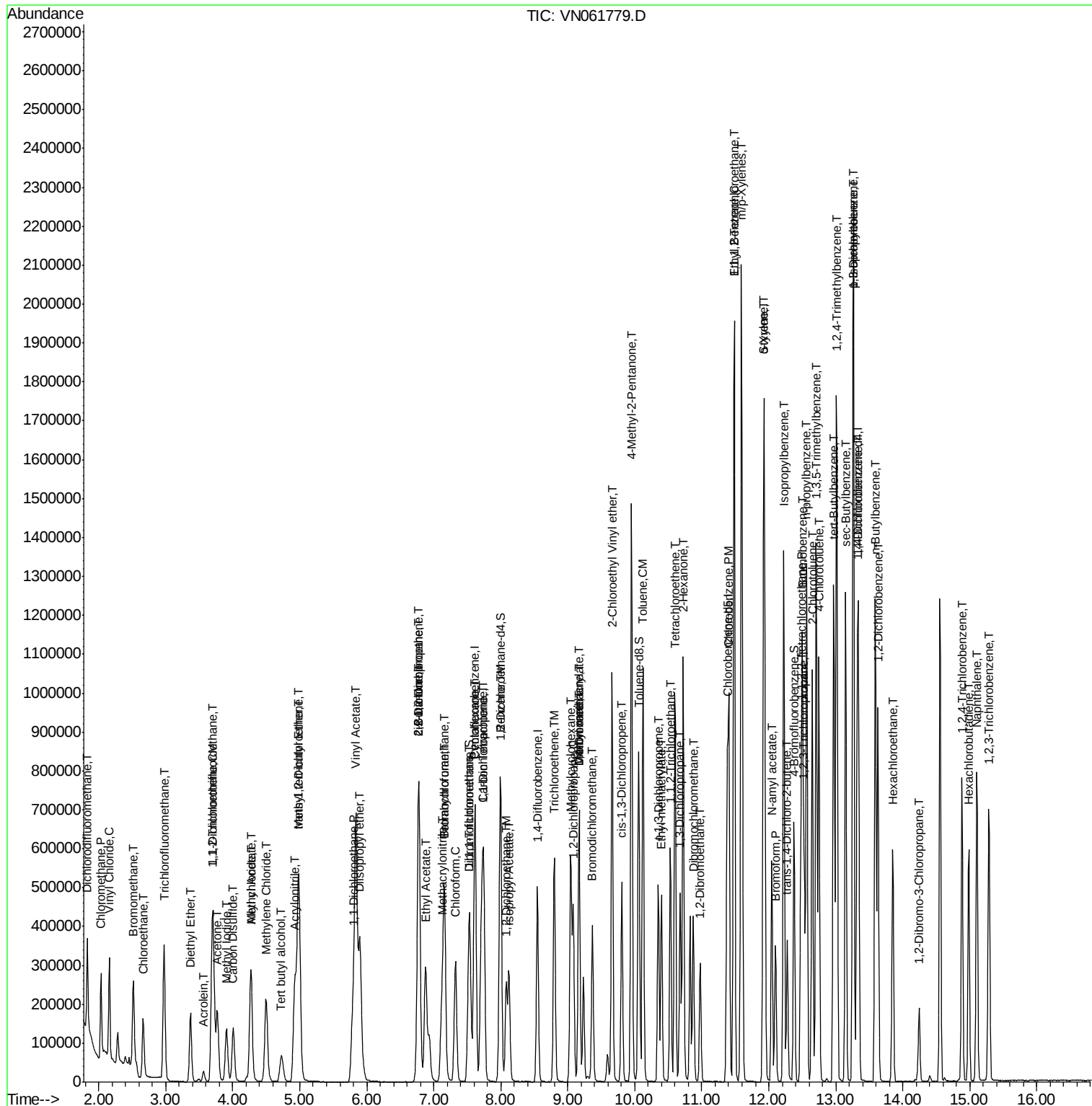
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061220\
Data File : VN061779.D
Acq On : 12 Jun 2020 9:59
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

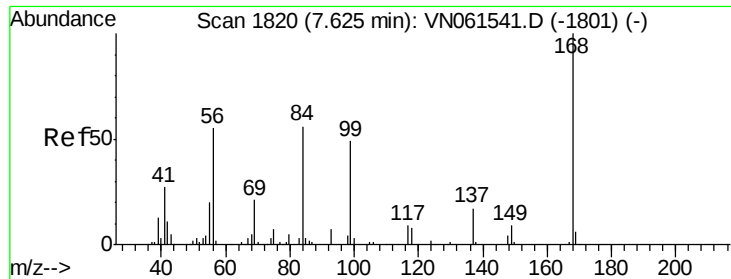
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
6/15/2020 11:08:27 AM

Quant Time: Jun 13 05:20:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 324189

Ion Ratio Lower Upper

168 100

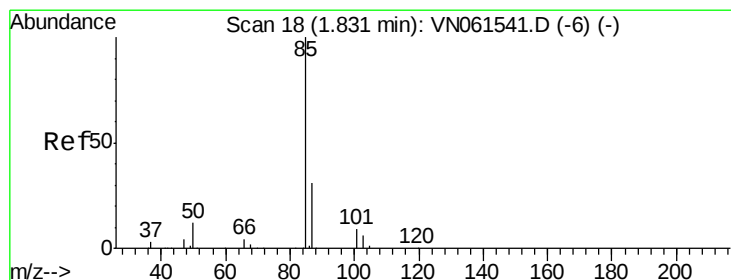
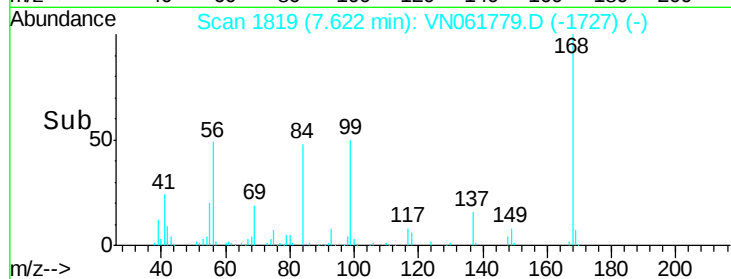
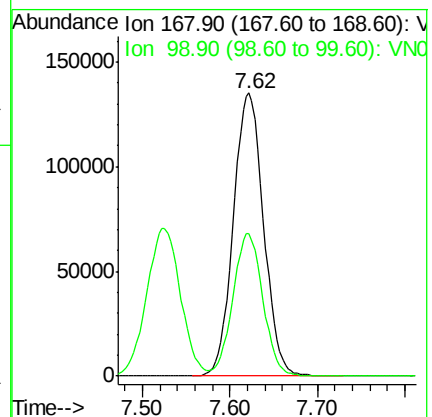
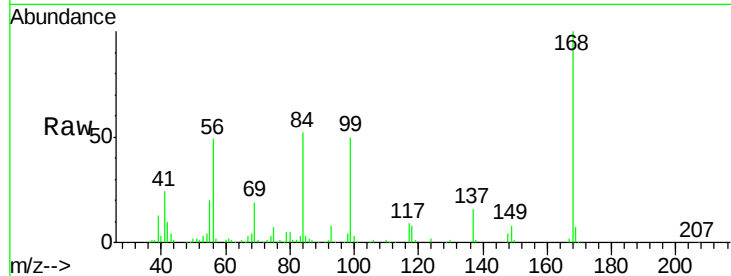
99 50.1 45.0 67.4

Manual Integrations

APPROVED

MMDadoda

6/15/2020 11:08:27 AM



#2

Dichlorodifluoromethane

Concen: 47.149 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061779.D

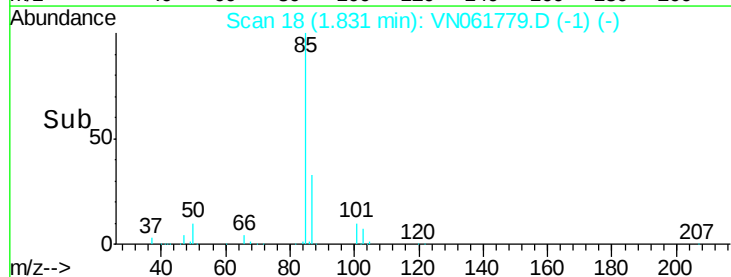
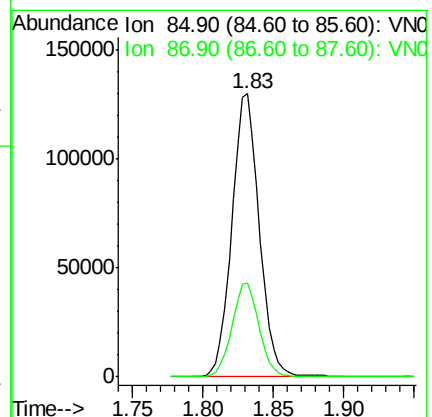
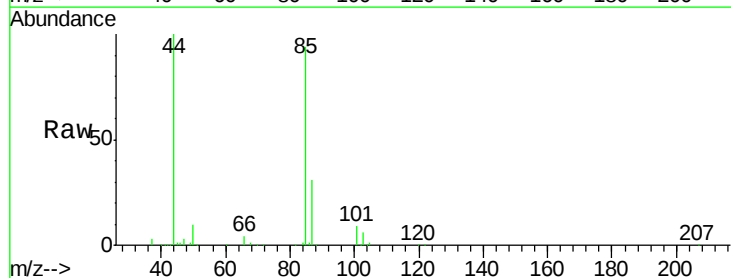
Acq: 12 Jun 2020 9:59

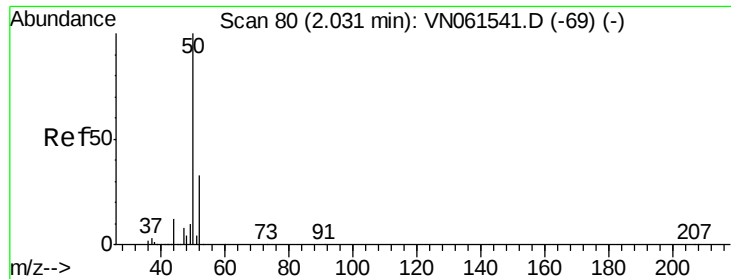
Tgt Ion: 85 Resp: 176230

Ion Ratio Lower Upper

85 100

87 33.2 15.6 46.8





#3

Chloromethane

Concen: 42.742 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 169006

Ion Ratio Lower Upper

50 100

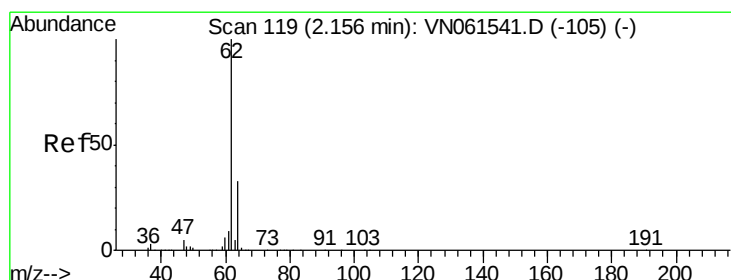
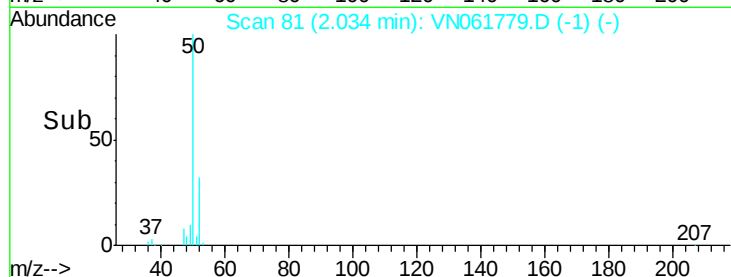
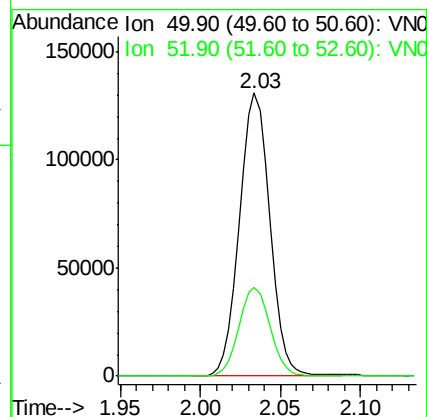
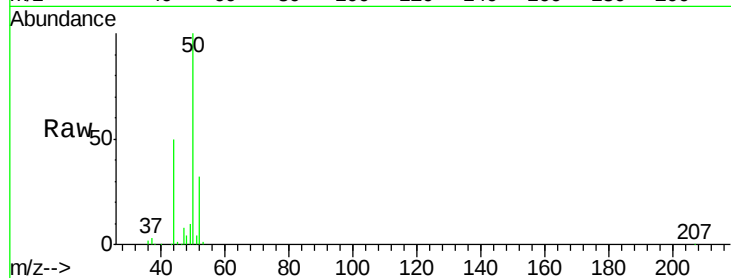
52 31.5 26.7 40.1

Manual Integrations

APPROVED

MMDadoda

6/15/2020 11:08:27 AM



#4

Vinyl Chloride

Concen: 42.465 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061779.D

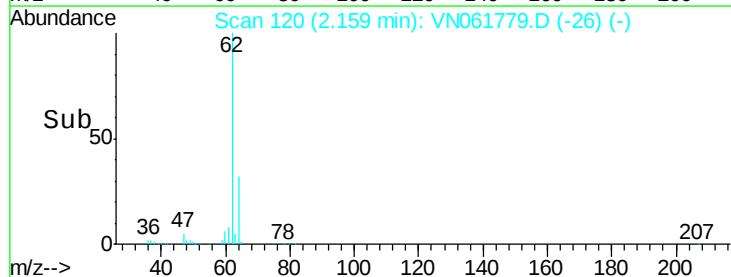
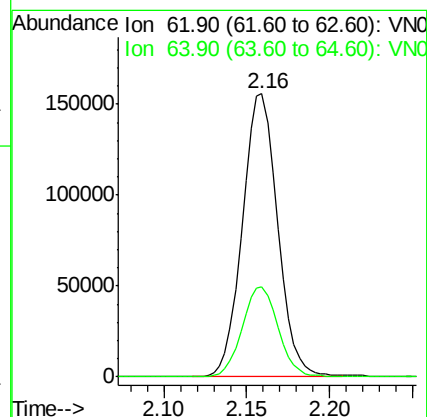
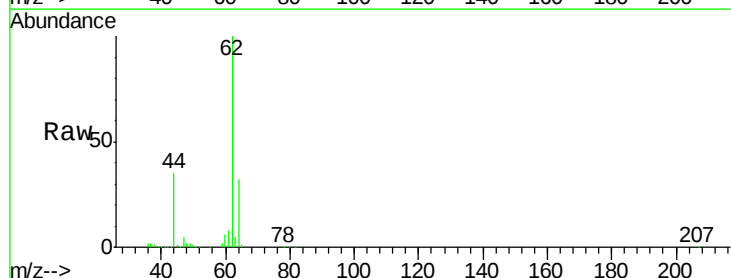
Acq: 12 Jun 2020 9:59

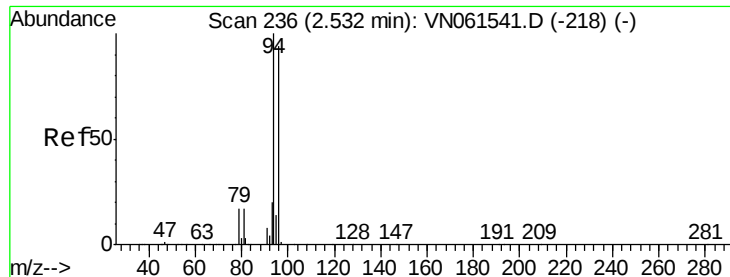
Tgt Ion: 62 Resp: 230095

Ion Ratio Lower Upper

62 100

64 31.8 26.2 39.2





#5

Bromomethane

Concen: 49.953 ug/l

RT: 2.52 min Scan# 231

Delta R.T. -0.02 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 155316

Ion Ratio Lower Upper

94 100

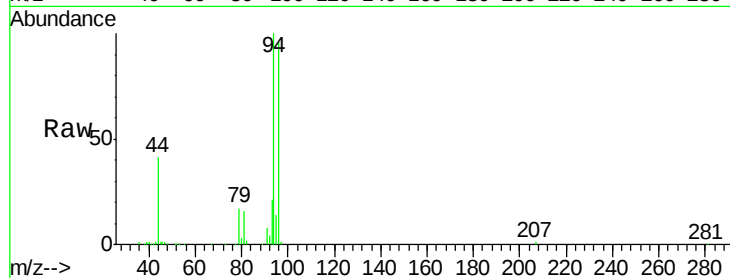
96 96.0 74.8 112.2

Manual Integrations

APPROVED

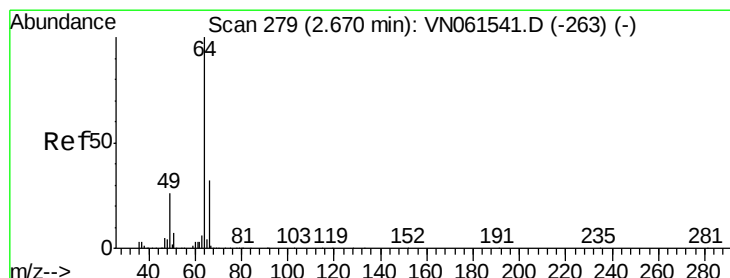
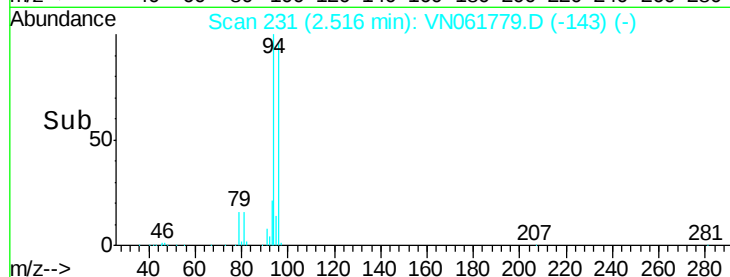
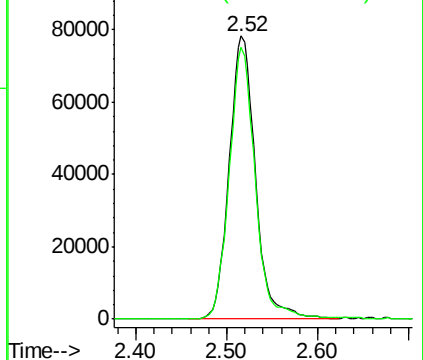
MMDadoda

6/15/2020 11:08:27 AM



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 45.573 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.01 min

Lab File: VN061779.D

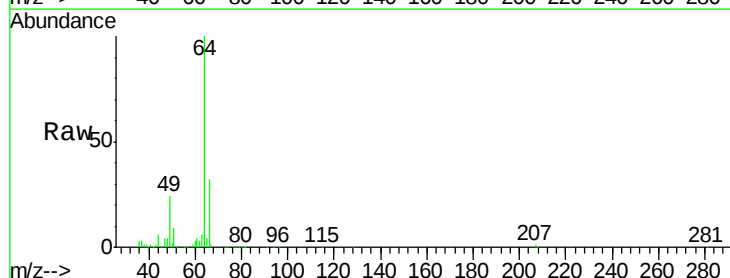
Acq: 12 Jun 2020 9:59

Tgt Ion: 64 Resp: 158945

Ion Ratio Lower Upper

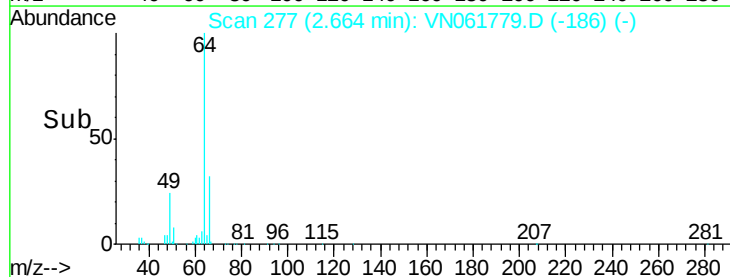
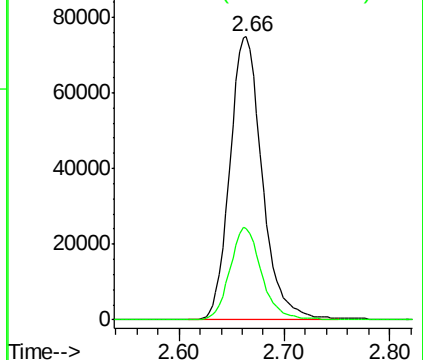
64 100

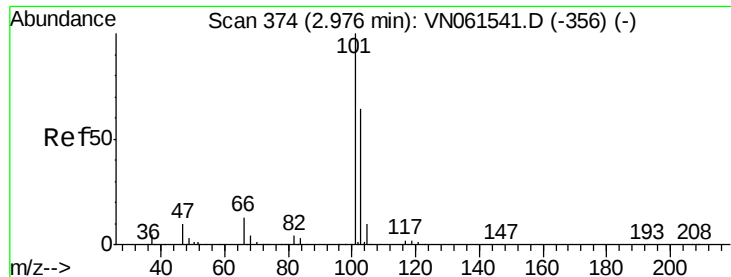
66 32.5 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

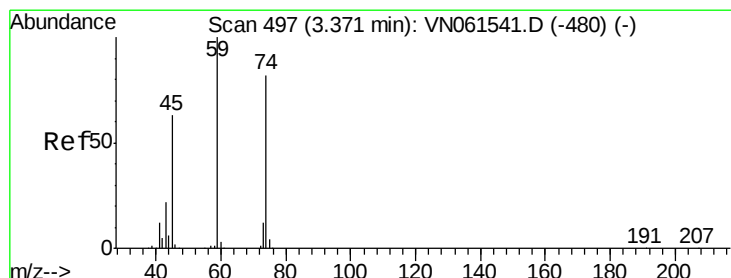
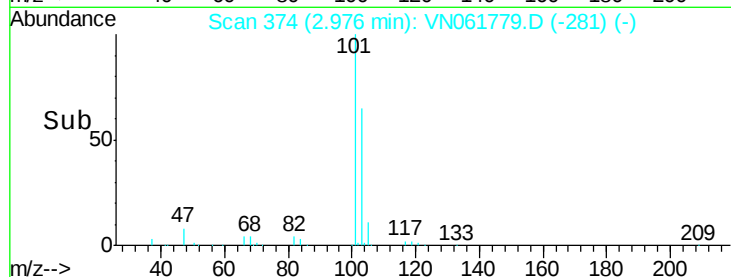
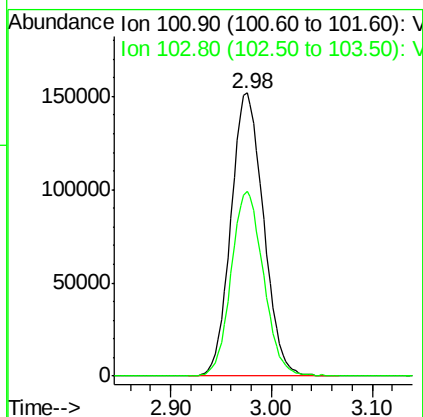
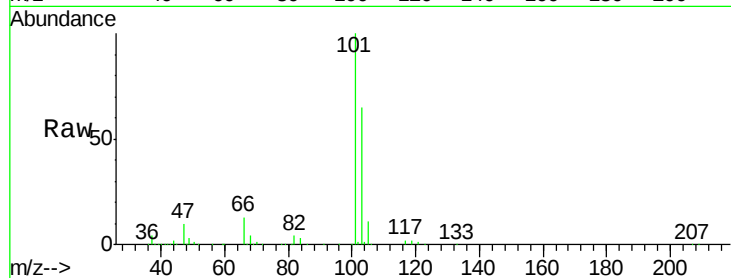
Trichlorofluoromethane
Concen: 48.867 ug/l
RT: 2.98 min Scan# 374
Delta R.T. 0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	51.4	77.2

Manual Integrations
APPROVED

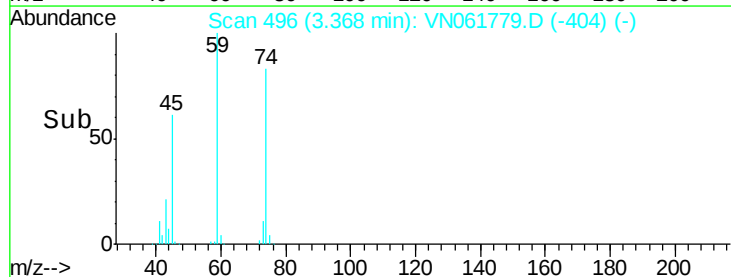
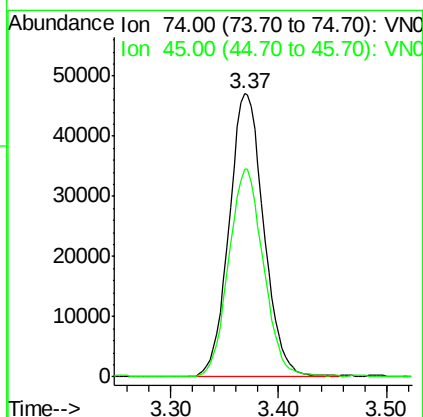
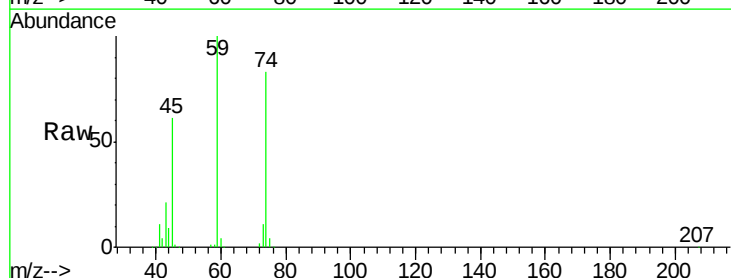
MMDadoda
6/15/2020 11:08:27 AM

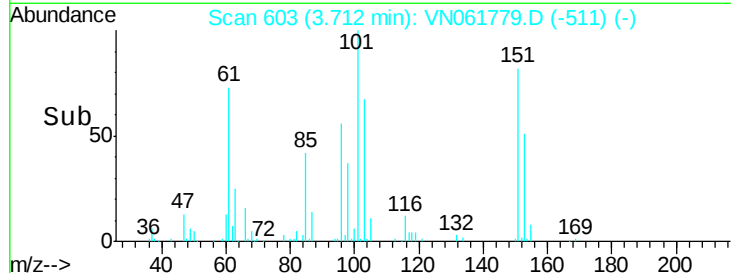
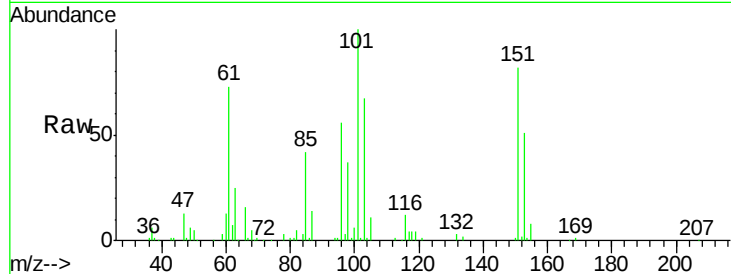
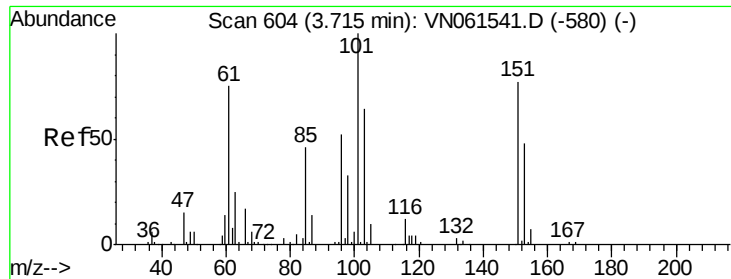


#8

Diethyl Ether
Concen: 49.423 ug/l
RT: 3.37 min Scan# 496
Delta R.T. -0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Tgt Ion	Ratio	Lower	Upper
74	100		
45	73.5	39.9	119.7





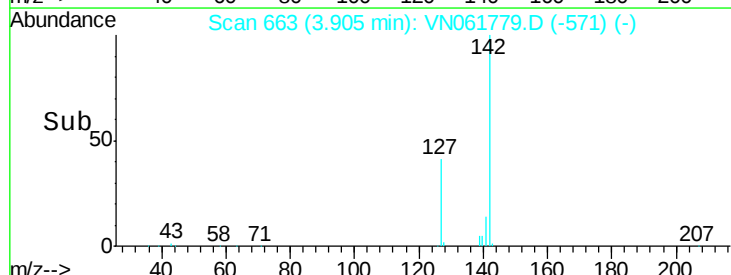
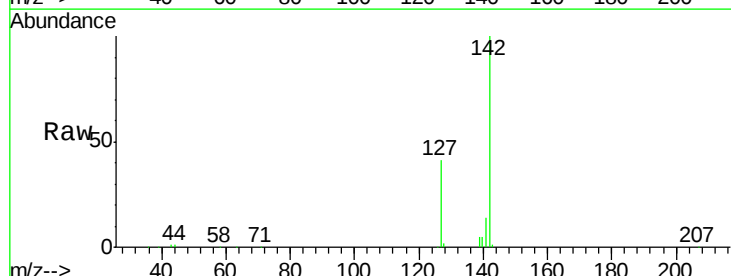
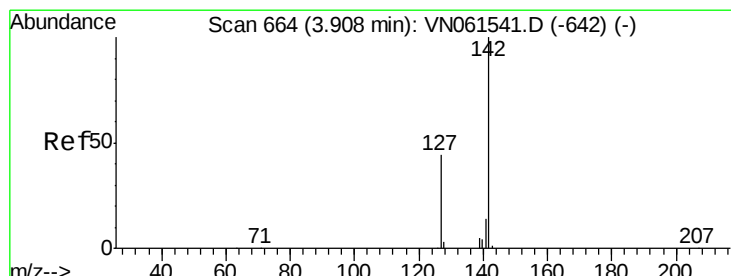
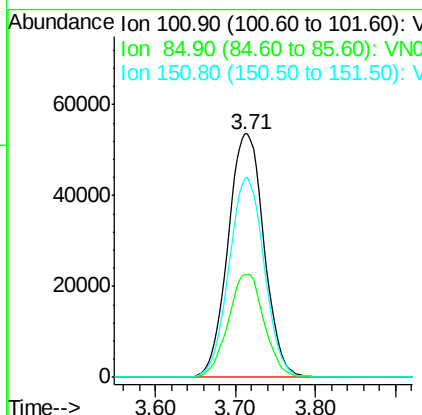
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.873 ug/l
RT: 3.71 min Scan# 603
Delta R.T. -0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	163942		
85	42.2	35.2	52.8	
151	80.2	61.0	91.6	

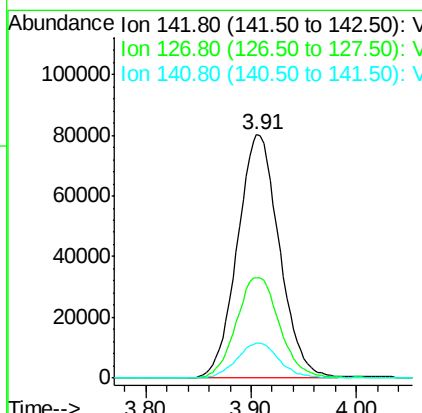
Manual Integrations
APPROVED

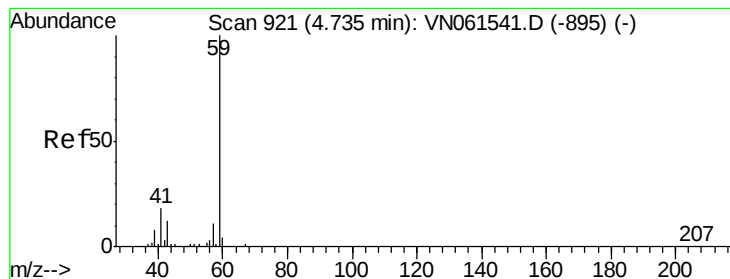
MMDadoda
6/15/2020 11:08:27 AM



#10
Methyl Iodide
Concen: 51.461 ug/l
RT: 3.91 min Scan# 663
Delta R.T. -0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	221503		
127	42.7	35.5	53.3	
141	14.5	11.5	17.3	





