

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080720\
 Data File : VN062777.D
 Acq On : 7 Aug 2020 9:57
 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
 8/10/2020 12:24:29 PM

Quant Time: Aug 08 02:25:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	181696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	280459	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	264676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	130813	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	137416	45.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.46%	
35) Dibromofluoromethane	7.54	113	97560	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
50) Toluene-d8	10.06	98	374719	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
62) 4-Bromofluorobenzene	12.37	95	139033	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	133592	51.346	ug/l	99
3) Chloromethane	2.03	50	135500	55.188	ug/l	98
4) Vinyl Chloride	2.16	62	131718	57.198	ug/l	100
5) Bromomethane	2.52	94	73579	48.267	ug/l	97
6) Chloroethane	2.66	64	76916	50.770	ug/l	100
7) Trichlorofluoromethane	2.98	101	190636	46.425	ug/l	100
8) Diethyl Ether	3.37	74	54003	45.939	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	84189	50.850	ug/l	98
10) Methyl Iodide	3.90	142	102408	51.454	ug/l	98
11) Tert butyl alcohol	4.73	59	89233	181.198	ug/l	99
12) 1,1-Dichloroethene	3.69	96	75809	48.968	ug/l	99
13) Acrolein	3.56	56	68152	228.569	ug/l	96
14) Allyl chloride	4.27	41	143354	45.064	ug/l	97
15) Acrylonitrile	4.92	53	256894	224.910	ug/l	100
16) Acetone	3.77	43	262414	241.699	ug/l	98
17) Carbon Disulfide	4.00	76	213343	48.535	ug/l	99
18) Methyl Acetate	4.28	43	120010	46.659	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	325363	46.219	ug/l	99
20) Methylene Chloride	4.50	84	96966	48.784	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	83862	46.122	ug/l	99
22) Diisopropyl ether	5.90	45	337918	49.900	ug/l	99
23) Vinyl Acetate	5.84	43	1170832	227.308	ug/l	99
24) 1,1-Dichloroethane	5.80	63	180984	45.605	ug/l	99
25) 2-Butanone	6.78	43	353316	229.770	ug/l	98
26) 2,2-Dichloropropane	6.77	77	164917	45.083	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	101464	46.518	ug/l	96
28) Bromochloromethane	7.15	49	92336	48.210	ug/l	99
29) Tetrahydrofuran	7.17	42	220985	221.209	ug/l	100
30) Chloroform	7.33	83	190844	45.251	ug/l	95
31) Cyclohexane	7.61	56	172080	47.237	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	167645	44.459	ug/l	99
36) 1,1-Dichloropropene	7.75	75	130735	47.873	ug/l	99
37) Ethyl Acetate	6.88	43	126370	44.299	ug/l	98
38) Carbon Tetrachloride	7.73	117	145751	45.127	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	166177	50.565	ug/l	100
40) Benzene	8.00	78	386534	47.434	ug/l	97
41) Methacrylonitrile	7.12	41	65769	51.093	ug/l #	76
42) 1,2-Dichloroethane	8.08	62	158635	45.738	ug/l	99
43) Isopropyl Acetate	8.12	43	215123	45.212	ug/l #	90
44) Trichloroethene	8.80	130	94923	47.812	ug/l	97
45) 1,2-Dichloropropane	9.08	63	110101	49.921	ug/l	97
46) Dibromomethane	9.17	93	69406	48.029	ug/l	99
47) Bromodichloromethane	9.37	83	158367	48.794	ug/l	98
48) Methyl methacrylate	9.17	41	108565	46.388	ug/l	98
49) 1,4-Dioxane	9.17	88	36667	845.535	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	711753	231.195	ug/l	100
52) Toluene	10.12	92	246499	48.992	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	169883	47.586	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	176756	49.313	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	101012	47.007	ug/l	97
56) Ethyl methacrylate	10.40	69	156839	48.490	ug/l	98
57) 1,3-Dichloropropane	10.68	76	175057	47.945	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	216426	236.722	ug/l	100
59) 2-Hexanone	10.72	43	527881	229.869	ug/l	100
60) Dibromochloromethane	10.87	129	117605	47.959	ug/l	99
61) 1,2-Dibromoethane	10.98	107	99829	47.080	ug/l	98
64) Tetrachloroethene	10.60	164	81739	47.864	ug/l	98
65) Chlorobenzene	11.41	112	265450	47.978	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	107487	48.378	ug/l	98
67) Ethyl Benzene	11.48	91	489468	49.437	ug/l	99
68) m/p-Xylenes	11.59	106	366063	101.854	ug/l	97
69) o-Xylene	11.92	106	172523	51.223	ug/l	98
70) Styrene	11.94	104	308512	52.112	ug/l	98
71) Bromoform	12.10	173	83826	46.112	ug/l #	99
73) Isopropylbenzene	12.22	105	485842	49.323	ug/l	99
74) N-amyl acetate	12.04	43	193819	48.555	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	155375	44.809	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	150008m	42.521	ug/l	
77) Bromobenzene	12.50	156	115983	47.389	ug/l	95
78) n-propylbenzene	12.56	91	585023	50.596	ug/l	100
79) 2-Chlorotoluene	12.65	91	342709	47.265	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	428682	50.165	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	54377	47.053	ug/l	99
82) 4-Chlorotoluene	12.75	91	365248	48.881	ug/l	100
83) tert-Butylbenzene	12.97	119	351120	48.558	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	426628	52.185	ug/l	98
85) sec-Butylbenzene	13.15	105	485189	51.096	ug/l	100
86) p-Isopropyltoluene	13.26	119	445365	52.839	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	216722	49.567	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	212748	48.513	ug/l	98
89) n-Butylbenzene	13.59	91	364655	51.154	ug/l	99
90) Hexachloroethane	13.85	117	83083	45.730	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	208724	50.919	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	31517	42.337	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	101048	46.173	ug/l	98
94) Hexachlorobutadiene	14.98	225	66169	51.327	ug/l	98
95) Naphthalene	15.10	128	245642	41.527	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	100945	46.713	ug/l	99

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

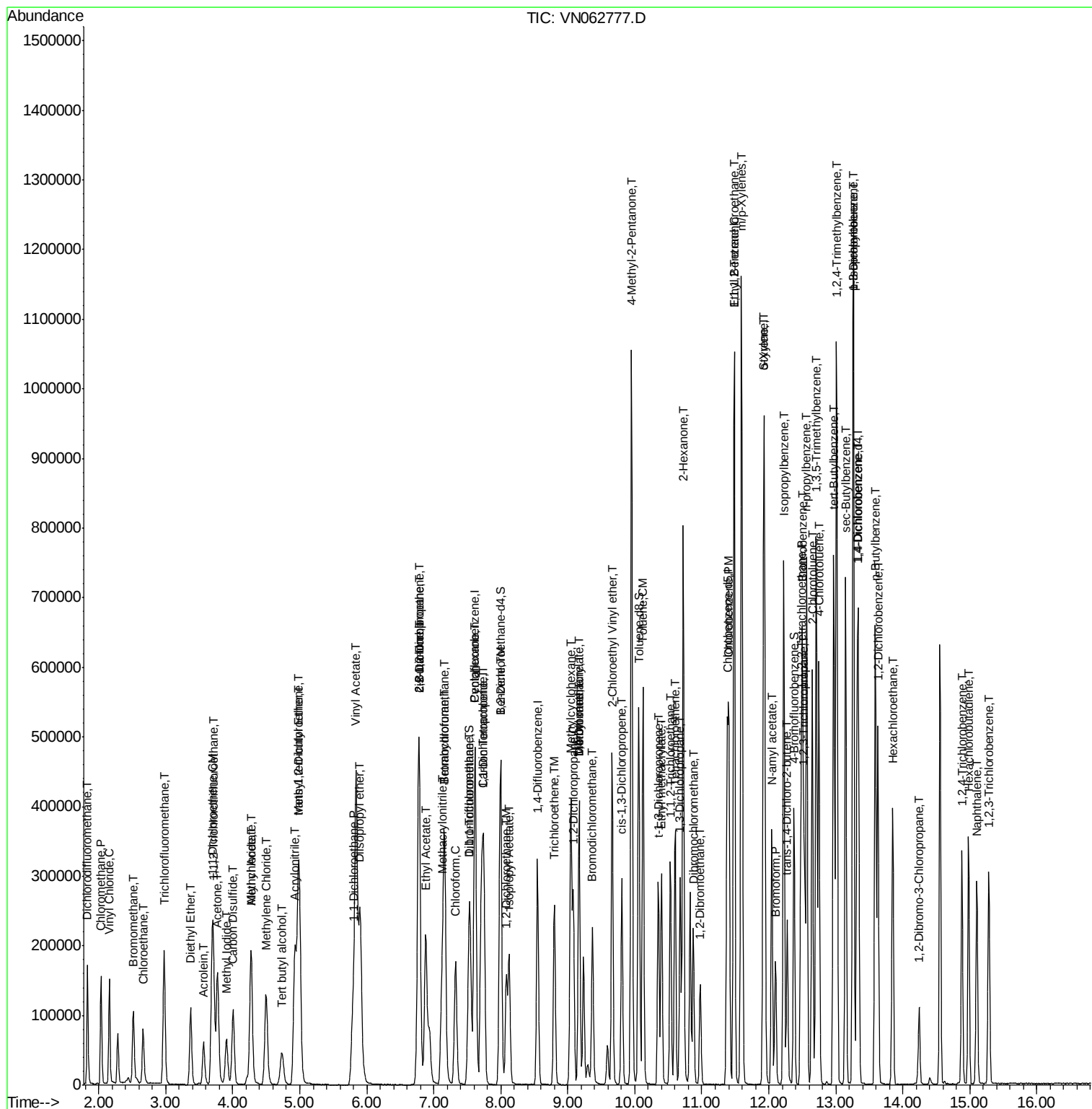
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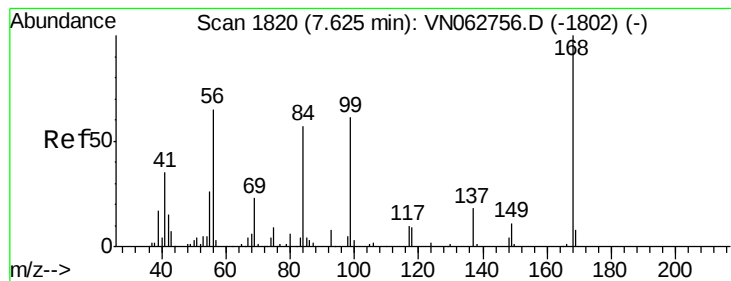
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 181696

Ion Ratio Lower Upper

168 100

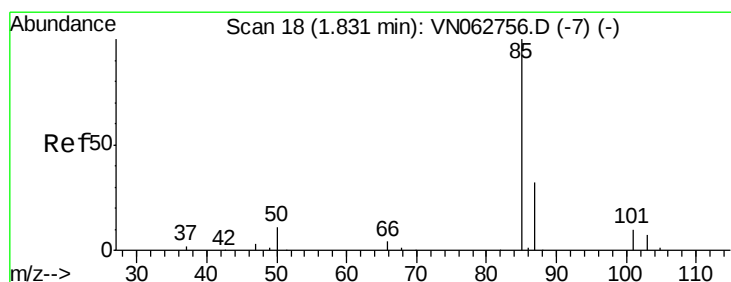
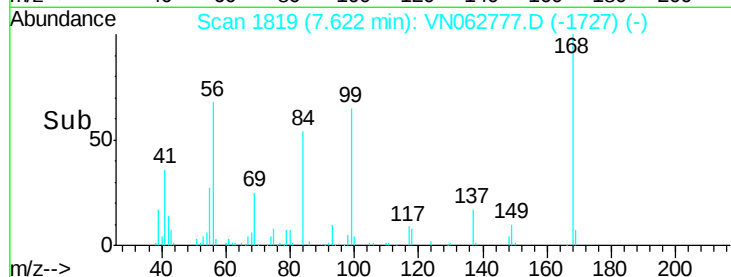
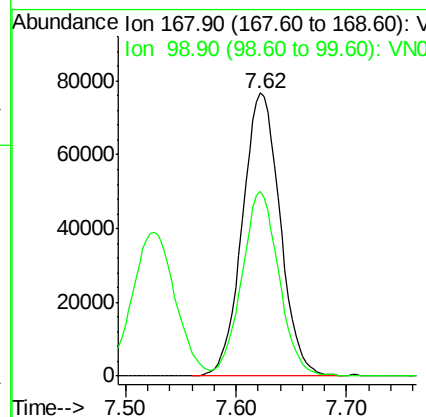
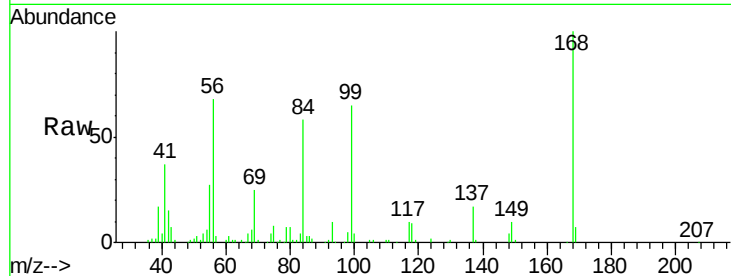
99 65.2 52.9 79.3

Manual Integrations

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8/10/2020 12:24:29 PM



#2

Dichlorodifluoromethane

Concen: 51.346 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062777.D

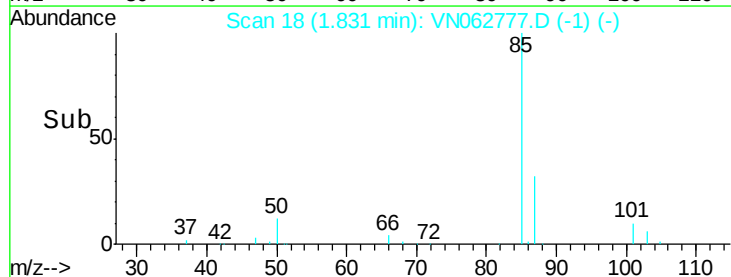
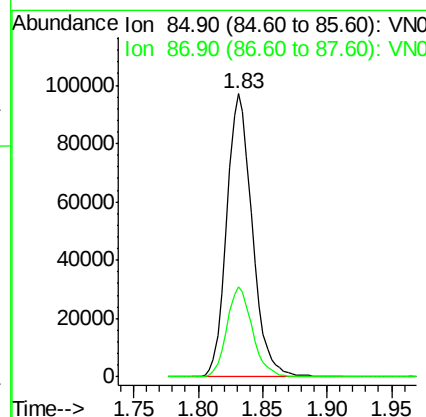
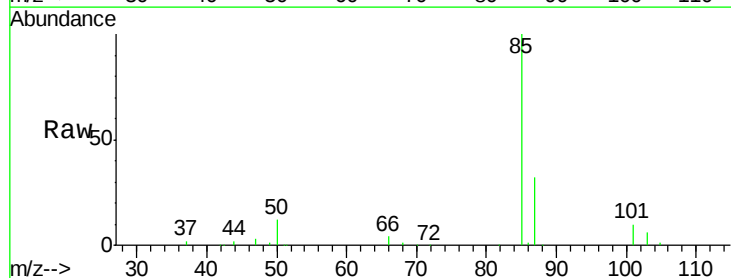
Acq: 7 Aug 2020 9:57

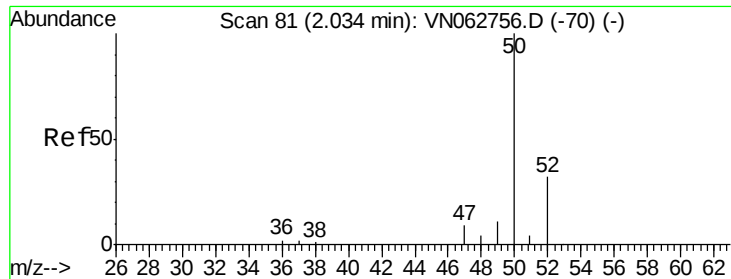
Tgt Ion: 85 Resp: 133592

Ion Ratio Lower Upper

85 100

87 31.8 16.2 48.6





#3

Chloromethane

Concen: 55.188 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 135500

Ion Ratio Lower Upper

50 100

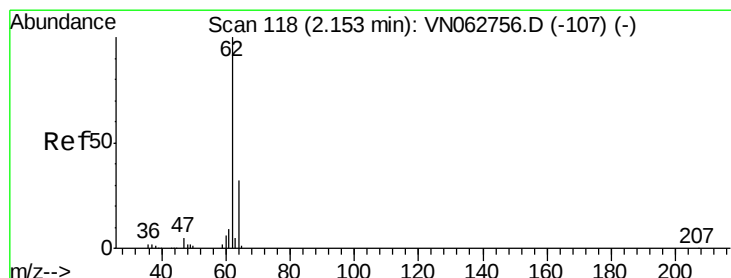
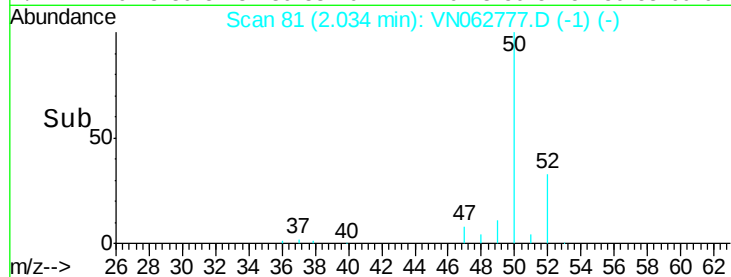
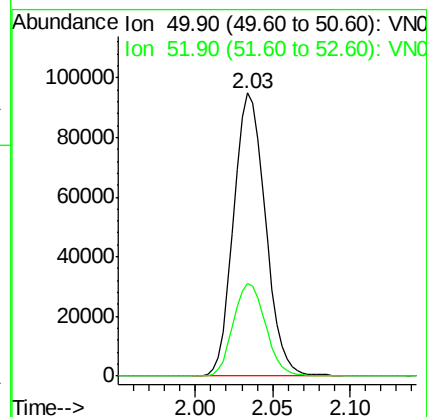
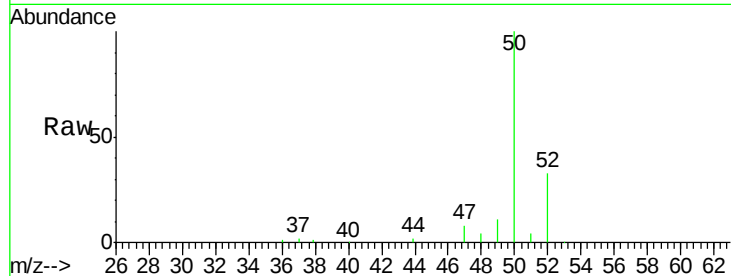
52 32.9 25.6 38.4

Manual Integrations

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8/10/2020 12:24:29 PM



#4

Vinyl Chloride

Concen: 57.198 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.01 min

Lab File: VN062777.D

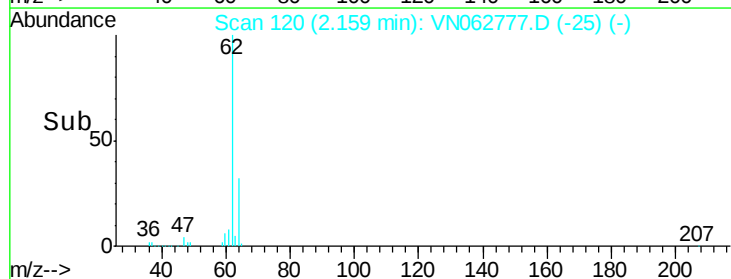
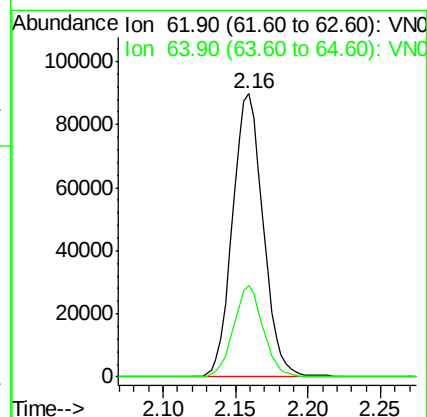
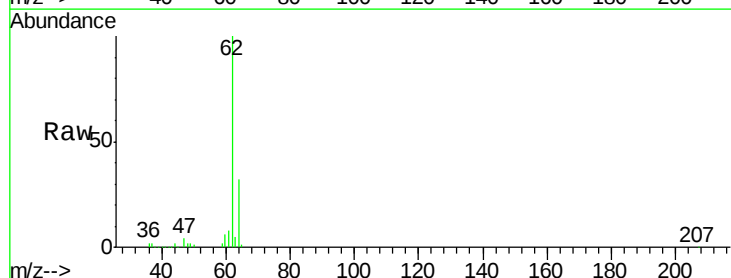
Acq: 7 Aug 2020 9:57

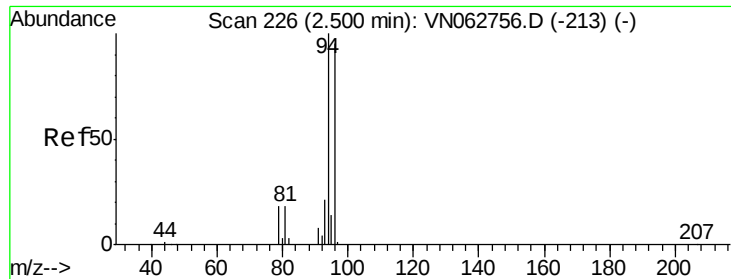
Tgt Ion: 62 Resp: 131718

Ion Ratio Lower Upper

62 100

64 32.1 25.8 38.8





#5

Bromomethane

Concen: 48.267 ug/l

RT: 2.52 min Scan# 231

Delta R.T. 0.02 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

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ClientSampleId :

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Tot Ion: 94 Resp: 73579

Ion Ratio Lower Upper

94 100

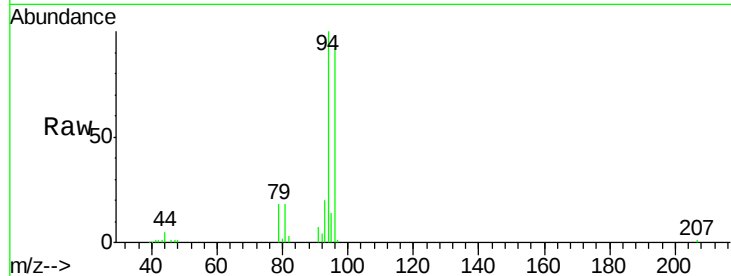
96 92.4 76.2 114.4

Manual Integrations

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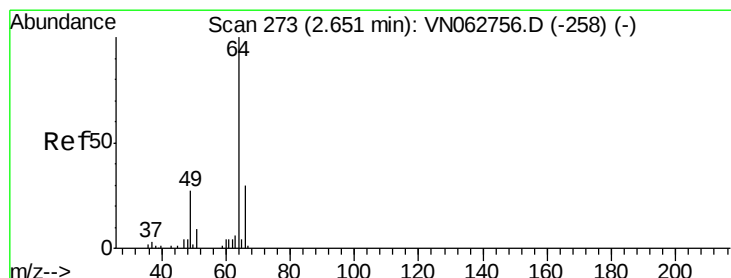
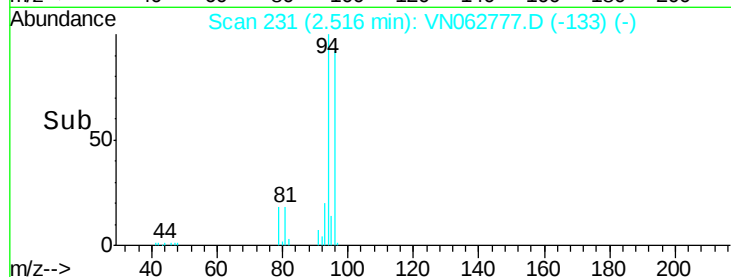
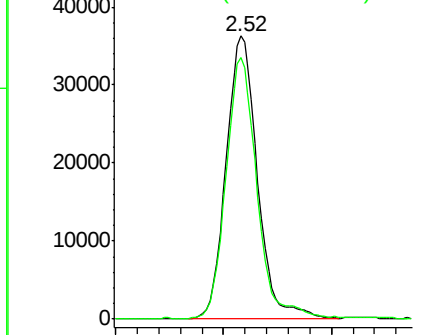
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 50.770 ug/l

RT: 2.66 min Scan# 276

Delta R.T. 0.01 min

Lab File: VN062777.D

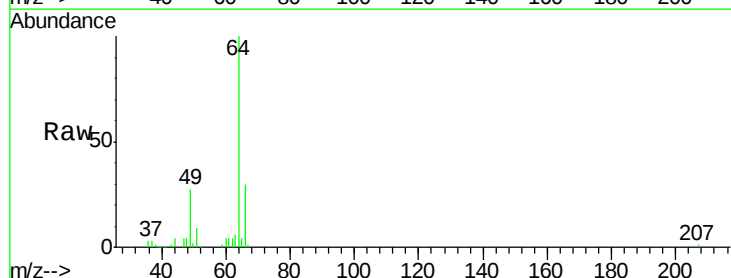
Acq: 7 Aug 2020 9:57

Tgt Ion: 64 Resp: 76916

Ion Ratio Lower Upper

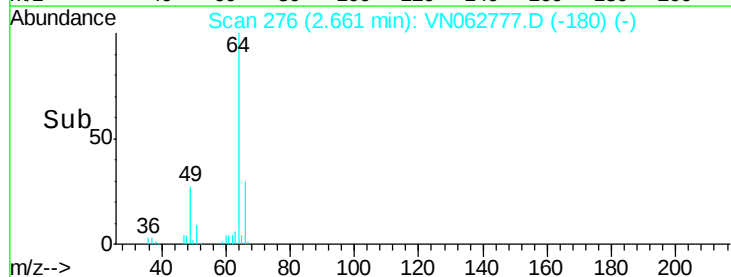
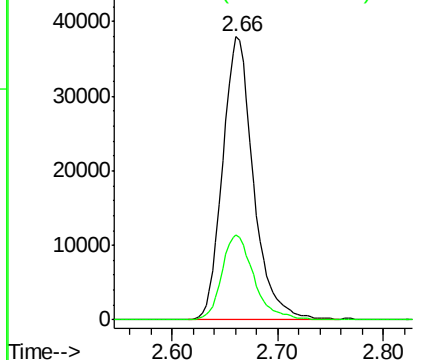
64 100

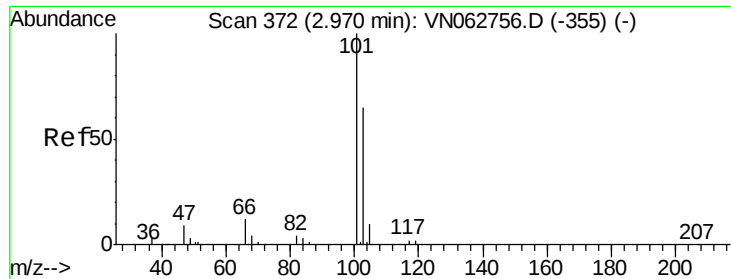
66 30.1 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

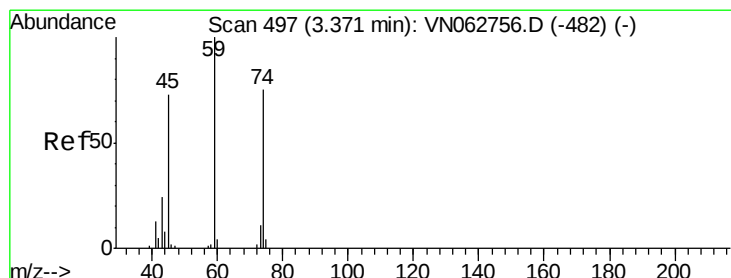
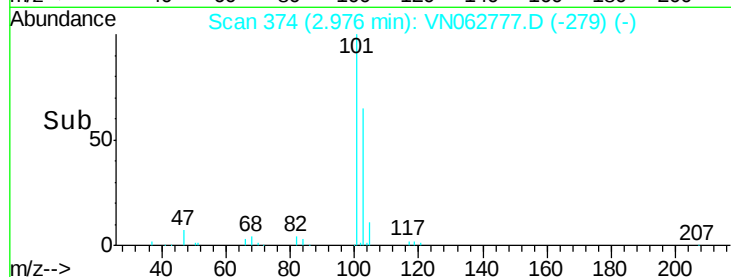
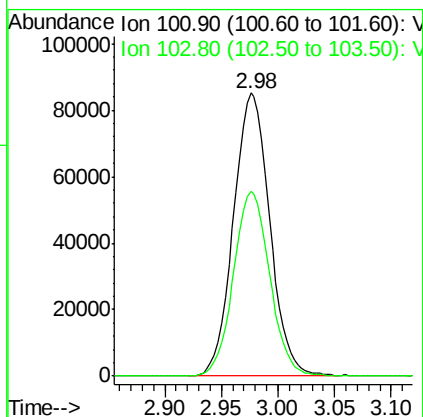
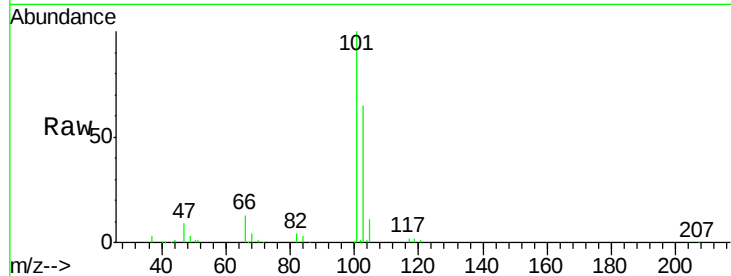
Trichlorofluoromethane
Concen: 46.425 ug/l
RT: 2.98 min Scan# 374
Delta R.T. 0.01 min
Lab File: VN062777.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	190636		
103	65.3	52.3	78.5	

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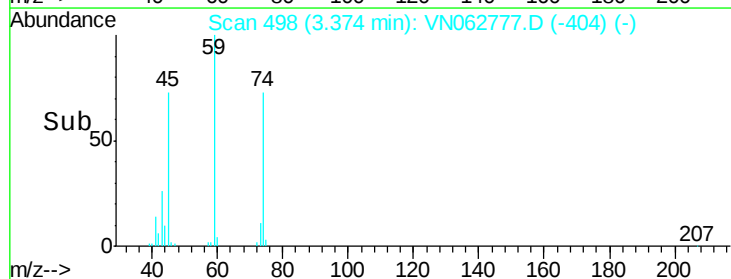
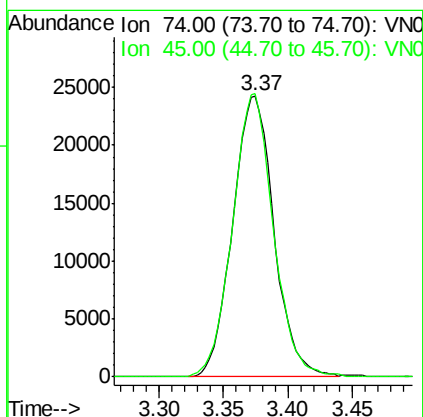
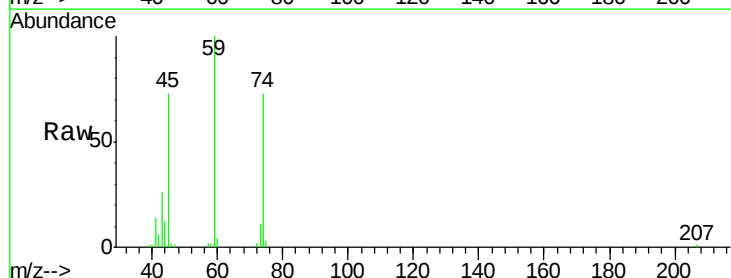
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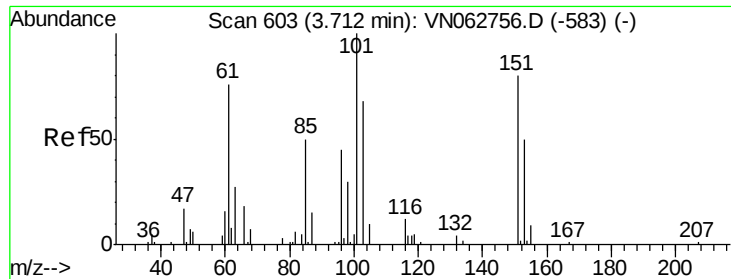


#8

Diethyl Ether
Concen: 45.939 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN062777.D
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Tgt Ion	Ratio	Resp	Lower	Upper
74	100	54003		
45	99.9	48.7	146.1	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.850 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Instrument :

MSVOA_N

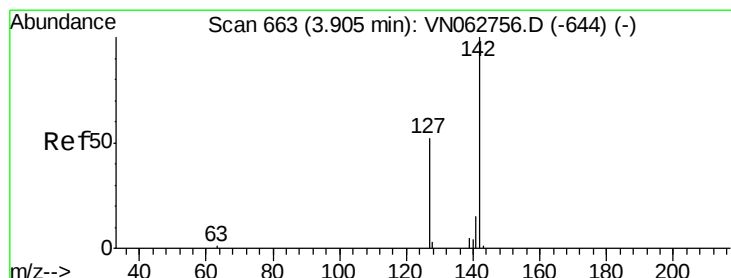
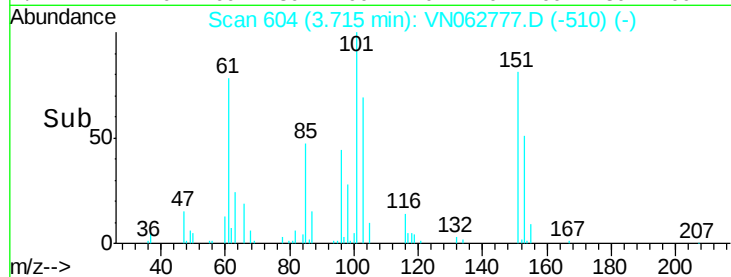
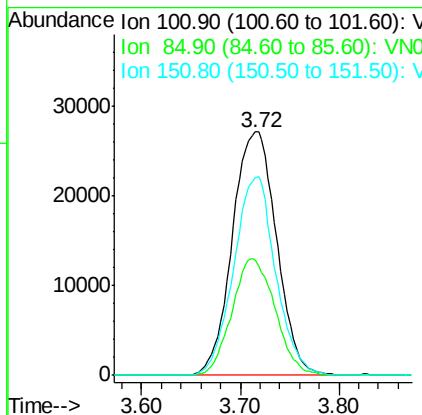
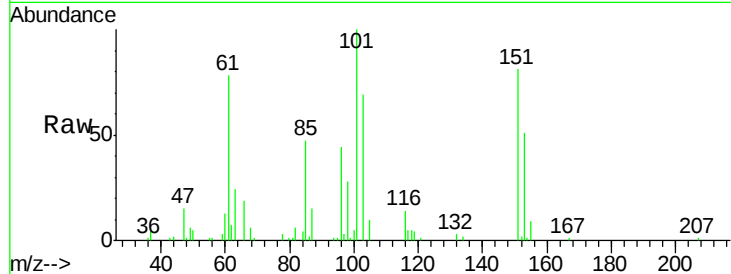
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	84189
Ion Ratio	Lower	Upper	
101	100		
85	46.6	38.5	57.7
151	77.4	63.0	94.6

