

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072120\
 Data File : VN062569.D
 Acq On : 21 Jul 2020 13:10
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 7/22/2020 2:45:40 PM

Quant Time: Jul 21 13:43:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 13:13:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	218170	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	369312	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	350218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	173080	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	327362	97.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.46%	
35) Dibromofluoromethane	7.55	113	236038	102.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.84%	
50) Toluene-d8	10.06	98	943163	104.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	208.14%	
62) 4-Bromofluorobenzene	12.38	95	361881	108.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	217.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	252829	112.326	ug/l	99
3) Chloromethane	2.04	50	344191	97.466	ug/l	98
4) Vinyl Chloride	2.16	62	295931	101.214	ug/l	99
5) Bromomethane	2.51	94	132071	87.510	ug/l	100
6) Chloroethane	2.66	64	141284	86.195	ug/l	99
7) Trichlorofluoromethane	2.98	101	340936	92.571	ug/l	98
8) Diethyl Ether	3.37	74	171923	103.888	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	228514	104.151	ug/l	100
10) Methyl Iodide	3.91	142	311896	108.265	ug/l	99
11) Tert butyl alcohol	4.74	59	265293	482.019	ug/l	99
12) 1,1-Dichloroethene	3.69	96	233177	104.146	ug/l	99
13) Acrolein	3.56	56	284905	653.173	ug/l	99
14) Allyl chloride	4.27	41	517900	99.562	ug/l	100
15) Acrylonitrile	4.93	53	754045	521.139	ug/l	100
16) Acetone	3.77	43	626233	447.212	ug/l	100
17) Carbon Disulfide	4.00	76	750143	106.259	ug/l	99
18) Methyl Acetate	4.28	43	326835	93.601	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	880343	103.764	ug/l	98
20) Methylene Chloride	4.50	84	287464	94.349	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	256555	105.801	ug/l	98
22) Diisopropyl ether	5.90	45	1020525	99.273	ug/l	98
23) Vinyl Acetate	5.84	43	4342464	509.921	ug/l	99
24) 1,1-Dichloroethane	5.80	63	540801	101.183	ug/l	99
25) 2-Butanone	6.79	43	1015309	495.905	ug/l	99
26) 2,2-Dichloropropane	6.77	77	430514	103.911	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	296289	105.409	ug/l	99
28) Bromochloromethane	7.15	49	272760	94.612	ug/l	100
29) Tetrahydrofuran	7.17	42	684722	495.649	ug/l	99
30) Chloroform	7.33	83	506547	104.339	ug/l	100
31) Cyclohexane	7.61	56	488954	96.920	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	434827	107.381	ug/l	99
36) 1,1-Dichloropropene	7.75	75	396667	106.700	ug/l	99
37) Ethyl Acetate	6.88	43	429889	99.448	ug/l	99
38) Carbon Tetrachloride	7.73	117	378133	111.333	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	445661	112.351	ug/l	99
40) Benzene	8.00	78	1177397	106.805	ug/l	99
41) Methacrylonitrile	7.14	41	211318m	119.263	ug/l	
42) 1,2-Dichloroethane	8.08	62	428939	106.273	ug/l	100
43) Isopropyl Acetate	8.13	43	714007	104.520	ug/l #	91
44) Trichloroethene	8.80	130	265430	108.123	ug/l	100
45) 1,2-Dichloropropane	9.08	63	335439	105.453	ug/l	98
46) Dibromomethane	9.17	93	194389	107.581	ug/l	98
47) Bromodichloromethane	9.37	83	419275	108.805	ug/l	98
48) Methyl methacrylate	9.17	41	346472	103.885	ug/l	99
49) 1,4-Dioxane	9.17	88	104301	2123.456	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	2145374	526.699	ug/l	99
52) Toluene	10.12	92	713068	111.431	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	492305	113.695	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	526005	110.346	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	273472	109.474	ug/l	98
56) Ethyl methacrylate	10.40	69	482457	115.941	ug/l	99
57) 1,3-Dichloropropane	10.68	76	506025	109.538	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	738951	515.200	ug/l	99
59) 2-Hexanone	10.72	43	1591868	537.803	ug/l	100
60) Dibromochloromethane	10.87	129	309544	113.209	ug/l	99
61) 1,2-Dibromoethane	10.98	107	283775	111.654	ug/l	98
64) Tetrachloroethene	10.60	164	221906	106.094	ug/l	97
65) Chlorobenzene	11.41	112	730177	106.934	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	273915	108.800	ug/l	99
67) Ethyl Benzene	11.48	91	1395149	109.263	ug/l	100
68) m/p-Xylenes	11.60	106	1018688	224.386	ug/l	99
69) o-Xylene	11.92	106	487135	110.477	ug/l	99
70) Styrene	11.94	104	847985	116.247	ug/l	100
71) Bromoform	12.10	173	218937	118.171	ug/l #	100
73) Isopropylbenzene	12.22	105	1319611	98.747	ug/l	100
74) N-amyl acetate	12.05	43	651666	101.473	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	421286	93.840	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	414783m	96.800	ug/l	
77) Bromobenzene	12.50	156	307477	100.801	ug/l	99
78) n-propylbenzene	12.57	91	1578191	101.321	ug/l	100
79) 2-Chlorotoluene	12.65	91	946907	99.861	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	1139896	103.553	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	157685	100.129	ug/l	99
82) 4-Chlorotoluene	12.75	91	988341	102.547	ug/l	100
83) tert-Butylbenzene	12.97	119	953903	102.499	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	1137654	104.288	ug/l	99
85) sec-Butylbenzene	13.15	105	1275746	103.643	ug/l	100
86) p-Isopropyltoluene	13.26	119	1135121	106.866	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	556486	105.782	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	559883	103.627	ug/l	99
89) n-Butylbenzene	13.59	91	1005484	107.707	ug/l	99
90) Hexachloroethane	13.85	117	218582	104.312	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	529886	103.988	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	86831	106.225	ug/l	98

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ClientSampleId :
VSTDICC100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	288511	126.143	ug/l	99
94) Hexachlorobutadiene	14.98	225	143213	104.843	ug/l	98
95) Naphthalene	15.10	128	766307	119.664	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	284430	119.518	ug/l	99

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

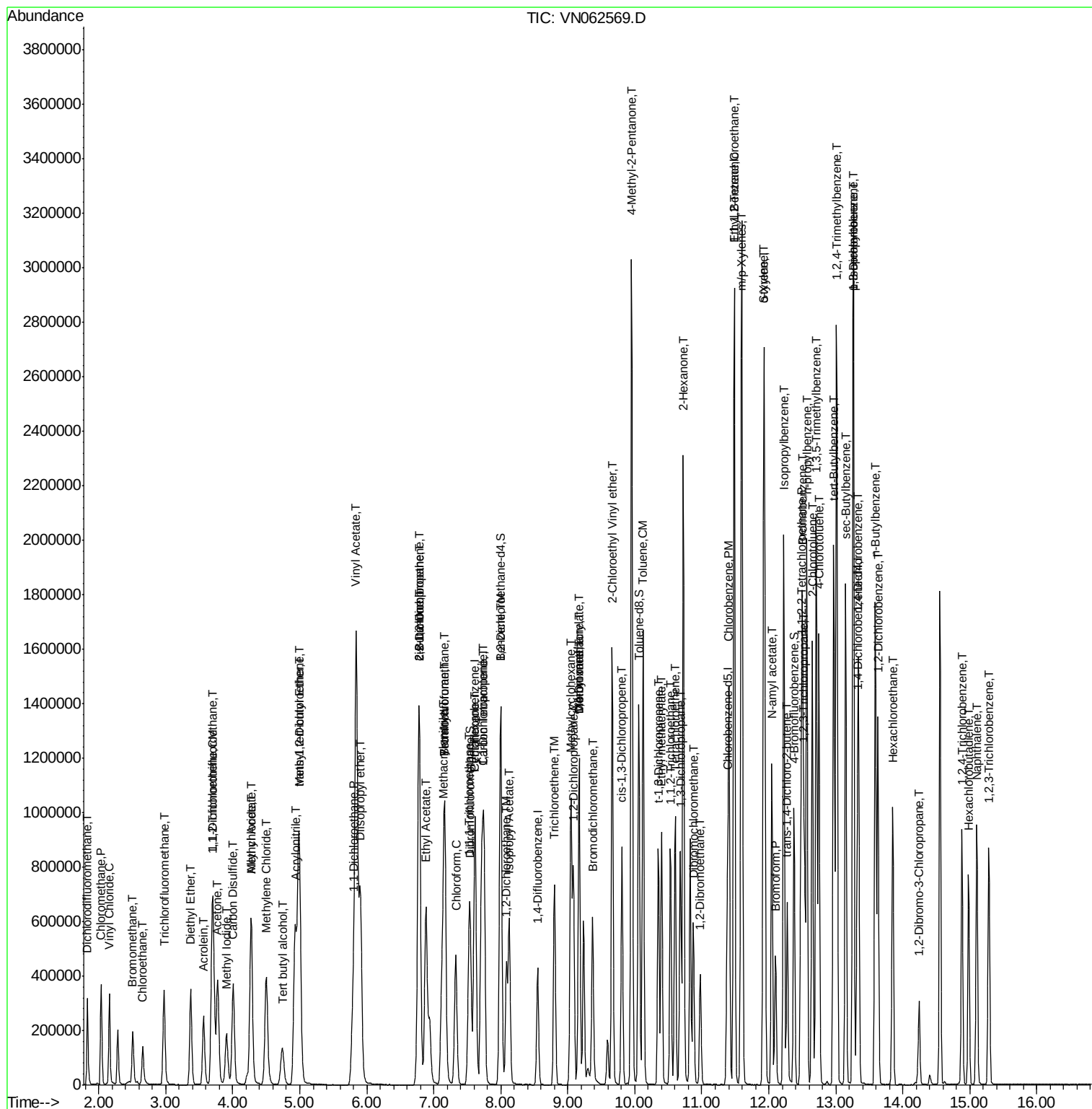
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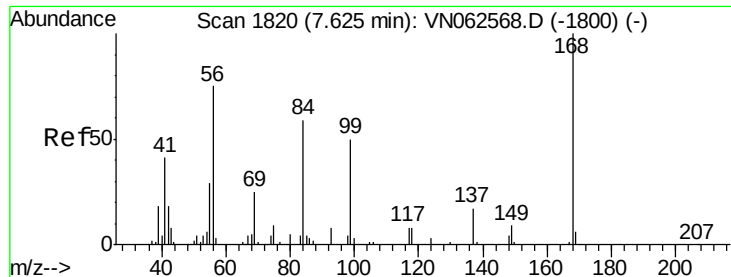
Instrument :
 MSVOA_N
 Client Sampled :
 VSTDICC100

Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion:168 Resp: 218170

Ion Ratio Lower Upper

168 100

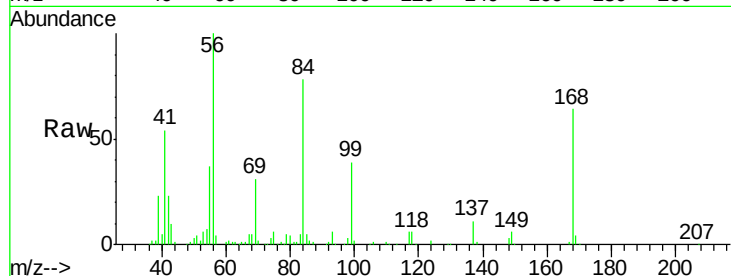
99 60.8 48.4 72.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

120000

100000

80000

60000

40000

20000

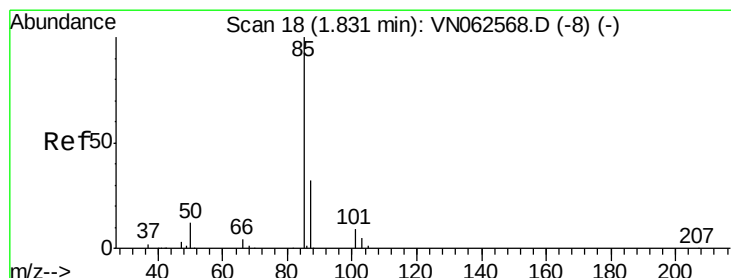
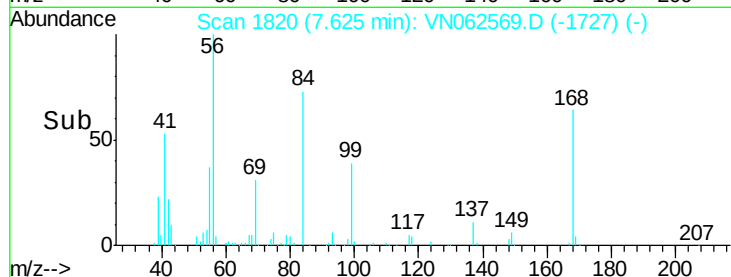
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 112.326 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062569.D

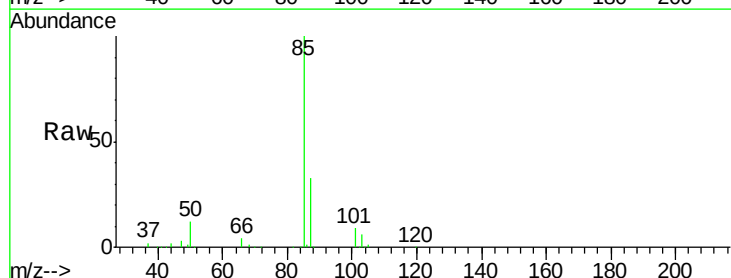
Acq: 21 Jul 2020 13:10

Tgt Ion: 85 Resp: 252829

Ion Ratio Lower Upper

85 100

87 32.6 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

200000

150000

100000

50000

0

1.75

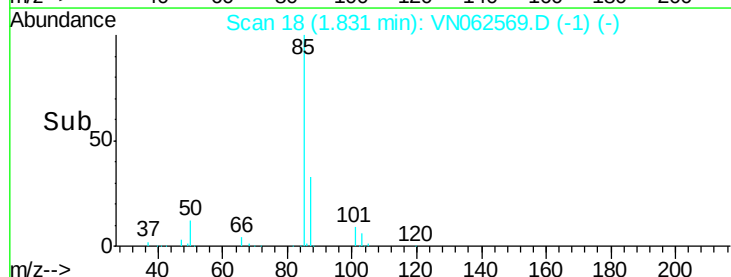
1.80

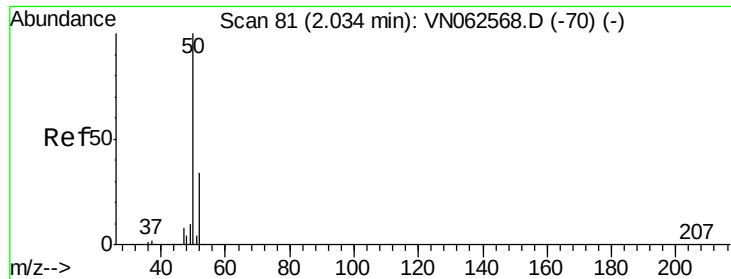
1.85

1.90

1.95

Time-->





#3

Chloromethane

Concen: 97.466 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

Tot Ion: 50 Resp: 344191

Ion Ratio Lower Upper

50 100

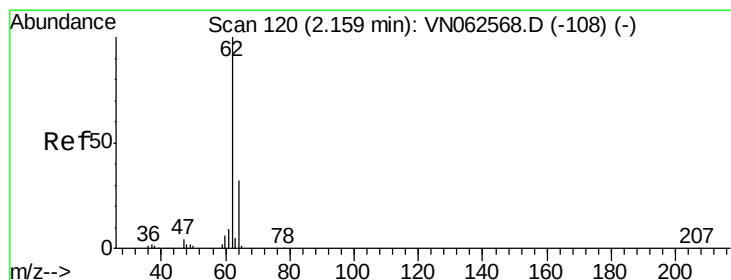
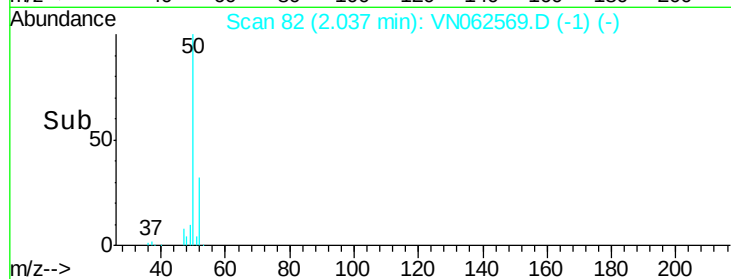
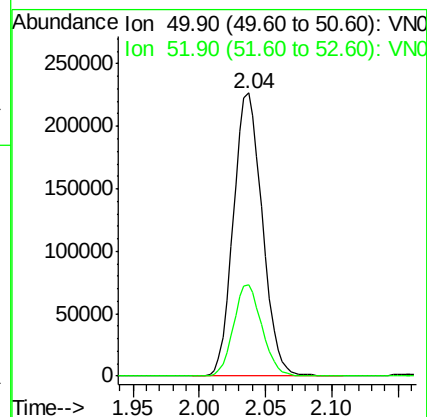
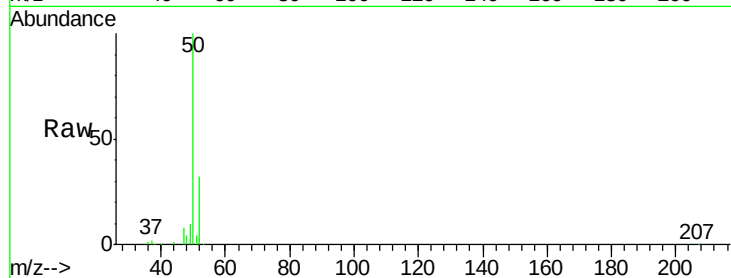
52 32.4 27.0 40.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 101.214 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062569.D

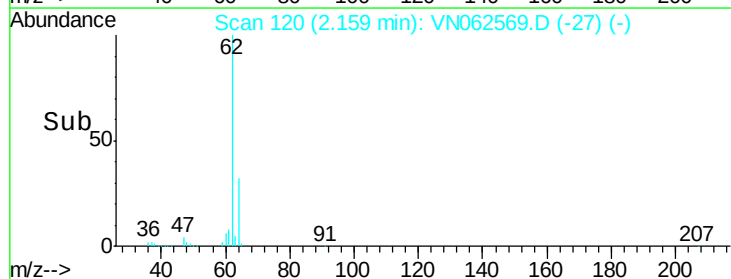
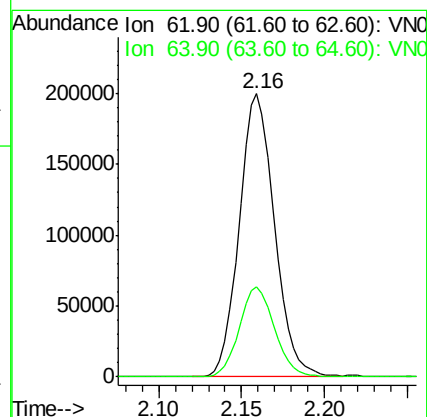
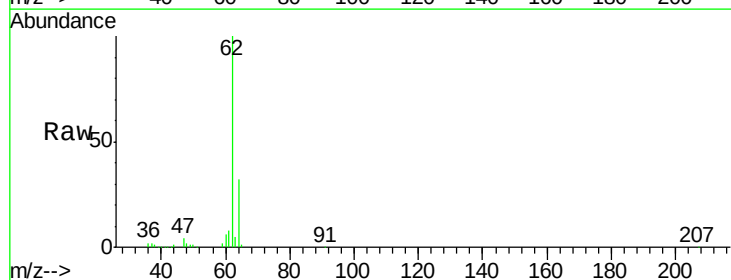
Acq: 21 Jul 2020 13:10