#11

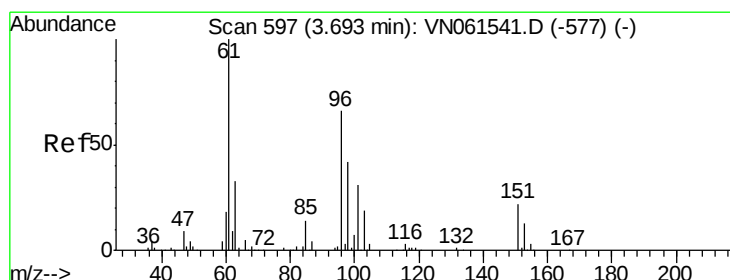
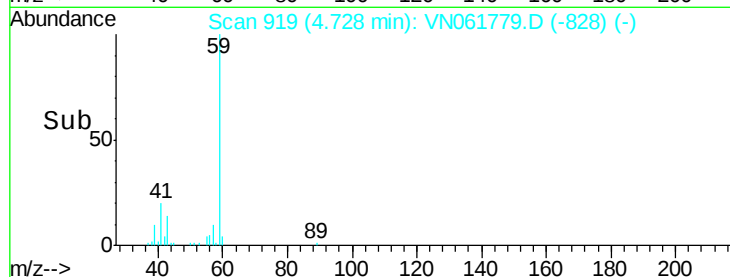
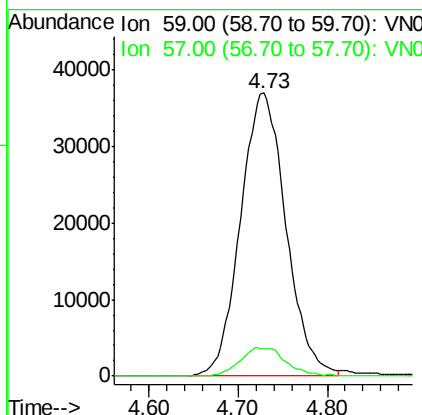
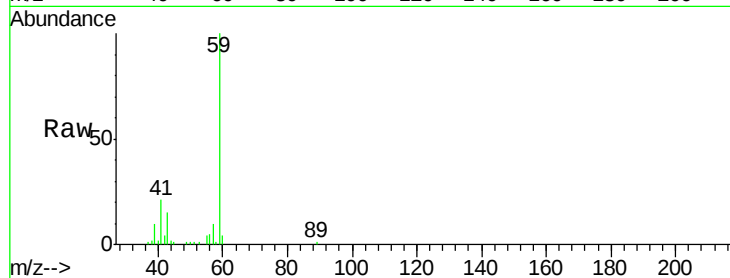
Tert butyl alcohol
Concen: 254.452 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.01 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
59	100	130727		
57	10.0		8.4	12.6

Manual Integrations
APPROVED

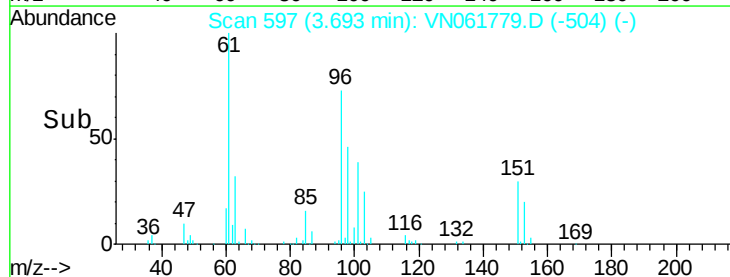
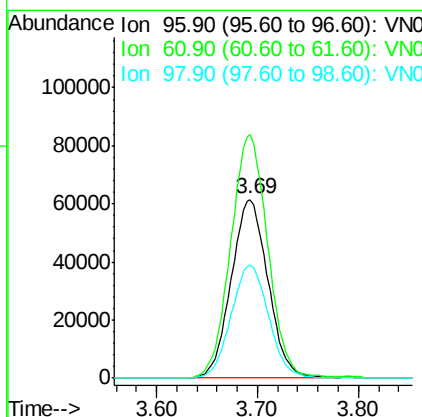
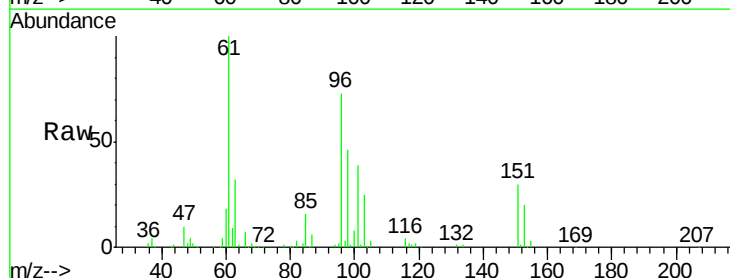
MMDadoda
6/15/2020 11:08:27 AM

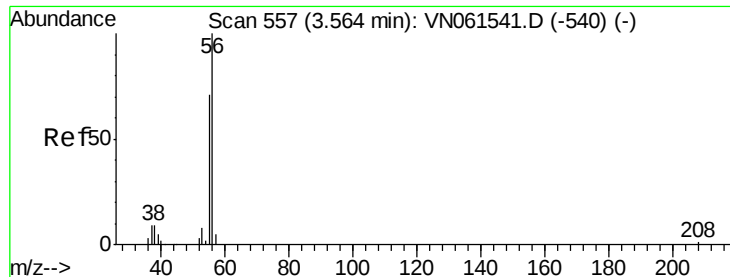


#12

1,1-Dichloroethene
Concen: 46.995 ug/l
RT: 3.69 min Scan# 597
Delta R.T. 0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	155678		
61	136.3		120.5	180.7
98	63.1		50.8	76.2





#13

Acrolein

Concen: 203.639 ug/l

RT: 3.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 56 Resp: 31153

Ion Ratio Lower Upper

56 100

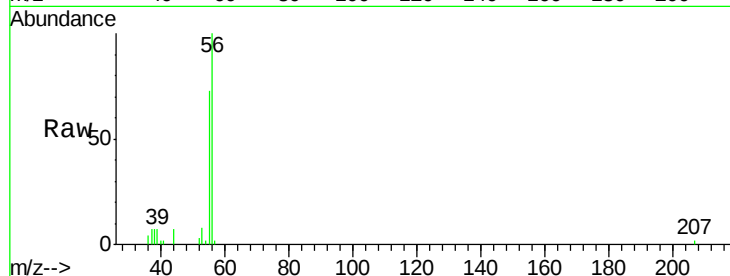
55 73.1 58.0 87.0

Manual Integrations

APPROVED

MMDadoda

6/15/2020 11:08:27 AM



Abundance Ion 56.00 (55.70 to 56.70): VN061779.D (-540) (-)

Ion 55.00 (54.70 to 55.70): VN061779.D (-540) (-)

15000

10000

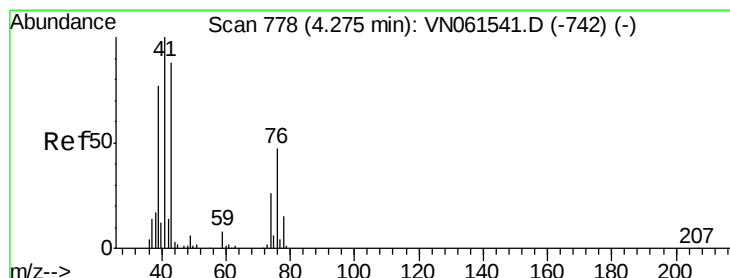
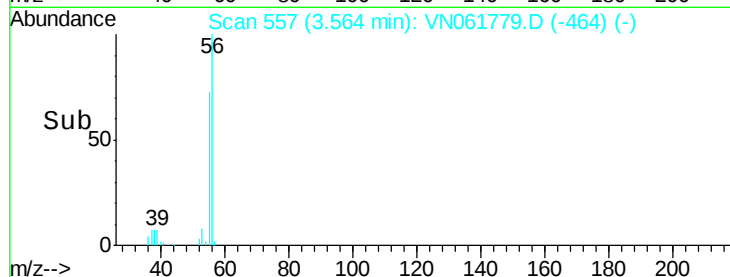
5000

0

Time-->

3.50 3.55 3.60 3.65

3.56



#14

Allyl chloride

Concen: 43.543 ug/l

RT: 4.27 min Scan# 776

Delta R.T. -0.01 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

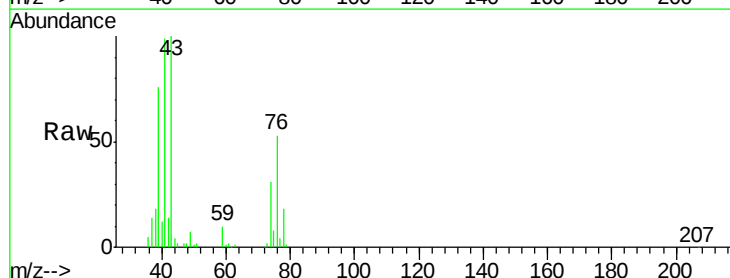
Tgt Ion: 41 Resp: 188577

Ion Ratio Lower Upper

41 100

39 72.2 58.6 88.0

76 46.6 34.2 51.4



Abundance Ion 41.00 (40.70 to 41.70): VN061779.D (-685) (-)

Ion 39.00 (38.70 to 39.70): VN061779.D (-685) (-)

Ion 75.90 (75.60 to 76.60): VN061779.D (-685) (-)

80000

60000

40000

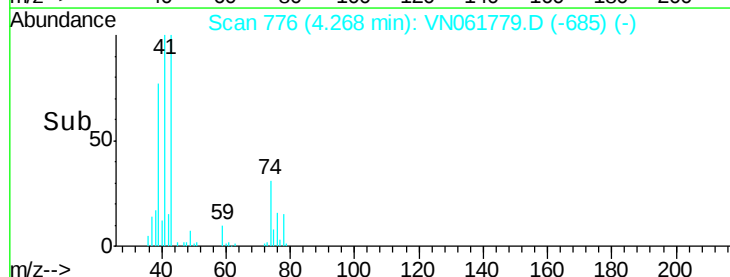
20000

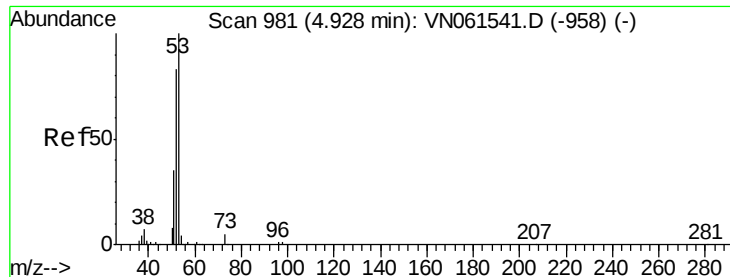
0

Time-->

4.10 4.20 4.30 4.40

4.27





#15

Acrylonitrile

Concen: 242.627 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

Instrument :

MSVOA_N

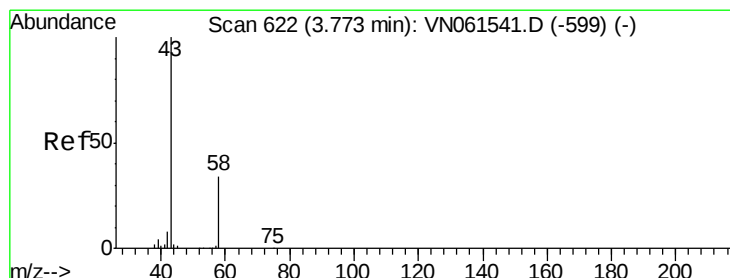
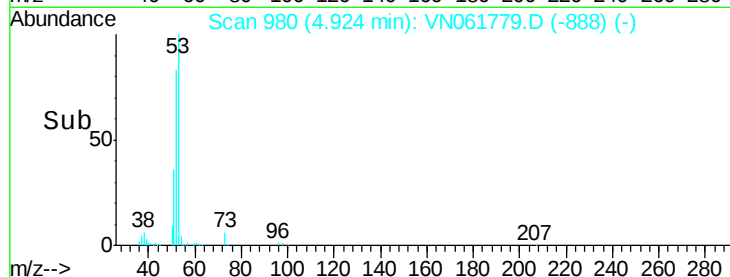
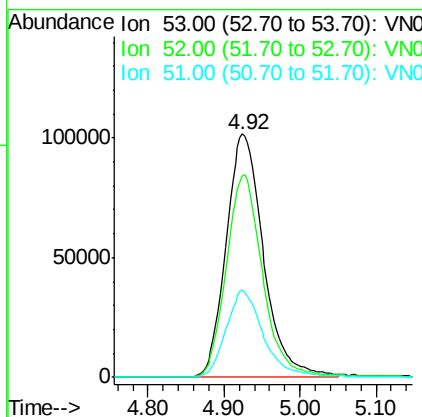
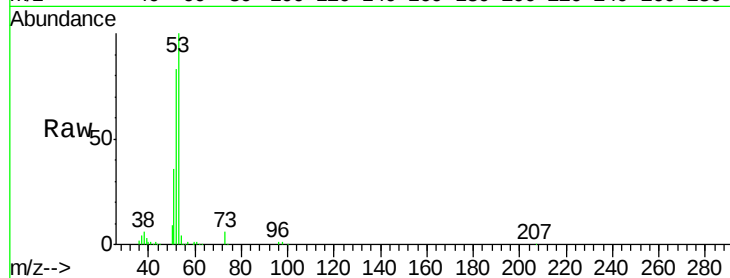
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	347928
Ion Ratio		Lower	Upper
53	100		
52	80.6	65.4	98.2
51	36.2	29.0	43.6

Manual Integrations
APPROVED

MMDadoda
6/15/2020 11:08:27 AM



#16

Acetone

Concen: 272.291 ug/l

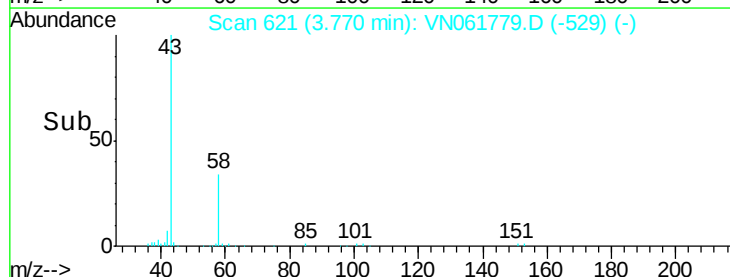
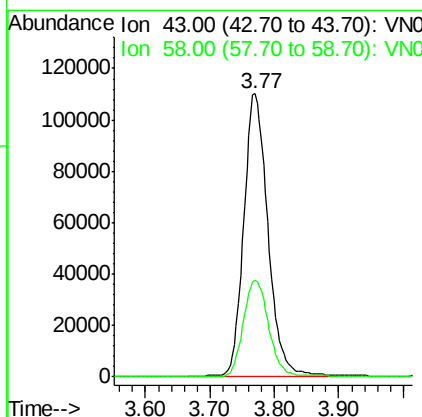
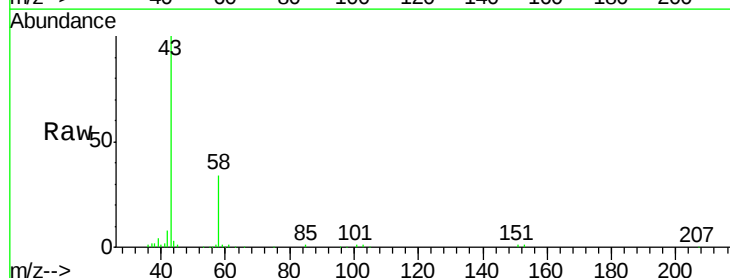
RT: 3.77 min Scan# 621

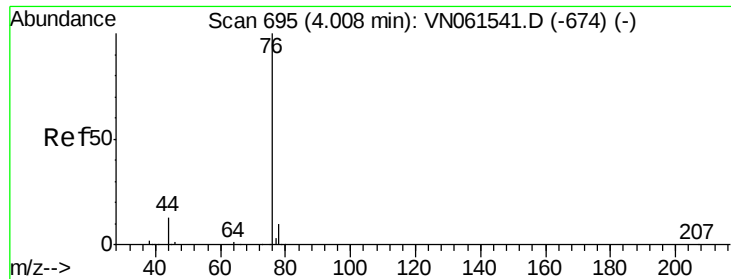
Delta R.T. -0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

Tgt Ion:	43	Resp:	289266
Ion Ratio		Lower	Upper
43	100		
58	34.3	27.2	40.8





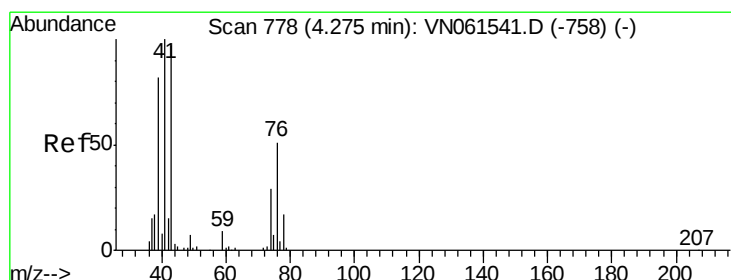
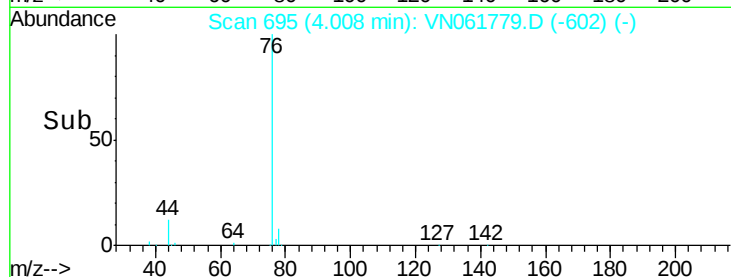
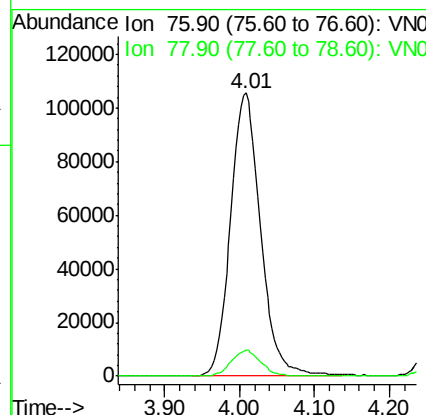
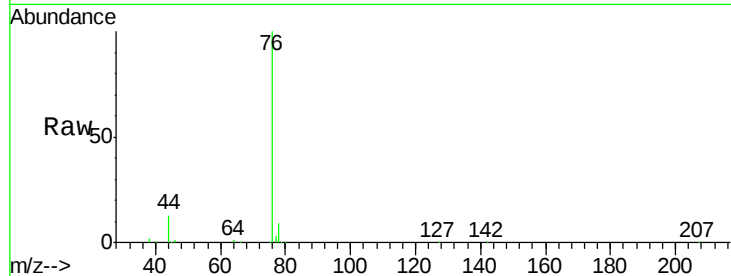
#17
Carbon Disulfide
Concen: 40.440 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.8	11.6

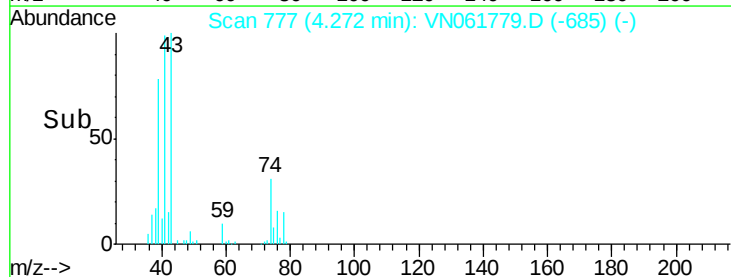
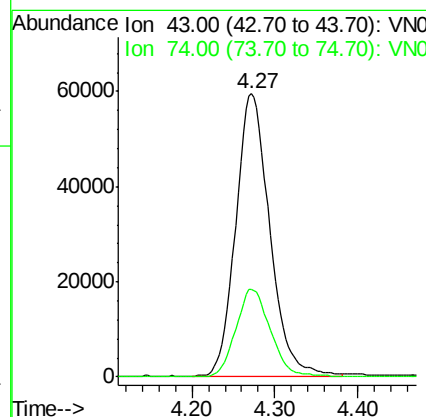
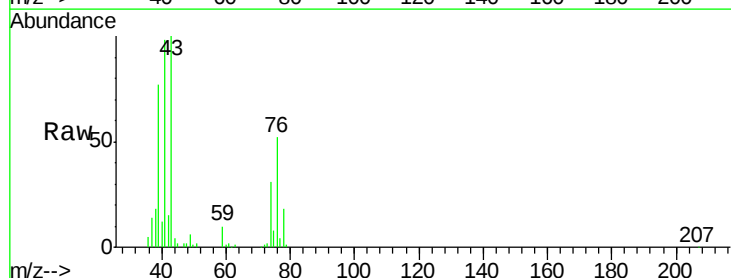
Manual Integrations
APPROVED

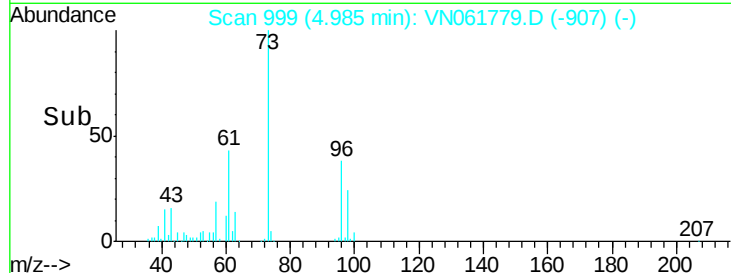
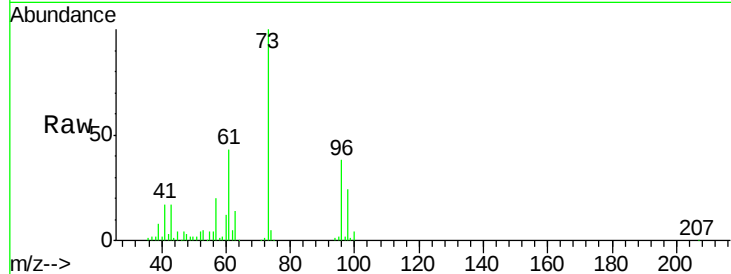
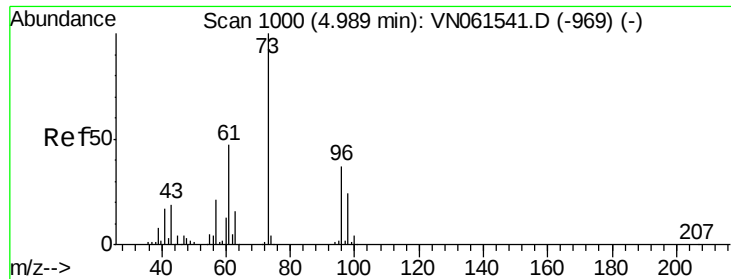
MMDadoda
6/15/2020 11:08:27 AM



#18
Methyl Acetate
Concen: 48.397 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Tgt Ion	Ratio	Lower	Upper
43	100		
74	31.8	23.2	34.8





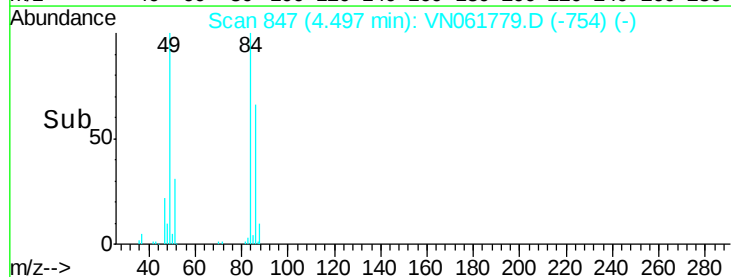
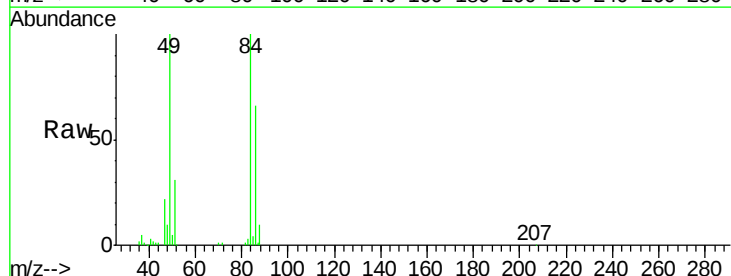
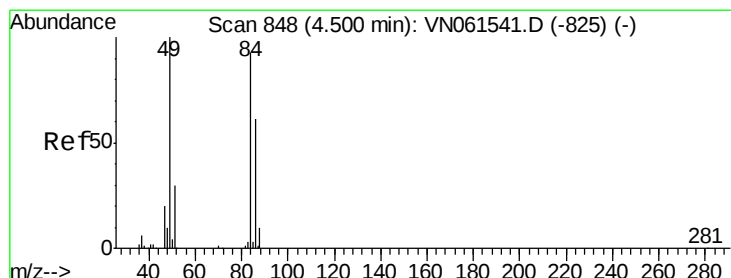
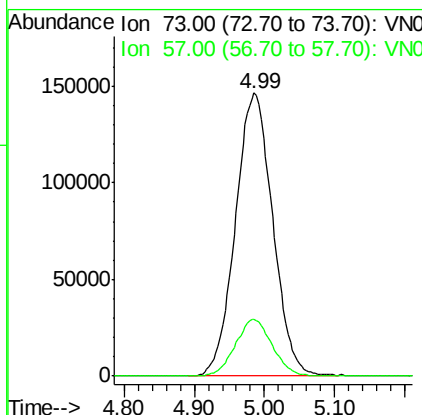
#19
Methvl tert-butvl Ether
Concen: 47.821 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Tot Ion: 73 Resp: 539899
Ion Ratio Lower Upper
73 100
57 20.0 16.4 24.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

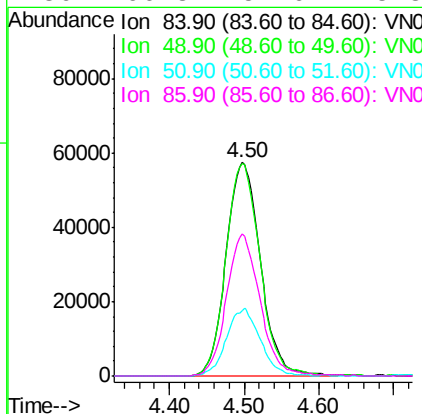
Manual Integrations
APPROVED

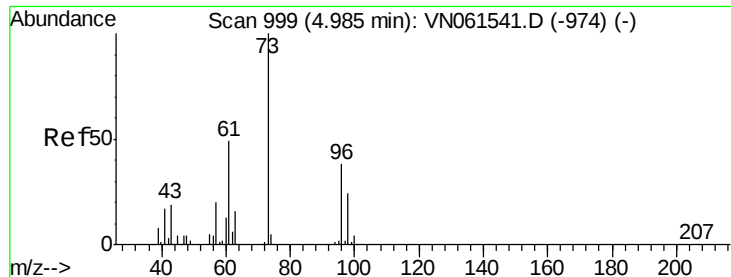
MMDadoda
6/15/2020 11:08:27 AM



#20
Methylene Chloride
Concen: 52.427 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Tgt Ion: 84 Resp: 183759
Ion Ratio Lower Upper
84 100
49 99.5 85.8 128.8
51 30.5 26.2 39.2
86 66.3 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 47.752 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

Instrument :

MSVOA_N

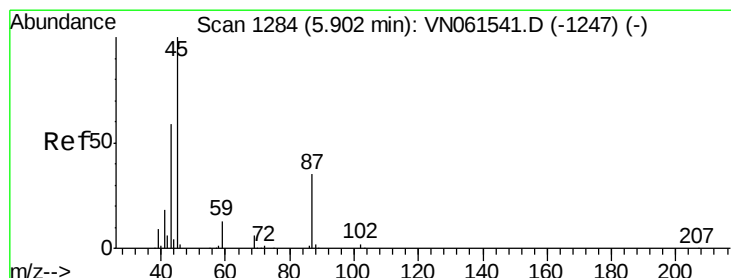
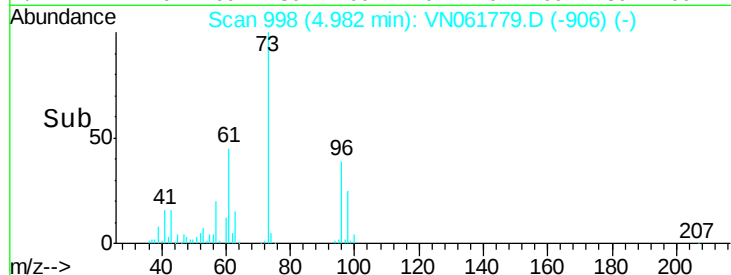
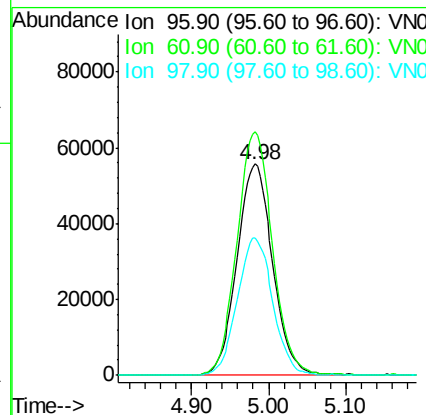
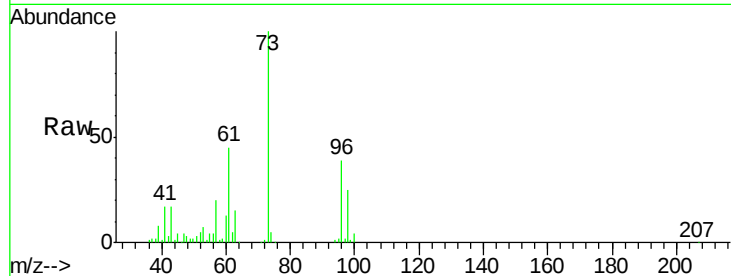
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	178393
Ion	Ratio	Lower	Upper
96	100		
61	115.1	101.4	152.0
98	65.1	50.6	76.0

Manual Integrations
APPROVED

MMDadoda
6/15/2020 11:08:27 AM



#22

Diisopropyl ether

Concen: 47.940 ug/l

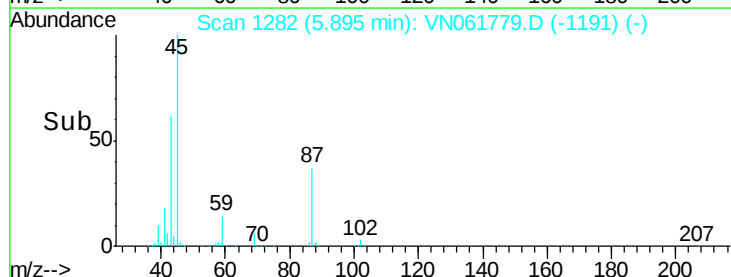
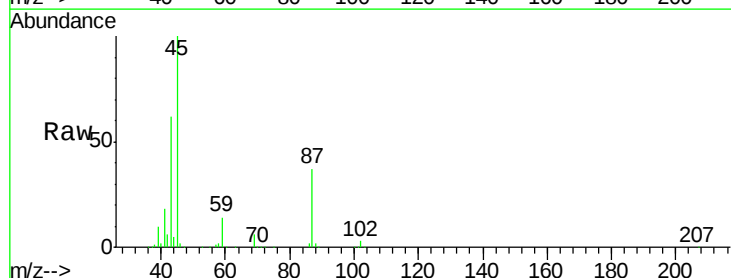
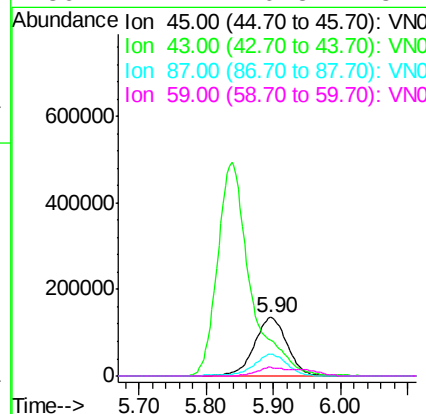
RT: 5.90 min Scan# 1282

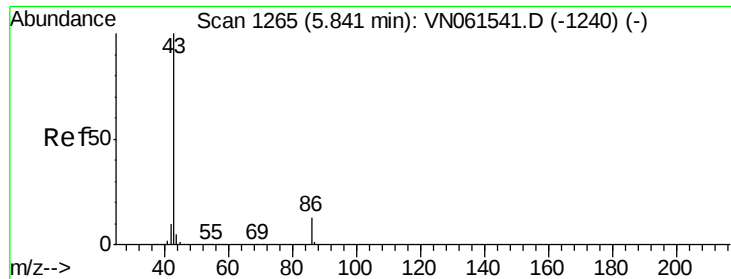
Delta R.T. -0.01 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

Tgt Ion:	45	Resp:	457598
Ion	Ratio	Lower	Upper
45	100		
43	60.4	47.9	71.9
87	37.1	28.4	42.6
59	14.2	10.5	15.7





