

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061120\
 Data File : VN061765.D
 Acq On : 12 Jun 2020 1:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/12/2020 5:46:30 PM

Quant Time: Jun 12 08:48:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	274695	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	451489	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	440106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	220806	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	170004	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	
35) Dibromofluoromethane	7.54	113	130021	56.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.54%	
50) Toluene-d8	10.06	98	545643	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
62) 4-Bromofluorobenzene	12.38	95	197710	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	121204	38.486	ug/l	98
3) Chloromethane	2.03	50	147393	43.993	ug/l	100
4) Vinyl Chloride	2.16	62	189653	41.307	ug/l	100
5) Bromomethane	2.52	94	137992	52.378	ug/l	100
6) Chloroethane	2.66	64	138192	46.762	ug/l	99
7) Trichlorofluoromethane	2.98	101	253445	42.807	ug/l	100
8) Diethyl Ether	3.37	74	97202	53.691	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	118495	45.102	ug/l	97
10) Methyl Iodide	3.90	142	190044	52.107	ug/l	98
11) Tert butyl alcohol	4.72	59	131292	301.597	ug/l	100
12) 1,1-Dichloroethene	3.69	96	123023	43.829	ug/l	94
13) Acrolein	3.56	56	30526	240.957	ug/l	99
14) Allyl chloride	4.27	41	149743	40.806	ug/l #	90
15) Acrylonitrile	4.92	53	327711	269.704	ug/l	100
16) Acetone	3.77	43	249603	277.406	ug/l	99
17) Carbon Disulfide	4.00	76	234560	37.983	ug/l	98
18) Methyl Acetate	4.27	43	161729	54.587	ug/l	96
19) Methyl tert-butyl Ether	4.98	73	509090	53.217	ug/l	98
20) Methylene Chloride	4.50	84	171907	58.070	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	153190	48.394	ug/l	94
22) Diisopropyl ether	5.90	45	427485	52.855	ug/l	98
23) Vinyl Acetate	5.83	43	1571797	243.830	ug/l	98
24) 1,1-Dichloroethane	5.79	63	263729	51.422	ug/l	99
25) 2-Butanone	6.78	43	381617	246.033	ug/l	94
26) 2,2-Dichloropropane	6.77	77	180745	38.505	ug/l	97
27) cis-1,2-Dichloroethene	6.77	96	194977	54.396	ug/l	96
28) Bromochloromethane	7.15	49	108748	56.668	ug/l	95
29) Tetrahydrofuran	7.16	42	251111	245.511	ug/l	95
30) Chloroform	7.32	83	309848	54.609	ug/l	98
31) Cyclohexane	7.61	56	172747	37.452	ug/l	98
32) 1,1,1-Trichloroethane	7.52	97	246676	47.712	ug/l	100
36) 1,1-Dichloropropene	7.75	75	186398	46.636	ug/l	99
37) Ethyl Acetate	6.88	43	169125	52.537	ug/l	99
38) Carbon Tetrachloride	7.73	117	192821	50.015	ug/l	99

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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	191546	38.882	ug/l	96
40) Benzene	8.00	78	656919	53.269	ug/l	99
41) Methacrylonitrile	7.12	41	71679	48.599	ug/l	96
42) 1,2-Dichloroethane	8.08	62	228039	55.234	ug/l	99
43) Isopropyl Acetate	8.12	43	285633	49.318	ug/l	95
44) Trichloroethene	8.80	130	191338	50.486	ug/l	95
45) 1,2-Dichloropropane	9.08	63	164315	56.112	ug/l	98
46) Dibromomethane	9.17	93	128356	57.152	ug/l	98
47) Bromodichloromethane	9.37	83	254273	57.146	ug/l	99
48) Methyl methacrylate	9.16	41	126693	48.620	ug/l	96
49) 1,4-Dioxane	9.16	88	67749	1678.289	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	844460	258.738	ug/l	98
52) Toluene	10.12	92	422070	52.438	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	262451	54.753	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	273925	53.149	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	187733	58.543	ug/l	98
56) Ethyl methacrylate	10.40	69	246718	55.077	ug/l	97
57) 1,3-Dichloropropane	10.68	76	294233	57.369	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	441240	230.495	ug/l	98
59) 2-Hexanone	10.72	43	602397	257.001	ug/l	98
60) Dibromochloromethane	10.87	129	219912	60.322	ug/l	98
61) 1,2-Dibromoethane	10.98	107	196797	58.842	ug/l	99
64) Tetrachloroethene	10.60	164	200153	48.314	ug/l	97
65) Chlorobenzene	11.40	112	479655	52.432	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	192673	56.563	ug/l	99
67) Ethyl Benzene	11.48	91	781904	49.451	ug/l	99
68) m/p-Xylenes	11.59	106	619380	98.794	ug/l	98
69) o-Xylene	11.92	106	304627	51.158	ug/l	98
70) Styrene	11.94	104	532906	54.041	ug/l	98
71) Bromoform	12.10	173	157206	59.893	ug/l #	100
73) Isopropylbenzene	12.22	105	759255	47.112	ug/l	100
74) N-amyl acetate	12.04	43	245251	48.323	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	233887	51.788	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	198336m	49.397	ug/l	
77) Bromobenzene	12.50	156	223781	54.399	ug/l	97
78) n-propylbenzene	12.56	91	838437	46.602	ug/l	100
79) 2-Chlorotoluene	12.65	91	516636	48.158	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	640693	47.565	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	73540	46.838	ug/l	98
82) 4-Chlorotoluene	12.75	91	547811	48.539	ug/l	99
83) tert-Butylbenzene	12.97	119	541753	45.520	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	653458	48.833	ug/l	98
85) sec-Butylbenzene	13.15	105	686745	44.780	ug/l	99
86) p-Isopropyltoluene	13.26	119	647783	45.867	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	381808	52.413	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	382018	51.478	ug/l	99
89) n-Butylbenzene	13.59	91	512020	43.284	ug/l	99
90) Hexachloroethane	13.85	117	96180	61.579	ug/l	90
91) 1,2-Dichlorobenzene	13.63	146	377258	54.192	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	40779	44.274	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	209905	51.556	ug/l	99
94) Hexachlorobutadiene	14.98	225	80555	46.392	ug/l	98
95) Naphthalene	15.10	128	611481	49.344	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	207734	51.894	ug/l	99

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

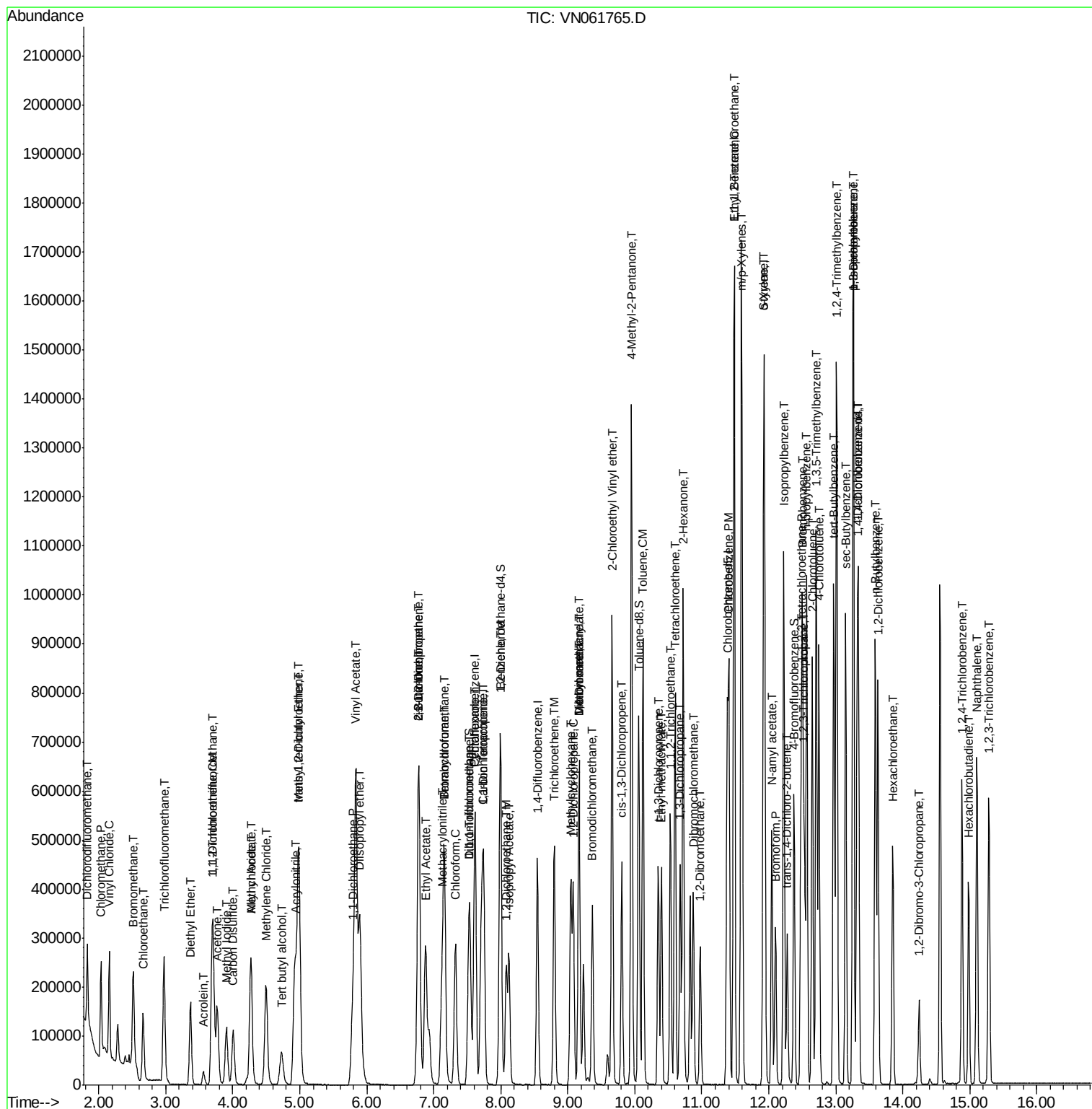
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061120\
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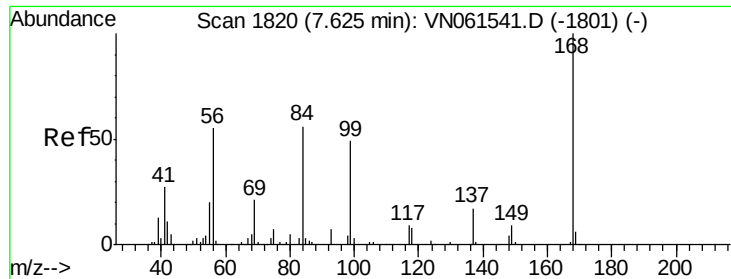
Instrument :
MSVOA_N
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061765.D

Acq: 12 Jun 2020 1:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 274695

Ion Ratio Lower Upper

168 100

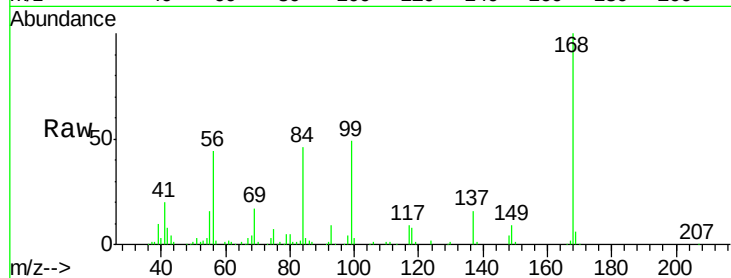
99 49.1 45.0 67.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

120000

100000

80000

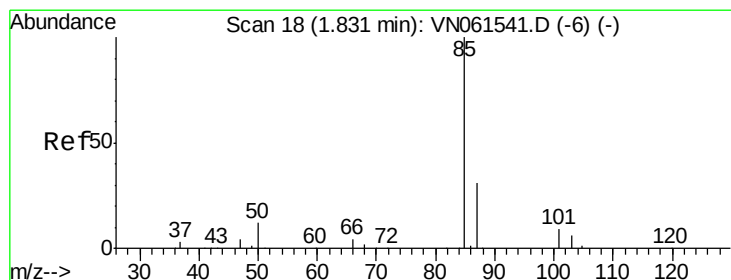
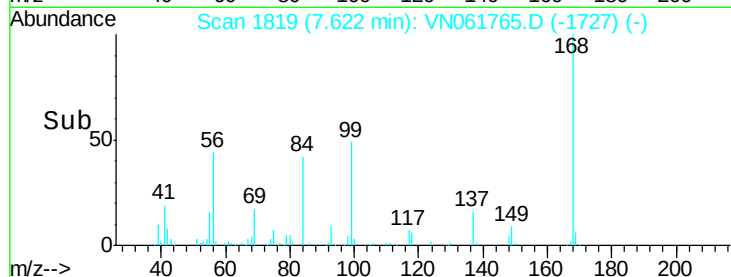
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 38.486 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061765.D

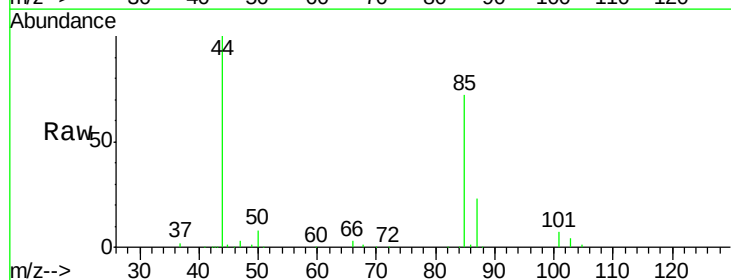
Acq: 12 Jun 2020 1:55

Tgt Ion: 85 Resp: 121204

Ion Ratio Lower Upper

85 100

87 32.5 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

100000

80000

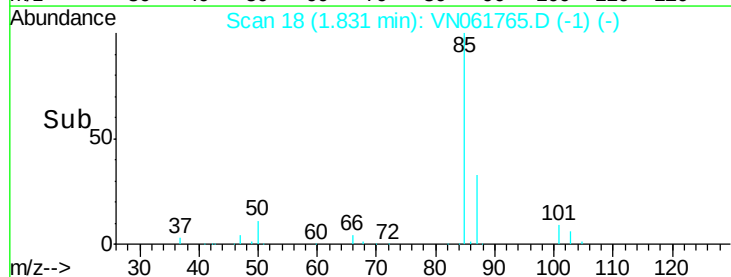
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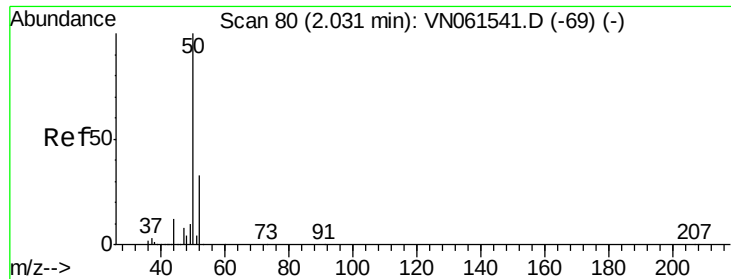
40000

20000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 43.993 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061765.D

Acq: 12 Jun 2020 1:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 147393

Ion Ratio Lower Upper

50 100

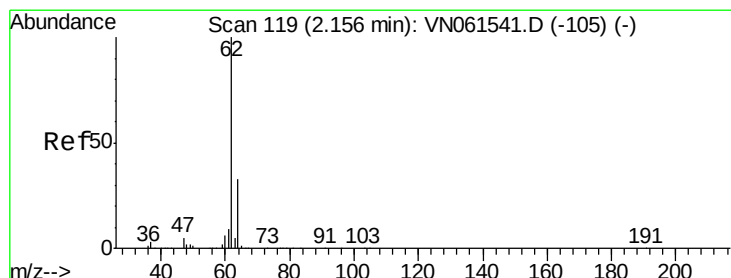
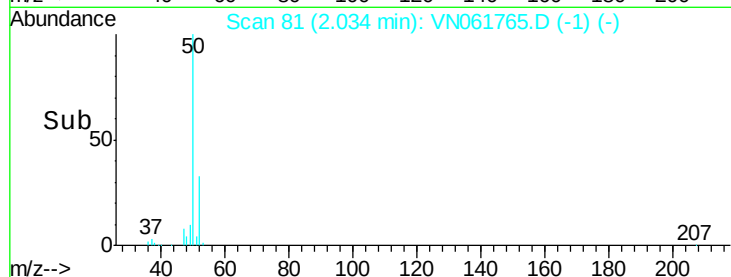
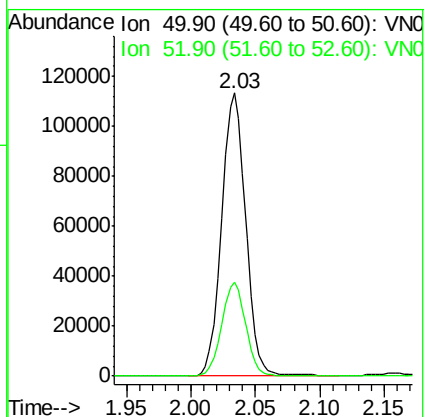
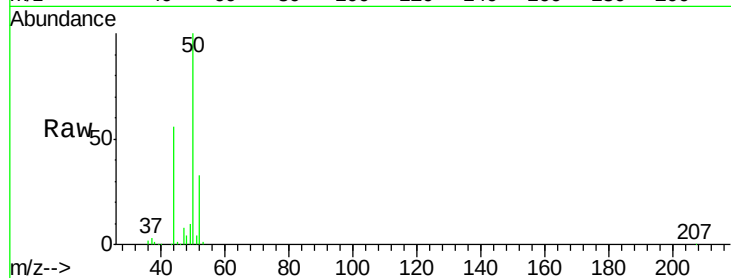
52 33.4 26.7 40.1

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#4

Vinyl Chloride

Concen: 41.307 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN061765.D

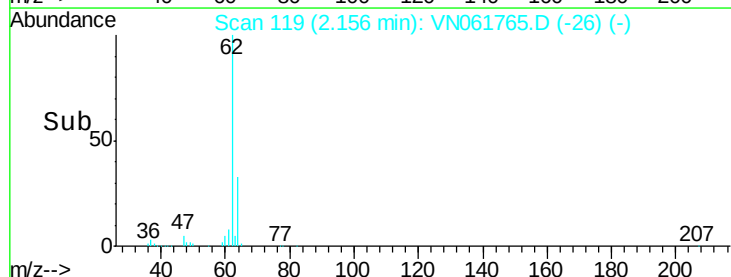
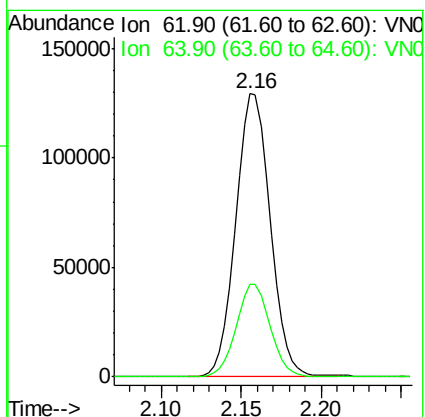
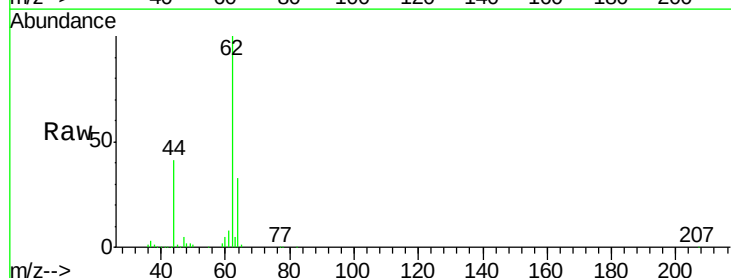
Acq: 12 Jun 2020 1:55

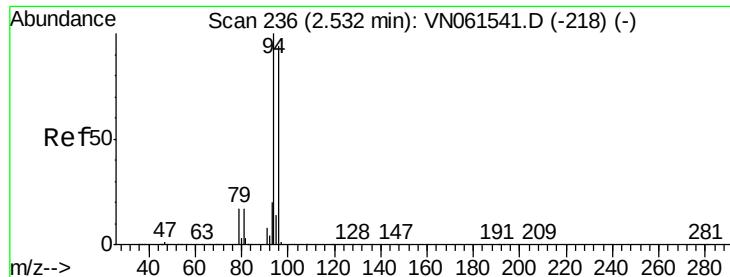
Tgt Ion: 62 Resp: 189653

Ion Ratio Lower Upper

62 100

64 32.6 26.2 39.2





#5

Bromomethane

Concen: 52.378 ug/l

RT: 2.52 min Scan# 231

Delta R.T. -0.02 min

Lab File: VN061765.D

Acq: 12 Jun 2020 1:55

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Tot Ion: 94 Resp: 137992

Ion Ratio Lower Upper

94 100

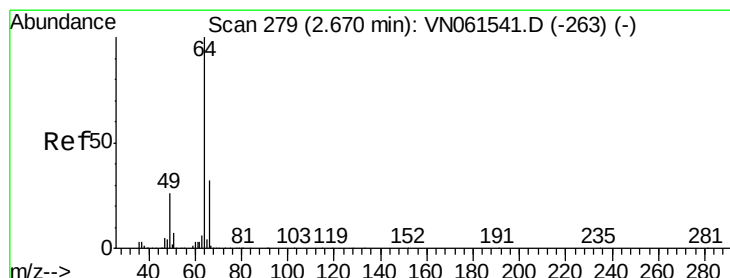
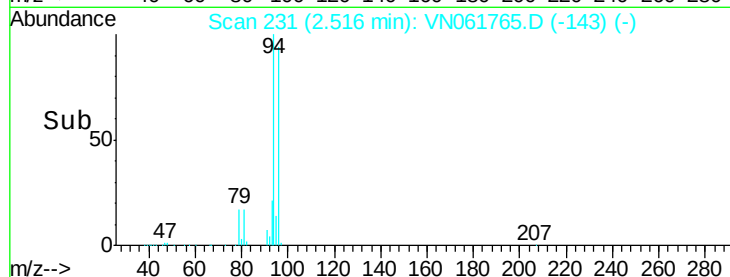
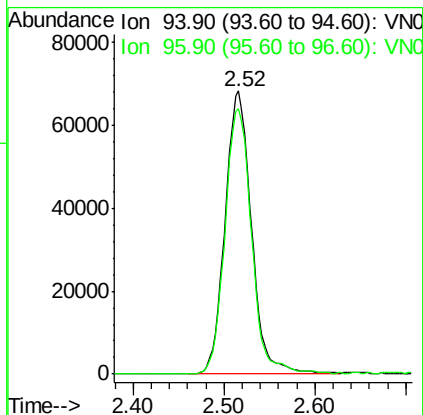
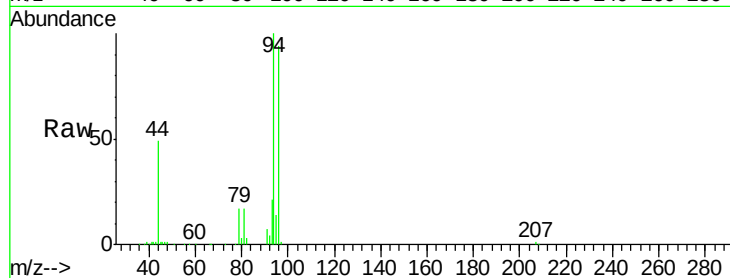
96 93.8 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 46.762 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.01 min

Lab File: VN061765.D

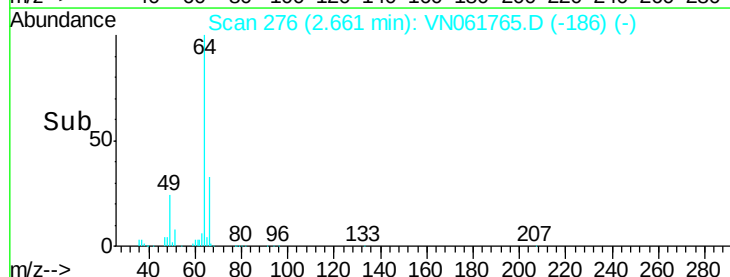
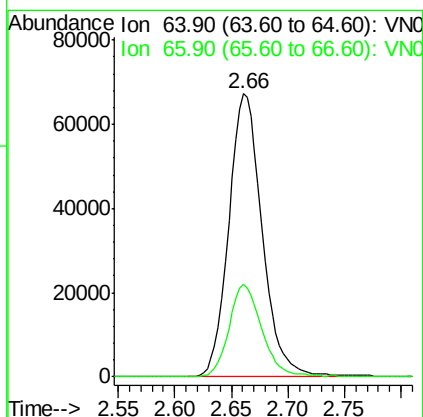
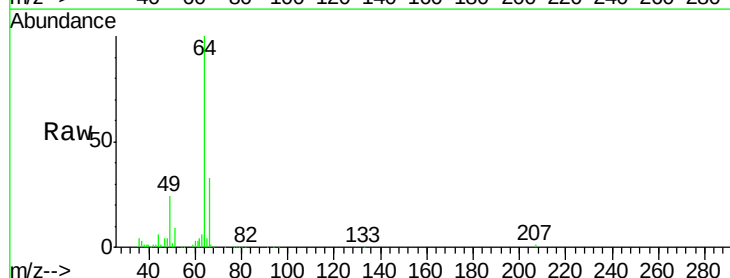
Acq: 12 Jun 2020 1:55

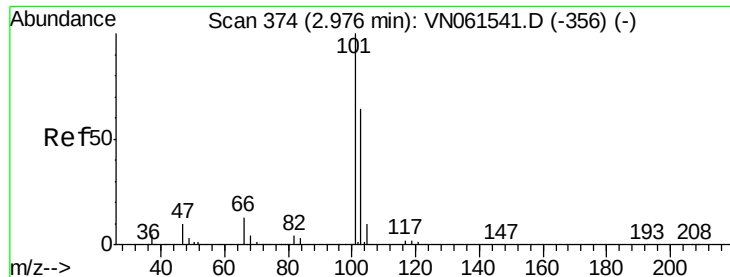
Tgt Ion: 64 Resp: 138192

Ion Ratio Lower Upper

64 100

66 32.5 25.6 38.4





#7

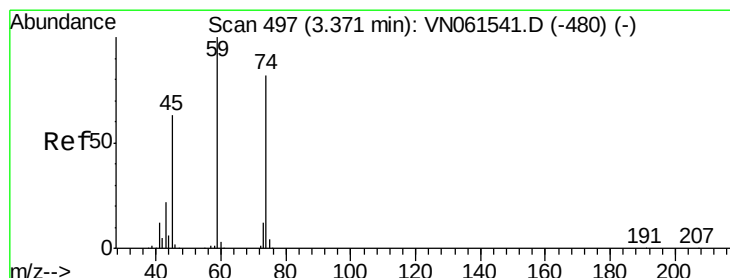
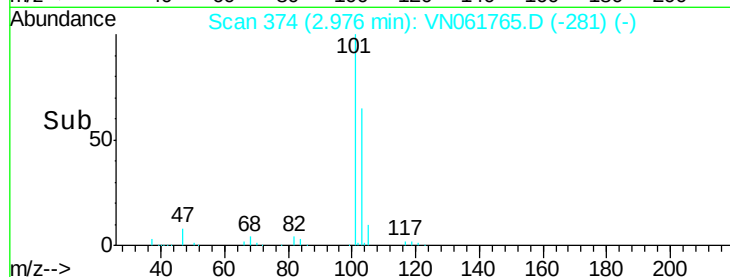
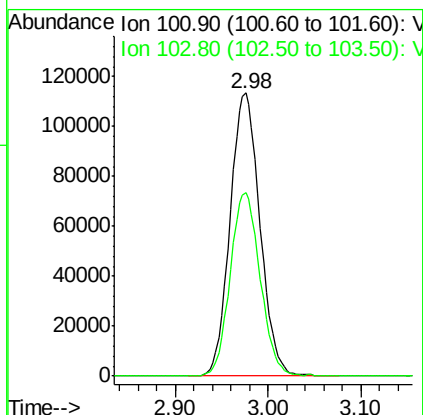
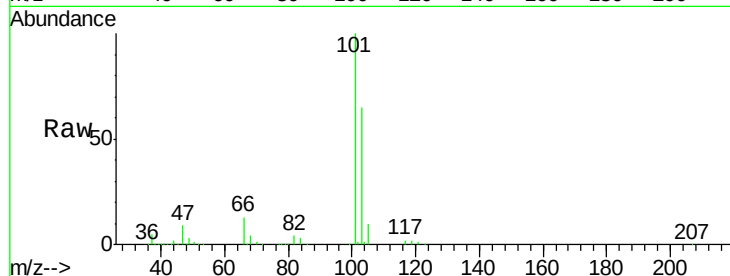
Trichlorofluoromethane
Concen: 42.807 ug/l
RT: 2.98 min Scan# 374
Delta R.T. -0.00 min
Lab File: VN061765.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	51.4	77.2

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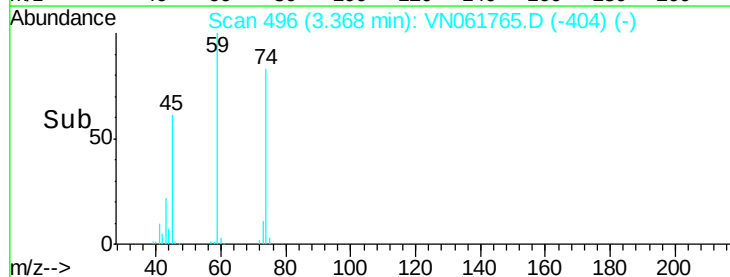
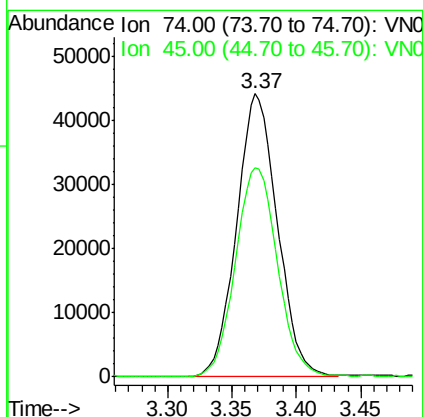
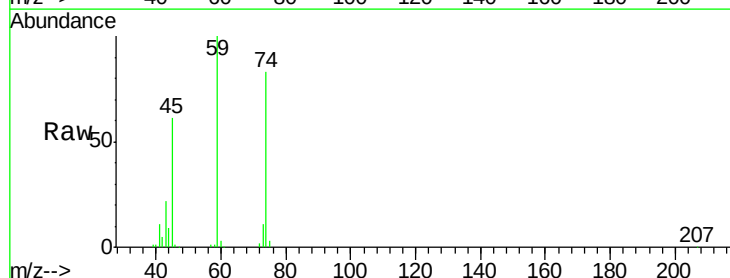
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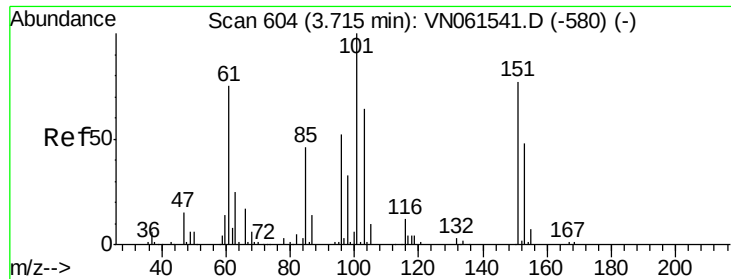


#8

Diethyl Ether
Concen: 53.691 ug/l
RT: 3.37 min Scan# 496
Delta R.T. -0.00 min
Lab File: VN061765.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	76.4	39.9	119.7





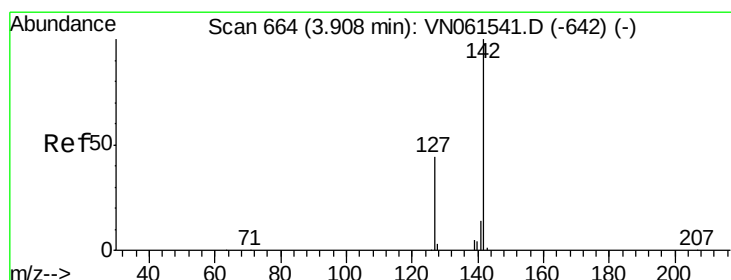
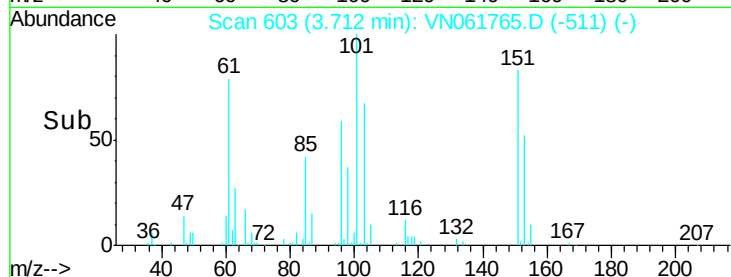
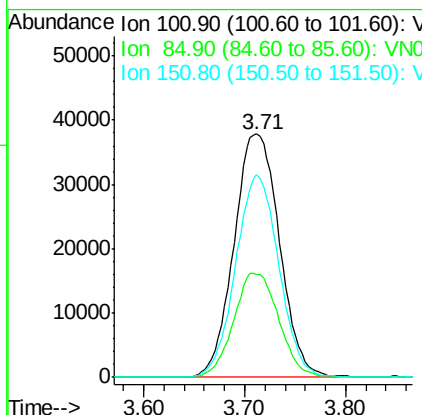
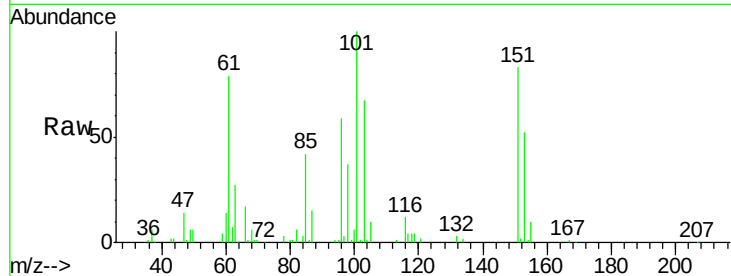
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 45.102 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: VN061765.D
 Acq: 12 Jun 2020 1:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	118495		
85	42.4	35.2	52.8	
151	79.2	61.0	91.6	