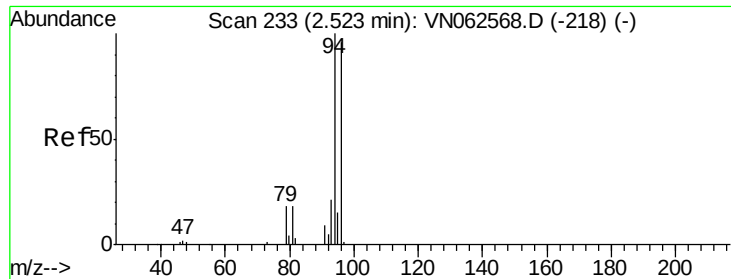
Tgt Ion: 62 Resp: 295931

Ion Ratio Lower Upper

62 100

64 31.8 25.8 38.8





#5

Bromomethane

Concen: 87.510 ug/l

RT: 2.51 min Scan# 228

Delta R.T. -0.02 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 132071

Ion Ratio Lower Upper

94 100

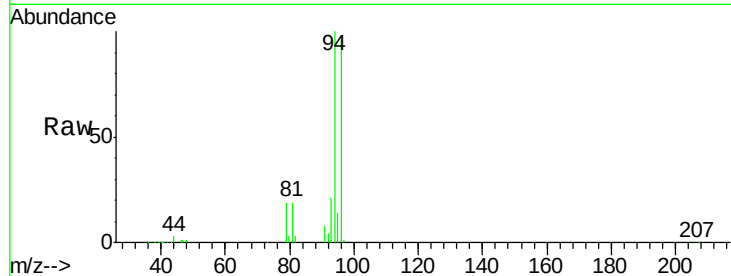
96 95.6 76.6 114.8

Manual Integrations

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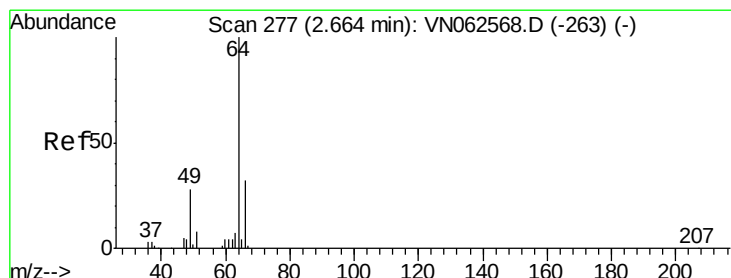
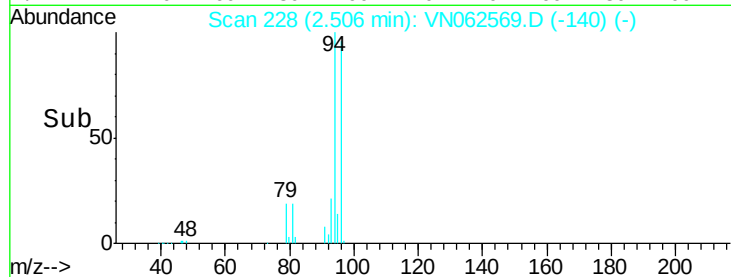
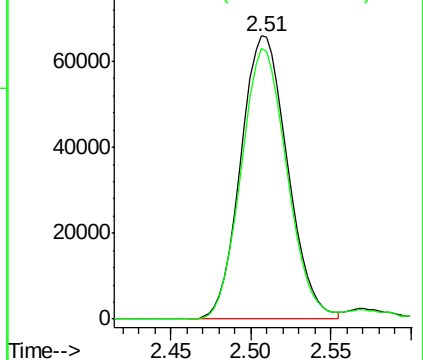
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 86.195 ug/l

RT: 2.66 min Scan# 275

Delta R.T. -0.01 min

Lab File: VN062569.D

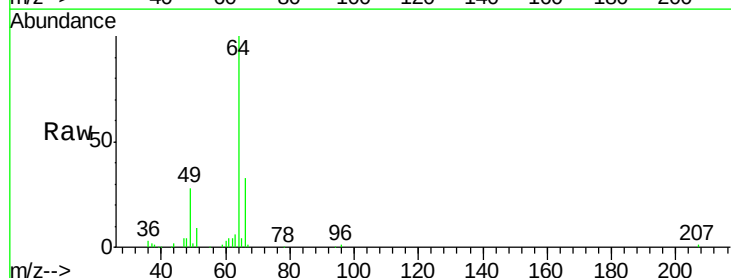
Acq: 21 Jul 2020 13:10

Tgt Ion: 64 Resp: 141284

Ion Ratio Lower Upper

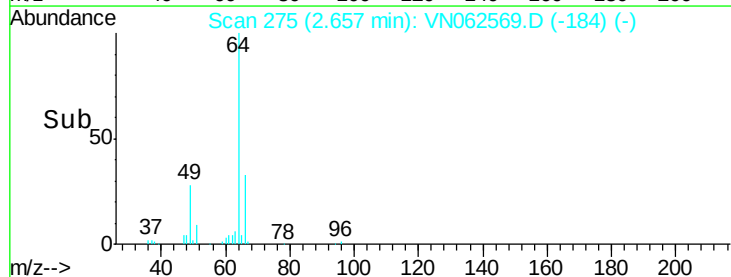
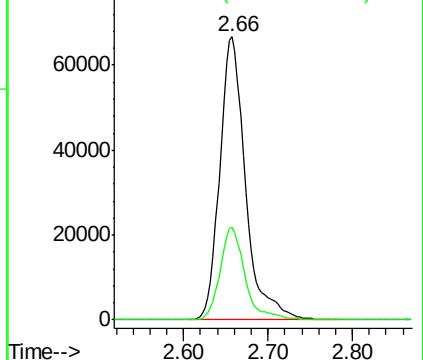
64 100

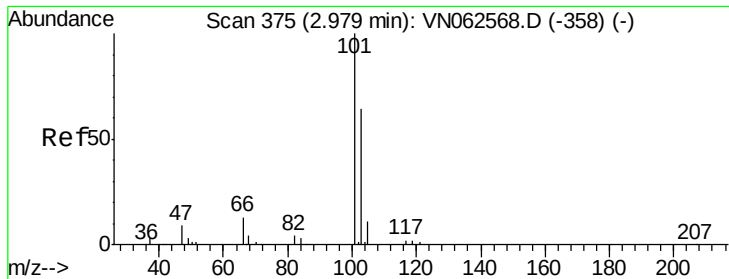
66 32.6 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

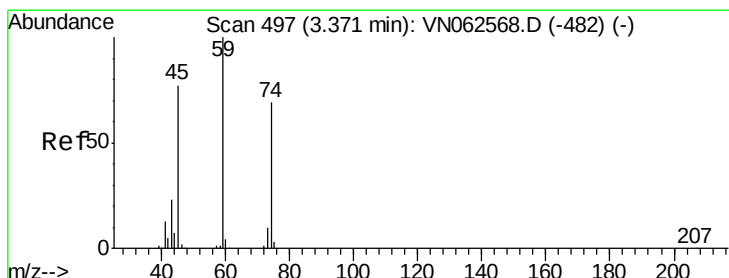
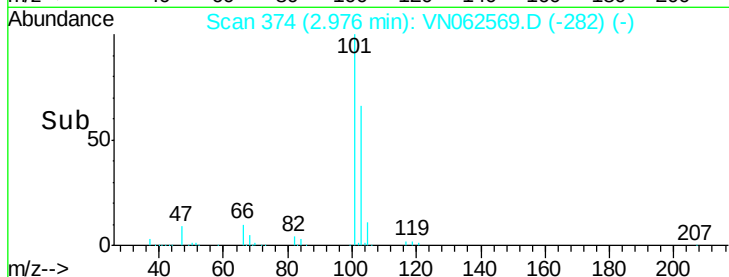
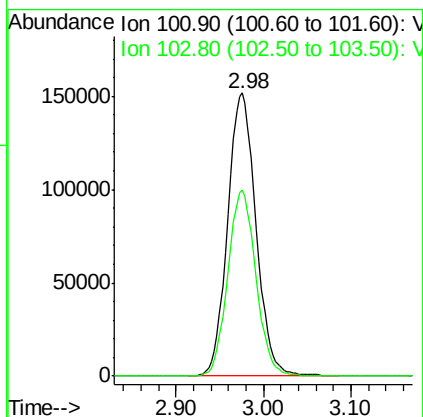
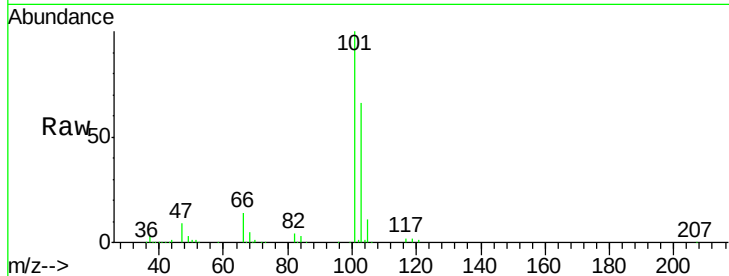
Trichlorofluoromethane
Concen: 92.571 ug/l
RT: 2.98 min Scan# 374
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	340936		
103	65.7	51.5	77.3	

Manual Integrations
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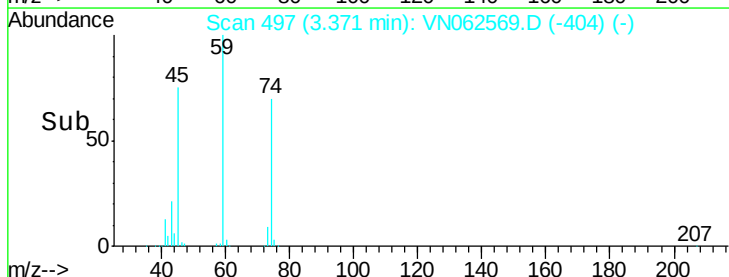
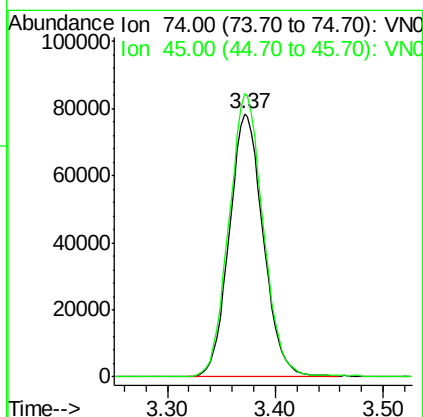
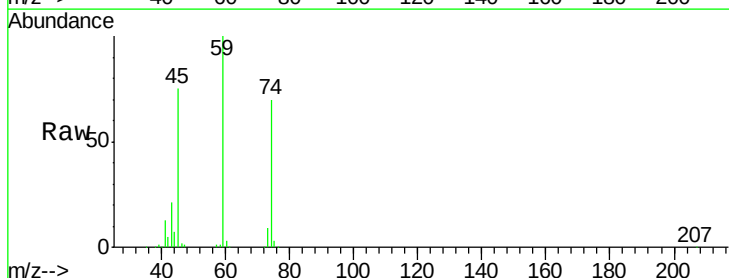
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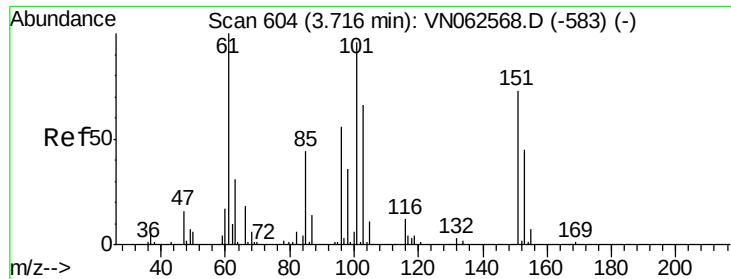