Manual Integrations
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#10

Methyl Iodide

Concen: 51.454 ug/l

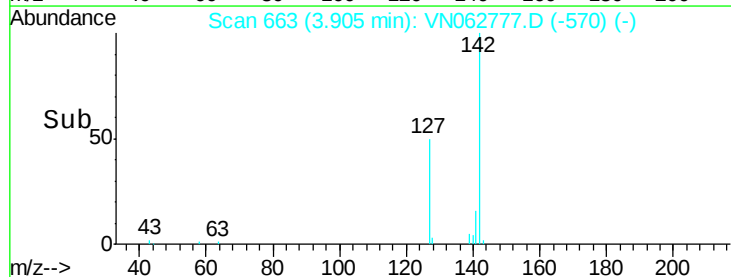
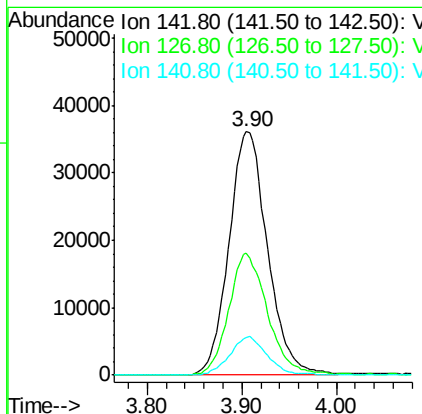
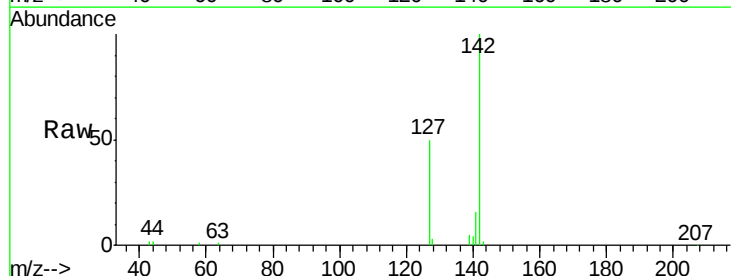
RT: 3.90 min Scan# 663

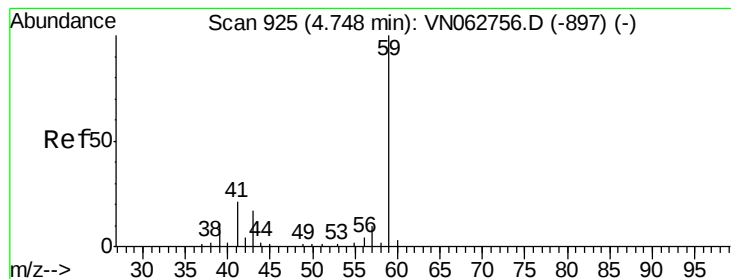
Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Tgt Ion:	142	Resp:	102408
Ion Ratio	Lower	Upper	
142	100		
127	50.2	41.4	62.0
141	15.1	12.2	18.4





#11

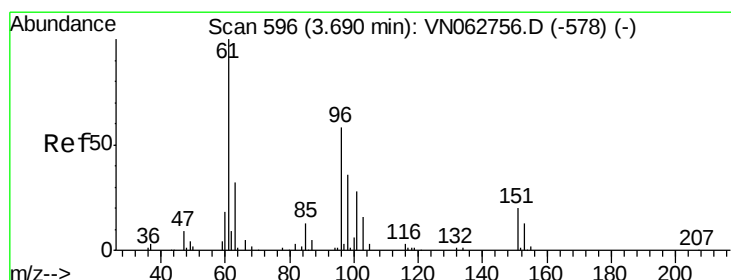
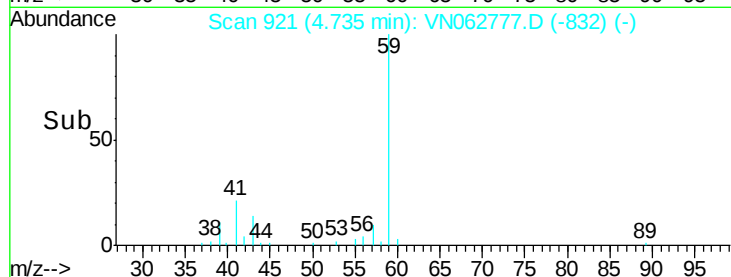
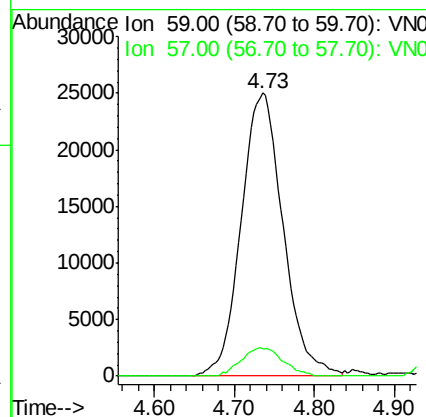
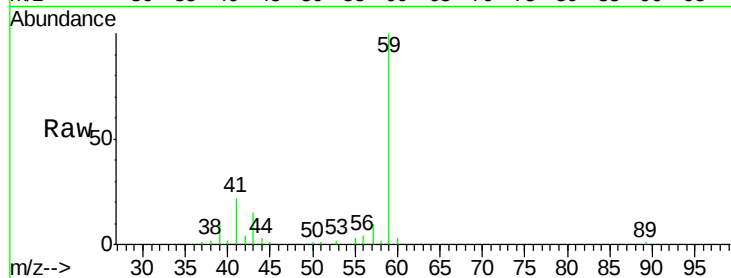
Tert butyl alcohol
 Concen: 181.198 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: VN062777.D
 Acq: 7 Aug 2020 9:57

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
59	100	89233		
57	10.0		8.3	12.5

Manual Integrations
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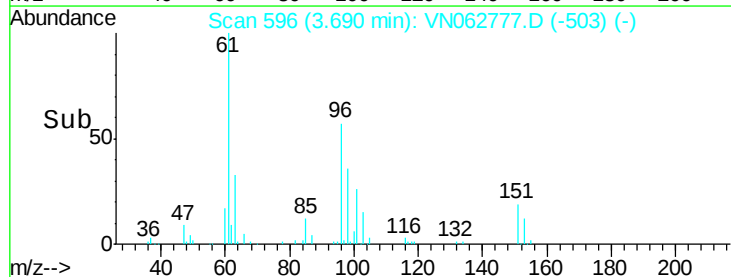
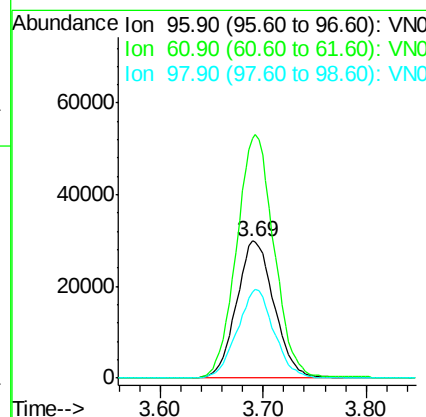
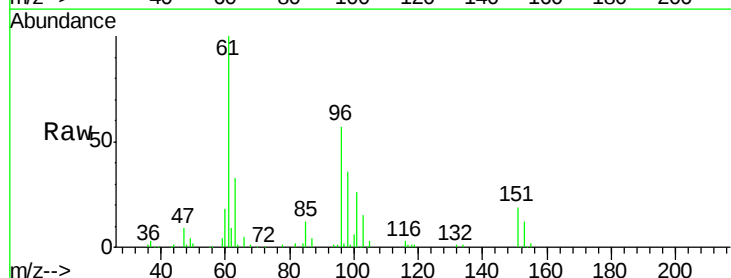
MMDadoda
 8/10/2020 12:24:29 PM

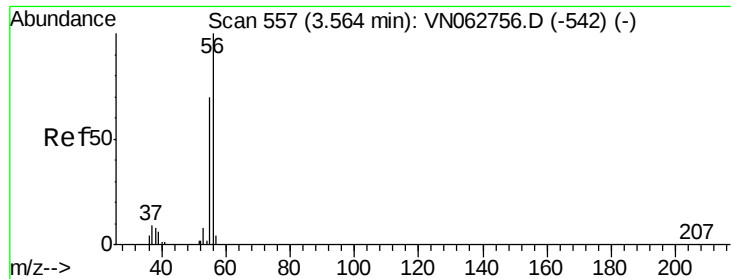


#12

1,1-Dichloroethene
 Concen: 48.968 ug/l
 RT: 3.69 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: VN062777.D
 Acq: 7 Aug 2020 9:57

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	75809		
61	175.2		139.0	208.6
98	63.2		50.2	75.4





#13

Acrolein

Concen: 228.569 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 68152

Ion Ratio Lower Upper

56 100

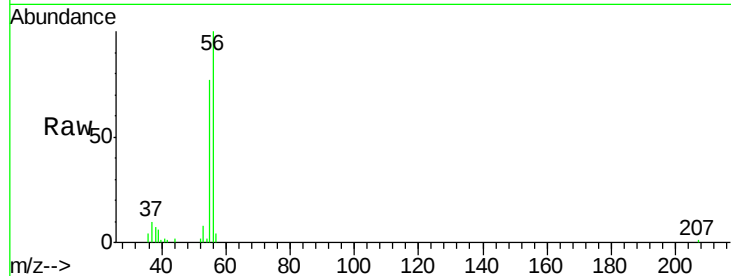
55 74.6 57.0 85.6

Manual Integrations

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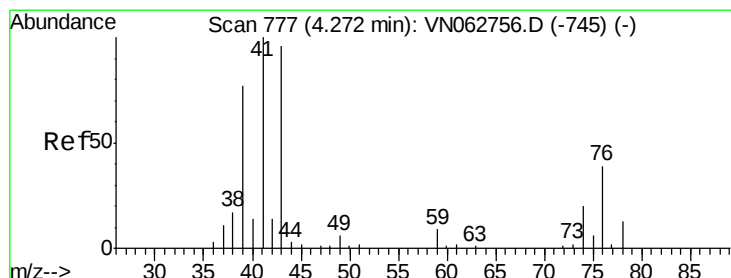
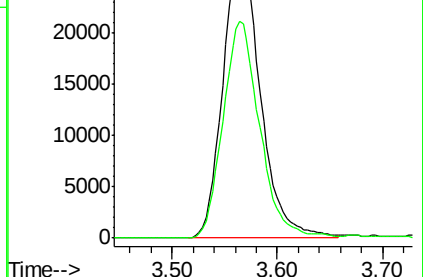
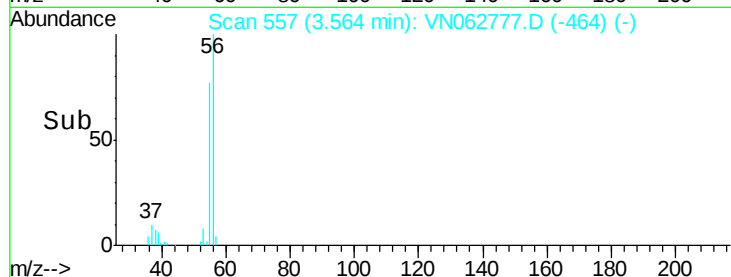


Abundance Ion 56.00 (55.70 to 56.70): VN062777.D (-464) (-)

Ion 55.00 (54.70 to 55.70): VN062777.D (-464) (-)

3.56

Time-->



#14

Allyl chloride

Concen: 45.064 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

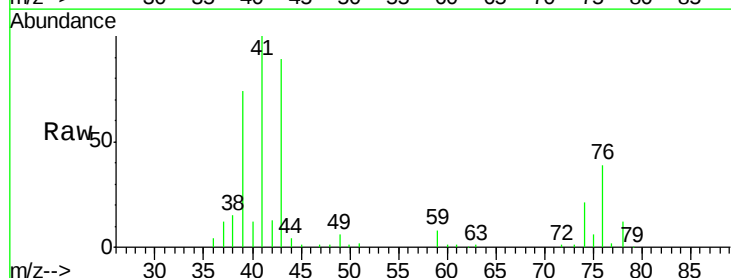
Tgt Ion: 41 Resp: 143354

Ion Ratio Lower Upper

41 100

39 66.7 55.7 83.5

76 33.4 27.5 41.3



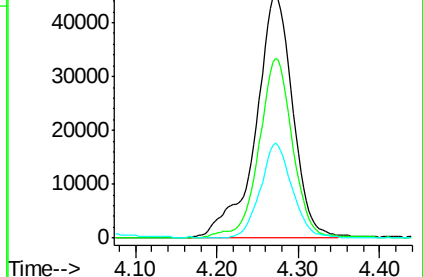
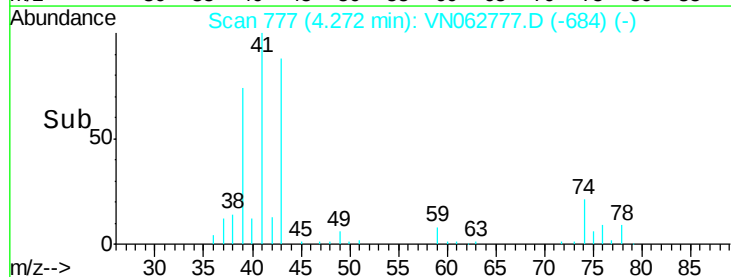
Abundance Ion 41.00 (40.70 to 41.70): VN062777.D (-684) (-)

Ion 39.00 (38.70 to 39.70): VN062777.D (-684) (-)

Ion 75.90 (75.60 to 76.60): VN062777.D (-684) (-)

4.27

Time-->





#15

Acrylonitrile

Concen: 224.910 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.01 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Instrument :

MSVOA_N

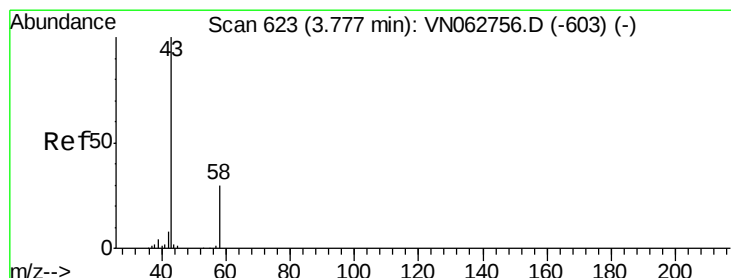
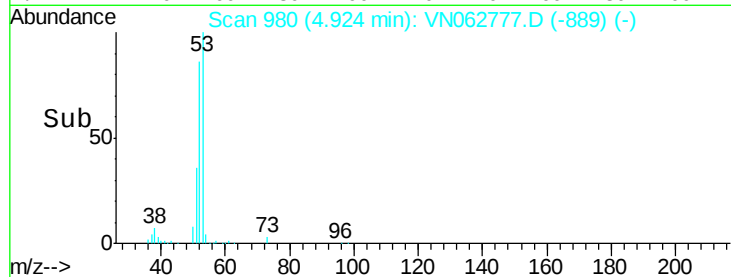
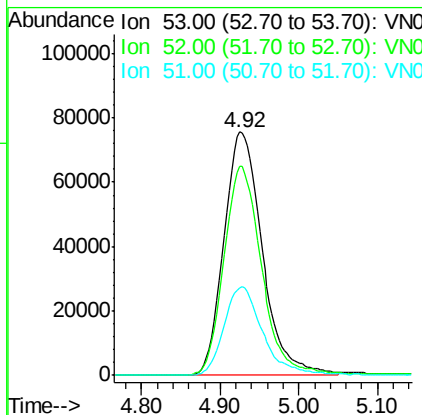
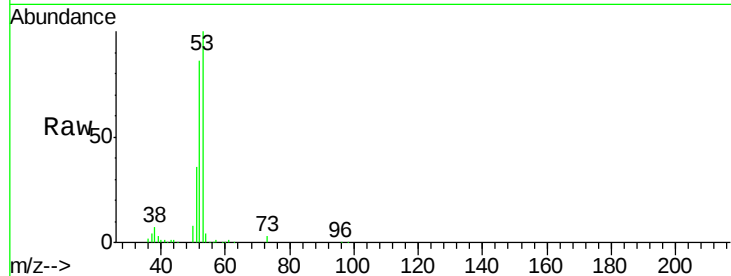
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	256894
Ion	Ratio	Lower	Upper
53	100		
52	84.1	66.8	100.2
51	36.9	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 241.699 ug/l

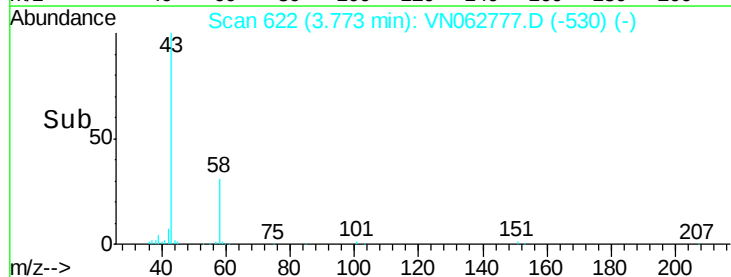
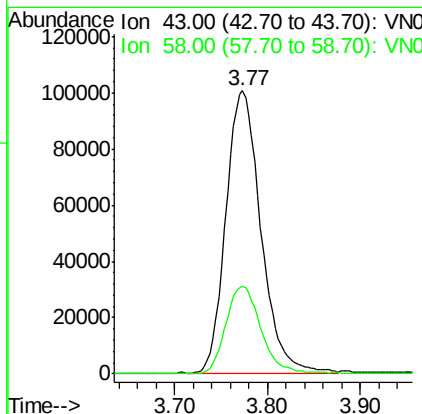
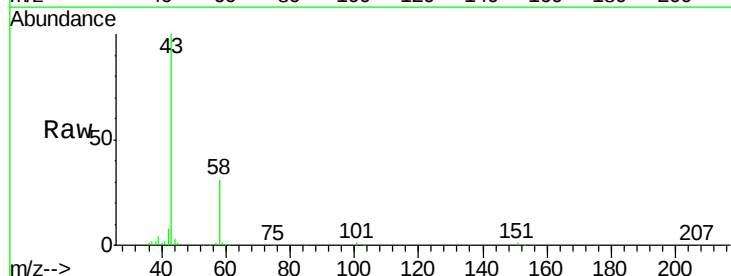
RT: 3.77 min Scan# 622

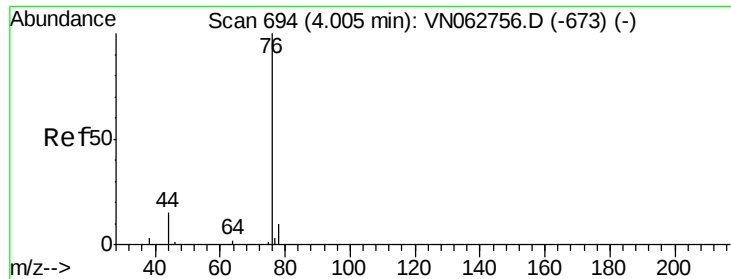
Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Tgt Ion:	43	Resp:	262414
Ion	Ratio	Lower	Upper
43	100		
58	31.2	24.1	36.1





#17

Carbon Disulfide

Concen: 48.535 ug/l

RT: 4.00 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 213343

Ion Ratio Lower Upper

76 100

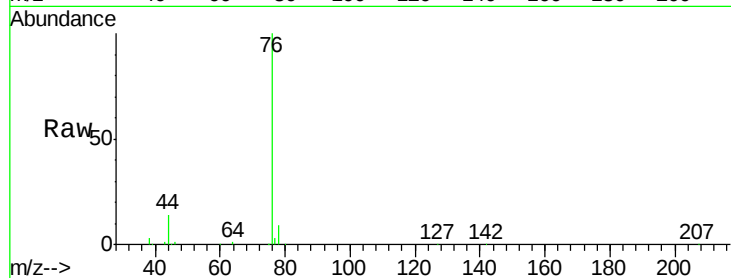
78 9.2 7.7 11.5

Manual Integrations

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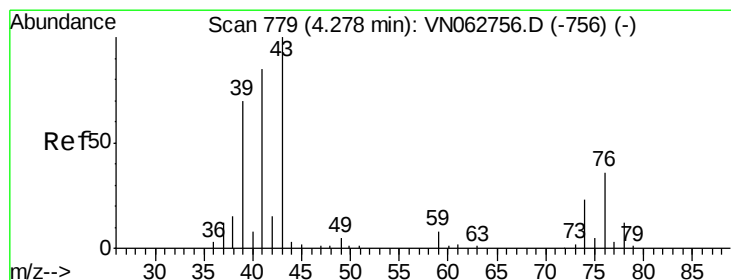
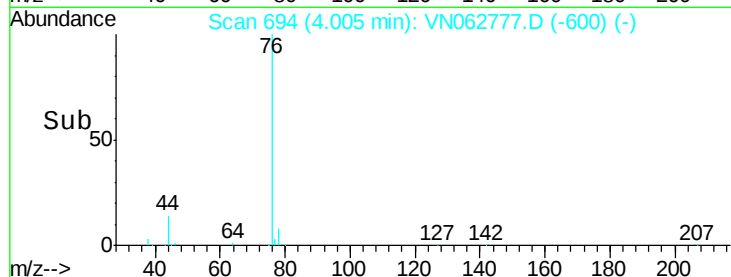
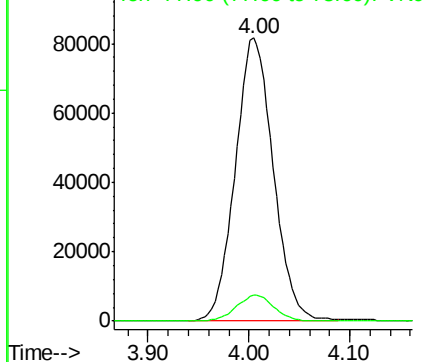
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Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC



#18

Methyl Acetate

Concen: 46.659 ug/l

RT: 4.28 min Scan# 779

Delta R.T. -0.00 min

Lab File: VN062777.D

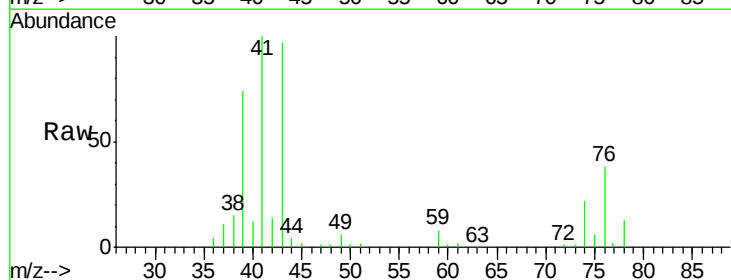
Acq: 7 Aug 2020 9:57

Tgt Ion: 43 Resp: 120010

Ion Ratio Lower Upper

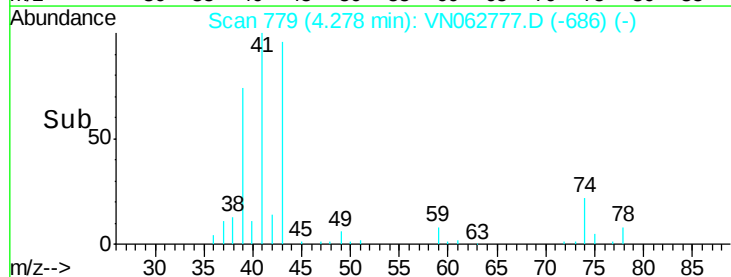
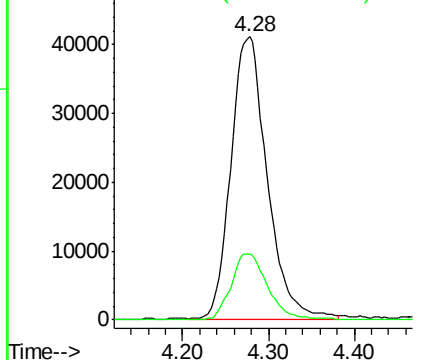
43 100

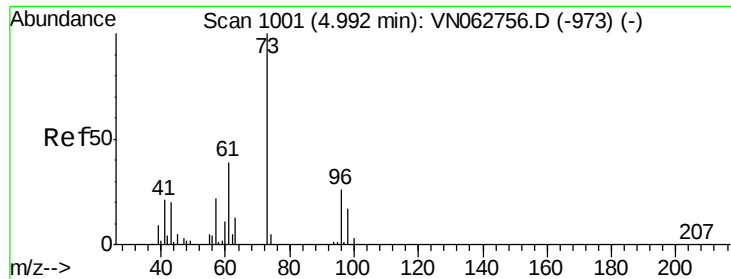
74 23.5 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 74.00 (73.70 to 74.70): VNC





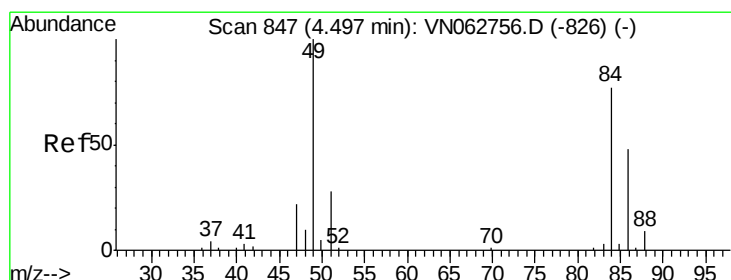
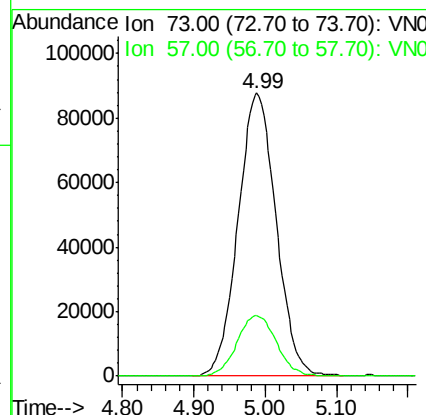
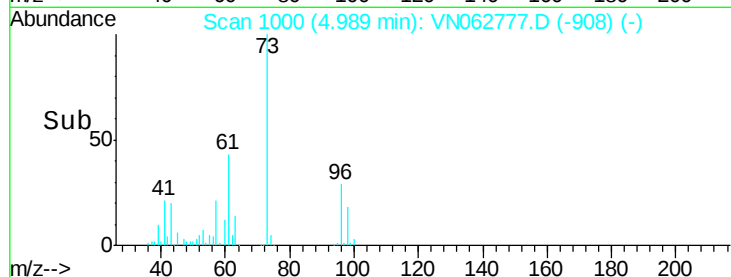
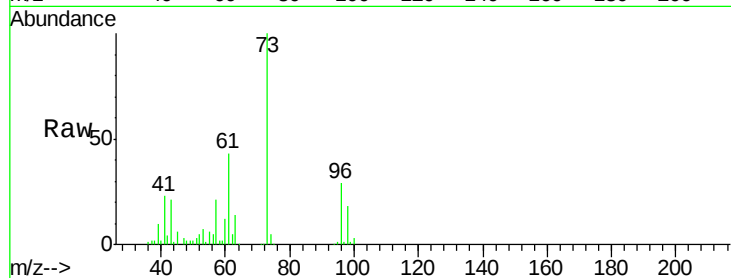
#19
Methvl tert-butvl Ether
Concen: 46.219 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	73	Resp	325363
Ion Ratio	Lower	Upper	
73	100		
57	21.4	17.5	26.3

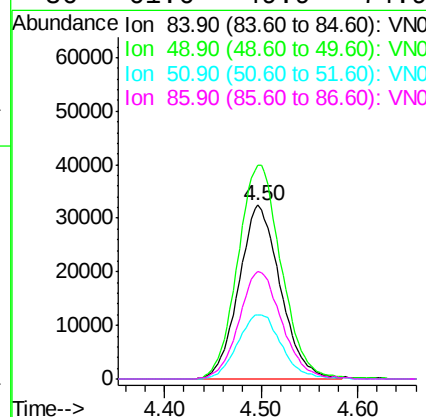
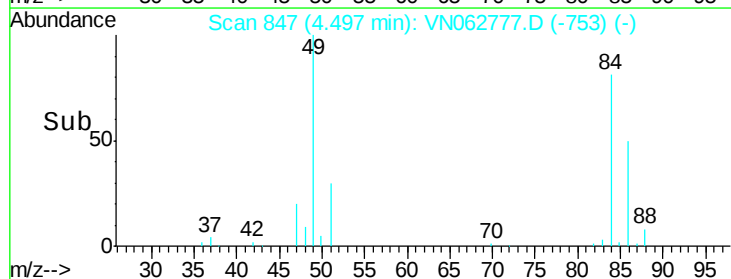
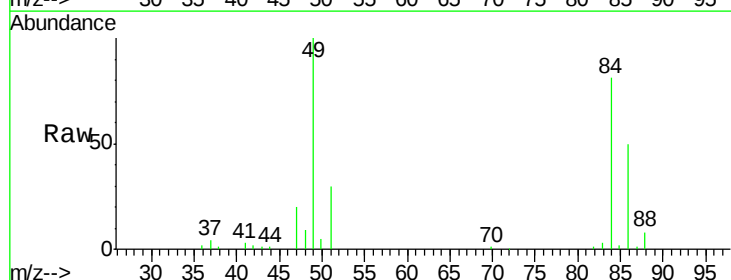
Manual Integrations
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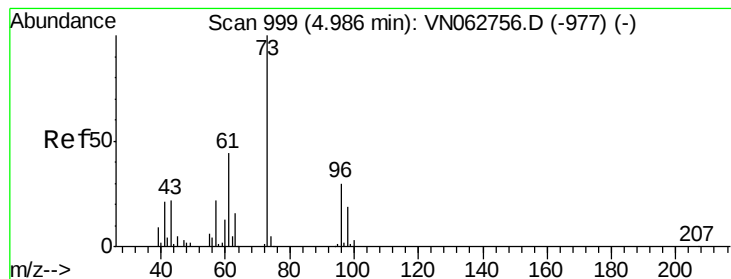
MMDadoda
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#20
Methylene Chloride
Concen: 48.784 ug/l
RT: 4.50 min Scan# 847
Delta R.T. 0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Tgt Ion	84	Resp	96966
Ion Ratio	Lower	Upper	
84	100		
49	122.9	103.4	155.2
51	37.1	29.3	43.9
86	61.6	49.9	74.9





#21

trans-1,2-Dichloroethene

Concen: 46.122 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Instrument :

MSVOA_N

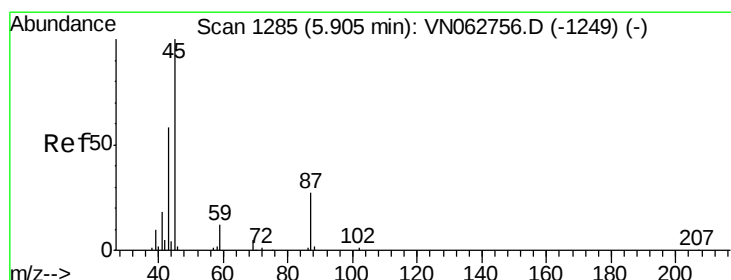
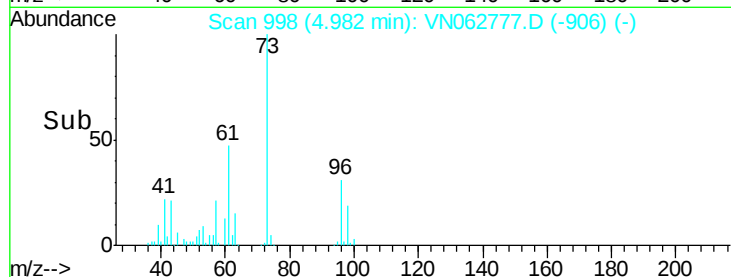
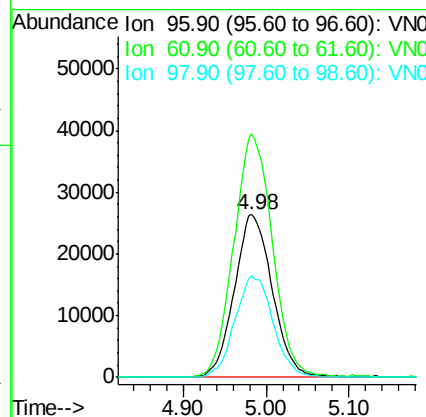
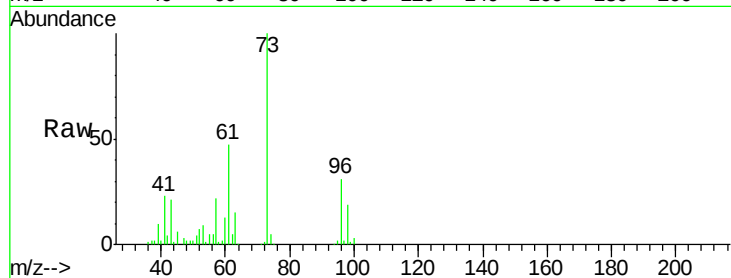
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	83862
Ion	Ratio	Lower	Upper
96	100		
61	149.7	118.8	178.2
98	62.0	51.0	76.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.900 ug/l