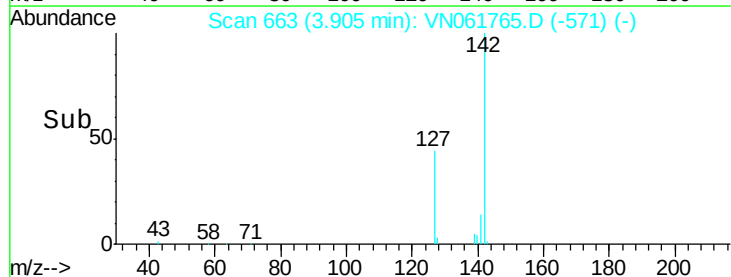
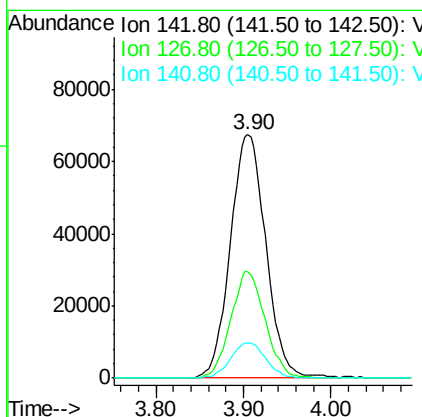
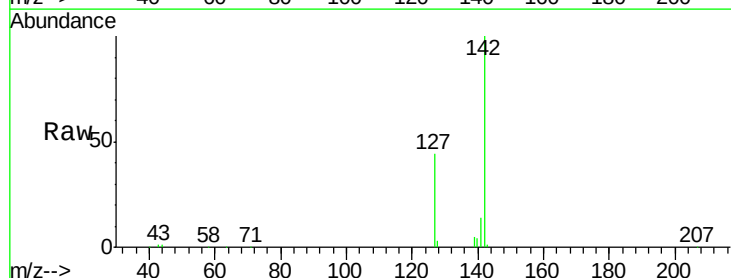
Manual Integrations
 APPROVED

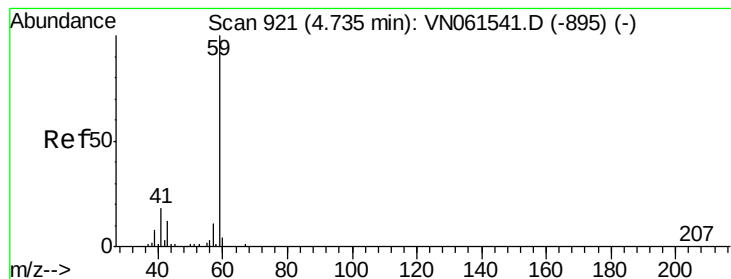
MMDadoda
 6/12/2020 5:46:30 PM



#10
 Methyl Iodide
 Concen: 52.107 ug/l
 RT: 3.90 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: VN061765.D
 Acq: 12 Jun 2020 1:55

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	190044		
127	42.3	35.5	53.3	
141	14.3	11.5	17.3	





#11

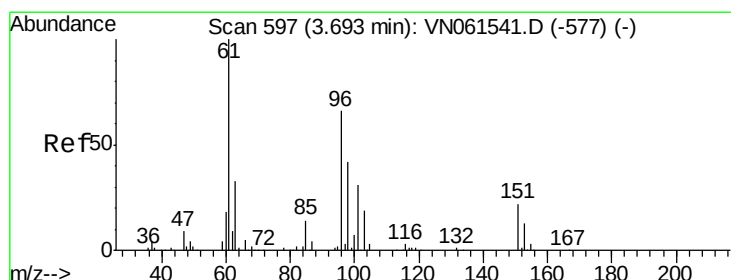
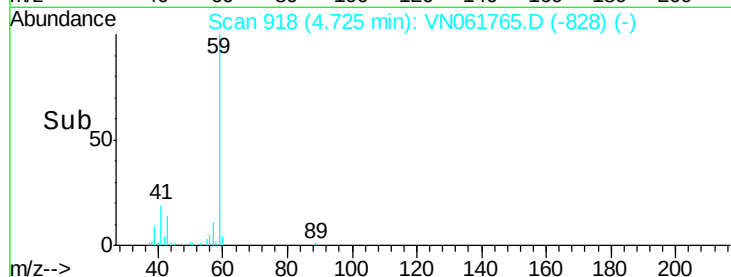
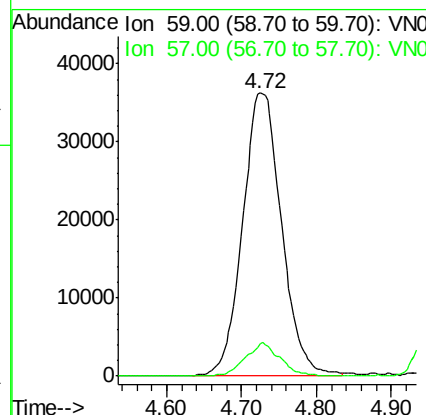
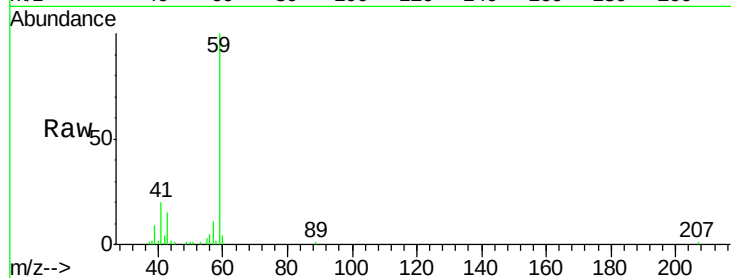
Tert butyl alcohol
Concen: 301.597 ug/l
RT: 4.72 min Scan# 918
Delta R.T. -0.01 min
Lab File: VN061765.D
Acq: 12 Jun 2020 1:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	131292
Ion Ratio	100	Lower	Upper
57	10.4	8.4	12.6

Manual Integrations
APPROVED

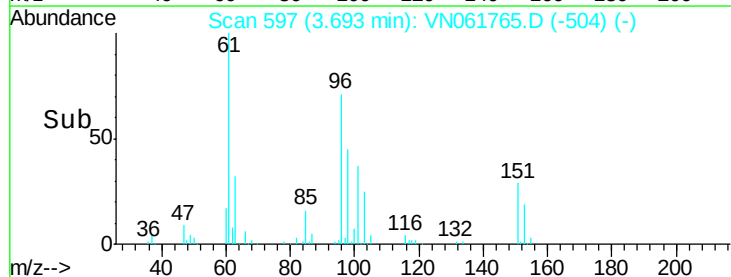
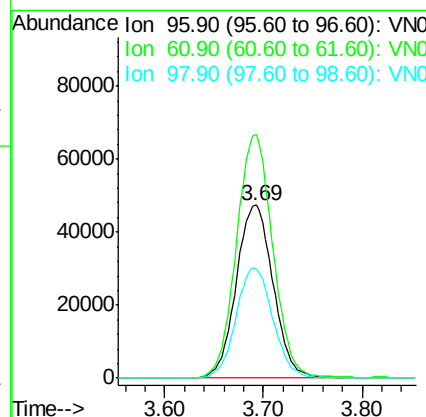
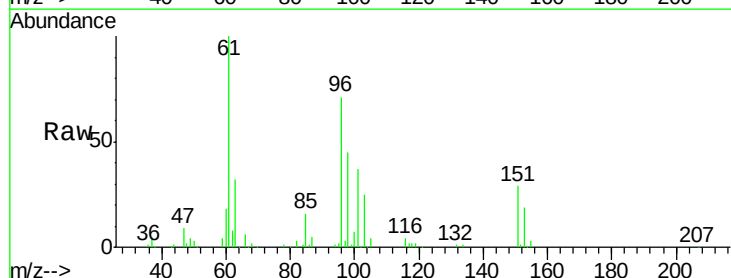
MMDadoda
6/12/2020 5:46:30 PM

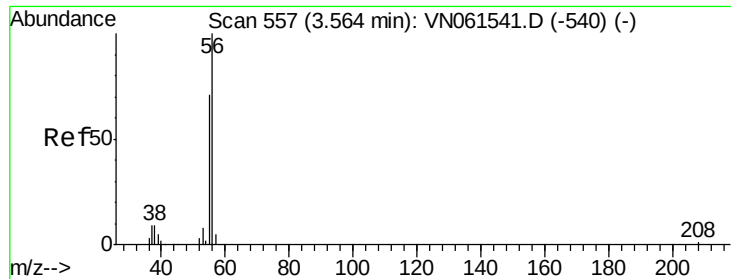


#12

1,1-Dichloroethene
Concen: 43.829 ug/l
RT: 3.69 min Scan# 597
Delta R.T. -0.00 min
Lab File: VN061765.D
Acq: 12 Jun 2020 1:55

Tgt Ion	96	Resp	123023
Ion Ratio	100	Lower	Upper
61	140.7	120.5	180.7
98	63.3	50.8	76.2





#13

Acrolein

Concen: 240.957 ug/l

RT: 3.56 min Scan# 556

Delta R.T. -0.00 min

Lab File: VN061765.D

Acq: 12 Jun 2020 1:55

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 56 Resp: 30526

Ion Ratio Lower Upper

56 100

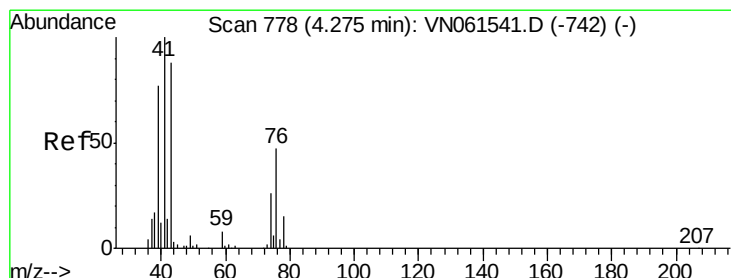
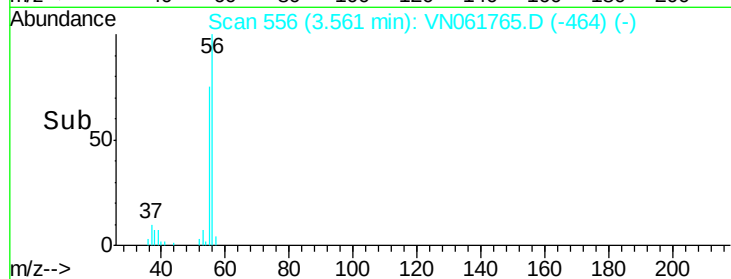
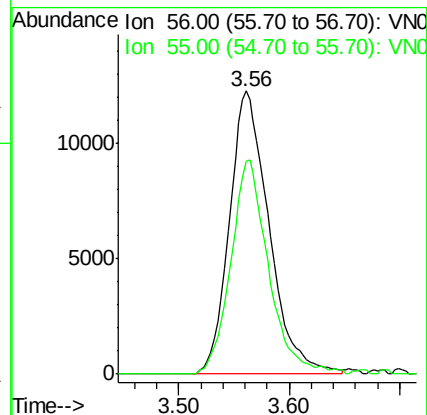
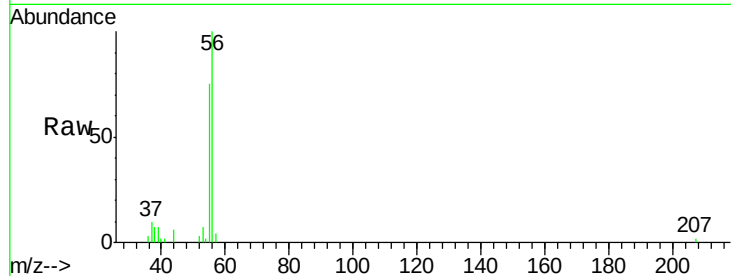
55 71.9 58.0 87.0

Manual Integrations

APPROVED

MMDadoda

6/12/2020 5:46:30 PM



#14

Allyl chloride

Concen: 40.806 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061765.D

Acq: 12 Jun 2020 1:55

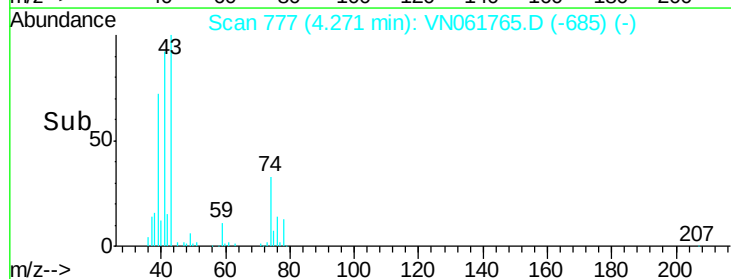
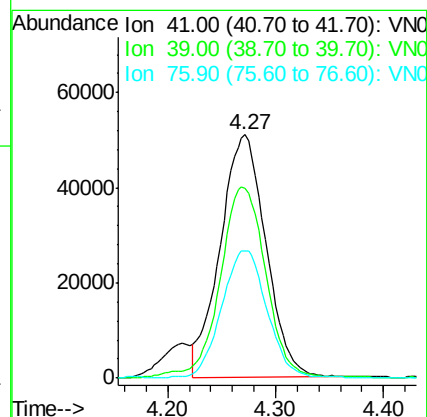
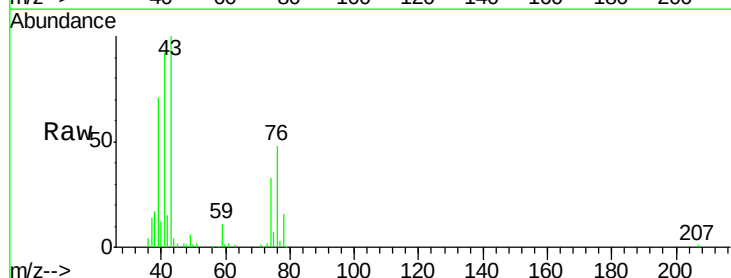
Tgt Ion: 41 Resp: 149743

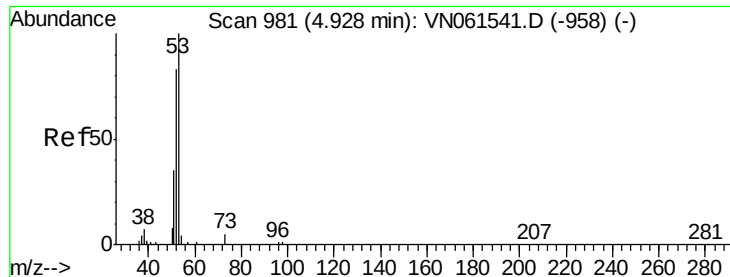
Ion Ratio Lower Upper

41 100

39 79.9 58.6 88.0

76 51.4 34.2 51.4#





#15

Acrylonitrile

Concen: 269.704 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.00 min

Lab File: VN061765.D

Acq: 12 Jun 2020 1:55

Instrument :

MSVOA_N

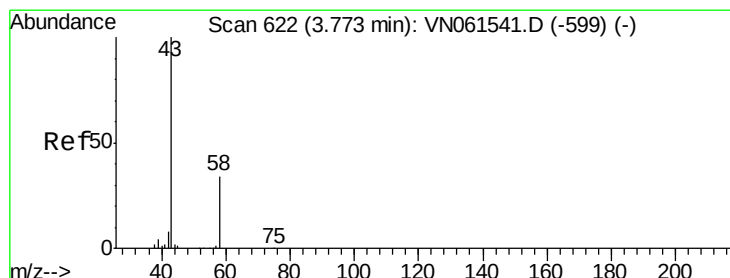
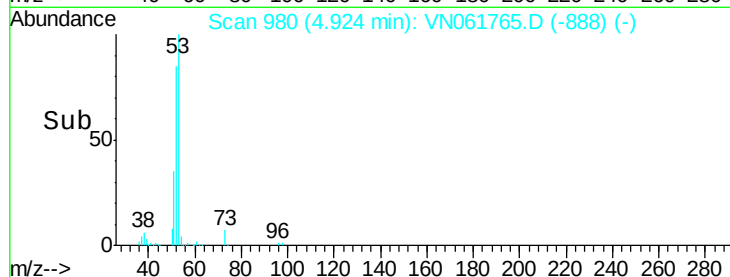
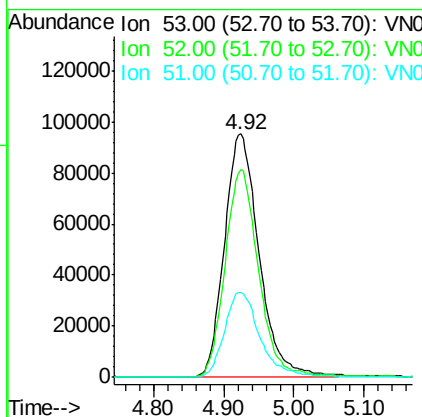
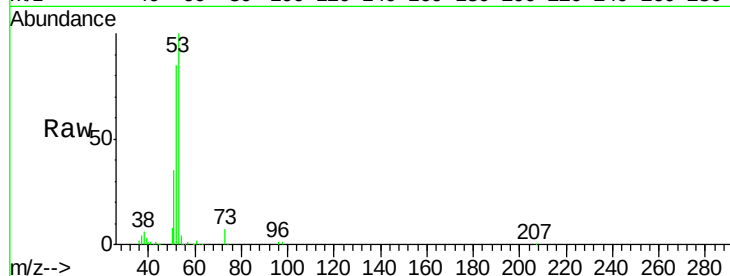
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	327711
Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.4	98.2
51	35.9	29.0	43.6

Manual Integrations
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#16

Acetone

Concen: 277.406 ug/l

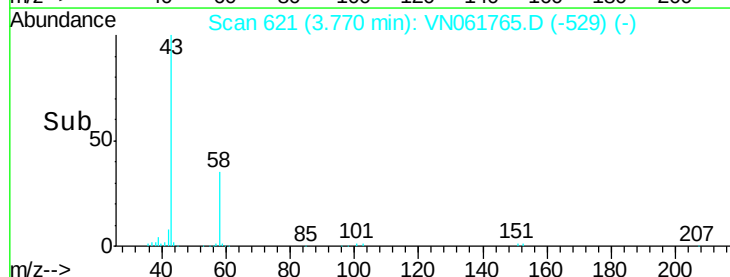
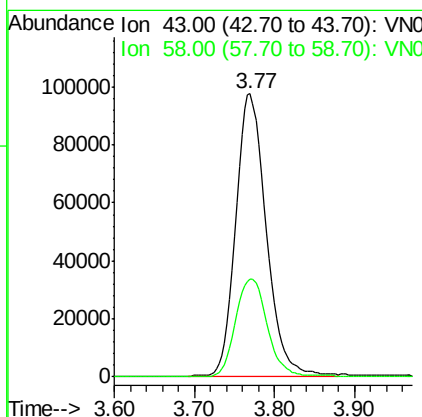
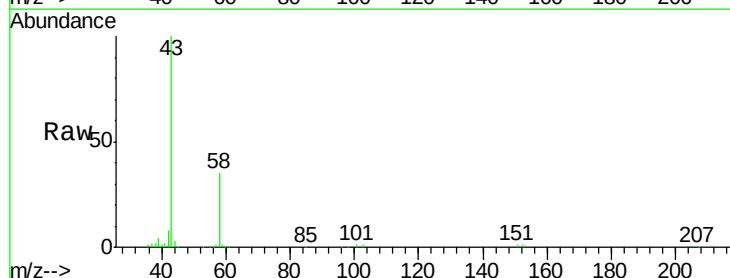
RT: 3.77 min Scan# 621

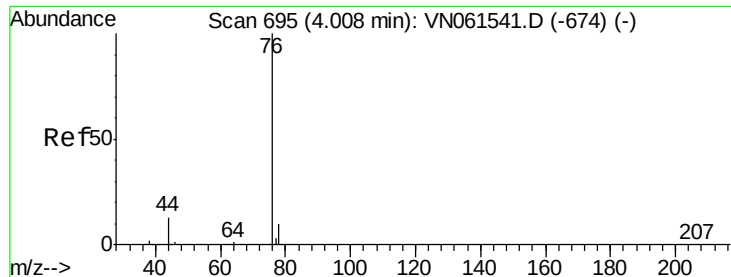
Delta R.T. -0.00 min

Lab File: VN061765.D

Acq: 12 Jun 2020 1:55

Tgt Ion:	43	Resp:	249603
Ion	Ratio	Lower	Upper
43	100		
58	34.7	27.2	40.8





#17

Carbon Disulfide

Concen: 37.983 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN061765.D

Acq: 12 Jun 2020 1:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 234560

Ion Ratio Lower Upper

76 100

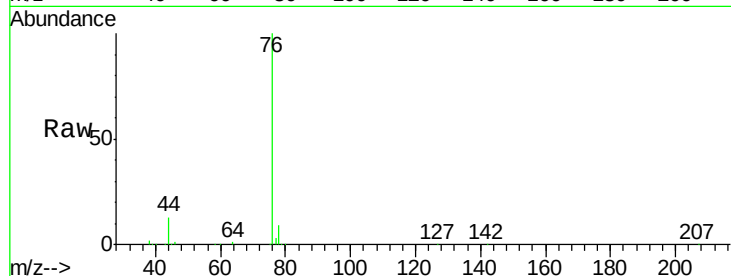
78 9.0 7.8 11.6

Manual Integrations

APPROVED

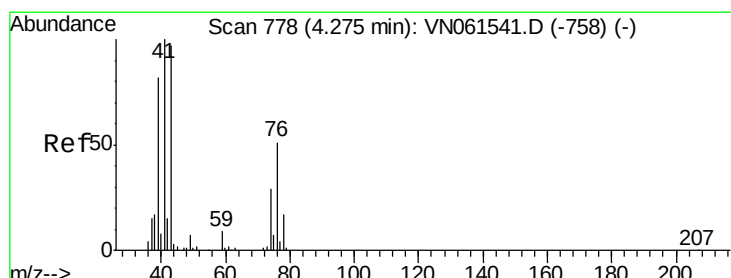
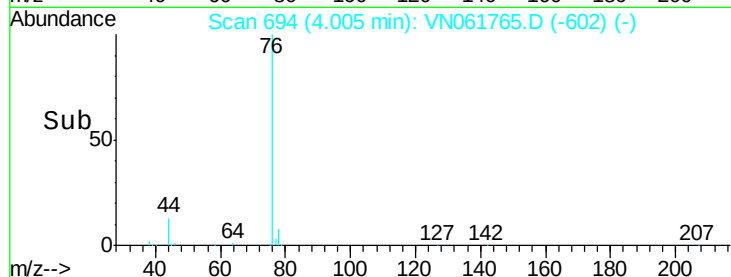
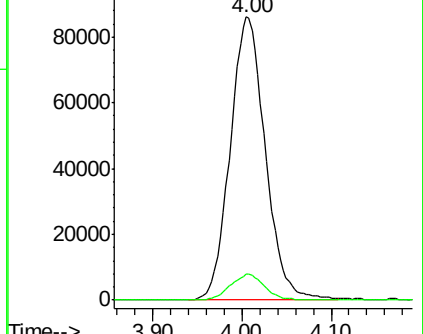
MMDadoda

6/12/2020 5:46:30 PM



Abundance Ion 75.90 (75.60 to 76.60): VN061765.D (-674) (-)

Ion 77.90 (77.60 to 78.60): VN061765.D (-674) (-)



#18

Methyl Acetate

Concen: 54.587 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061765.D

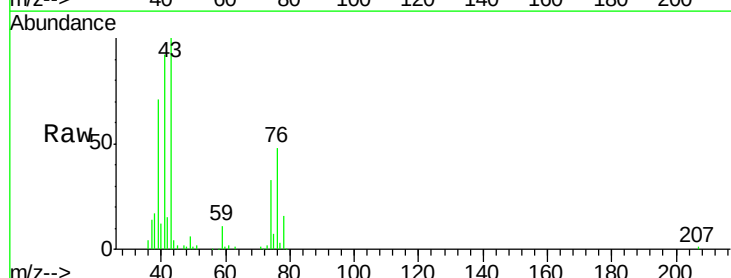
Acq: 12 Jun 2020 1:55

Tgt Ion: 43 Resp: 161729

Ion Ratio Lower Upper

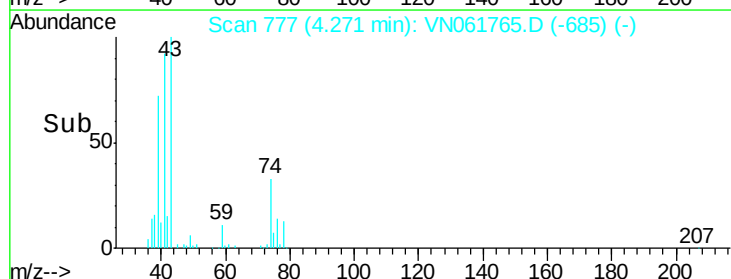
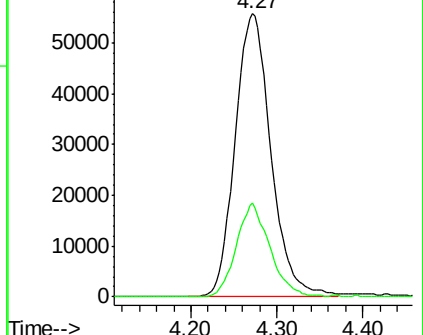
43 100

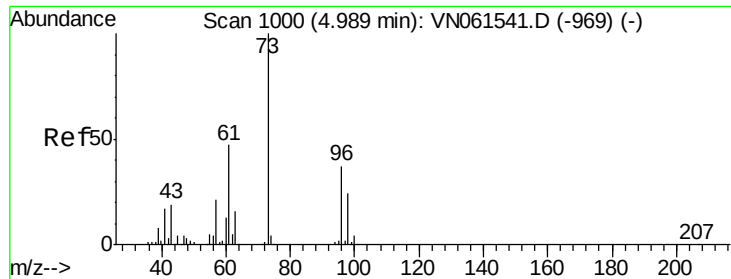
74 31.0 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VN061765.D (-685) (-)

Ion 74.00 (73.70 to 74.70): VN061765.D (-685) (-)





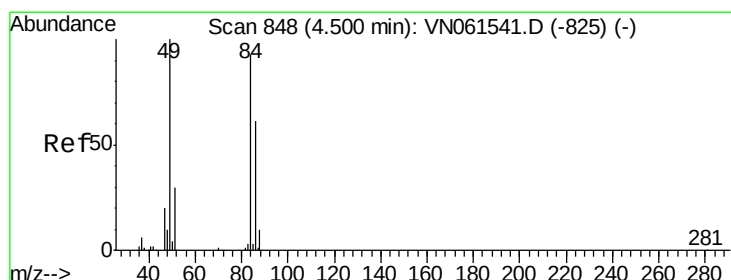
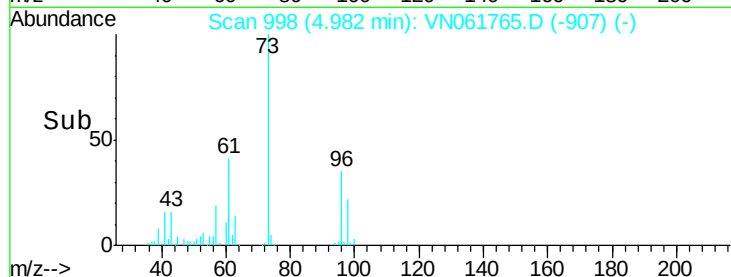
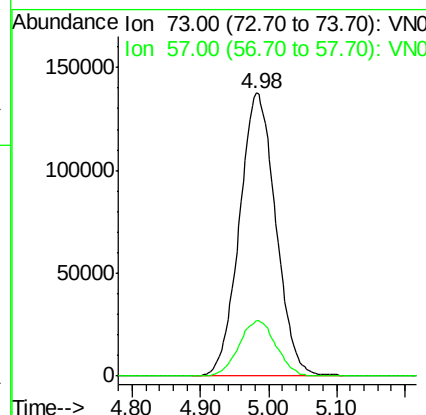
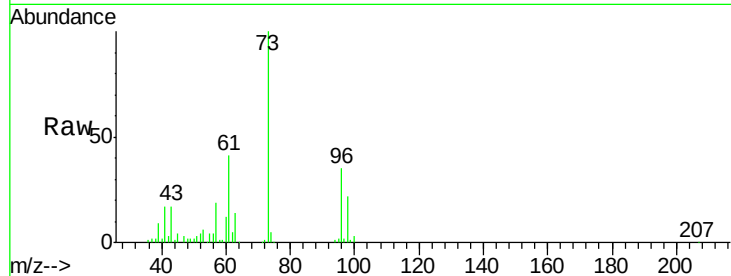
#19
Methyl tert-butyl Ether
Concen: 53.217 ug/l
RT: 4.98 min Scan# 998
Delta R.T. -0.01 min
Lab File: VN061765.D
Acq: 12 Jun 2020 1:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.5	16.4	24.6

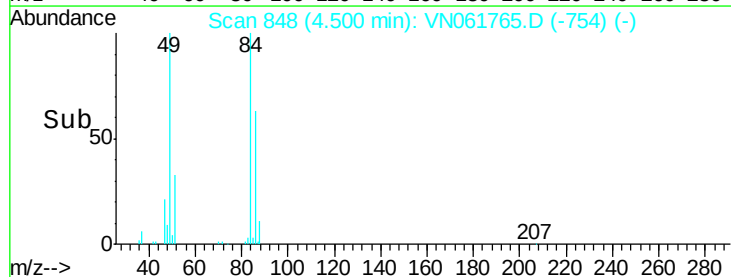
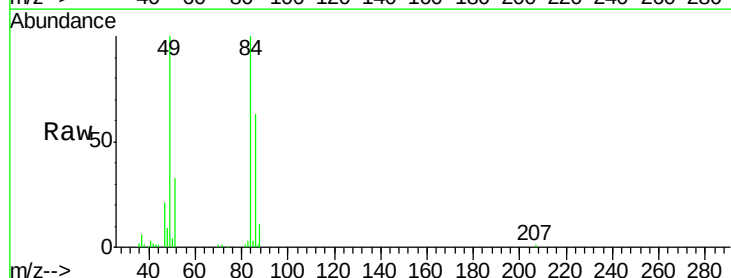
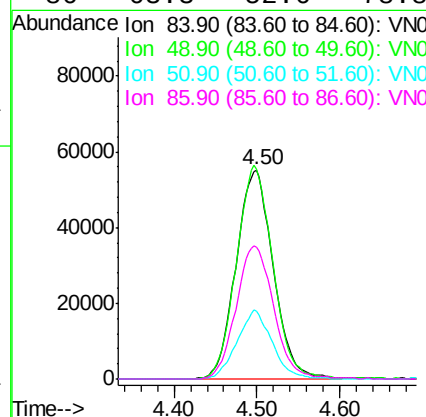
Manual Integrations
APPROVED

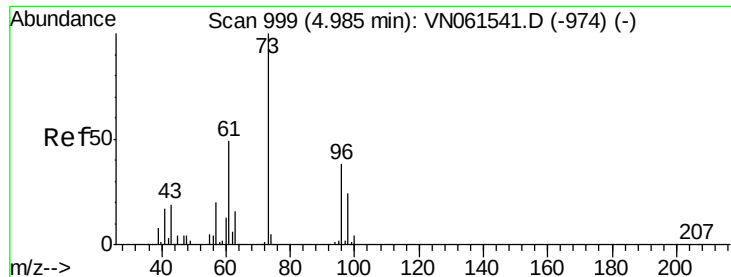
MMDadoda
6/12/2020 5:46:30 PM



#20
Methylene Chloride
Concen: 58.070 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN061765.D
Acq: 12 Jun 2020 1:55

Tgt Ion	Ratio	Lower	Upper
84	100		
49	100.5	85.8	128.8
51	32.8	26.2	39.2
86	63.3	52.6	78.8





#21

trans-1,2-Dichloroethene

Concen: 48.394 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN061765.D

Acq: 12 Jun 2020 1:55

Instrument :

MSVOA_N

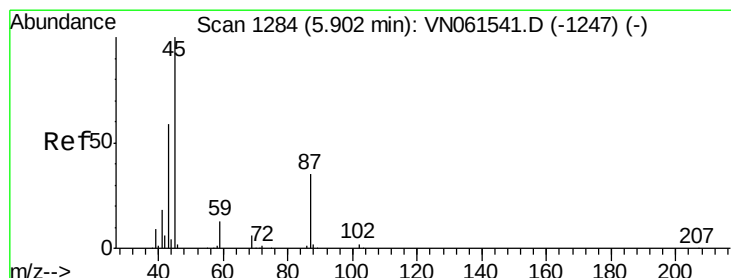
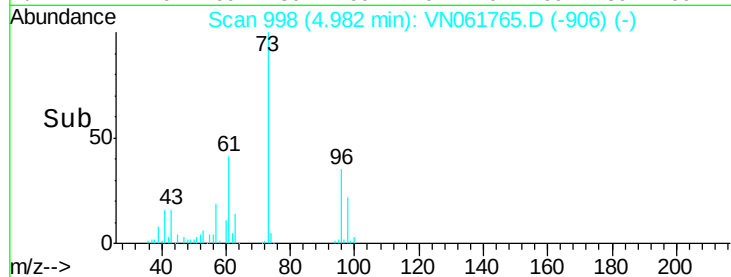
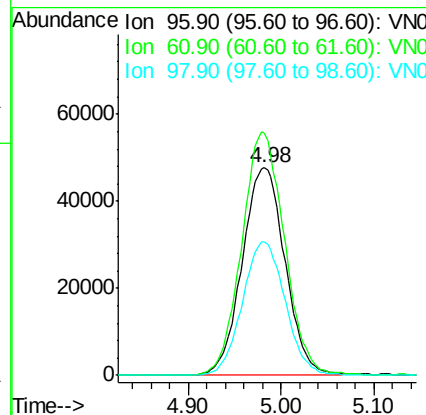
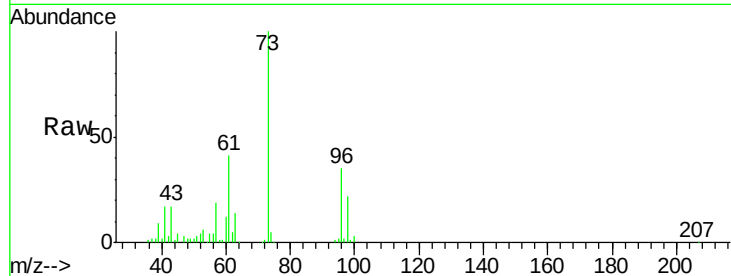
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	153190
Ion	Ratio	Lower	Upper
96	100		
61	117.1	101.4	152.0
98	64.7	50.6	76.0