#8

Diethyl Ether
Concen: 103.888 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	171923		
45	108.7	55.3	165.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 104.151 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Instrument :

MSVOA_N

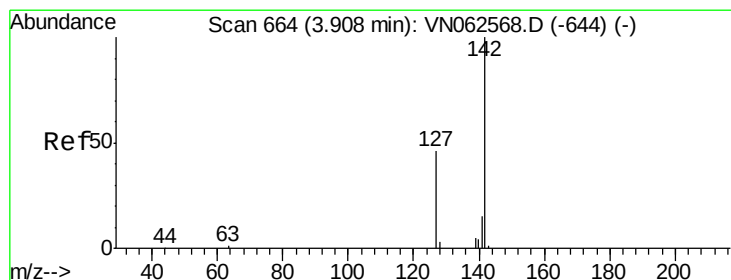
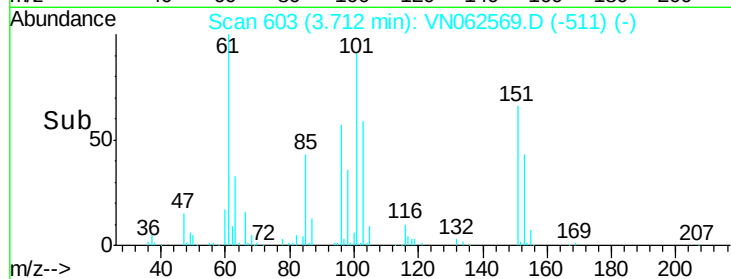
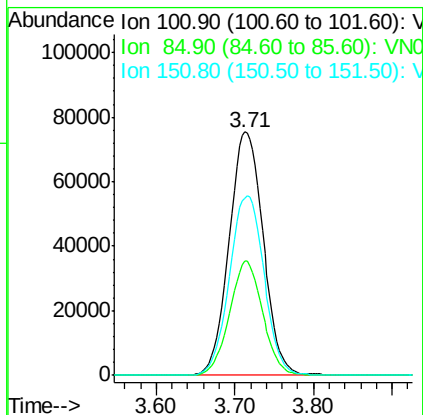
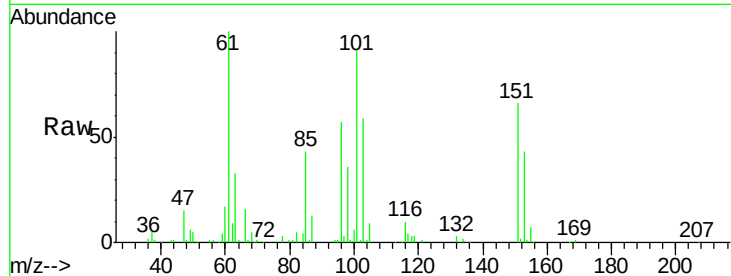
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	228514
Ion Ratio	Lower	Upper	
101	100		
85	45.4	36.0	54.0
151	74.9	60.0	90.0

Manual Integrations
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#10

Methyl Iodide

Concen: 108.265 ug/l

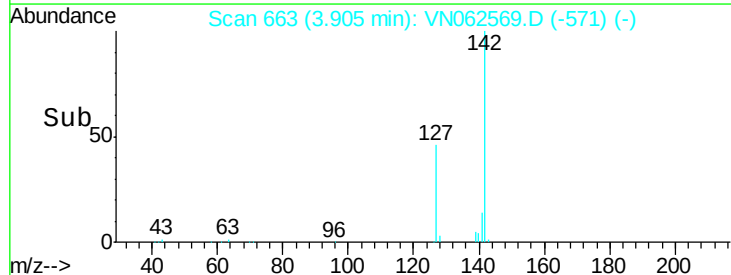
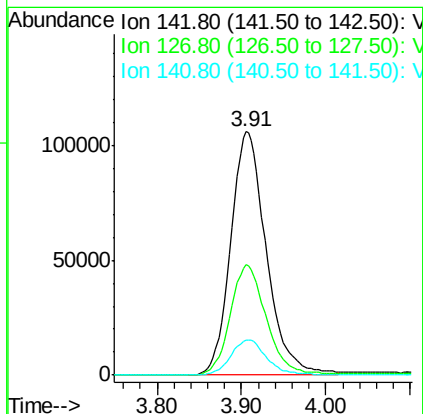
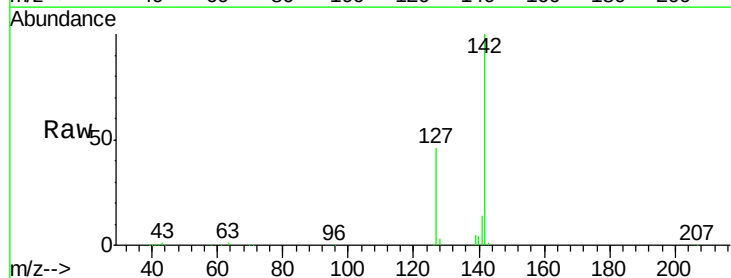
RT: 3.91 min Scan# 663

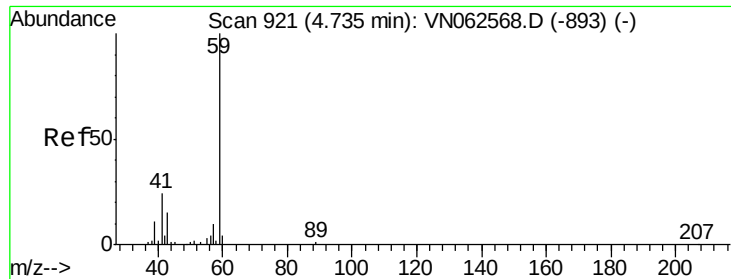
Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Tgt Ion:	142	Resp:	311896
Ion Ratio	Lower	Upper	
142	100		
127	45.8	37.4	56.0
141	14.5	11.9	17.9





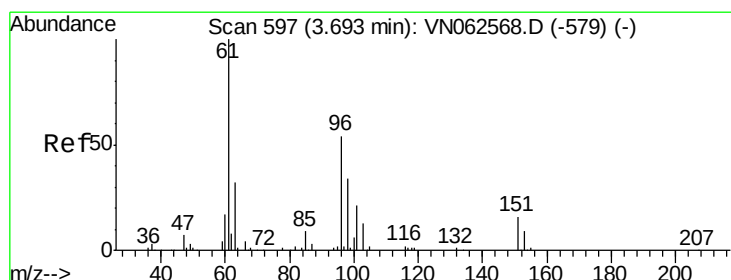
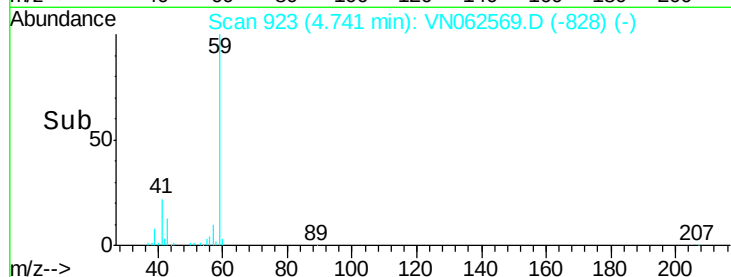
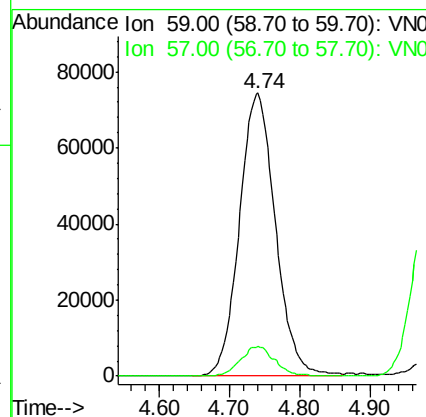
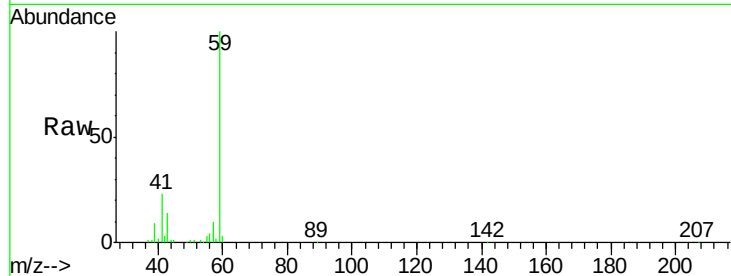
#11
Tert butyl alcohol
Concen: 482.019 ug/l
RT: 4.74 min Scan# 923
Delta R.T. 0.01 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
59	100	265293		
57	9.8		8.2	12.2