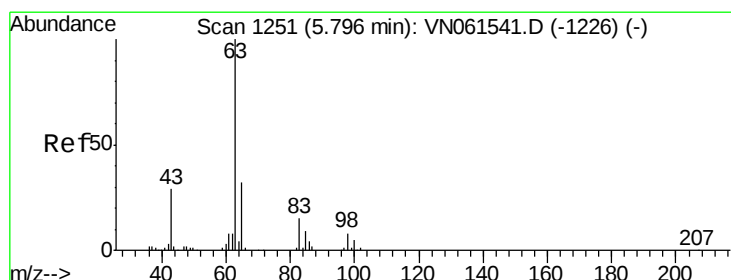
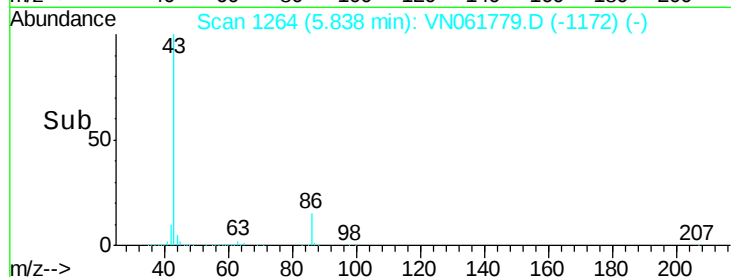
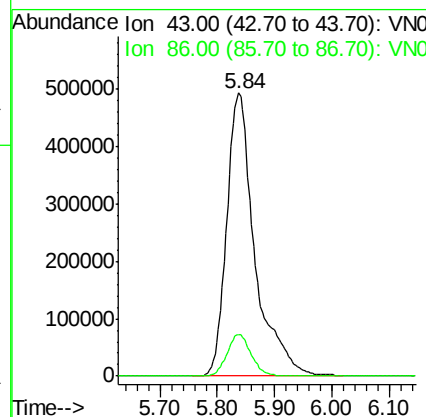
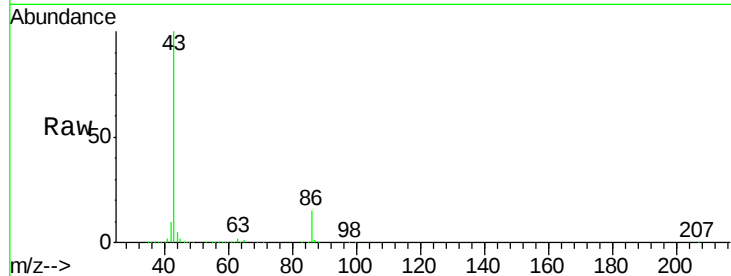
#23
 Vinyl Acetate
 Concen: 221.607 ug/l
 RT: 5.84 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: VN061779.D
 Acq: 12 Jun 2020 9:59

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion: 43 Resp: 1685928
 Ion Ratio Lower Upper
 43 100
 86 14.7 10.6 16.0

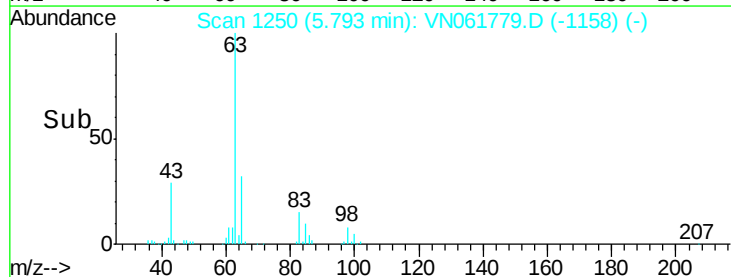
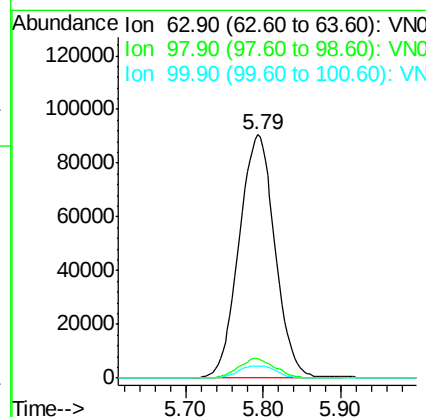
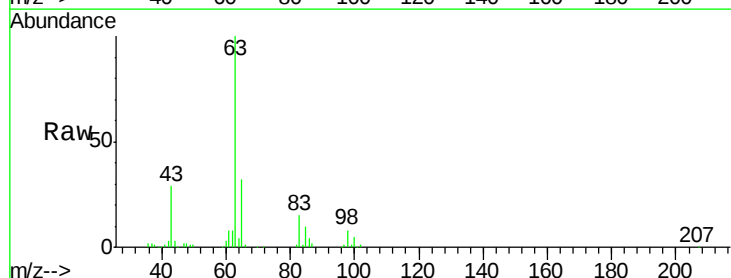
Manual Integrations
 APPROVED

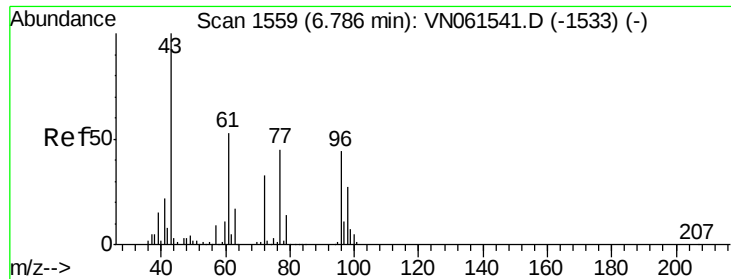
MMDadoda
 6/15/2020 11:08:27 AM



#24
 1,1-Dichloroethane
 Concen: 48.361 ug/l
 RT: 5.79 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: VN061779.D
 Acq: 12 Jun 2020 9:59

Tgt Ion: 63 Resp: 292720
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.8 11.4
 100 4.7 2.5 7.6





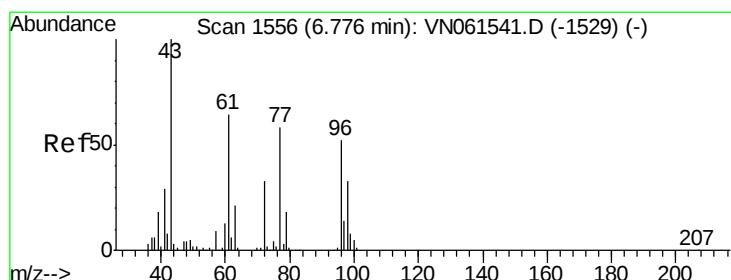
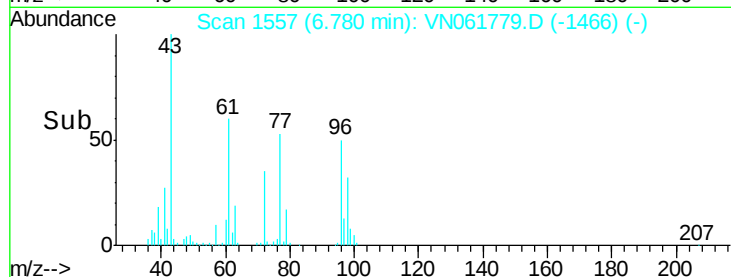
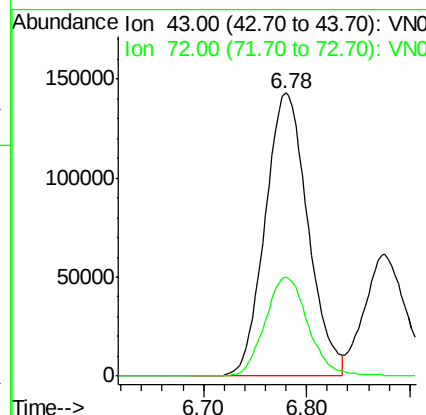
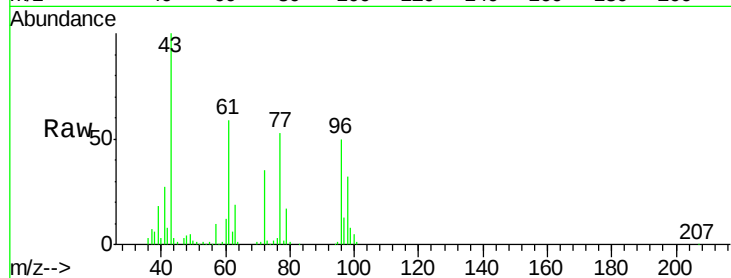
#25
2-Butanone
Concen: 225.171 ug/l
RT: 6.78 min Scan# 1557
Delta R.T. -0.01 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 412188
Ion Ratio Lower Upper
43 100
72 34.9 26.0 39.0

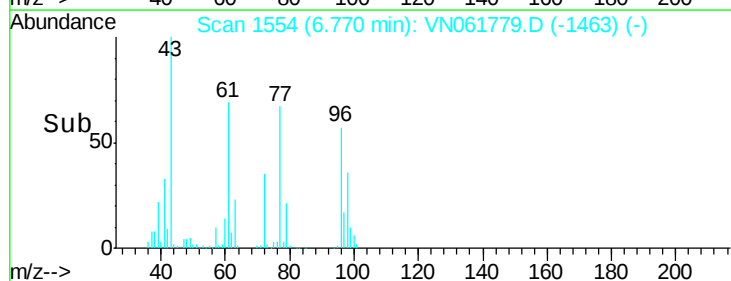
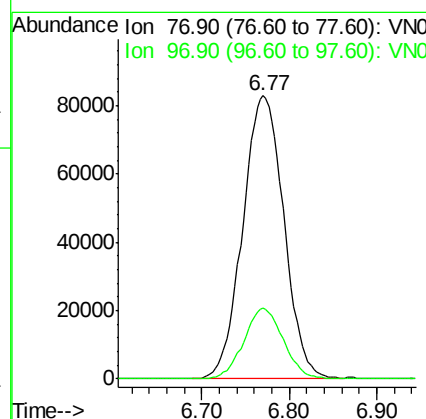
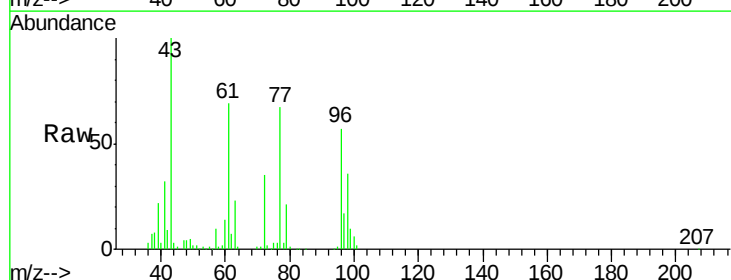
Manual Integrations
APPROVED

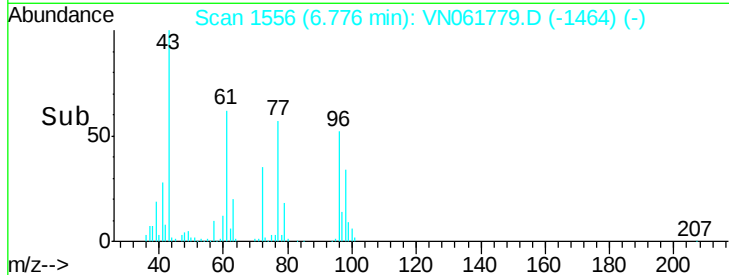
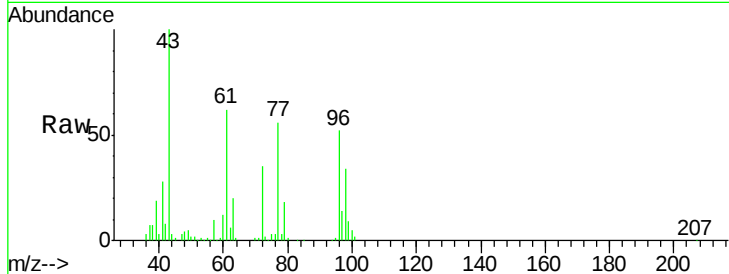
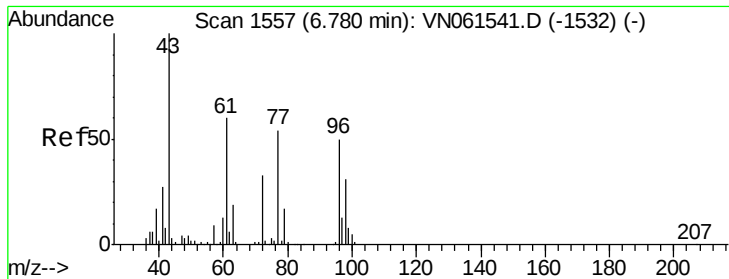
MMDadoda
6/15/2020 11:08:27 AM



#26
2,2-Dichloropropane
Concen: 48.721 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.01 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Tgt Ion: 77 Resp: 269908
Ion Ratio Lower Upper
77 100
97 23.9 12.0 36.0





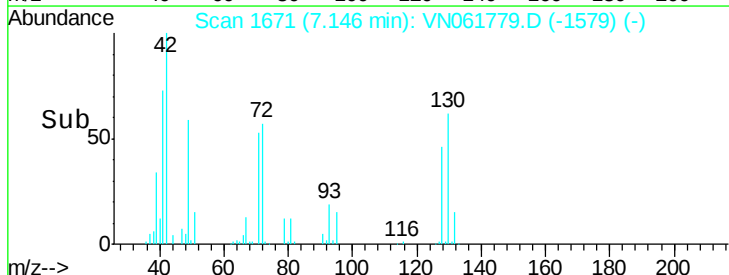
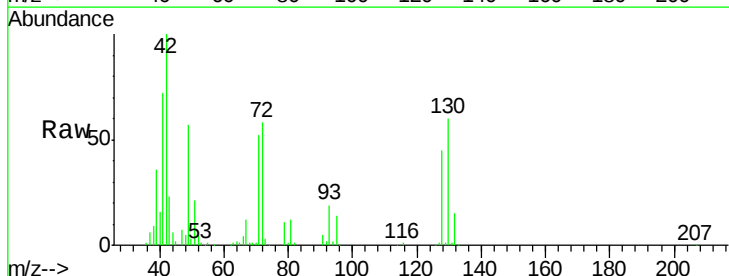
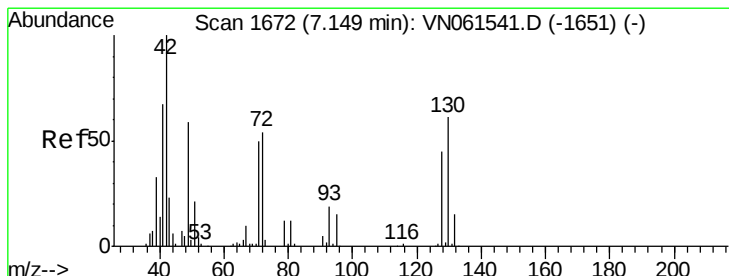
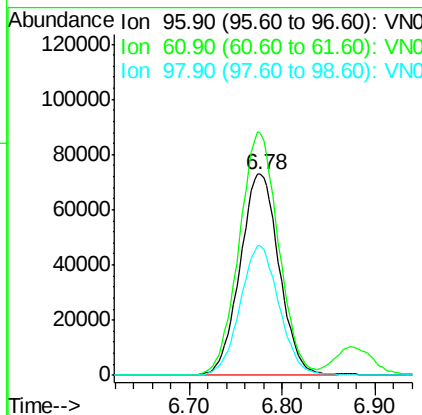
#27
 cis-1,2-Dichloroethene
 Concen: 50.520 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: VN061779.D
 Acq: 12 Jun 2020 9:59

Tot Ion	Ratio	Resp	Lower	Upper
96	100	213713		
61	121.4	0.0	252.2	
98	64.3	0.0	129.2	

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

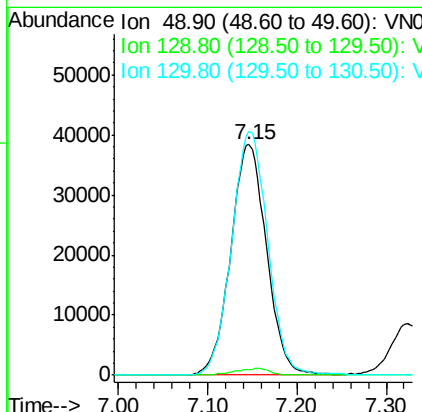
Manual Integrations
 APPROVED

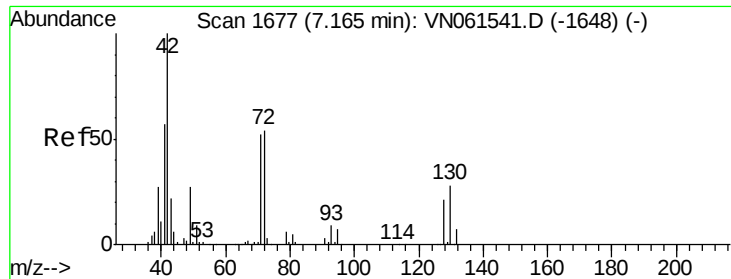
MMDadoda
 6/15/2020 11:08:27 AM



#28
 Bromochloromethane
 Concen: 47.086 ug/l
 RT: 7.15 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: VN061779.D
 Acq: 12 Jun 2020 9:59

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	107177		
129	2.7	0.0	4.8	
130	106.1	78.8	118.2	





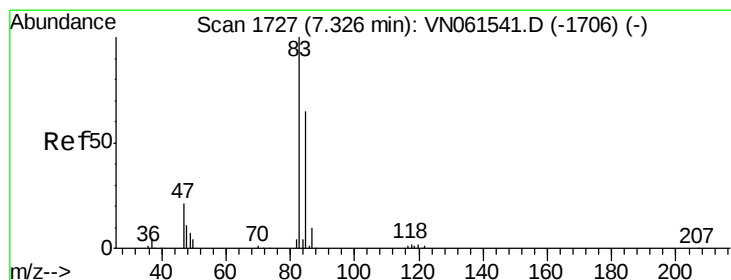
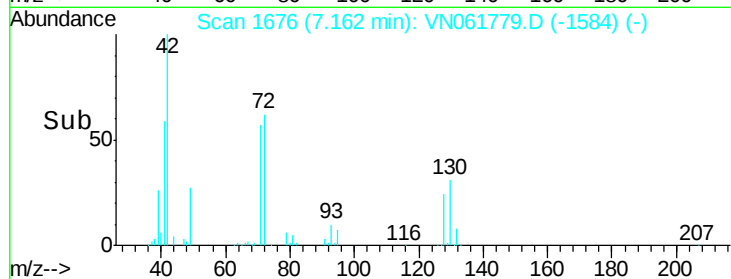
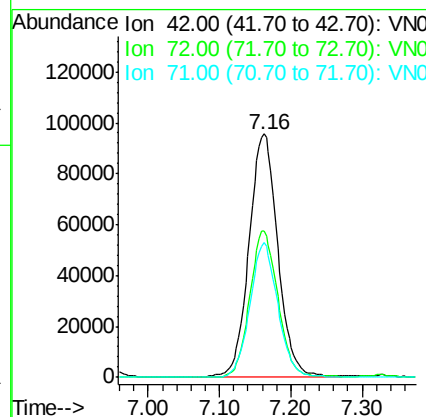
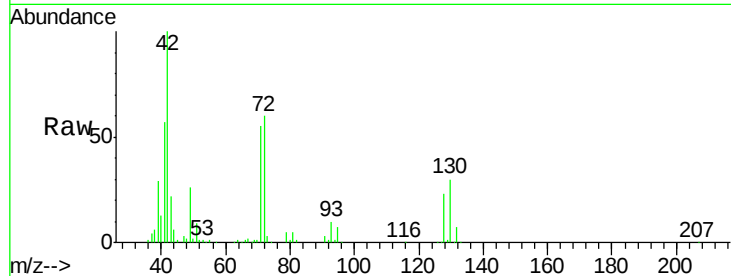
#29
Tetrahydrofuran
Concen: 223.412 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	58.4	43.6	65.4
71	53.4	41.2	61.8

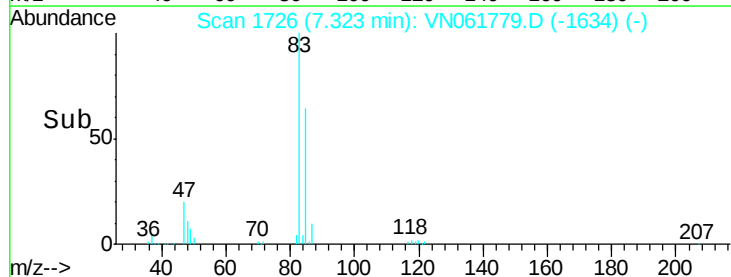
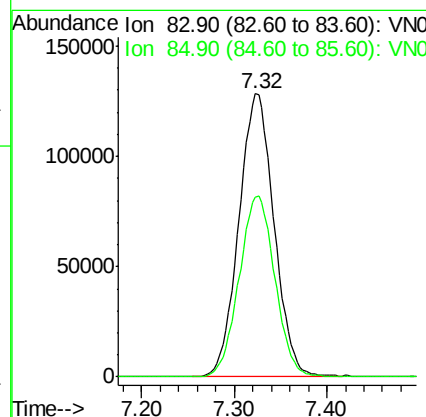
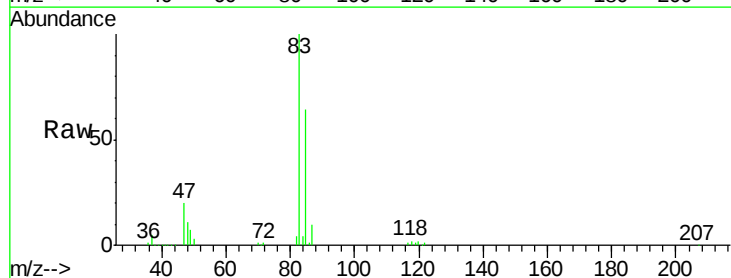
Manual Integrations
APPROVED

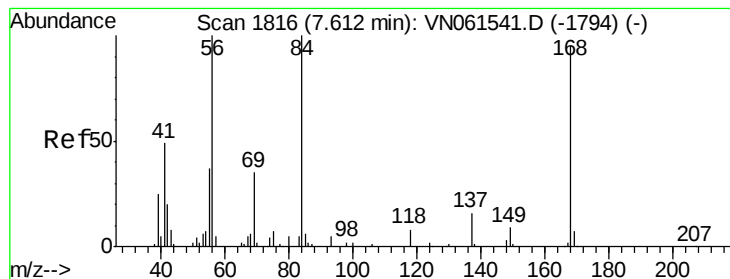
MMDadoda
6/15/2020 11:08:27 AM



#30
Chloroform
Concen: 50.506 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.7	77.5





#31

Cyclohexane

Concen: 42.991 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

Instrument :

MSVOA_N

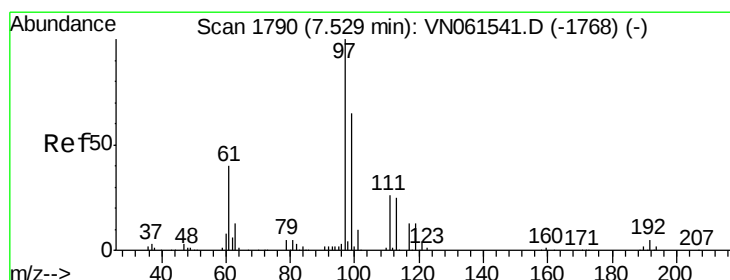
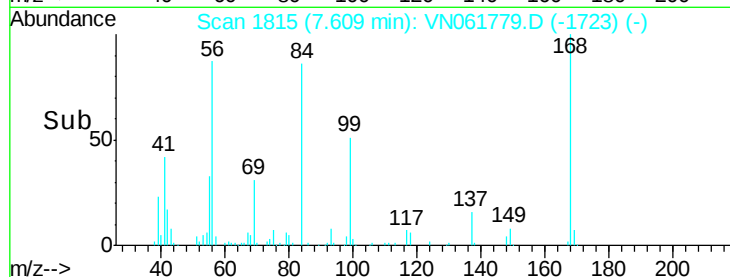
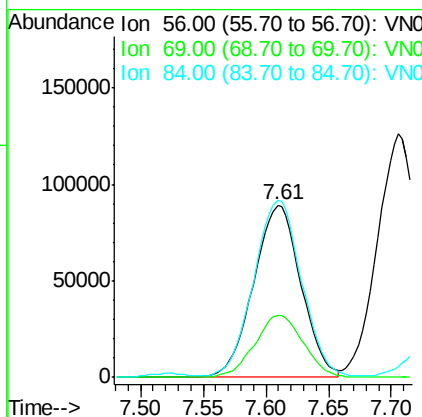
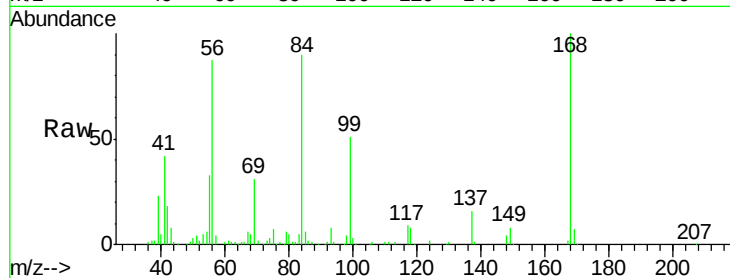
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	234026
Ion Ratio	Lower	Upper	
56	100		
69	35.9	27.8	41.8
84	101.8	79.9	119.9

Manual Integrations
APPROVED

MMDadoda
6/15/2020 11:08:27 AM



#32

1,1,1-Trichloroethane

Concen: 48.368 ug/l

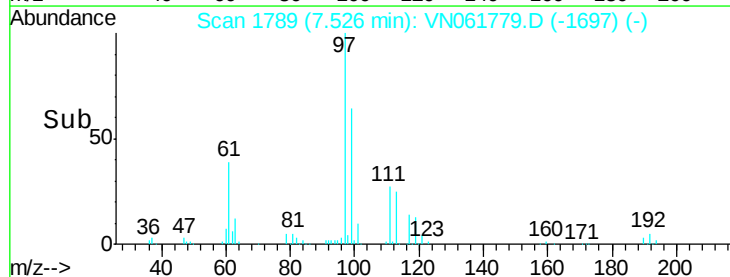
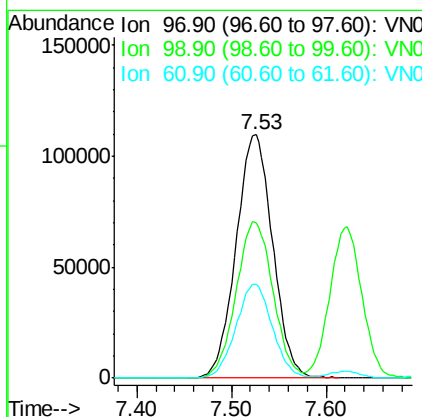
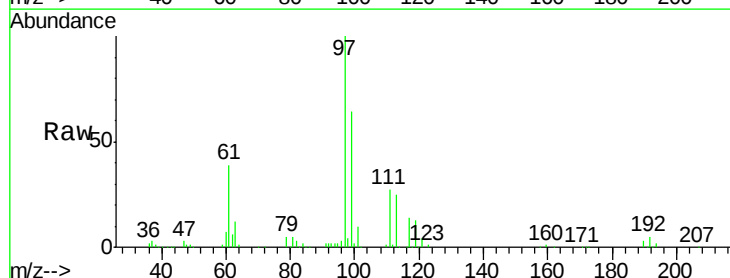
RT: 7.53 min Scan# 1789

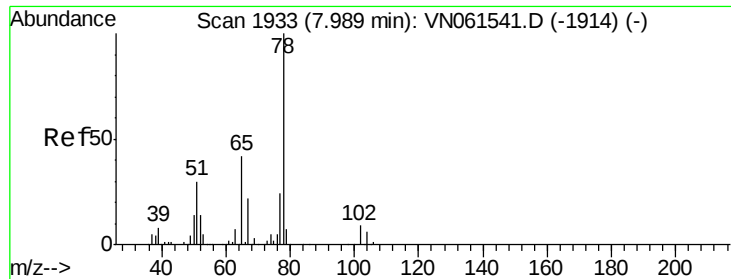
Delta R.T. -0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

Tgt Ion:	97	Resp:	295123
Ion Ratio	Lower	Upper	
97	100		
99	64.8	51.4	77.0
61	38.3	31.4	47.0





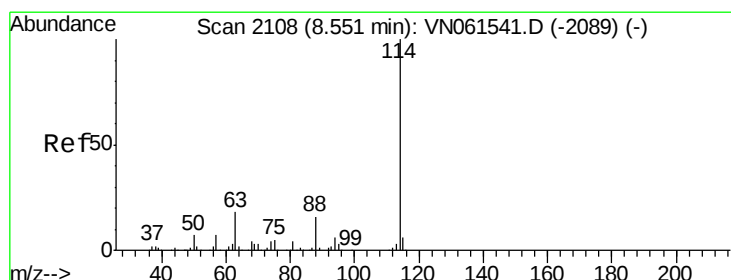
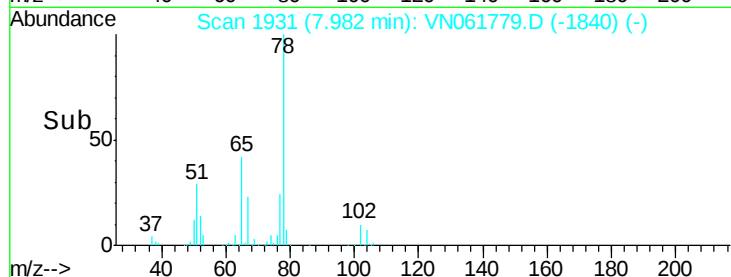
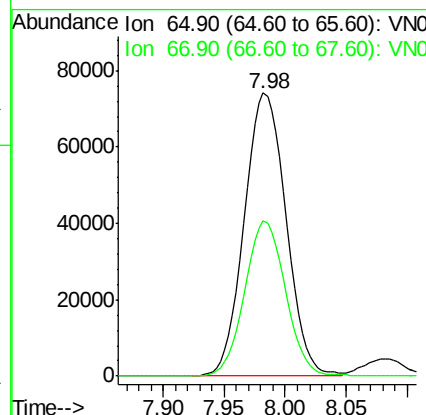
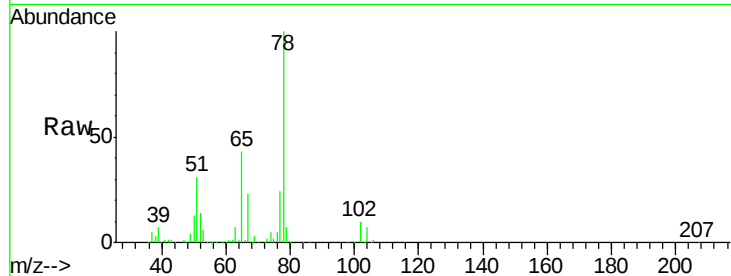
#33
 1,2-Dichloroethane-d4
 Concen: 45.477 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: VN061779.D
 Acq: 12 Jun 2020 9:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	175655		
67	53.5	0.0	104.8	

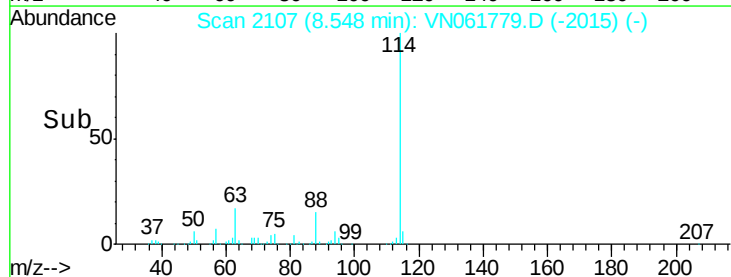
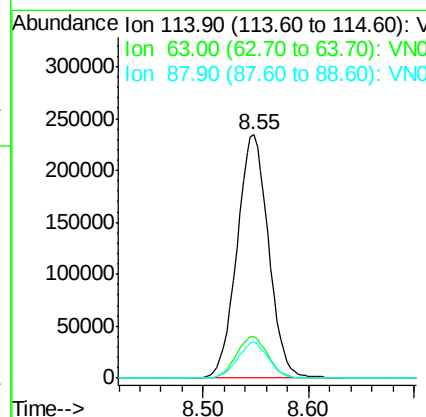
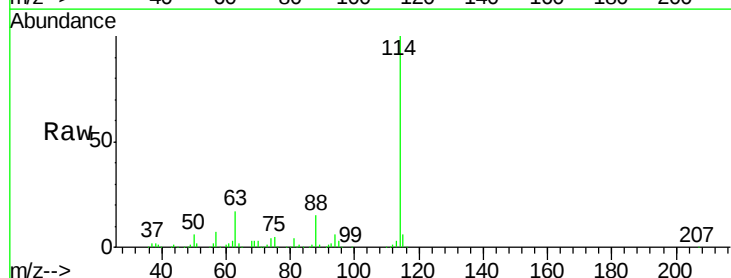
Manual Integrations
 APPROVED

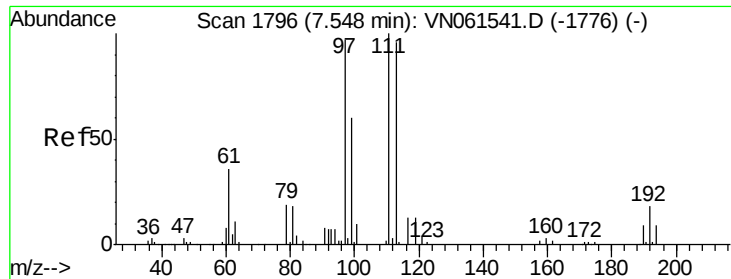
MMDadoda
 6/15/2020 11:08:27 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061779.D
 Acq: 12 Jun 2020 9:59

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	486091		
63	17.0	0.0	35.8	
88	14.7	0.0	31.0	