Manual Integrations
APPROVED

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6/12/2020 5:46:30 PM



#22

Diisopropyl ether

Concen: 52.855 ug/l

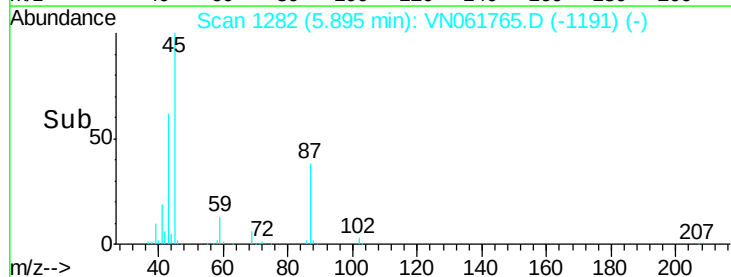
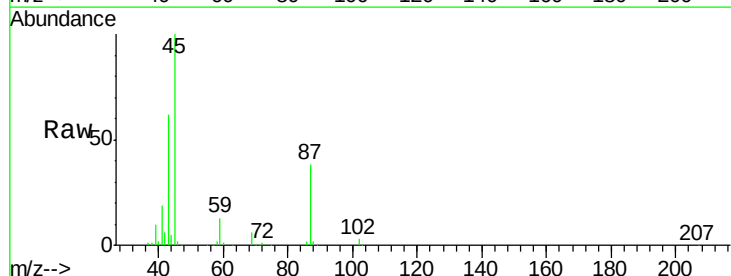
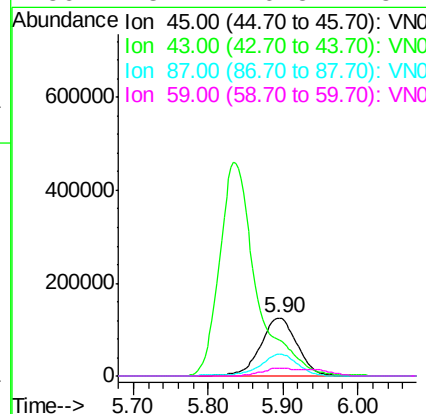
RT: 5.90 min Scan# 1282

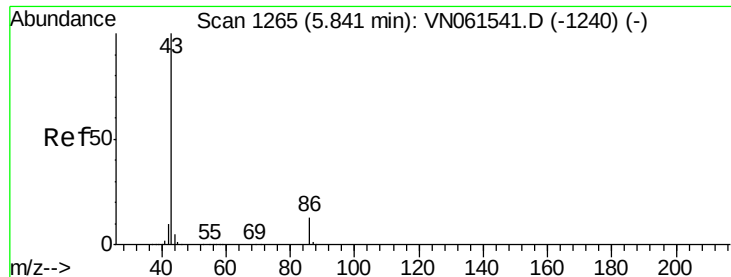
Delta R.T. -0.01 min

Lab File: VN061765.D

Acq: 12 Jun 2020 1:55

Tgt Ion:	45	Resp:	427485
Ion	Ratio	Lower	Upper
45	100		
43	59.4	47.9	71.9
87	37.9	28.4	42.6
59	13.2	10.5	15.7





#23

Vinyl Acetate

Concen: 243.830 ug/l

RT: 5.83 min Scan# 1263

Delta R.T. -0.01 min

Lab File: VN061765.D

Acq: 12 Jun 2020 1:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1571797

Ion Ratio Lower Upper

43 100

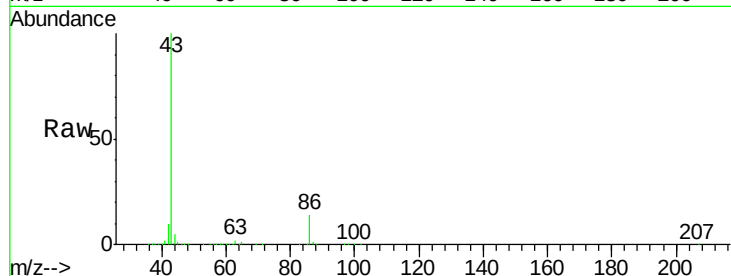
86 14.2 10.6 16.0

Manual Integrations

APPROVED

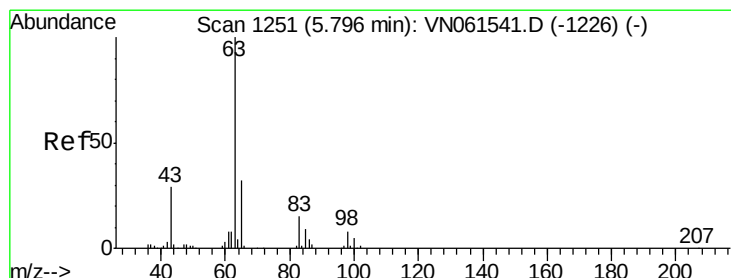
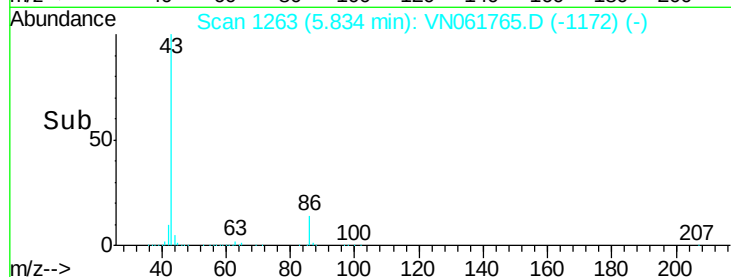
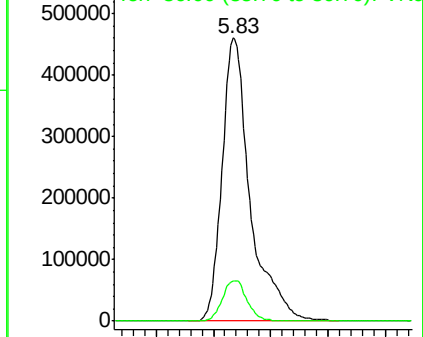
MMDadoda

6/12/2020 5:46:30 PM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 51.422 ug/l

RT: 5.79 min Scan# 1249

Delta R.T. -0.01 min

Lab File: VN061765.D

Acq: 12 Jun 2020 1:55

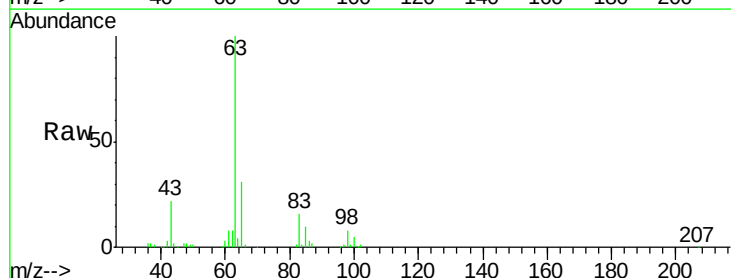
Tgt Ion: 63 Resp: 263729

Ion Ratio Lower Upper

63 100

98 8.4 3.8 11.4

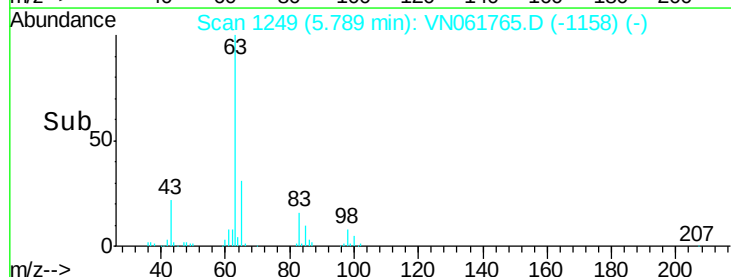
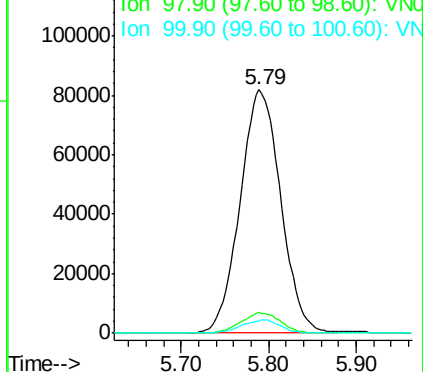
100 5.1 2.5 7.6

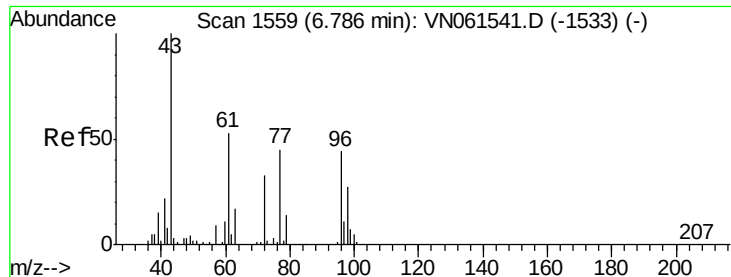


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





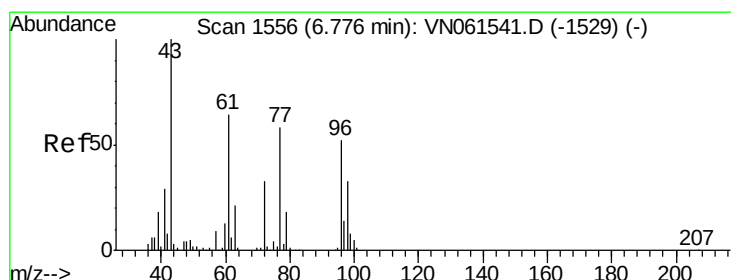
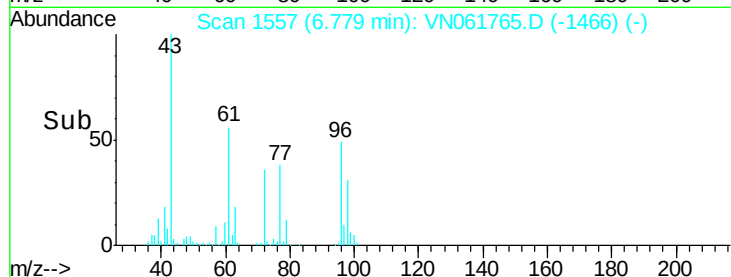
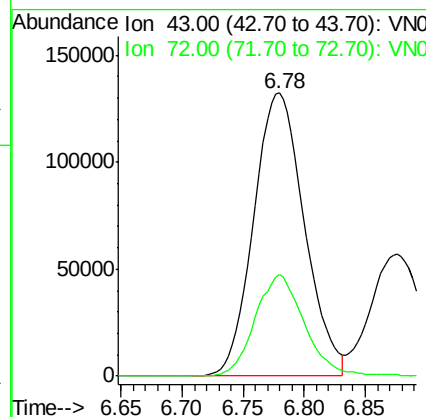
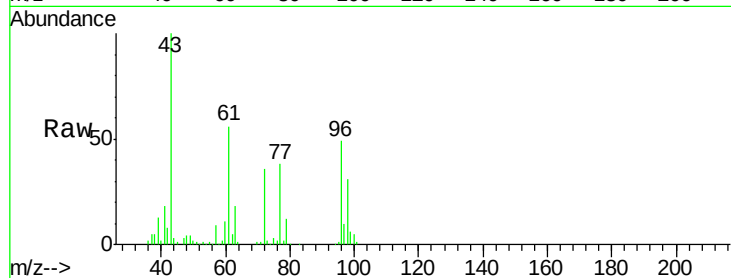
#25
2-Butanone
Concen: 246.033 ug/l
RT: 6.78 min Scan# 1557
Delta R.T. -0.01 min
Lab File: VN061765.D
Acq: 12 Jun 2020 1:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
72	35.9	26.0	39.0

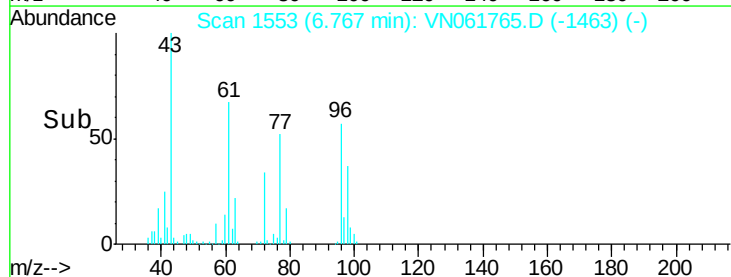
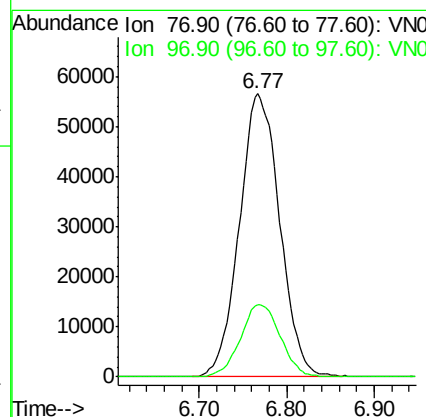
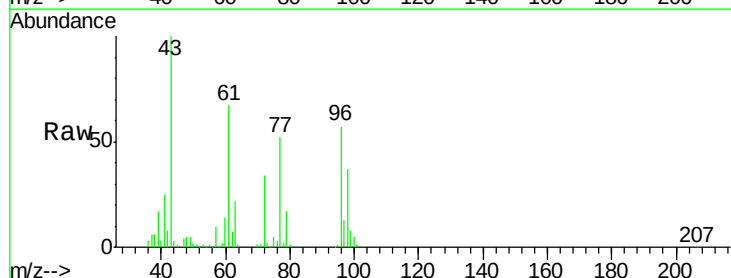
Manual Integrations
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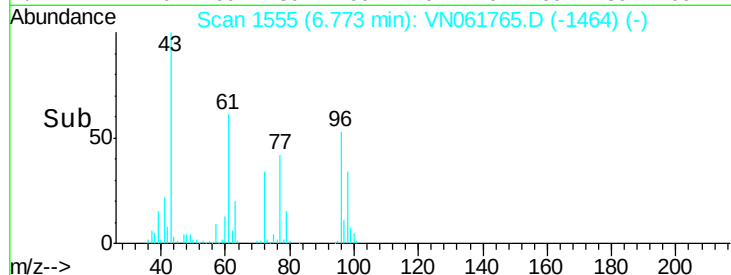
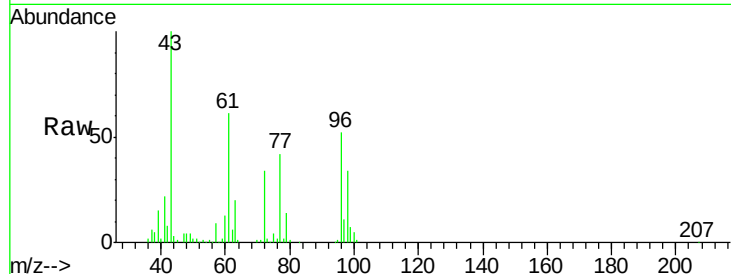
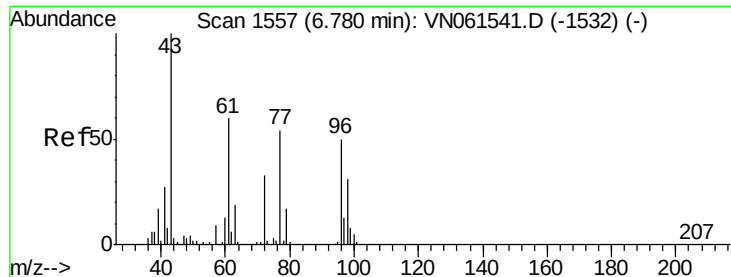
MMDadoda
6/12/2020 5:46:30 PM



#26
2,2-Dichloropropane
Concen: 38.505 ug/l
RT: 6.77 min Scan# 1553
Delta R.T. -0.01 min
Lab File: VN061765.D
Acq: 12 Jun 2020 1:55

Tgt Ion	Ratio	Lower	Upper
77	100		
97	25.3	12.0	36.0





#27

cis-1,2-Dichloroethene

Concen: 54.396 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.01 min

Lab File: VN061765.D

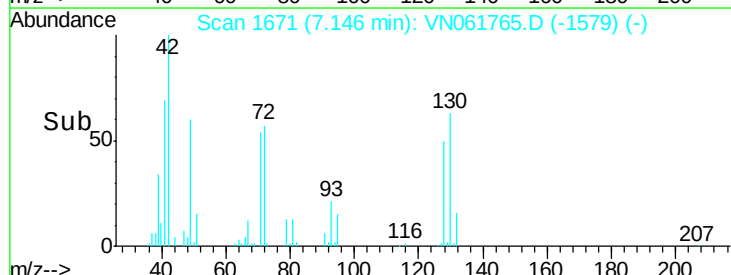
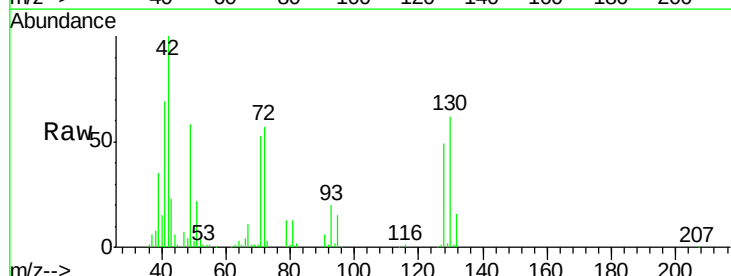
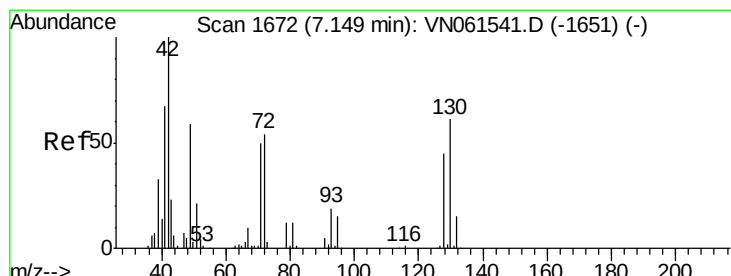
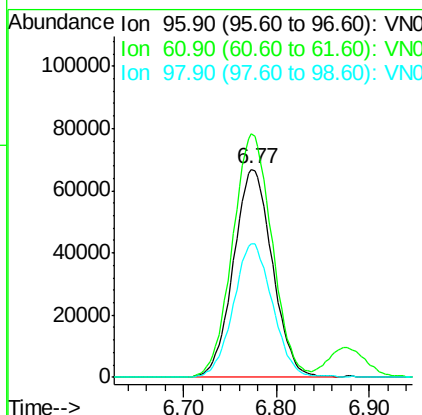
Acq: 12 Jun 2020 1:55

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	118.7	0.0	252.2	
98	64.7	0.0	129.2	

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
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6/12/2020 5:46:30 PM



#28

Bromochloromethane

Concen: 56.668 ug/l

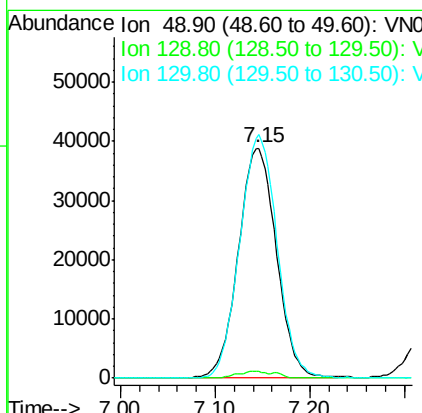
RT: 7.15 min Scan# 1671

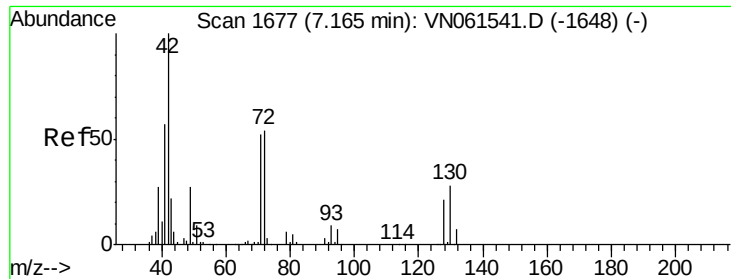
Delta R.T. -0.00 min

Lab File: VN061765.D

Acq: 12 Jun 2020 1:55

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.1	0.0	4.8	
130	103.9	78.8	118.2	





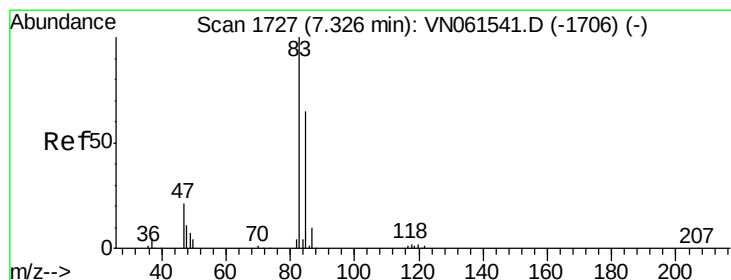
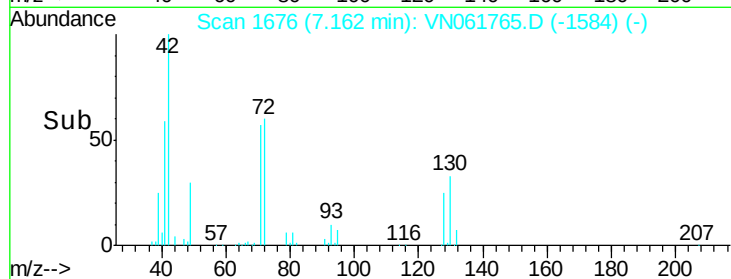
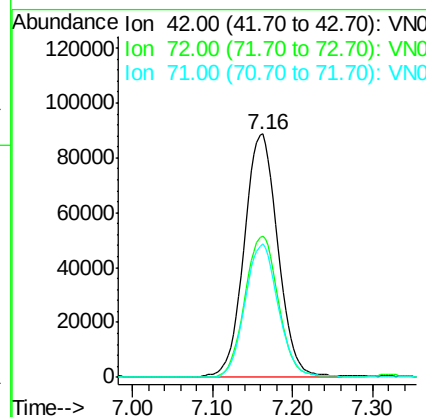
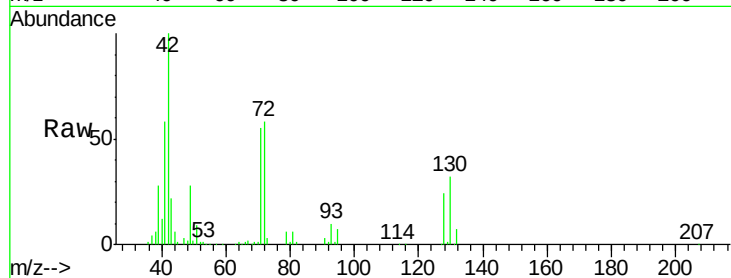
#29
Tetrahydrofuran
Concen: 245.511 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN061765.D
Acq: 12 Jun 2020 1:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	58.4	43.6	65.4
71	54.4	41.2	61.8

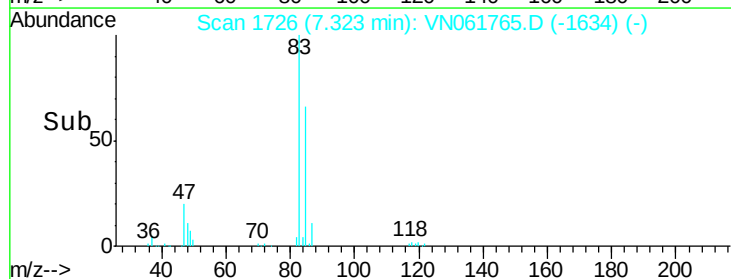
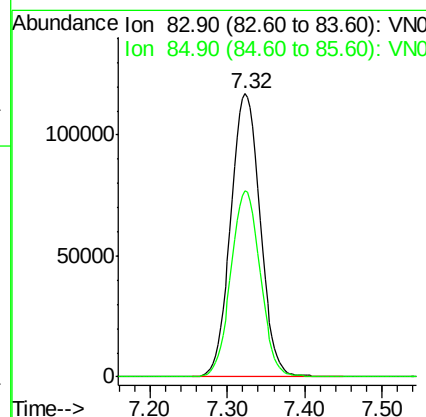
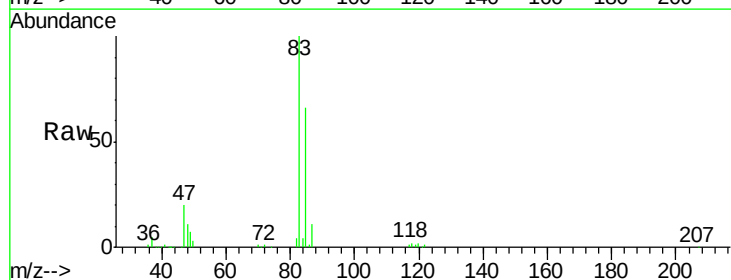
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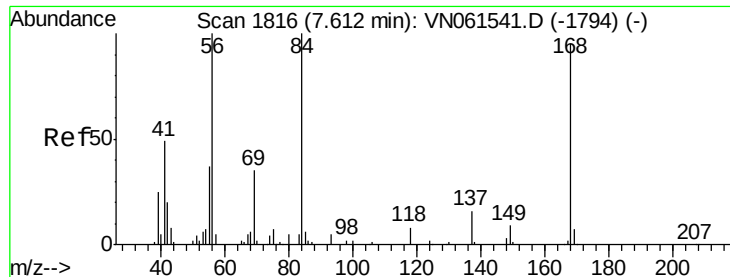
MMDadoda
6/12/2020 5:46:30 PM



#30
Chloroform
Concen: 54.609 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.00 min
Lab File: VN061765.D
Acq: 12 Jun 2020 1:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.7	77.5





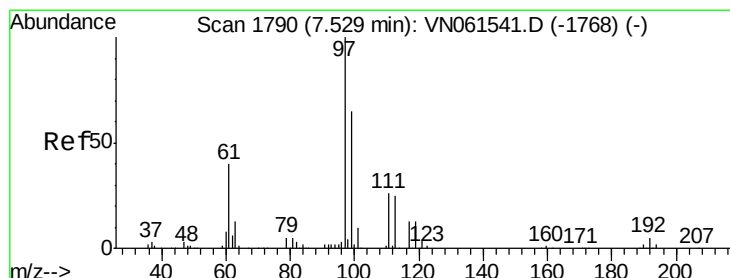
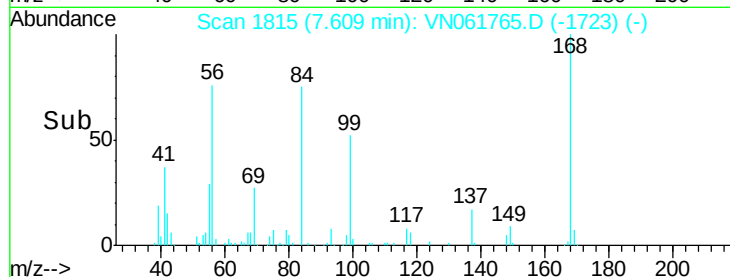
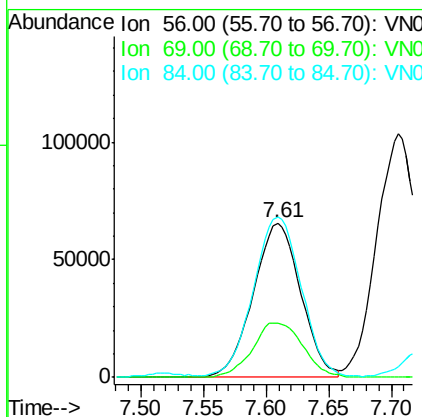
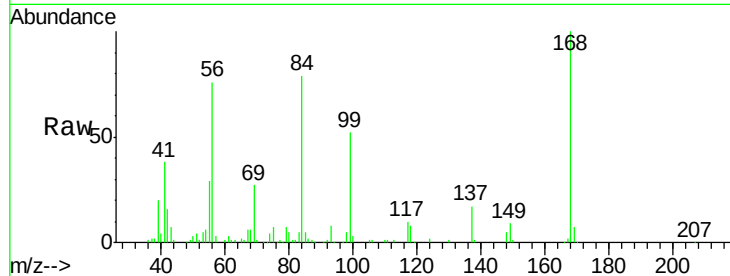
#31
Cyclohexane
Concen: 37.452 ug/l
RT: 7.61 min Scan# 1815
Delta R.T. -0.00 min
Lab File: VN061765.D
Acq: 12 Jun 2020 1:55

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.8	27.8	41.8
84	102.3	79.9	119.9

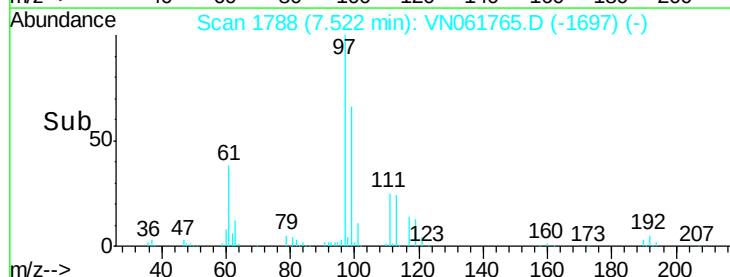
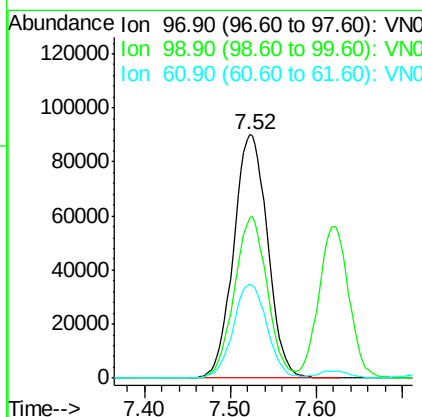
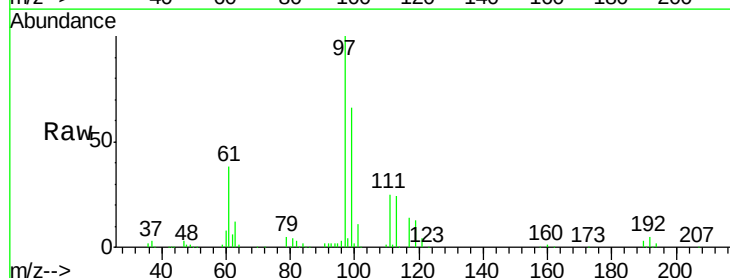
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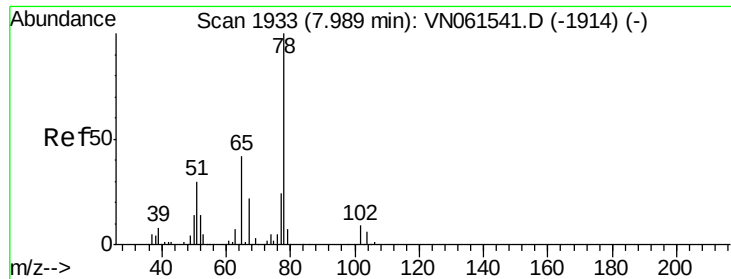
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#32
1,1,1-Trichloroethane
Concen: 47.712 ug/l
RT: 7.52 min Scan# 1788
Delta R.T. -0.01 min
Lab File: VN061765.D
Acq: 12 Jun 2020 1:55

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.4	77.0
61	38.5	31.4	47.0





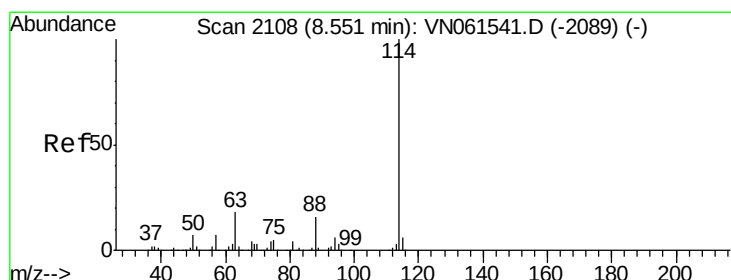
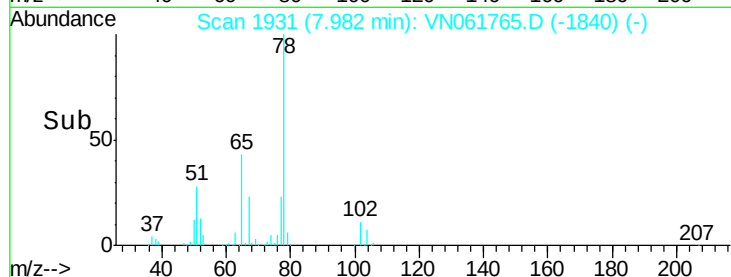
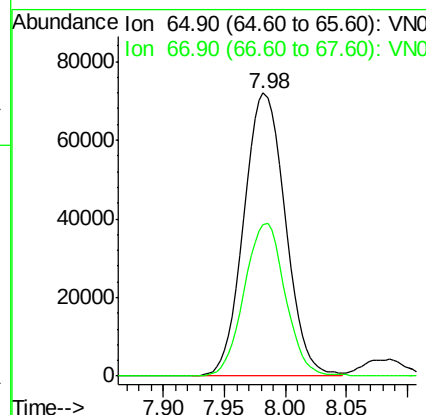
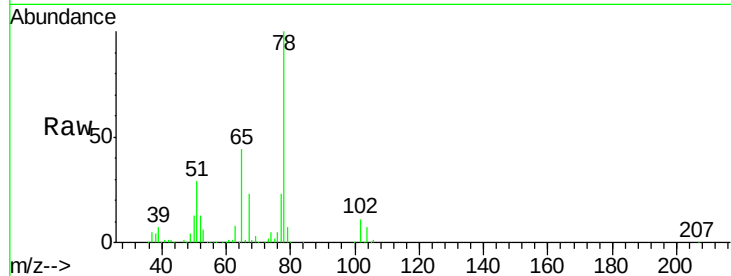
#33
 1,2-Dichloroethane-d4
 Concen: 51.944 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: VN061765.D
 Acq: 12 Jun 2020 1:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	170004		
67	53.1	0.0	104.8	