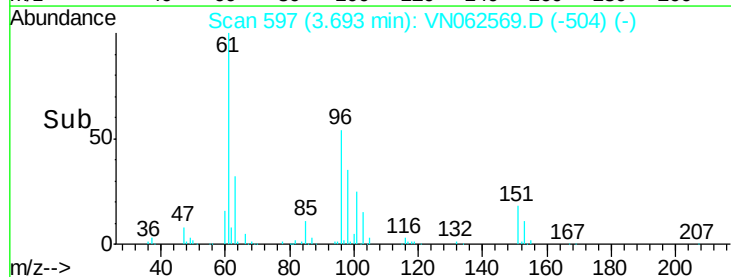
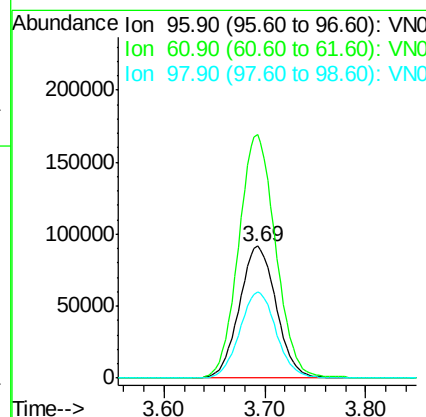
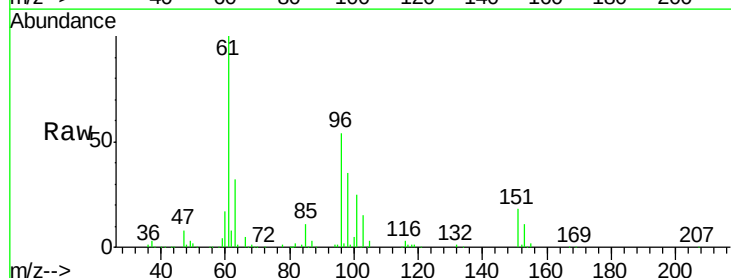
Manual Integrations
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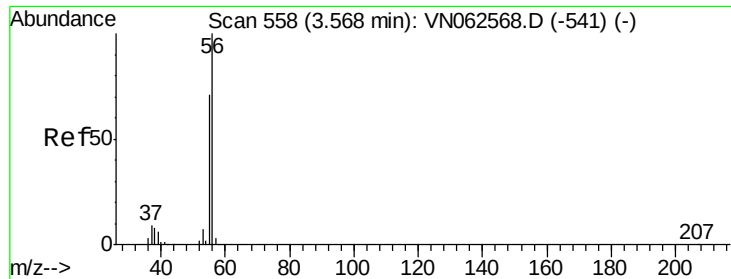
MMDadoda
7/22/2020 2:45:40 PM



#12
1,1-Dichloroethene
Concen: 104.146 ug/l
RT: 3.69 min Scan# 597
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	233177		
61	184.2		148.6	222.8
98	65.0		50.6	75.8





#13

Acrolein

Concen: 653.173 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

Tot Ion: 56 Resp: 284905

Ion Ratio Lower Upper

56 100

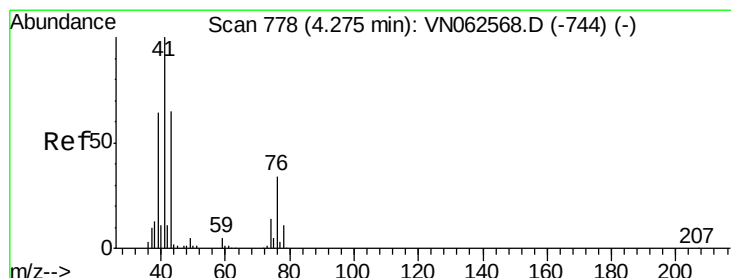
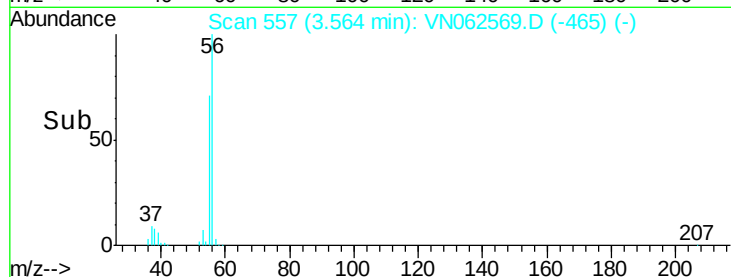
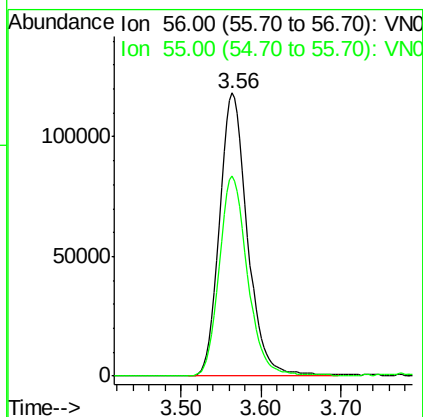
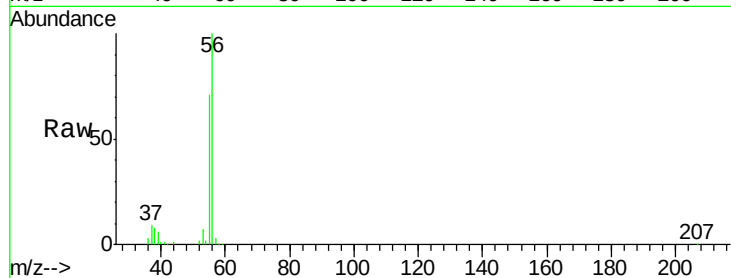
55 71.8 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 99.562 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

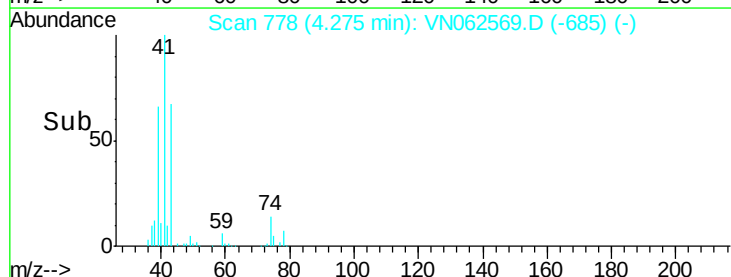
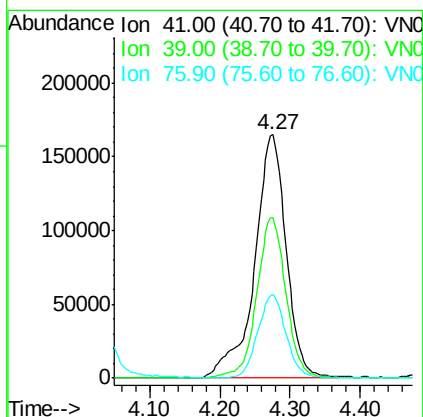
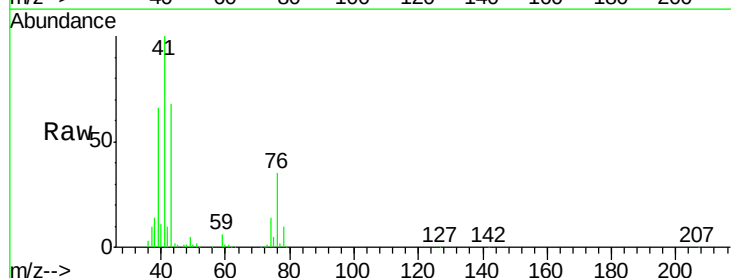
Tgt Ion: 41 Resp: 517900

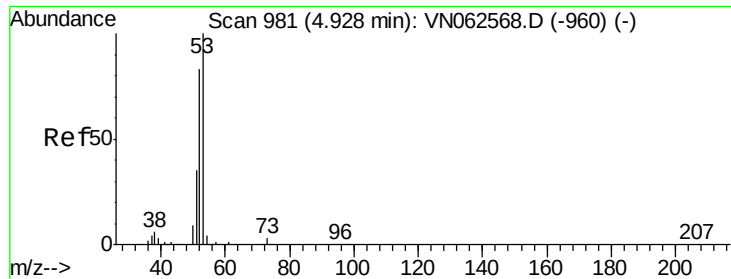
Ion Ratio Lower Upper

41 100

39 60.8 49.0 73.4

76 30.0 24.0 36.0





#15

Acrylonitrile

Concen: 521.139 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Instrument :

MSVOA_N

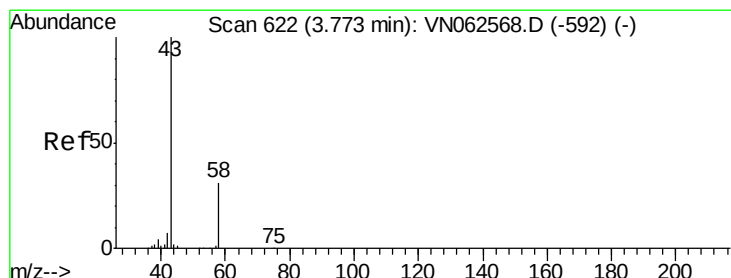
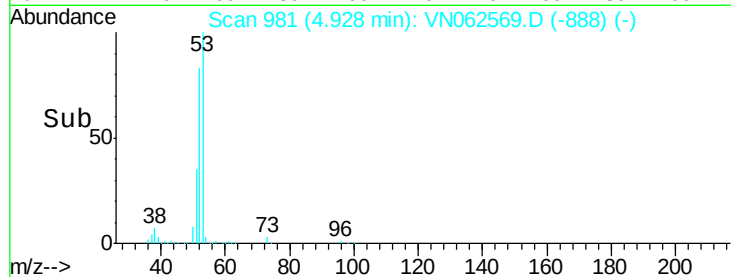
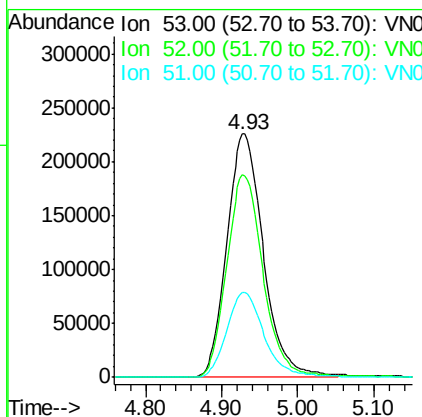
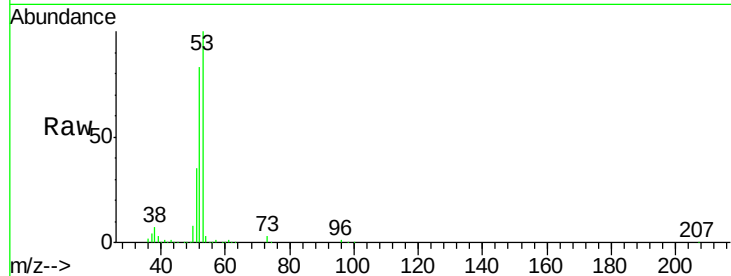
ClientSampleId :