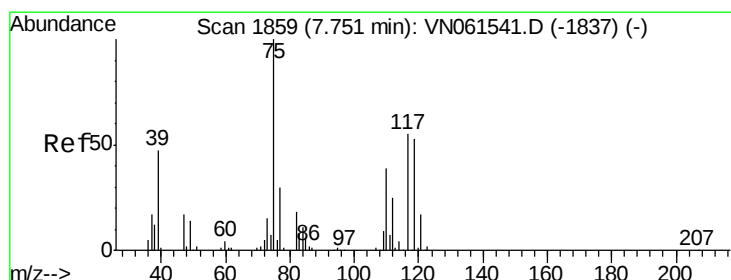
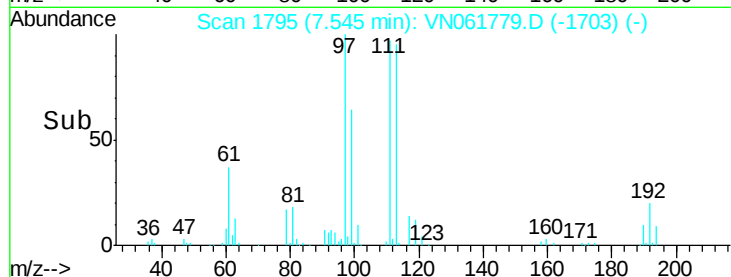
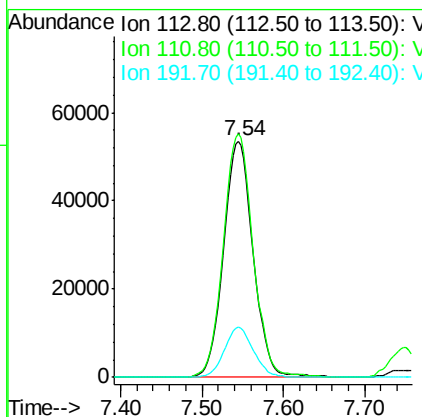
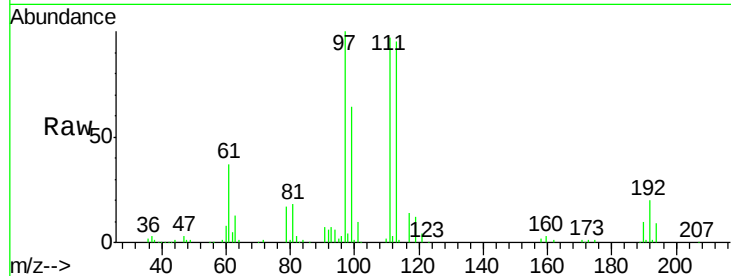
#35
 Dibromofluoromethane
 Concen: 55.211 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN061779.D
 Acq: 12 Jun 2020 9:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	104.2	83.4	125.0	
192	20.9	15.4	23.2	

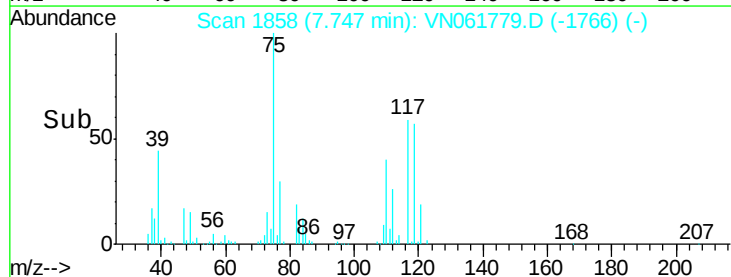
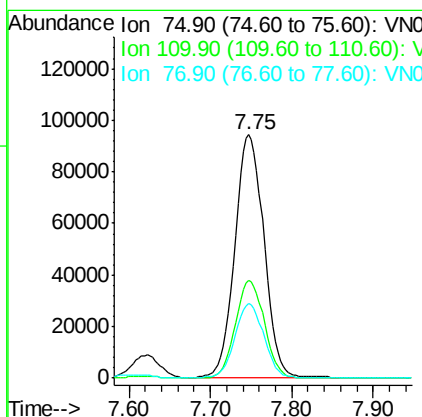
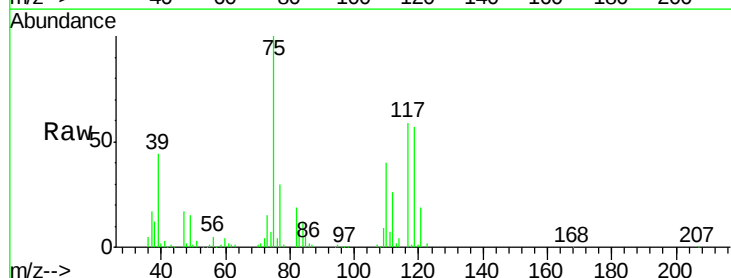
Manual Integrations
 APPROVED

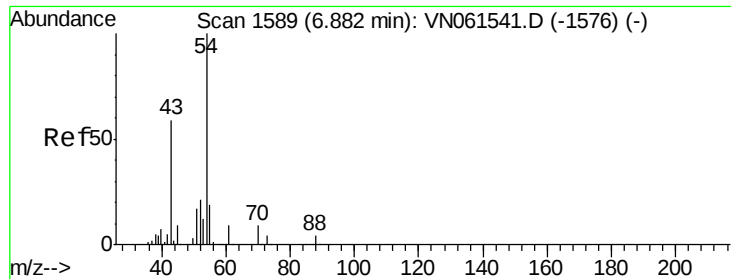
MMDadoda
 6/15/2020 11:08:27 AM



#36
 1,1-Dichloropropene
 Concen: 54.204 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN061779.D
 Acq: 12 Jun 2020 9:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	39.8	19.5	58.5	
77	30.1	24.7	37.1	





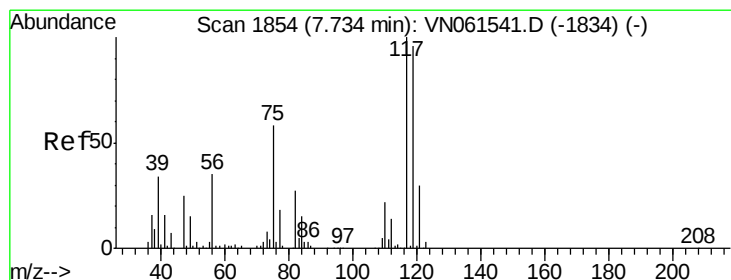
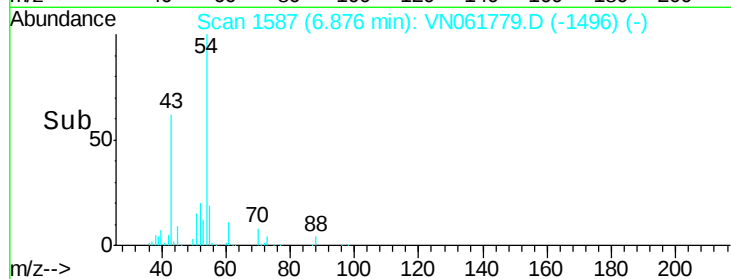
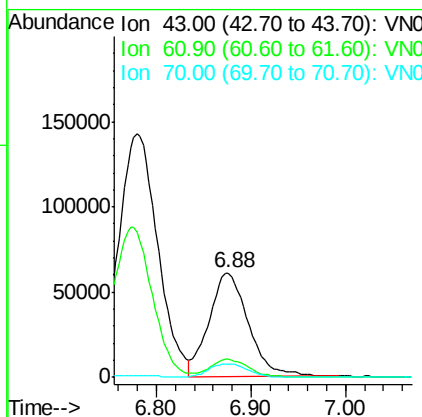
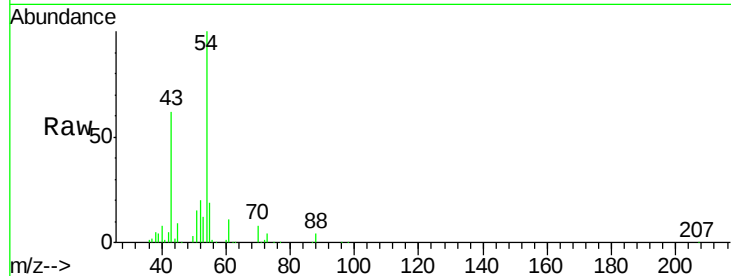
#37
Ethyl Acetate
Concen: 50.611 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.01 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
43	100	175412		
61	17.0		12.2	18.4
70	12.9		9.4	14.2

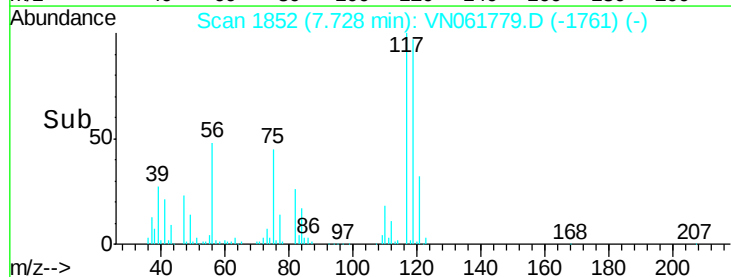
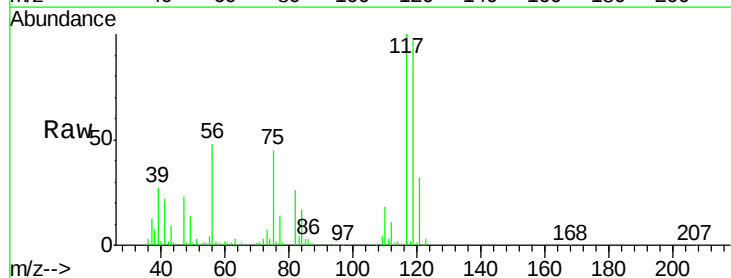
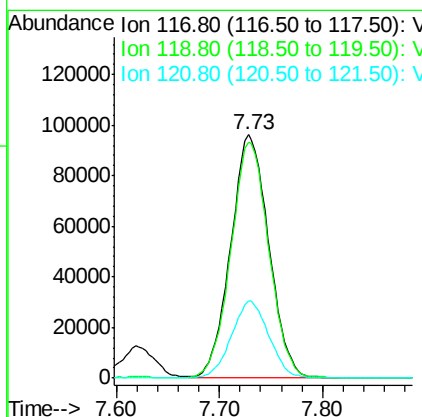
Manual Integrations
APPROVED

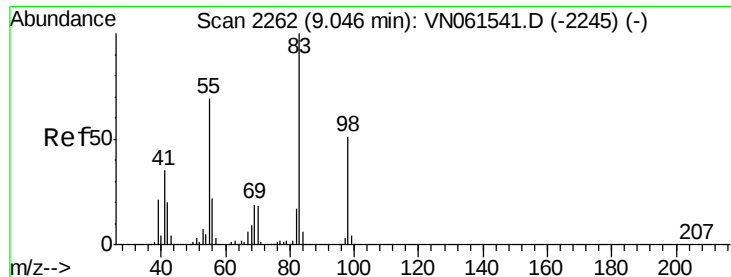
MMDadoda
6/15/2020 11:08:27 AM



#38
Carbon Tetrachloride
Concen: 59.267 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.01 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	246000		
119	96.9		76.5	114.7
121	31.9		24.1	36.1





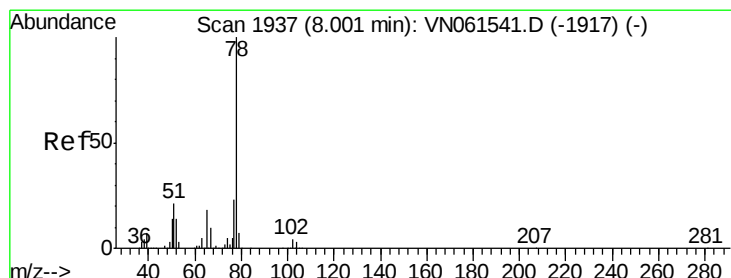
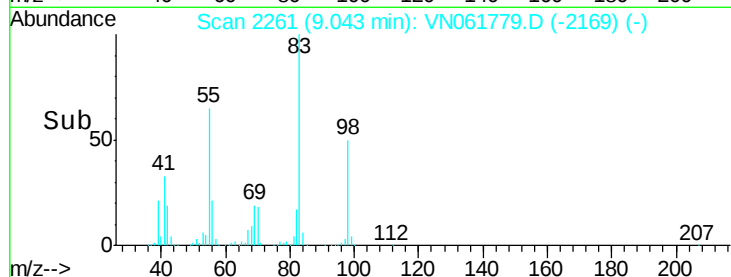
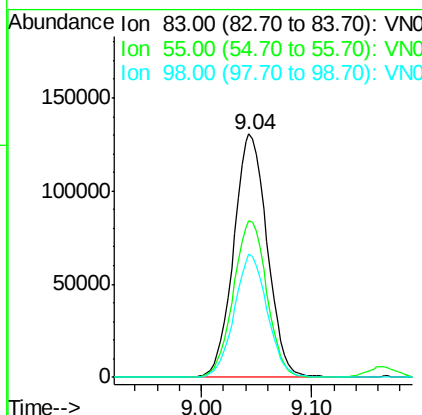
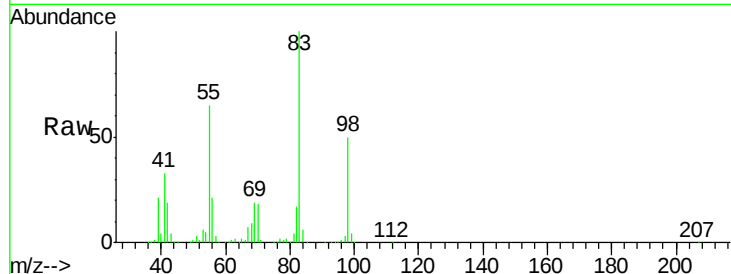
#39
Methvlcvclohexane
Concen: 51.779 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	274631		
55	64.6		54.9	82.3
98	50.4		41.0	61.4

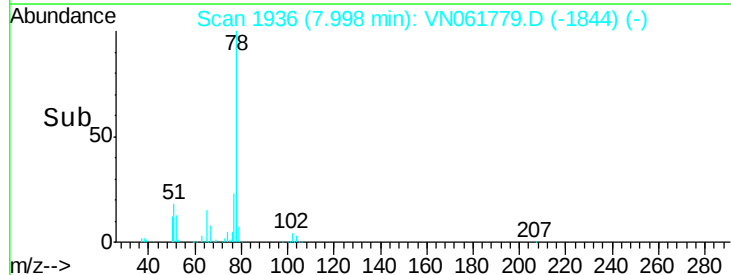
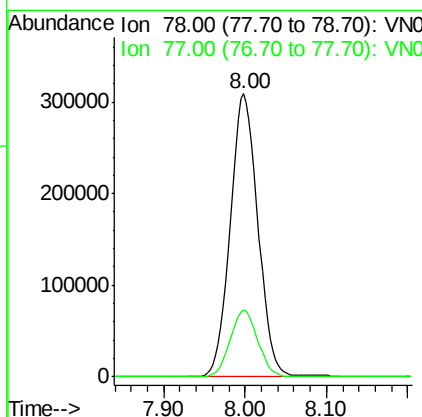
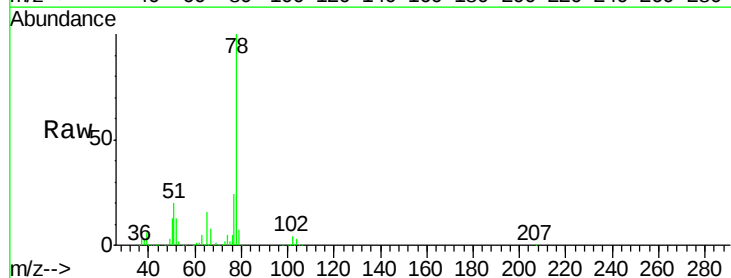
Manual Integrations
APPROVED

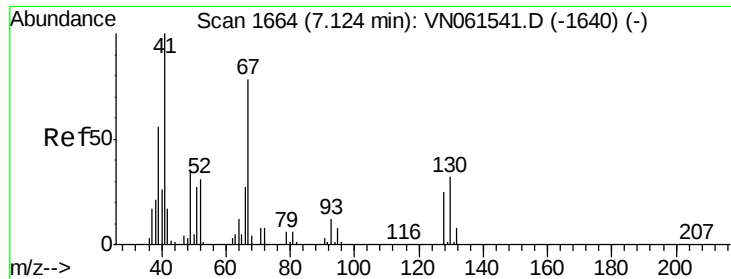
MMDadoda
6/15/2020 11:08:27 AM



#40
Benzene
Concen: 55.202 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	732933		
77	23.7		18.6	28.0





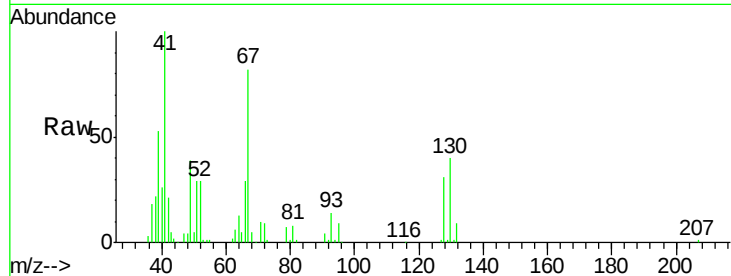
#41
Methacrylonitrile
Concen: 50.910 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	53.8	80.6#
67	107.9	91.1	136.7
52	41.1	36.0	54.0

Manual Integrations
APPROVED

MMDadoda
6/15/2020 11:08:27 AM



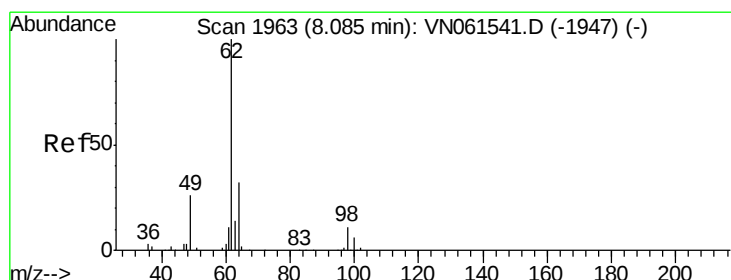
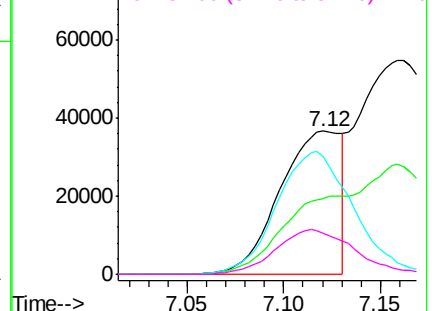
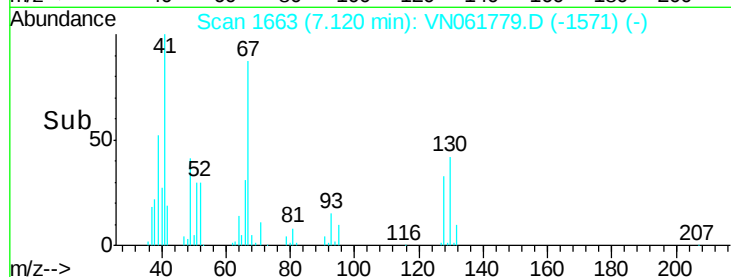
Abundance

Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

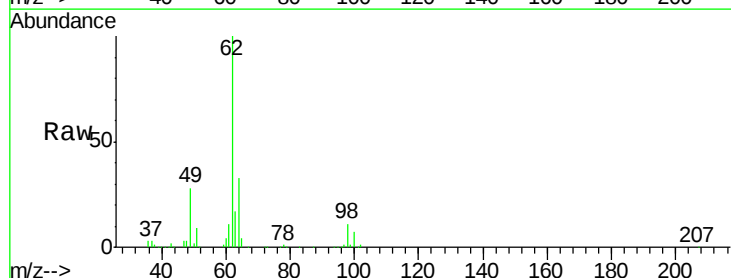
Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC



#42
1,2-Dichloroethane
Concen: 53.460 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

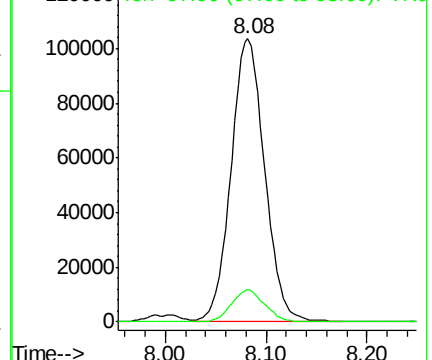
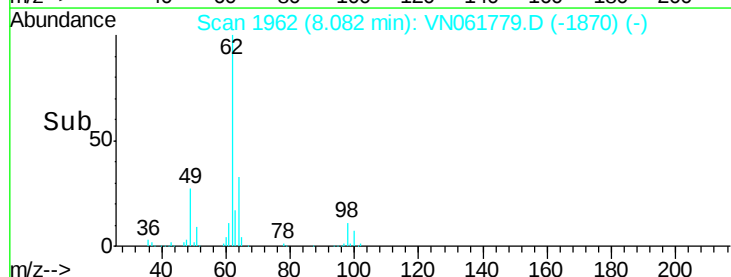
Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	21.4

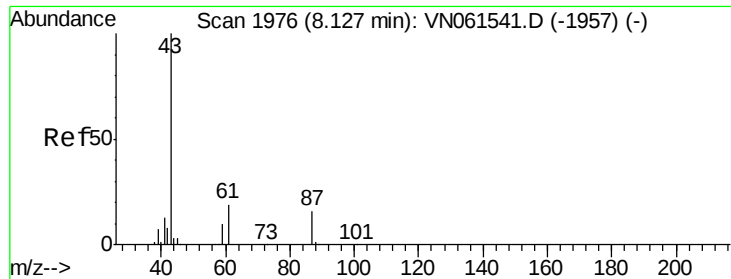


Abundance

Ion 61.90 (61.60 to 62.60): VNC

Ion 97.90 (97.60 to 98.60): VNC





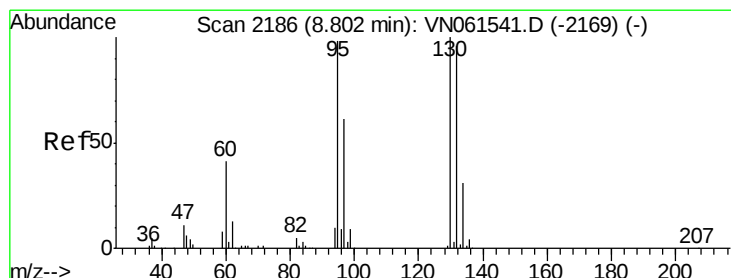
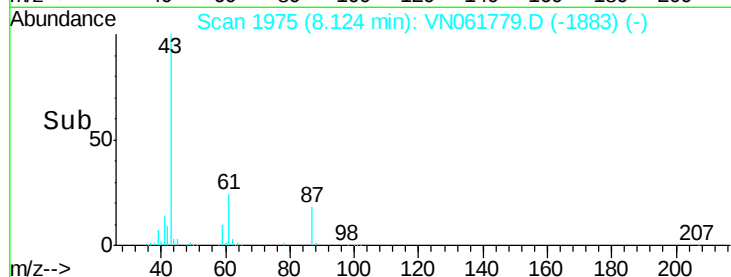
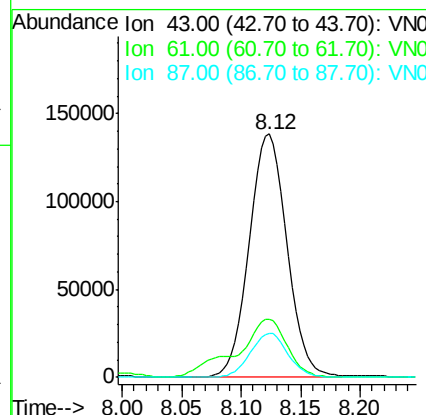
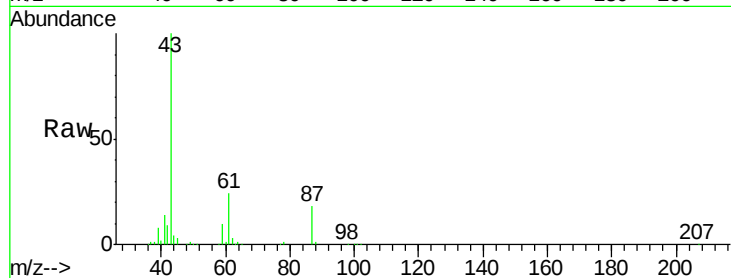
#43
Isopropyl Acetate
Concen: 48.953 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	24.2	23.6	35.4
87	17.9	13.0	19.6

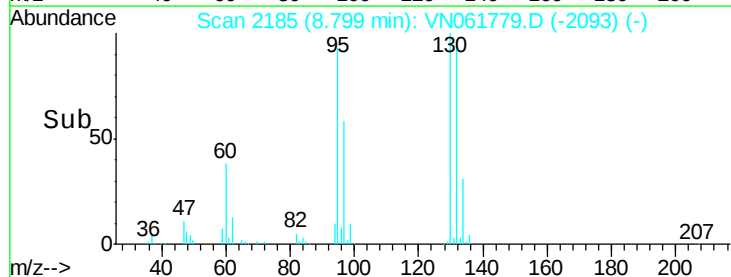
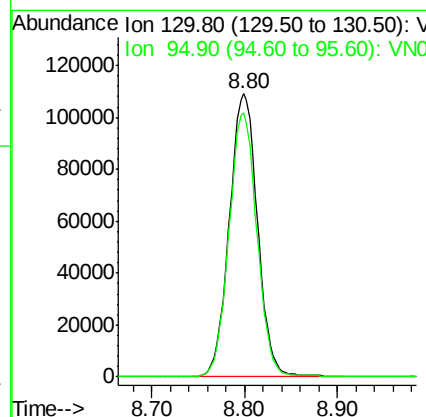
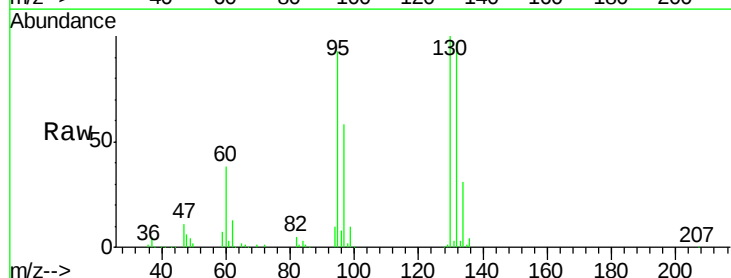
Manual Integrations
APPROVED

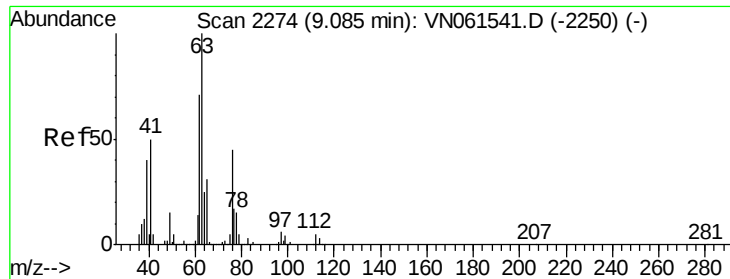
MMDadoda
6/15/2020 11:08:27 AM



#44
Trichloroethene
Concen: 56.449 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.4	0.0	196.6





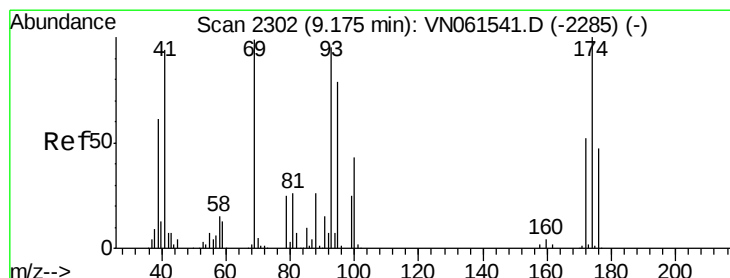
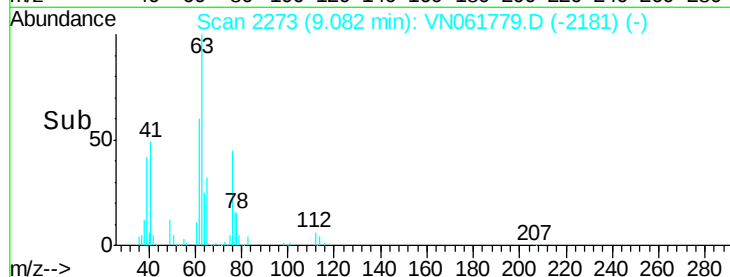
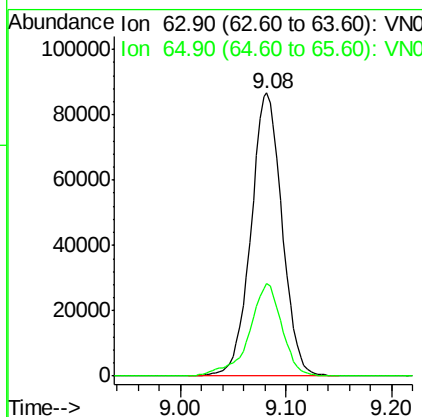
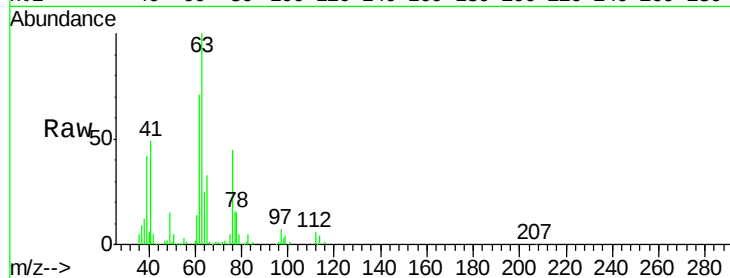
#45
 1,2-Dichloropropane
 Concen: 56.588 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN061779.D
 Acq: 12 Jun 2020 9:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 178408
 Ion Ratio Lower Upper
 63 100
 65 32.8 24.7 37.1

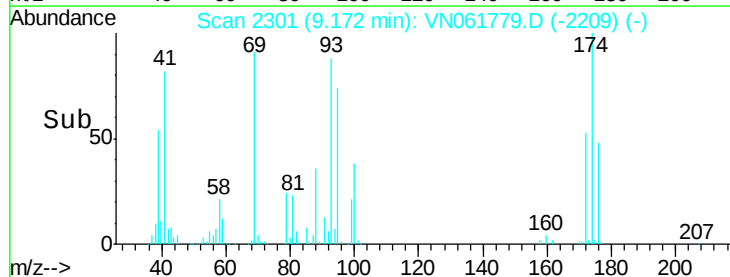
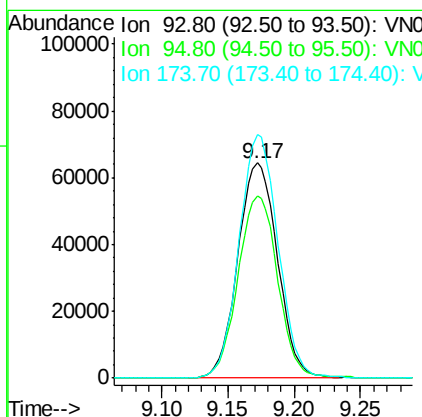
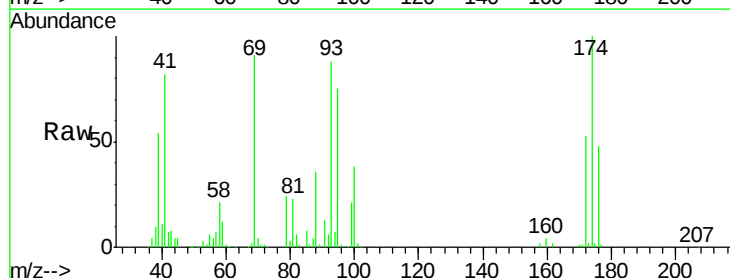
Manual Integrations
 APPROVED

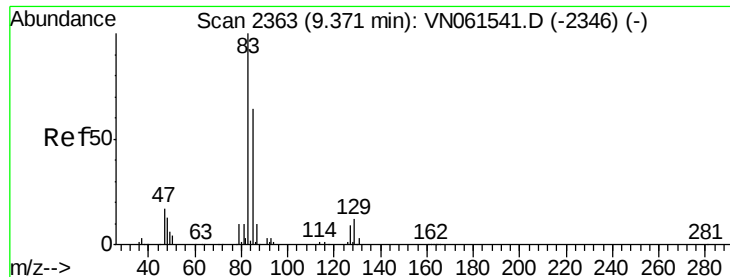
MMDadoda
 6/15/2020 11:08:27 AM



#46
 Dibromomethane
 Concen: 55.630 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN061779.D
 Acq: 12 Jun 2020 9:59

Tgt Ion: 93 Resp: 134512
 Ion Ratio Lower Upper
 93 100
 95 84.9 66.0 99.0
 174 111.2 82.5 123.7





#47

Bromodichloromethane

Concen: 58.408 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

Instrument :

MSVOA_N

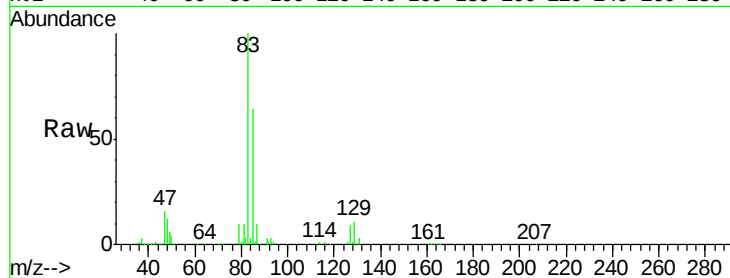
ClientSampleId :