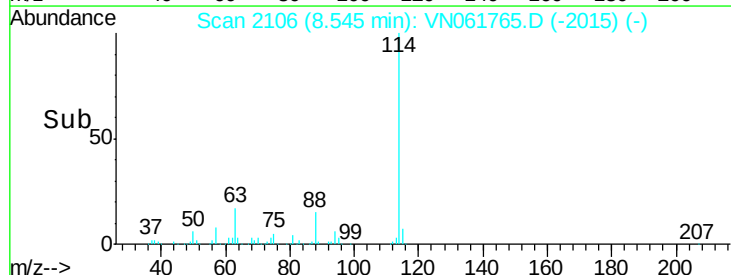
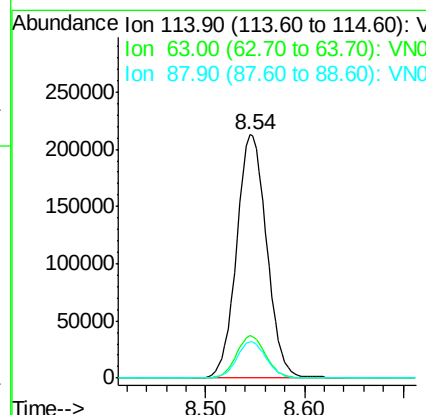
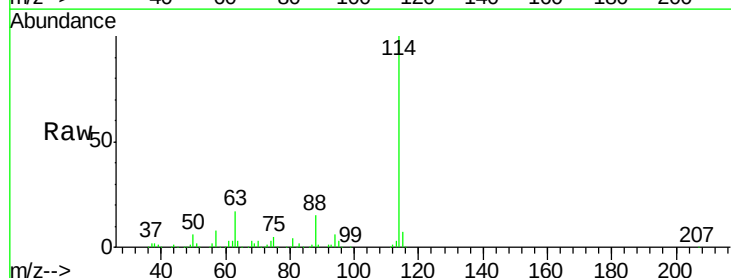
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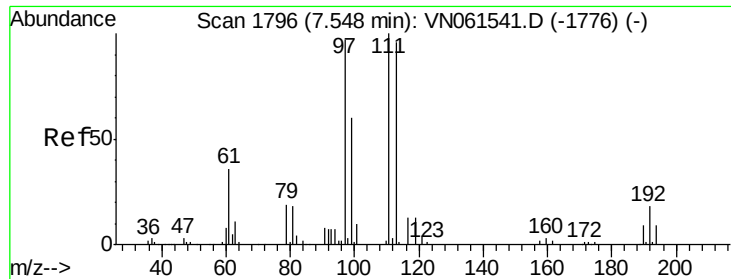
MMDadoda
 6/12/2020 5:46:30 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.54 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: VN061765.D
 Acq: 12 Jun 2020 1:55

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	451489		
63	17.3	0.0	35.8	
88	15.1	0.0	31.0	





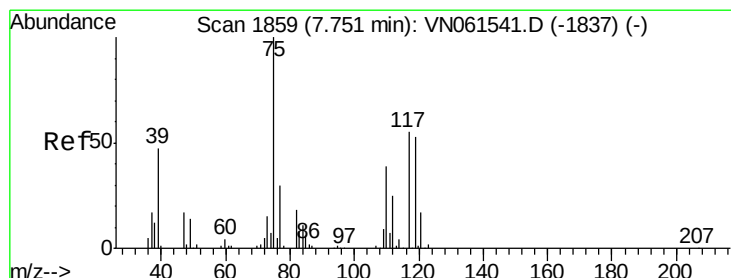
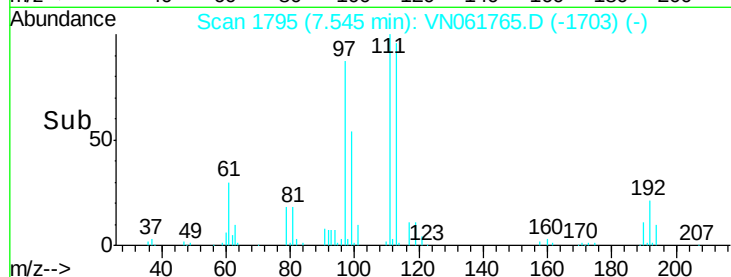
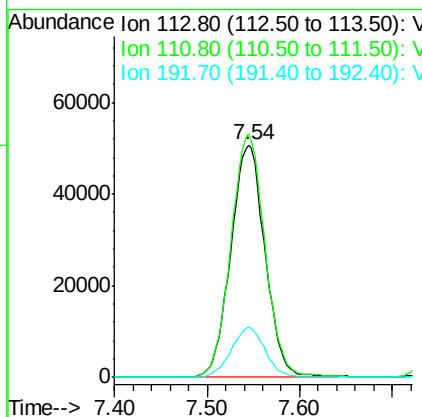
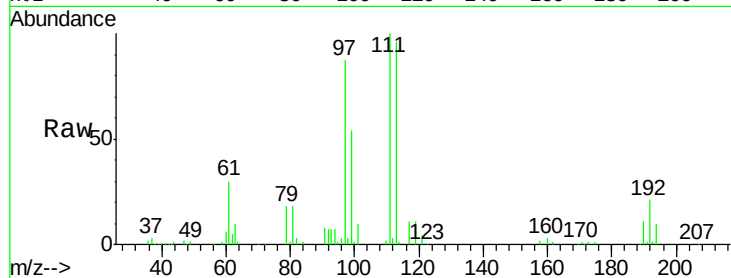
#35
 Dibromofluoromethane
 Concen: 56.770 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN061765.D
 Acq: 12 Jun 2020 1:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	130021		
111	104.2	83.4	125.0	
192	21.0	15.4	23.2	

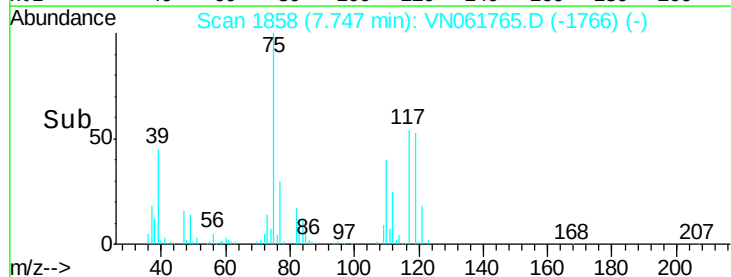
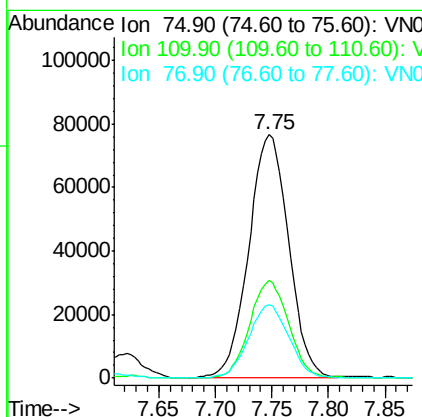
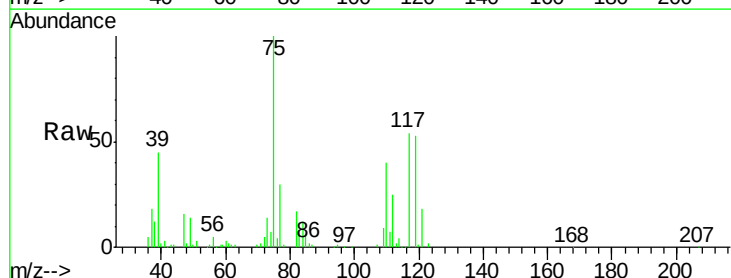
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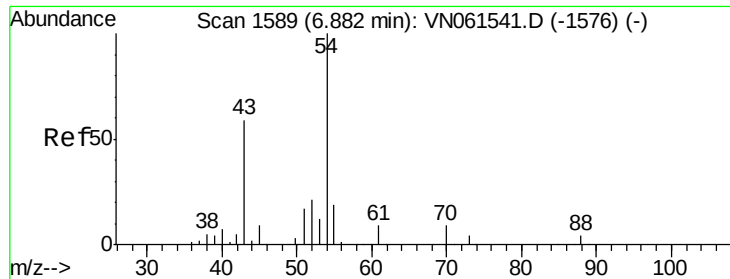
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 46.636 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN061765.D
 Acq: 12 Jun 2020 1:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	186398		
110	39.5	19.5	58.5	
77	30.8	24.7	37.1	





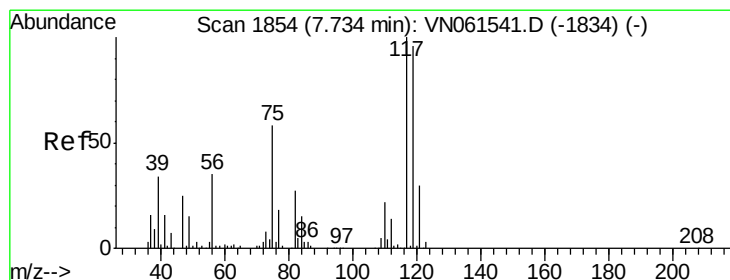
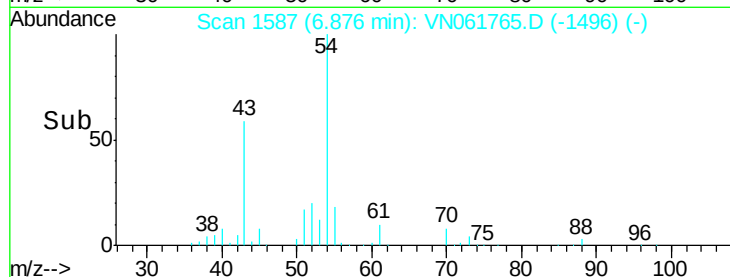
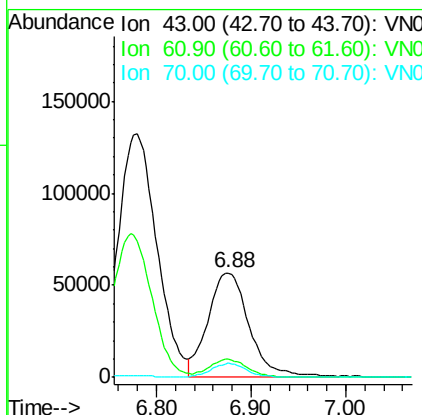
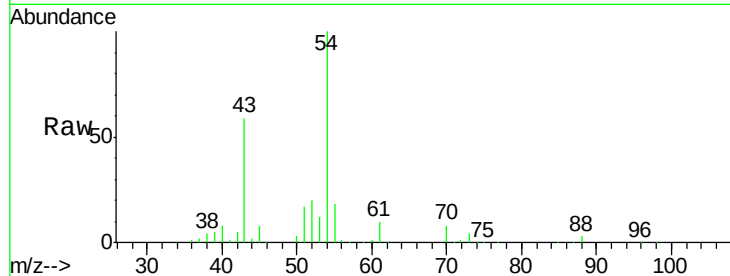
#37
Ethyl Acetate
Concen: 52.537 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.01 min
Lab File: VN061765.D
Acq: 12 Jun 2020 1:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.7	12.2	18.4
70	12.0	9.4	14.2

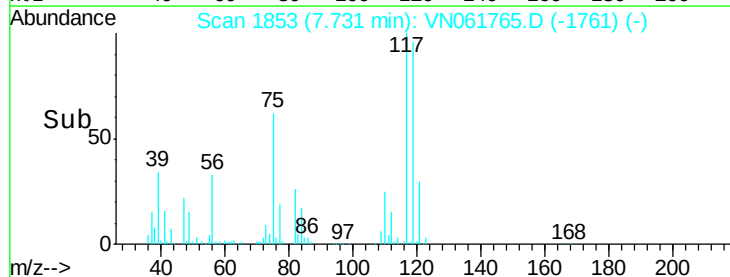
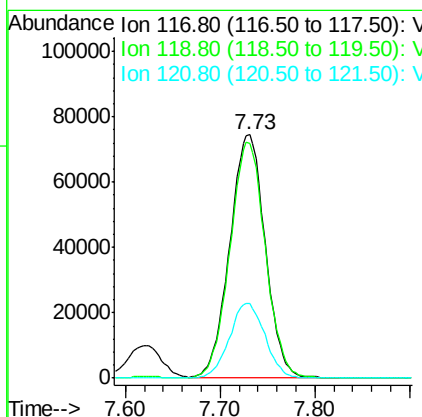
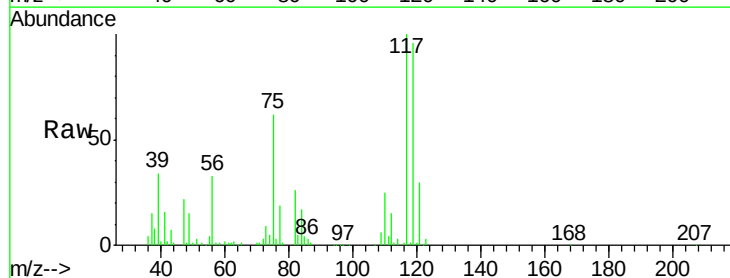
Manual Integrations
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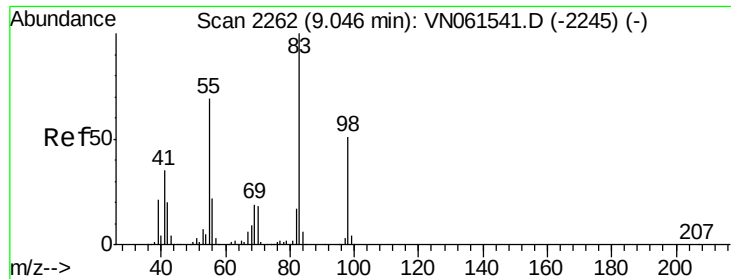
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#38
Carbon Tetrachloride
Concen: 50.015 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061765.D
Acq: 12 Jun 2020 1:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.5	114.7
121	30.6	24.1	36.1





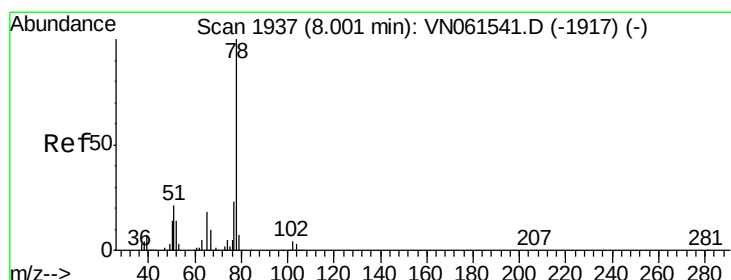
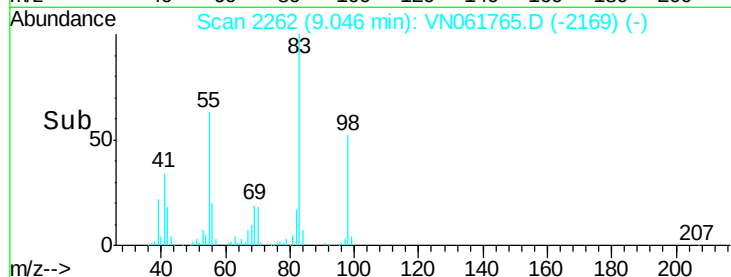
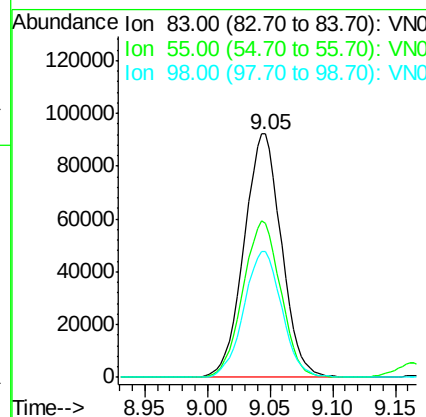
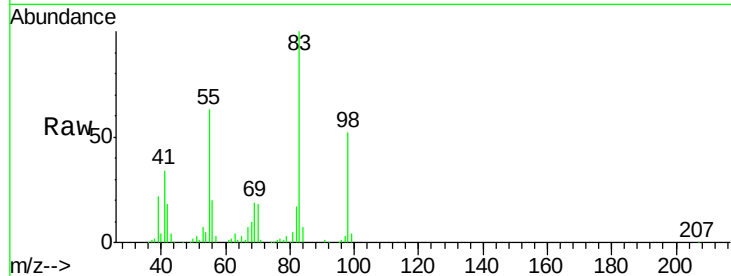
#39
Methylvlcyclohexane
Concen: 38.882 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN061765.D
Acq: 12 Jun 2020 1:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	63.1	54.9	82.3
98	51.9	41.0	61.4

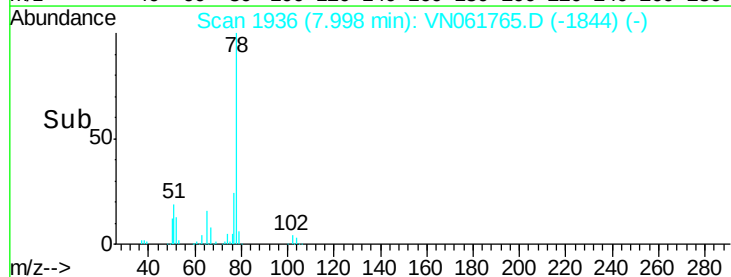
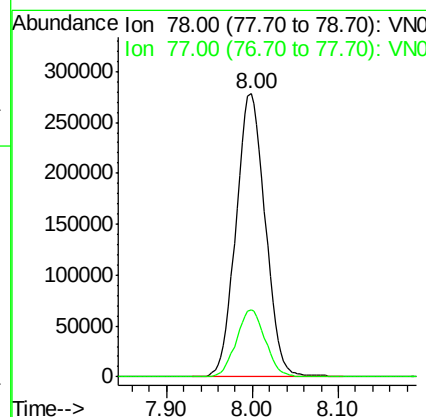
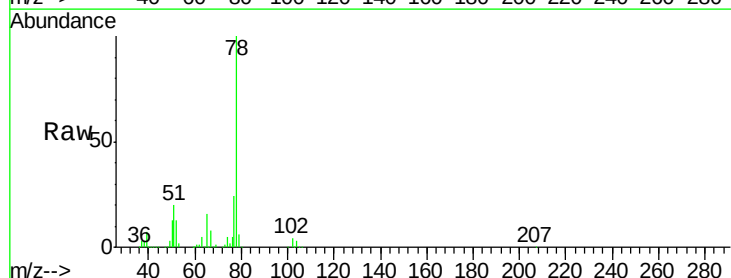
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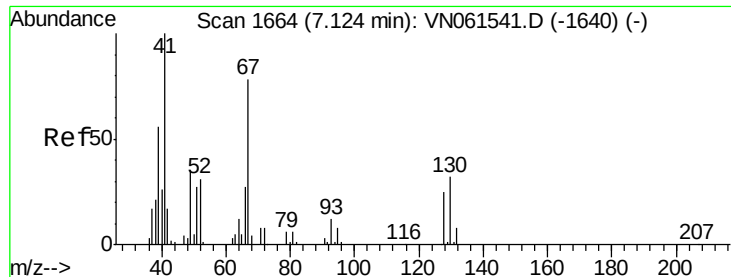
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#40
Benzene
Concen: 53.269 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN061765.D
Acq: 12 Jun 2020 1:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.6	28.0





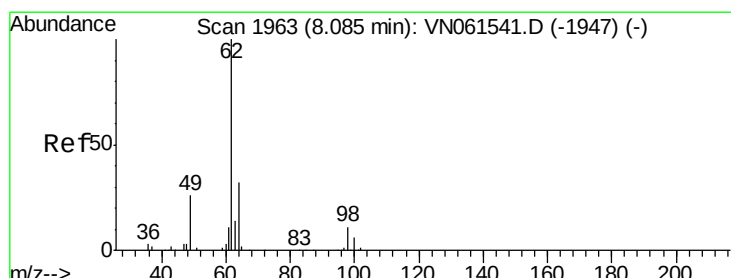
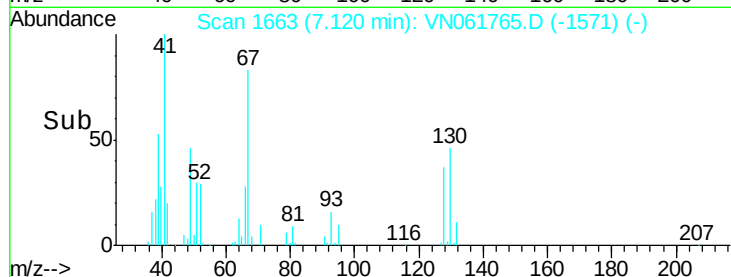
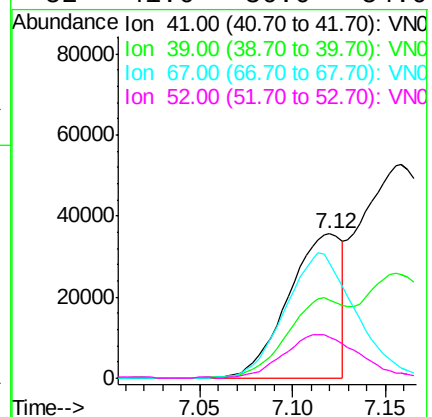
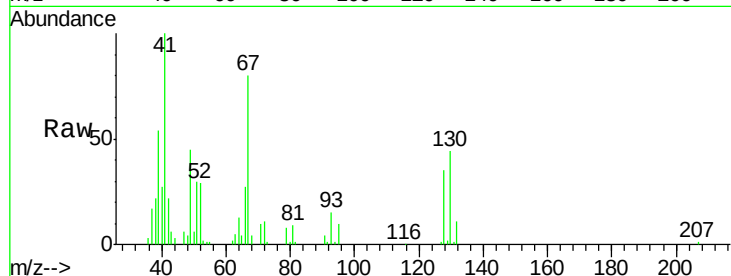
#41
Methacrylonitrile
Concen: 48.599 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.00 min
Lab File: VN061765.D
Acq: 12 Jun 2020 1:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	60.6	53.8	80.6	
67	114.8	91.1	136.7	
52	41.6	36.0	54.0	

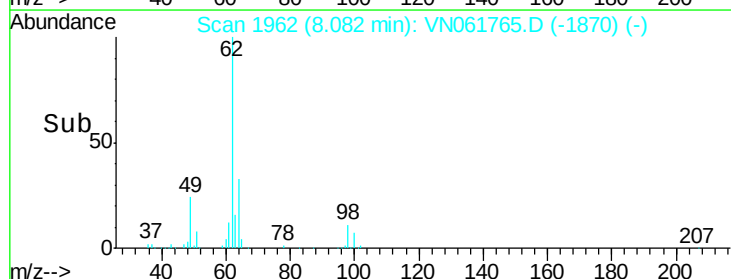
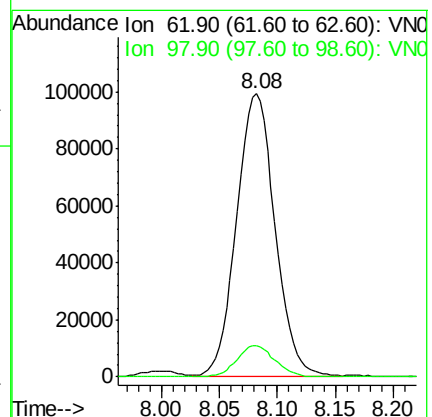
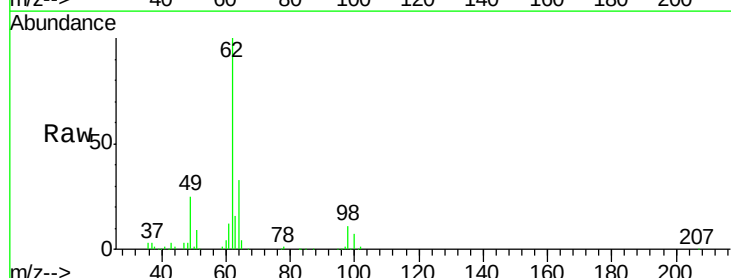
Manual Integrations
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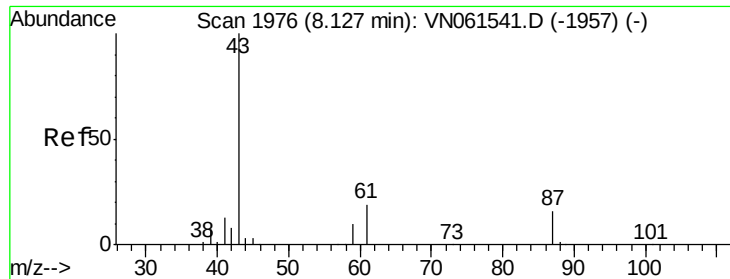
MMDadoda
6/12/2020 5:46:30 PM



#42
1,2-Dichloroethane
Concen: 55.234 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN061765.D
Acq: 12 Jun 2020 1:55

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	11.0	0.0	21.4	





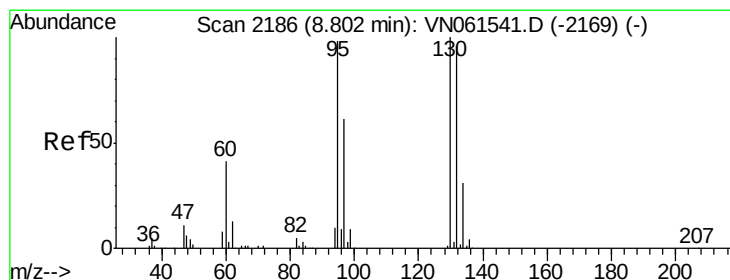
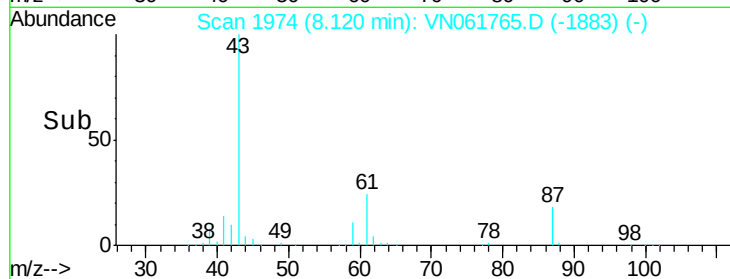
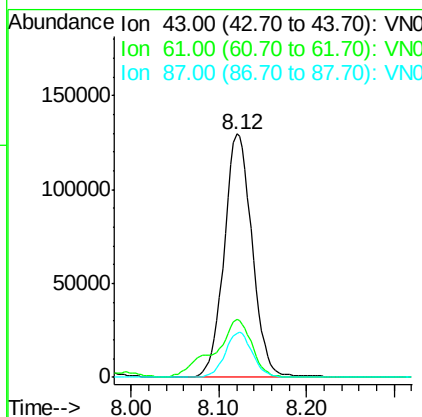
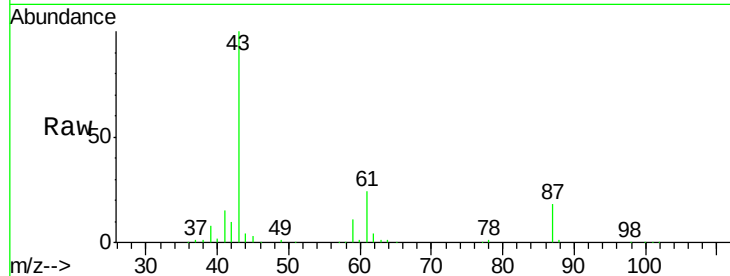
#43
Isopropyl Acetate
Concen: 49.318 ug/l
RT: 8.12 min Scan# 1974
Delta R.T. -0.01 min
Lab File: VN061765.D
Acq: 12 Jun 2020 1:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	32.2	23.6	35.4
87	18.1	13.0	19.6

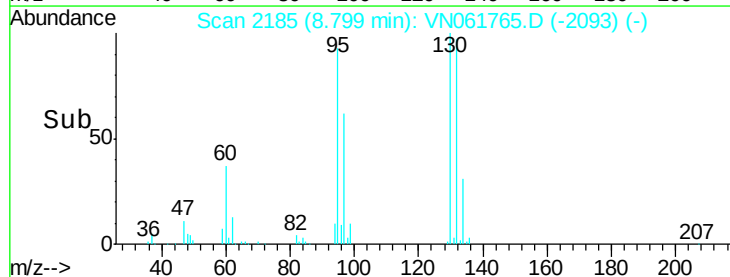
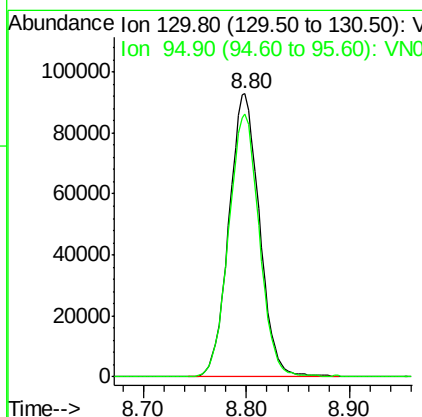
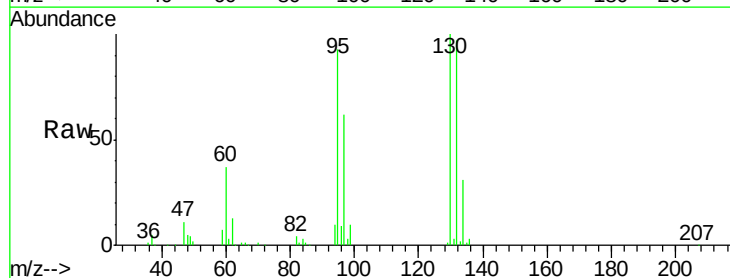
Manual Integrations
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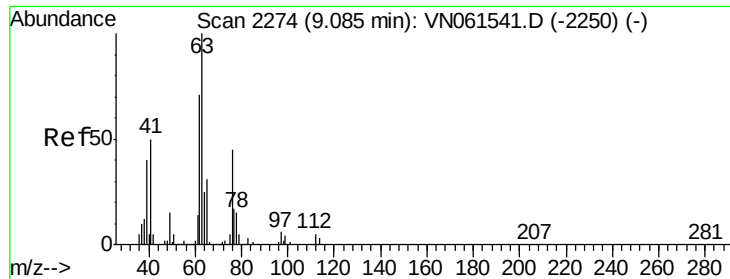
MMDadoda
6/12/2020 5:46:30 PM



#44
Trichloroethene
Concen: 50.486 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN061765.D
Acq: 12 Jun 2020 1:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.9	0.0	196.6





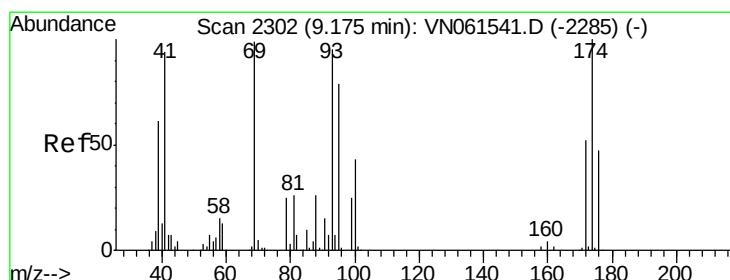
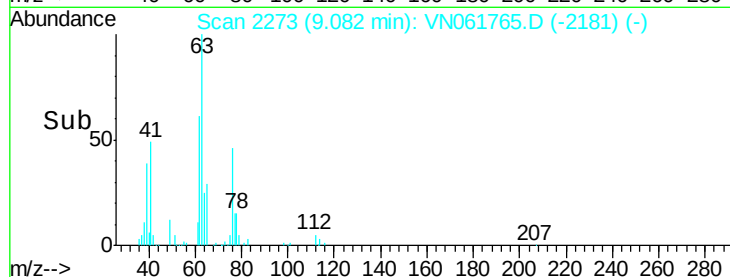
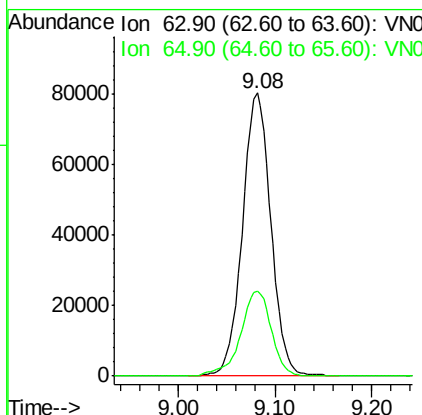
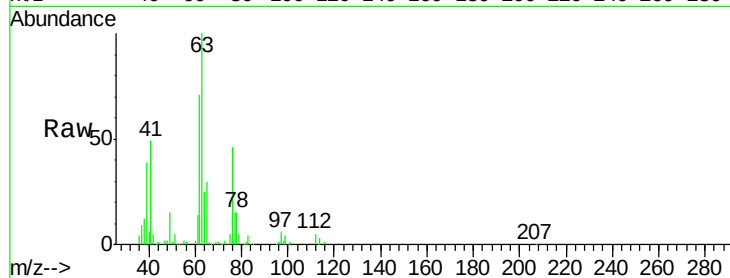
#45
 1,2-Dichloropropane
 Concen: 56.112 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN061765.D
 Acq: 12 Jun 2020 1:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 164315
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.7 37.1