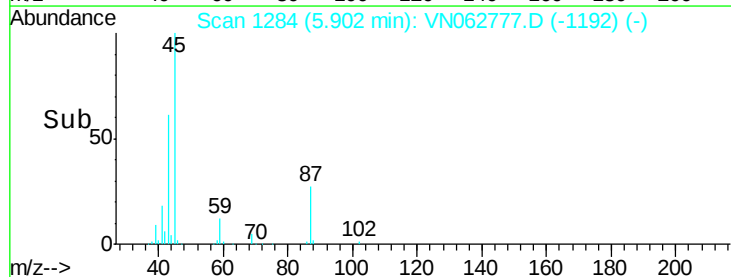
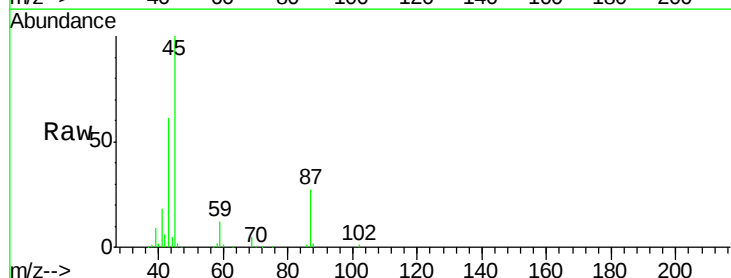
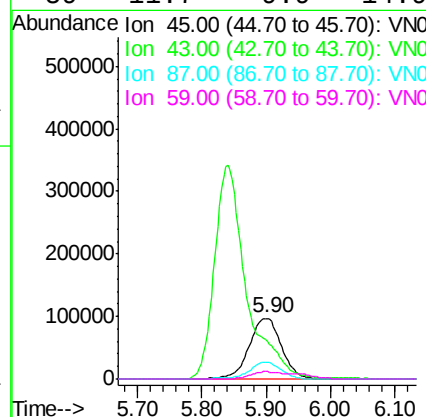
RT: 5.90 min Scan# 1284

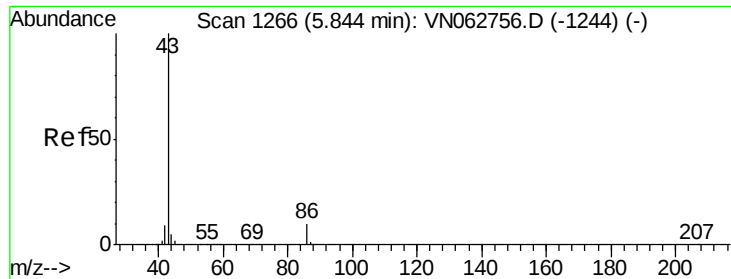
Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Tgt Ion:	45	Resp:	337918
Ion	Ratio	Lower	Upper
45	100		
43	59.8	47.4	71.2
87	27.0	22.8	34.2
59	11.7	9.9	14.9





#23

Vinyl Acetate

Concen: 227.308 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1170832

Ion Ratio Lower Upper

43 100

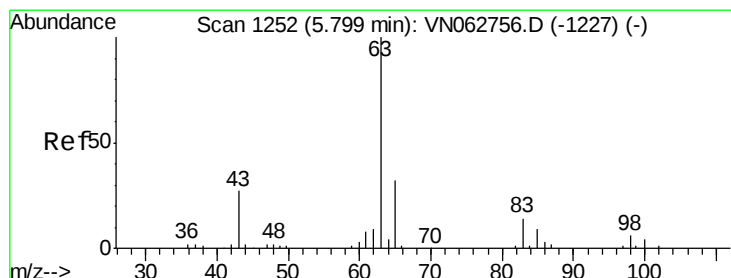
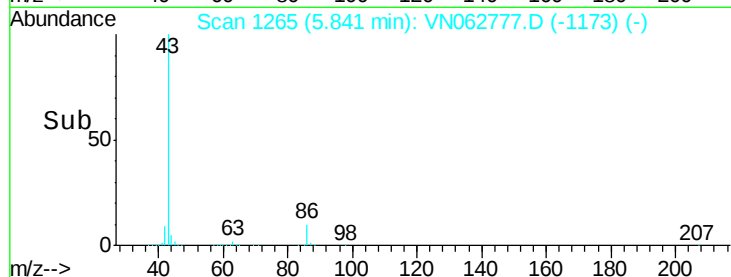
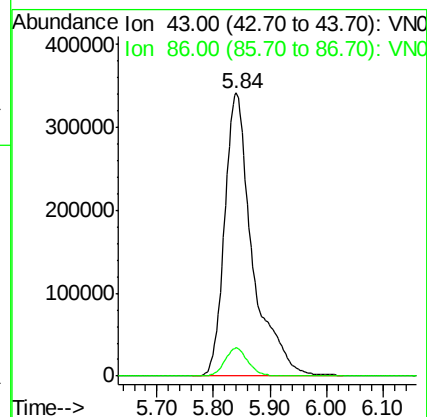
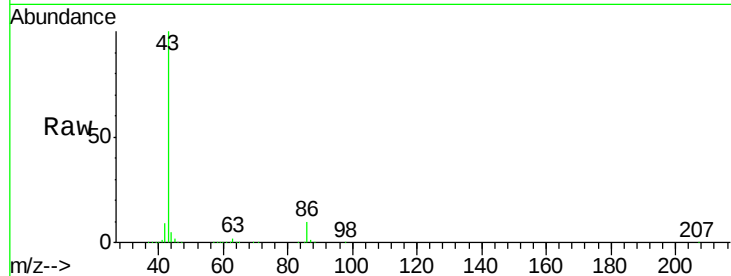
86 9.9 7.7 11.5

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 45.605 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

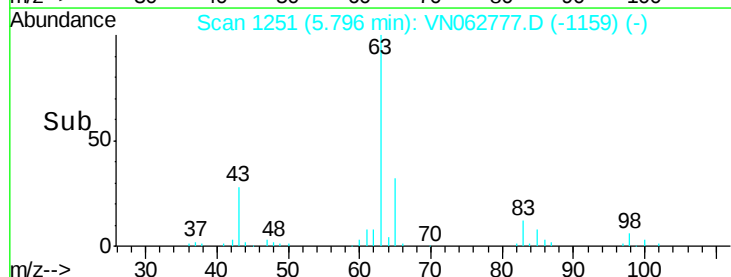
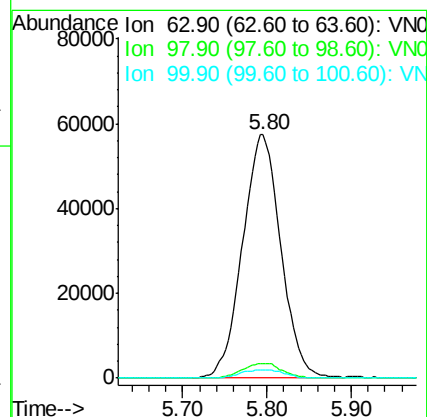
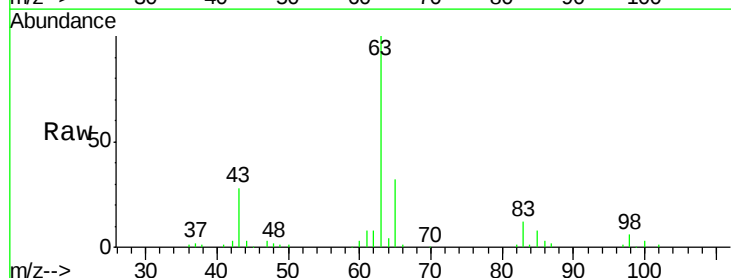
Tgt Ion: 63 Resp: 180984

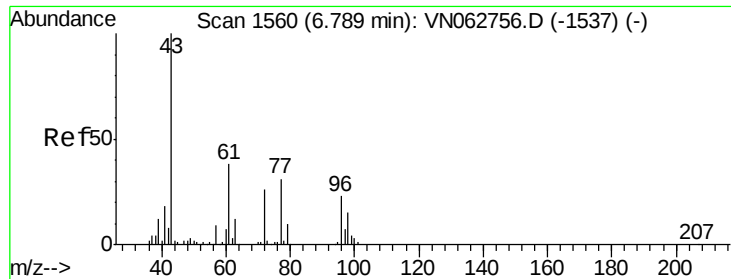
Ion Ratio Lower Upper

63 100

98 5.9 3.0 9.2

100 3.3 1.9 5.7





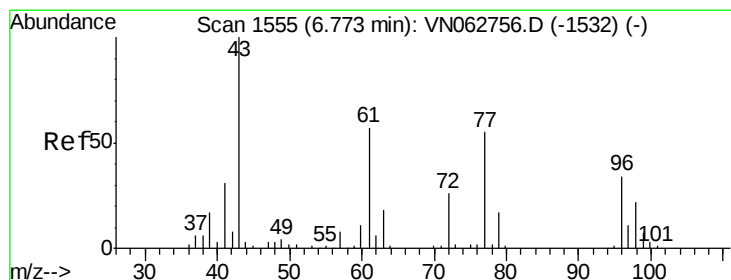
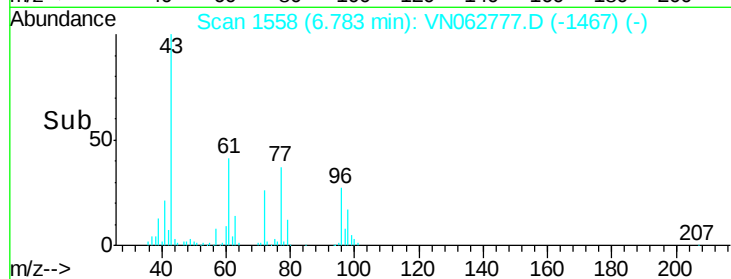
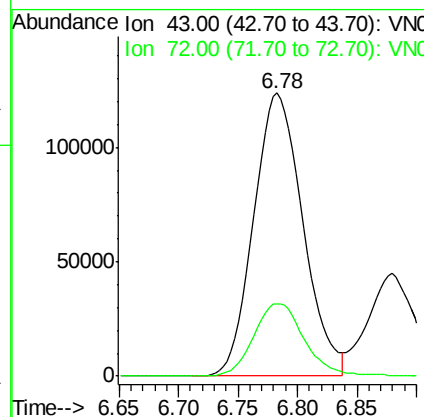
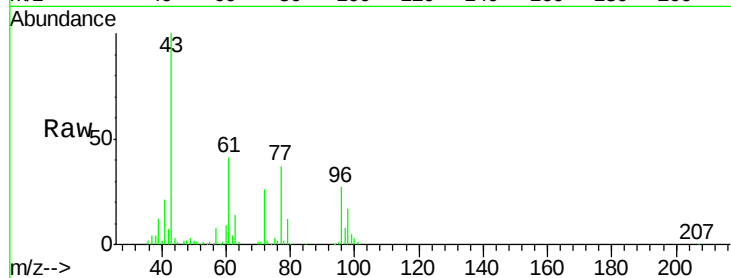
#25
2-Butanone
Concen: 229.770 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.01 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	43	Resp	353316
Ion Ratio	100	Lower	Upper
72	25.6	21.1	31.7

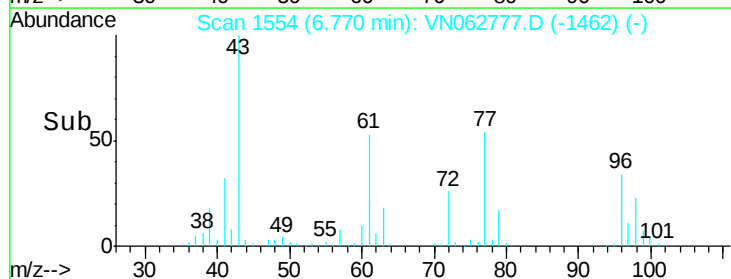
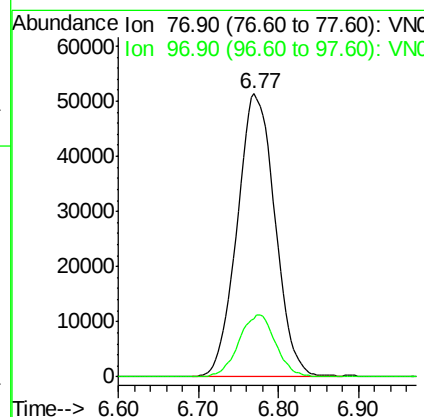
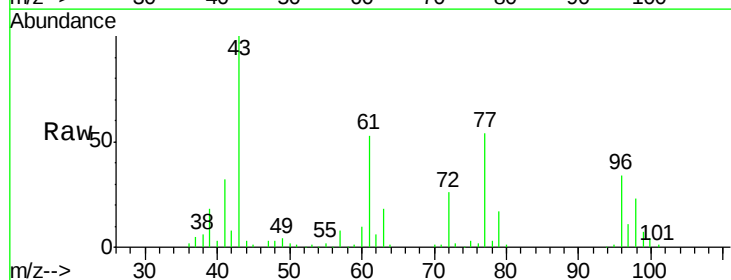
Manual Integrations
APPROVED

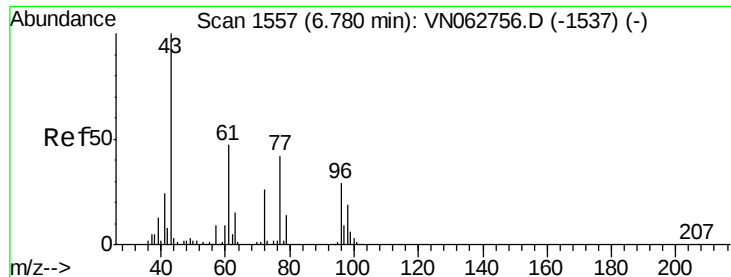
MMDadoda
8/10/2020 12:24:29 PM



#26
2,2-Dichloropropane
Concen: 45.083 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Tgt Ion	77	Resp	164917
Ion Ratio	100	Lower	Upper
97	21.3	10.5	31.6





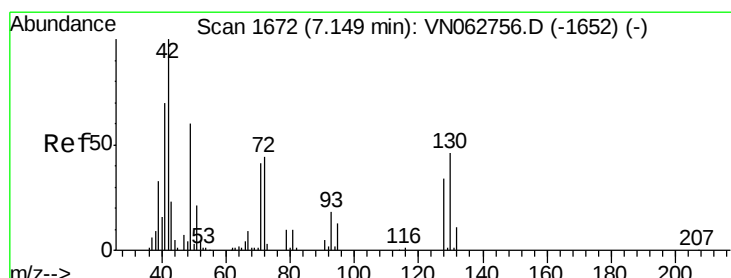
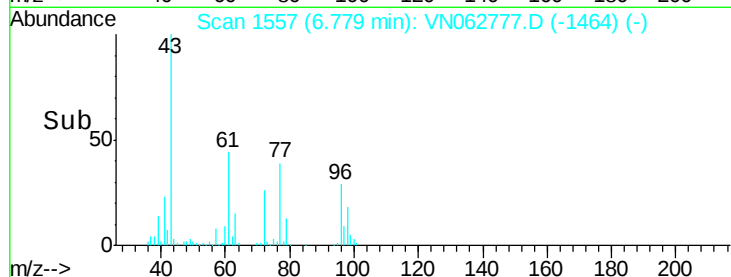
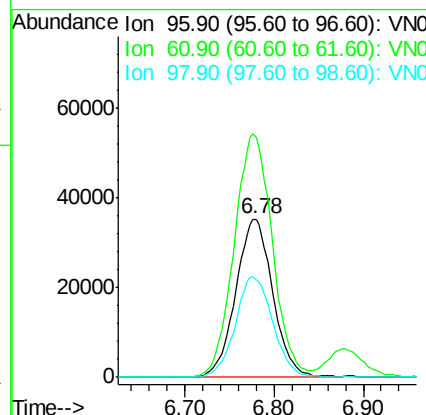
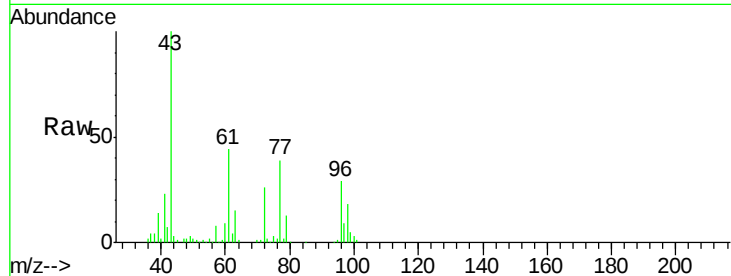
#27
 cis-1,2-Dichloroethene
 Concen: 46.518 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VN062777.D
 Acq: 7 Aug 2020 9:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	158.8	0.0	332.2	
98	64.4	0.0	129.4	

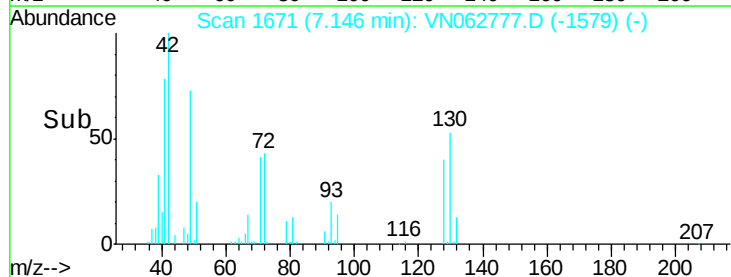
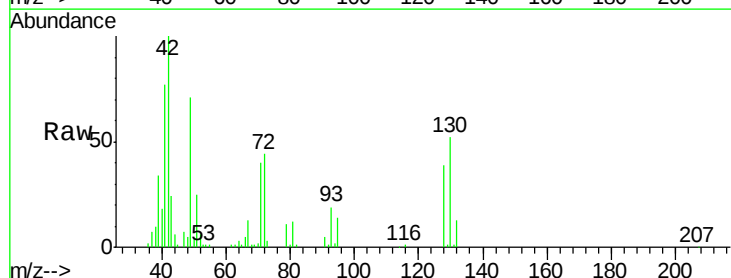
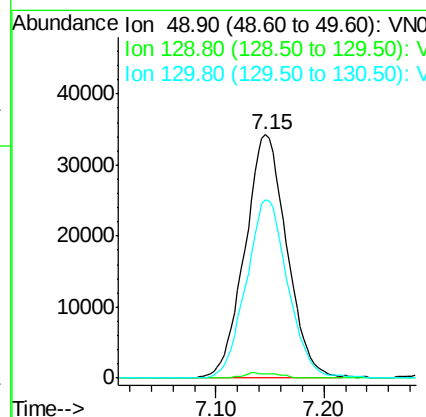
Manual Integrations
 APPROVED

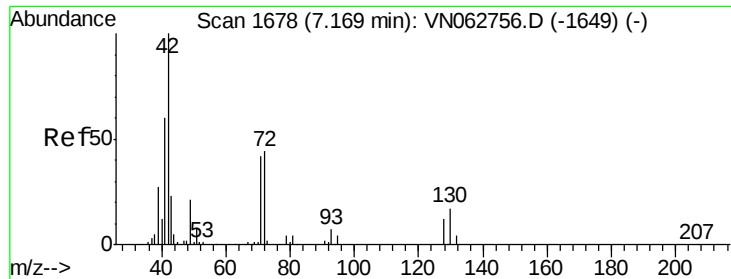
MMDadoda
 8/10/2020 12:24:29 PM



#28
 Bromochloromethane
 Concen: 48.210 ug/l
 RT: 7.15 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: VN062777.D
 Acq: 7 Aug 2020 9:57

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.8	0.0	3.2	
130	72.6	59.0	88.6	





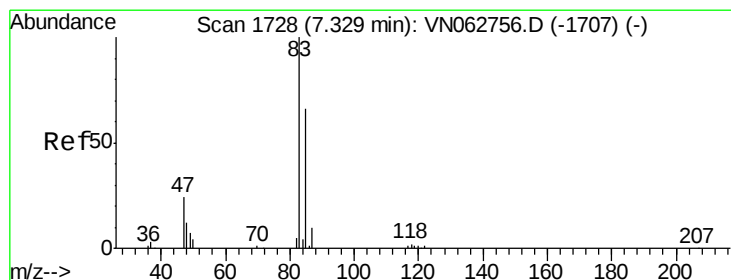
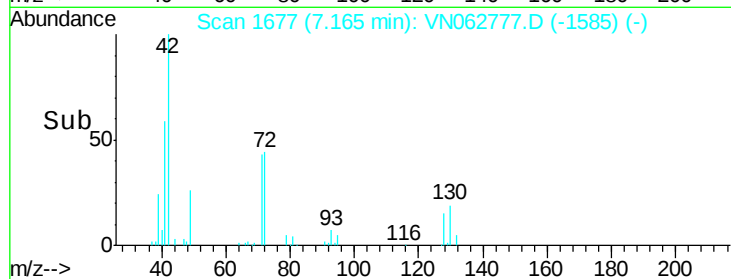
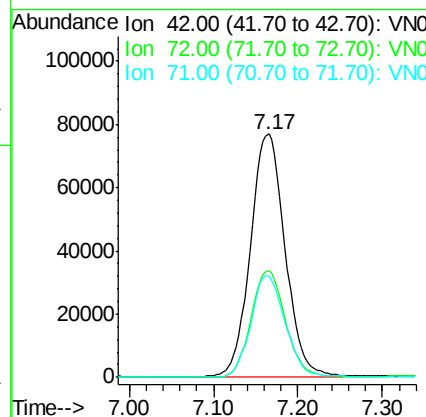
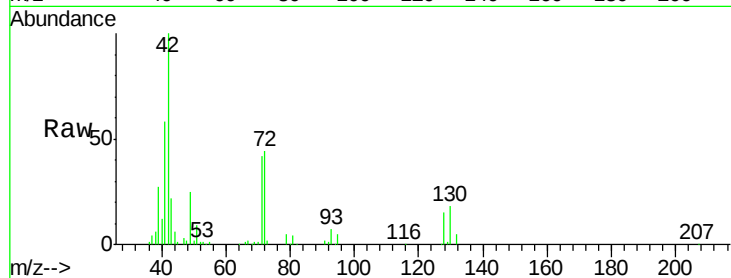
#29
Tetrahydrofuran
Concen: 221.209 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.6	35.0	52.4
71	41.1	33.2	49.8

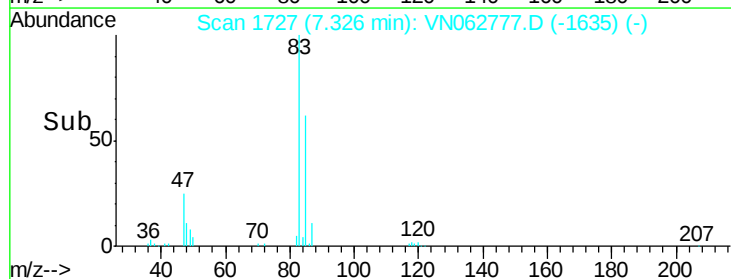
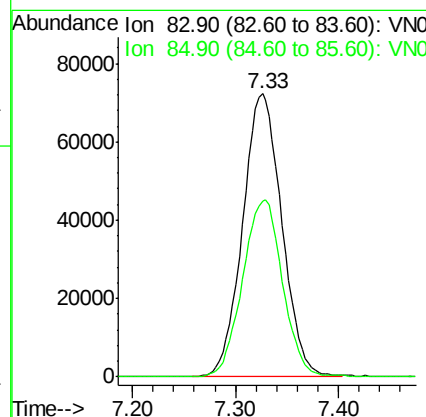
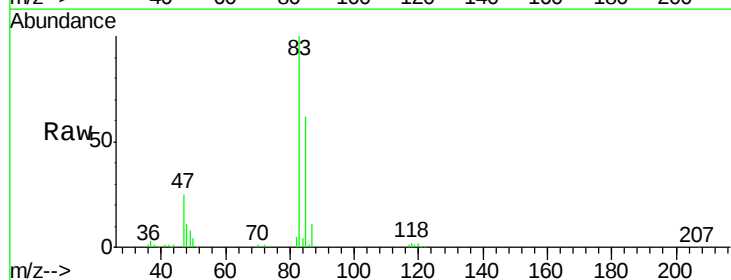
Manual Integrations
APPROVED

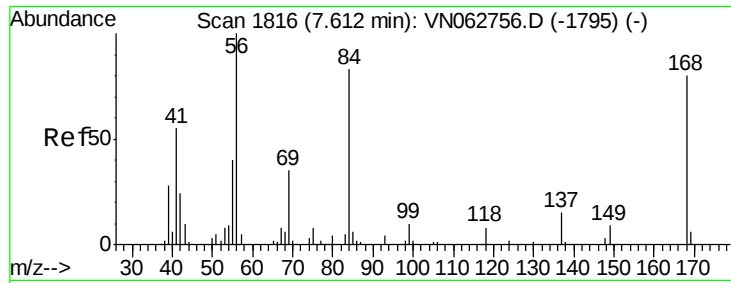
MMDadoda
8/10/2020 12:24:29 PM



#30
Chloroform
Concen: 45.251 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.1	52.7	79.1





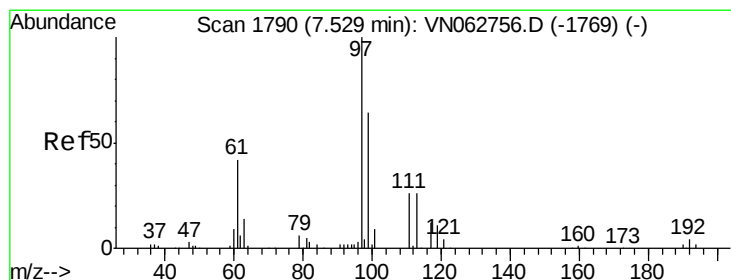
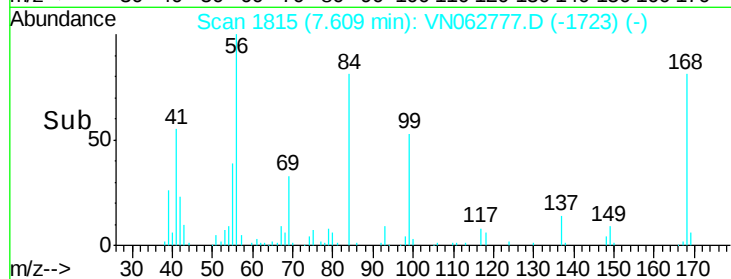
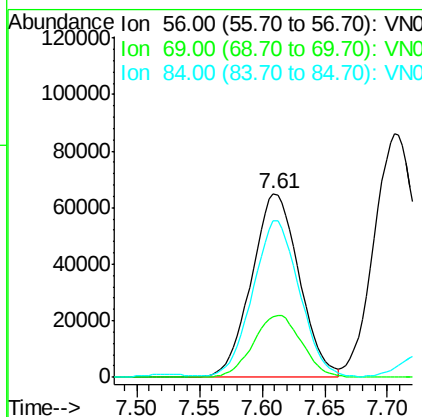
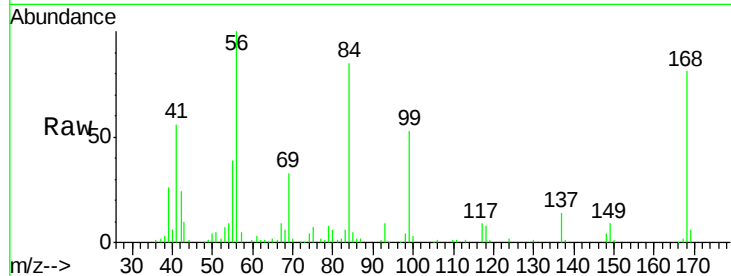
#31
Cyclohexane
Concen: 47.237 ug/l
RT: 7.61 min Scan# 1815
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.9	28.1	42.1
84	83.6	66.8	100.2

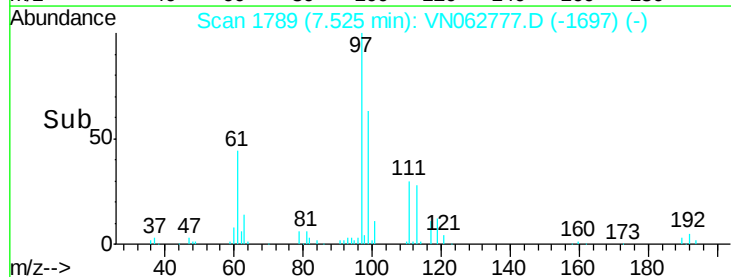
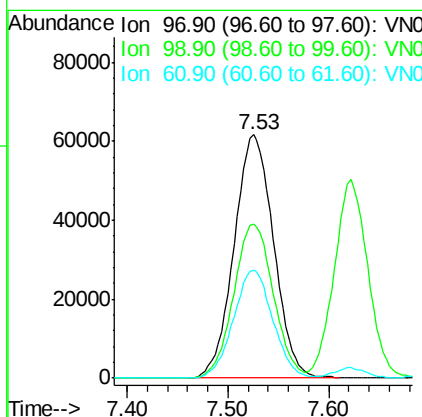
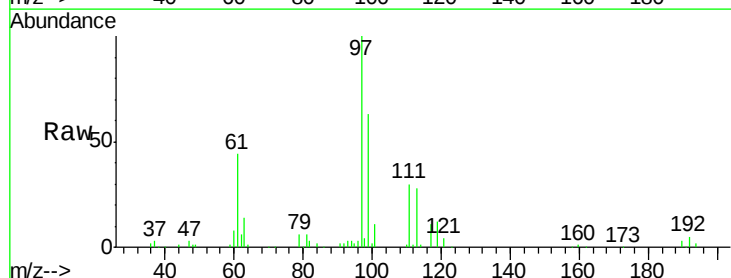
Manual Integrations
APPROVED

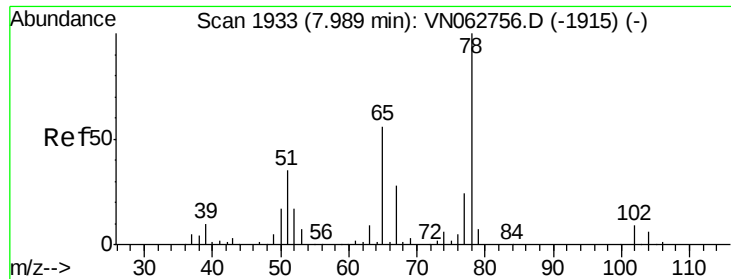
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 44.459 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	50.0	75.0
61	44.2	34.8	52.2





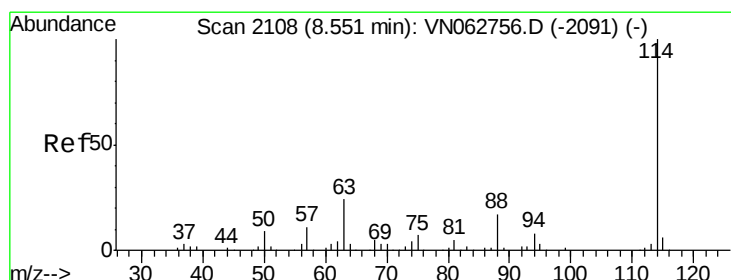
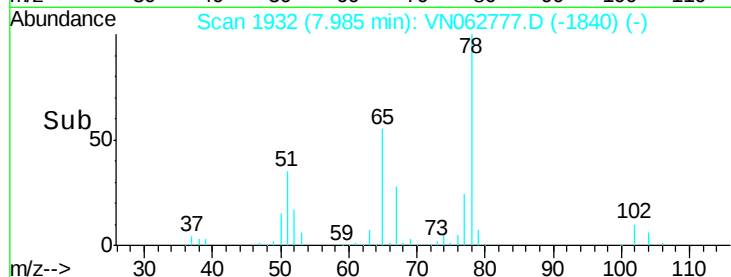
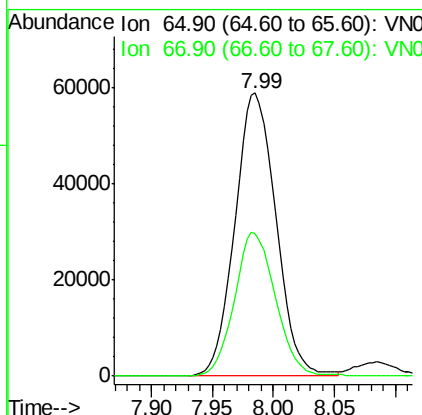
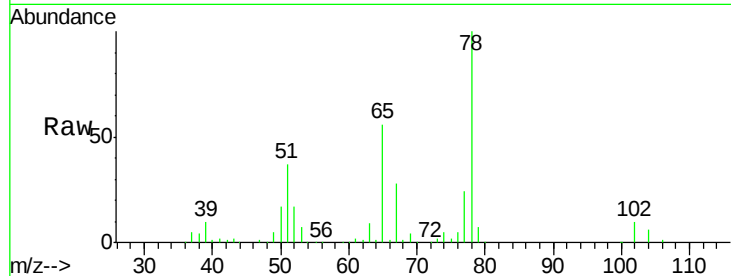
#33
 1,2-Dichloroethane-d4
 Concen: 45.734 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062777.D
 Acq: 7 Aug 2020 9:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	137416		
67	50.7	0.0	101.4	