VSTDCCC050

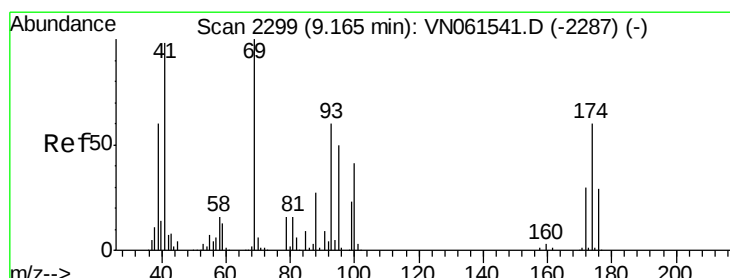
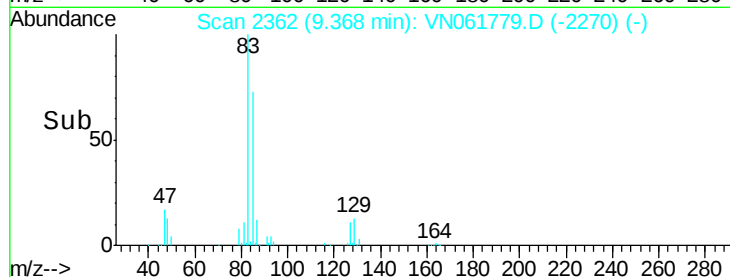
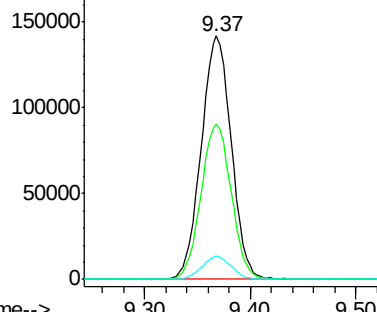
Tot Ion:	83	Resp:	279810
Ion Ratio	Lower	Upper	
83	100		
85	63.7	51.1	76.7
127	9.5	7.2	10.8

Manual Integrations
APPROVED

MMDadoda
6/15/2020 11:08:27 AM



Abundance Ion 82.90 (82.60 to 83.60): VN061779.D (-2270) (-)



#48

Methyl methacrylate

Concen: 47.545 ug/l

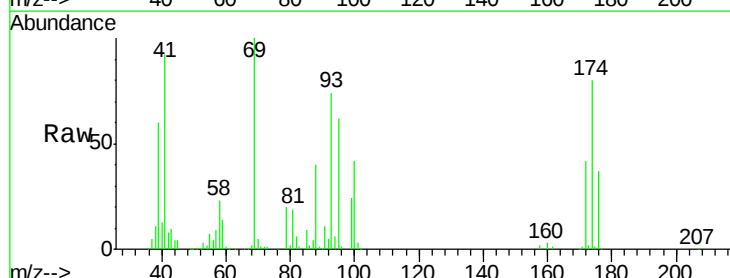
RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

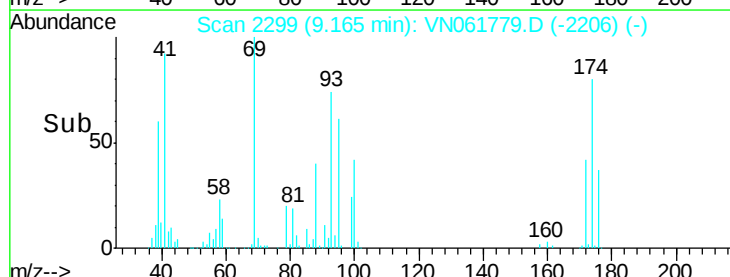
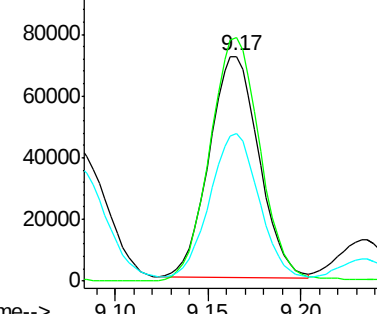
Lab File: VN061779.D

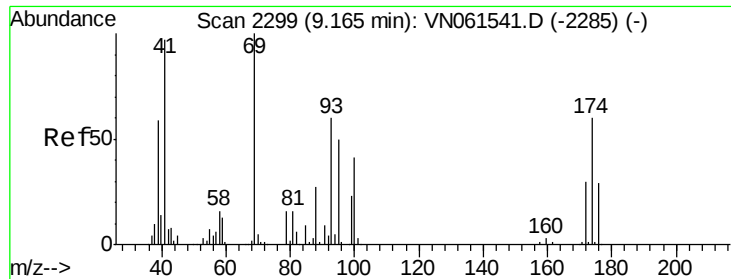
Acq: 12 Jun 2020 9:59

Tgt Ion:	41	Resp:	133386
Ion Ratio	Lower	Upper	
41	100		
69	111.8	83.9	125.9
39	67.4	52.1	78.1



Abundance Ion 41.00 (40.70 to 41.70): VN061779.D (-2206) (-)





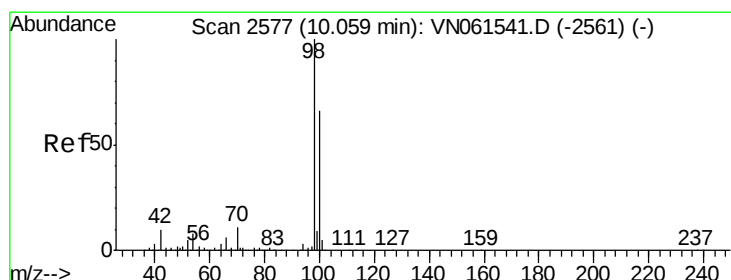
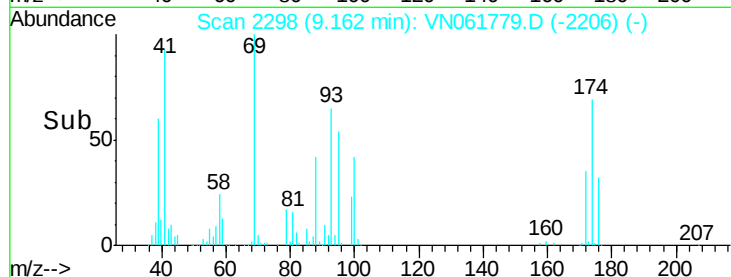
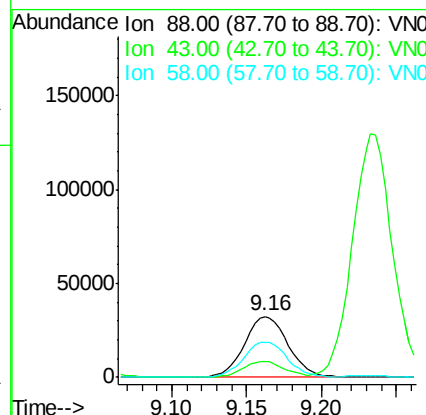
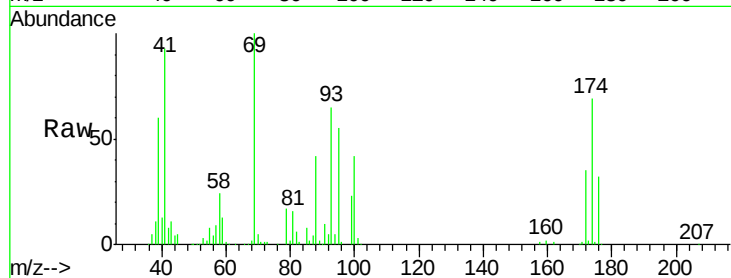
#49
1,4-Dioxane
Concen: 1515.611 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	23.5	23.1	34.7
58	57.9	48.3	72.5

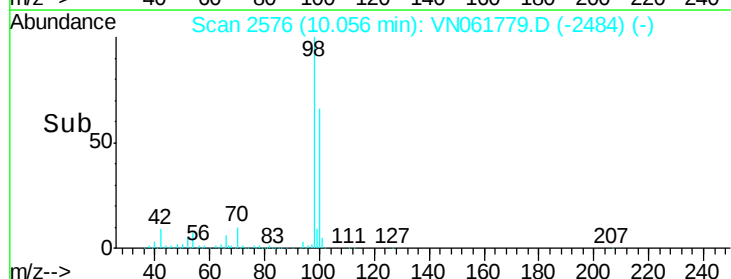
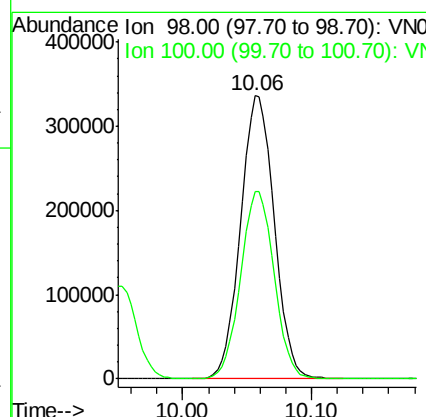
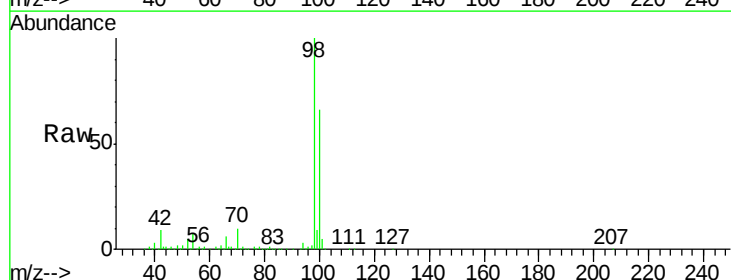
Manual Integrations
APPROVED

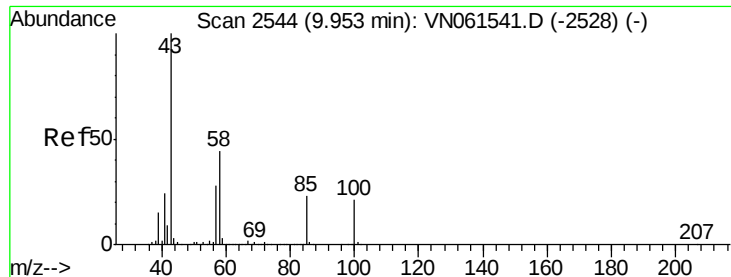
MMDadoda
6/15/2020 11:08:27 AM



#50
Toluene-d8
Concen: 53.602 ug/l
RT: 10.06 min Scan# 2576
Delta R.T. -0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.8	79.2





#51

4-Methyl-2-Pentanone

Concen: 256.486 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 901267

Ion Ratio Lower Upper

43 100

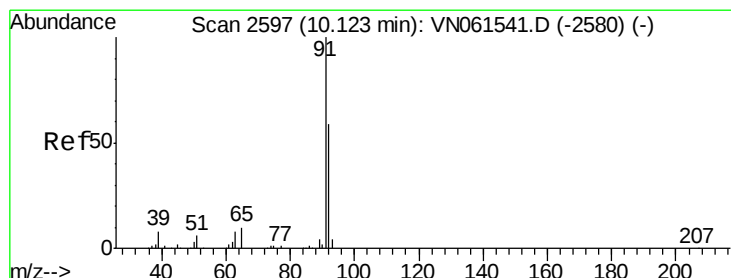
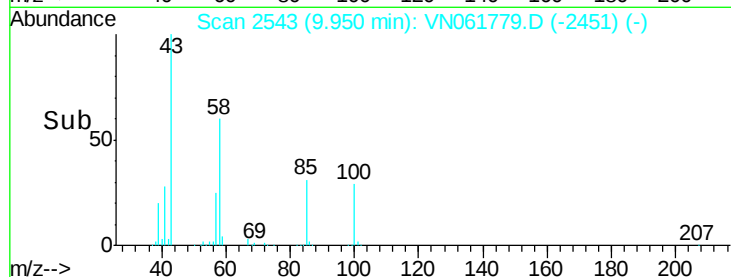
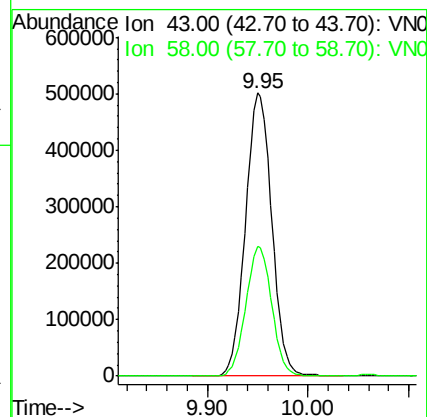
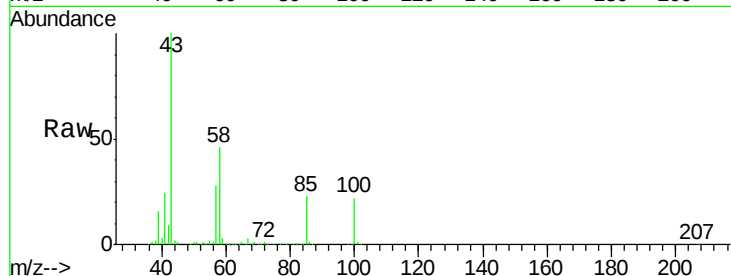
58 45.2 35.0 52.6

Manual Integrations

APPROVED

MMDadoda

6/15/2020 11:08:27 AM



#52

Toluene

Concen: 56.963 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN061779.D

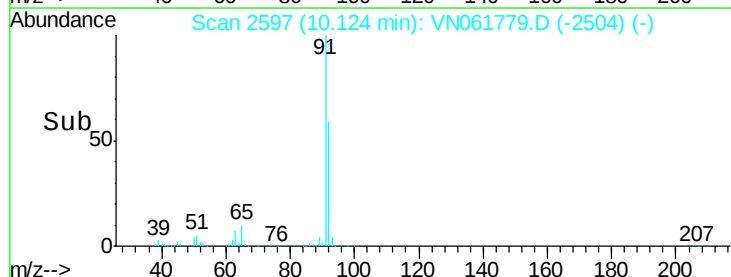
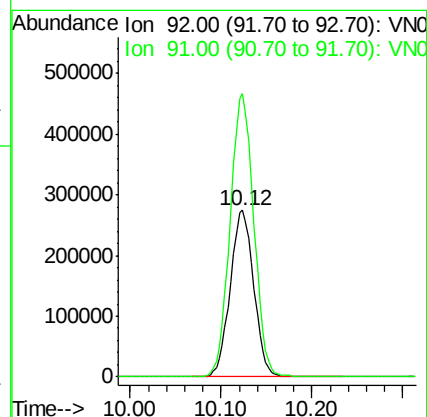
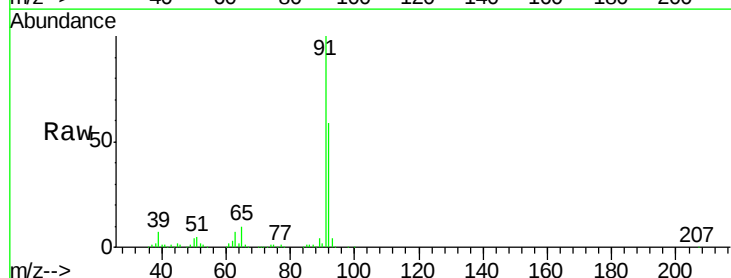
Acq: 12 Jun 2020 9:59

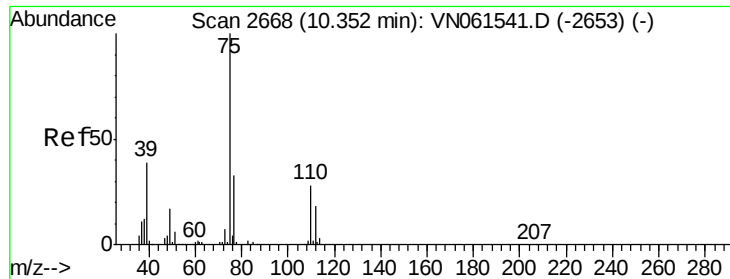
Tgt Ion: 92 Resp: 493637

Ion Ratio Lower Upper

92 100

91 171.1 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 56.849 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 293382

Ion Ratio Lower Upper

75 100

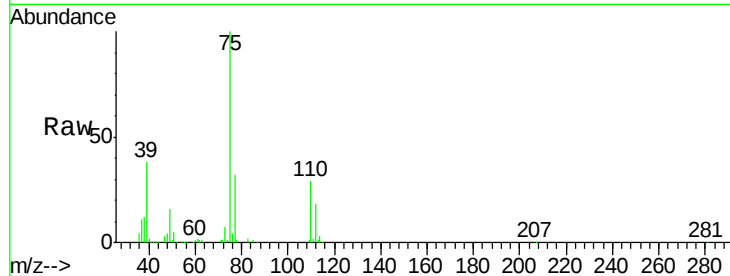
77 32.1 26.2 39.4

Manual Integrations

APPROVED

MMDadoda

6/15/2020 11:08:27 AM



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.35

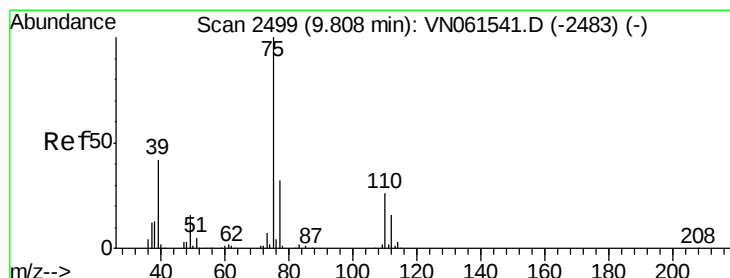
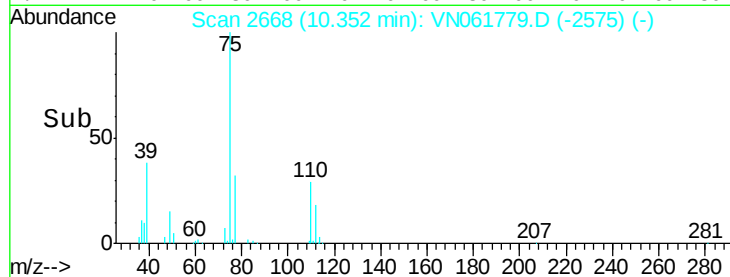
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 57.104 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

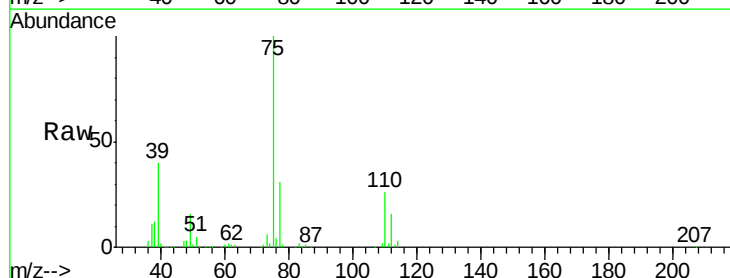
Tgt Ion: 75 Resp: 316865

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.2

39 39.7 33.8 50.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.81

200000

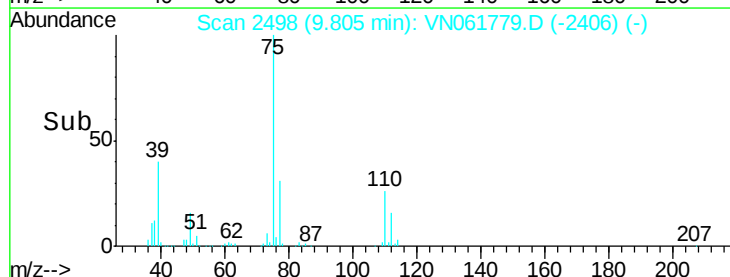
150000

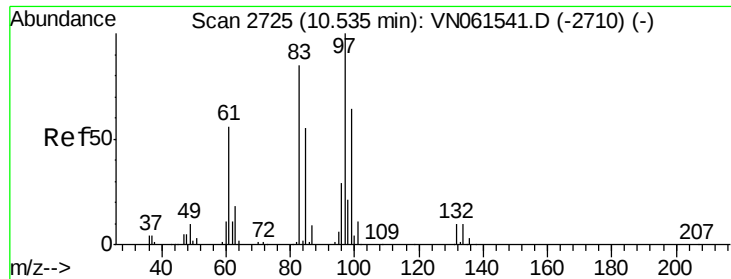
100000

50000

0

Time-->





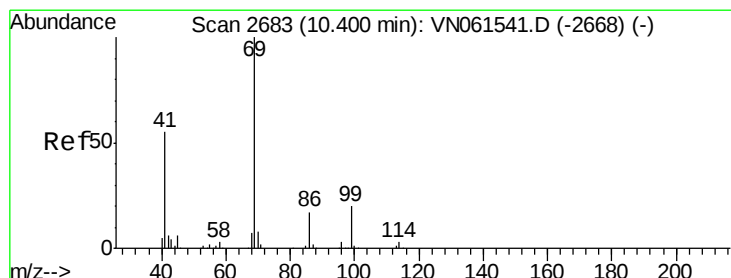
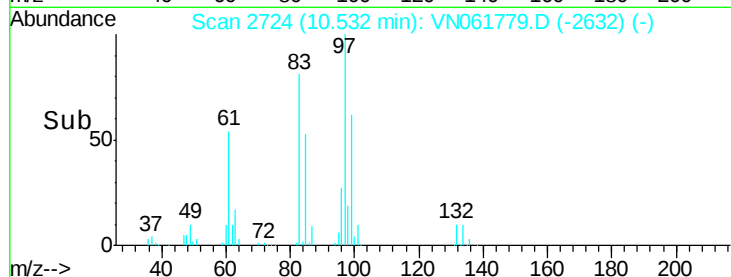
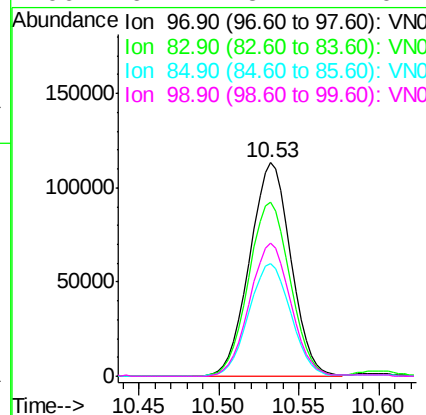
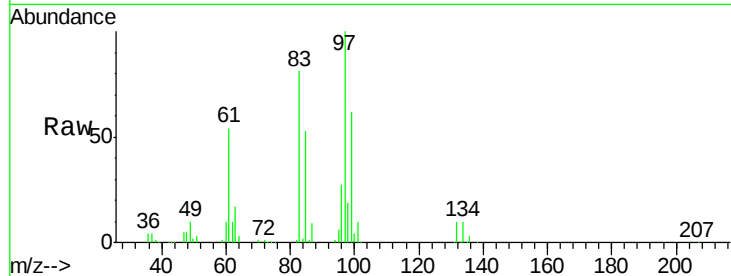
#55
 1,1,2-Trichloroethane
 Concen: 57.987 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061779.D
 Acq: 12 Jun 2020 9:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	200202
Ion Ratio	Lower	Upper	
97	100		
83	81.5	68.1	102.1
85	52.9	44.1	66.1
99	62.2	51.1	76.7

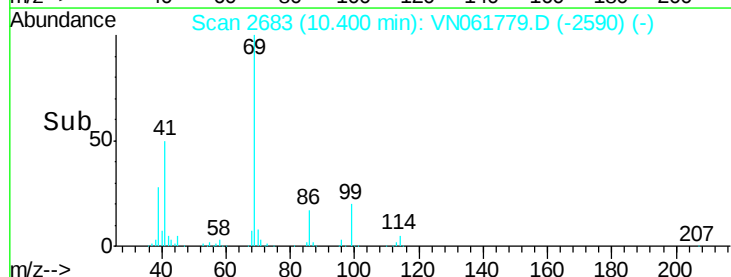
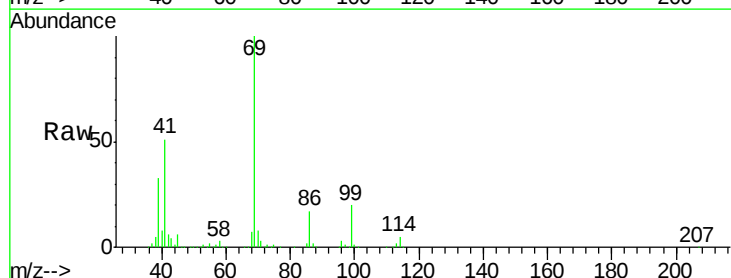
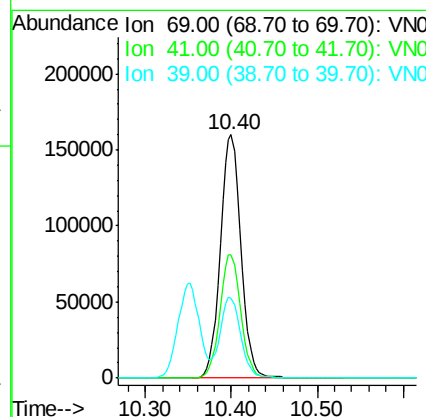
Manual Integrations
 APPROVED

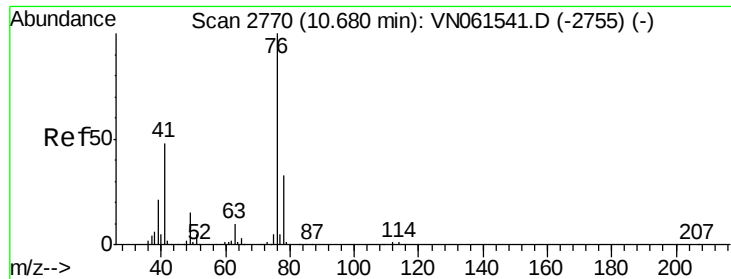
MMDadoda
 6/15/2020 11:08:27 AM



#56
 Ethyl methacrylate
 Concen: 55.496 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN061779.D
 Acq: 12 Jun 2020 9:59

Tgt Ion:	69	Resp:	267649
Ion Ratio	Lower	Upper	
69	100		
41	50.7	43.5	65.3
39	33.5	27.0	40.6





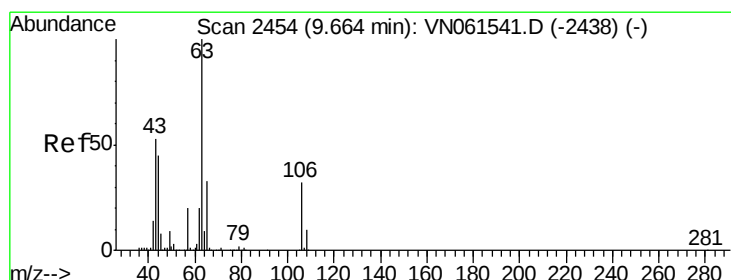
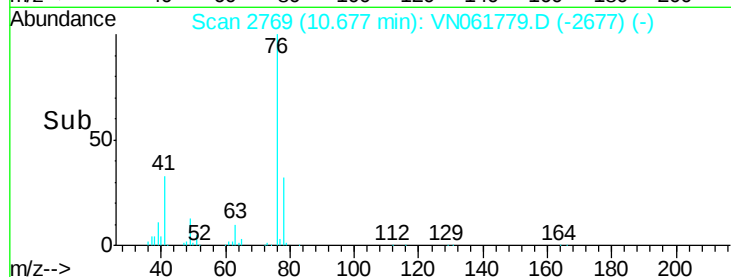
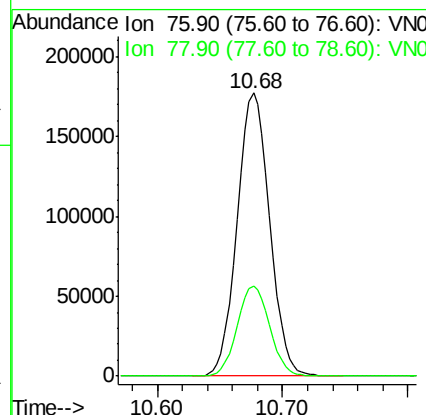
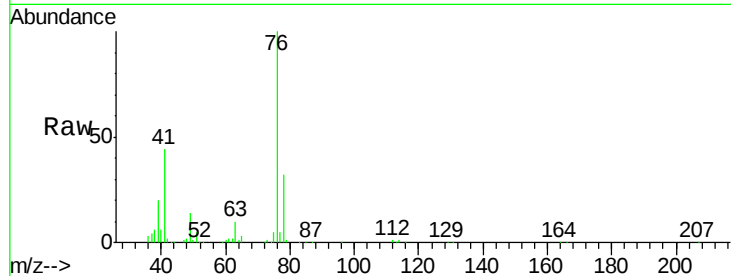
#57
 1,3-Dichloropropane
 Concen: 57.737 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN061779.D
 Acq: 12 Jun 2020 9:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	26.3	39.5

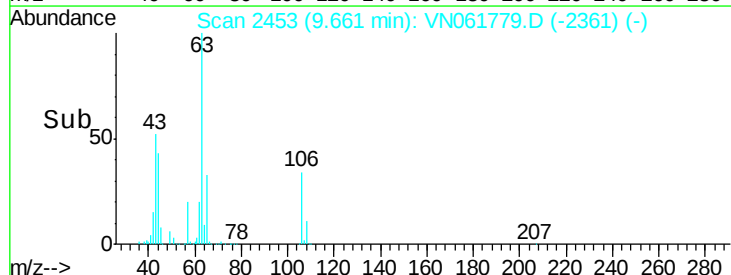
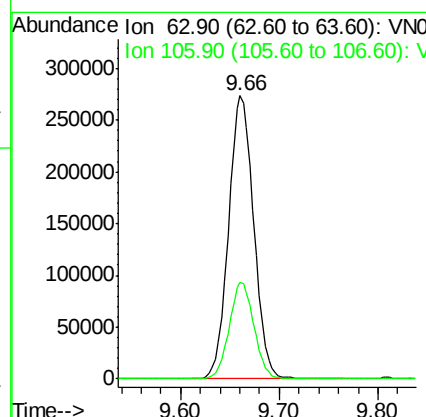
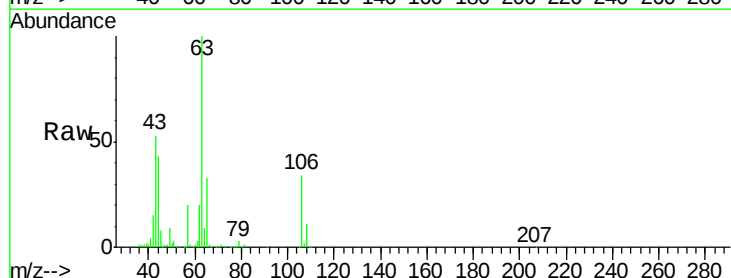
Manual Integrations
 APPROVED

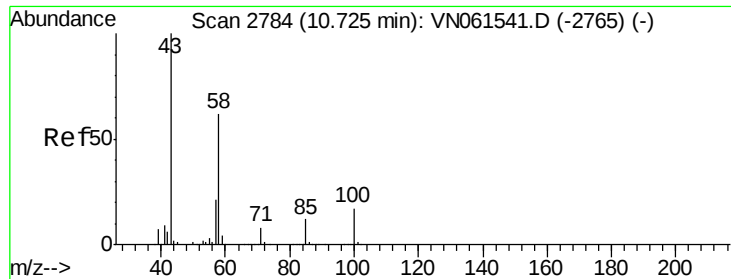
MMDadoda
 6/15/2020 11:08:27 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 237.204 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN061779.D
 Acq: 12 Jun 2020 9:59

Tgt Ion	Ratio	Lower	Upper
63	100		
106	33.4	25.9	38.9





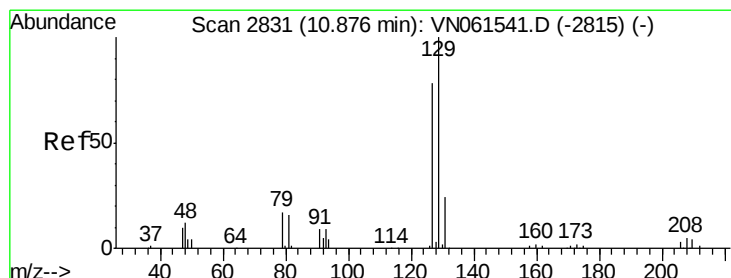
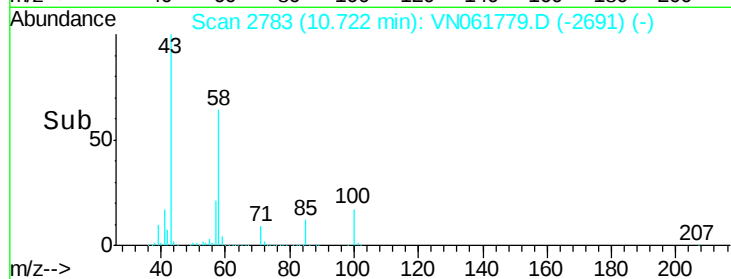
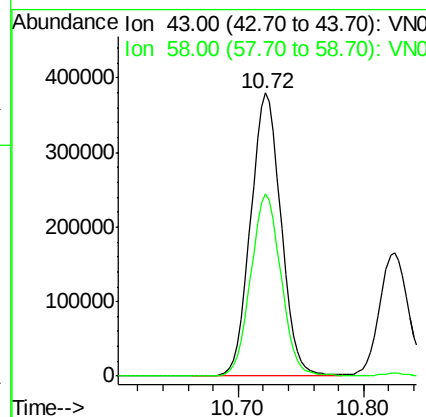
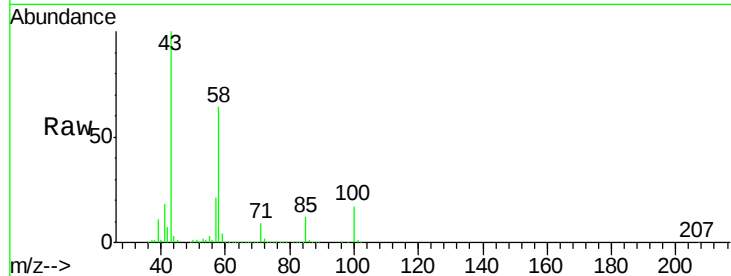
#59
2-Hexanone
Concen: 254.101 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 641247
Ion Ratio Lower Upper
43 100
58 64.2 30.7 92.1