VSTDIC100

Tot Ion:	53	Resp:	754045
Ion Ratio		Lower	Upper
53	100		
52	82.6	66.3	99.5
51	36.1	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 447.212 ug/l

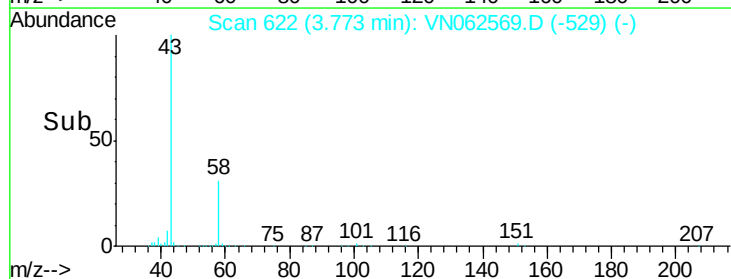
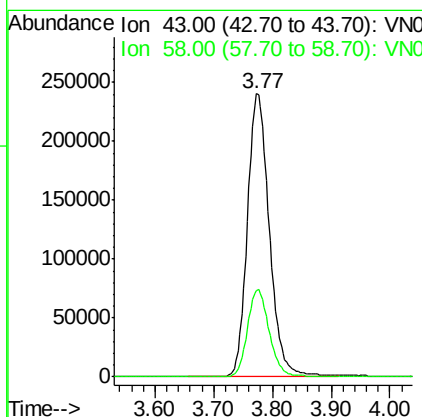
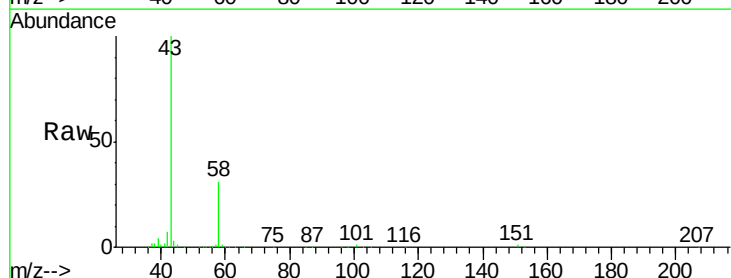
RT: 3.77 min Scan# 622

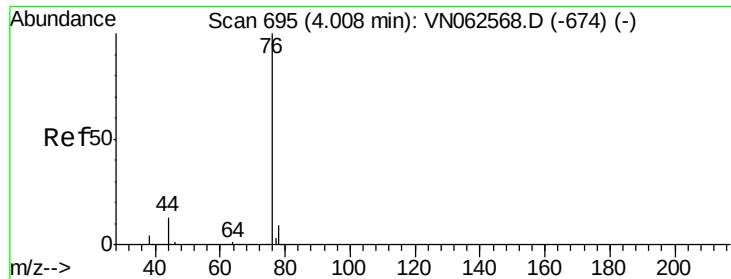
Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Tgt Ion:	43	Resp:	626233
Ion Ratio		Lower	Upper
43	100		
58	30.6	24.6	37.0





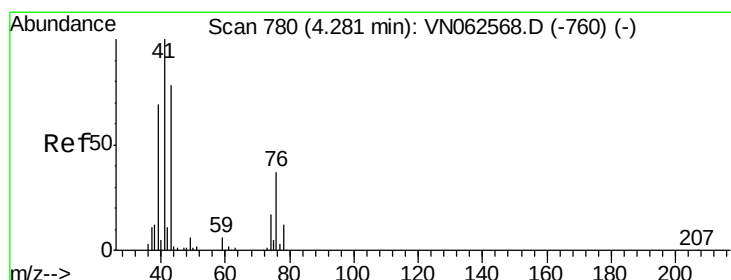
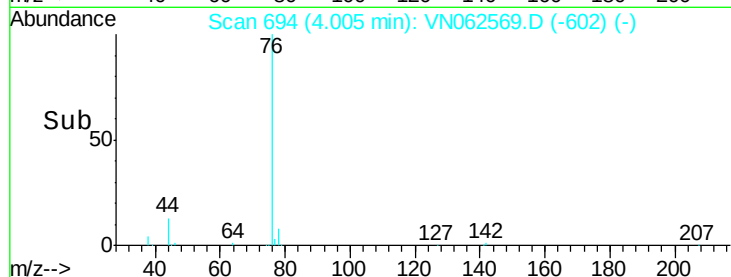
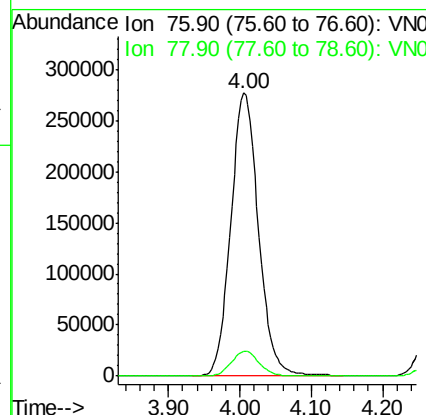
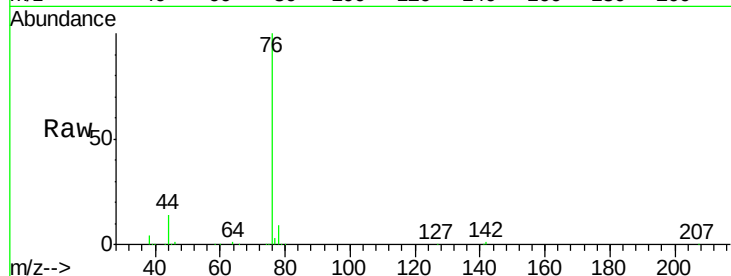
#17
Carbon Disulfide
Concen: 106.259 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.3	10.9

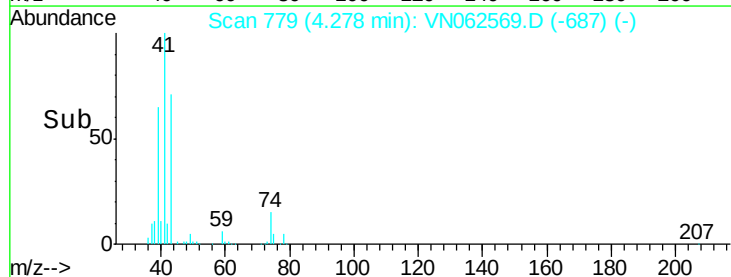
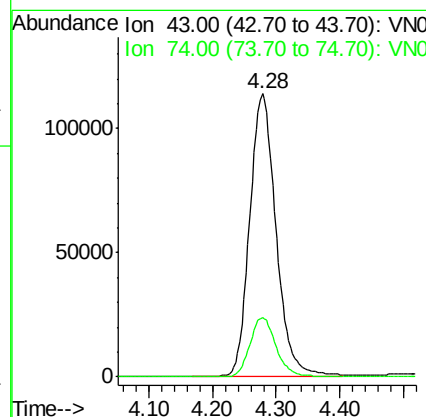
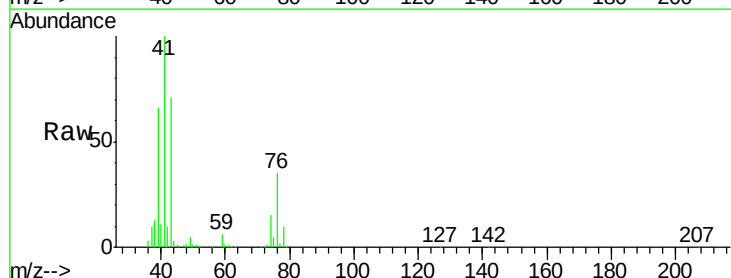
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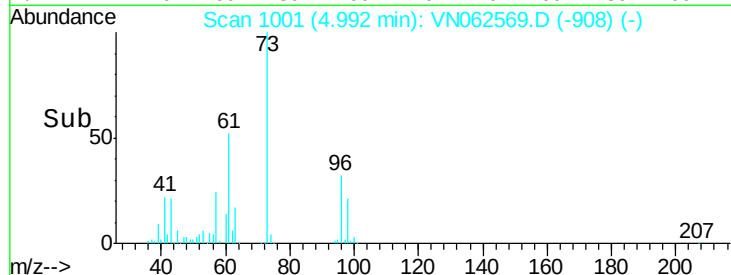
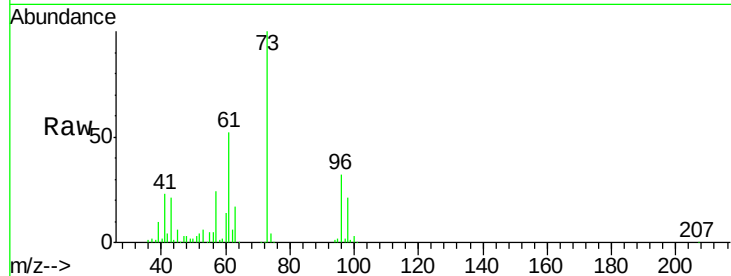
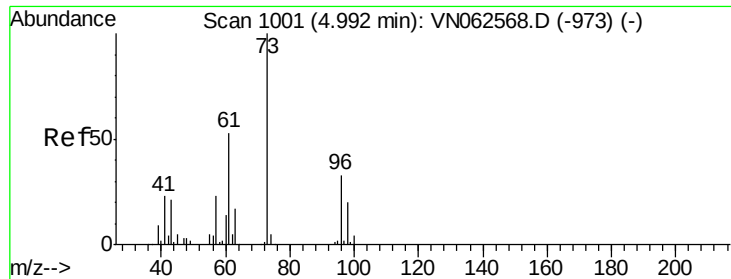
MMDadoda
7/22/2020 2:45:40 PM



#18
Methyl Acetate
Concen: 93.601 ug/l
RT: 4.28 min Scan# 779
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.8	16.6	24.8