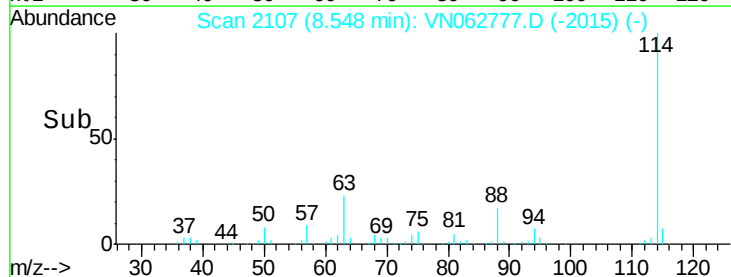
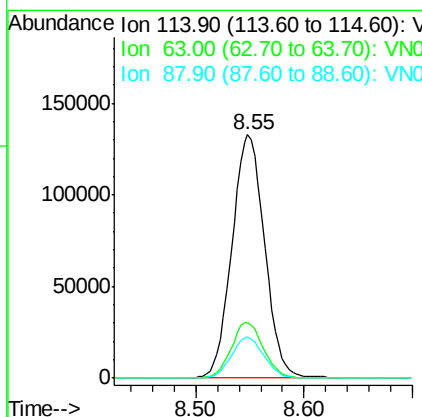
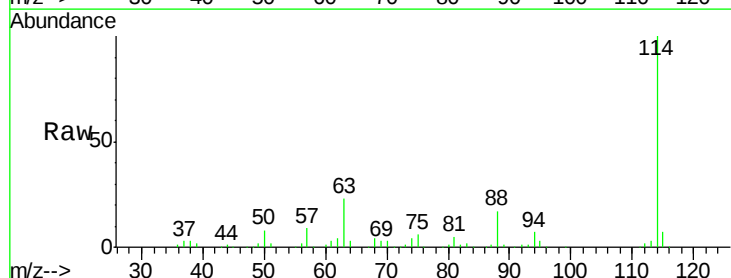
Manual Integrations
 APPROVED

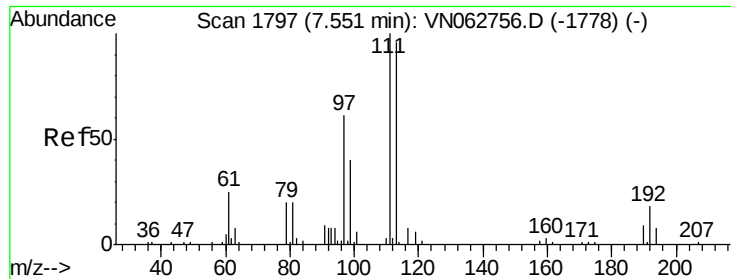
MMDadoda
 8/10/2020 12:24:29 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062777.D
 Acq: 7 Aug 2020 9:57

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	280459		
63	22.8	0.0	47.6	
88	16.8	0.0	34.4	





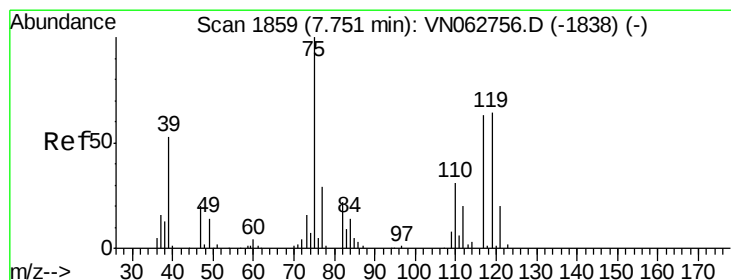
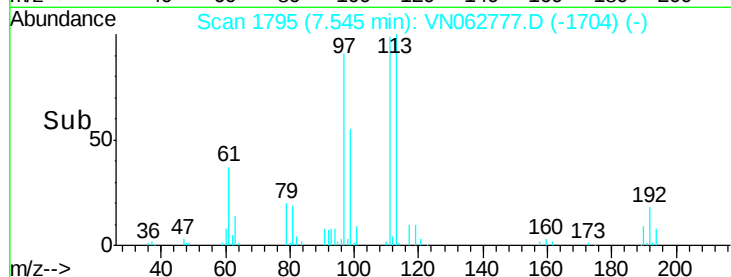
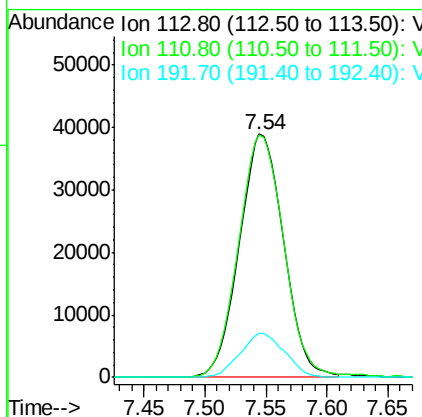
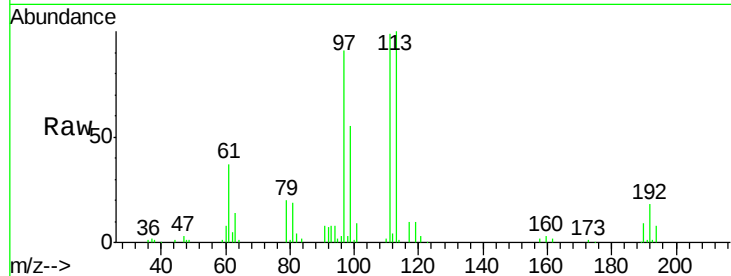
#35
Dibromofluoromethane
Concen: 50.852 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.01 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	97560		
111	101.9	81.8	122.6	
192	18.2	15.0	22.4	

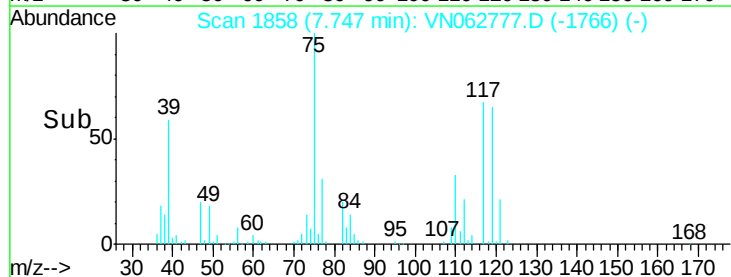
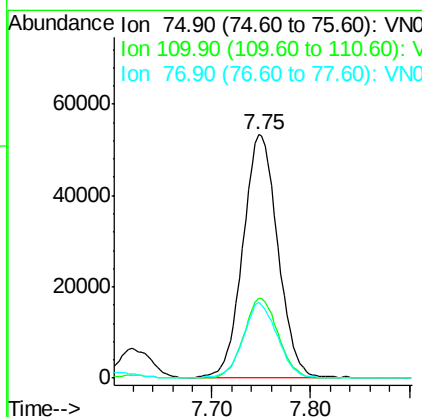
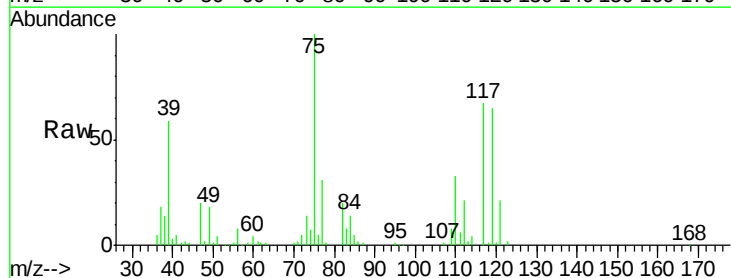
Manual Integrations
APPROVED

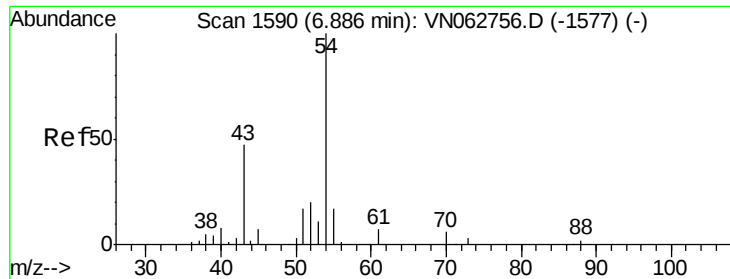
MMDadoda
8/10/2020 12:24:29 PM



#36
1,1-Dichloropropene
Concen: 47.873 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	130735		
110	32.1	15.6	46.7	
77	30.5	24.1	36.1	





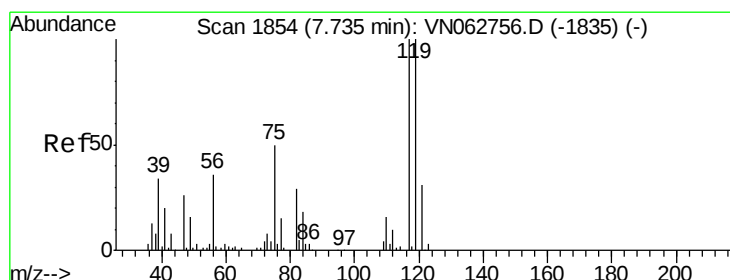
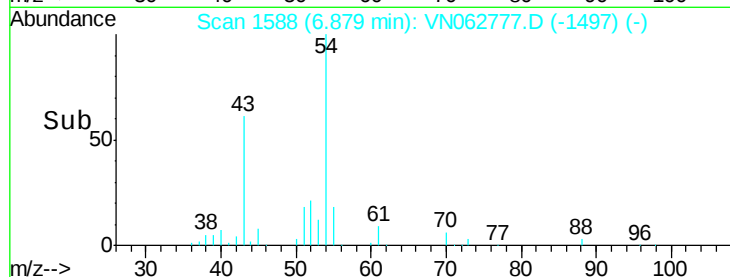
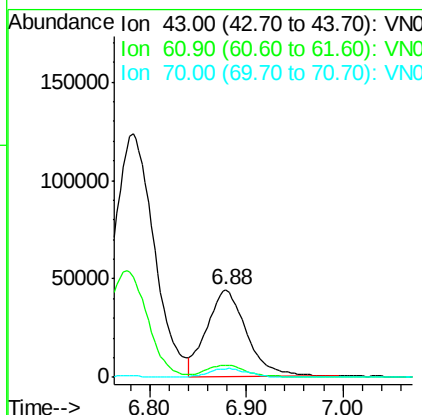
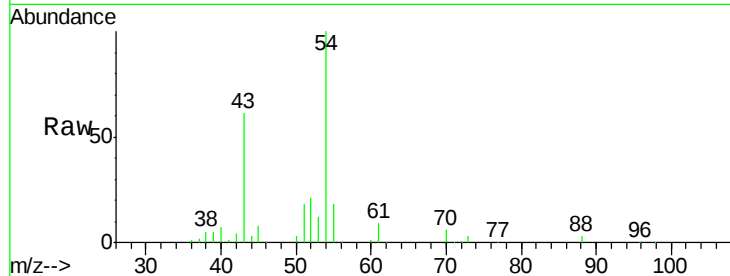
#37
Ethyl Acetate
Concen: 44.299 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.01 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	43	Resp	126370
Ion Ratio	Lower	Upper	
43	100		
61	13.6	12.1	18.1
70	10.2	8.3	12.5

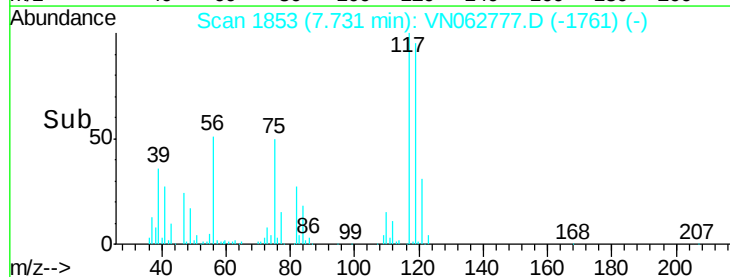
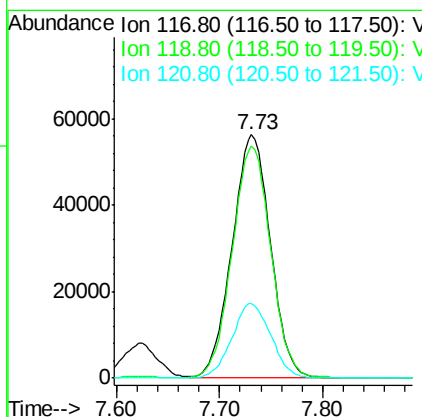
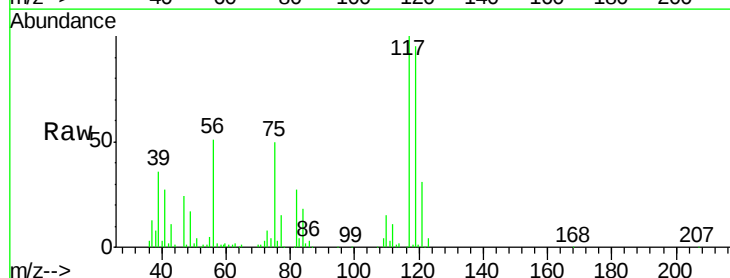
Manual Integrations
APPROVED

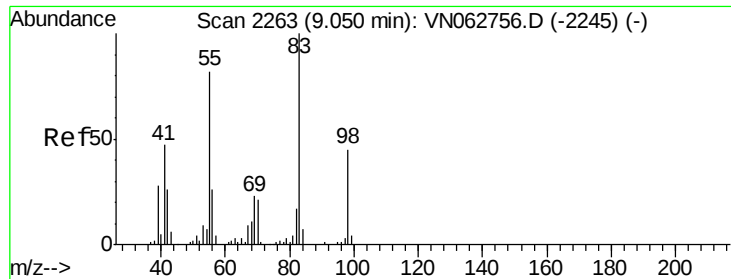
MMDadoda
8/10/2020 12:24:29 PM



#38
Carbon Tetrachloride
Concen: 45.127 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Tgt Ion	117	Resp	145751
Ion Ratio	Lower	Upper	
117	100		
119	95.3	79.4	119.2
121	30.9	24.9	37.3





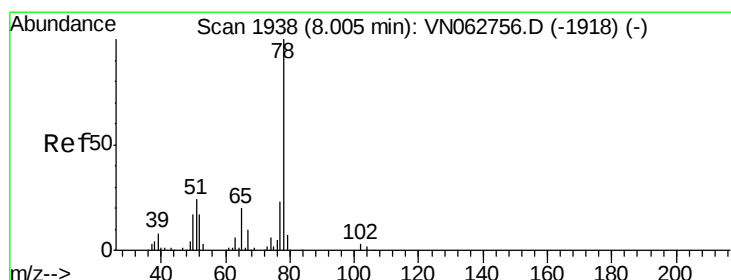
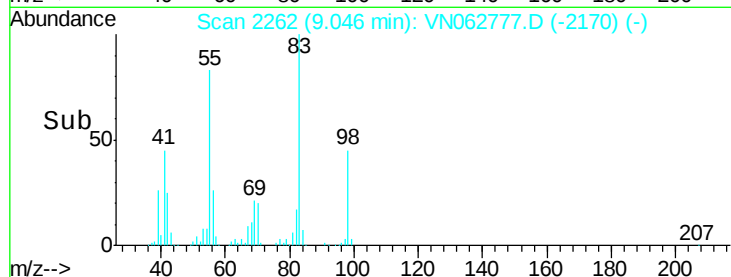
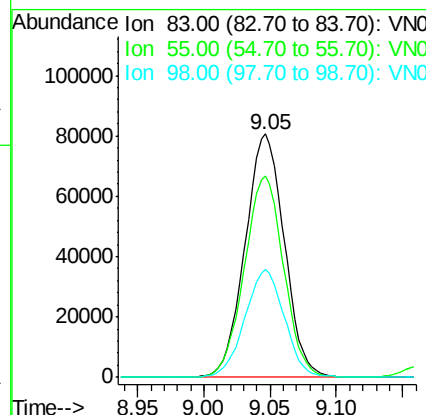
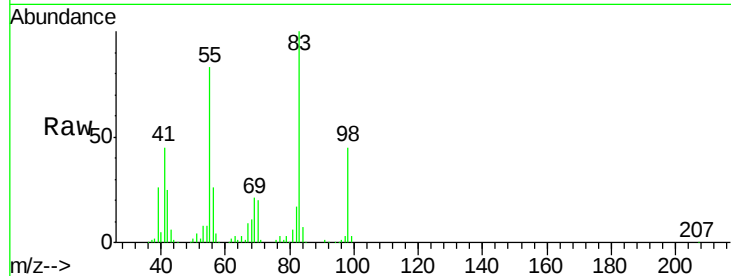
#39
Methvlcvclohexane
Concen: 50.565 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.7	65.7	98.5
98	44.5	35.6	53.4

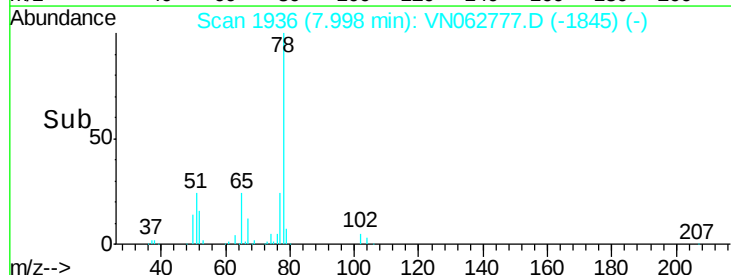
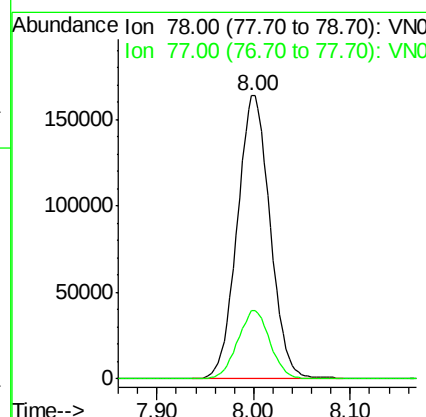
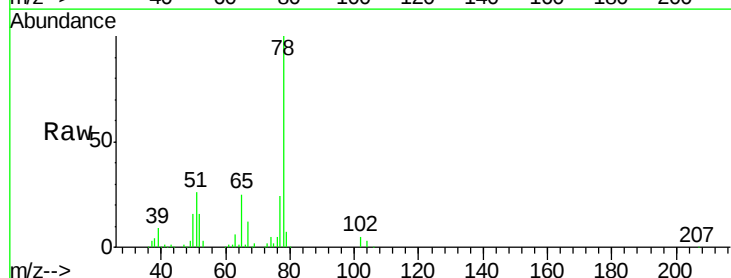
Manual Integrations
APPROVED

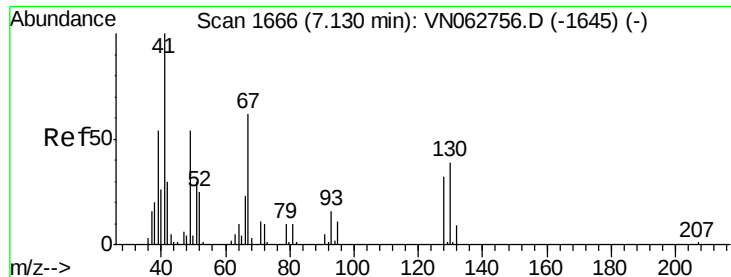
MMDadoda
8/10/2020 12:24:29 PM



#40
Benzene
Concen: 47.434 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.1	27.1





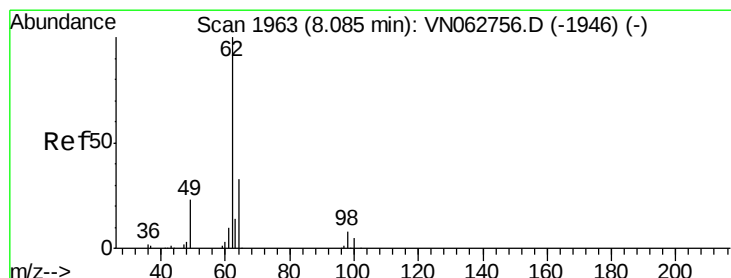
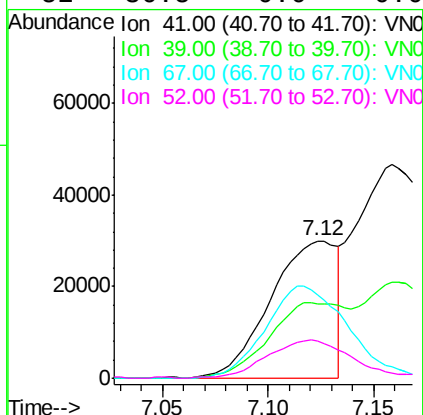
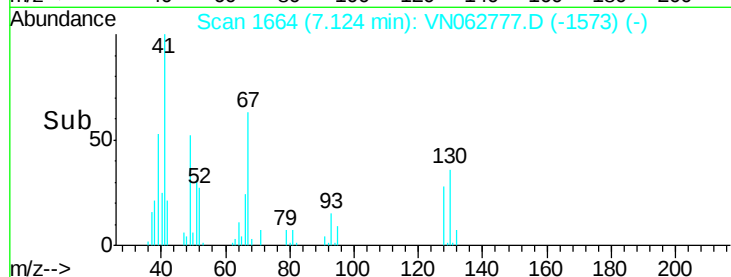
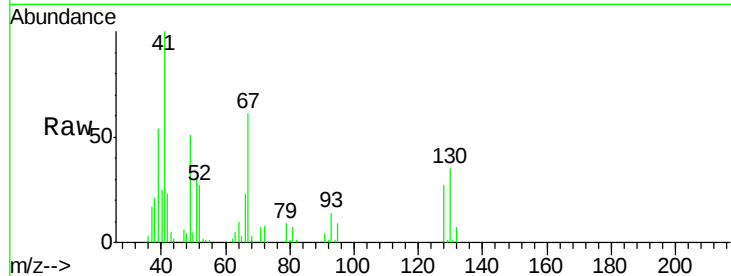
#41
Methacrylonitrile
Concen: 51.093 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	64.5	69.4	104.2#
67	83.9	0.0	0.0#
52	36.5	0.0	0.0#

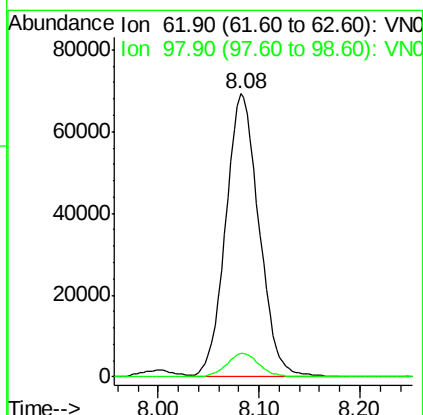
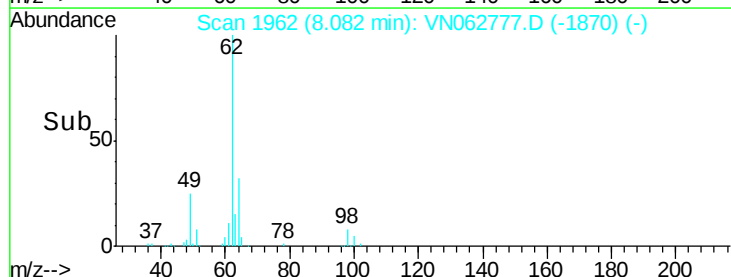
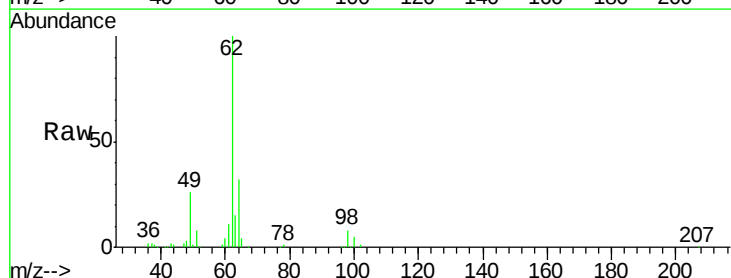
Manual Integrations
APPROVED

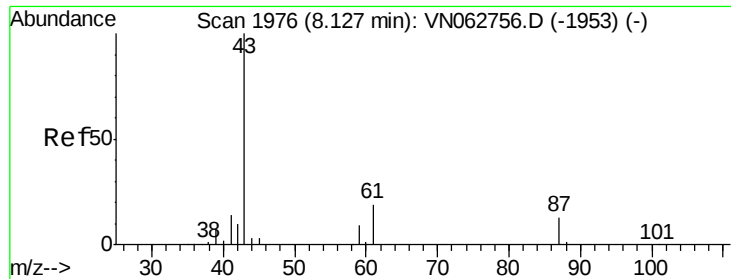
MMDadoda
8/10/2020 12:24:29 PM



#42
1,2-Dichloroethane
Concen: 45.738 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	15.8





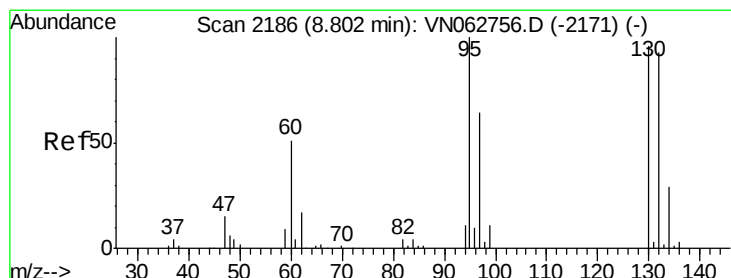
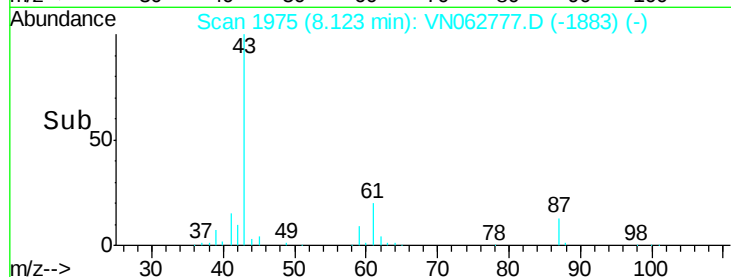
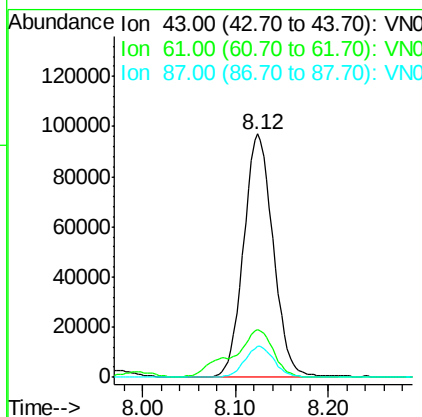
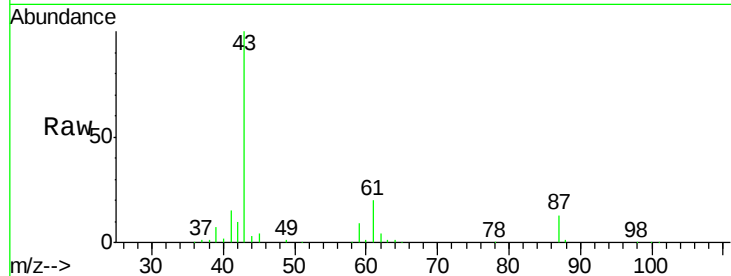
#43
Isopropyl Acetate
Concen: 45.212 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	27.2	15.8	23.6#
87	12.5	9.9	14.9

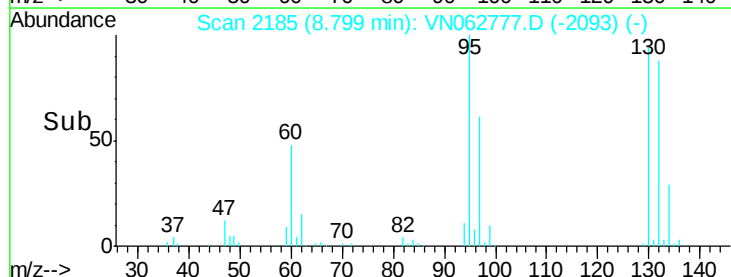
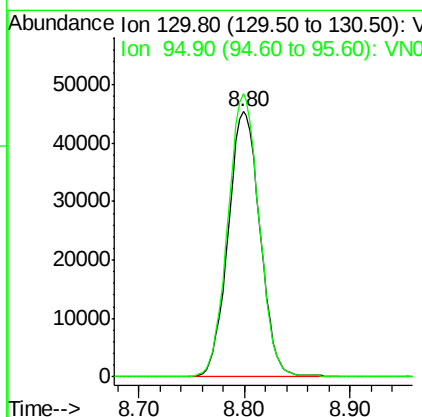
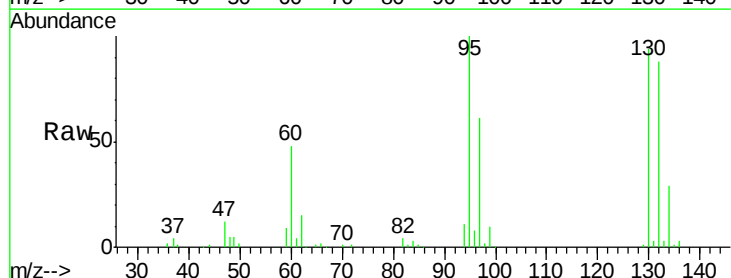
Manual Integrations
APPROVED

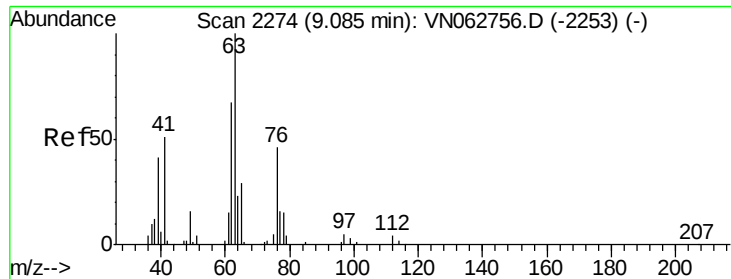
MMDadoda
8/10/2020 12:24:29 PM



#44
Trichloroethene
Concen: 47.812 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Tgt Ion	Ratio	Lower	Upper
130	100		
95	106.8	0.0	207.6





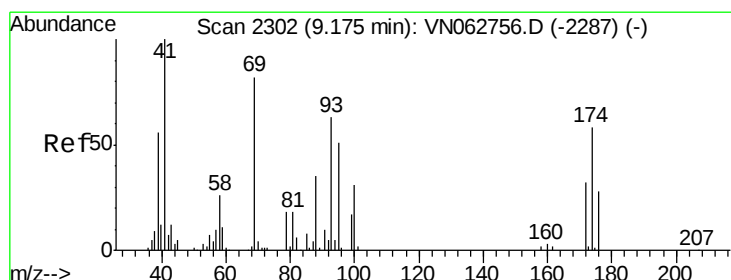
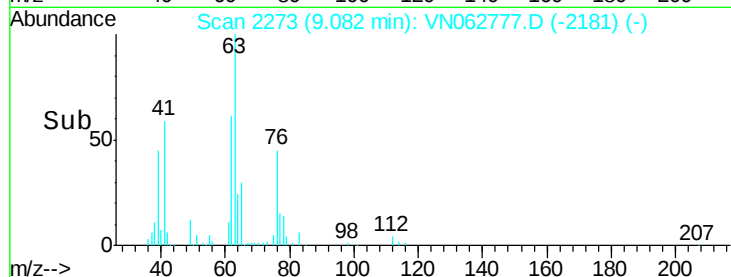
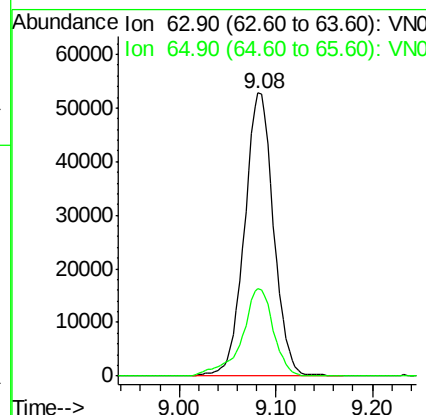
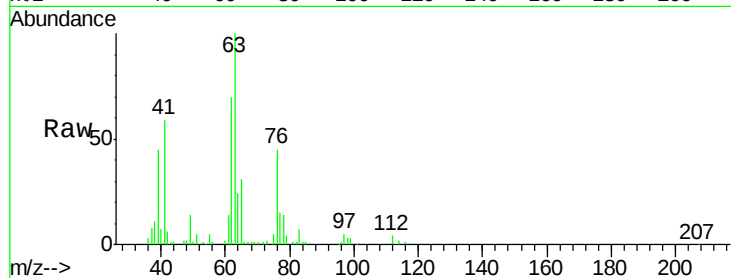
#45
 1,2-Dichloropropane
 Concen: 49.921 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062777.D
 Acq: 7 Aug 2020 9:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
63	100	110101		
65	30.9	23.5	35.3	

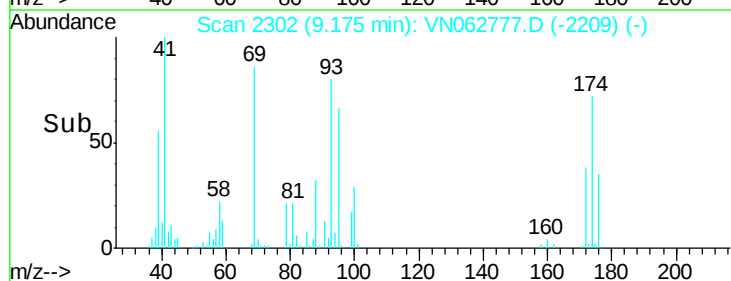
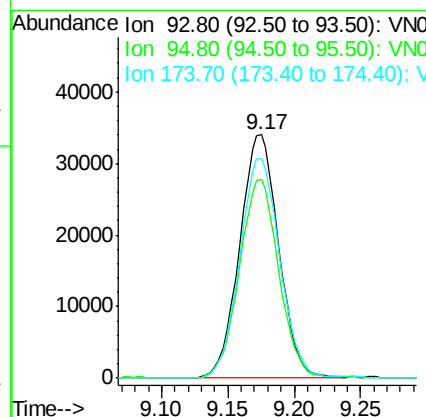
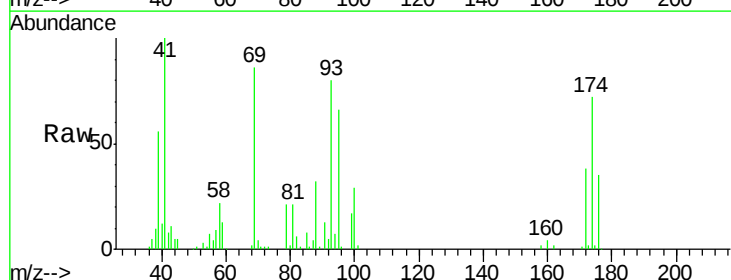
Manual Integrations
 APPROVED