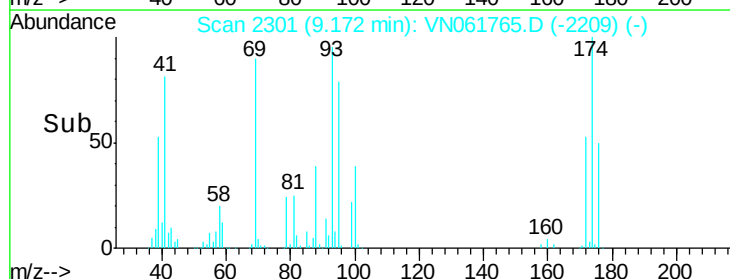
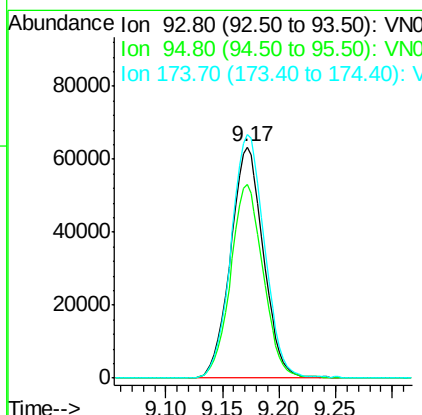
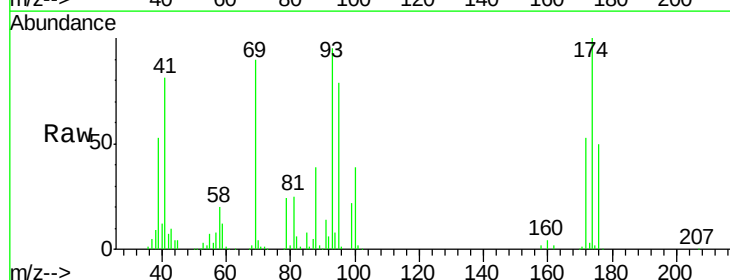
Manual Integrations
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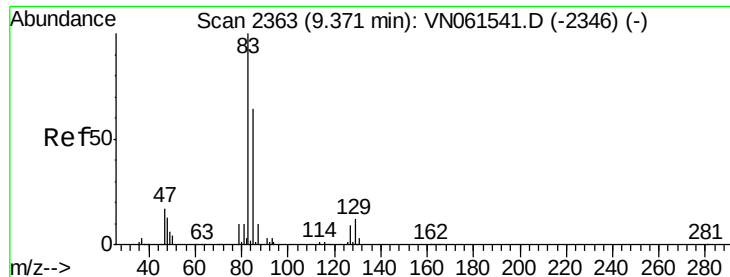
MMDadoda
 6/12/2020 5:46:30 PM



#46
 Dibromomethane
 Concen: 57.152 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN061765.D
 Acq: 12 Jun 2020 1:55

Tgt Ion: 93 Resp: 128356
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.0 99.0
 174 106.7 82.5 123.7





#47

Bromodichloromethane

Concen: 57.146 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061765.D

Acq: 12 Jun 2020 1:55

Instrument :

MSVOA_N

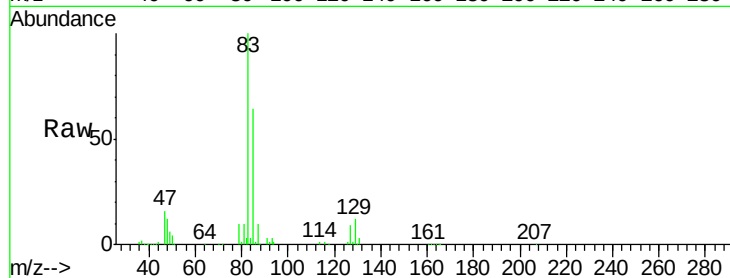
ClientSampleId :

VSTDCCC050

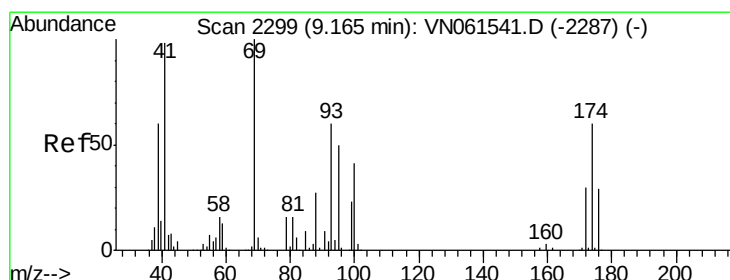
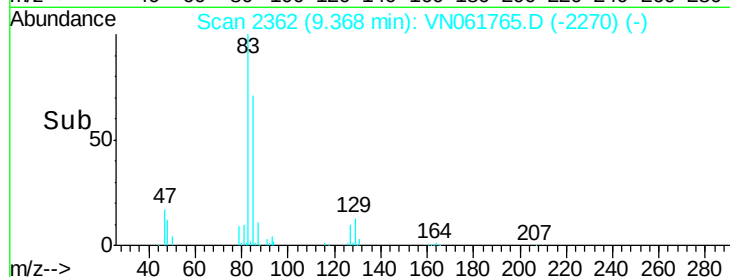
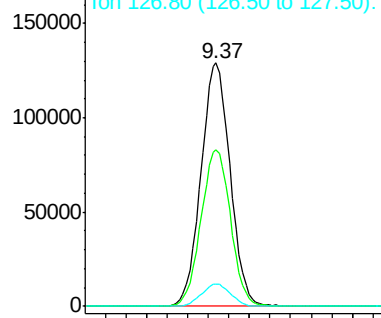
Tot Ion:	83	Resp:	254273
Ion Ratio	Lower	Upper	
83	100		
85	64.5	51.1	76.7
127	9.2	7.2	10.8

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VN061765.D (-2270) (-)



#48

Methyl methacrylate

Concen: 48.620 ug/l

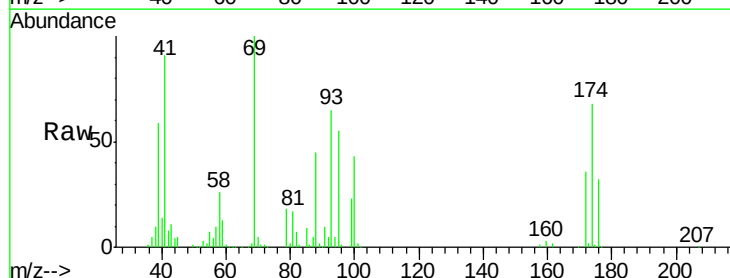
RT: 9.16 min Scan# 2298

Delta R.T. -0.00 min

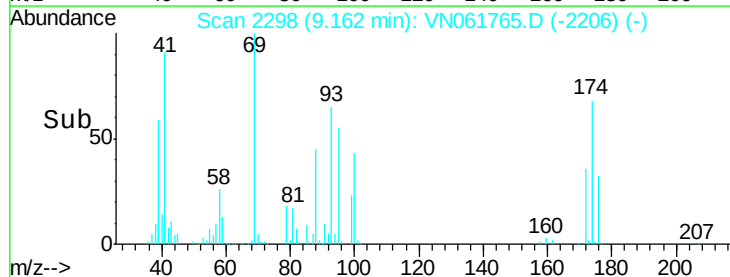
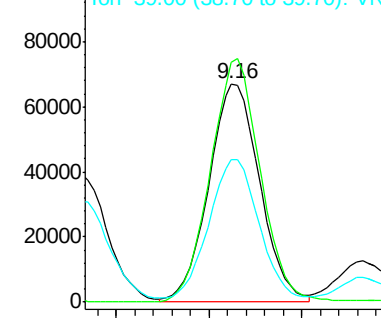
Lab File: VN061765.D

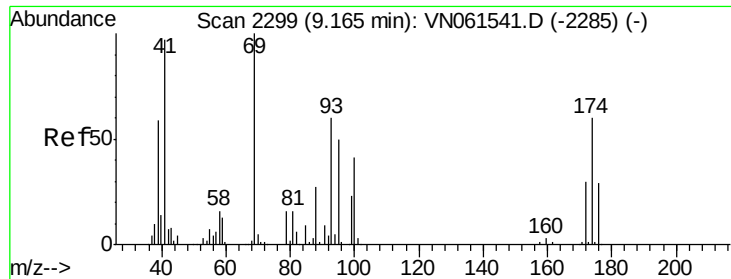
Acq: 12 Jun 2020 1:55

Tgt Ion:	41	Resp:	126693
Ion Ratio	Lower	Upper	
41	100		
69	110.7	83.9	125.9
39	65.5	52.1	78.1



Abundance Ion 41.00 (40.70 to 41.70): VN061765.D (-2206) (-)





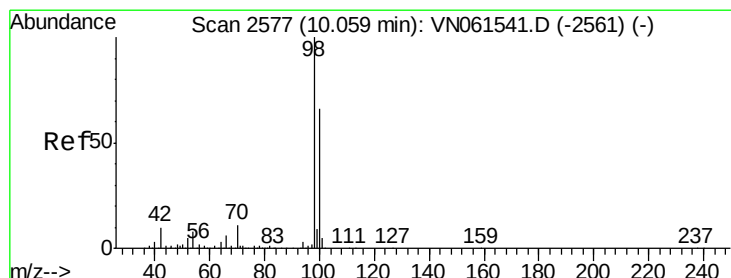
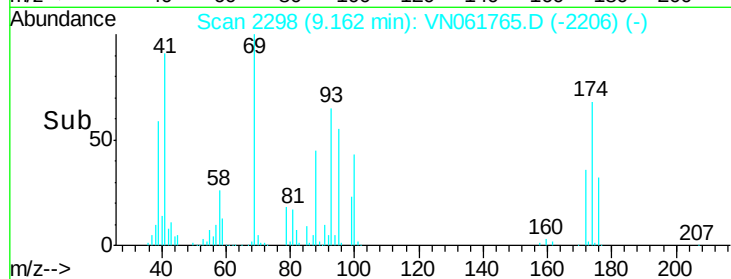
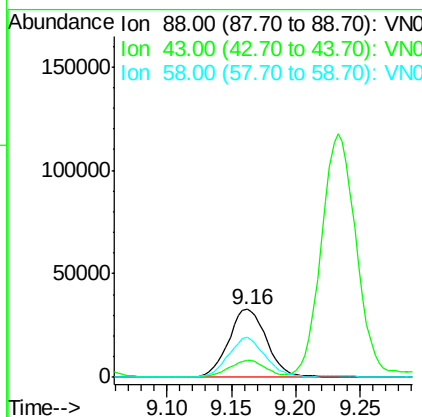
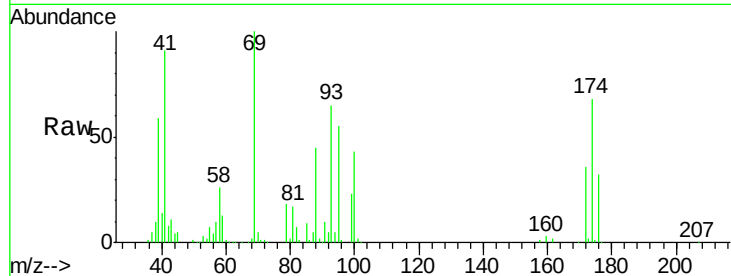
#49
1,4-Dioxane
Concen: 1678.289 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN061765.D
Acq: 12 Jun 2020 1:55

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	24.7	23.1	34.7
58	56.3	48.3	72.5

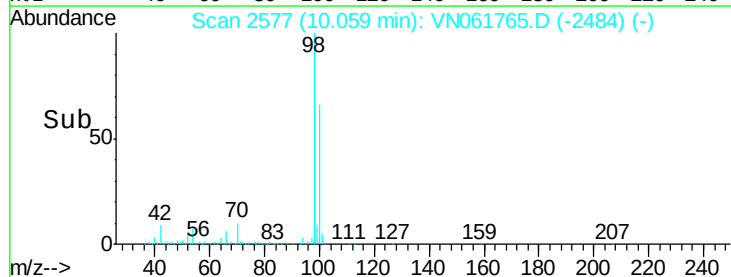
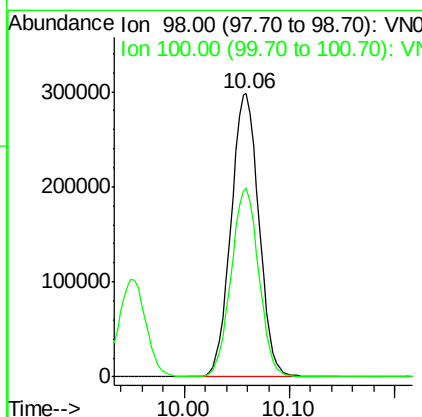
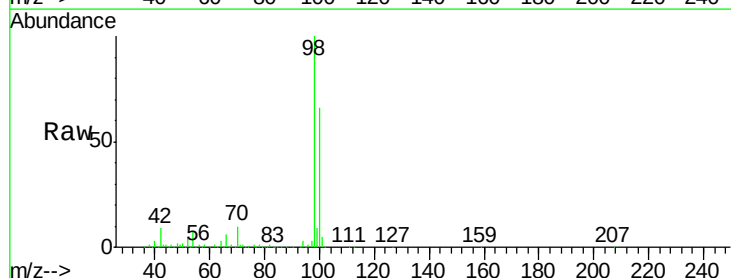
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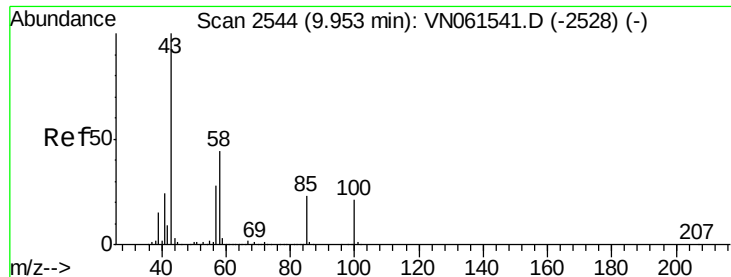
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#50
Toluene-d8
Concen: 51.410 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN061765.D
Acq: 12 Jun 2020 1:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.8	79.2





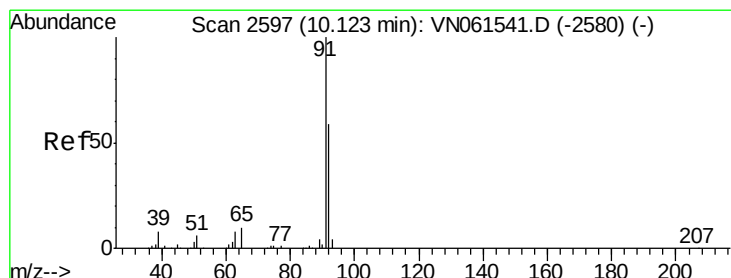
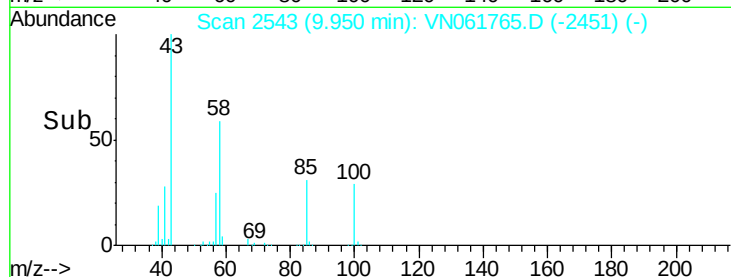
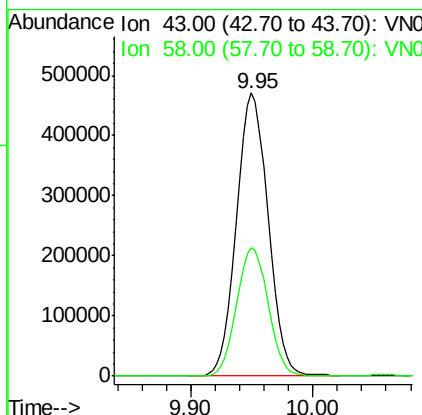
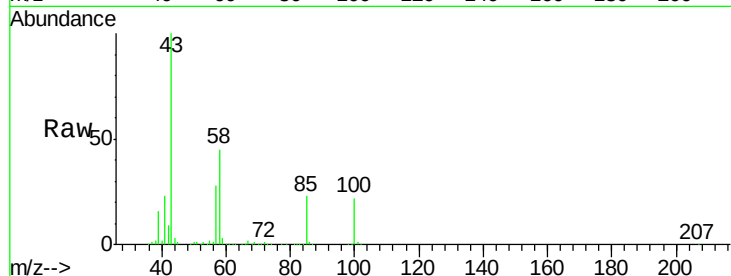
#51
4-Methyl-2-Pentanone
Concen: 258.738 ug/l
RT: 9.95 min Scan# 2543
Delta R.T. -0.00 min
Lab File: VN061765.D
Acq: 12 Jun 2020 1:55

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 43 Resp: 844460
Ion Ratio Lower Upper
43 100
58 45.3 35.0 52.6

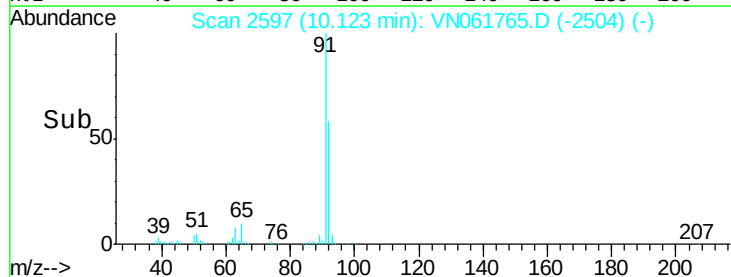
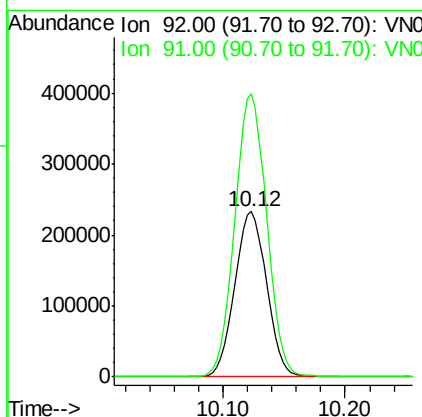
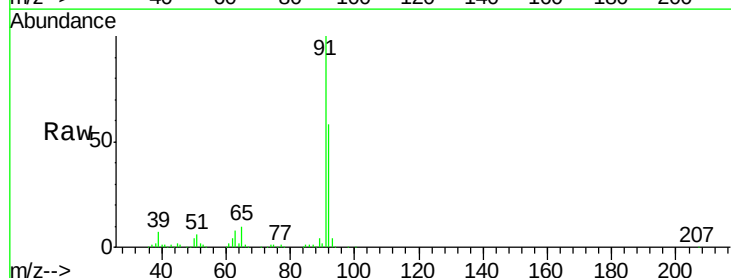
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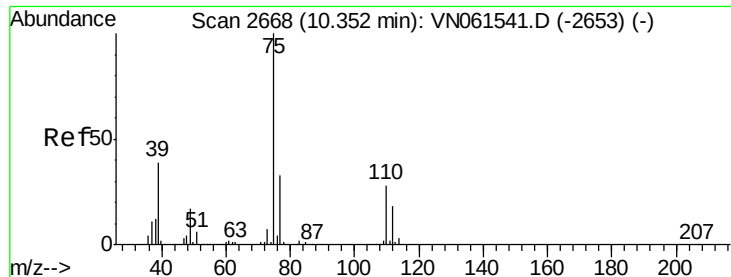
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#52
Toluene
Concen: 52.438 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN061765.D
Acq: 12 Jun 2020 1:55

Tgt Ion: 92 Resp: 422070
Ion Ratio Lower Upper
92 100
91 171.5 136.4 204.6





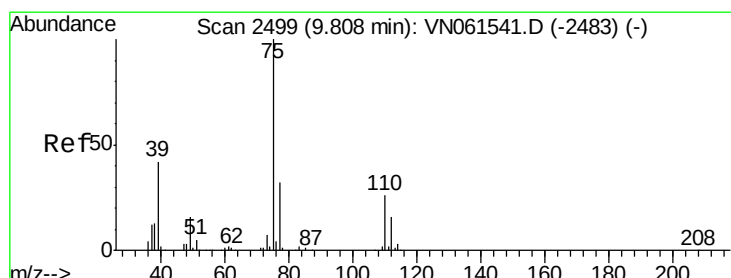
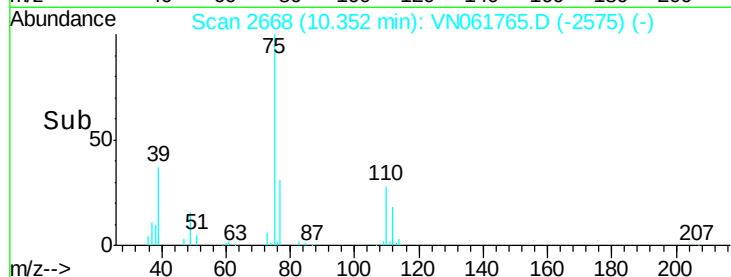
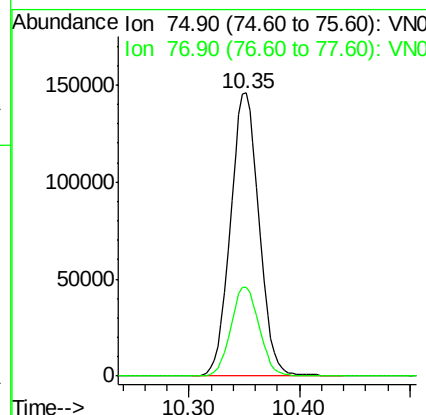
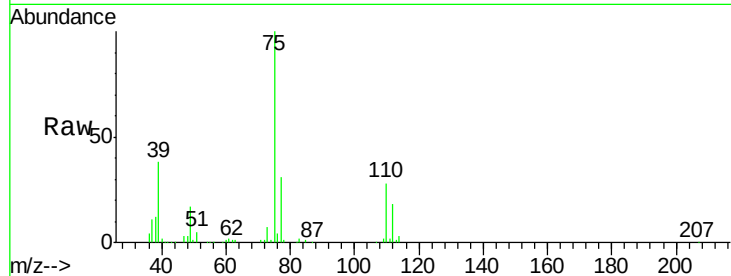
#53
t-1,3-Dichloropropene
Concen: 54.753 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN061765.D
Acq: 12 Jun 2020 1:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	26.2	39.4

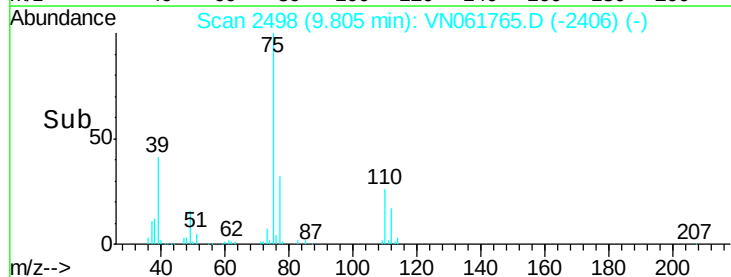
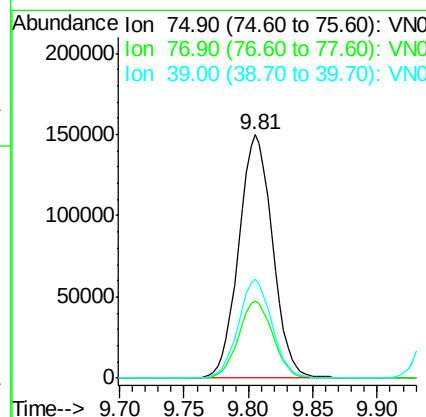
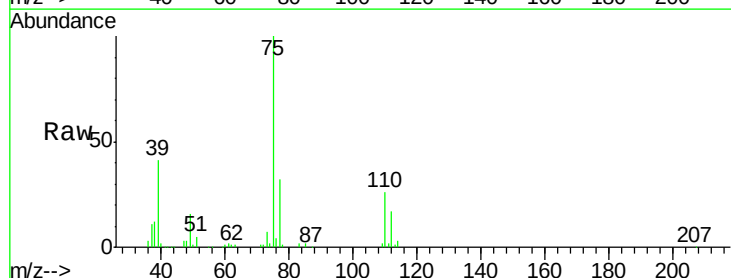
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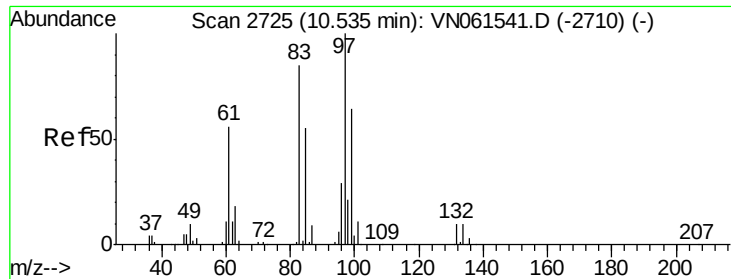
MMDadoda
6/12/2020 5:46:30 PM



#54
cis-1,3-Dichloropropene
Concen: 53.149 ug/l
RT: 9.81 min Scan# 2498
Delta R.T. -0.00 min
Lab File: VN061765.D
Acq: 12 Jun 2020 1:55

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.4	38.2
39	40.8	33.8	50.6





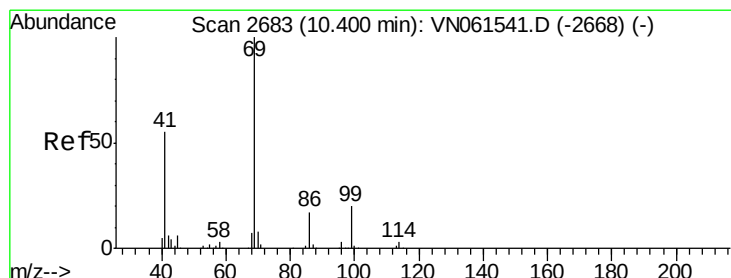
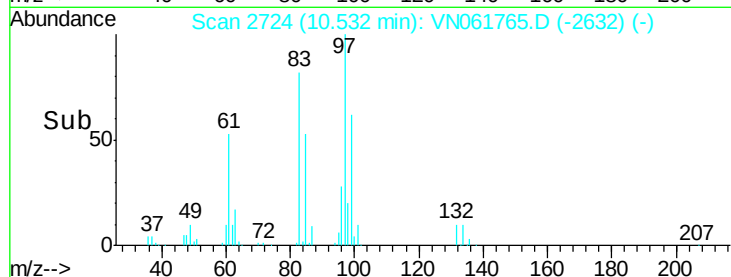
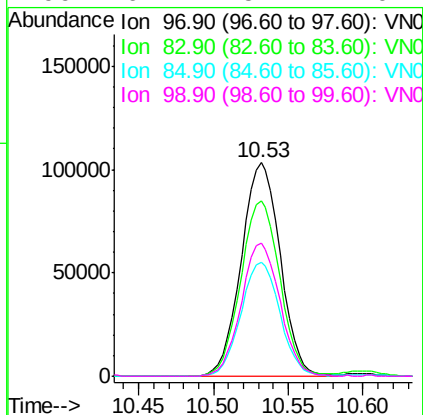
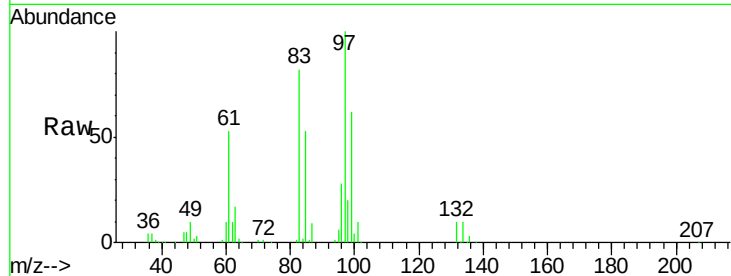
#55
 1,1,2-Trichloroethane
 Concen: 58.543 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061765.D
 Acq: 12 Jun 2020 1:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	187733
Ion	Ratio	Lower	Upper
97	100		
83	82.4	68.1	102.1
85	53.5	44.1	66.1
99	62.4	51.1	76.7

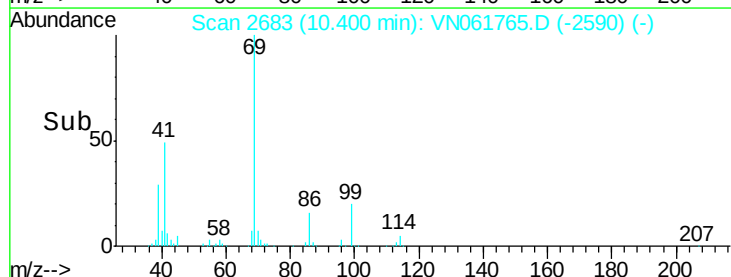
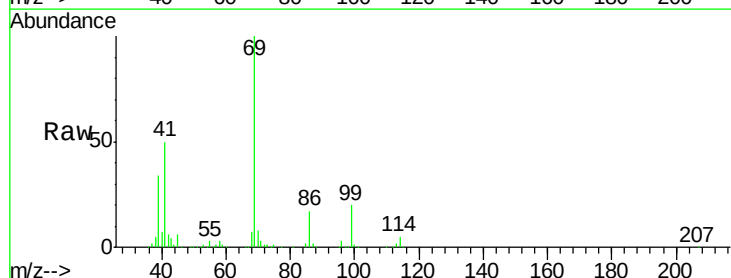
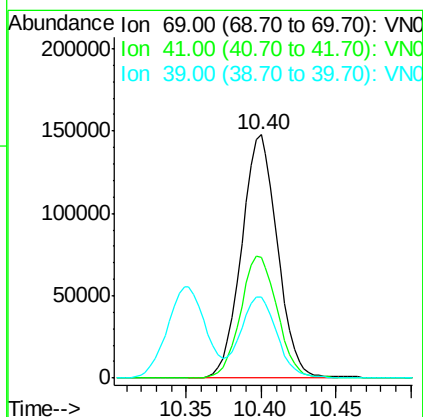
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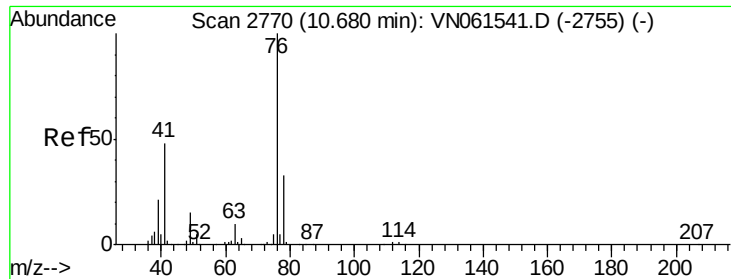
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#56
 Ethyl methacrylate
 Concen: 55.077 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN061765.D
 Acq: 12 Jun 2020 1:55

Tgt Ion:	69	Resp:	246718
Ion	Ratio	Lower	Upper
69	100		
41	51.1	43.5	65.3
39	33.9	27.0	40.6





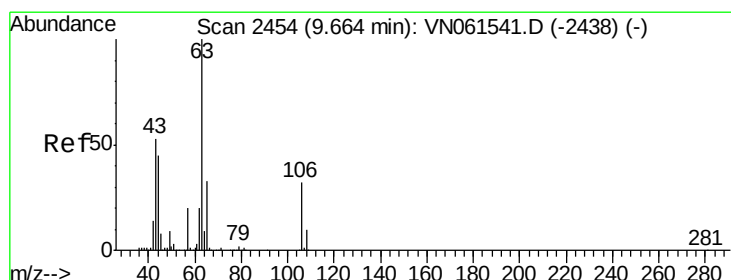
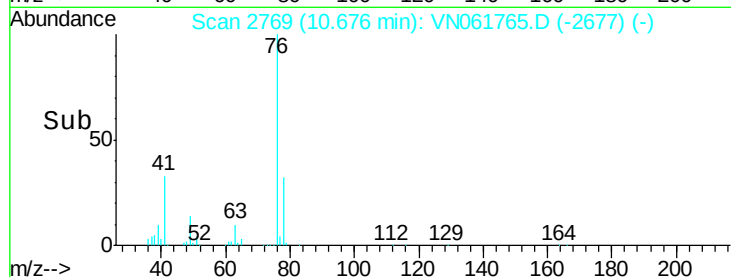
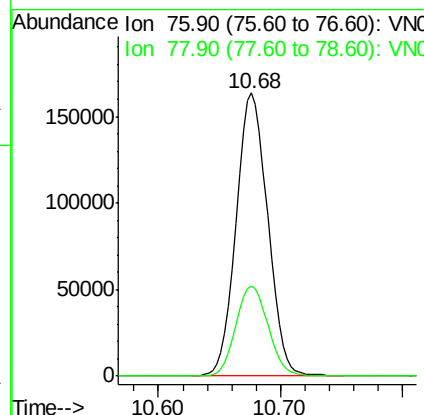
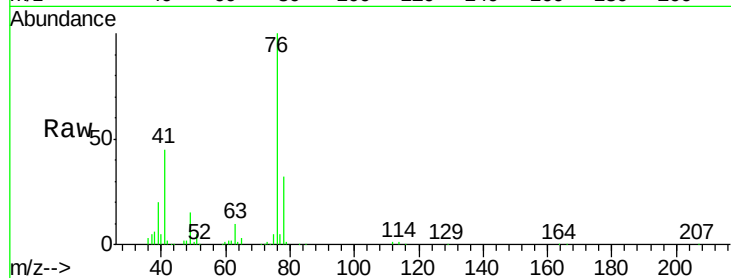
#57
 1,3-Dichloropropane
 Concen: 57.369 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN061765.D
 Acq: 12 Jun 2020 1:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.3	39.5

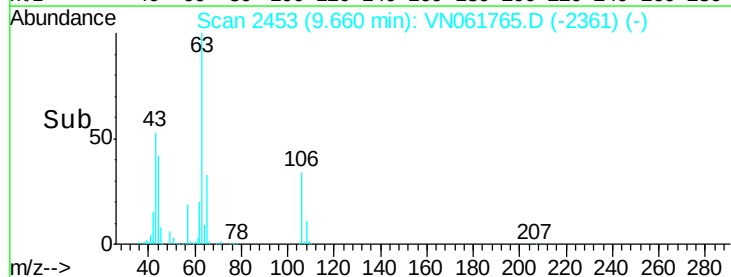
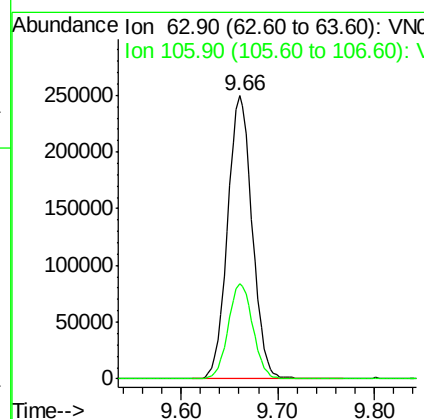
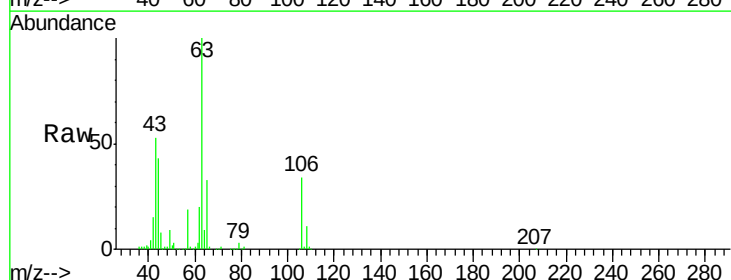
Manual Integrations
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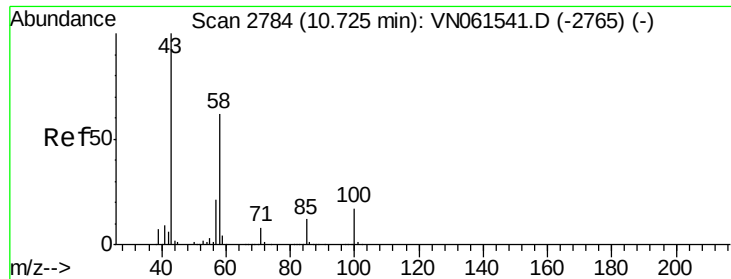
MMDadoda
 6/12/2020 5:46:30 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 230.495 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN061765.D
 Acq: 12 Jun 2020 1:55