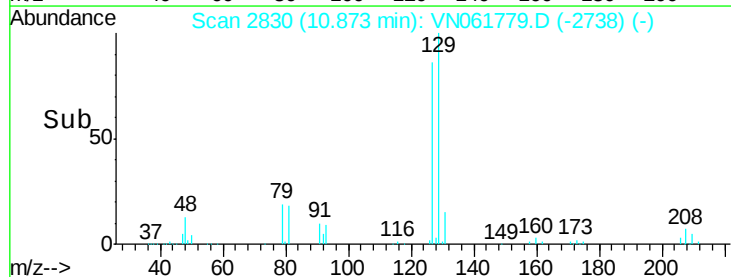
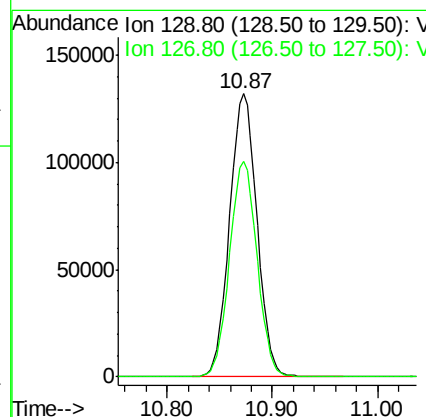
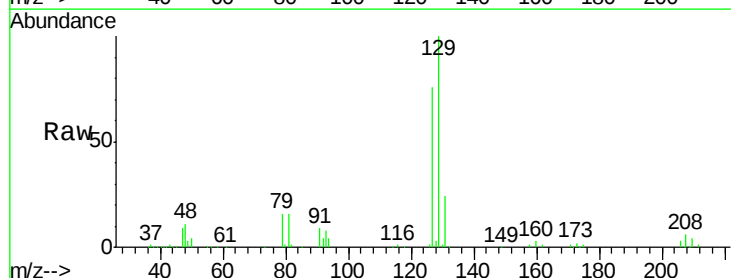
Manual Integrations
APPROVED

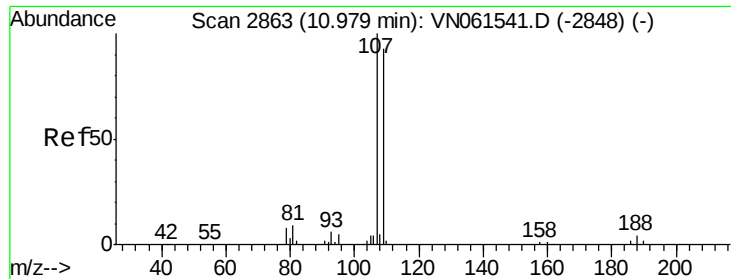
MMDadoda
6/15/2020 11:08:27 AM



#60
Dibromochloromethane
Concen: 60.479 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Tgt Ion: 129 Resp: 237384
Ion Ratio Lower Upper
129 100
127 76.3 38.8 116.3





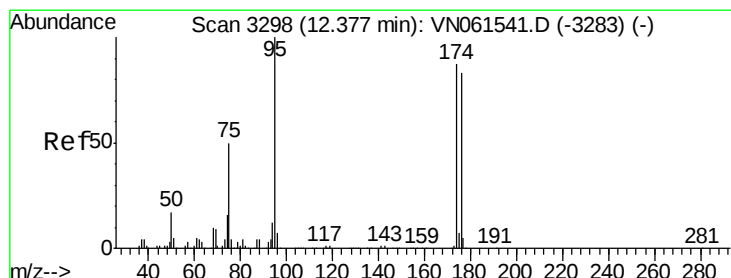
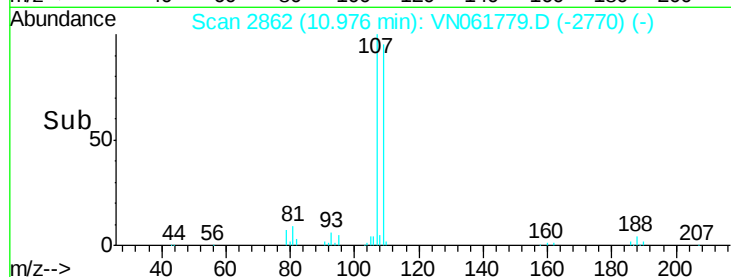
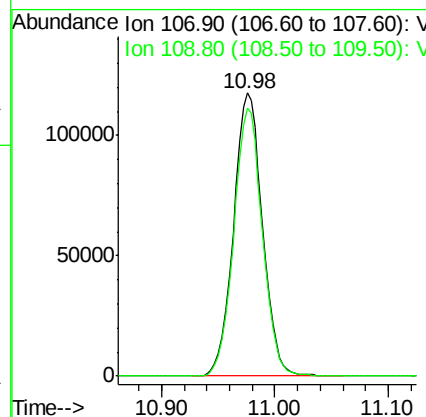
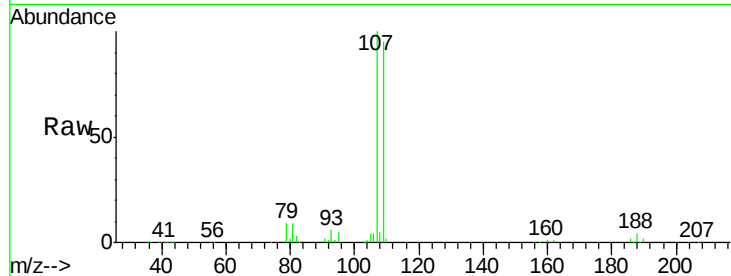
#61
 1,2-Dibromoethane
 Concen: 57.800 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061779.D
 Acq: 12 Jun 2020 9:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.0	76.1	114.1

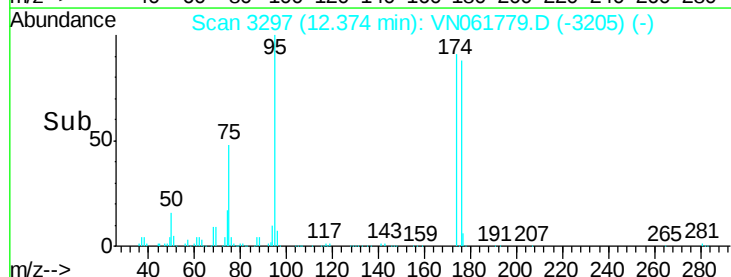
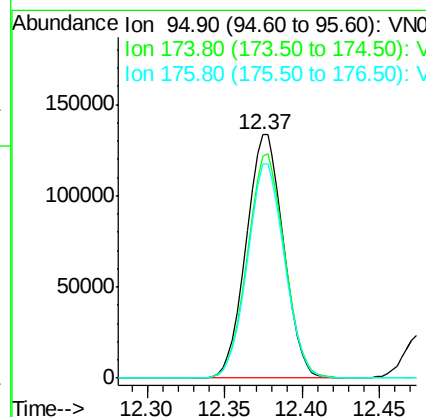
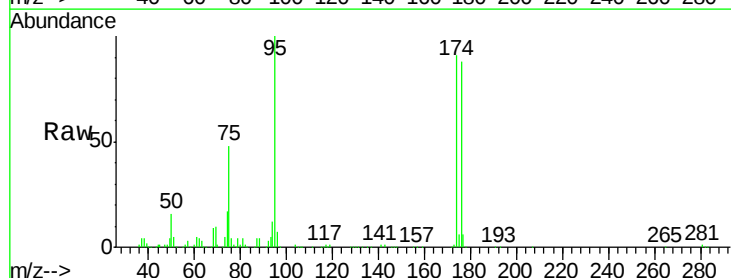
Manual Integrations
 APPROVED

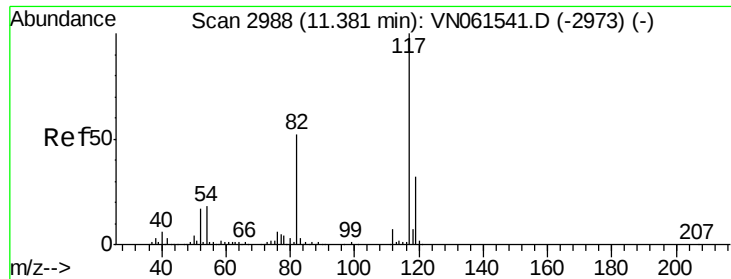
MMDadoda
 6/15/2020 11:08:27 AM



#62
 4-Bromofluorobenzene
 Concen: 53.675 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN061779.D
 Acq: 12 Jun 2020 9:59

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.4	0.0	172.8
176	87.9	0.0	164.8





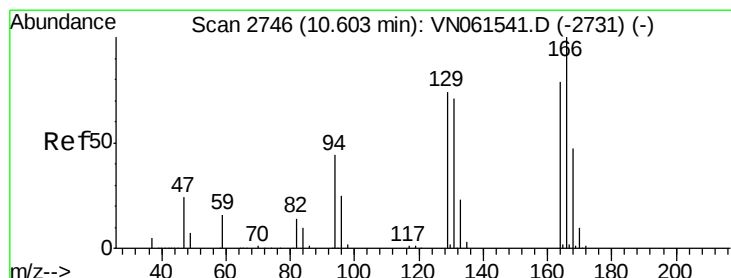
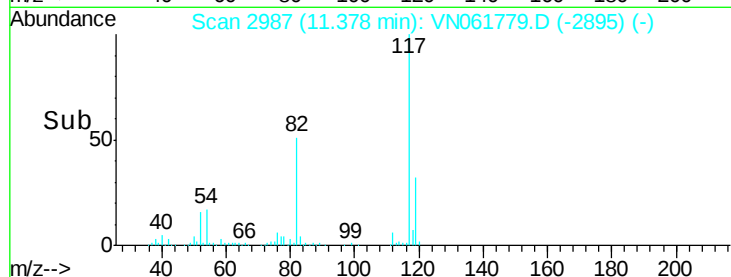
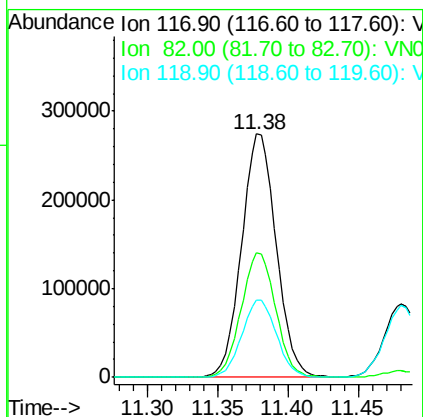
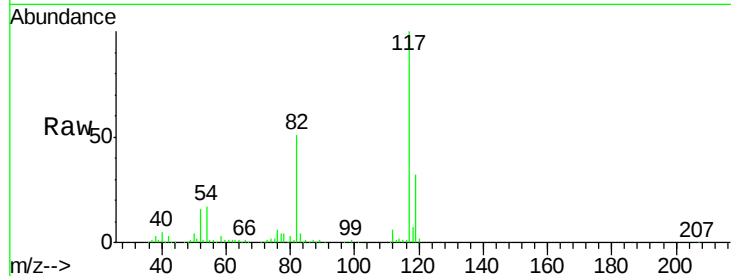
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	473363		
82	51.4		41.5	62.3
119	31.6		25.6	38.4

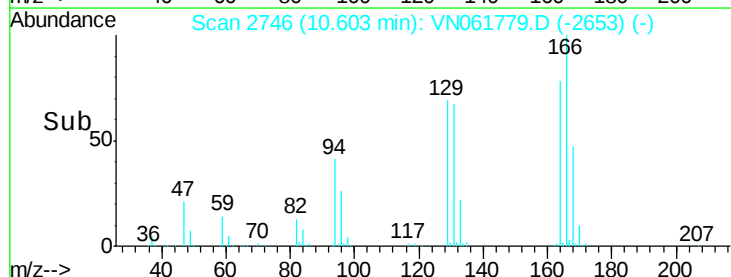
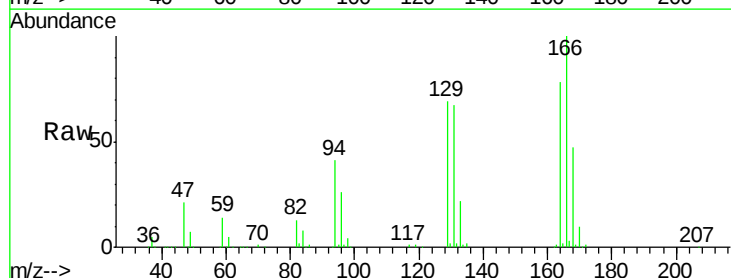
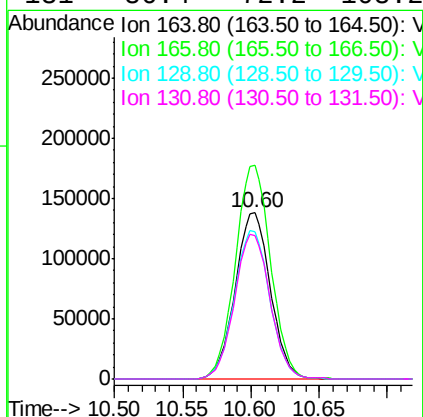
Manual Integrations
APPROVED

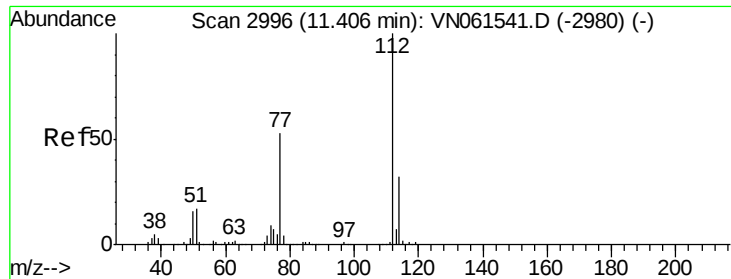
MMDadoda
6/15/2020 11:08:27 AM



#64
Tetrachloroethene
Concen: 55.644 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	247940		
166	128.7		101.5	152.3
129	88.9		74.9	112.3
131	86.4		72.2	108.2





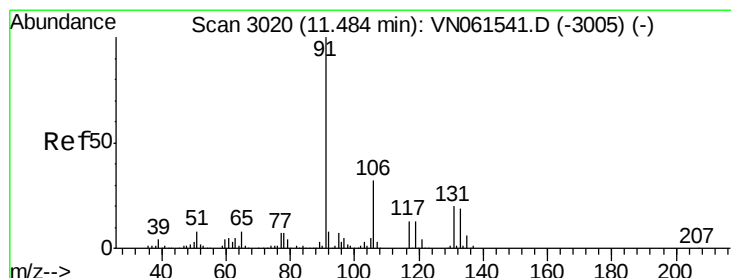
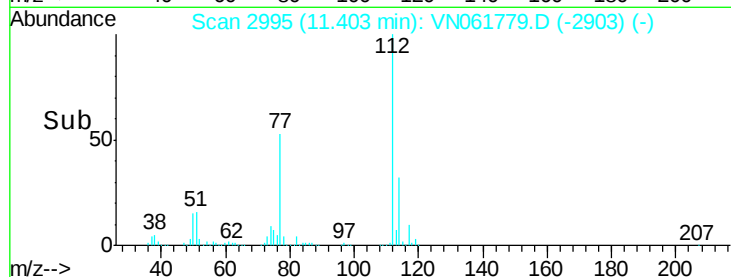
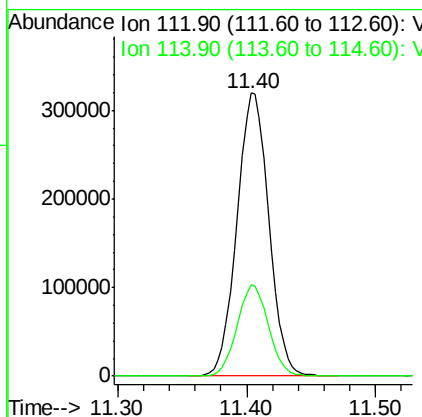
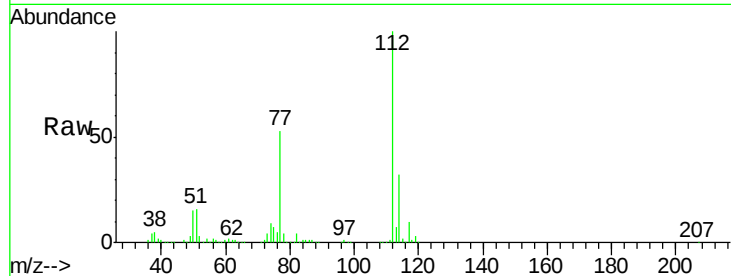
#65
Chlorobenzene
Concen: 55.827 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.7	38.5

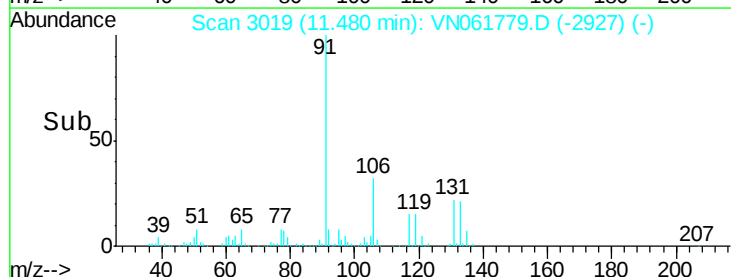
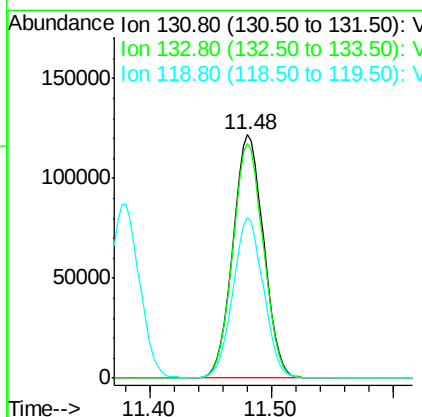
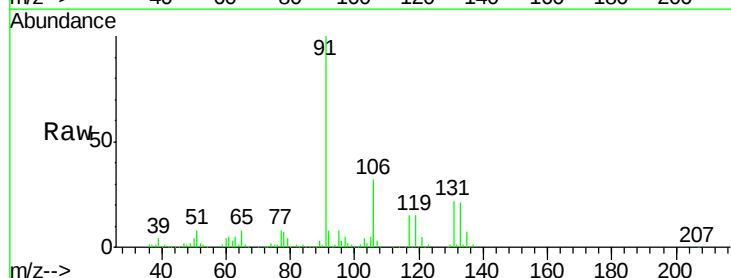
Manual Integrations
APPROVED

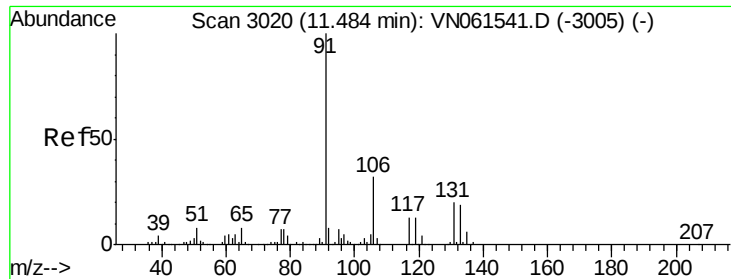
MMDadoda
6/15/2020 11:08:27 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 58.132 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.0	47.4	142.2
119	65.4	32.6	97.8





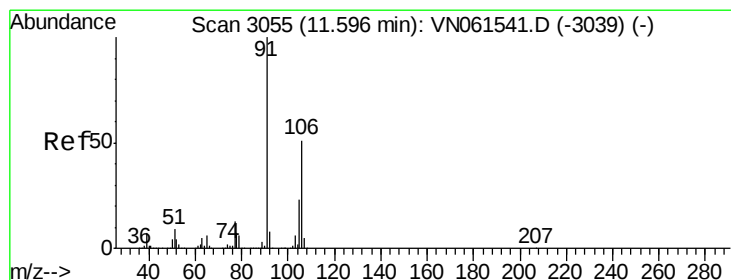
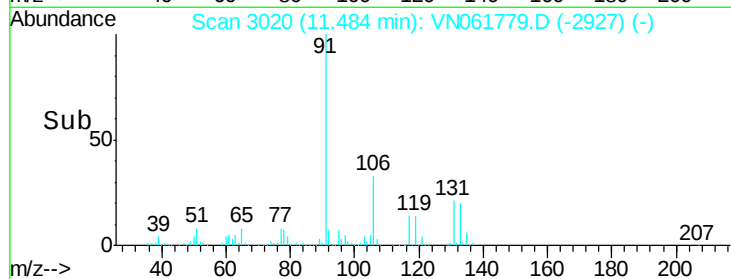
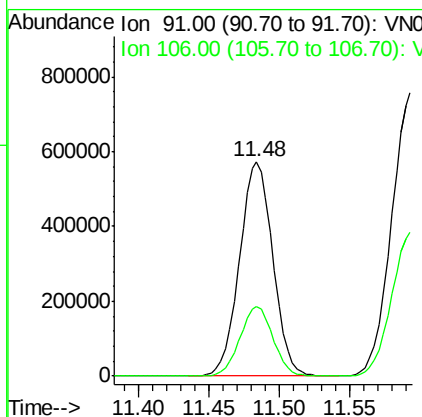
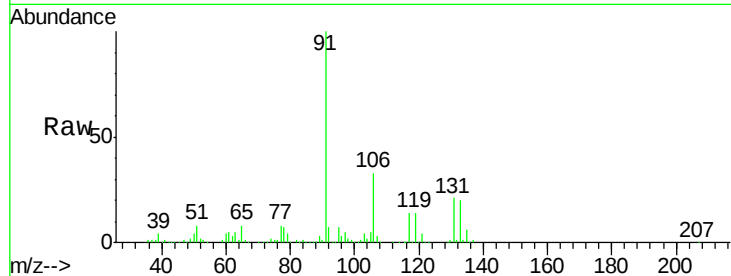
#67
Ethyl Benzene
Concen: 55.774 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.5	25.6	38.4

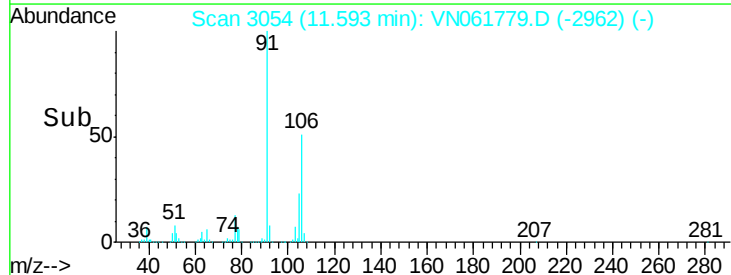
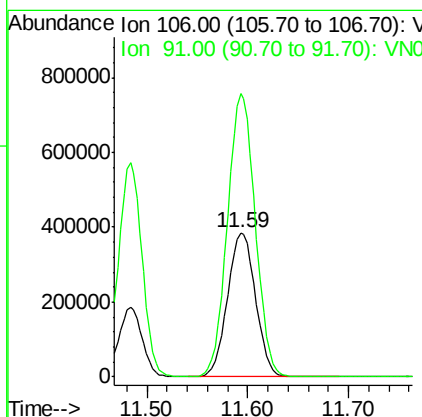
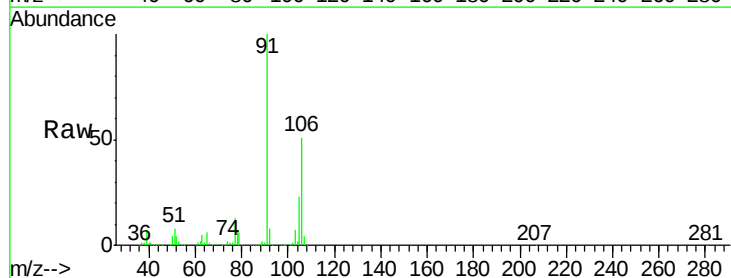
Manual Integrations
APPROVED

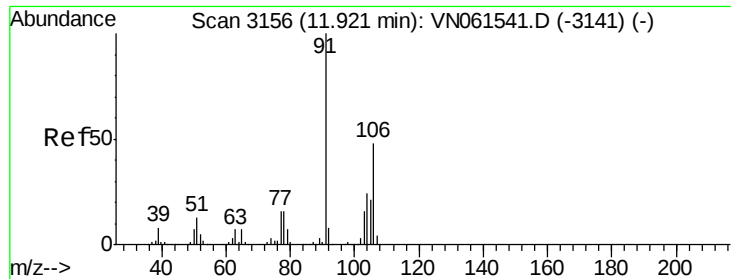
MMDadoda
6/15/2020 11:08:27 AM



#68
m/p-Xylenes
Concen: 110.444 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Tgt Ion	Ratio	Lower	Upper
106	100		
91	194.8	156.2	234.4





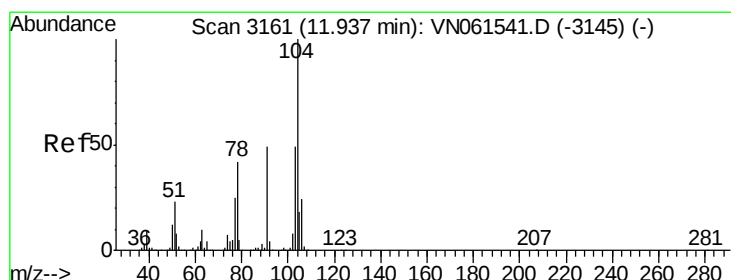
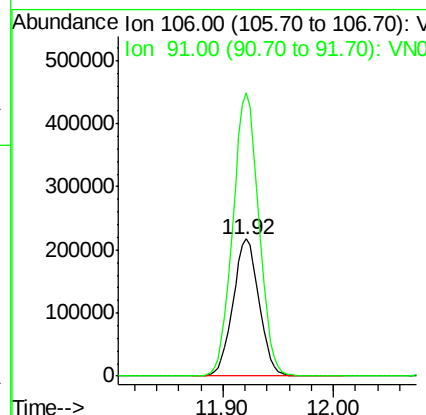
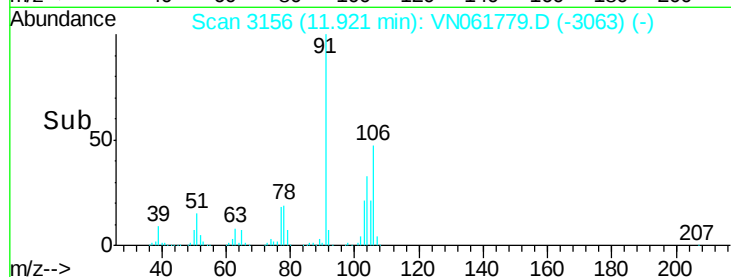
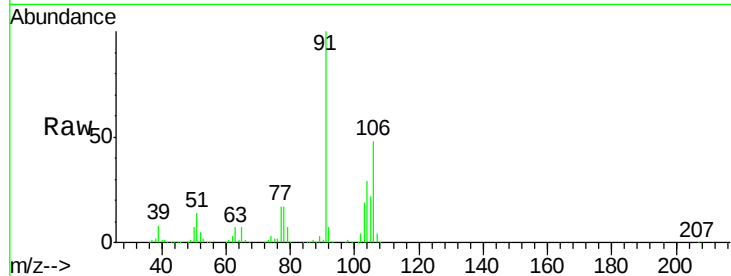
#69
o-Xylene
Concen: 55.672 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	206.3	103.3	309.8		

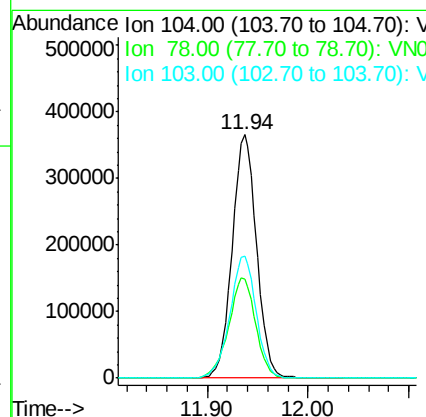
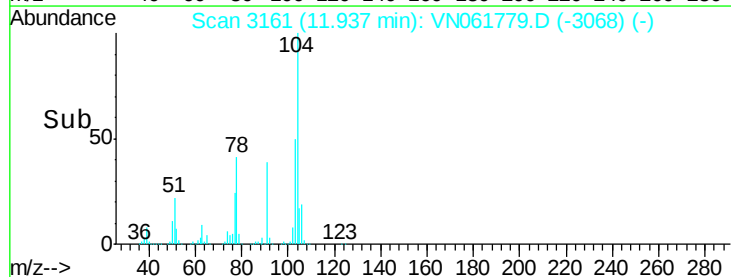
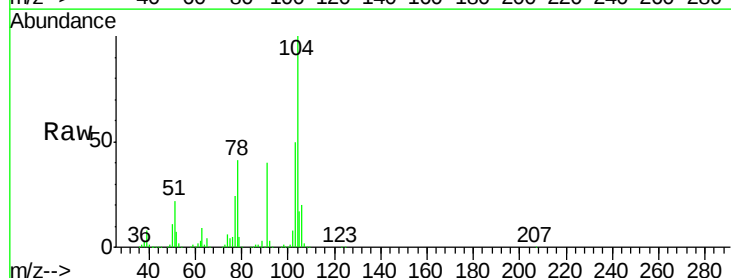
Manual Integrations
APPROVED

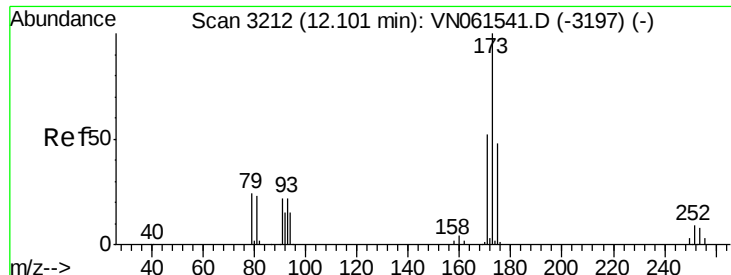
MMDadoda
6/15/2020 11:08:27 AM



#70
Styrene
Concen: 58.238 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	45.5	37.4	56.0		
103	54.2	42.3	63.5		





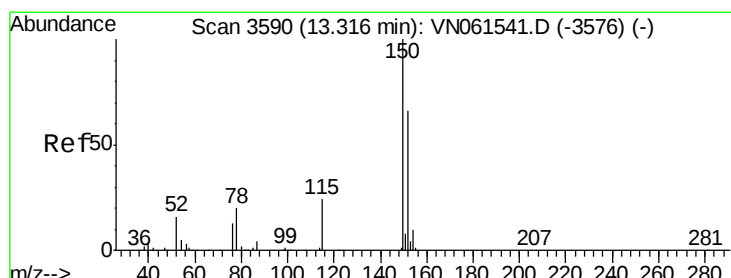
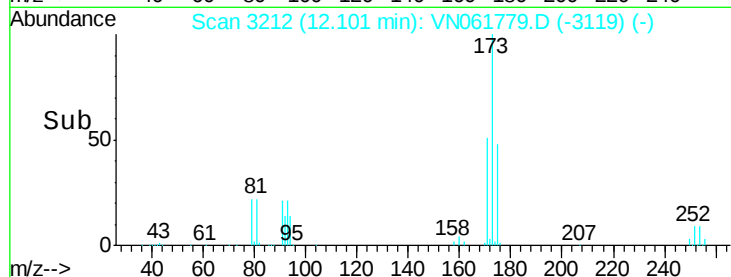
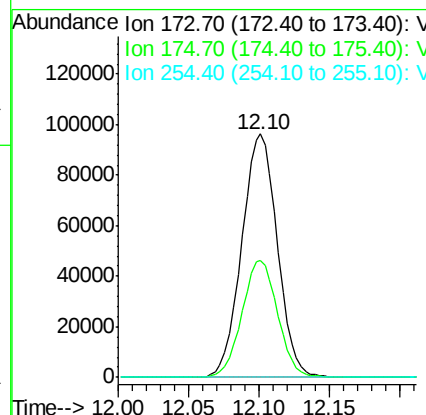
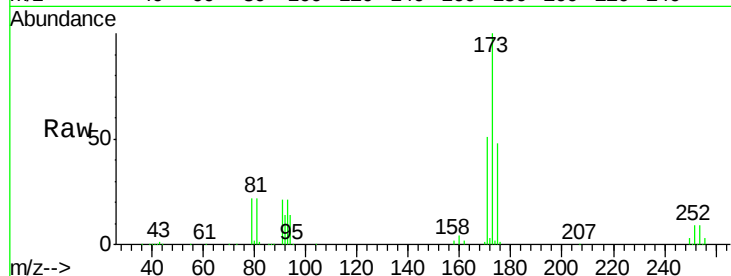
#71
Bromoform
Concen: 60.240 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.4	73.2
254	0.1	0.0	0.0