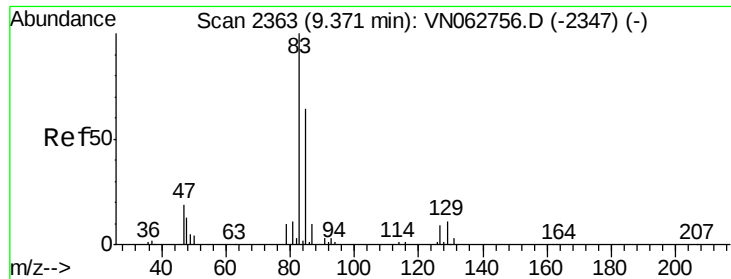
MMDadoda
 8/10/2020 12:24:29 PM



#46
 Dibromomethane
 Concen: 48.029 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062777.D
 Acq: 7 Aug 2020 9:57

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	69406		
95	82.5	65.1	97.7	
174	92.8	73.9	110.9	





#47

Bromodichloromethane

Concen: 48.794 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Instrument :

MSVOA_N

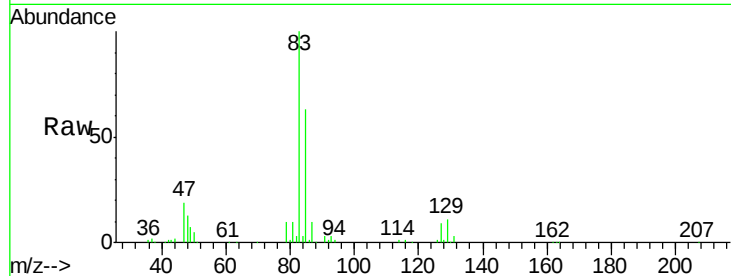
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	158367
Ion Ratio	Lower	Upper	
83	100		
85	62.8	51.4	77.0
127	9.0	6.9	10.3

Manual Integrations
APPROVED

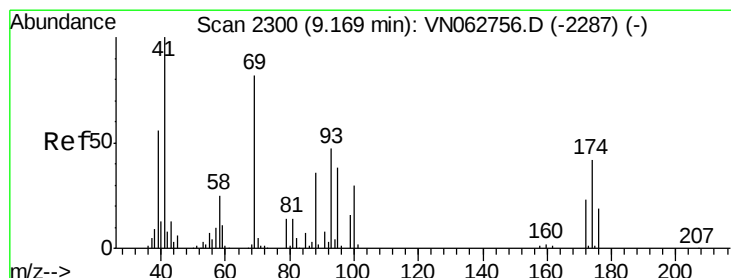
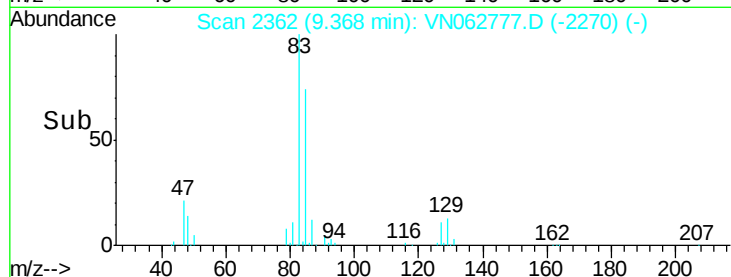
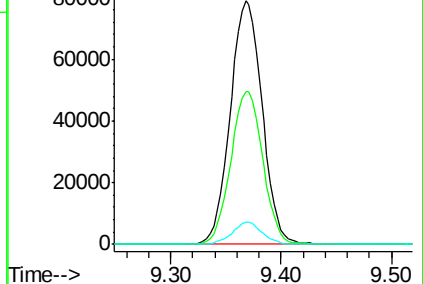
MMDadoda
8/10/2020 12:24:29 PM



Abundance Ion 82.90 (82.60 to 83.60): VN062756.D (-2347) (-)

Ion 84.90 (84.60 to 85.60): VN062756.D (-2347) (-)

Ion 126.80 (126.50 to 127.50): VN062756.D (-2347) (-)



#48

Methyl methacrylate

Concen: 46.388 ug/l

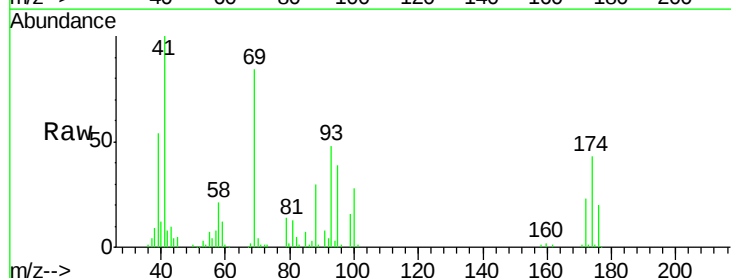
RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

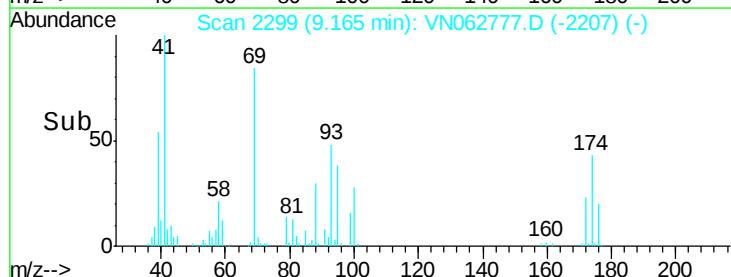
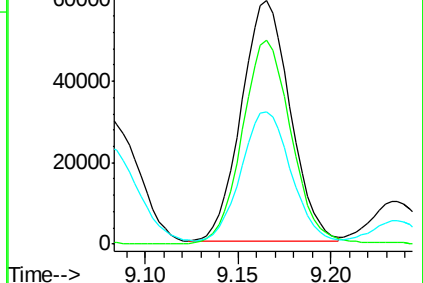
Tgt Ion:	41	Resp:	108565
Ion Ratio	Lower	Upper	
41	100		
69	85.8	67.4	101.2
39	57.1	47.6	71.4



Abundance Ion 41.00 (40.70 to 41.70): VN062756.D (-2287) (-)

Ion 69.00 (68.70 to 69.70): VN062756.D (-2287) (-)

Ion 39.00 (38.70 to 39.70): VN062756.D (-2287) (-)





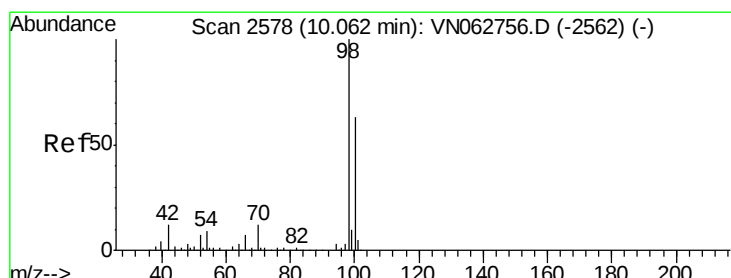
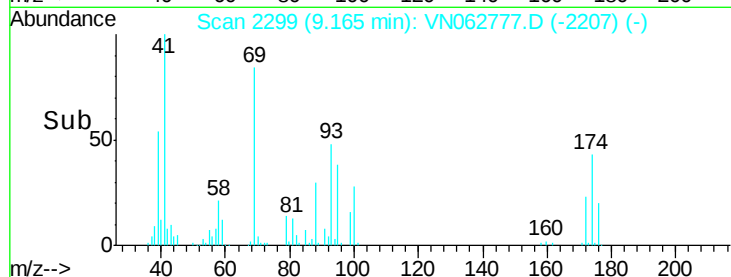
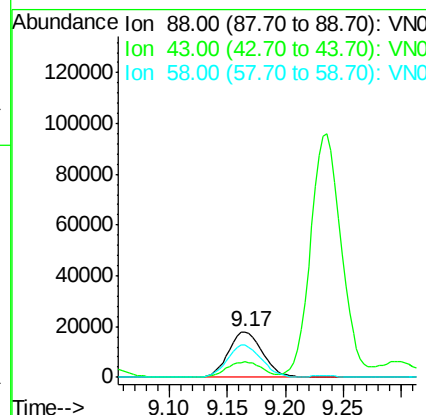
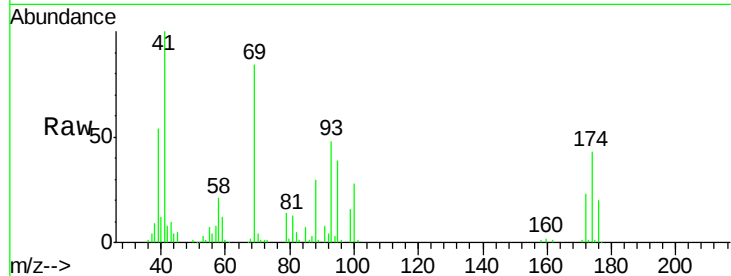
#49
1,4-Dioxane
Concen: 845.535 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.2	29.5	44.3
58	71.7	59.8	89.8

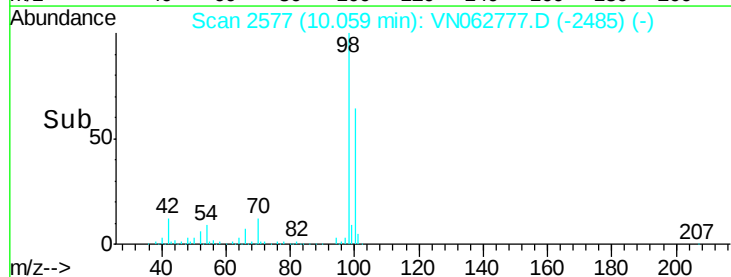
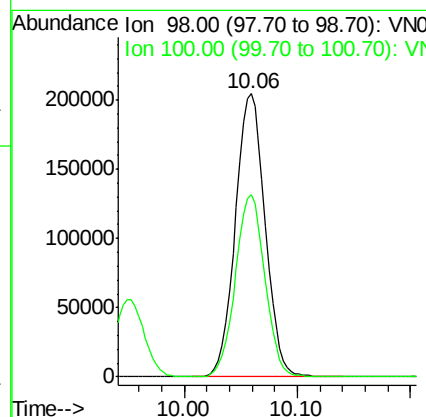
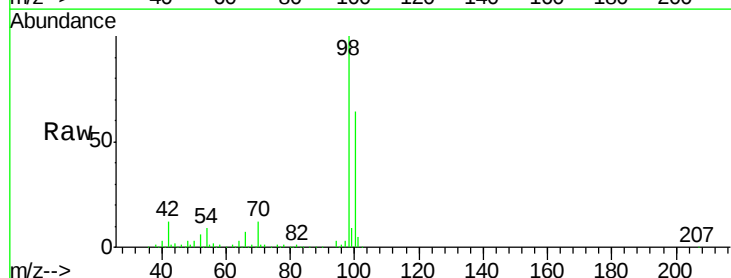
Manual Integrations
APPROVED

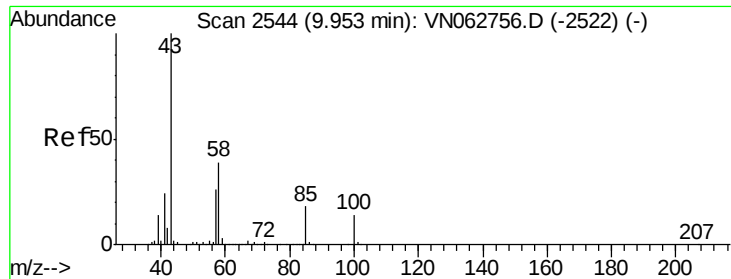
MMDadoda
8/10/2020 12:24:29 PM



#50
Toluene-d8
Concen: 50.029 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.9	76.3





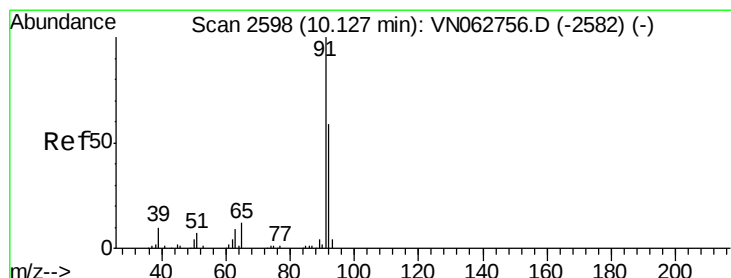
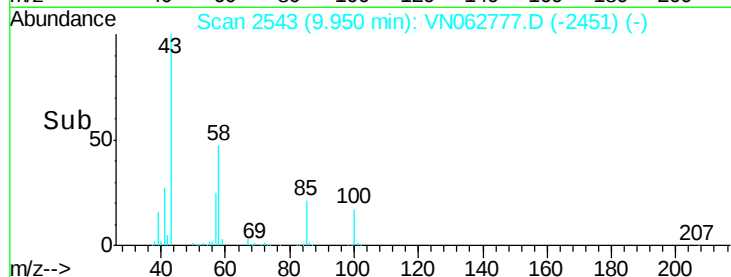
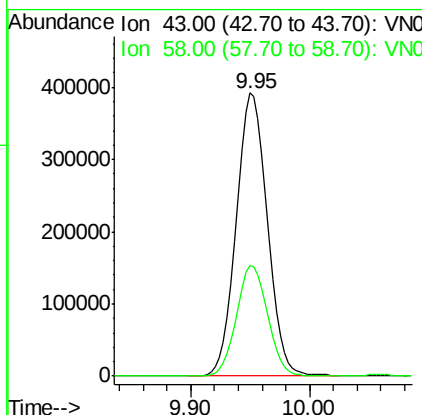
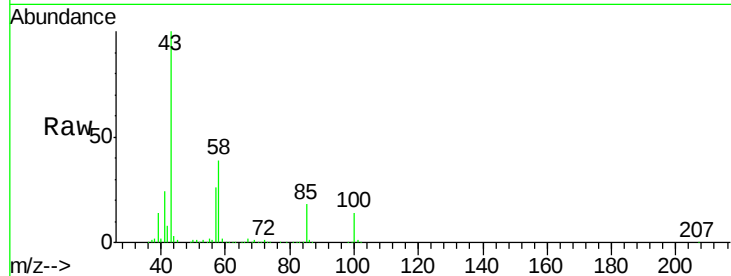
#51
4-Methyl-2-Pentanone
Concen: 231.195 ug/l
RT: 9.95 min Scan# 2543
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	711753
Ion	Ratio	Lower	Upper
43	100		
58	39.2	31.1	46.7

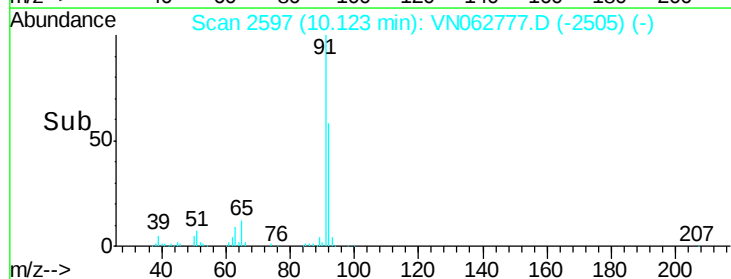
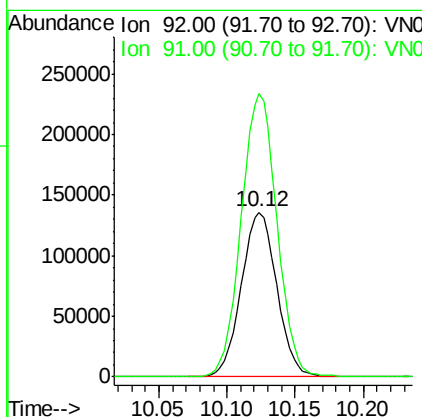
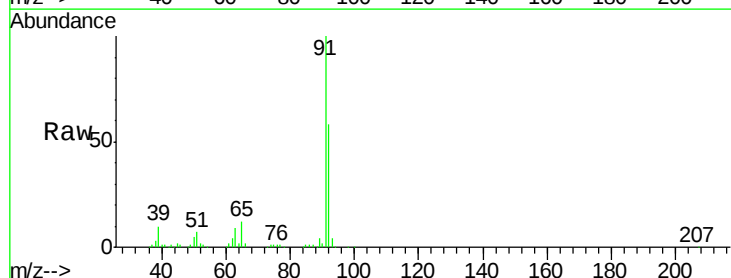
Manual Integrations
APPROVED

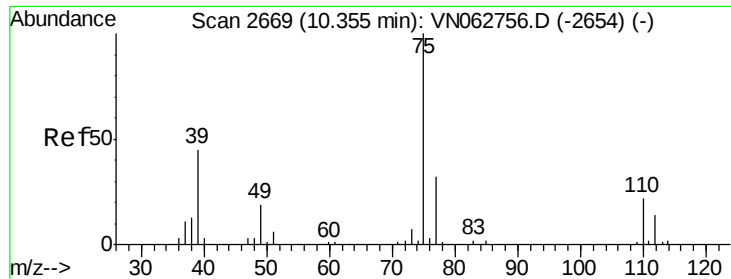
MMDadoda
8/10/2020 12:24:29 PM



#52
Toluene
Concen: 48.992 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Tgt Ion	92	Resp	246499
Ion	Ratio	Lower	Upper
92	100		
91	173.1	138.9	208.3





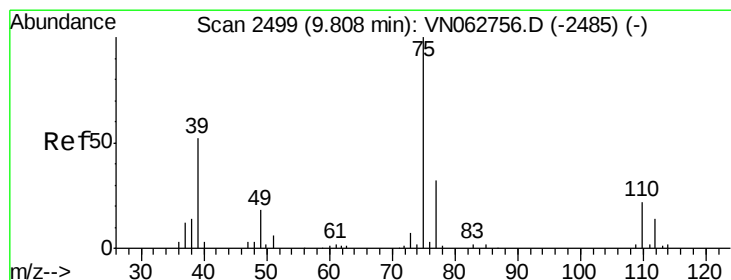
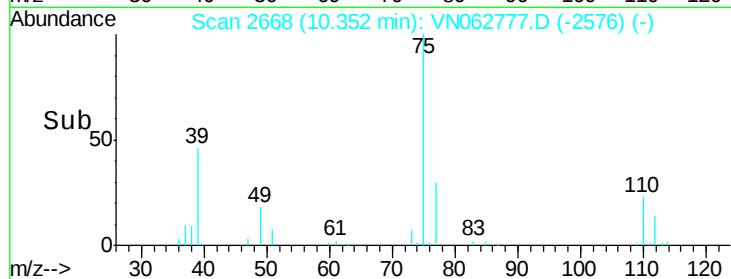
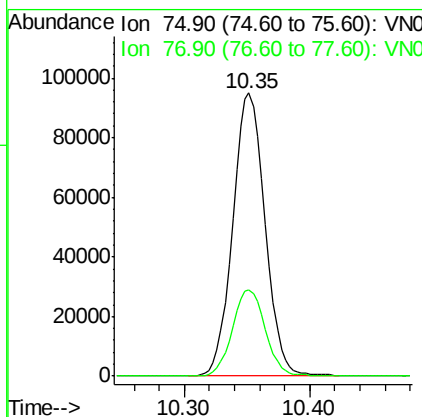
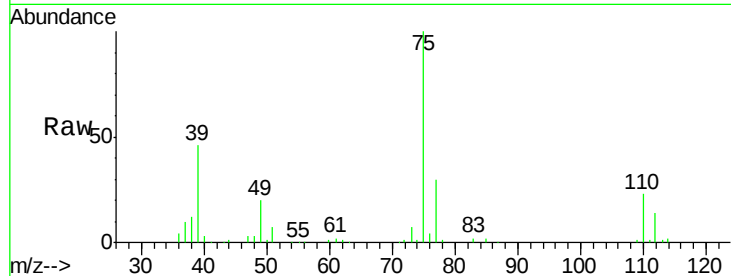
#53
 t-1,3-Dichloropropene
 Concen: 47.586 ug/l
 RT: 10.35 min Scan# 2668
 Delta R.T. -0.00 min
 Lab File: VN062777.D
 Acq: 7 Aug 2020 9:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 169883
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.4 38.2

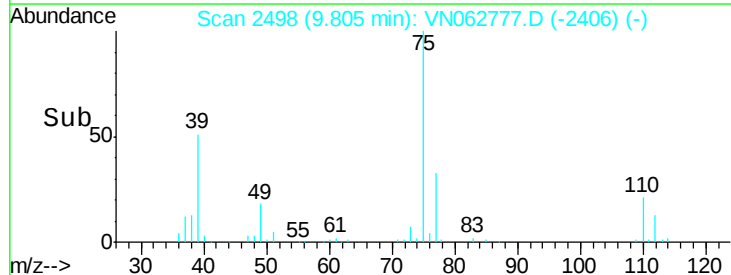
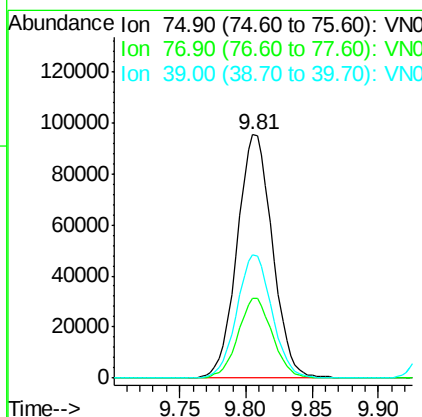
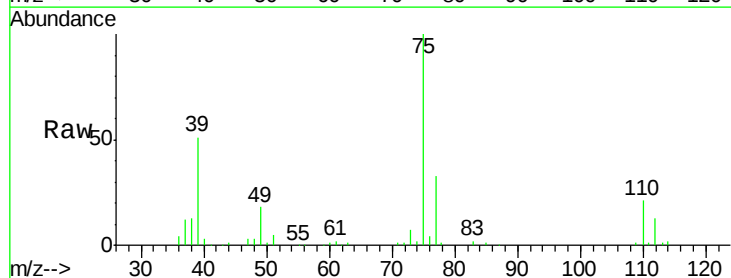
Manual Integrations
 APPROVED

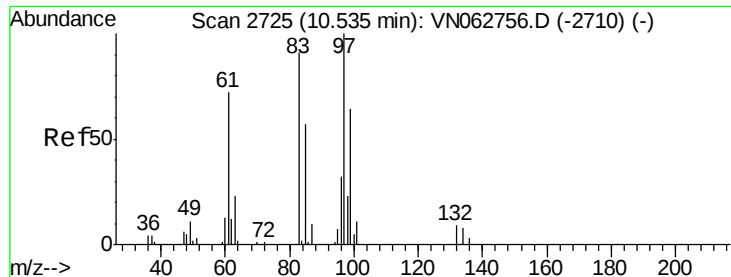
MMDadoda
 8/10/2020 12:24:29 PM



#54
 cis-1,3-Dichloropropene
 Concen: 49.313 ug/l
 RT: 9.81 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: VN062777.D
 Acq: 7 Aug 2020 9:57

Tgt Ion: 75 Resp: 176756
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.5 38.3
 39 50.6 41.9 62.9





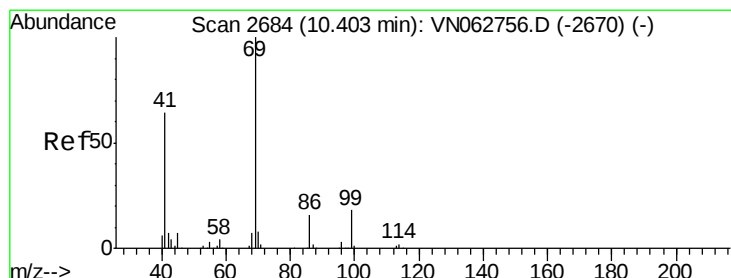
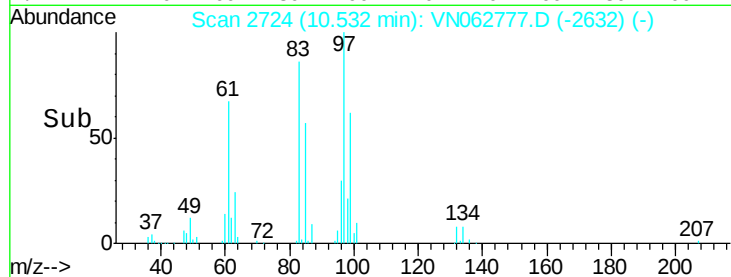
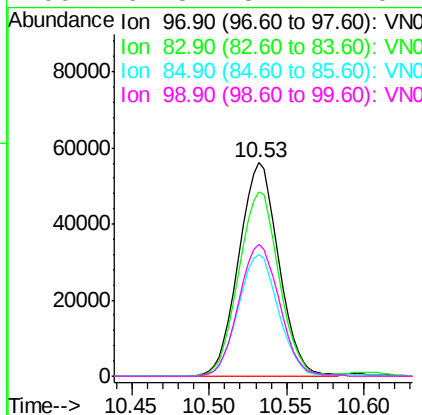
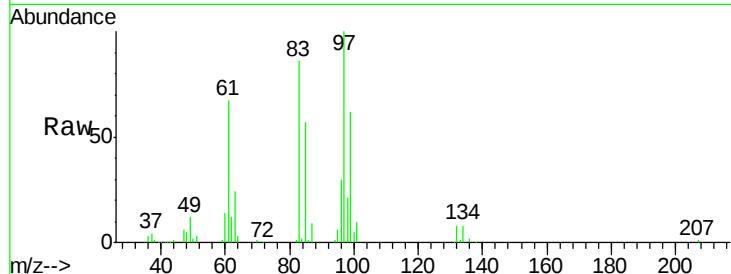
#55
 1,1,2-Trichloroethane
 Concen: 47.007 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062777.D
 Acq: 7 Aug 2020 9:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	101012
Ion	Ratio	Lower	Upper
97	100		
83	86.4	72.6	108.8
85	56.9	46.0	69.0
99	61.8	51.1	76.7

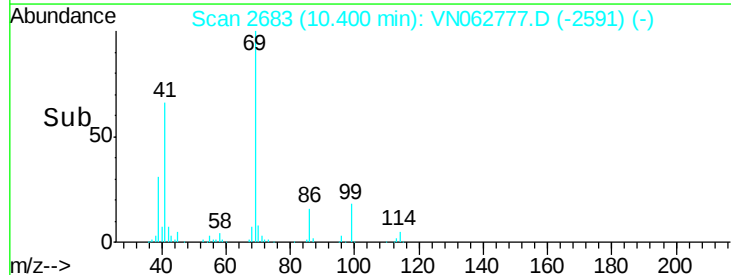
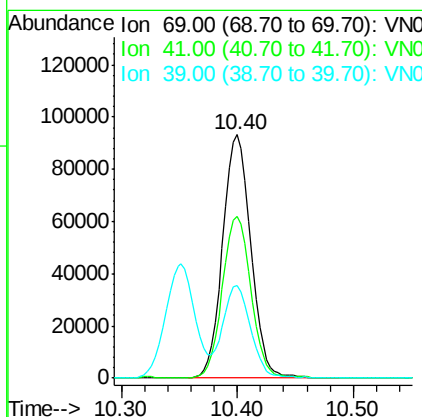
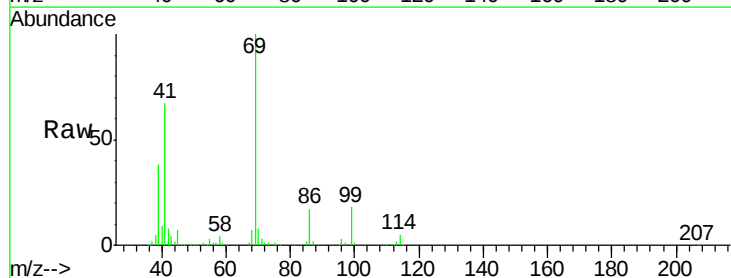
Manual Integrations
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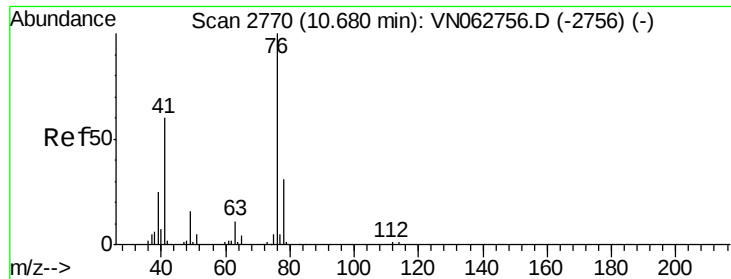
MMDadoda
 8/10/2020 12:24:29 PM



#56
 Ethyl methacrylate
 Concen: 48.490 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062777.D
 Acq: 7 Aug 2020 9:57

Tgt Ion:	69	Resp:	156839
Ion	Ratio	Lower	Upper
69	100		
41	66.6	52.2	78.2
39	36.7	30.9	46.3





#57

1,3-Dichloropropane

Concen: 47.945 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 175057

Ion Ratio Lower Upper

76 100

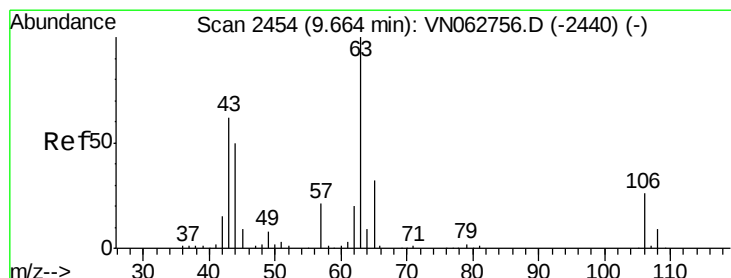
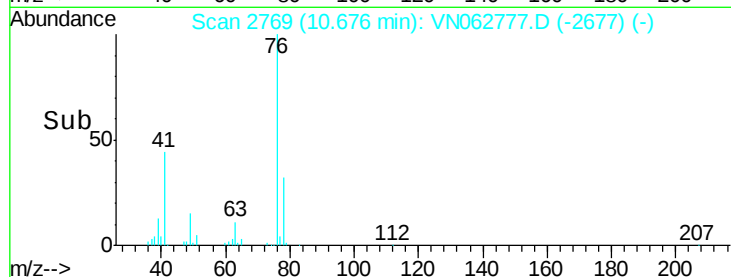
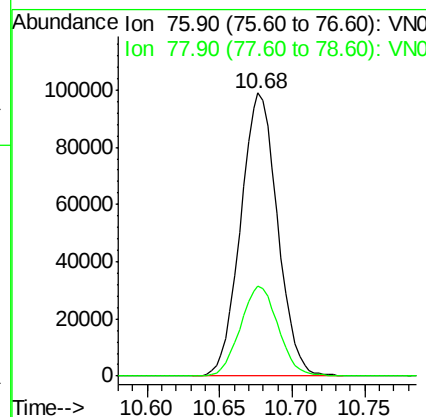
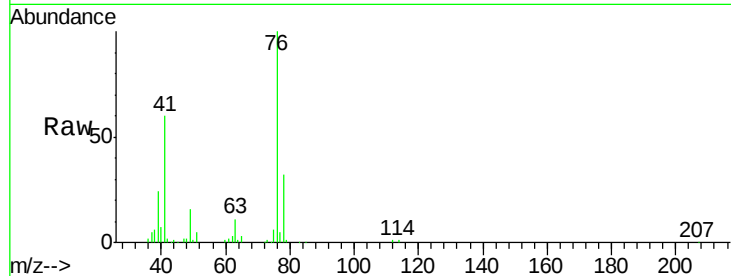
78 32.6 25.4 38.0

Manual Integrations

APPROVED

MMDadoda

8/10/2020 12:24:29 PM



#58

2-Chloroethyl Vinyl ether

Concen: 236.722 ug/l

RT: 9.66 min Scan# 2453

Delta R.T. -0.00 min

Lab File: VN062777.D

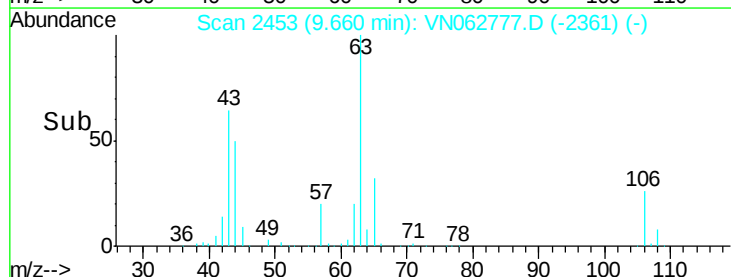
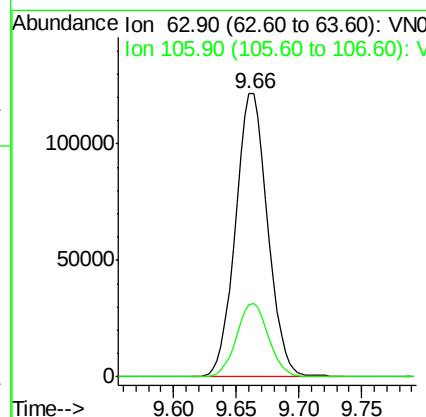
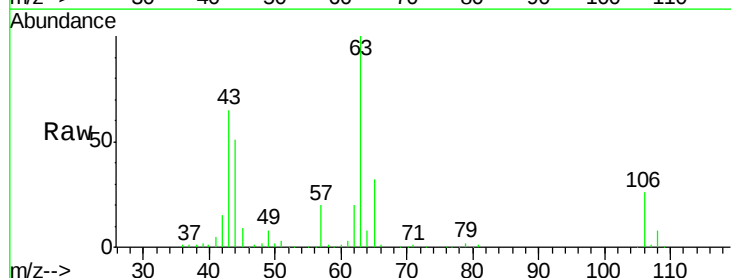
Acq: 7 Aug 2020 9:57