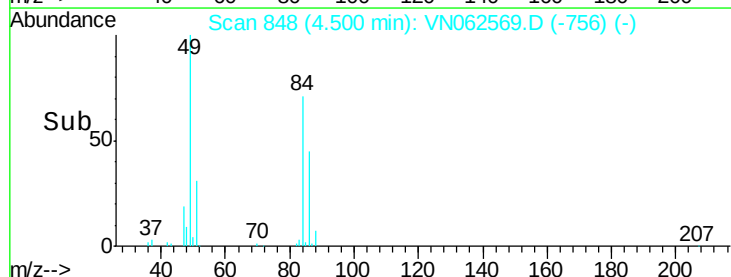
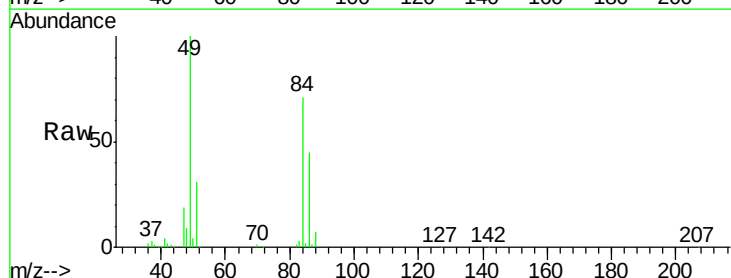
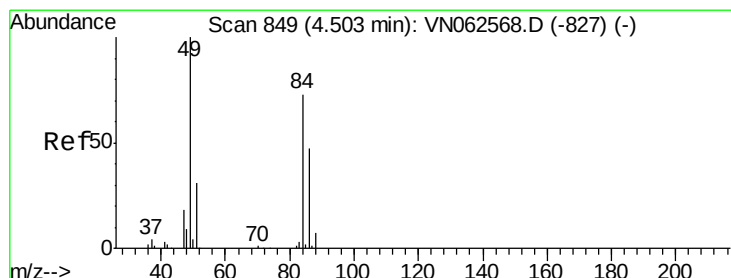
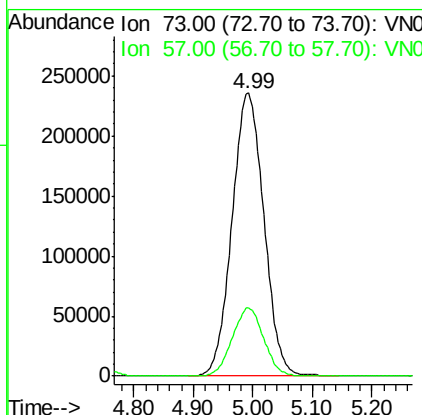
#19
Methyl tert-butyl Ether
Concen: 103.764 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Tot Ion: 73 Resp: 880343
Ion Ratio Lower Upper
73 100
57 24.2 18.6 27.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

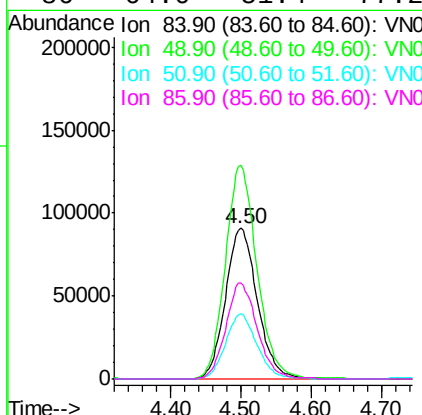
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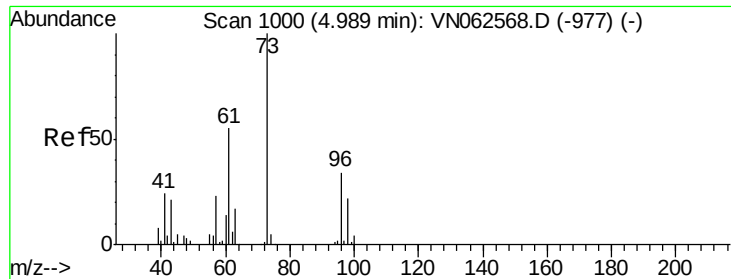
MMDadoda
7/22/2020 2:45:40 PM



#20
Methylene Chloride
Concen: 94.349 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Tgt Ion: 84 Resp: 287464
Ion Ratio Lower Upper
84 100
49 141.4 109.4 164.0
51 43.5 33.6 50.4
86 64.0 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 105.801 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Instrument :

MSVOA_N

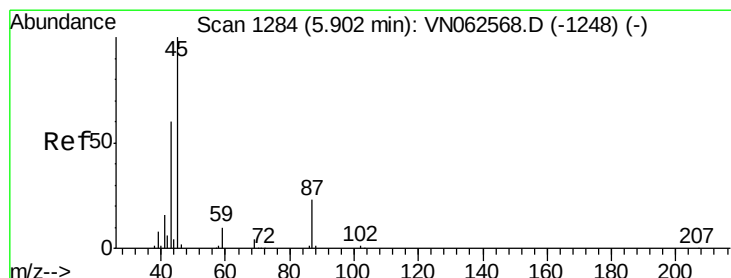
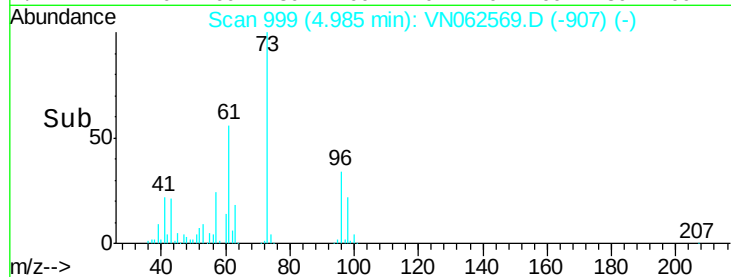
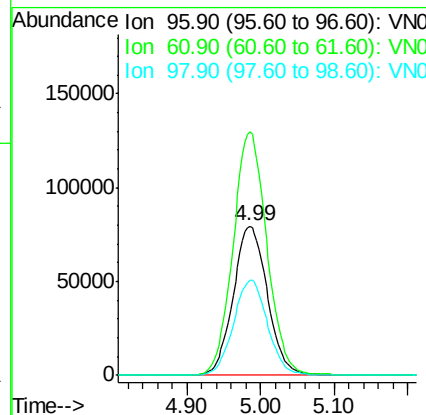
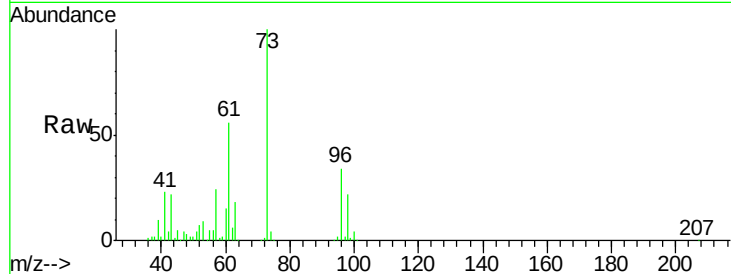
ClientSampleId :

VSTDIC100

Tot Ion:	96	Resp:	256555
Ion	Ratio	Lower	Upper
96	100		
61	163.4	128.6	192.8
98	63.7	50.6	76.0

Manual Integrations
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7/22/2020 2:45:40 PM



#22

Diisopropyl ether

Concen: 99.273 ug/l

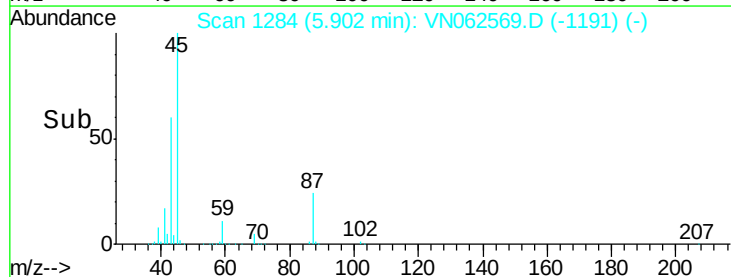
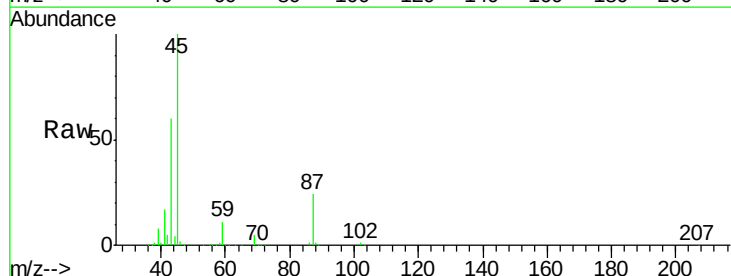
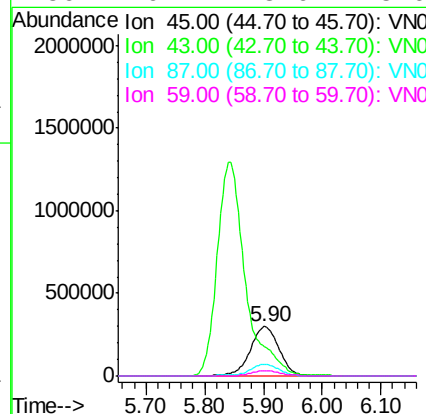
RT: 5.90 min Scan# 1284

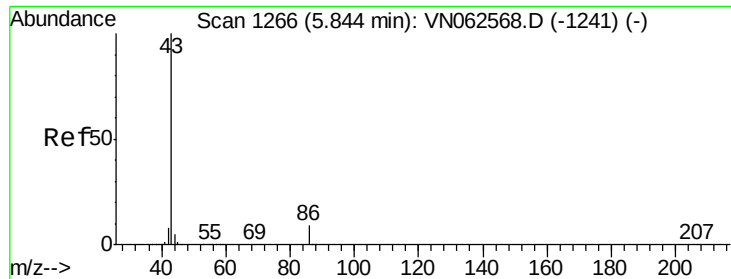
Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Tgt Ion:	45	Resp:	1020525
Ion	Ratio	Lower	Upper
45	100		
43	59.1	48.7	73.1
87	24.0	19.0	28.6
59	10.7	8.6	13.0