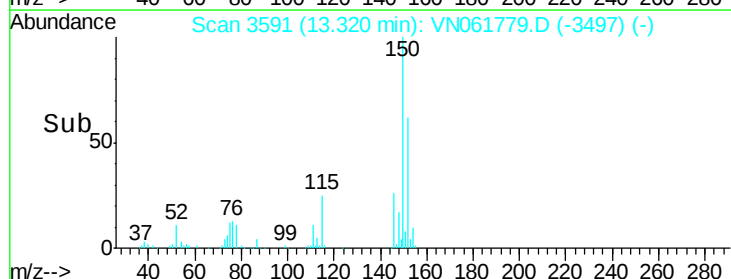
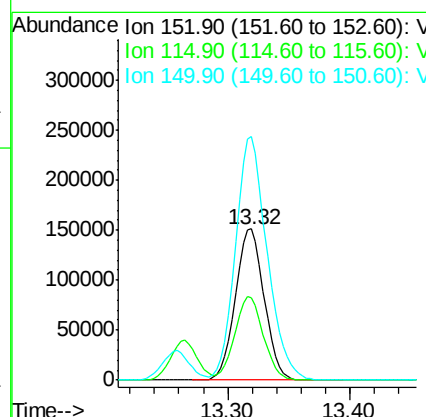
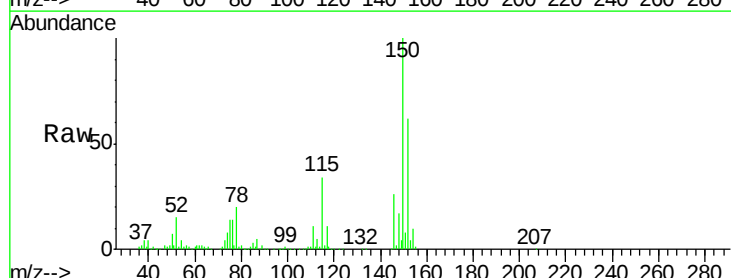
Manual Integrations
APPROVED

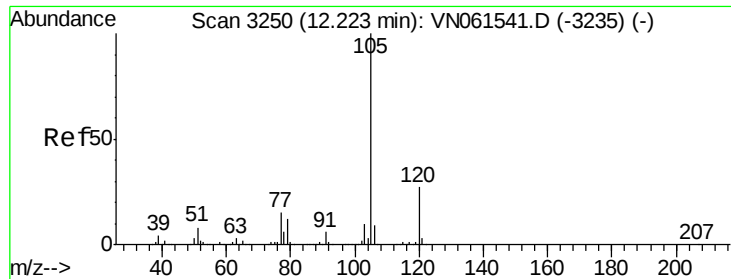
MMDadoda
6/15/2020 11:08:27 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.9	28.0	84.0
150	176.3	0.0	344.0





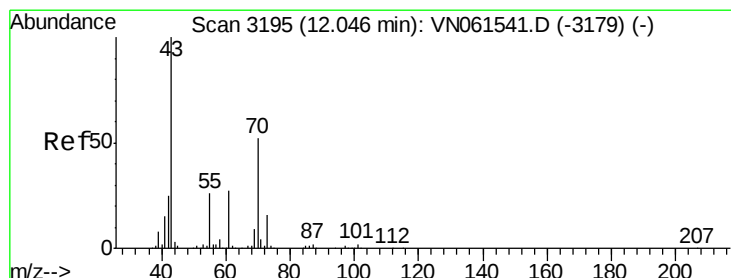
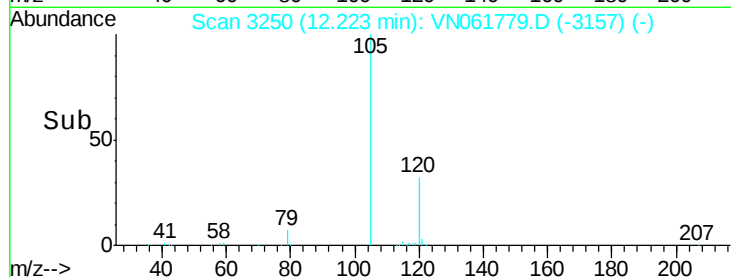
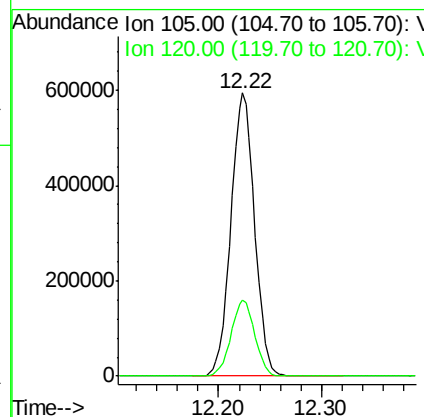
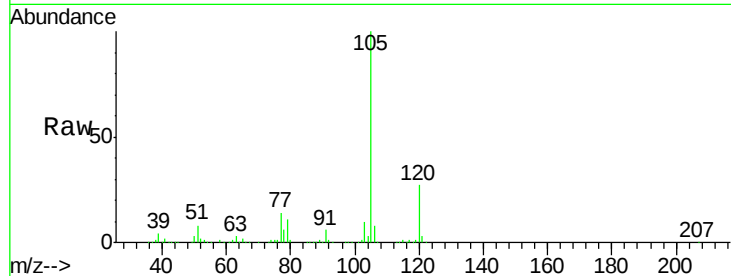
#73
Isopropylbenzene
Concen: 52.384 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. 0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
105	100	948819		
120	27.0	13.8	41.3	

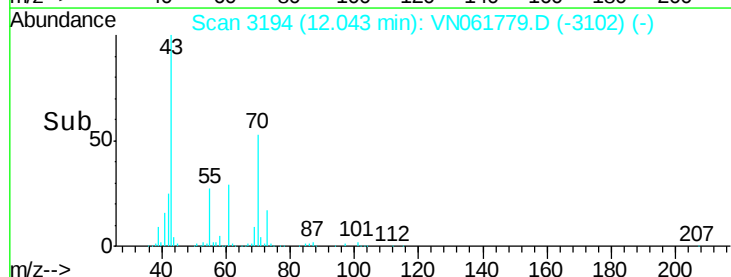
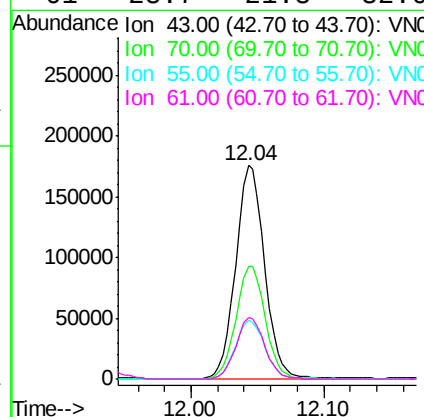
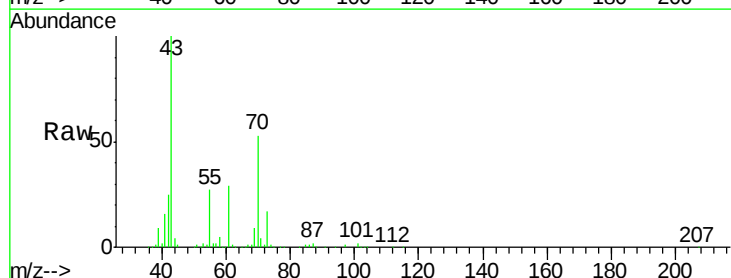
Manual Integrations
APPROVED

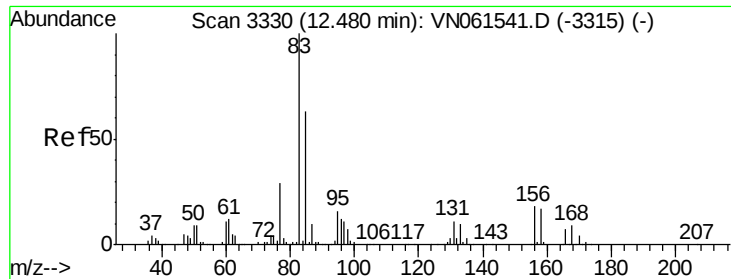
MMDadoda
6/15/2020 11:08:27 AM



#74
N-ethyl acetate
Concen: 46.758 ug/l
RT: 12.04 min Scan# 3194
Delta R.T. -0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	266718		
70	53.5	40.5	60.7	
55	28.3	20.6	31.0	
61	28.7	21.8	32.6	





#75

1,1,2,2-Tetrachloroethane

Concen: 50.299 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

Instrument :

MSVOA_N

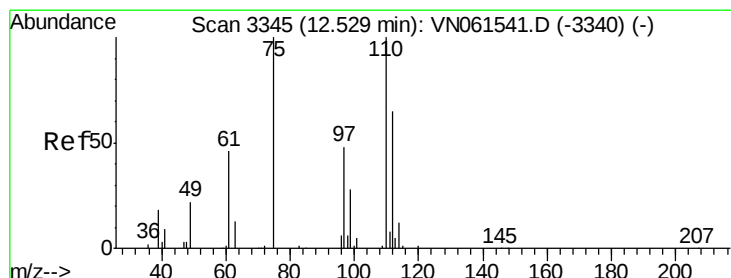
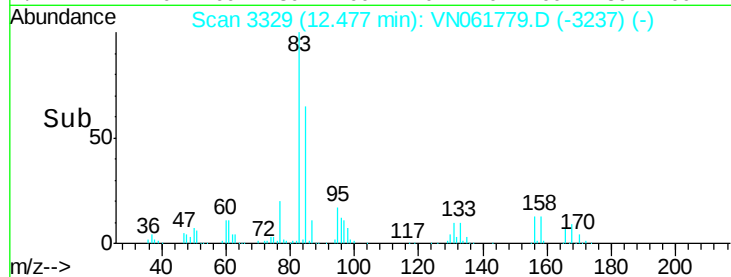
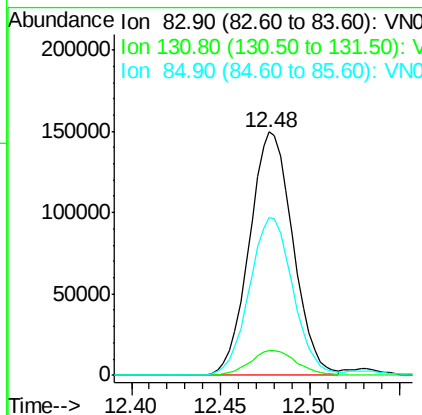
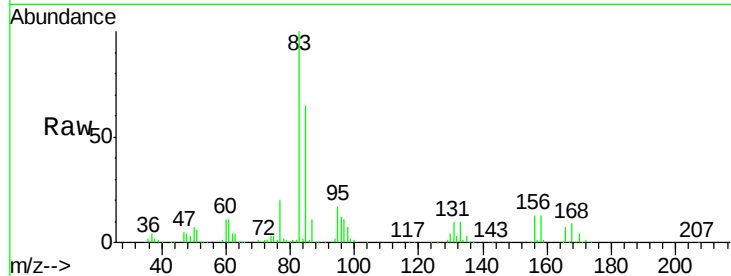
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	255308
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.5	16.5
85	64.9	32.1	96.3

Manual Integrations
APPROVED

MMDadoda
6/15/2020 11:08:27 AM



#76

1,2,3-Trichloropropane

Concen: 47.796 ug/l m

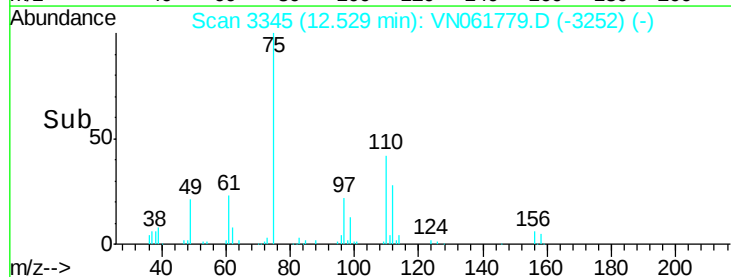
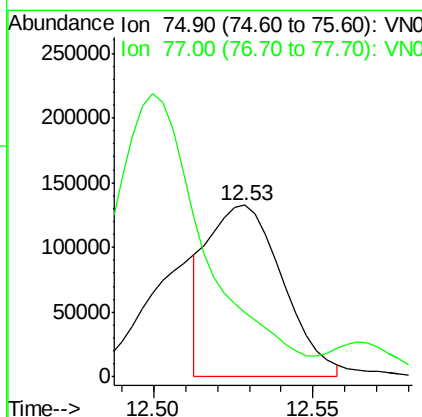
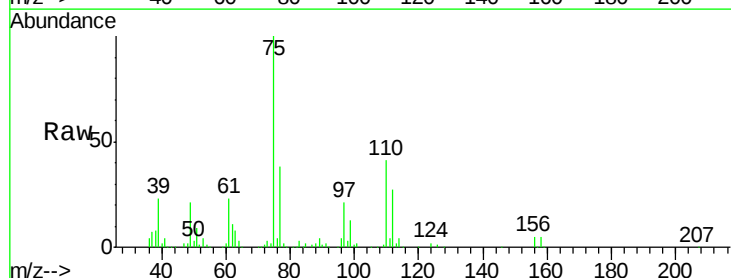
RT: 12.53 min Scan# 3345

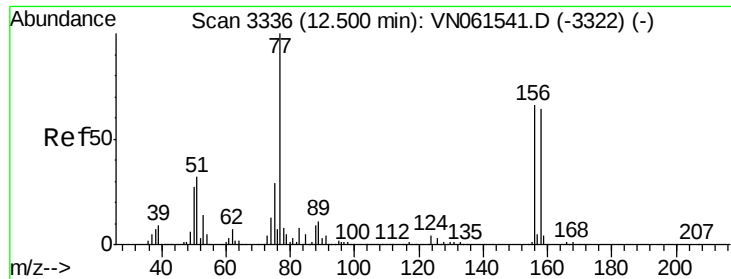
Delta R.T. 0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

Tgt Ion:	75	Resp:	215684
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





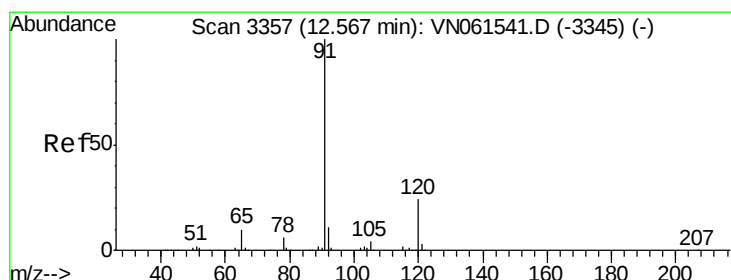
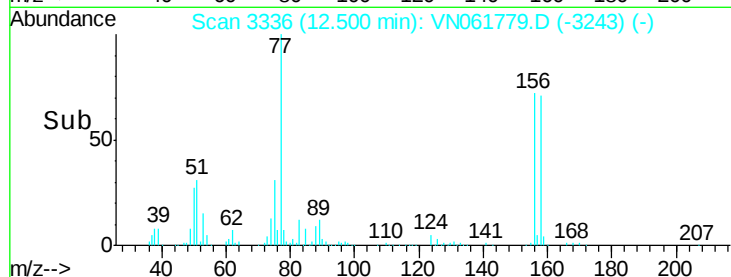
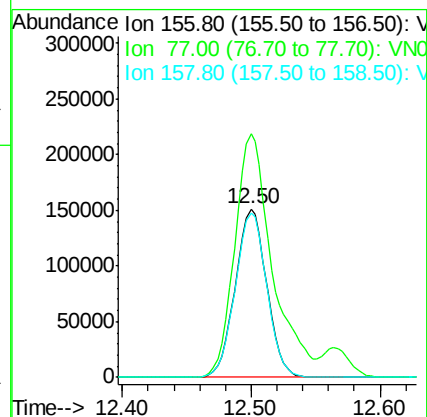
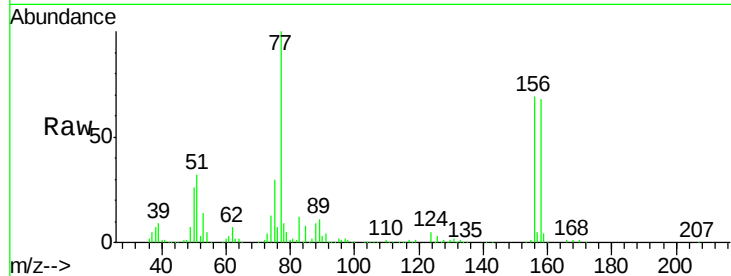
#77
Bromobenzene
Concen: 55.276 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. 0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
156	100	255568		
77	173.4	90.9	272.7	
158	98.3	48.4	145.3	

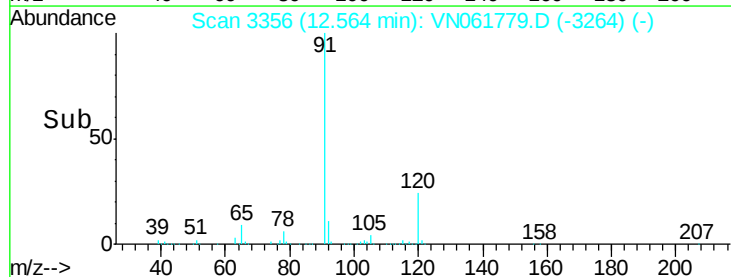
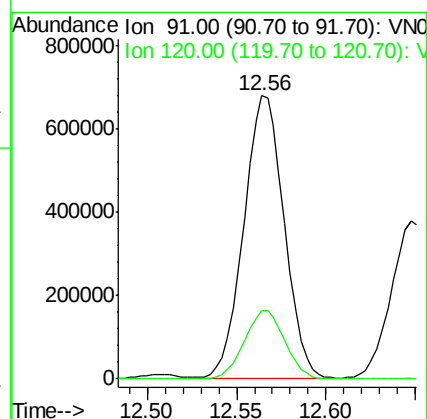
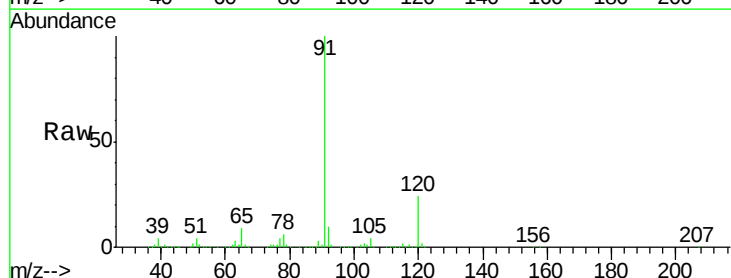
Manual Integrations
APPROVED

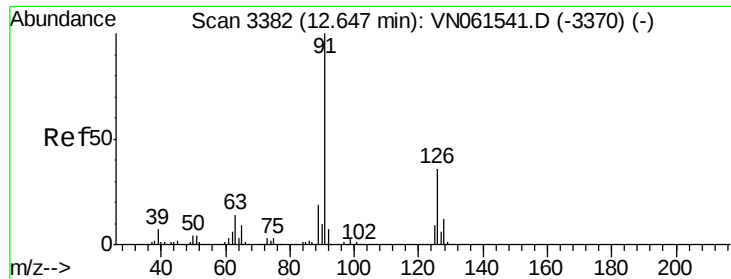
MMDadoda
6/15/2020 11:08:27 AM



#78
n-propylbenzene
Concen: 52.911 ug/l
RT: 12.56 min Scan# 3356
Delta R.T. -0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	1069899		
120	24.4	12.3	36.9	





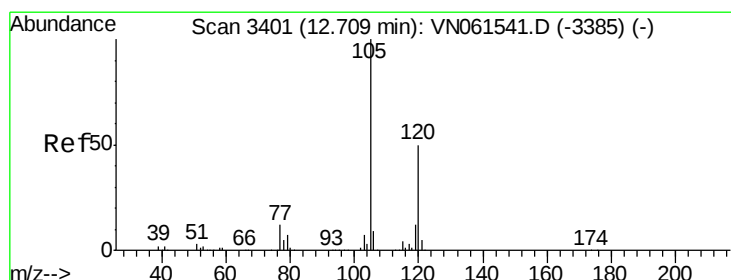
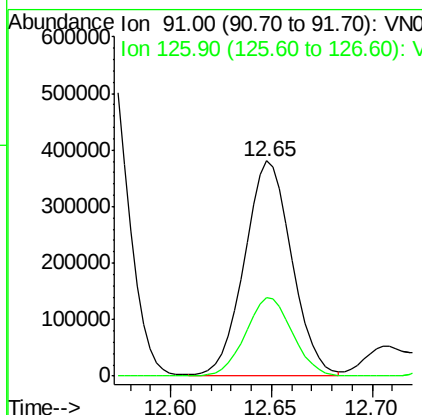
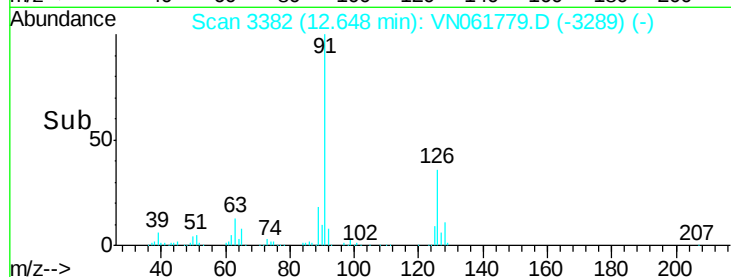
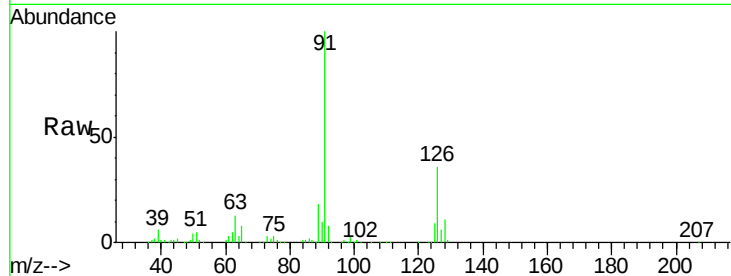
#79
 2-Chlorotoluene
 Concen: 51.464 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. 0.00 min
 Lab File: VN061779.D
 Acq: 12 Jun 2020 9:59

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion: 91 Resp: 620520
 Ion Ratio Lower Upper
 91 100
 126 36.5 17.9 53.7

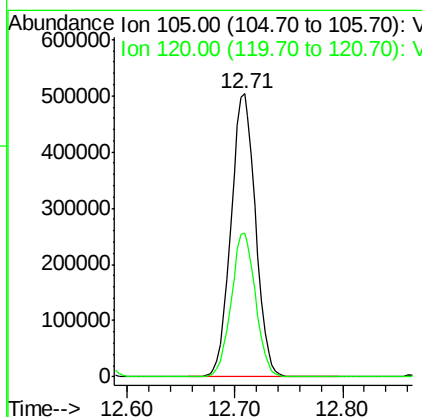
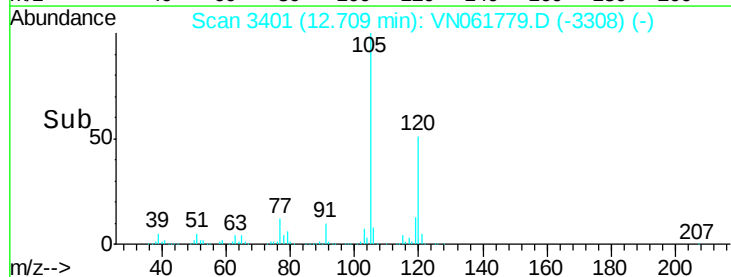
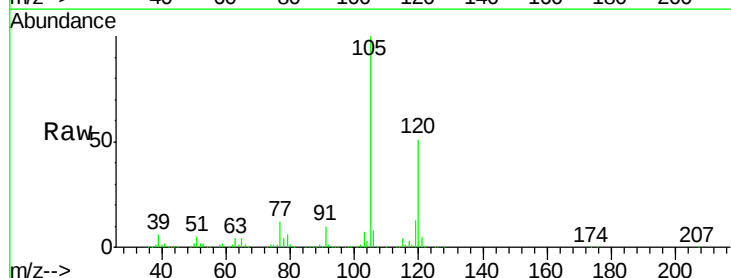
Manual Integrations
 APPROVED

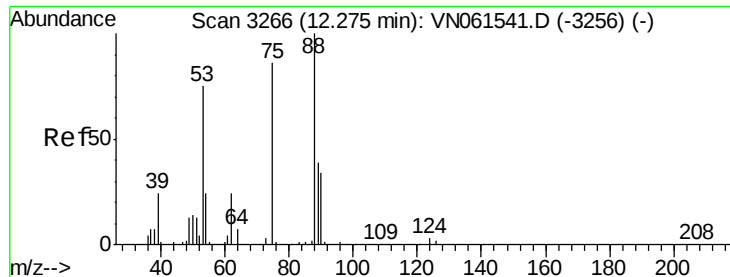
MMDadoda
 6/15/2020 11:08:27 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 52.745 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN061779.D
 Acq: 12 Jun 2020 9:59

Tgt Ion: 105 Resp: 798509
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 49.542 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

Instrument :

MSVOA_N

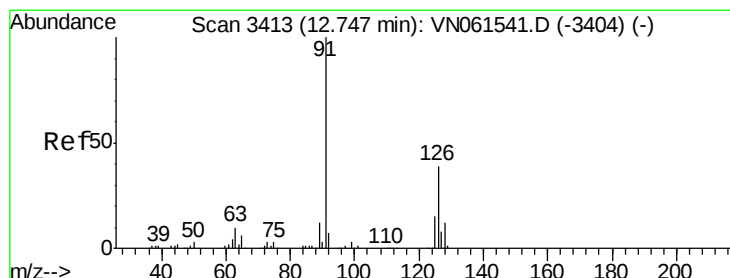
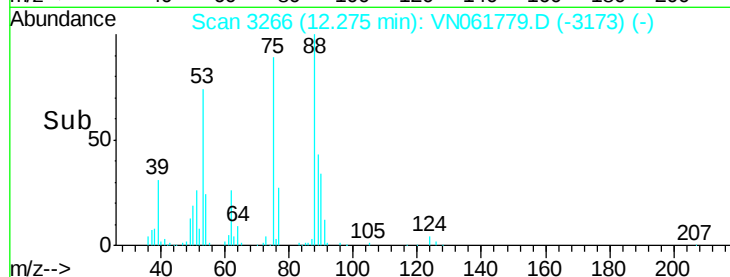
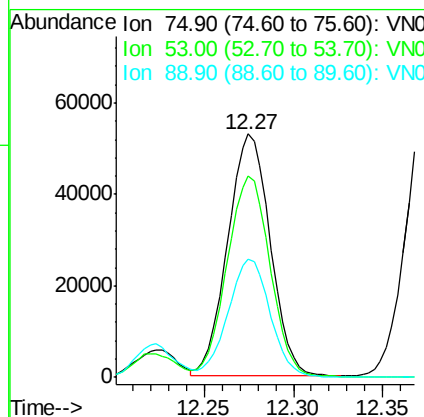
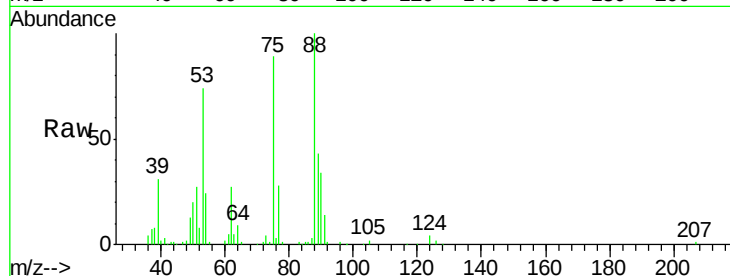
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	87424
Ion	Ratio	Lower	Upper
75	100		
53	84.0	67.8	101.8
89	48.5	37.1	55.7

Manual Integrations
APPROVED

MMDadoda
6/15/2020 11:08:27 AM



#82

4-Chlorotoluene

Concen: 51.735 ug/l

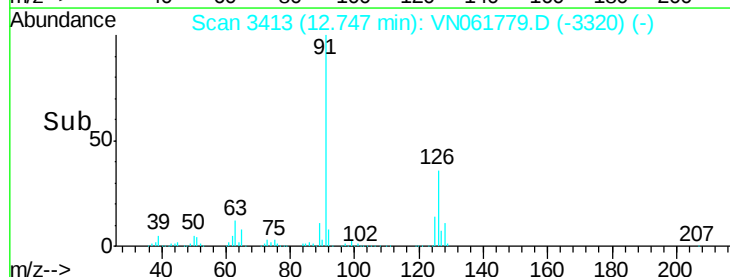
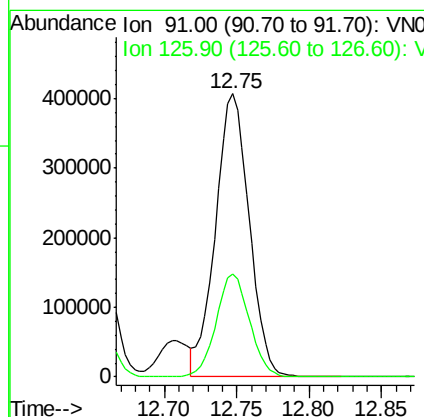
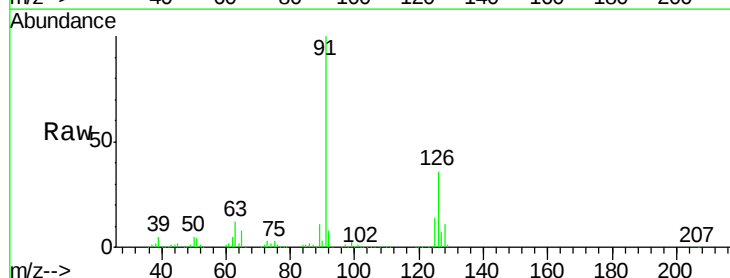
RT: 12.75 min Scan# 3413

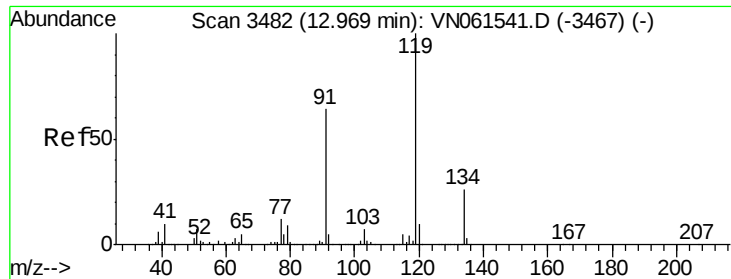
Delta R.T. 0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

Tgt Ion:	91	Resp:	656227
Ion	Ratio	Lower	Upper
91	100		
126	36.1	17.5	52.6





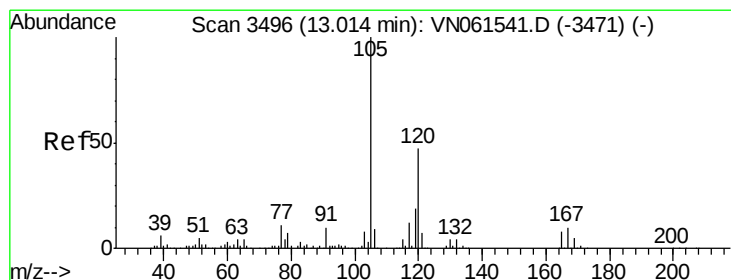
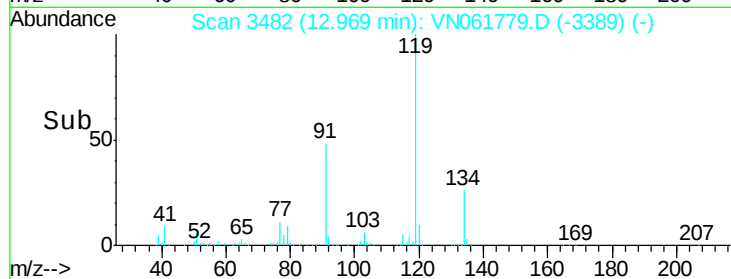
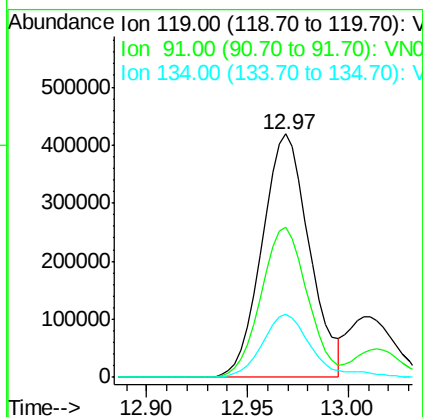
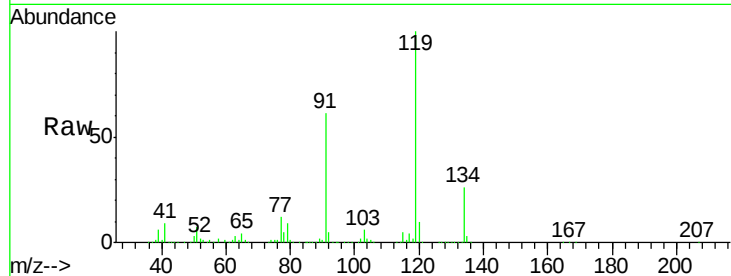
#83
 tert-Butylbenzene
 Concen: 51.092 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN061779.D
 Acq: 12 Jun 2020 9:59