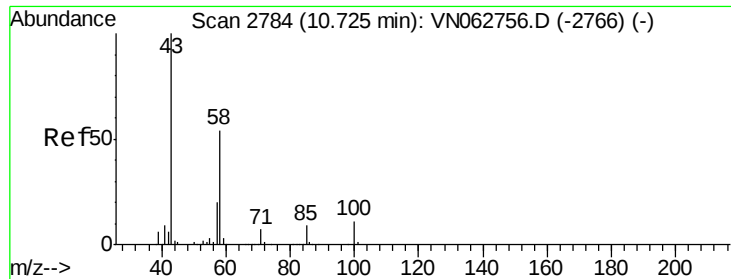
Tgt Ion: 63 Resp: 216426

Ion Ratio Lower Upper

63 100

106 25.9 20.9 31.3





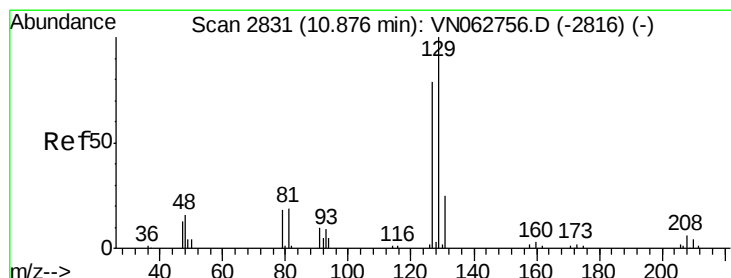
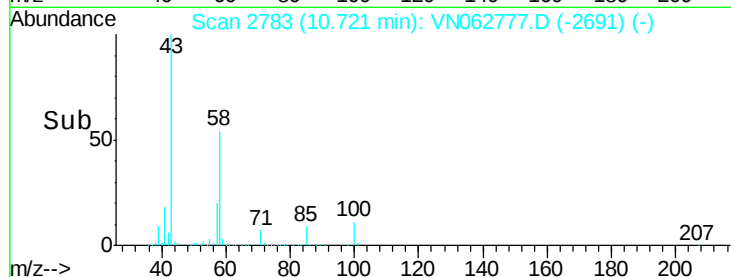
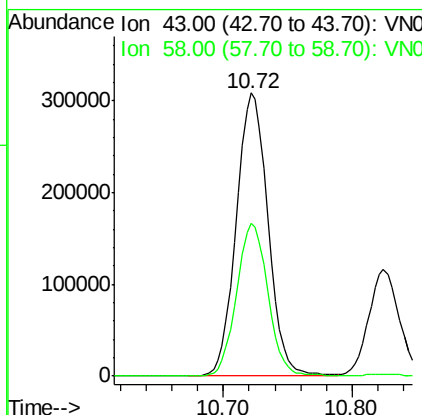
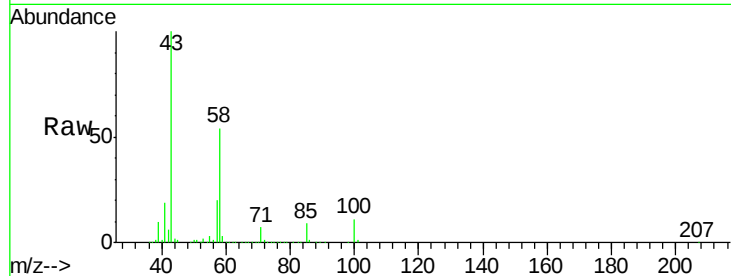
#59
2-Hexanone
Concen: 229.869 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	527881
Ion Ratio	100	Lower	Upper
43	100		
58	53.4	26.7	80.1

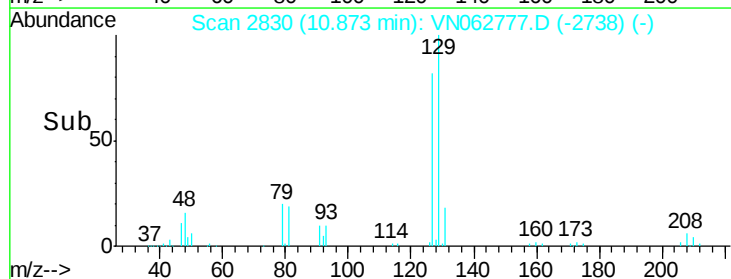
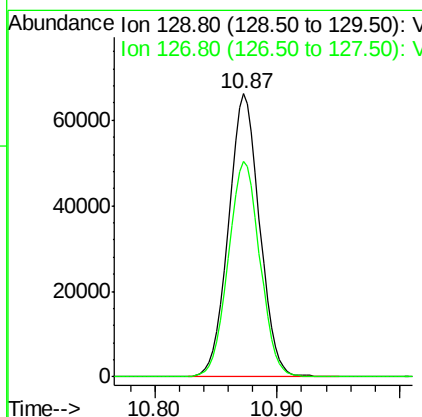
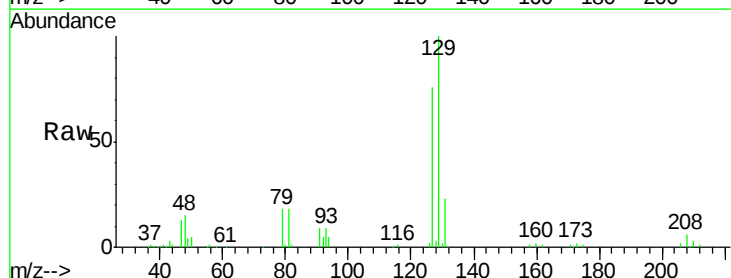
Manual Integrations
APPROVED

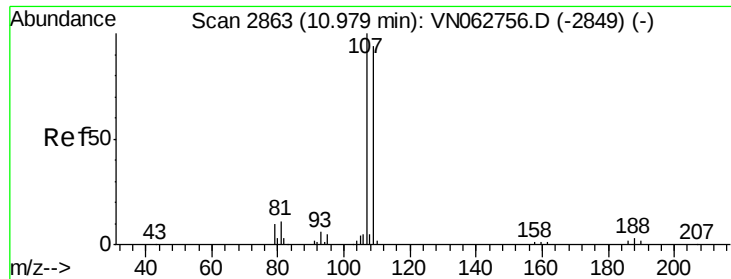
MMDadoda
8/10/2020 12:24:29 PM



#60
Dibromochloromethane
Concen: 47.959 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Tgt Ion	129	Resp	117605
Ion Ratio	100	Lower	Upper
129	100		
127	77.5	39.1	117.2





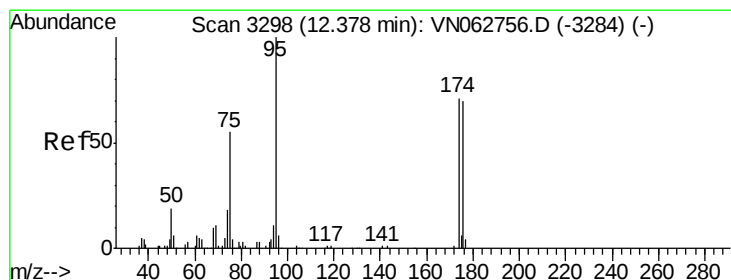
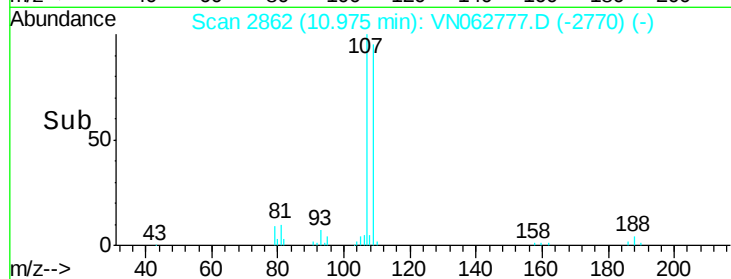
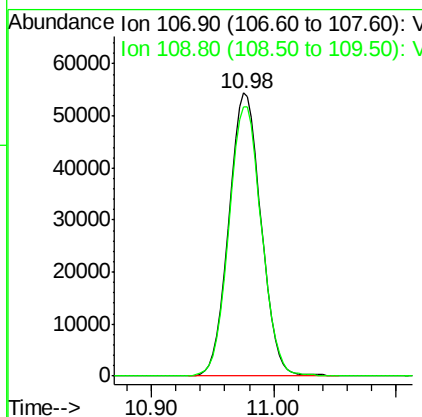
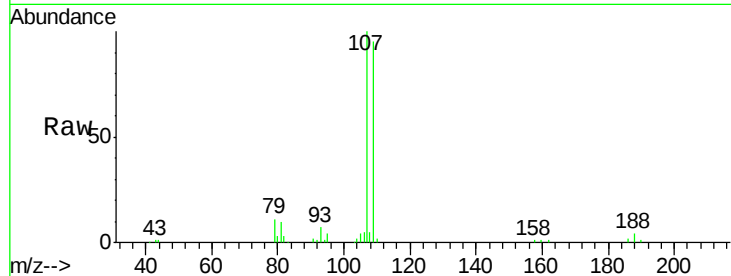
#61
 1,2-Dibromoethane
 Concen: 47.080 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062777.D
 Acq: 7 Aug 2020 9:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.8	76.1	114.1

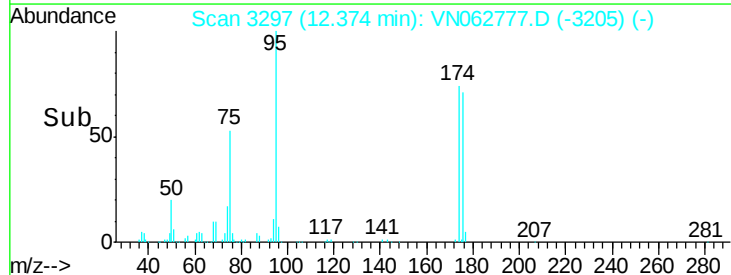
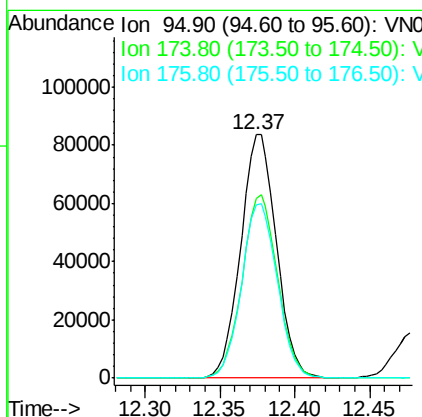
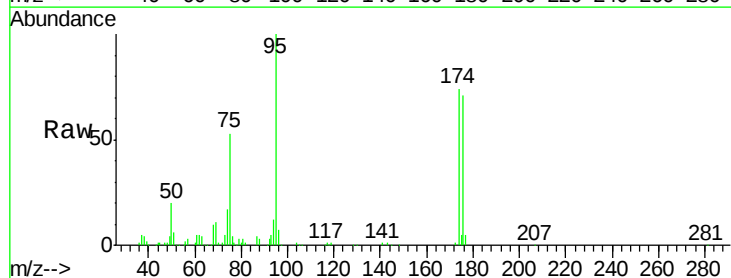
Manual Integrations
 APPROVED

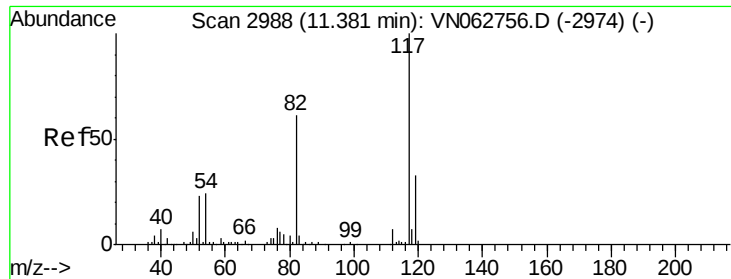
MMDadoda
 8/10/2020 12:24:29 PM



#62
 4-Bromofluorobenzene
 Concen: 49.120 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062777.D
 Acq: 7 Aug 2020 9:57

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.8	0.0	144.8
176	71.6	0.0	142.2





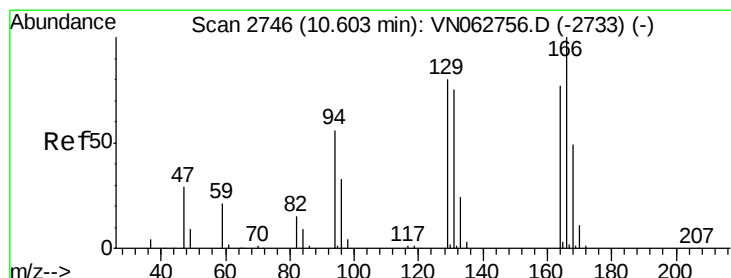
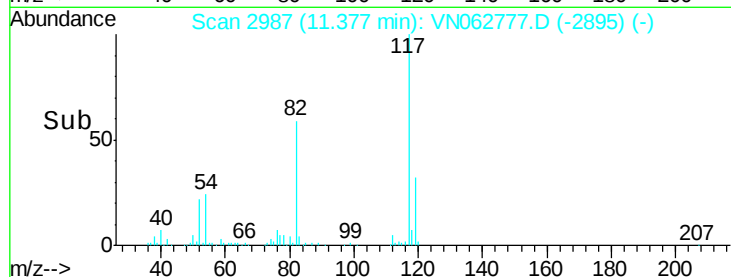
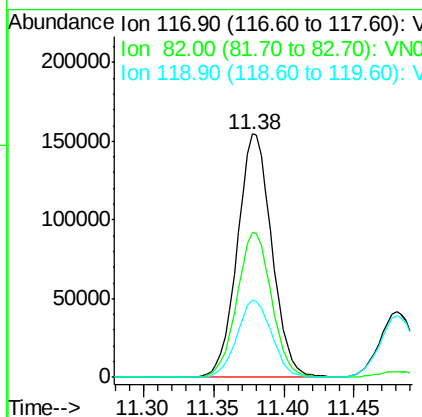
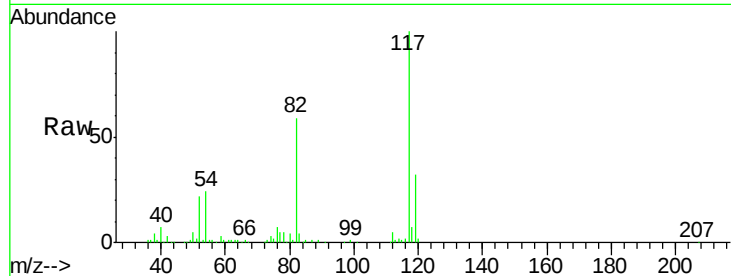
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	264676		
82	59.5		49.0	73.4
119	31.9		26.2	39.2

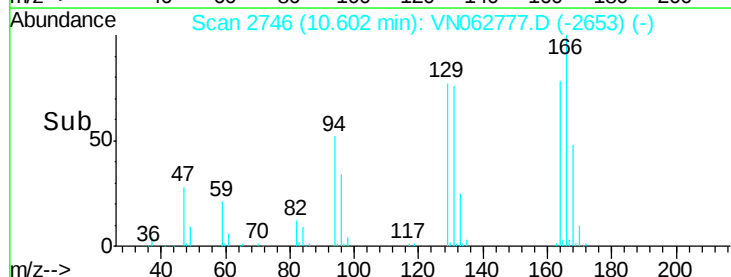
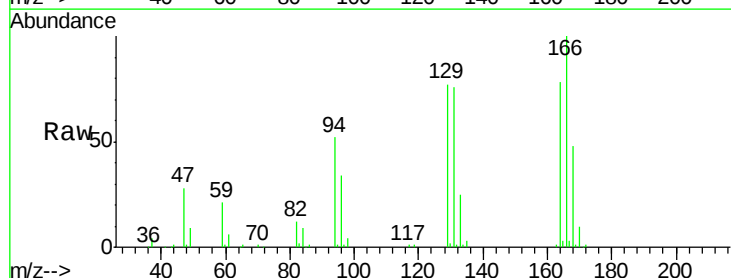
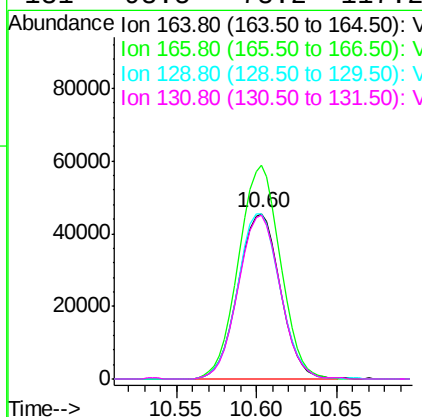
Manual Integrations
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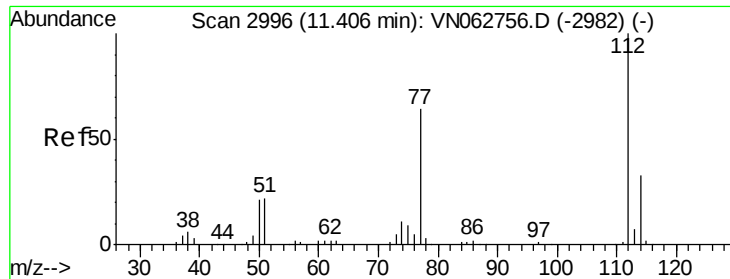
MMDadoda
8/10/2020 12:24:29 PM



#64
Tetrachloroethene
Concen: 47.864 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	81739		
166	128.9		103.8	155.8
129	99.8		82.7	124.1
131	98.5		78.2	117.2





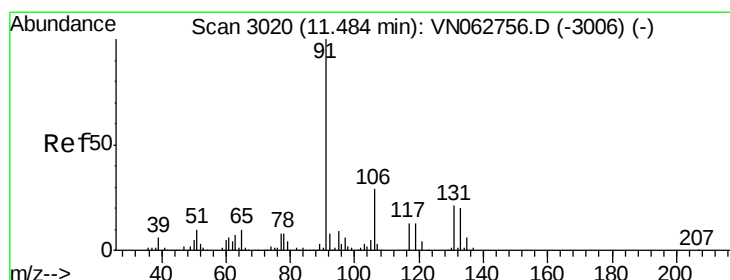
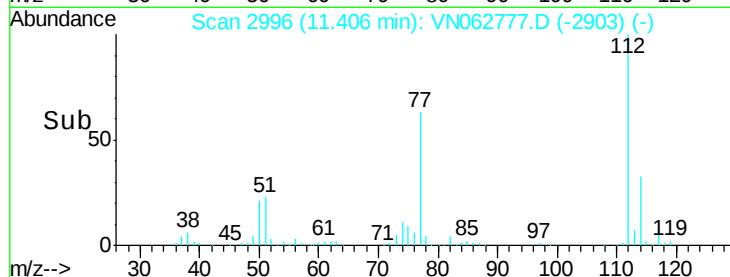
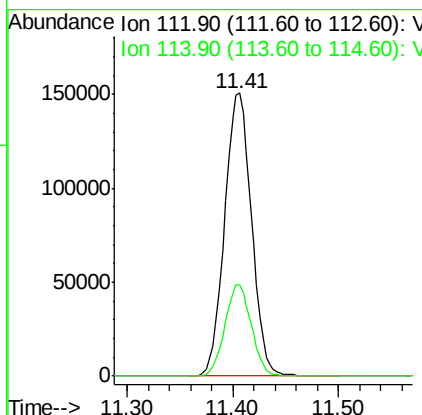
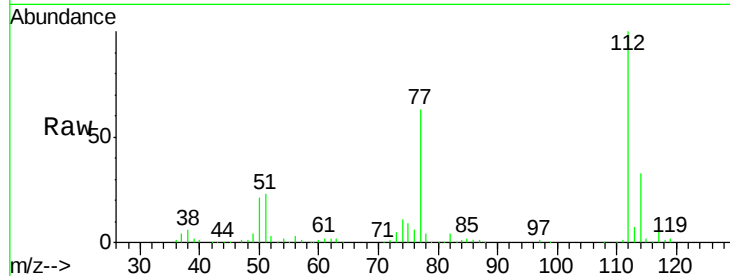
#65
Chlorobenzene
Concen: 47.978 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 265450
Ion Ratio Lower Upper
112 100
114 32.5 26.2 39.4

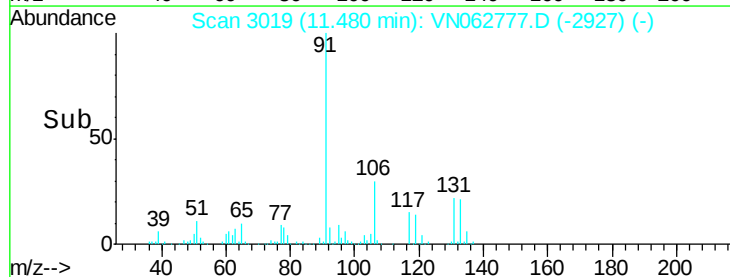
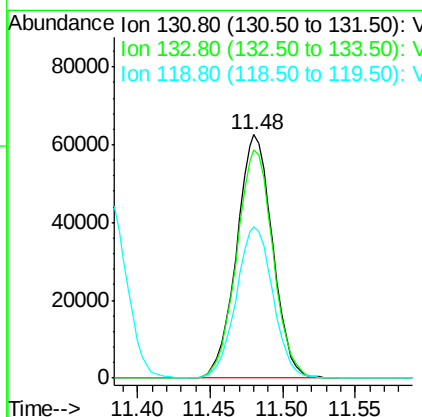
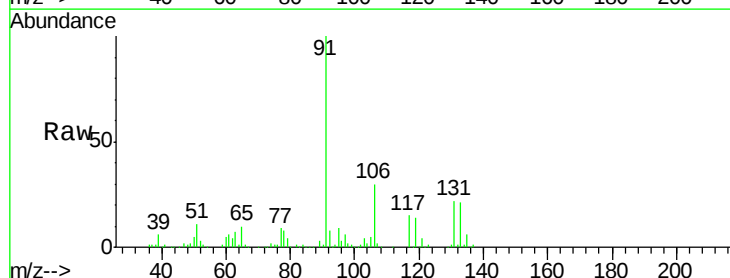
Manual Integrations
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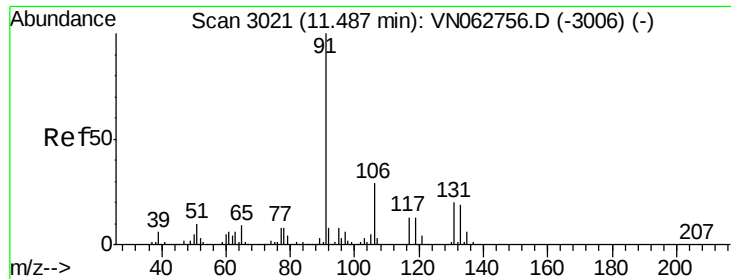
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.378 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Tgt Ion:131 Resp: 107487
Ion Ratio Lower Upper
131 100
133 95.1 48.6 145.8
119 63.5 32.2 96.6





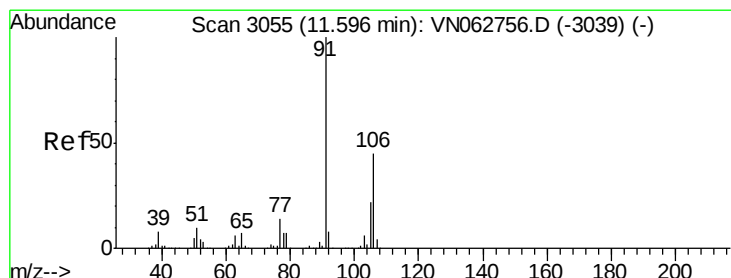
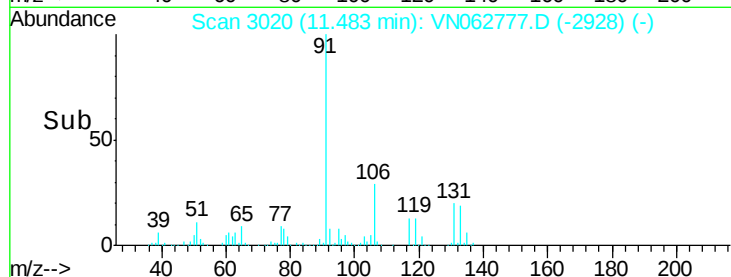
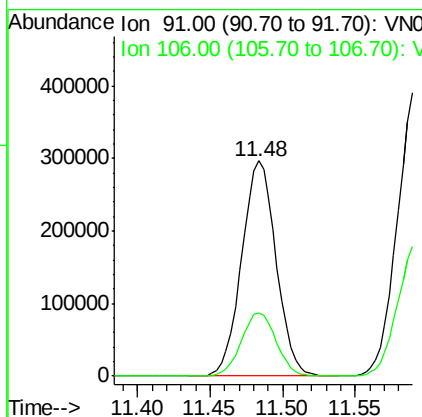
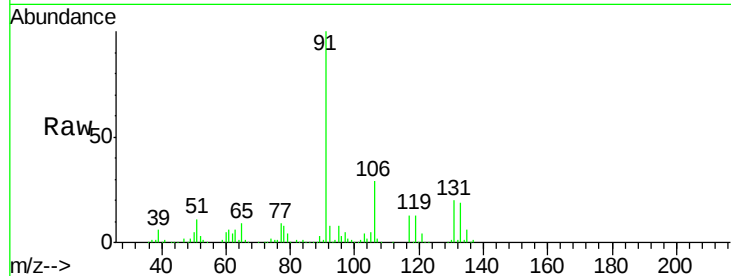
#67
Ethyl Benzene
Concen: 49.437 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	91	Resp	489468
Ion Ratio	Lower	Upper	
91	100		
106	29.5	23.2	34.8

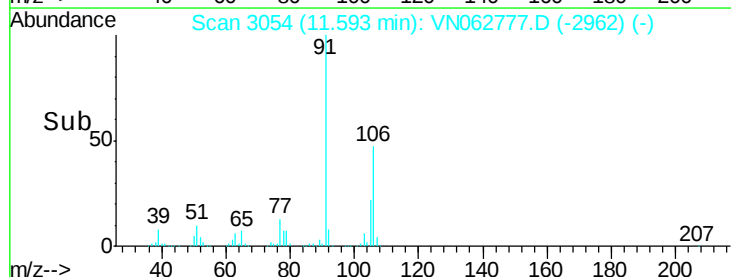
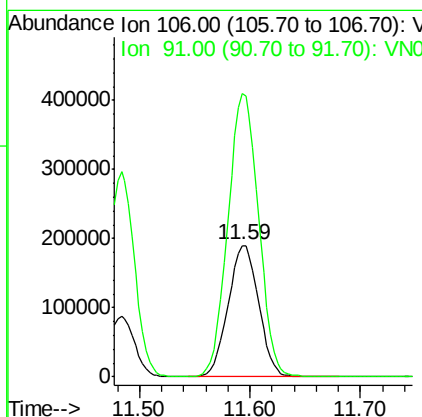
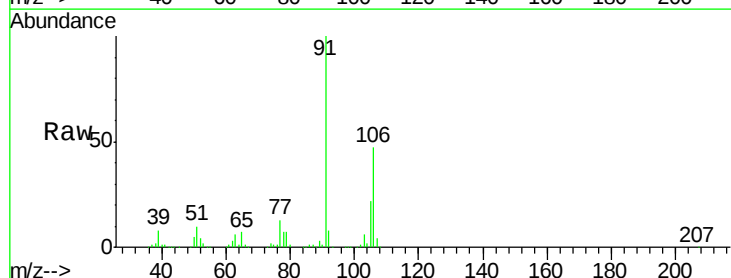
Manual Integrations
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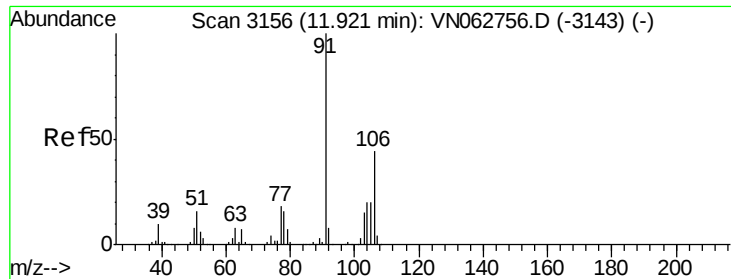
MMDadoda
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#68
m/p-Xylenes
Concen: 101.854 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Tgt Ion	106	Resp	366063
Ion Ratio	Lower	Upper	
106	100		
91	215.3	175.9	263.9





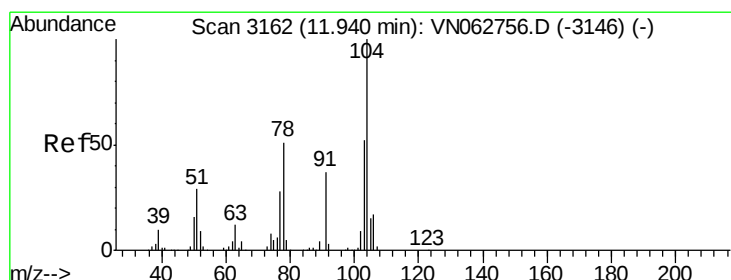
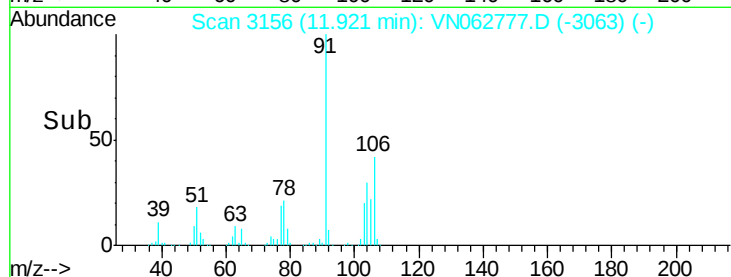
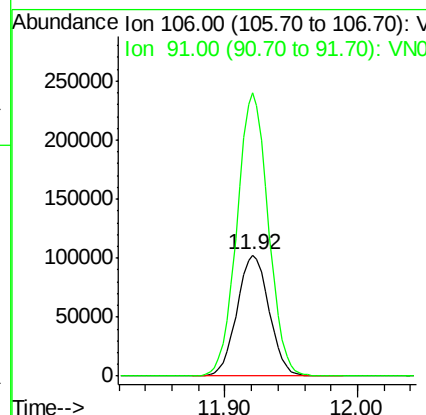
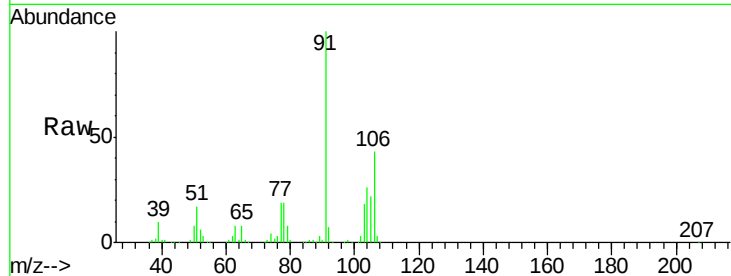
#69
o-Xylene
Concen: 51.223 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 172523
Ion Ratio Lower Upper
106 100
91 228.2 115.8 347.4

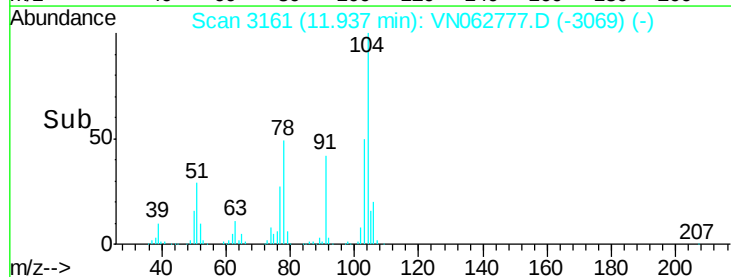
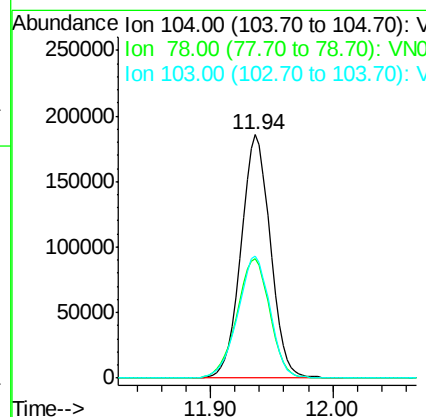
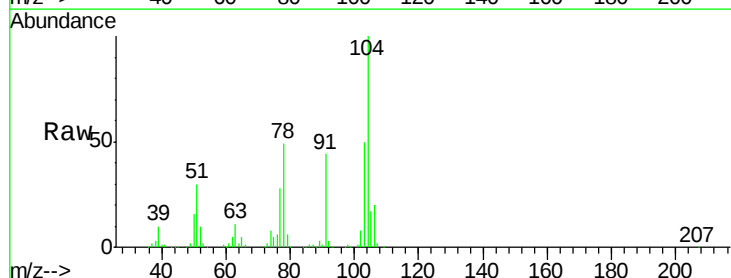
Manual Integrations
APPROVED

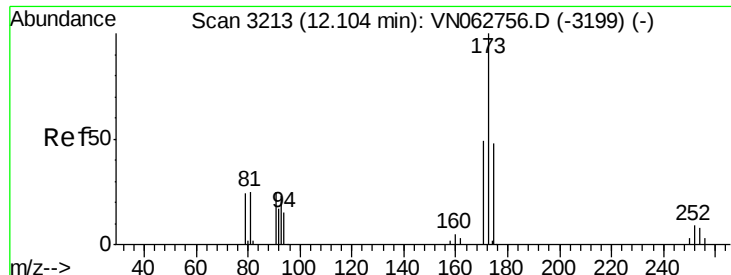
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#70
Styrene
Concen: 52.112 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Tgt Ion:104 Resp: 308512
Ion Ratio Lower Upper
104 100
78 55.6 45.9 68.9
103 55.4 45.1 67.7