Tgt Ion	Ratio	Lower	Upper
63	100		
106	33.7	25.9	38.9





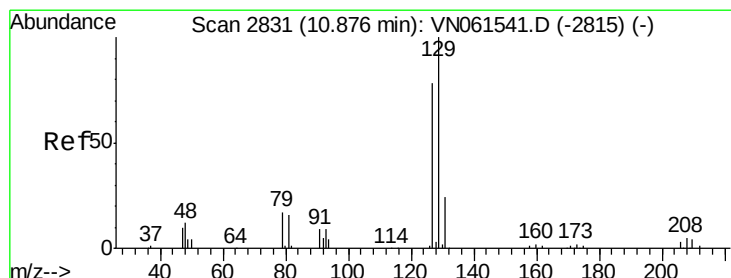
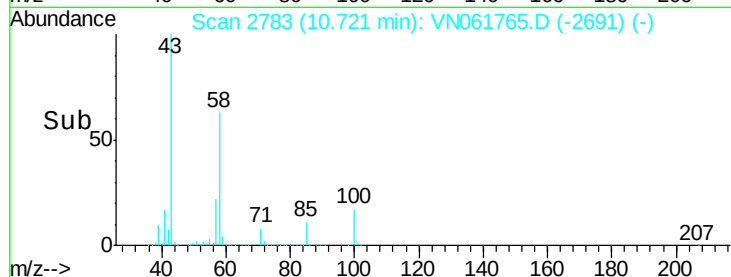
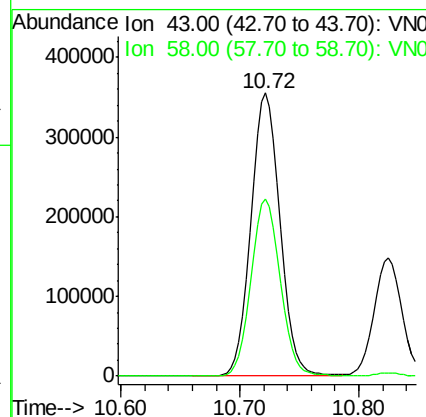
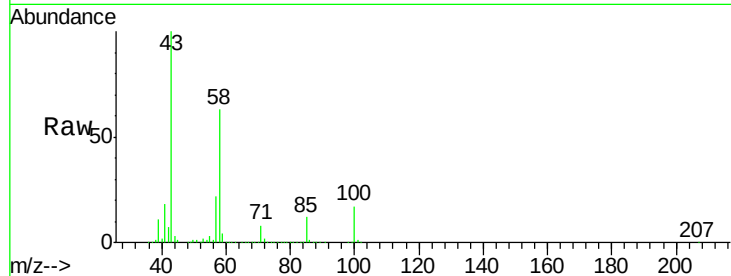
#59
2-Hexanone
Concen: 257.001 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061765.D
Acq: 12 Jun 2020 1:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 602397
Ion Ratio Lower Upper
43 100
58 63.0 30.7 92.1

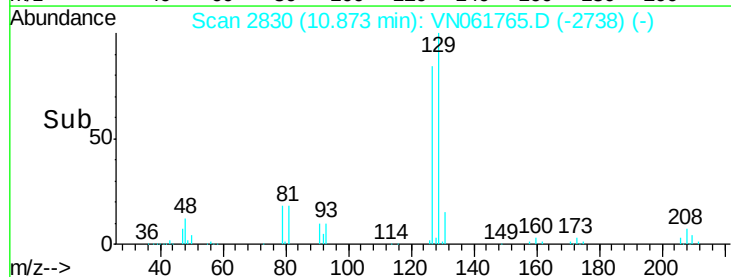
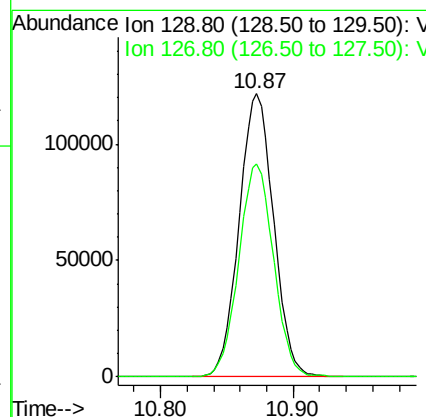
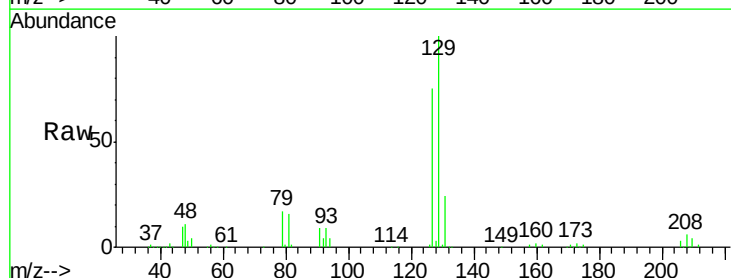
Manual Integrations
APPROVED

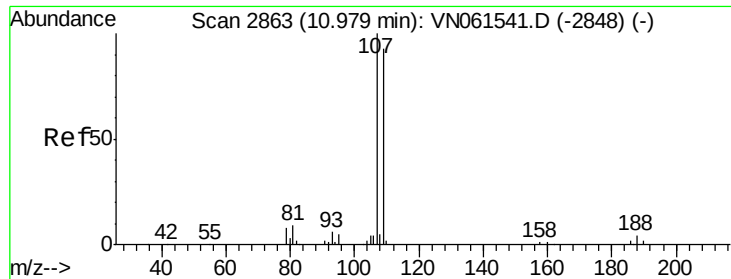
MMDadoda
6/12/2020 5:46:30 PM



#60
Dibromochloromethane
Concen: 60.322 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061765.D
Acq: 12 Jun 2020 1:55

Tgt Ion: 129 Resp: 219912
Ion Ratio Lower Upper
129 100
127 75.9 38.8 116.3





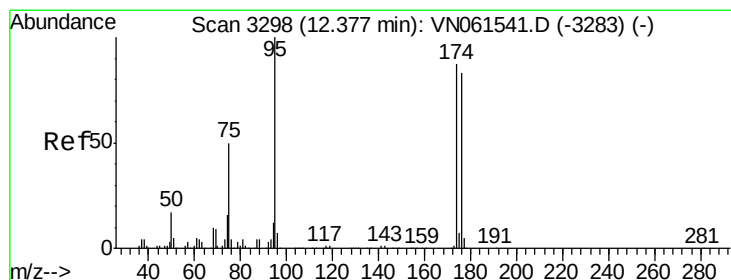
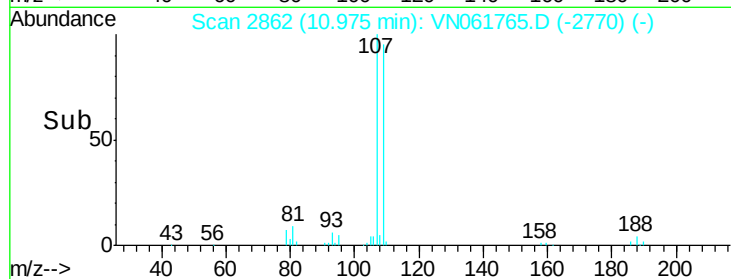
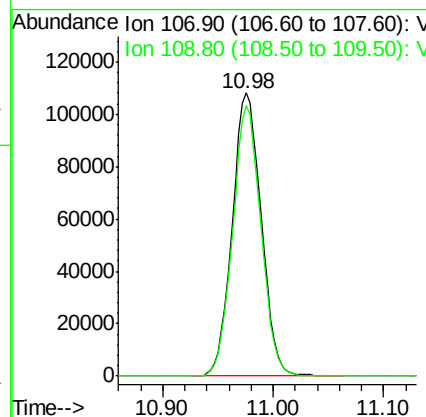
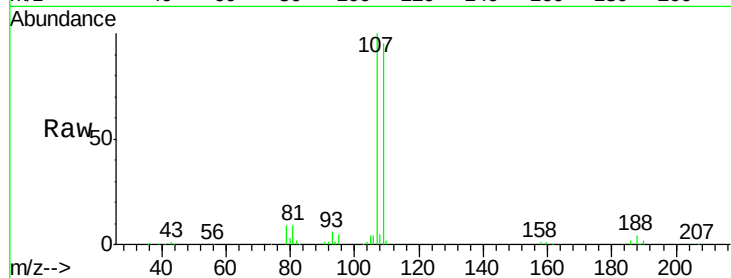
#61
 1,2-Dibromoethane
 Concen: 58.842 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061765.D
 Acq: 12 Jun 2020 1:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	196797		
109	93.8	76.1	114.1	

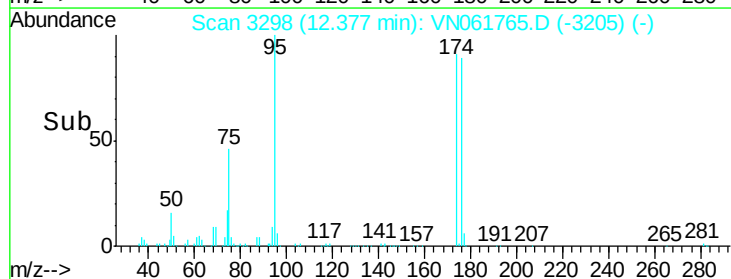
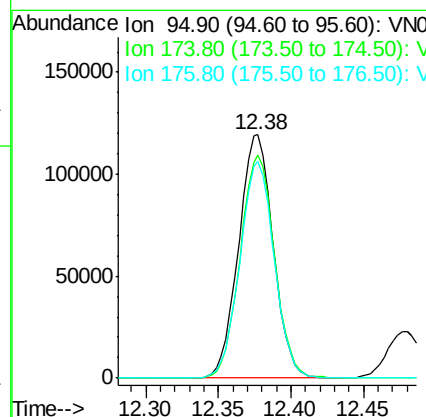
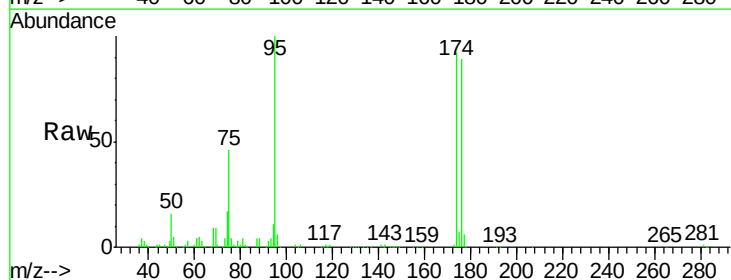
Manual Integrations
 APPROVED

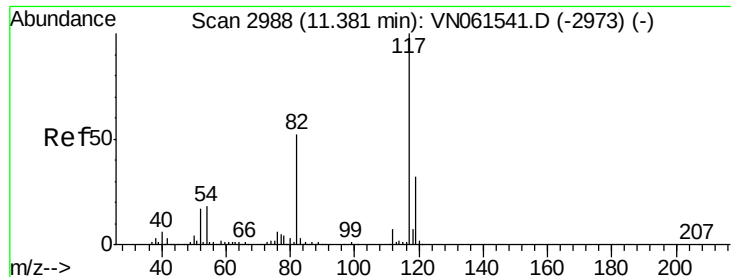
MMDadoda
 6/12/2020 5:46:30 PM



#62
 4-Bromofluorobenzene
 Concen: 51.058 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN061765.D
 Acq: 12 Jun 2020 1:55

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	197710		
174	91.2	0.0	172.8	
176	88.5	0.0	164.8	





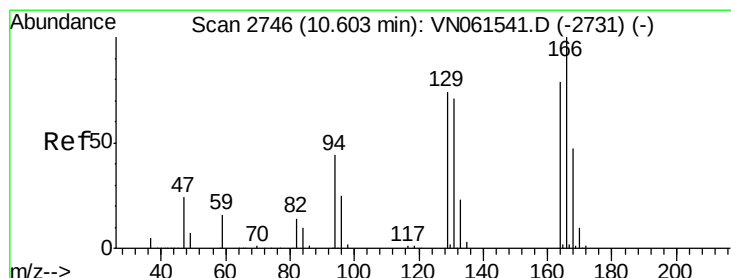
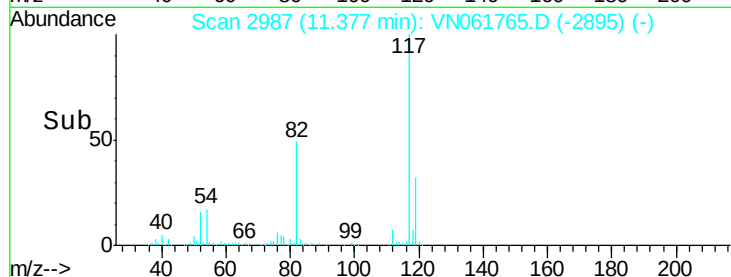
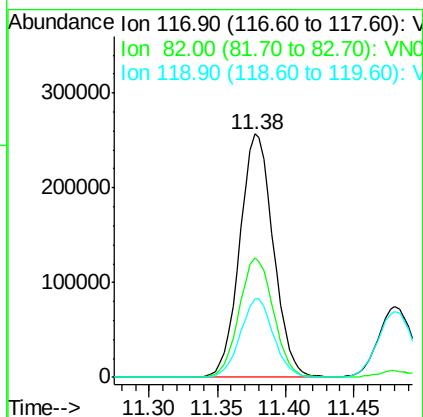
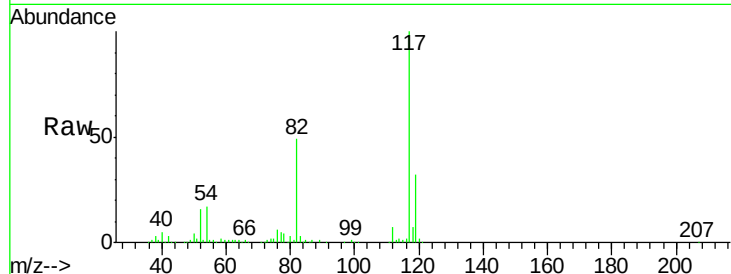
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN061765.D
Acq: 12 Jun 2020 1:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.0	41.5	62.3
119	32.2	25.6	38.4

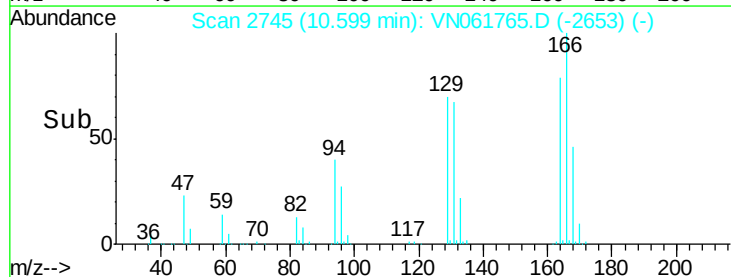
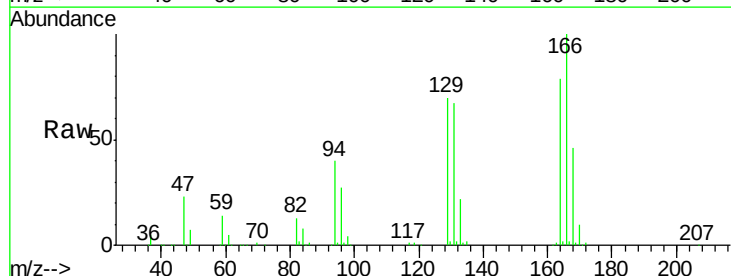
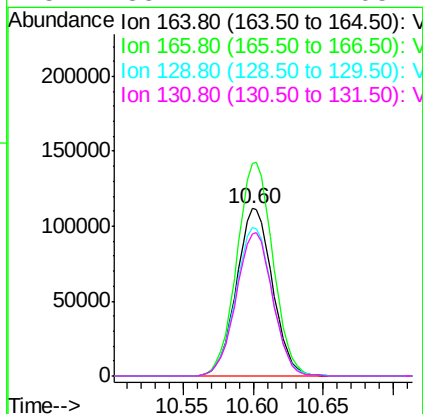
Manual Integrations
APPROVED

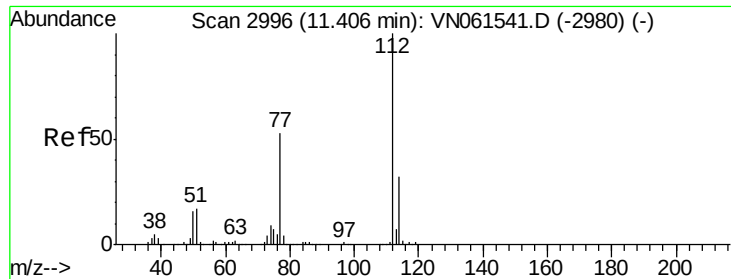
MMDadoda
6/12/2020 5:46:30 PM



#64
Tetrachloroethene
Concen: 48.314 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN061765.D
Acq: 12 Jun 2020 1:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.8	101.5	152.3
129	88.6	74.9	112.3
131	85.1	72.2	108.2





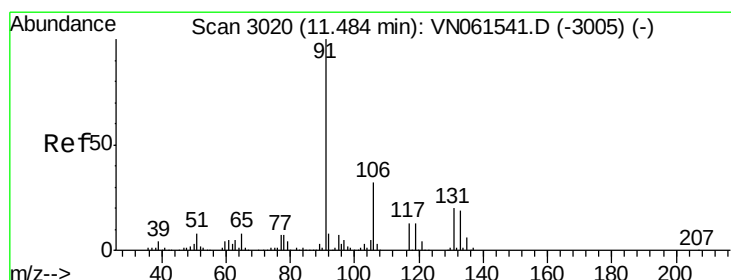
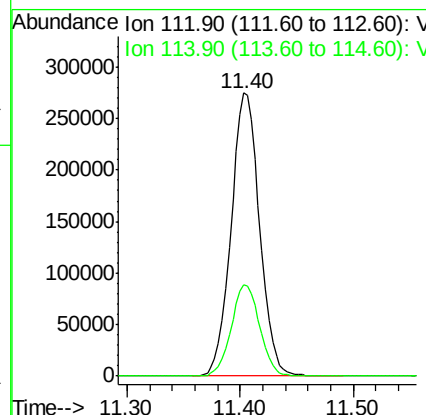
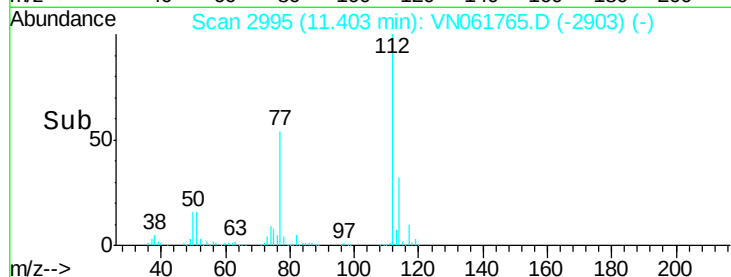
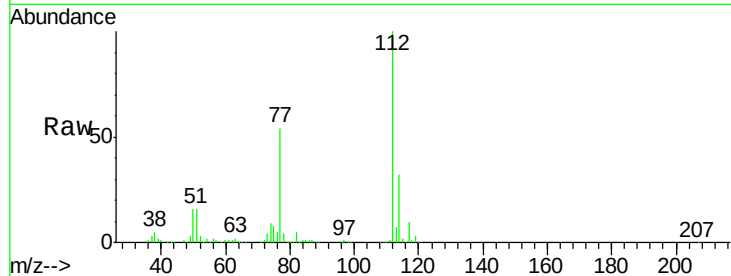
#65
Chlorobenzene
Concen: 52.432 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN061765.D
Acq: 12 Jun 2020 1:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.7	38.5

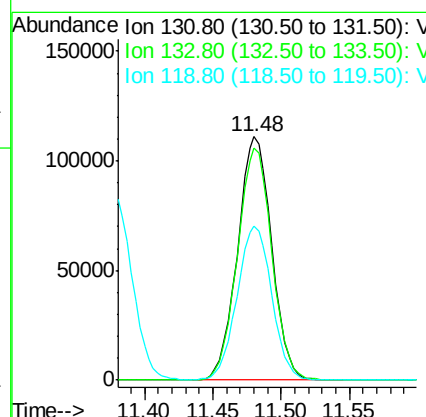
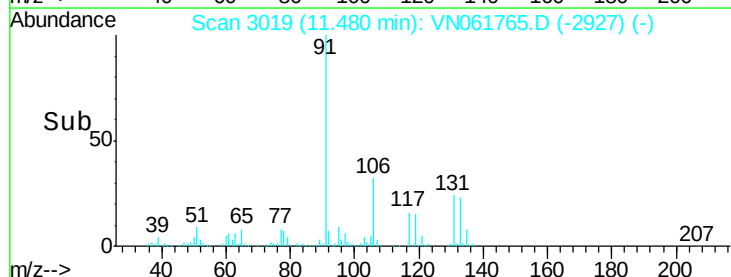
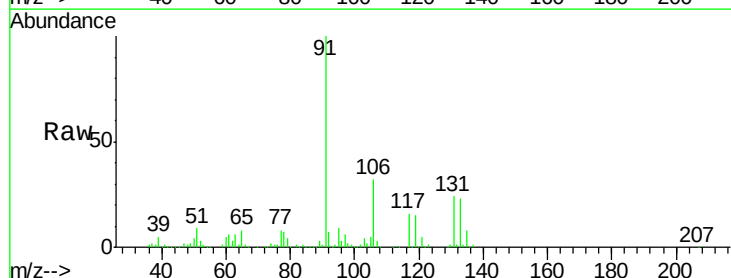
Manual Integrations
APPROVED

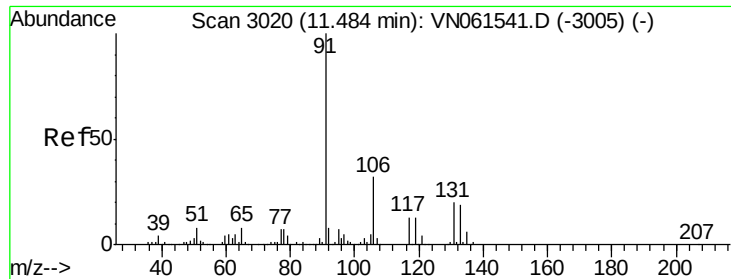
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 56.563 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061765.D
Acq: 12 Jun 2020 1:55

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.2	47.4	142.2
119	64.4	32.6	97.8





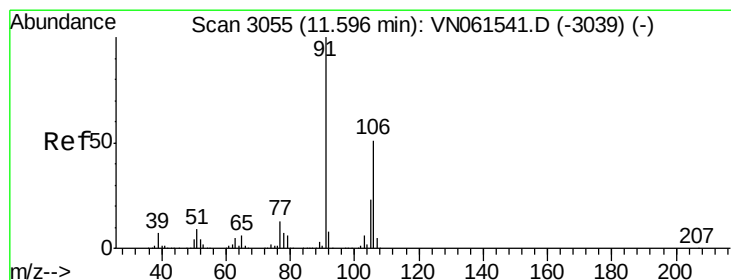
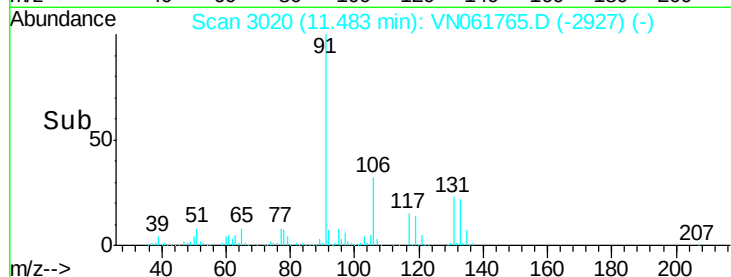
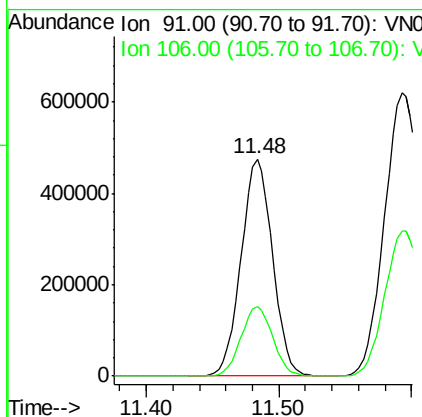
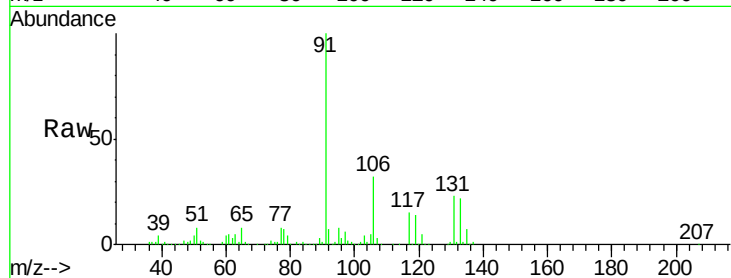
#67
Ethyl Benzene
Concen: 49.451 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061765.D
Acq: 12 Jun 2020 1:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.3	25.6	38.4

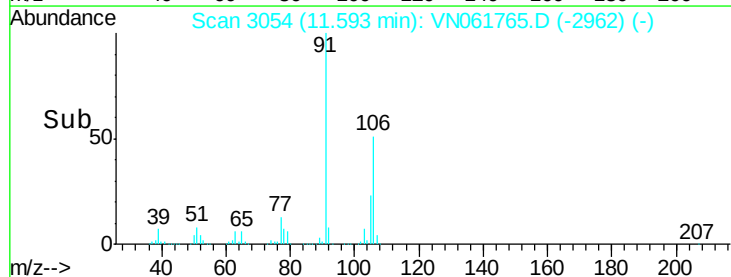
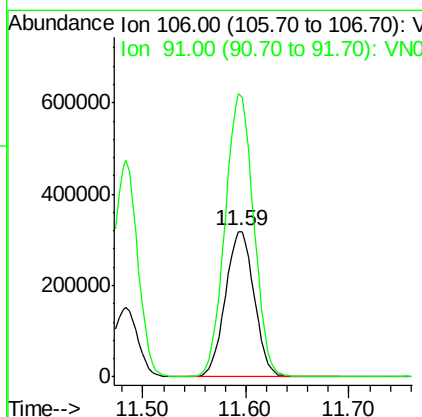
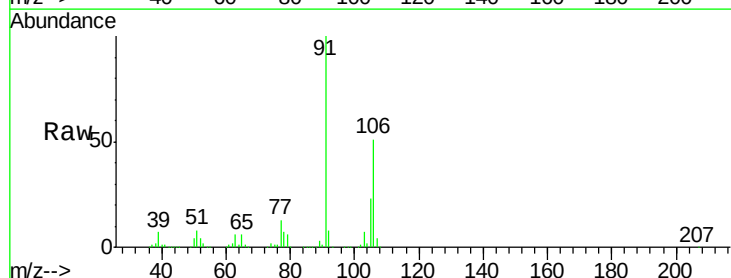
Manual Integrations
APPROVED

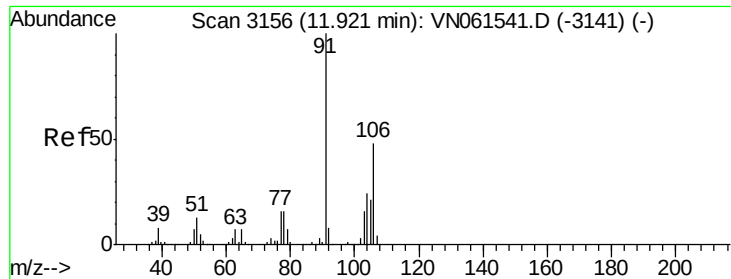
MMDadoda
6/12/2020 5:46:30 PM



#68
m/p-Xylenes
Concen: 98.794 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061765.D
Acq: 12 Jun 2020 1:55

Tgt Ion	Ratio	Lower	Upper
106	100		
91	193.0	156.2	234.4





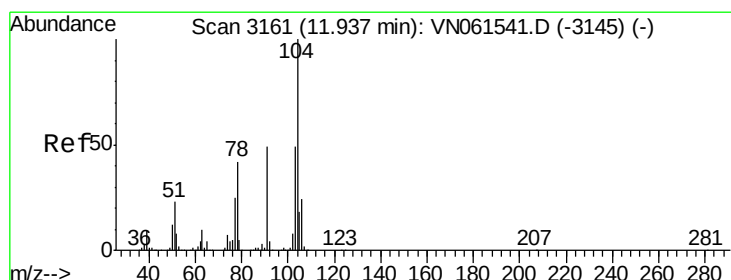
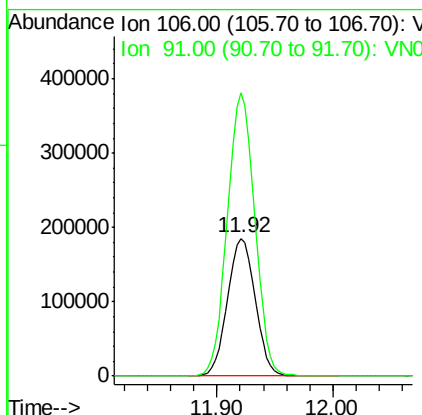
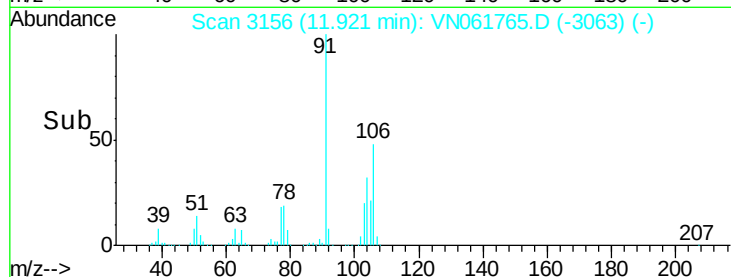
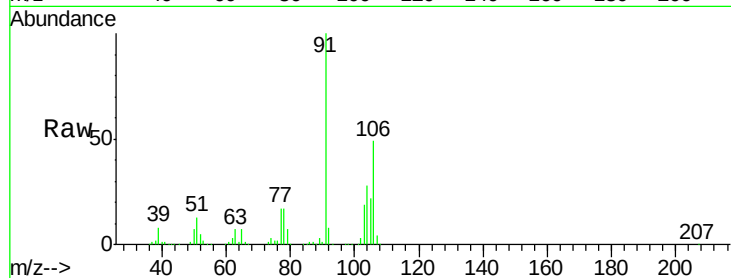
#69
o-Xylene
Concen: 51.158 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061765.D
Acq: 12 Jun 2020 1:55

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	204.2	103.3	309.8	

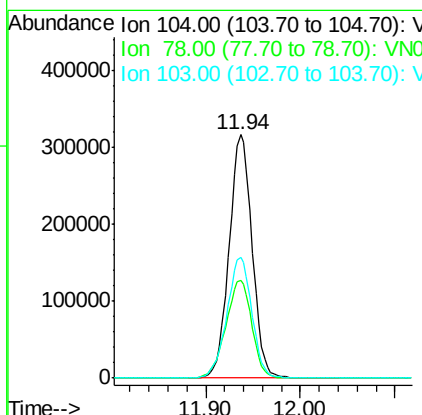
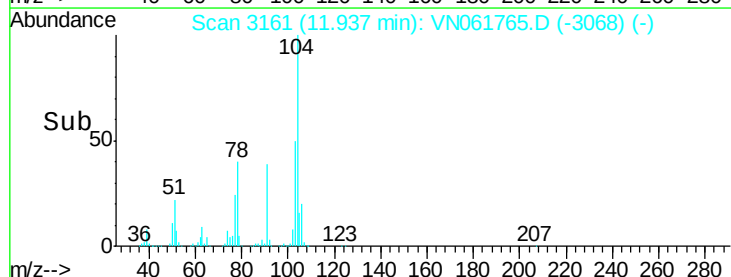
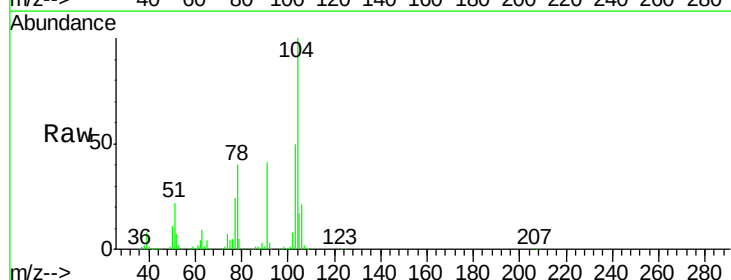
Manual Integrations
APPROVED

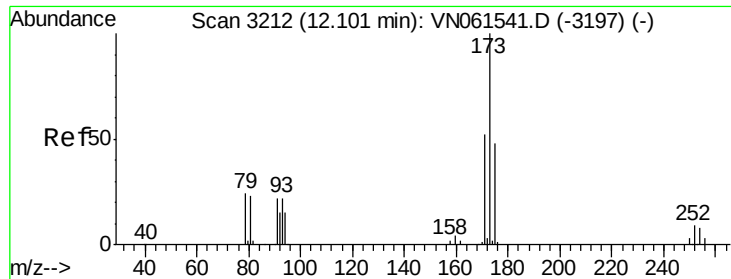
MMDadoda
6/12/2020 5:46:30 PM



#70
Styrene
Concen: 54.041 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061765.D
Acq: 12 Jun 2020 1:55

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	45.4	37.4	56.0	
103	53.9	42.3	63.5	