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	683404		
91	60.4	31.3	93.8	
134	27.1	13.5	40.4	

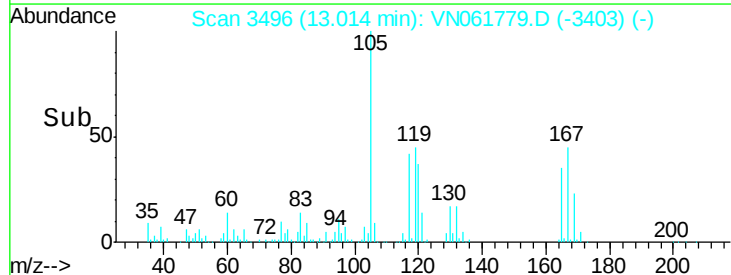
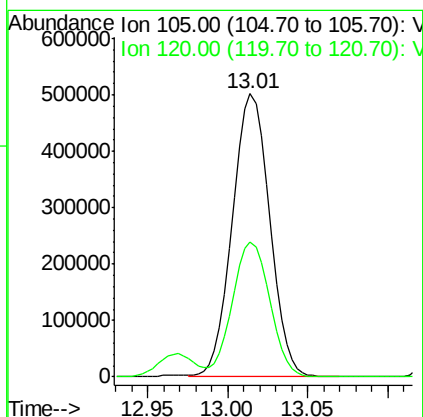
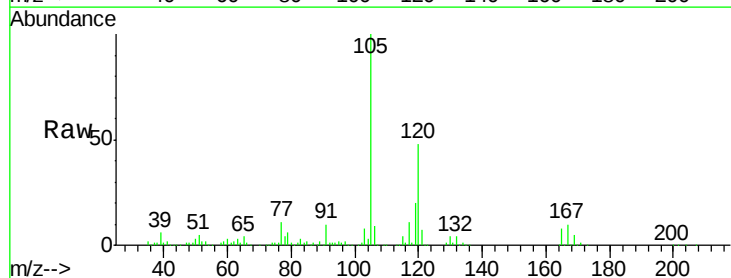
Manual Integrations
 APPROVED

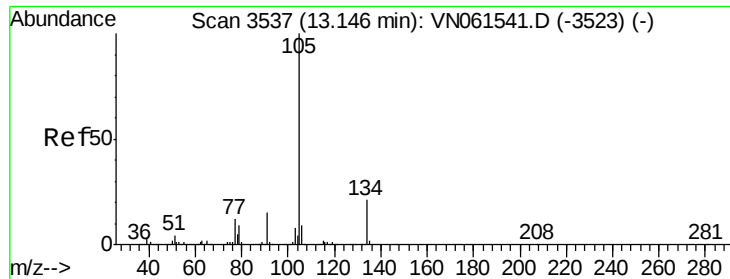
MMDadoda
 6/15/2020 11:08:27 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 52.811 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN061779.D
 Acq: 12 Jun 2020 9:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	794269		
120	48.2	23.2	69.5	





#85

sec-Butylbenzene

Concen: 51.988 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 896078

Ion Ratio Lower Upper

105 100

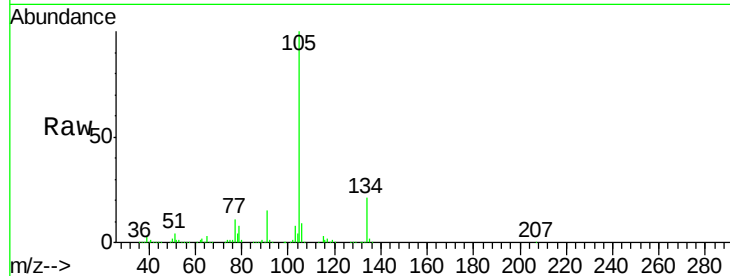
134 20.9 10.7 31.9

Manual Integrations

APPROVED

MMDadoda

6/15/2020 11:08:27 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

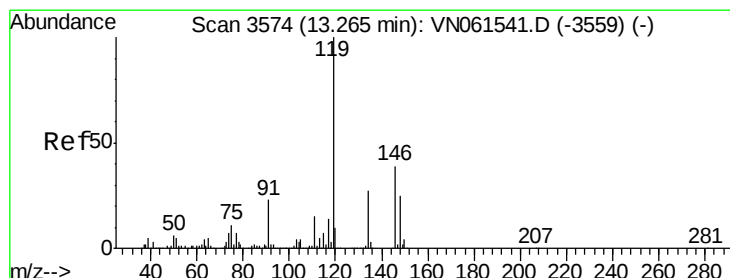
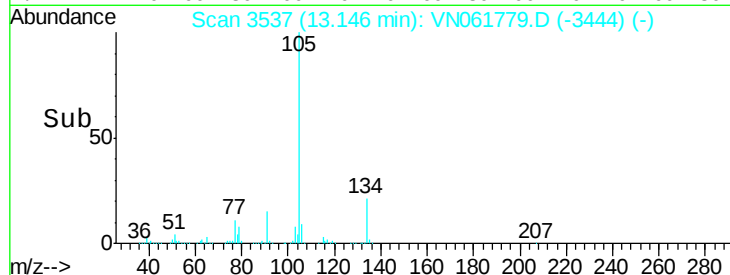
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 53.040 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

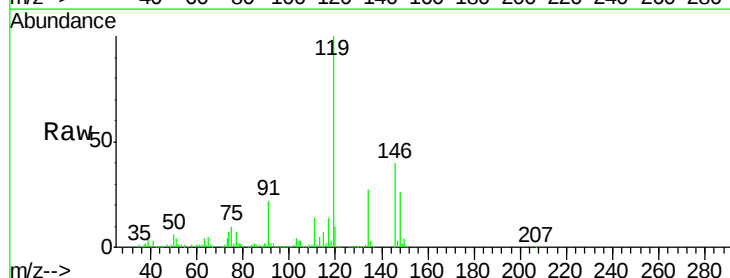
Tgt Ion:119 Resp: 841911

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.5

91 21.8 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

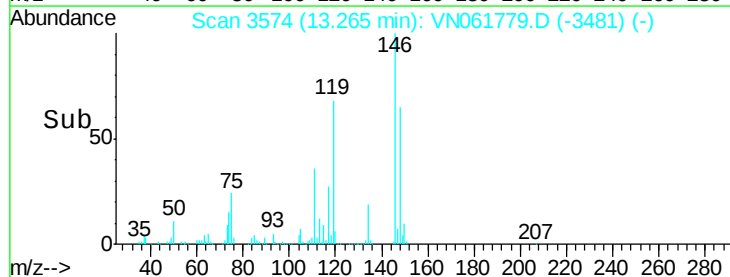
600000

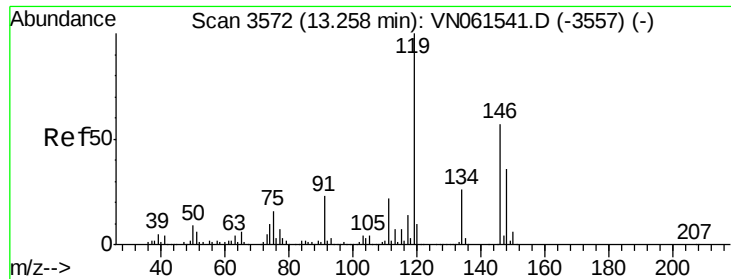
400000

200000

0

Time-->





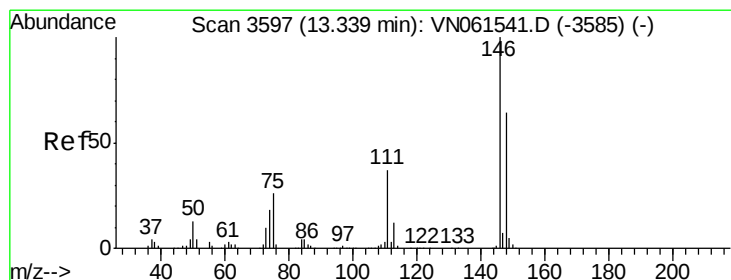
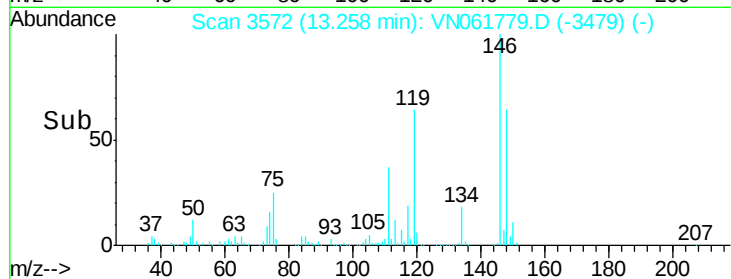
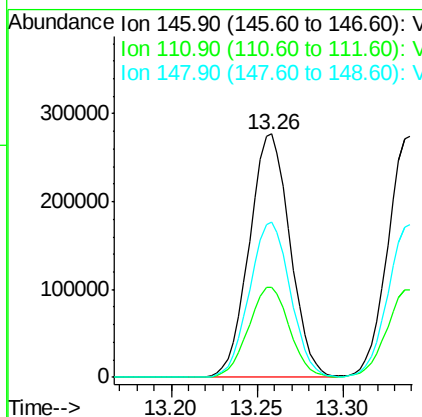
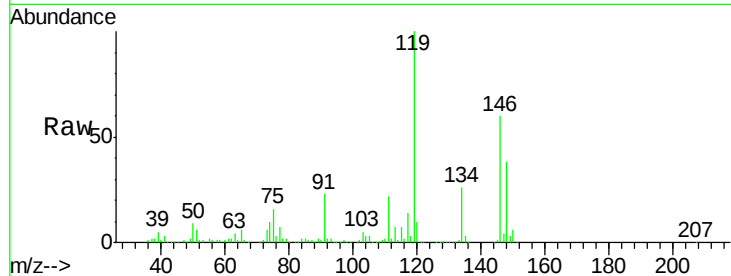
#87
 1,3-Dichlorobenzene
 Concen: 55.696 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN061779.D
 Acq: 12 Jun 2020 9:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	37.3	19.2	57.6	
148	64.0	31.7	95.1	

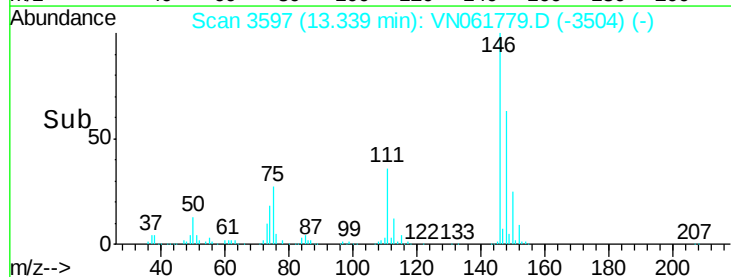
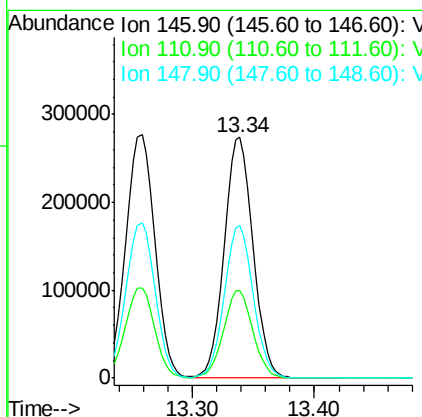
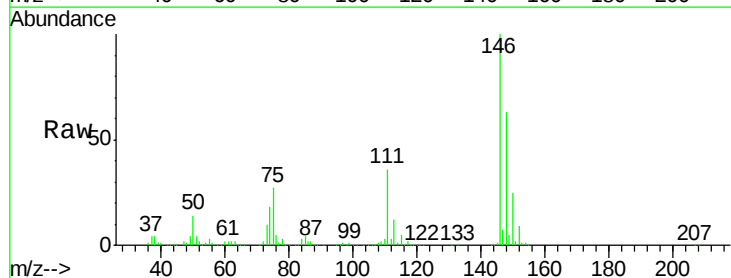
Manual Integrations
 APPROVED

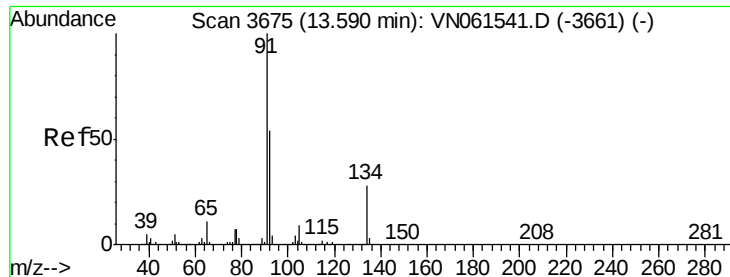
MMDadoda
 6/15/2020 11:08:27 AM



#88
 1,4-Dichlorobenzene
 Concen: 54.328 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN061779.D
 Acq: 12 Jun 2020 9:59

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	36.8	18.9	56.9	
148	63.6	31.8	95.3	





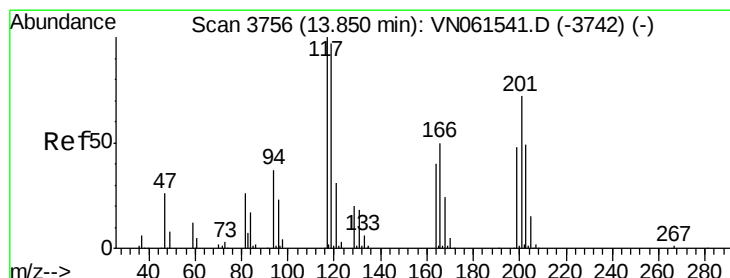
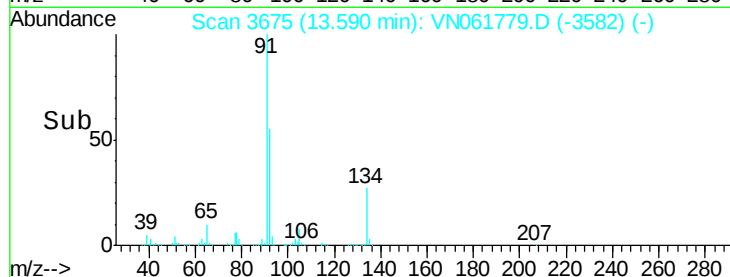
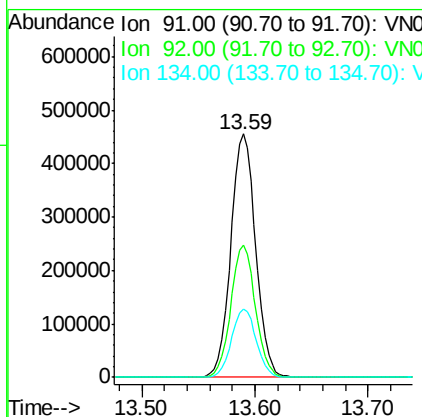
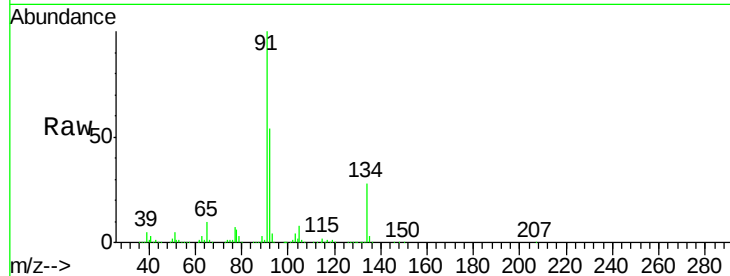
#89
n-Butylbenzene
Concen: 52.248 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.7	27.2	81.6
134	28.2	14.0	42.0

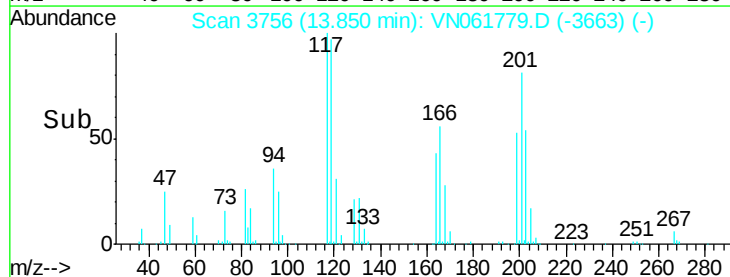
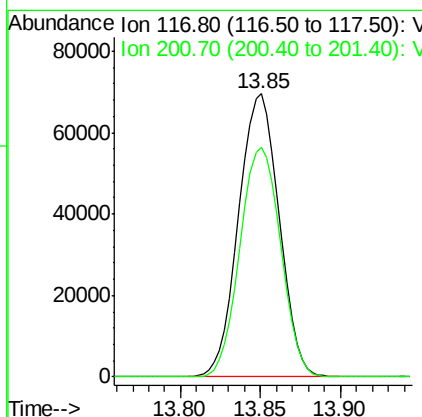
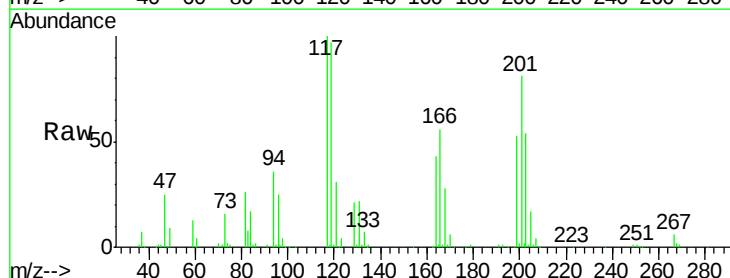
Manual Integrations
APPROVED

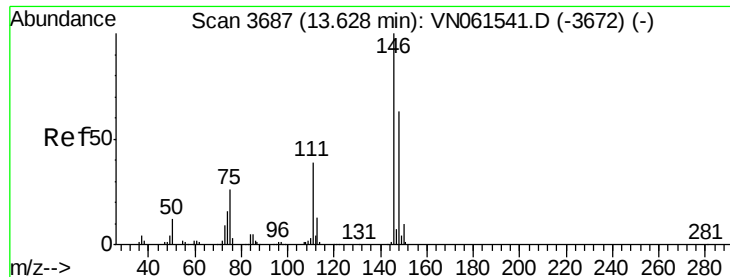
MMDadoda
6/15/2020 11:08:27 AM



#90
Hexachloroethane
Concen: 68.411 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN061779.D
Acq: 12 Jun 2020 9:59

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.5	36.7	110.1





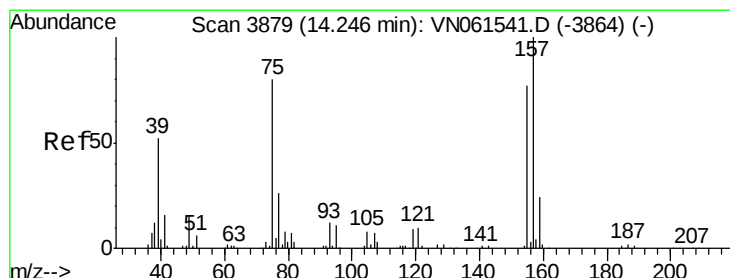
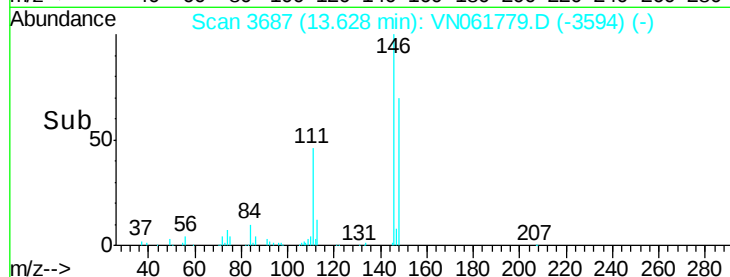
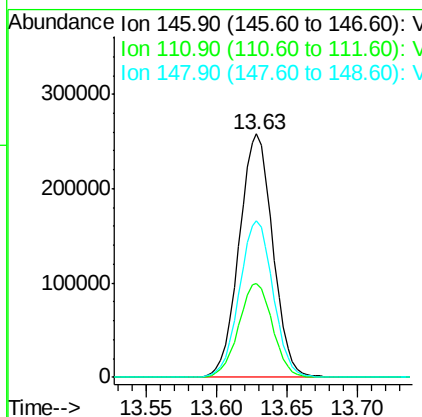
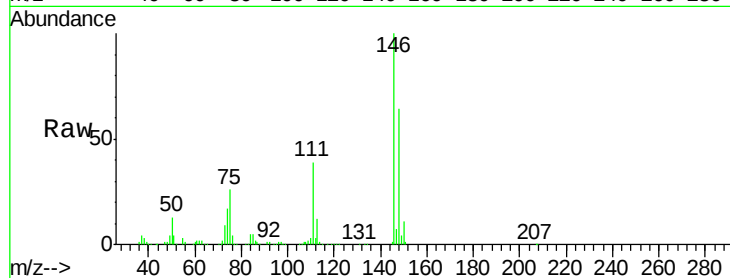
#91
 1,2-Dichlorobenzene
 Concen: 55.214 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061779.D
 Acq: 12 Jun 2020 9:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	20.1	60.2
148	64.5	31.9	95.5

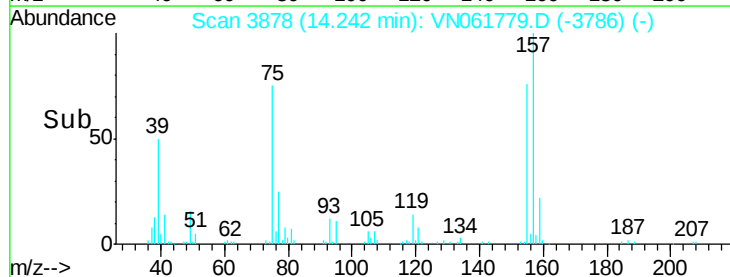
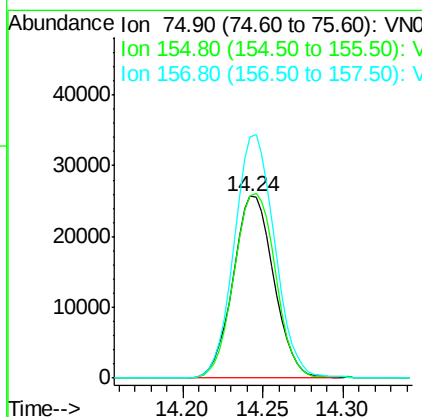
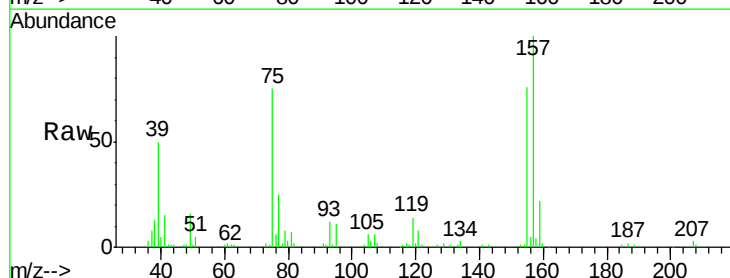
Manual Integrations
 APPROVED

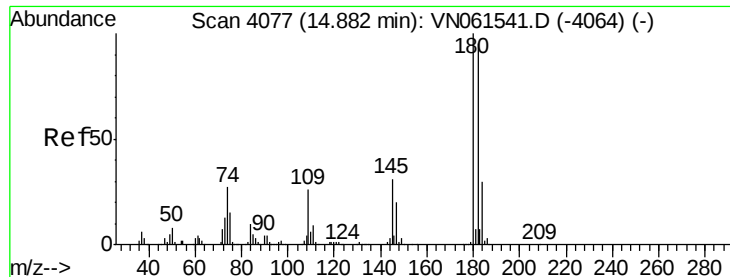
MMDadoda
 6/15/2020 11:08:27 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.150 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN061779.D
 Acq: 12 Jun 2020 9:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	103.7	47.1	141.4
157	132.8	60.3	180.8





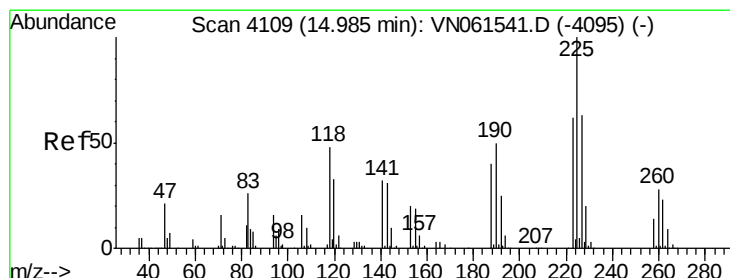
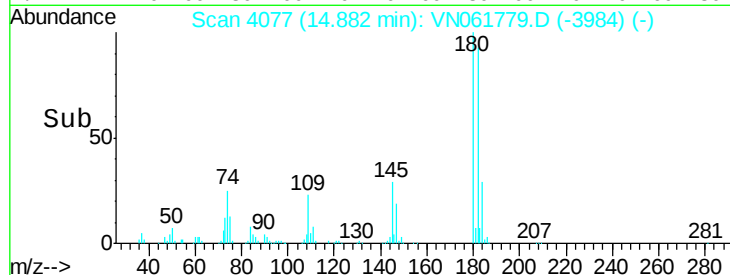
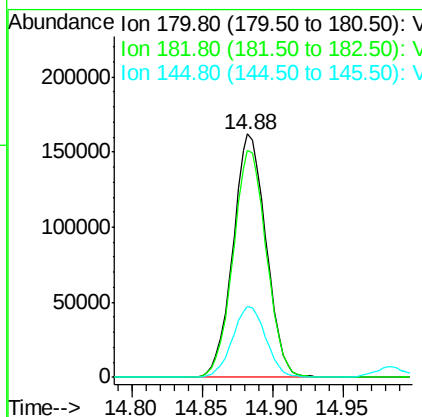
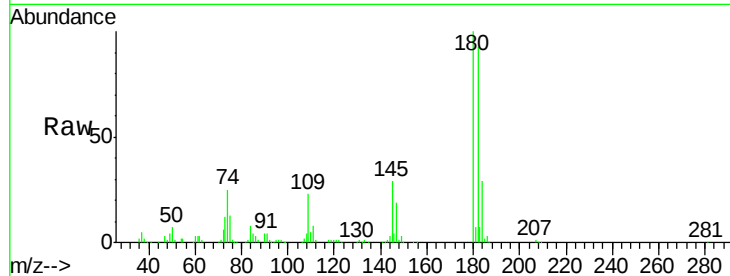
#93
 1,2,4-Trichlorobenzene
 Concen: 58.193 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN061779.D
 Acq: 12 Jun 2020 9:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	266284		
182	93.7	47.8	143.3	
145	29.4	15.5	46.5	

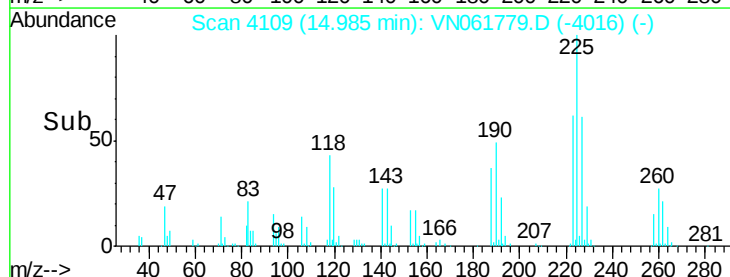
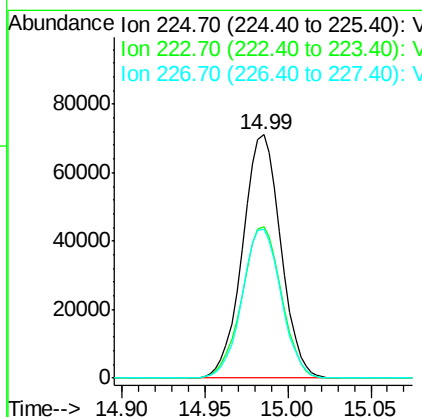
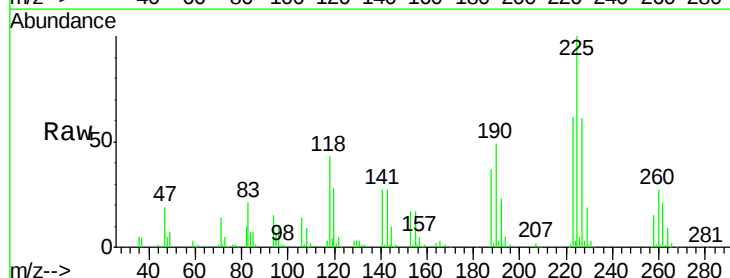
Manual Integrations
 APPROVED

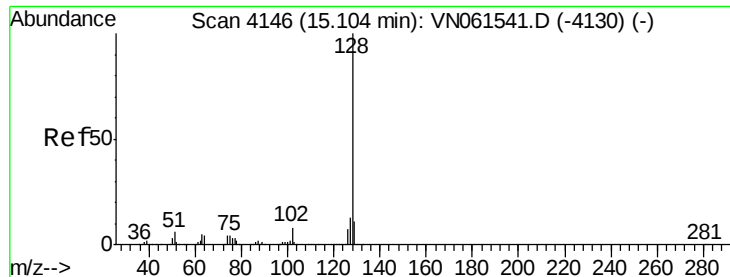
MMDadoda
 6/15/2020 11:08:27 AM



#94
 Hexachlorobutadiene
 Concen: 58.360 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN061779.D
 Acq: 12 Jun 2020 9:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	113894		
223	64.1	31.9	95.5	
227	62.5	31.9	95.9	





#95

Naphthalene

Concen: 51.362 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

Instrument :

MSVOA_N

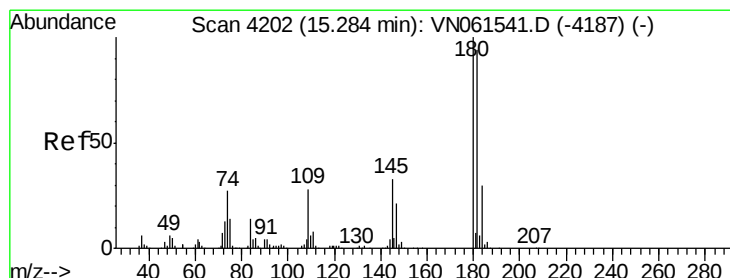
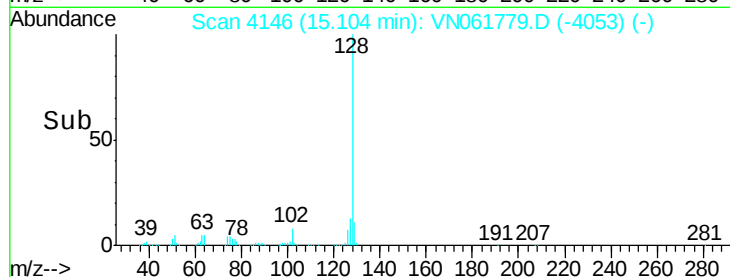
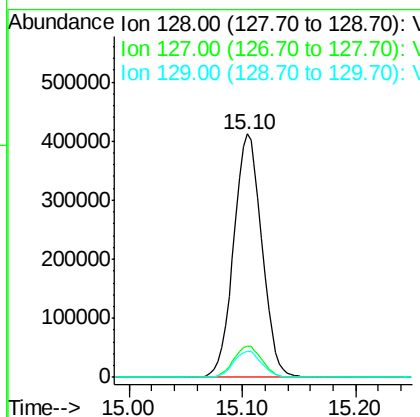
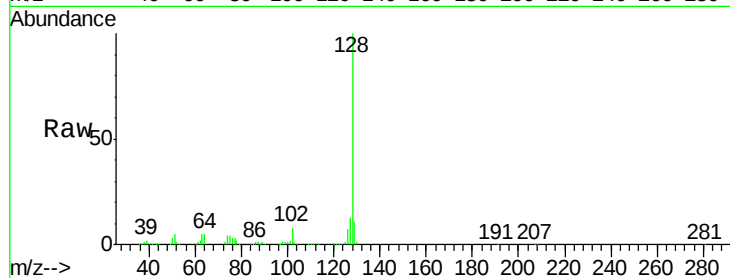
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	715364
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.0	15.0
129	10.8	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
6/15/2020 11:08:27 AM



#96

1,2,3-Trichlorobenzene

Concen: 57.363 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN061779.D

Acq: 12 Jun 2020 9:59

Tgt Ion:	180	Resp:	258079
Ion Ratio	Lower	Upper	
180	100		
182	94.8	47.1	141.3
145	31.1	16.3	48.9