#71

Bromoform

Concen: 46.112 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 83826

Ion Ratio Lower Upper

173 100

175 47.3 24.0 72.0

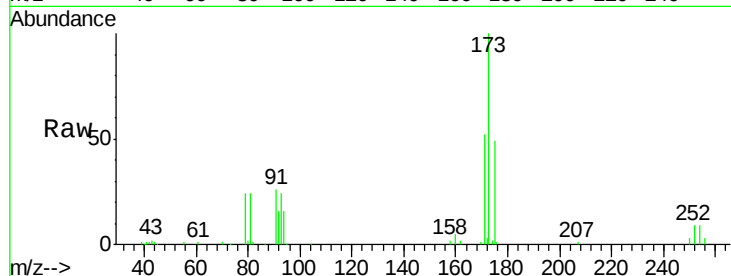
254 0.0 0.0 0.0

Manual Integrations

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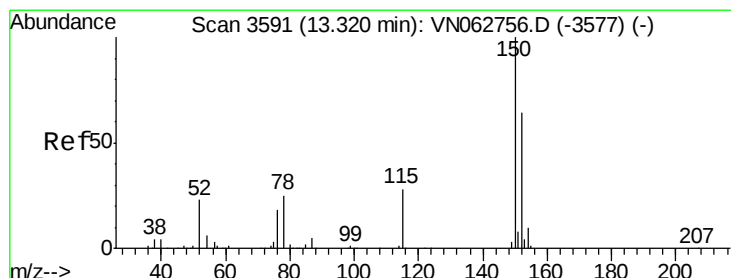
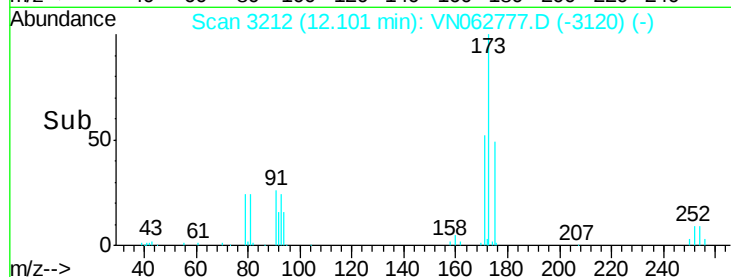
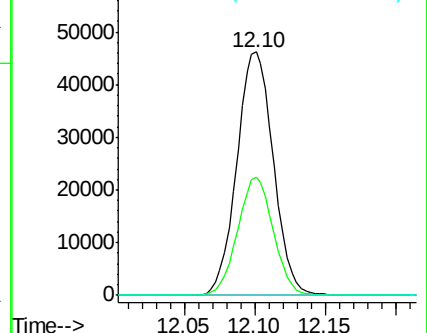
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

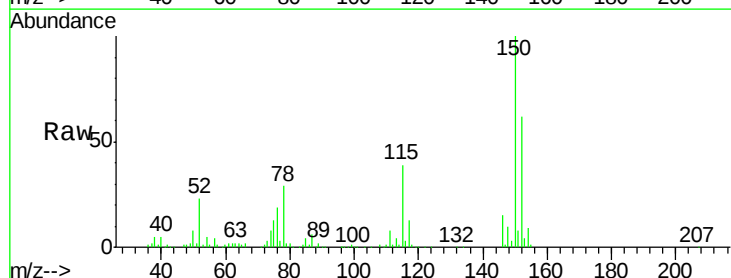
Tgt Ion:152 Resp: 130813

Ion Ratio Lower Upper

152 100

115 63.3 31.6 94.8

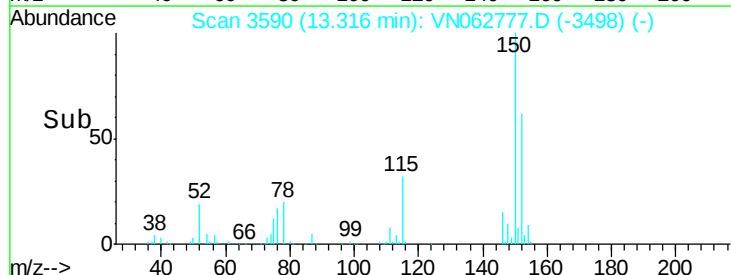
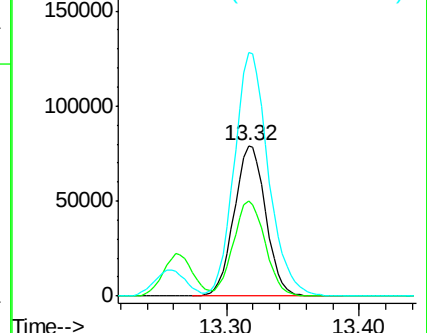
150 173.8 0.0 349.2

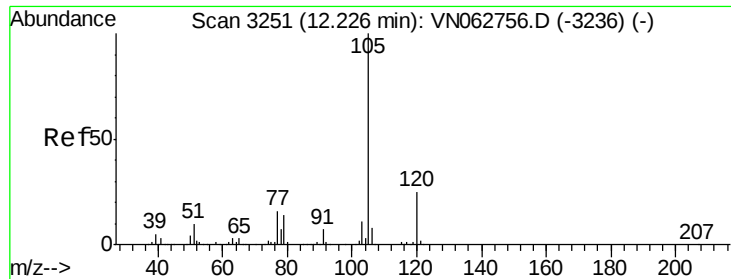


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.323 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 485842

Ion Ratio Lower Upper

105 100

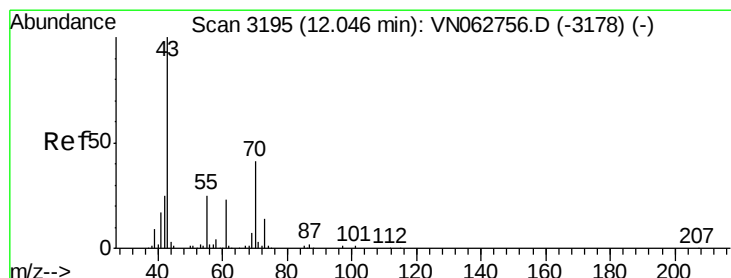
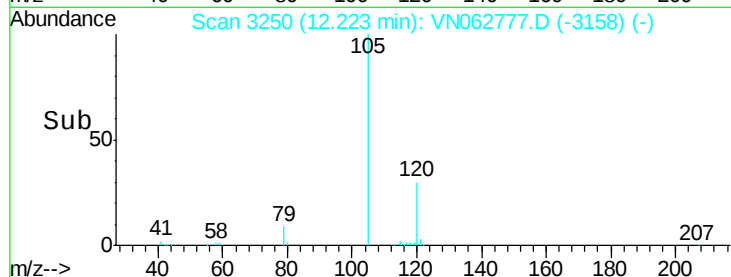
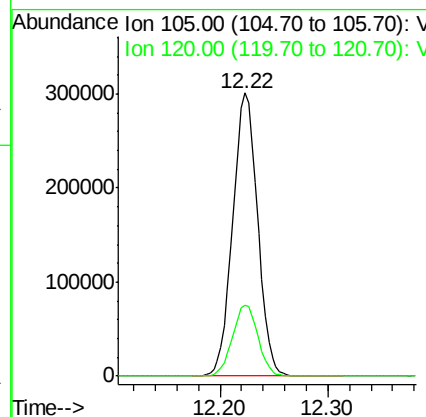
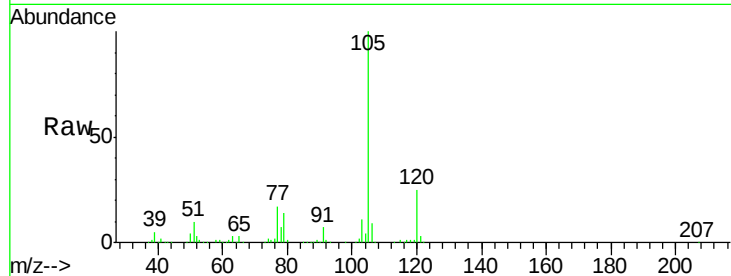
120 25.7 12.6 37.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 48.555 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Tgt Ion: 43 Resp: 193819

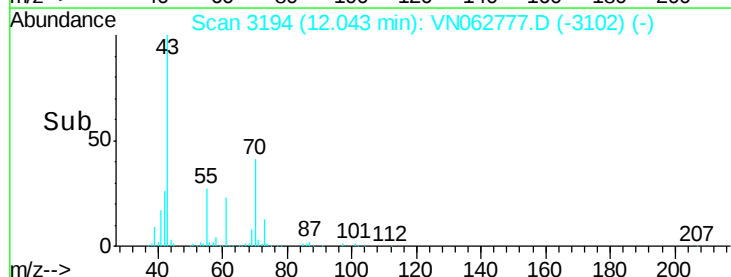
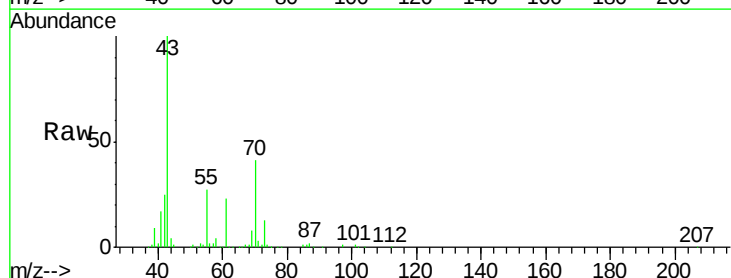
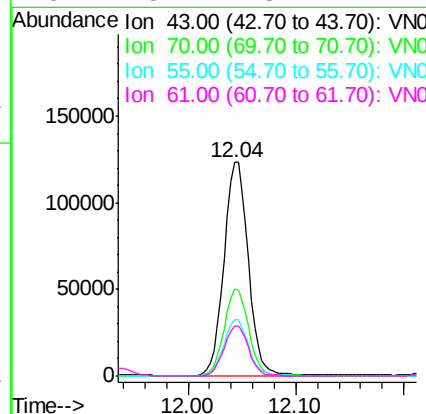
Ion Ratio Lower Upper

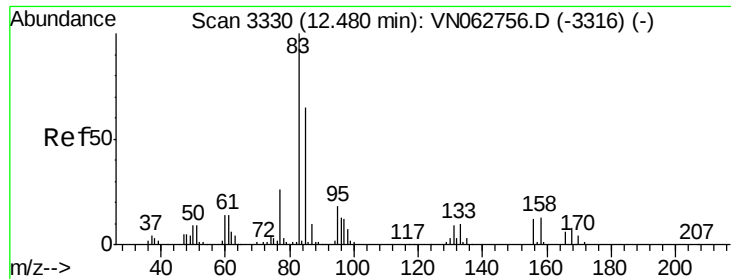
43 100

70 40.7 32.3 48.5

55 26.8 20.2 30.2

61 23.7 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 44.809 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Instrument :

MSVOA_N

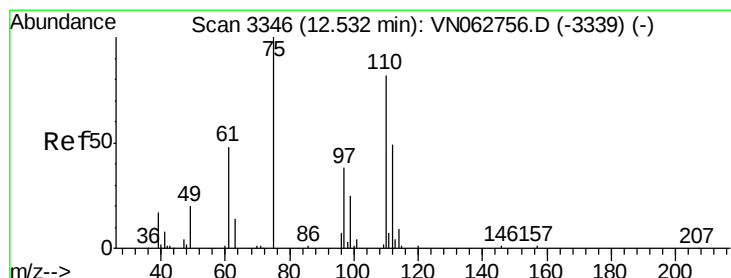
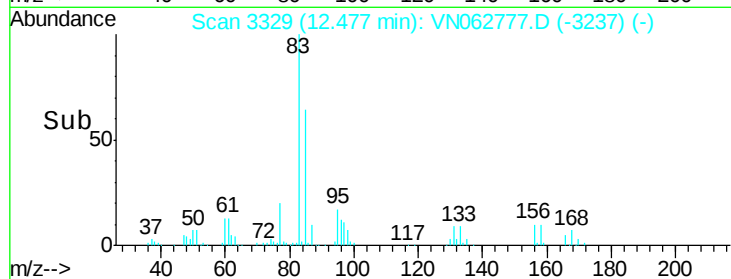
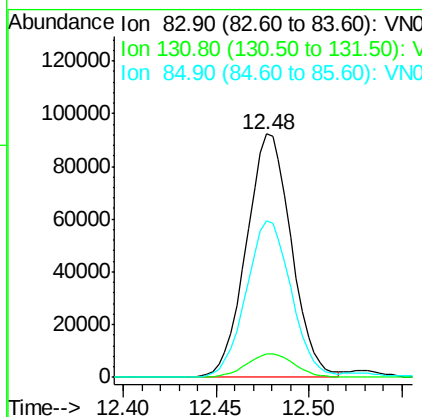
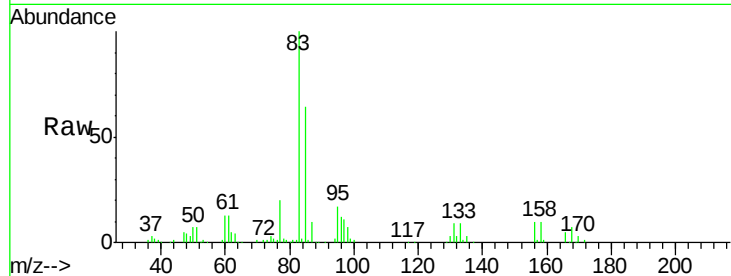
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	155375
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.1	15.4
85	64.4	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 42.521 ug/l m

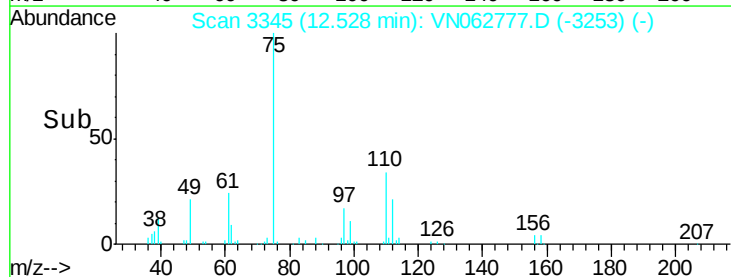
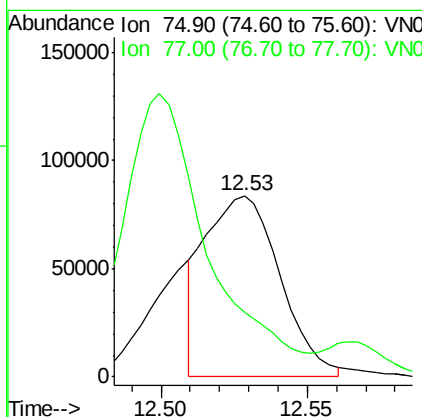
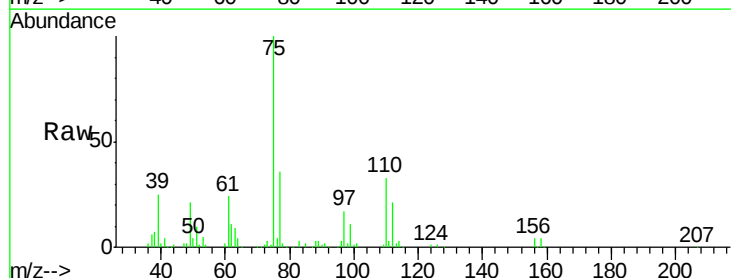
RT: 12.53 min Scan# 3345

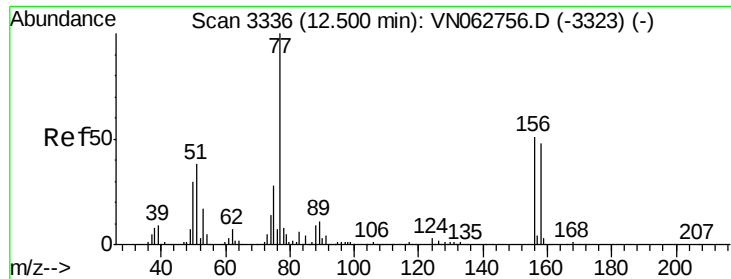
Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Tgt Ion:	75	Resp:	150008
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 47.389 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Instrument :

MSVOA_N

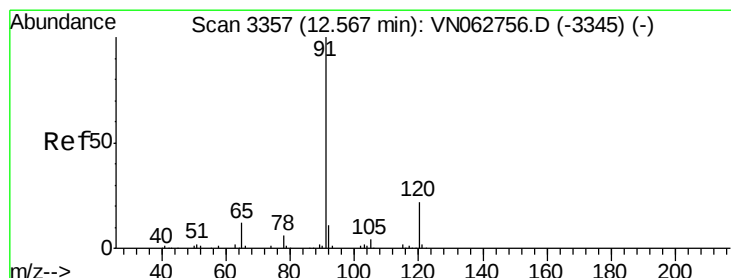
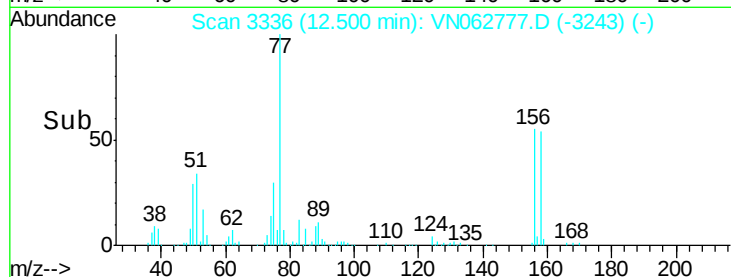
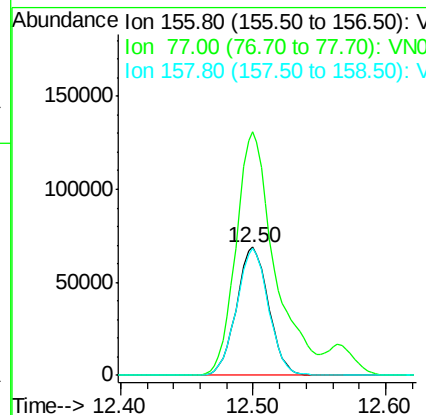
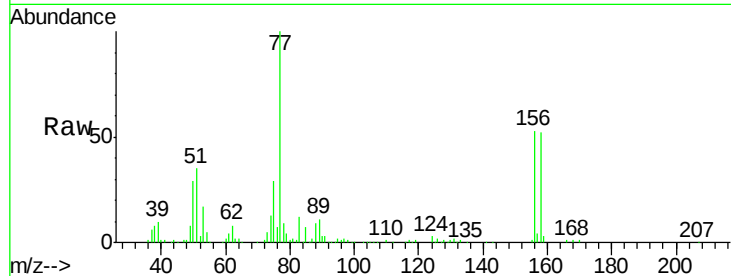
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	229.4	119.7	359.1
158	98.1	48.1	144.3

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#78

n-propylbenzene

Concen: 50.596 ug/l

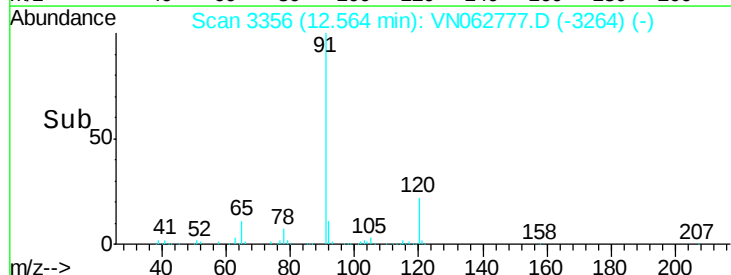
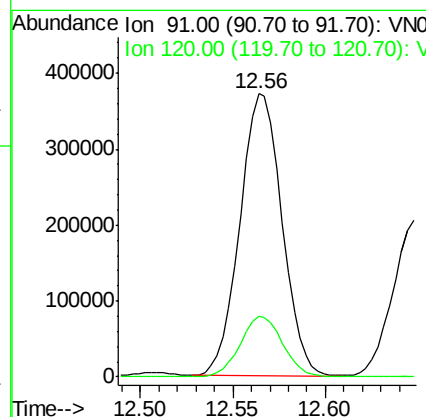
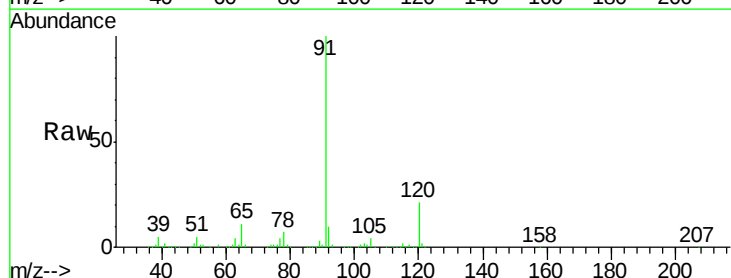
RT: 12.56 min Scan# 3356

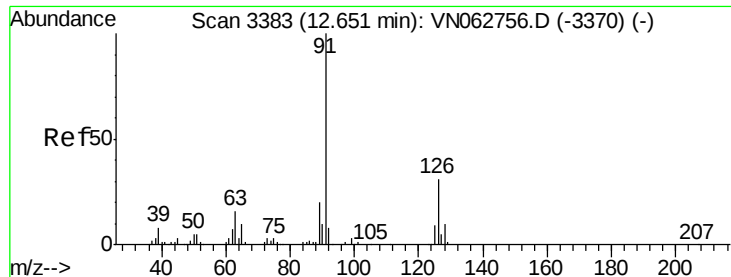
Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.7	10.9	32.9





#79

2-Chlorotoluene

Concen: 47.265 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 342709

Ion Ratio Lower Upper

91 100

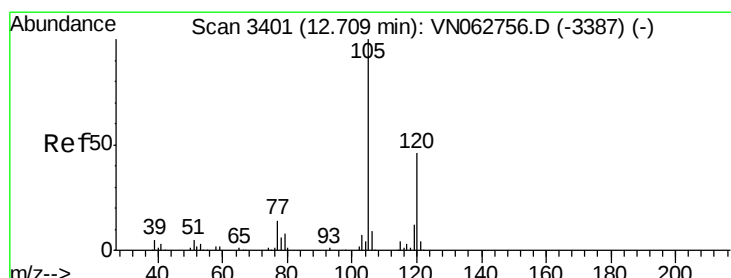
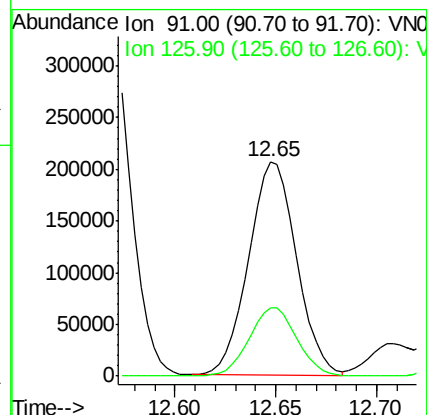
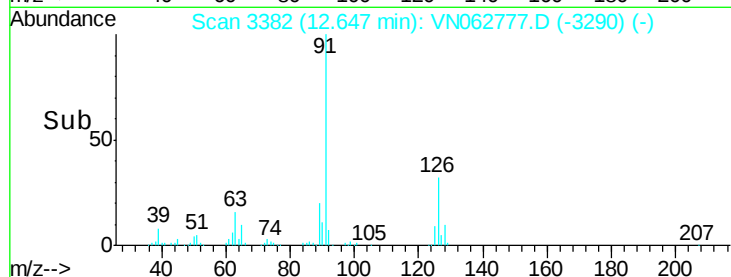
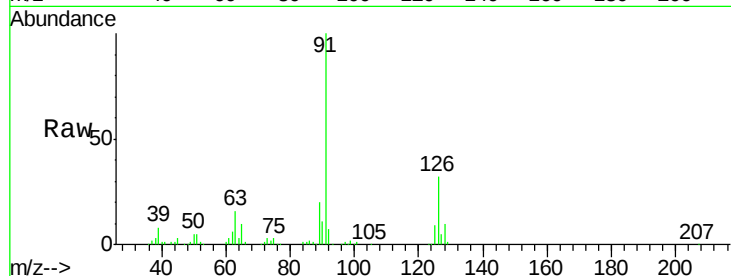
126 32.2 15.6 46.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 50.165 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062777.D

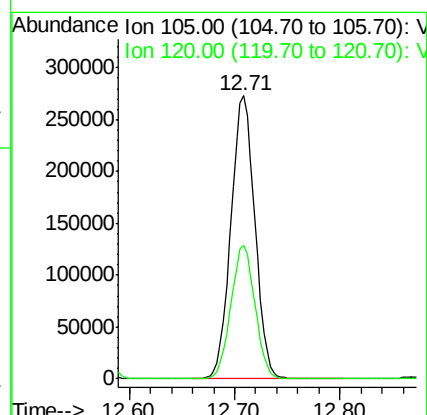
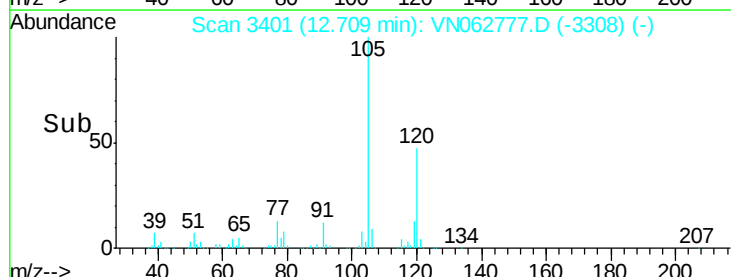
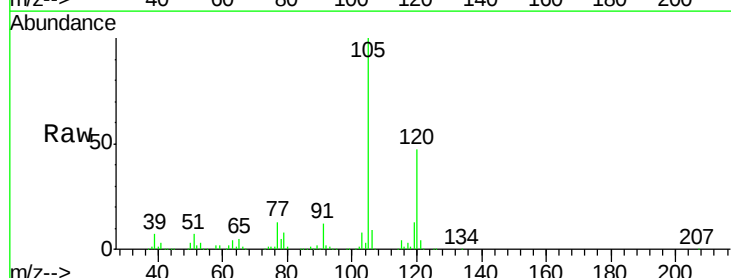
Acq: 7 Aug 2020 9:57

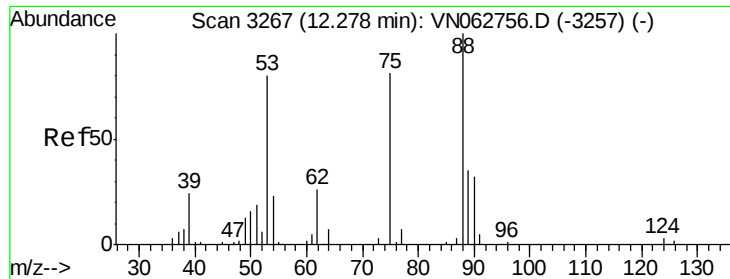
Tgt Ion: 105 Resp: 428682

Ion Ratio Lower Upper

105 100

120 47.3 22.9 68.5





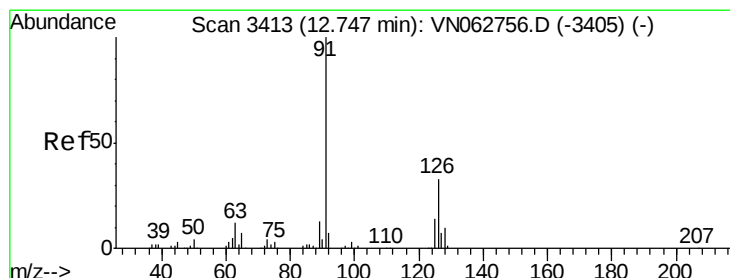
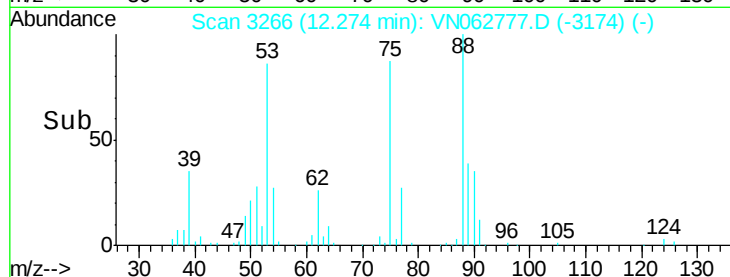
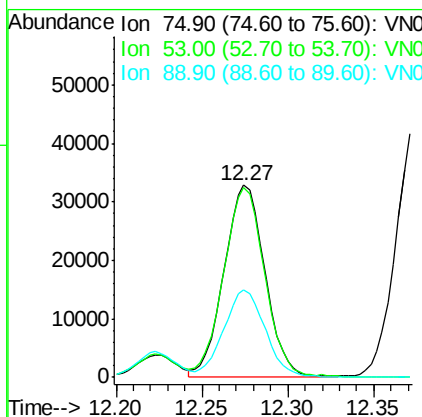
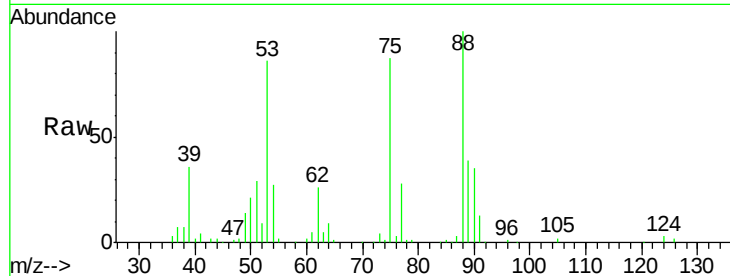
#81
trans-1,4-Dichloro-2-butene
Concen: 47.053 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.1	79.1	118.7
89	46.4	36.2	54.2

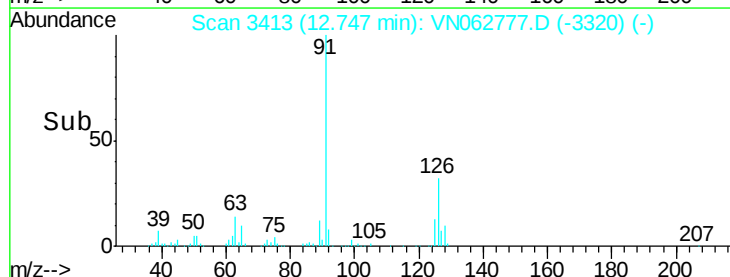
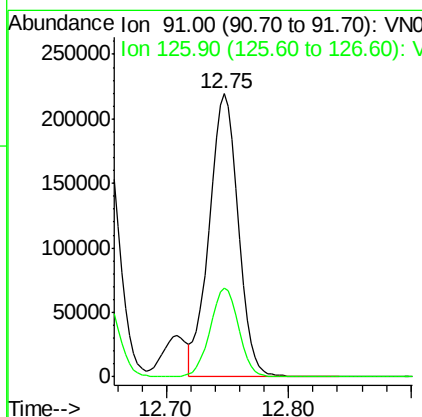
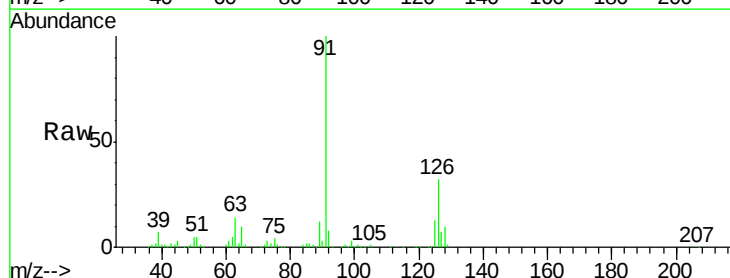
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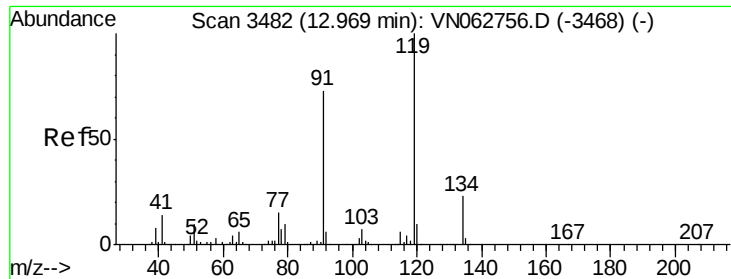
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#82
4-Chlorotoluene
Concen: 48.881 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.3	45.9





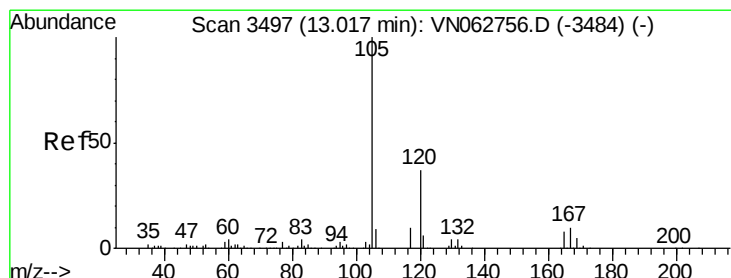
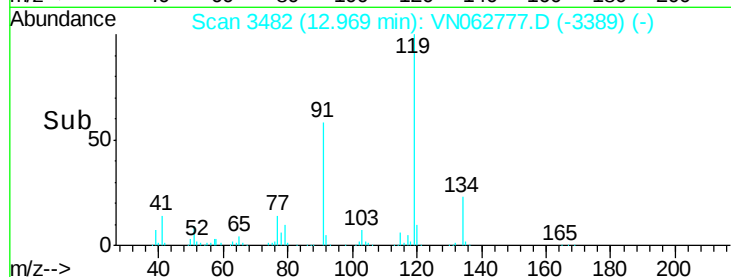
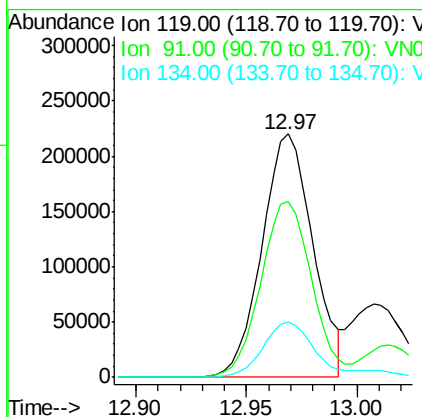
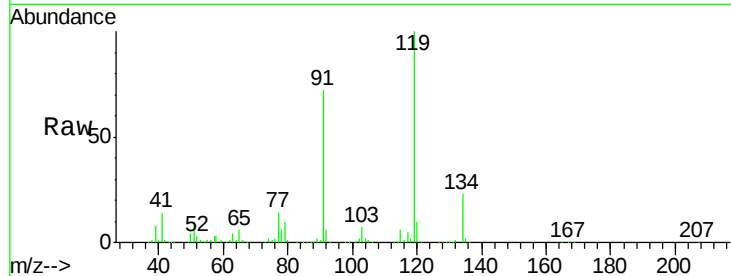
#83
tert-Butylbenzene
Concen: 48.558 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	72.0	36.5	109.5
134	22.8	11.3	33.8