#71

Bromoform

Concen: 59.893 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN061765.D

Acq: 12 Jun 2020 1:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 157206

Ion Ratio Lower Upper

173 100

175 48.6 24.4 73.2

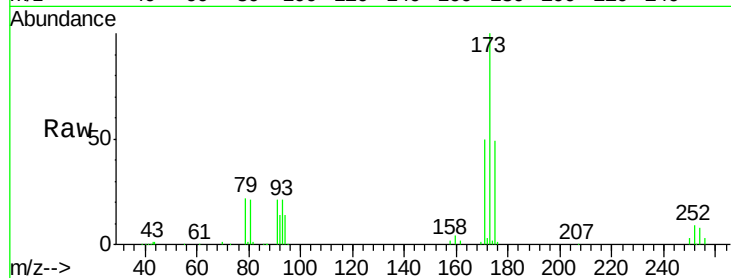
254 0.0 0.0 0.0

Manual Integrations

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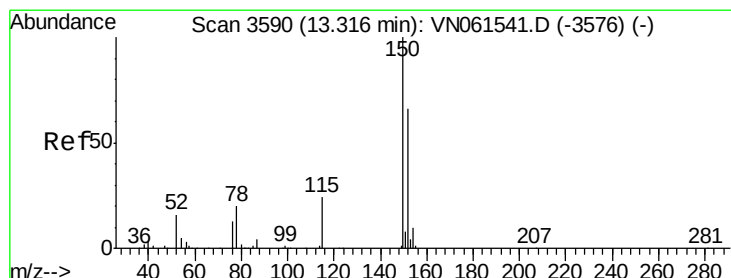
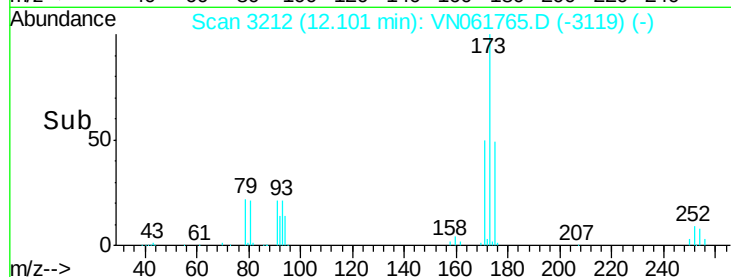
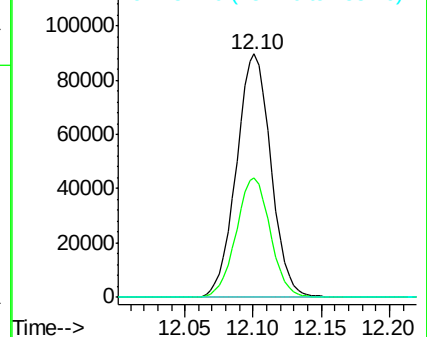
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VN061765.D

Acq: 12 Jun 2020 1:55

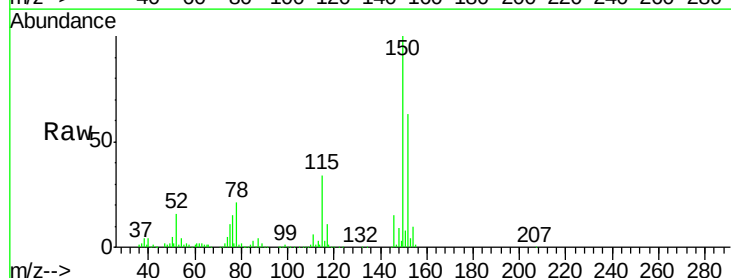
Tgt Ion:152 Resp: 220806

Ion Ratio Lower Upper

152 100

115 54.4 28.0 84.0

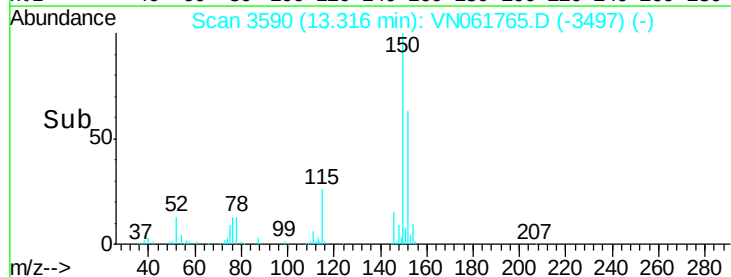
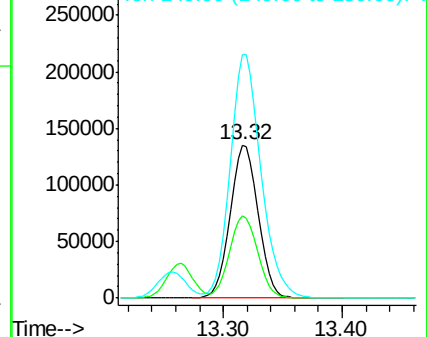
150 174.5 0.0 344.0

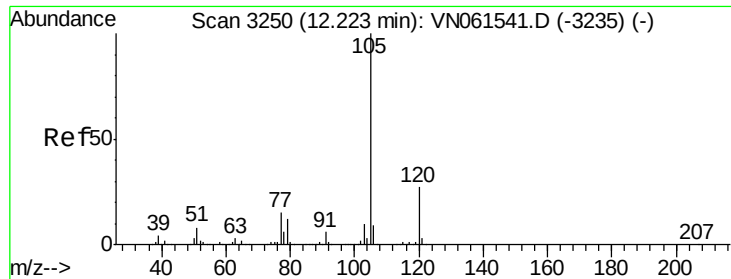


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.112 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061765.D

Acq: 12 Jun 2020 1:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 759255

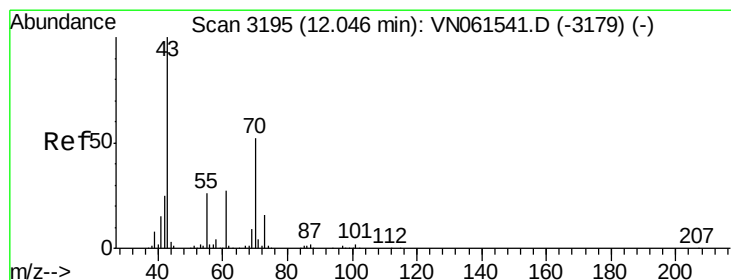
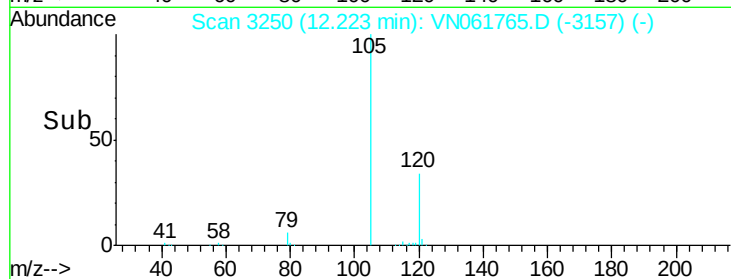
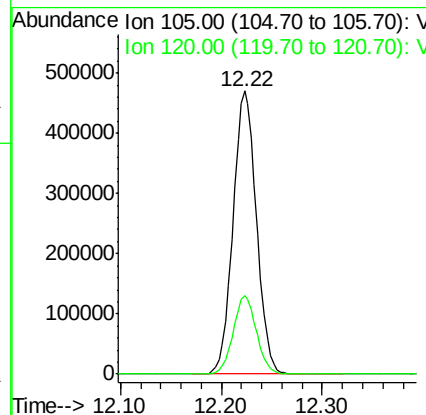
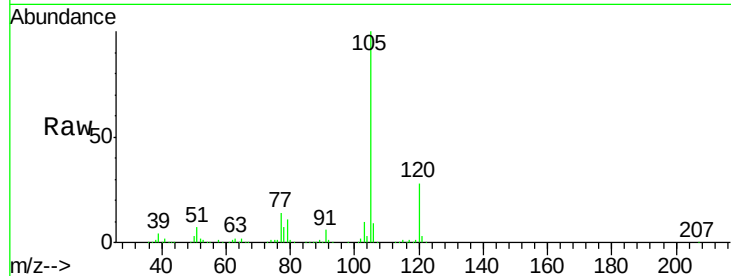
Ion Ratio Lower Upper

105 100

120 27.5 13.8 41.3

Manual Integrations
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6/12/2020 5:46:30 PM



#74

N-ethyl acetate

Concen: 48.323 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061765.D

Acq: 12 Jun 2020 1:55

Tgt Ion: 43 Resp: 245251

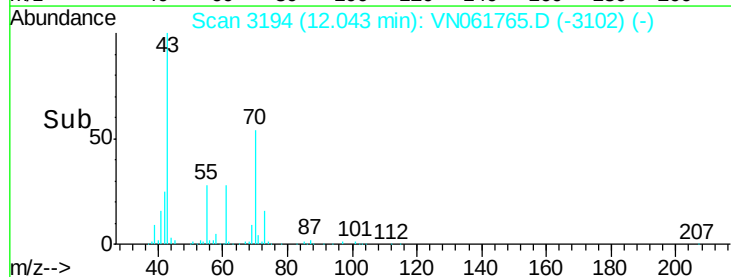
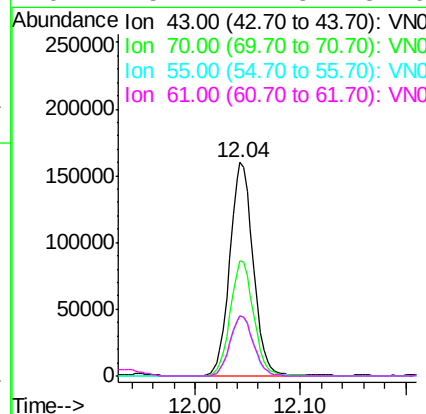
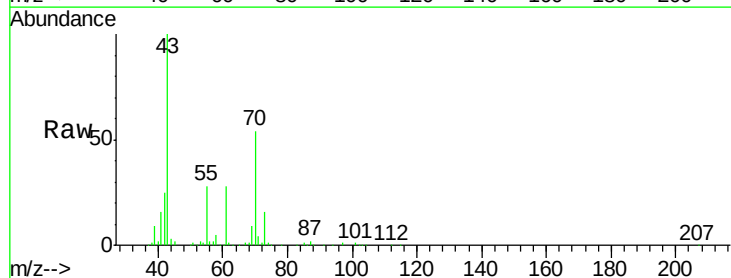
Ion Ratio Lower Upper

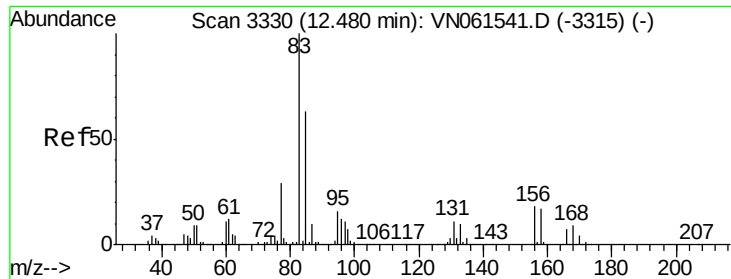
43 100

70 54.2 40.5 60.7

55 28.4 20.6 31.0

61 28.4 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 51.788 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061765.D

Acq: 12 Jun 2020 1:55

Instrument :

MSVOA_N

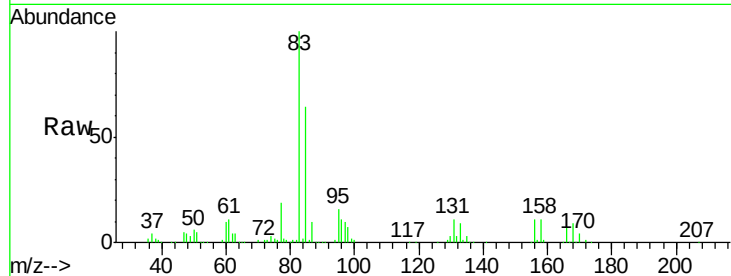
ClientSampled :

VSTDCCC050

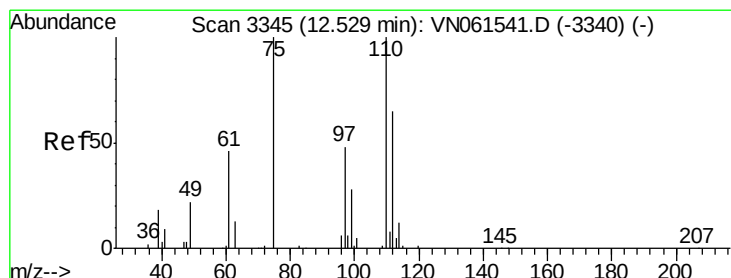
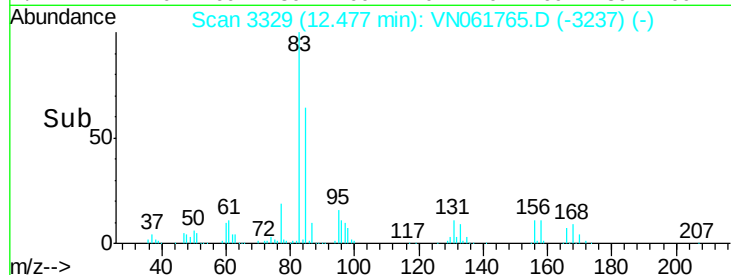
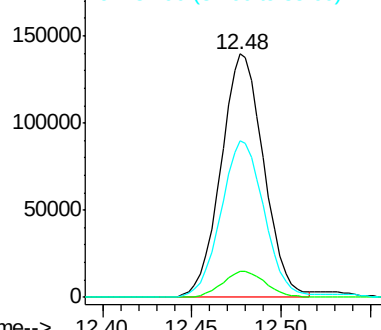
Tot Ion:	83	Resp:	233887
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.5	16.5
85	64.7	32.1	96.3

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VN061541.D (-3315) (-)



#76

1,2,3-Trichloropropane

Concen: 49.397 ug/l m

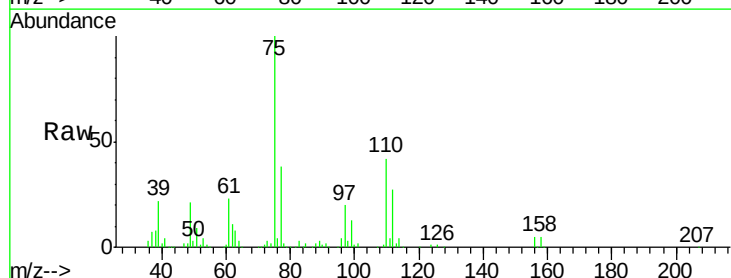
RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

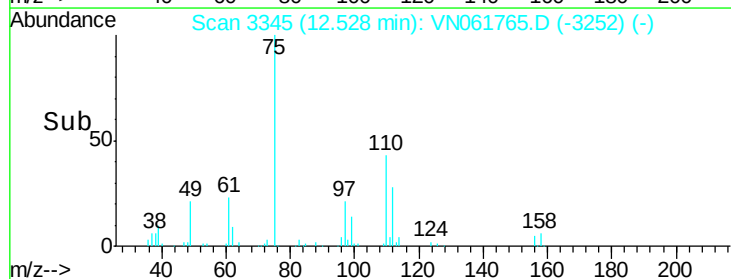
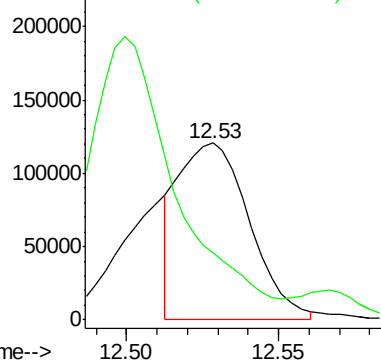
Lab File: VN061765.D

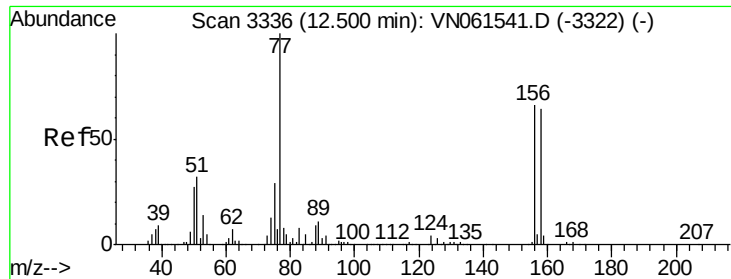
Acq: 12 Jun 2020 1:55

Tgt Ion:	75	Resp:	198336
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061541.D (-3340) (-)





#77

Bromobenzene

Concen: 54.399 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061765.D

Acq: 12 Jun 2020 1:55

Instrument :

MSVOA_N

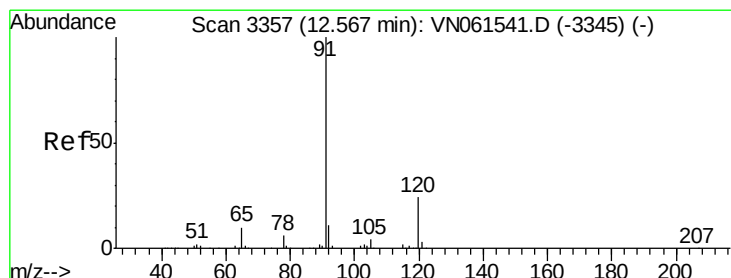
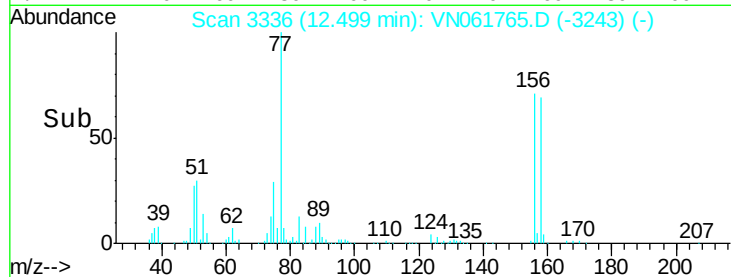
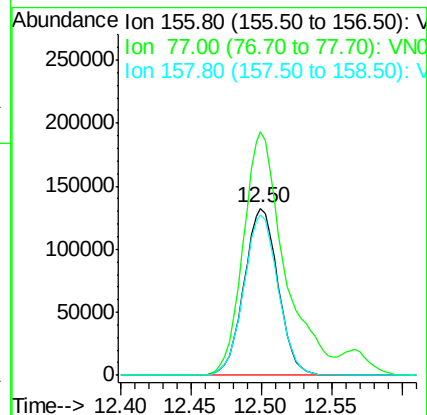
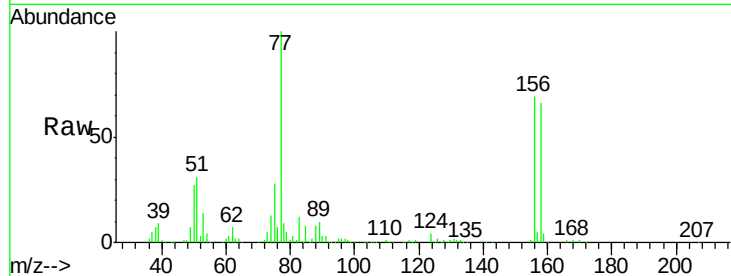
ClientSampled :

VSTDCCC050

Tot Ion:	156	Resp:	223781
Ion Ratio	Lower	Upper	
156	100		
77	176.2	90.9	272.7
158	97.1	48.4	145.3

Manual Integrations
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6/12/2020 5:46:30 PM



#78

n-propylbenzene

Concen: 46.602 ug/l

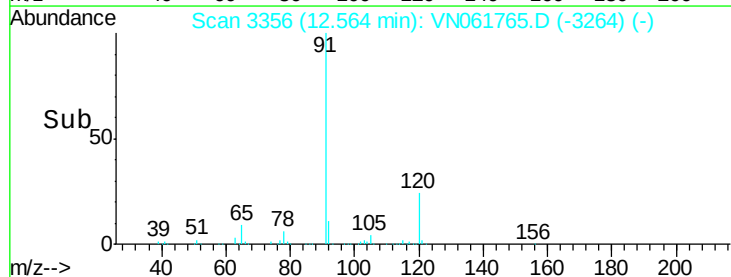
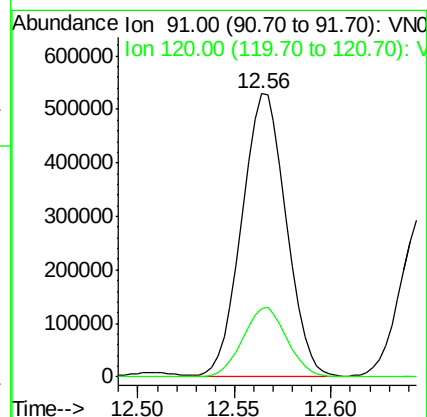
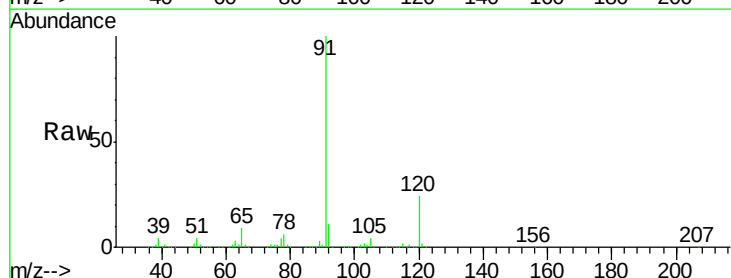
RT: 12.56 min Scan# 3356

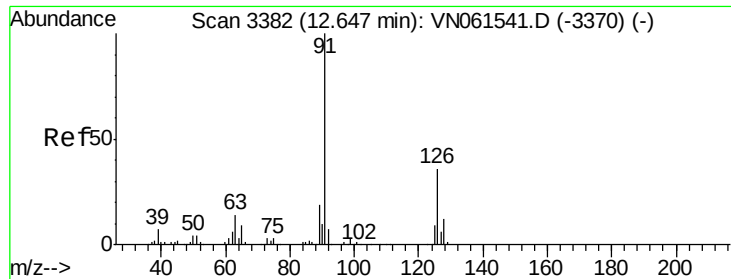
Delta R.T. -0.00 min

Lab File: VN061765.D

Acq: 12 Jun 2020 1:55

Tgt Ion:	91	Resp:	838437
Ion Ratio	Lower	Upper	
91	100		
120	24.4	12.3	36.9





#79

2-Chlorotoluene

Concen: 48.158 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN061765.D

Acq: 12 Jun 2020 1:55

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 516636

Ion Ratio Lower Upper

91 100

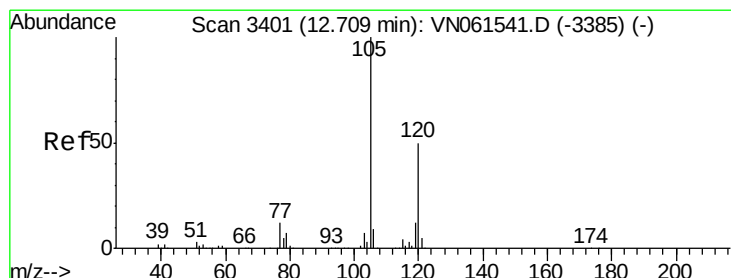
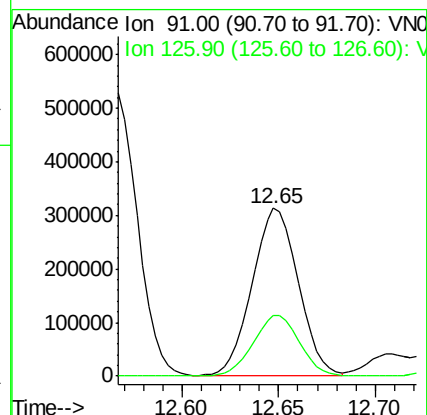
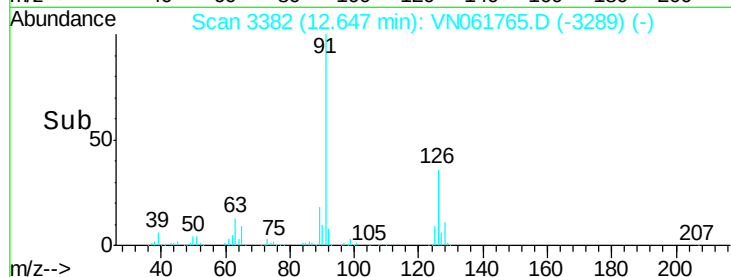
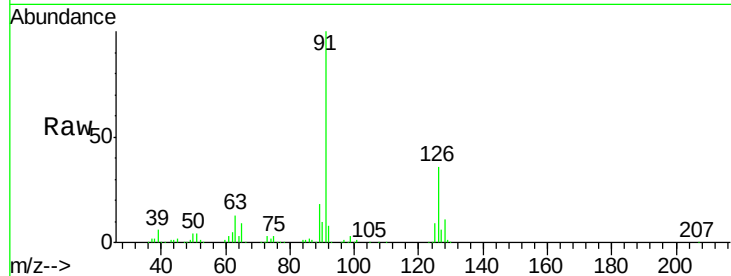
126 36.8 17.9 53.7

Manual Integrations

APPROVED

MMDadoda

6/12/2020 5:46:30 PM



#80

1,3,5-Trimethylbenzene

Concen: 47.565 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN061765.D

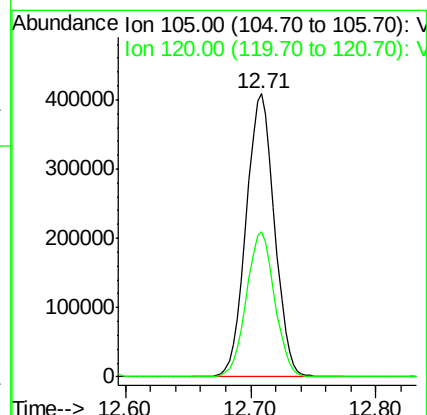
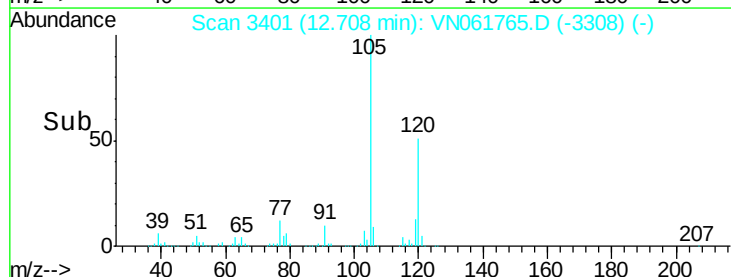
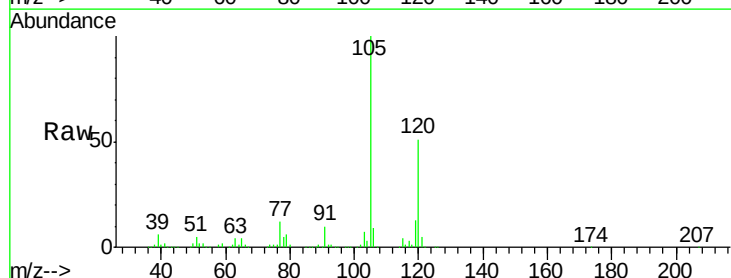
Acq: 12 Jun 2020 1:55

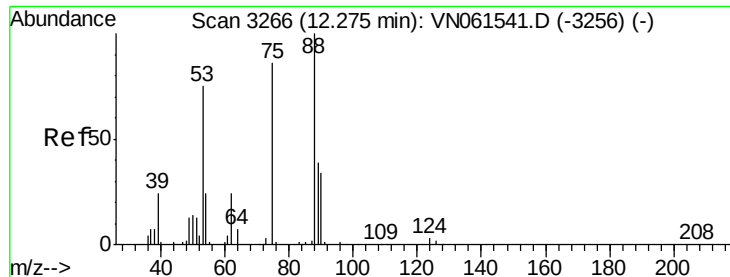
Tgt Ion: 105 Resp: 640693

Ion Ratio Lower Upper

105 100

120 51.3 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 46.838 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN061765.D

Acq: 12 Jun 2020 1:55

Instrument :

MSVOA_N

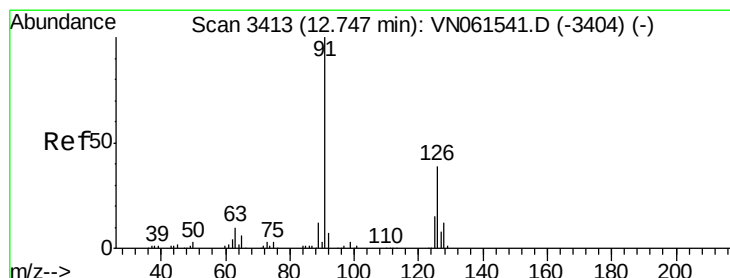
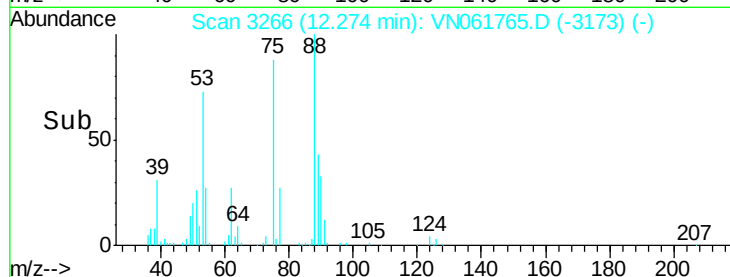
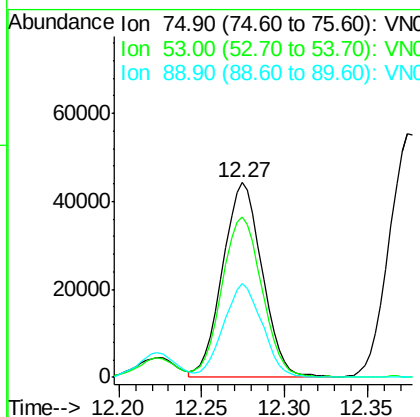
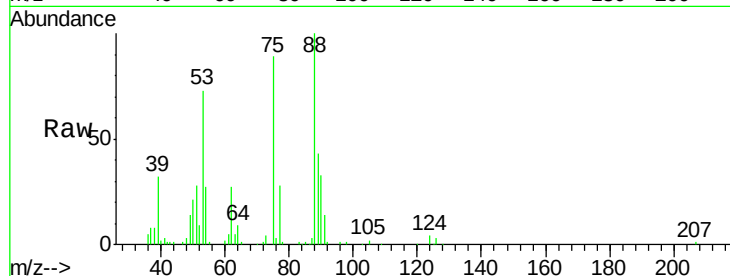
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	73540
Ion	Ratio	Lower	Upper
75	100		
53	82.6	67.8	101.8
89	47.1	37.1	55.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 48.539 ug/l

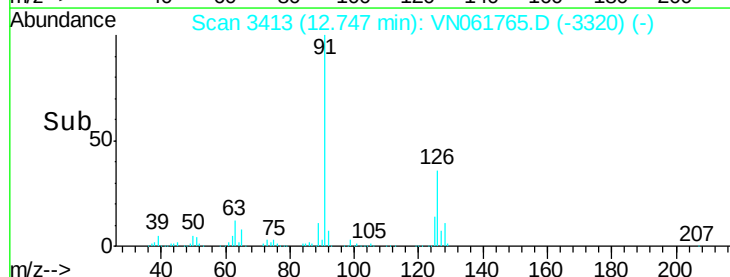
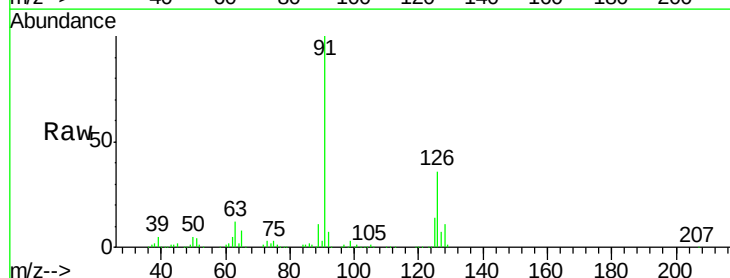
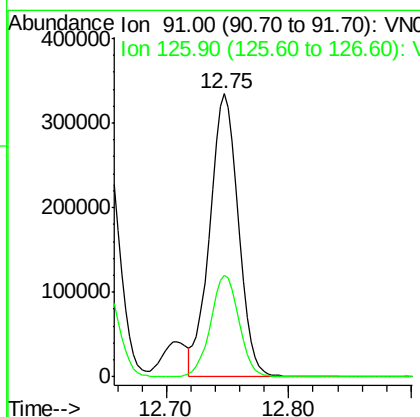
RT: 12.75 min Scan# 3413

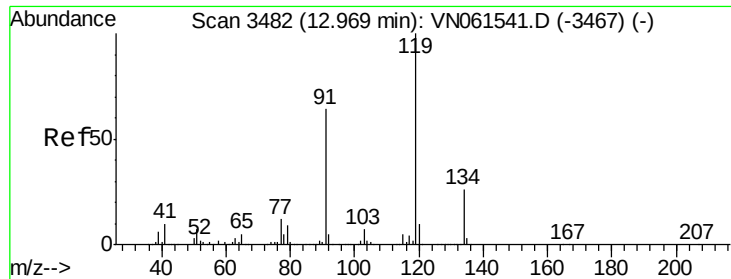
Delta R.T. -0.00 min

Lab File: VN061765.D

Acq: 12 Jun 2020 1:55

Tgt Ion:	91	Resp:	547811
Ion	Ratio	Lower	Upper
91	100		
126	35.8	17.5	52.6





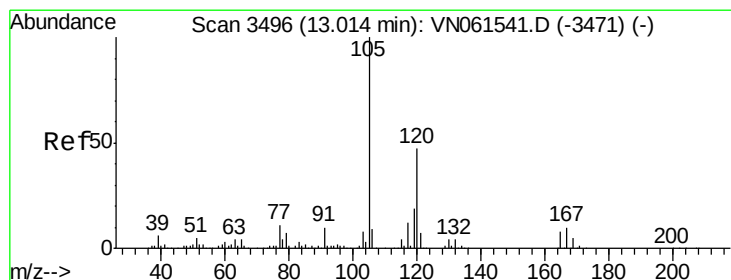
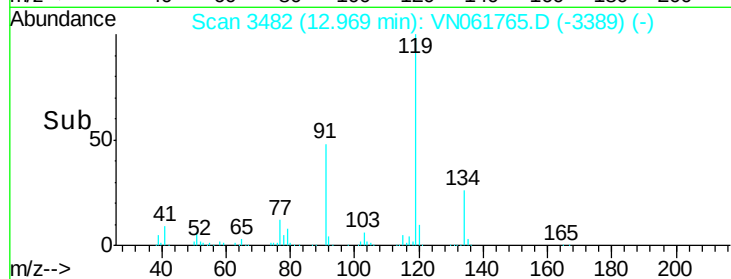
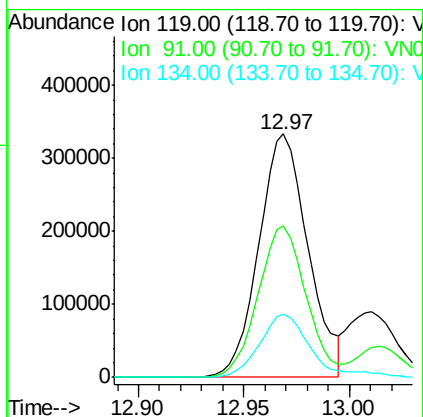
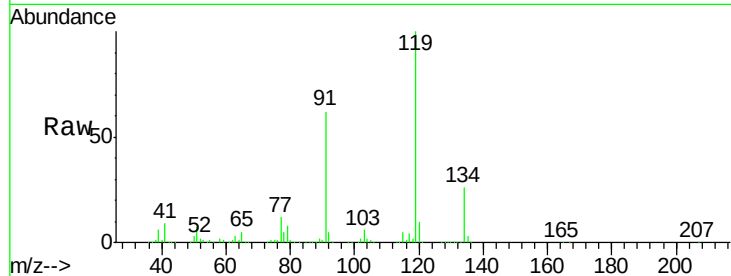
#83
 tert-Butylbenzene
 Concen: 45.520 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN061765.D
 Acq: 12 Jun 2020 1:55