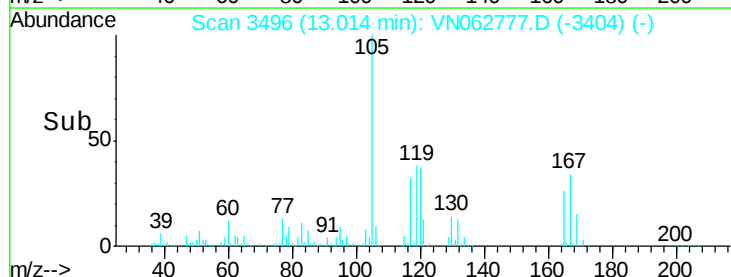
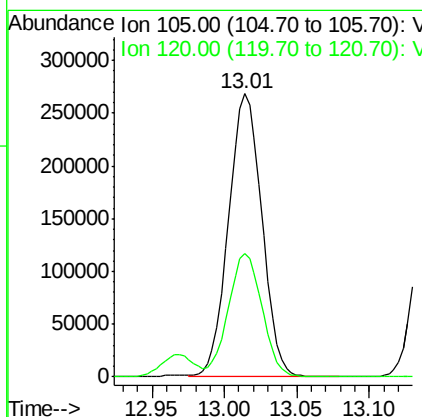
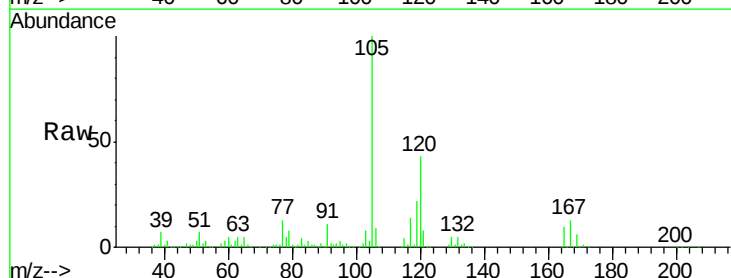
Manual Integrations
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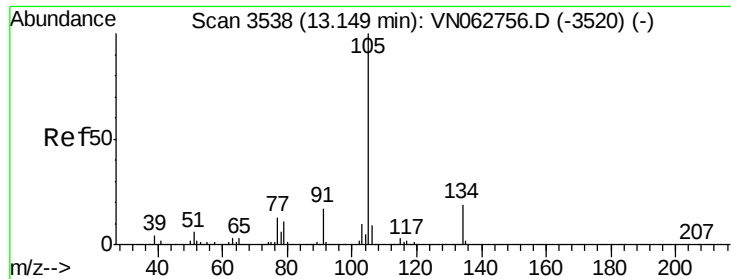
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#84
1,2,4-Trimethylbenzene
Concen: 52.185 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.0	21.4	64.2





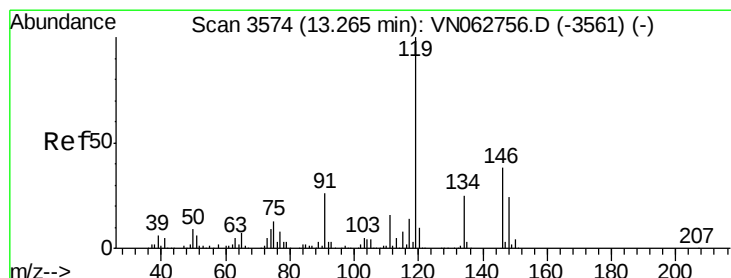
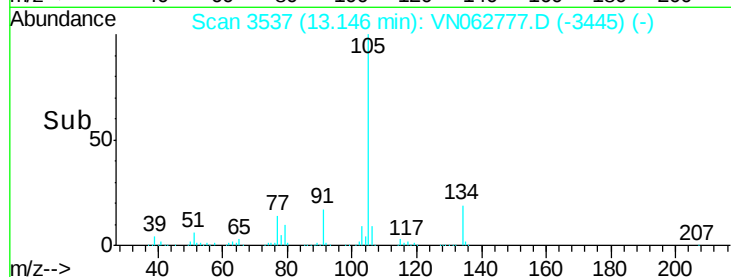
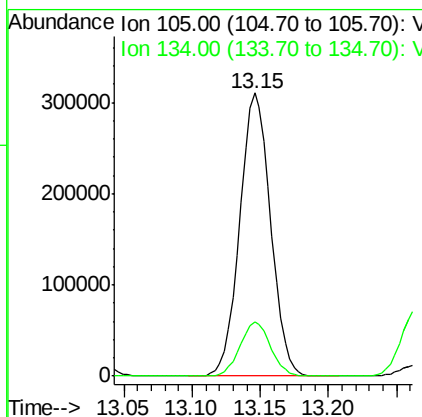
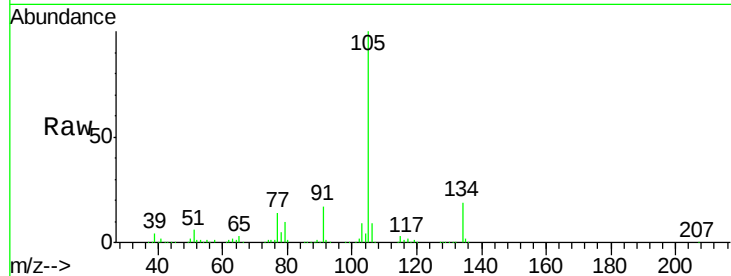
#85
 sec-Butylbenzene
 Concen: 51.096 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062777.D
 Acq: 7 Aug 2020 9:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
105	100	485189		
134	19.1	9.6	28.6	

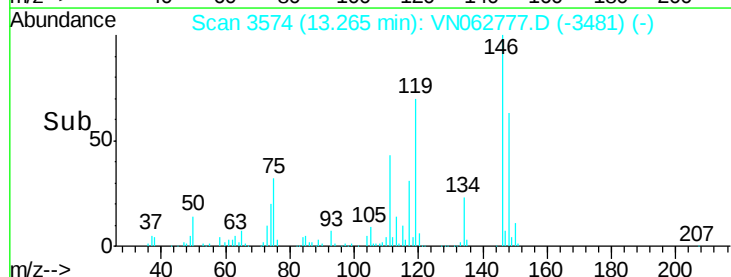
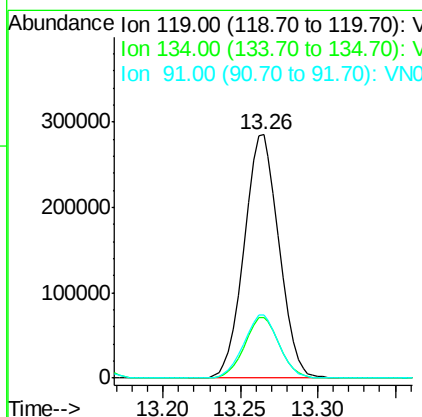
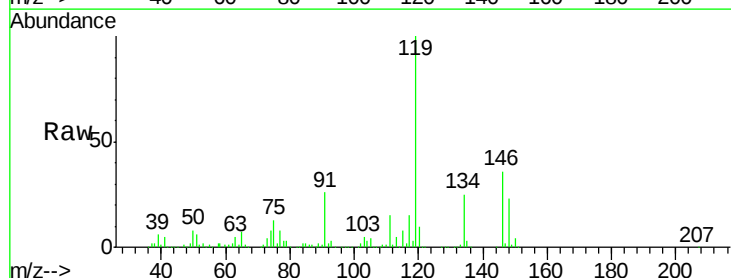
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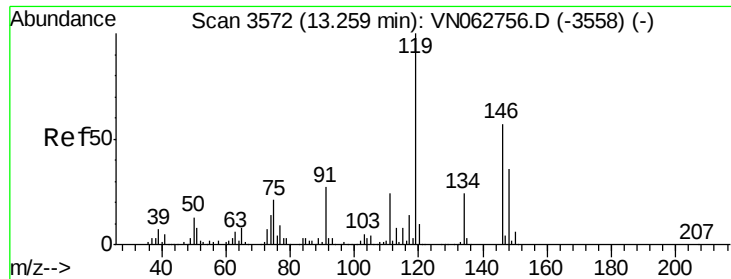
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#86
 p-Isopropyltoluene
 Concen: 52.839 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062777.D
 Acq: 7 Aug 2020 9:57

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	445365		
134	25.0	12.6	37.8	
91	26.3	13.4	40.2	





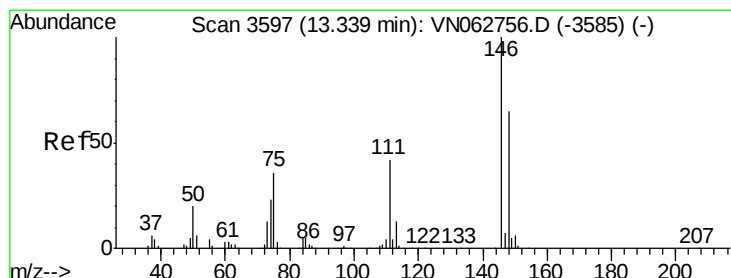
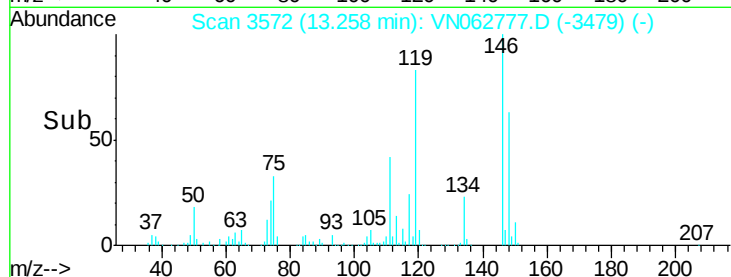
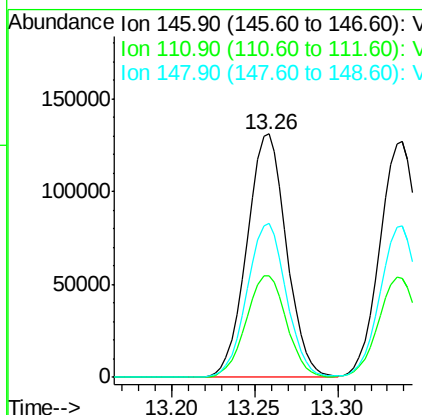
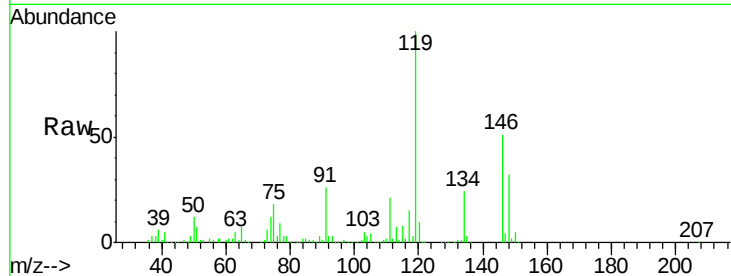
#87
 1,3-Dichlorobenzene
 Concen: 49.567 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062777.D
 Acq: 7 Aug 2020 9:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	216722		
111	42.8	21.7	65.1	
148	63.1	31.4	94.2	

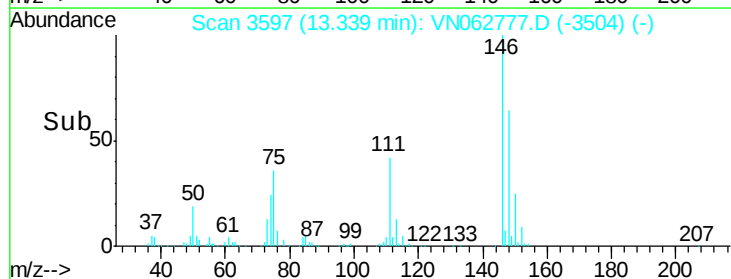
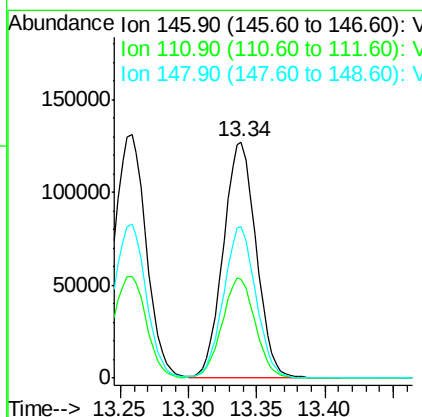
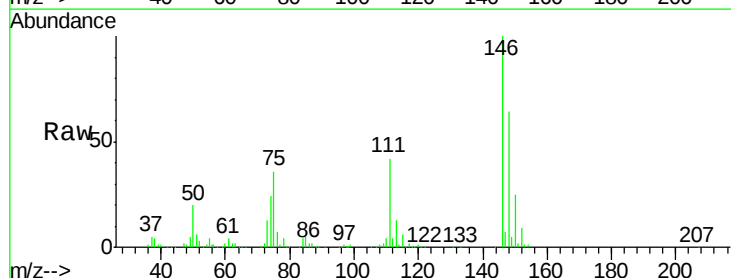
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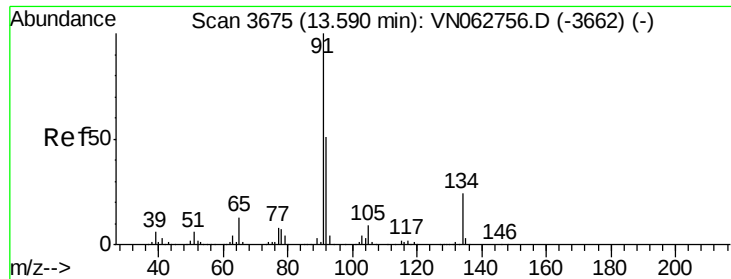
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#88
 1,4-Dichlorobenzene
 Concen: 48.513 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062777.D
 Acq: 7 Aug 2020 9:57

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	212748		
111	42.6	21.6	64.6	
148	62.9	32.6	97.8	





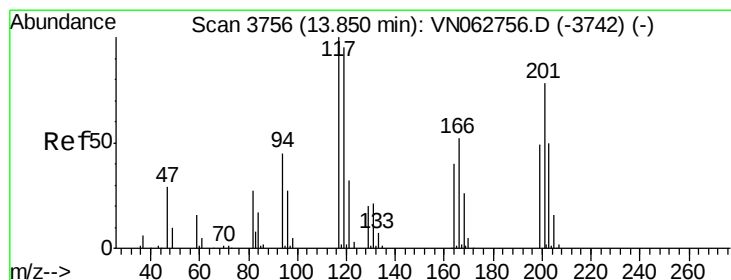
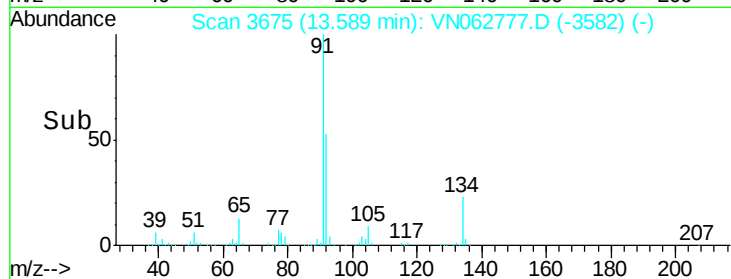
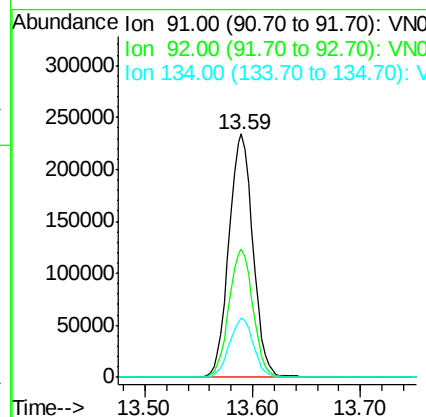
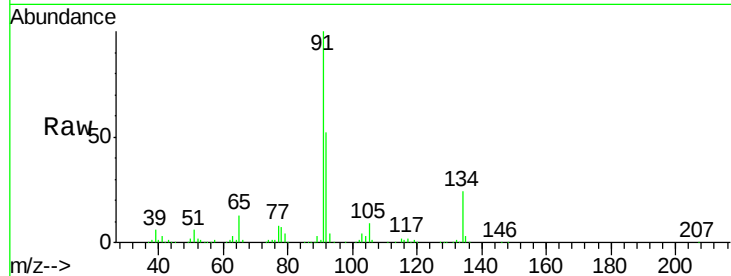
#89
n-Butylbenzene
Concen: 51.154 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	25.7	77.0
134	24.2	12.2	36.6

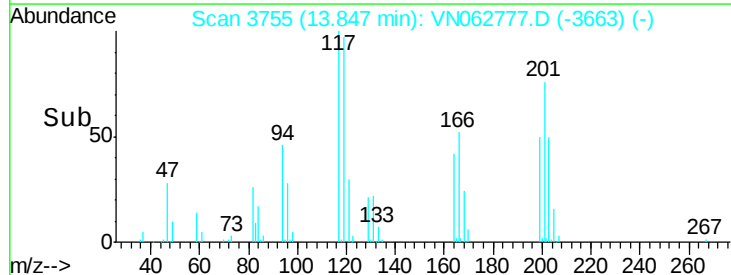
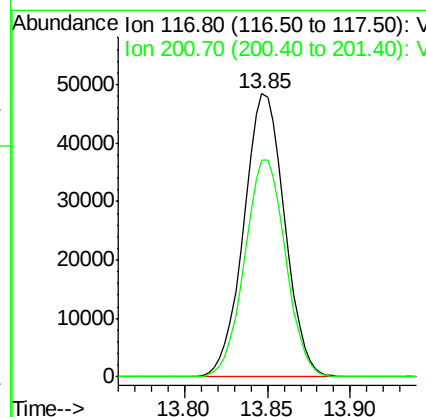
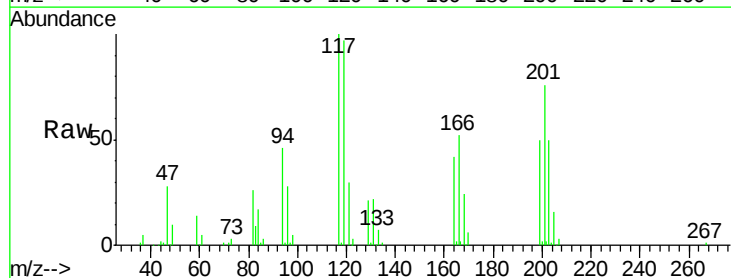
Manual Integrations
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#90
Hexachloroethane
Concen: 45.730 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062777.D
Acq: 7 Aug 2020 9:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.6	39.2	117.6





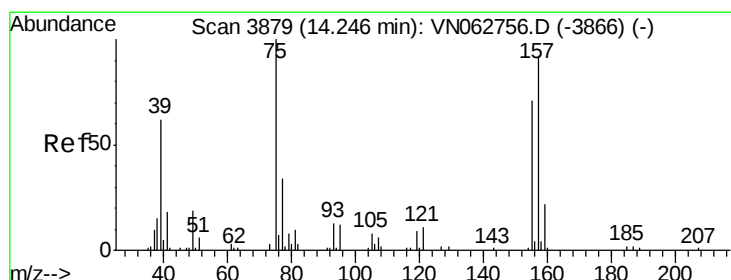
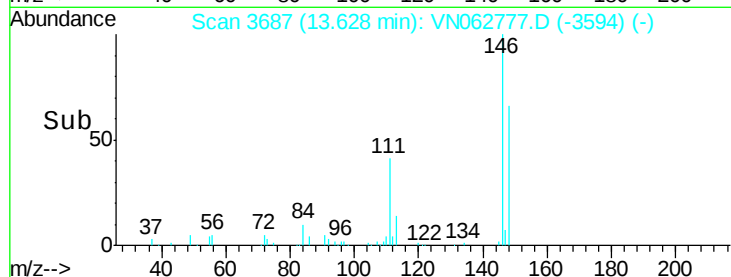
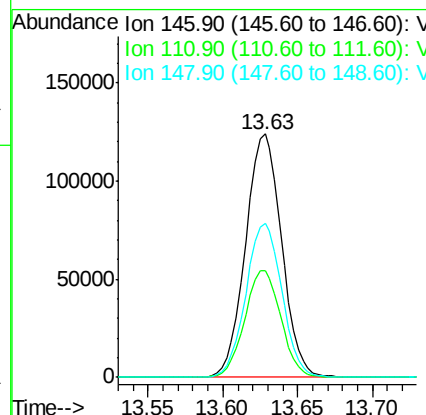
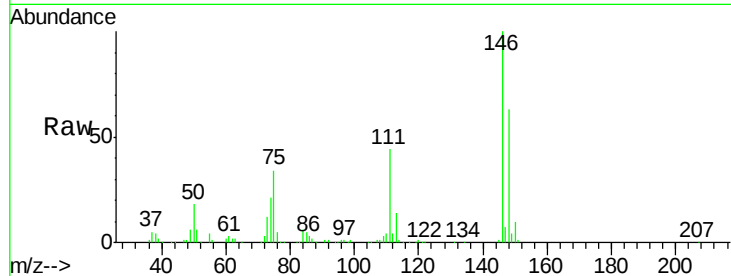
#91
 1,2-Dichlorobenzene
 Concen: 50.919 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062777.D
 Acq: 7 Aug 2020 9:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	146	Resp:	208724
Ion Ratio	Lower	Upper	
146	100		
111	44.0	22.8	68.4
148	63.2	31.9	95.5

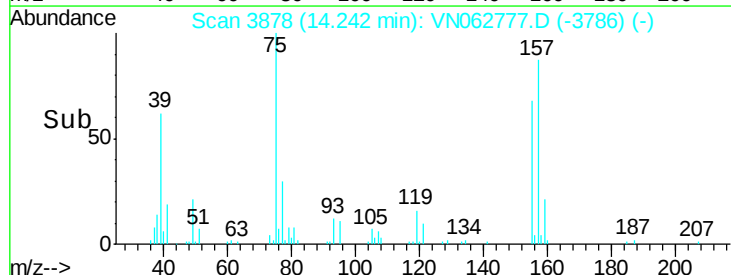
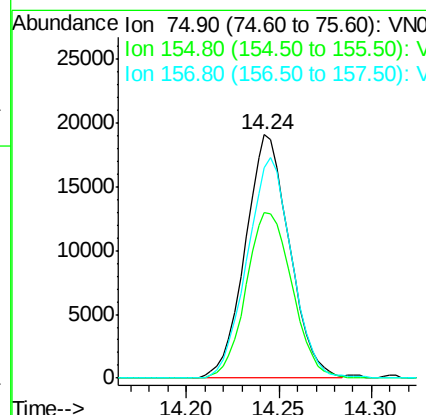
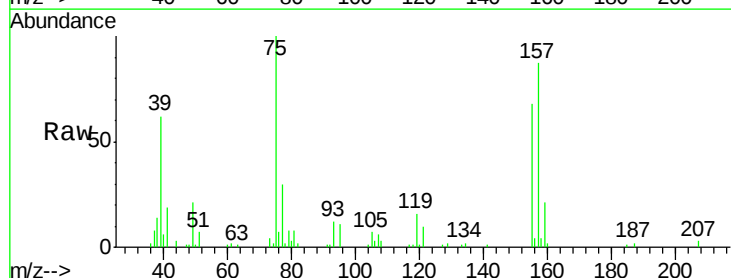
Manual Integrations
 APPROVED

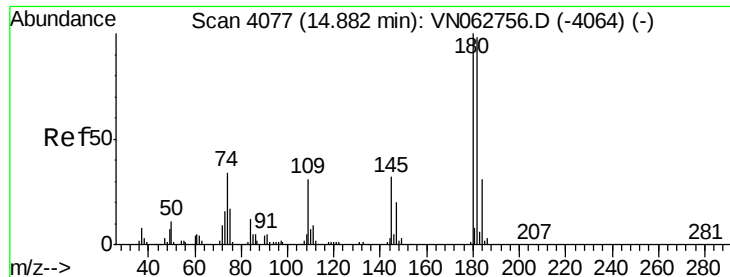
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.337 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062777.D
 Acq: 7 Aug 2020 9:57

Tgt Ion:	75	Resp:	31517
Ion Ratio	Lower	Upper	
75	100		
155	70.8	35.0	105.1
157	91.4	43.2	129.6





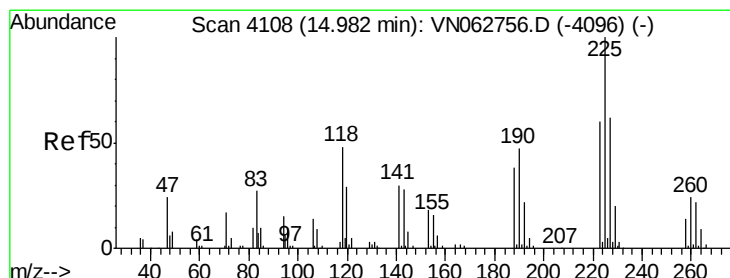
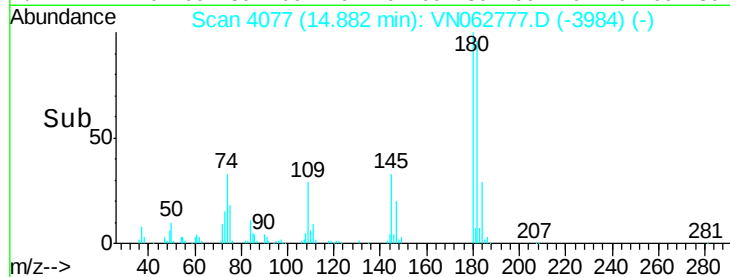
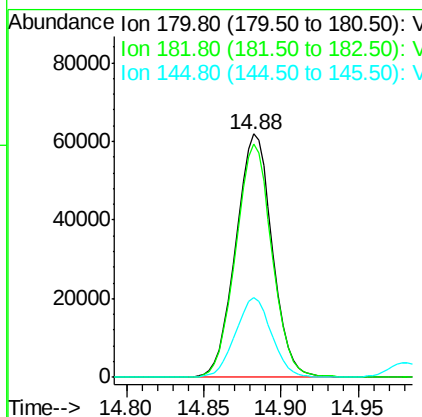
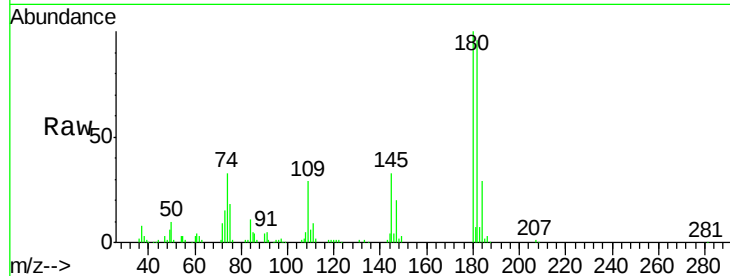
#93
 1,2,4-Trichlorobenzene
 Concen: 46.173 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062777.D
 Acq: 7 Aug 2020 9:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.6	49.1	147.4	
145	32.6	16.3	48.8	

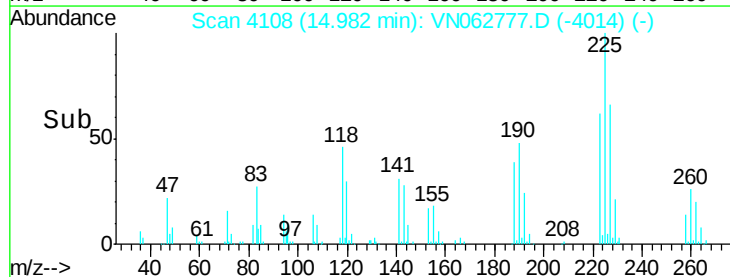
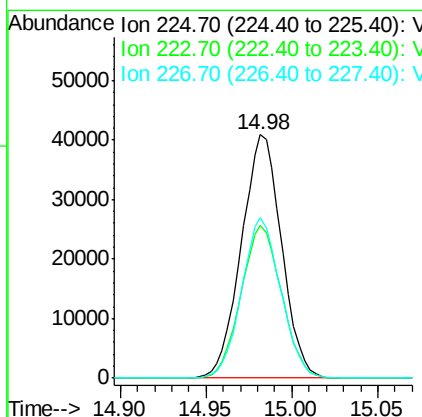
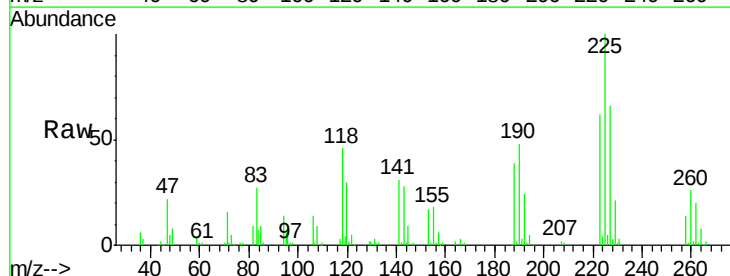
Manual Integrations
 APPROVED

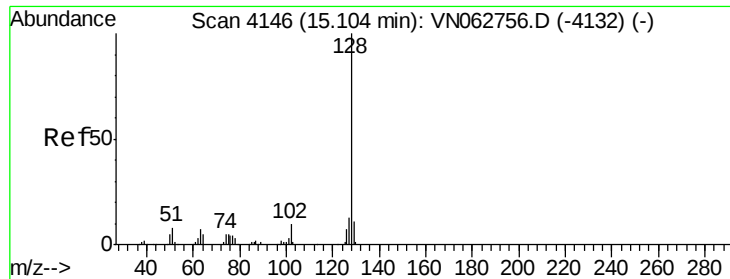
MMDadoda
 8/10/2020 12:24:29 PM



#94
 Hexachlorobutadiene
 Concen: 51.327 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062777.D
 Acq: 7 Aug 2020 9:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.0	30.6	92.0	
227	64.0	31.6	95.0	





#95

Naphthalene

Concen: 41.527 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Instrument :

MSVOA_N

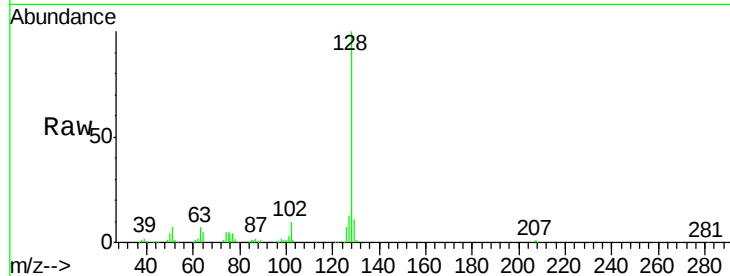
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	245642
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.8	16.2
129	10.5	8.8	13.2

Manual Integrations
APPROVED

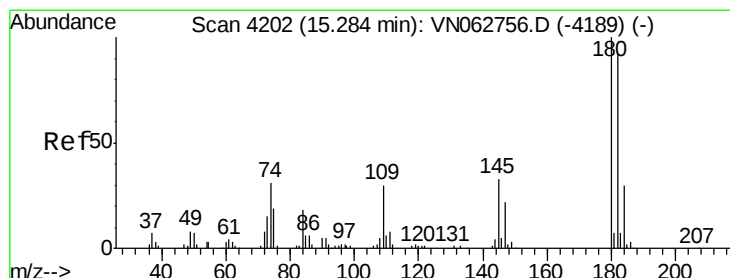
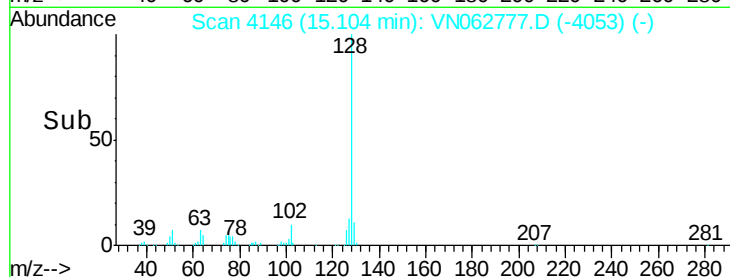
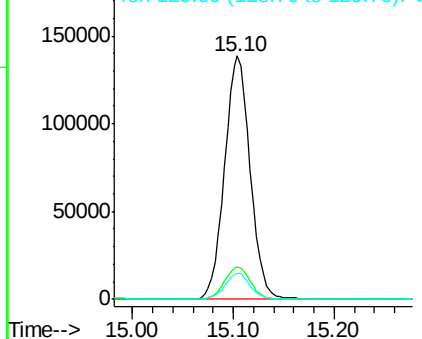
MMDadoda
8/10/2020 12:24:29 PM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 46.713 ug/l

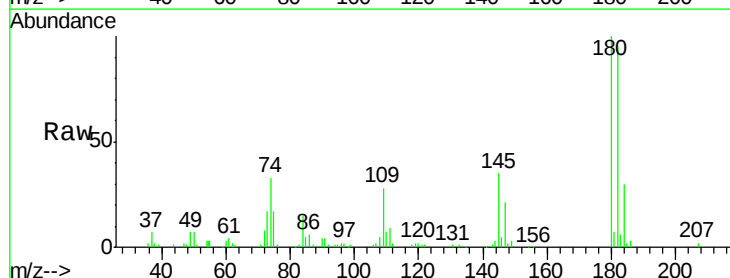
RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062777.D

Acq: 7 Aug 2020 9:57

Tgt Ion:	180	Resp:	100945
Ion Ratio	Lower	Upper	
180	100		
182	94.7	47.9	143.6
145	34.9	17.3	51.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