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	541753		
91	61.0		31.3	93.8
134	27.1		13.5	40.4

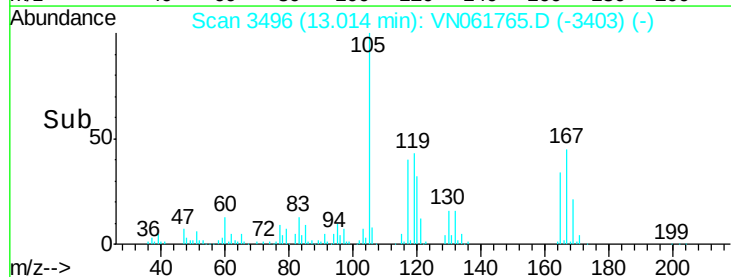
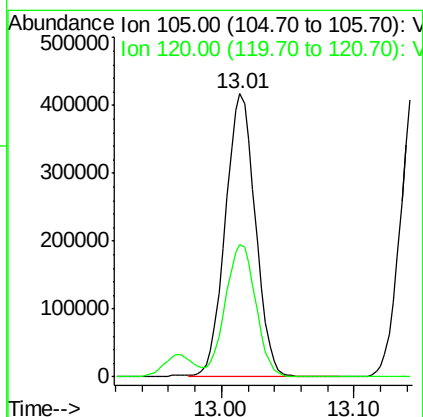
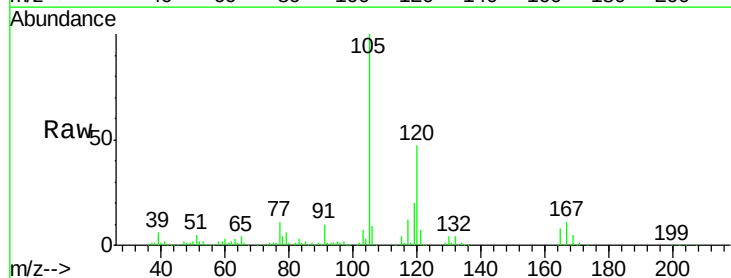
Manual Integrations
 APPROVED

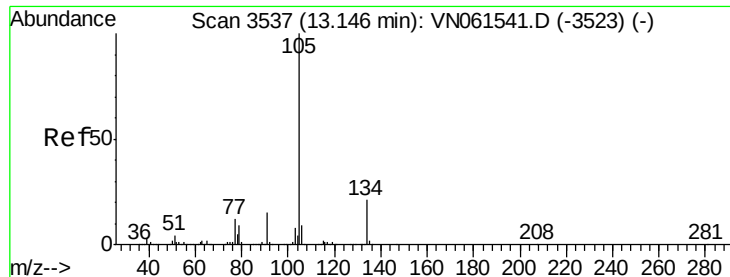
MMDadoda
 6/12/2020 5:46:30 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 48.833 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN061765.D
 Acq: 12 Jun 2020 1:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	653458		
120	47.9		23.2	69.5





#85

sec-Butylbenzene

Concen: 44.780 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN061765.D

Acq: 12 Jun 2020 1:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 686745

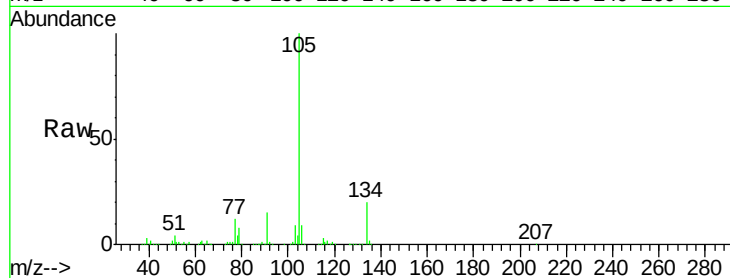
Ion Ratio Lower Upper

105 100

134 20.6 10.7 31.9

Manual Integrations
APPROVED

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

400000

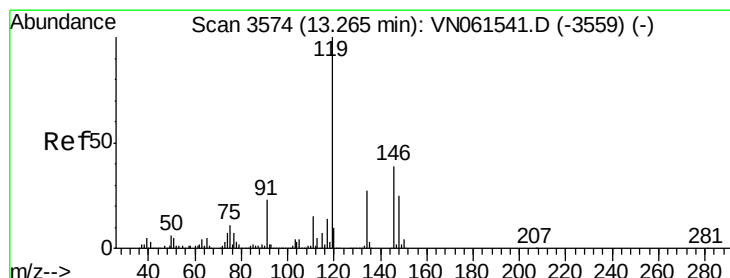
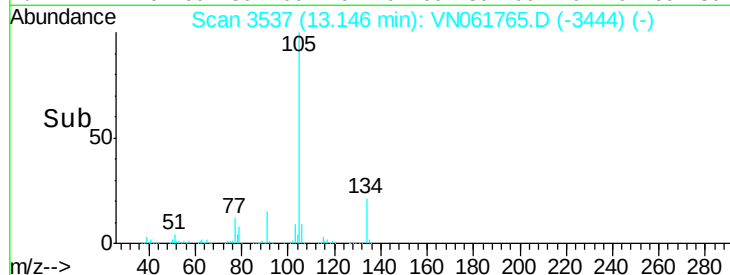
300000

200000

100000

0

Time--> 13.05 13.10 13.15 13.20



#86

p-Isopropyltoluene

Concen: 45.867 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN061765.D

Acq: 12 Jun 2020 1:55

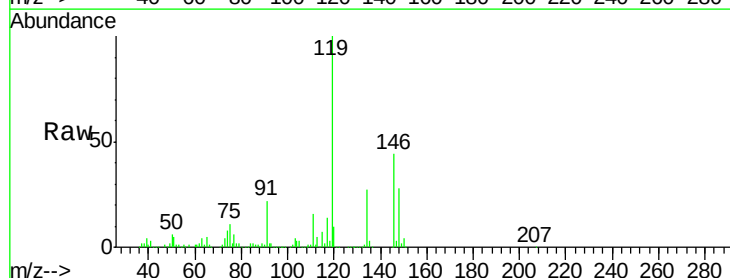
Tgt Ion:119 Resp: 647783

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.5

91 22.0 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

400000

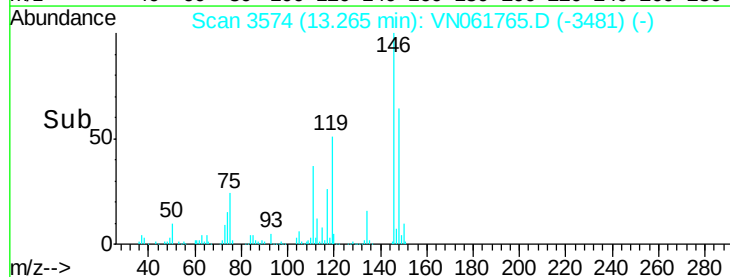
300000

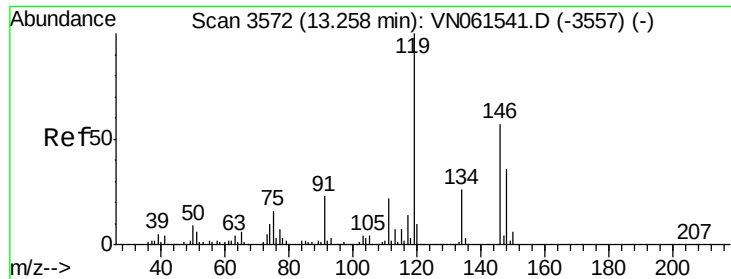
200000

100000

0

Time--> 13.20 13.25 13.30 13.35





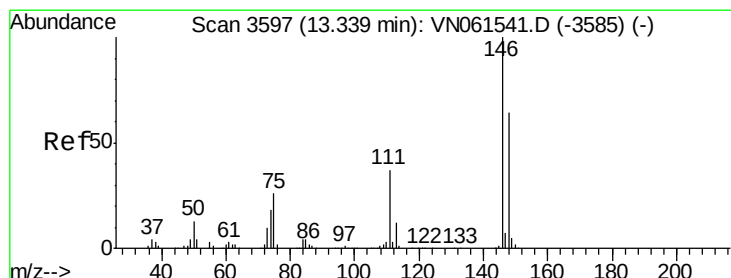
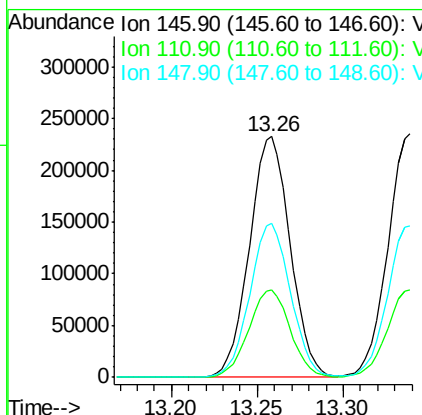
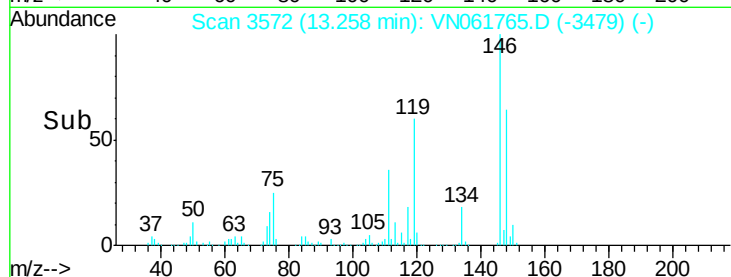
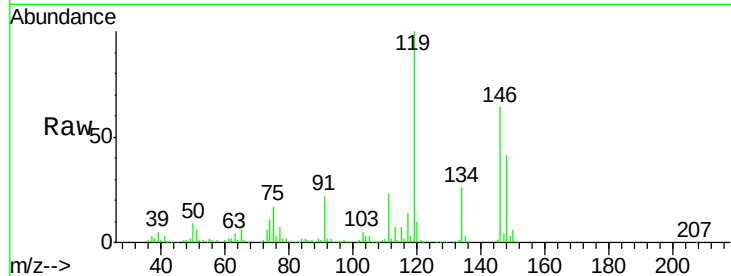
#87
 1,3-Dichlorobenzene
 Concen: 52.413 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN061765.D
 Acq: 12 Jun 2020 1:55

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	37.0	19.2	57.6	
148	63.7	31.7	95.1	

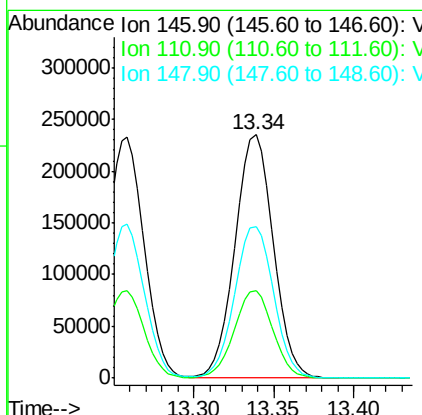
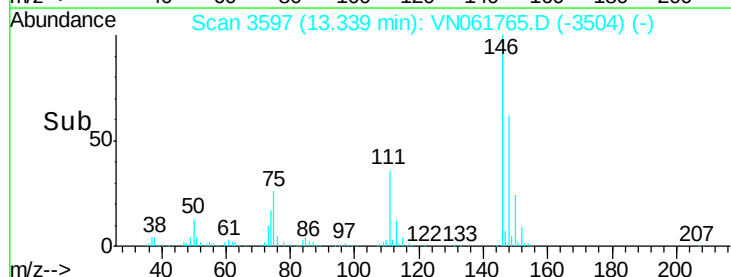
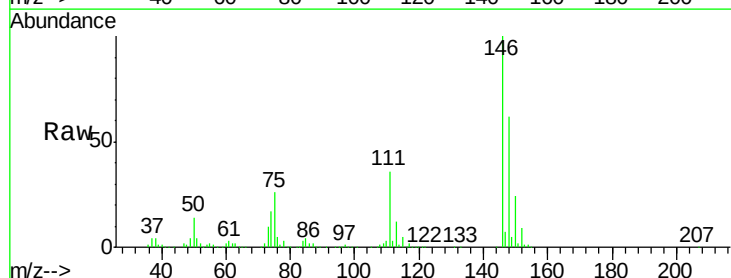
Manual Integrations
 APPROVED

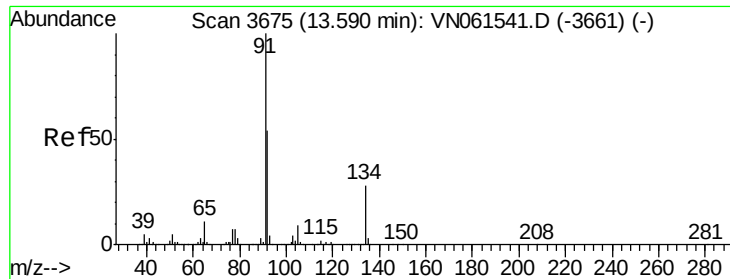
MMDadoda
 6/12/2020 5:46:30 PM



#88
 1,4-Dichlorobenzene
 Concen: 51.478 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN061765.D
 Acq: 12 Jun 2020 1:55

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	36.3	18.9	56.9	
148	63.5	31.8	95.3	





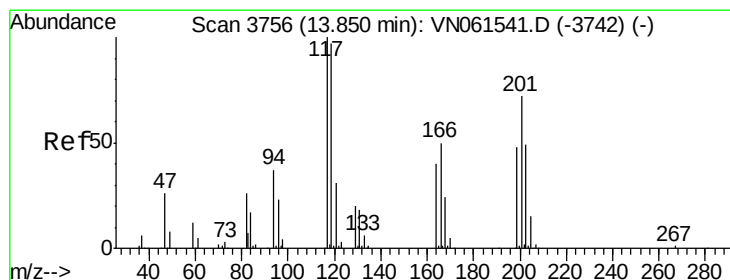
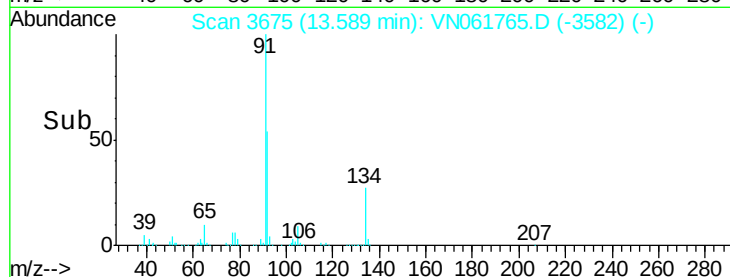
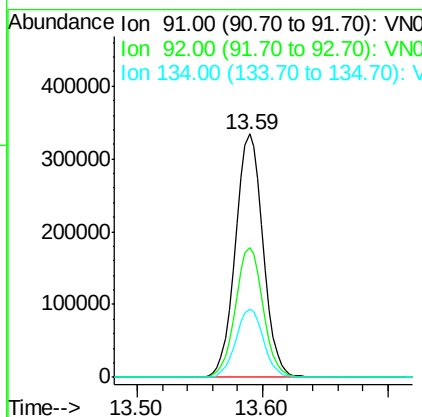
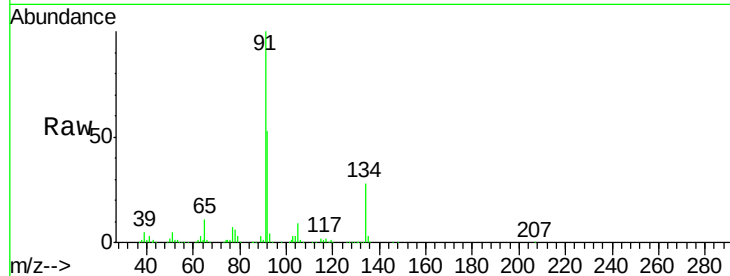
#89
n-Butylbenzene
Concen: 43.284 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN061765.D
Acq: 12 Jun 2020 1:55

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.5	27.2	81.6
134	28.0	14.0	42.0

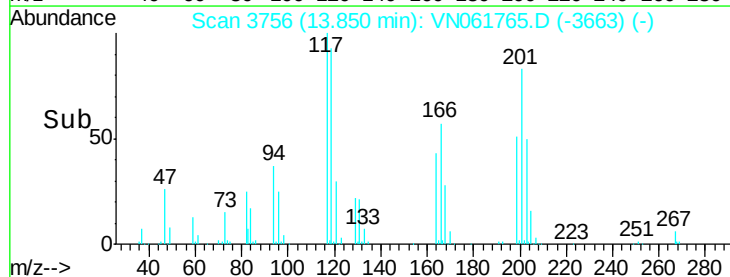
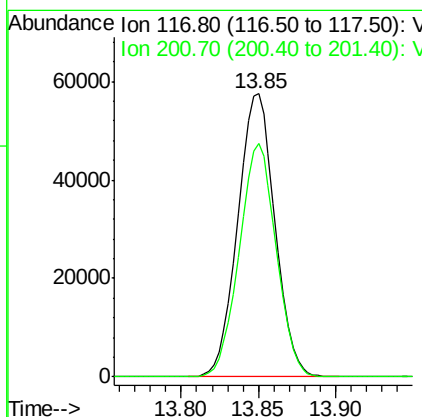
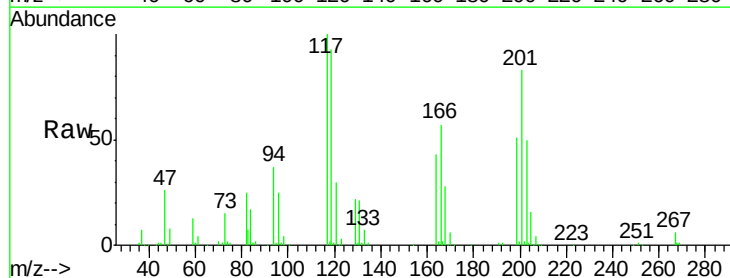
Manual Integrations
APPROVED

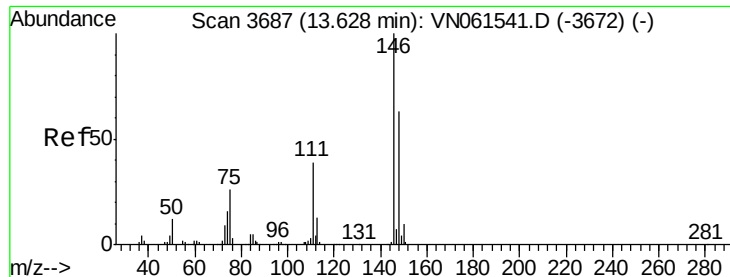
MMDadoda
6/12/2020 5:46:30 PM



#90
Hexachloroethane
Concen: 61.579 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN061765.D
Acq: 12 Jun 2020 1:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.8	36.7	110.1





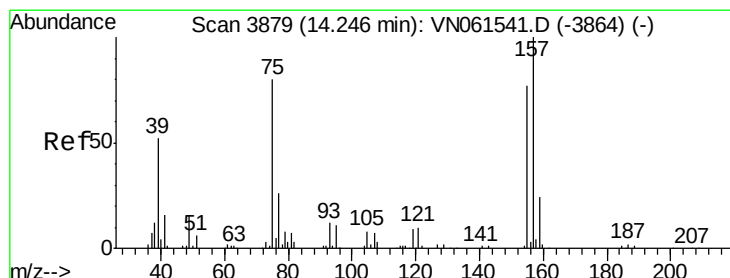
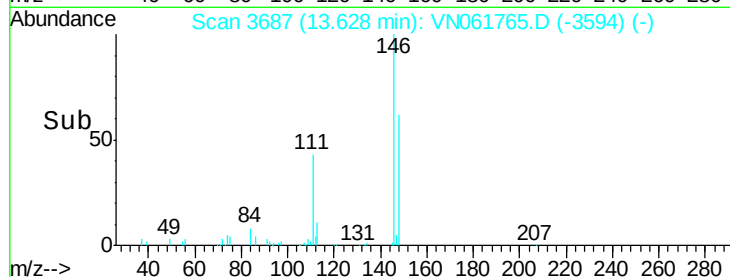
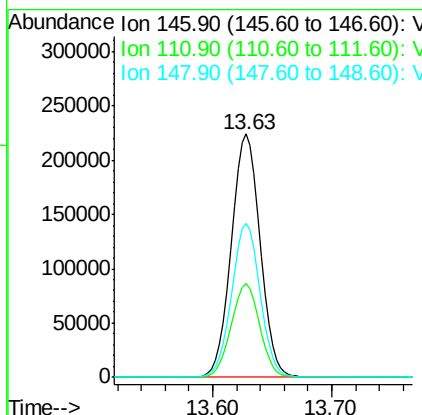
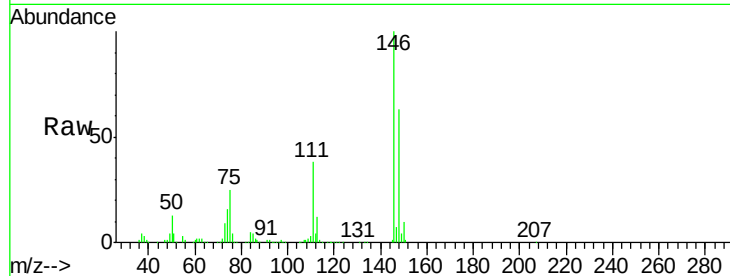
#91
 1,2-Dichlorobenzene
 Concen: 54.192 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061765.D
 Acq: 12 Jun 2020 1:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	20.1	60.2
148	62.6	31.9	95.5

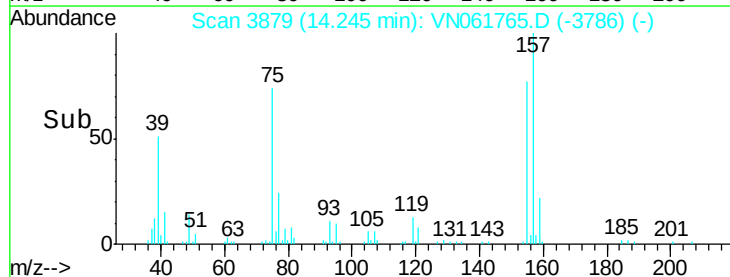
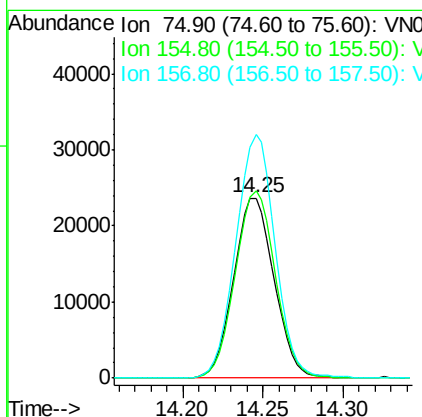
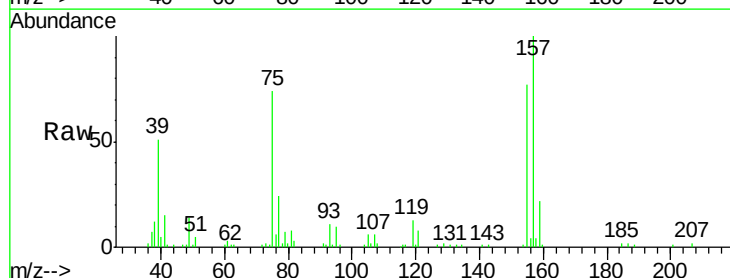
Manual Integrations
 APPROVED

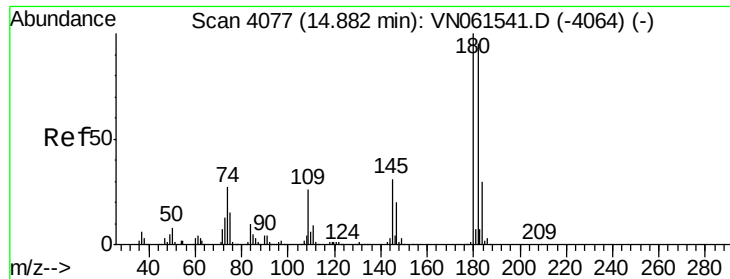
MMDadoda
 6/12/2020 5:46:30 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.274 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN061765.D
 Acq: 12 Jun 2020 1:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	103.2	47.1	141.4
157	131.0	60.3	180.8





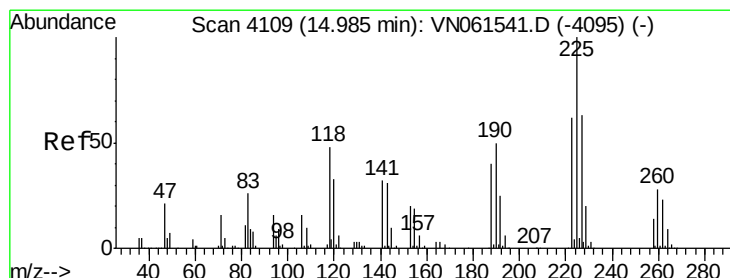
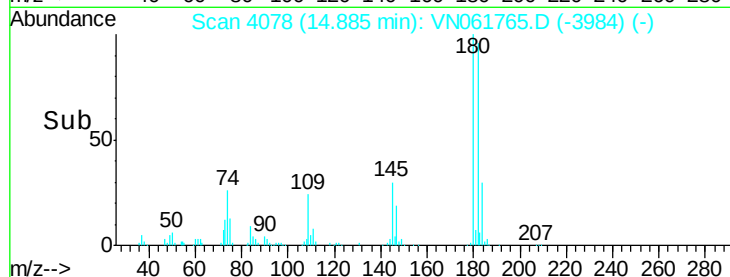
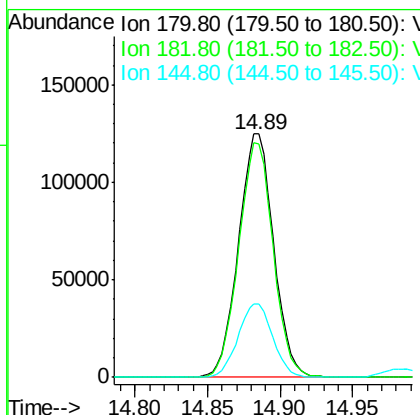
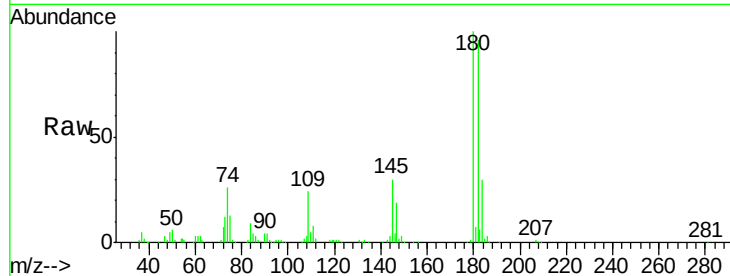
#93
 1,2,4-Trichlorobenzene
 Concen: 51.556 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN061765.D
 Acq: 12 Jun 2020 1:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	209905		
182	94.7	47.8	143.3	
145	29.8	15.5	46.5	

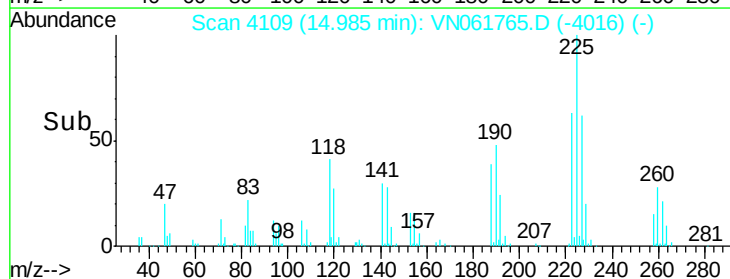
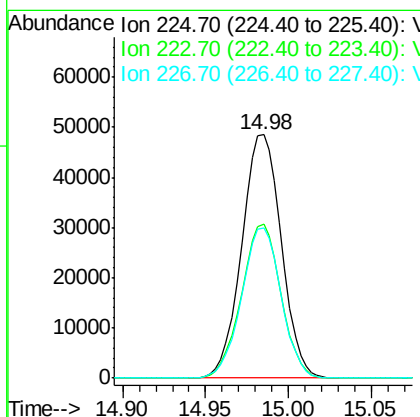
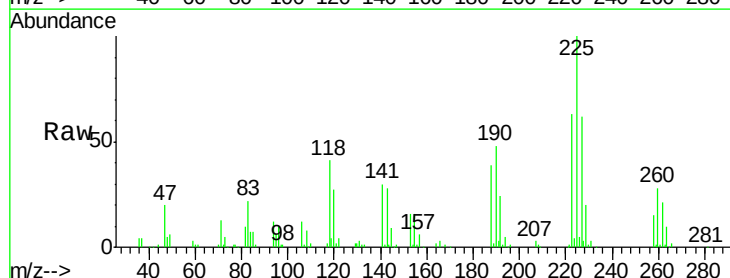
Manual Integrations
 APPROVED

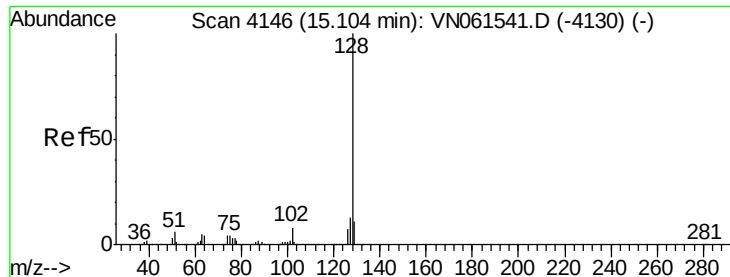
MMDadoda
 6/12/2020 5:46:30 PM



#94
 Hexachlorobutadiene
 Concen: 46.392 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. -0.00 min
 Lab File: VN061765.D
 Acq: 12 Jun 2020 1:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	80555		
223	62.9	31.9	95.5	
227	61.4	31.9	95.9	





#95

Naphthalene

Concen: 49.344 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN061765.D

Acq: 12 Jun 2020 1:55

Instrument :

MSVOA_N

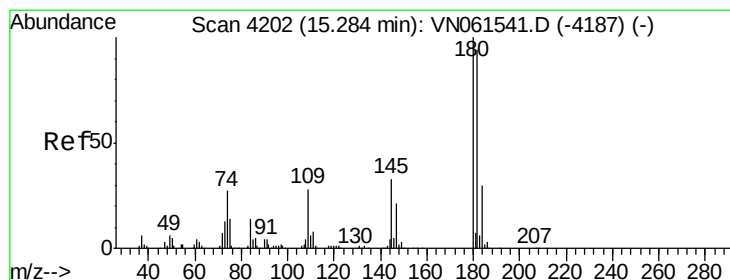
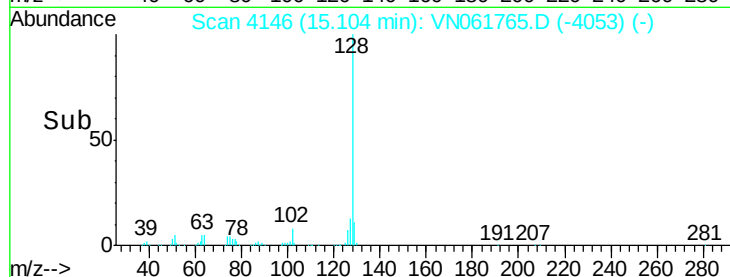
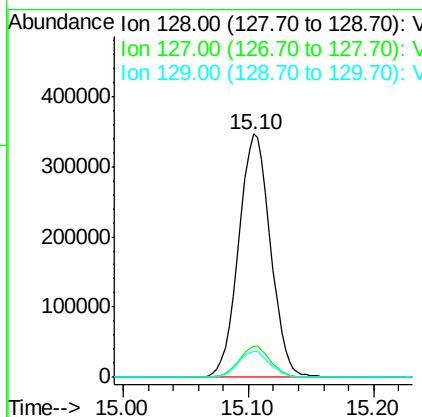
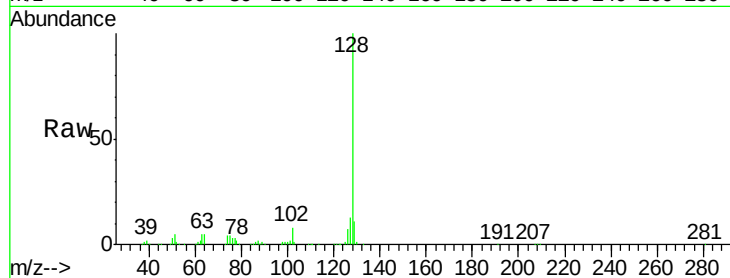
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	611481
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.0	15.0
129	10.7	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
6/12/2020 5:46:30 PM



#96

1,2,3-Trichlorobenzene

Concen: 51.894 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN061765.D

Acq: 12 Jun 2020 1:55

Tgt Ion:	180	Resp:	207734
Ion Ratio	Lower	Upper	
180	100		
182	94.9	47.1	141.3
145	31.7	16.3	48.9