#23

Vinyl Acetate

Concen: 509.921 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 4342464

Ion Ratio Lower Upper

43 100

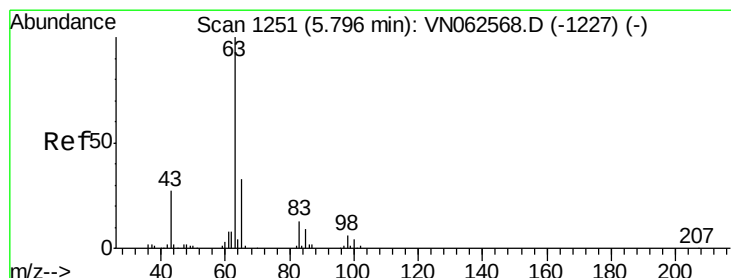
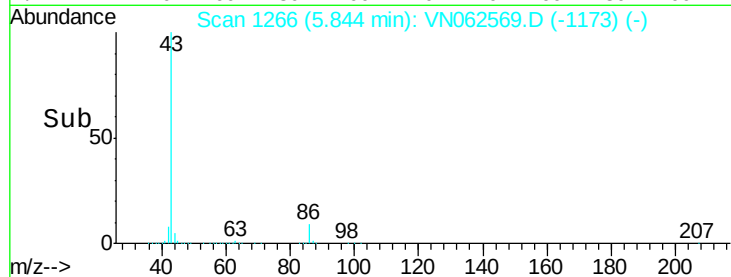
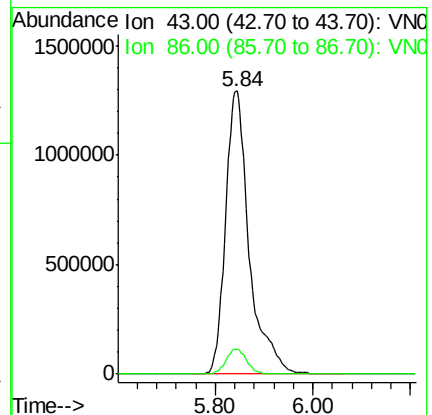
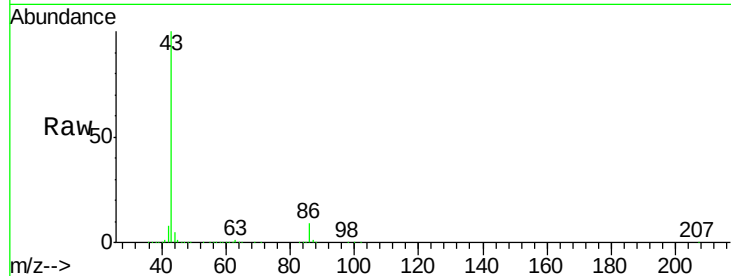
86 8.9 6.9 10.3

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 101.183 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

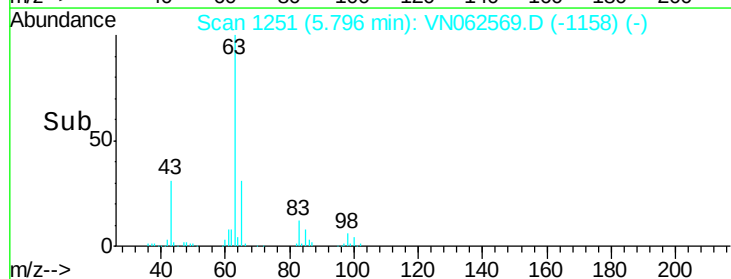
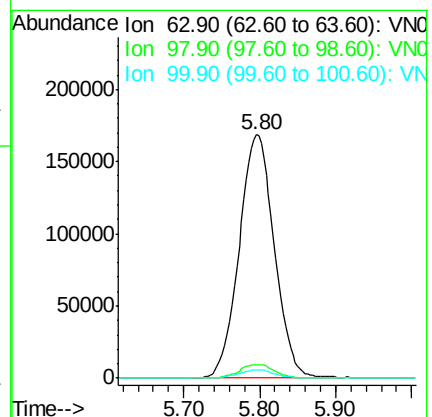
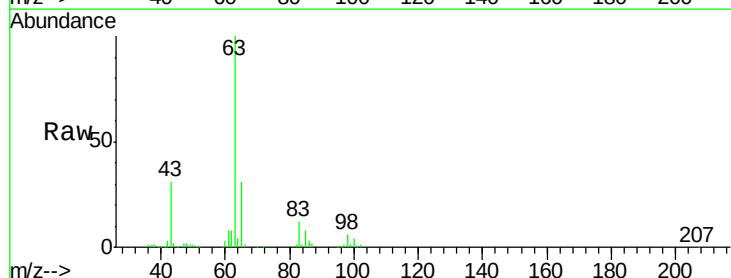
Tgt Ion: 63 Resp: 540801

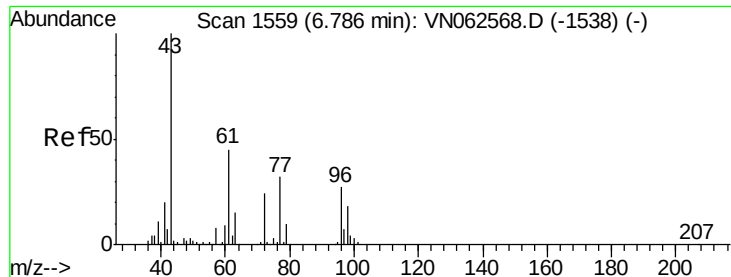
Ion Ratio Lower Upper

63 100

98 5.6 2.9 8.8

100 3.5 1.8 5.4





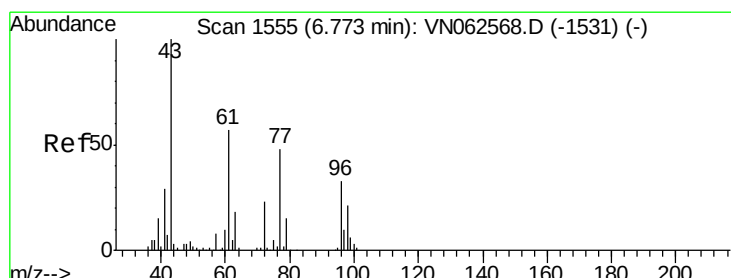
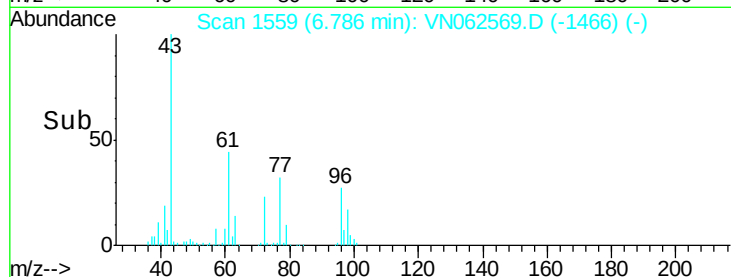
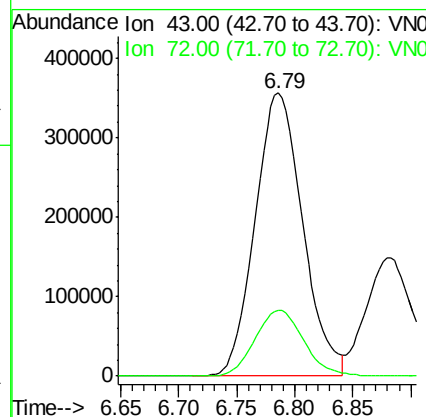
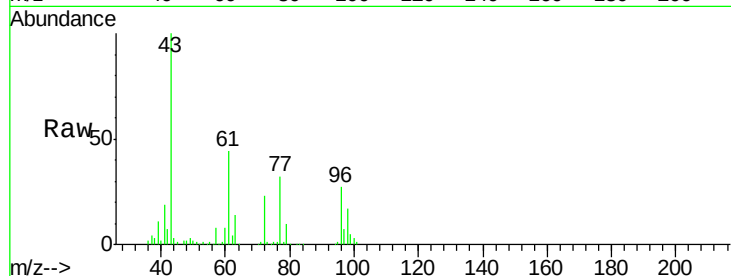
#25
2-Butanone
Concen: 495.905 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 1015309
Ion Ratio Lower Upper
43 100
72 23.2 19.0 28.6

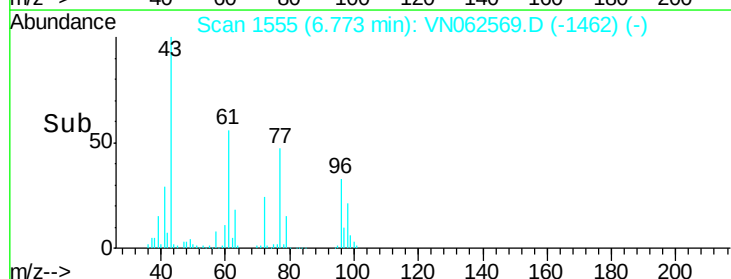
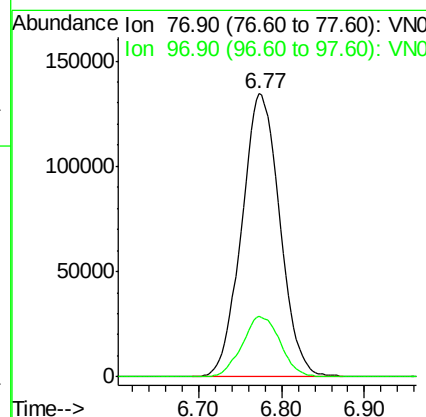
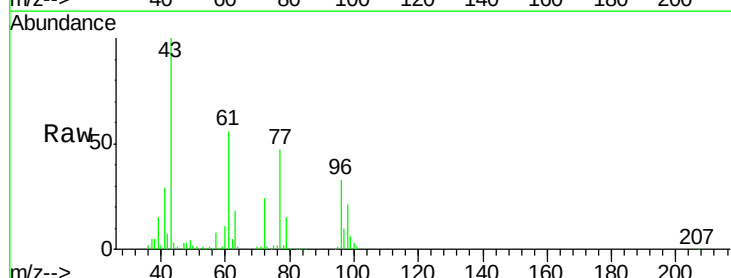
Manual Integrations
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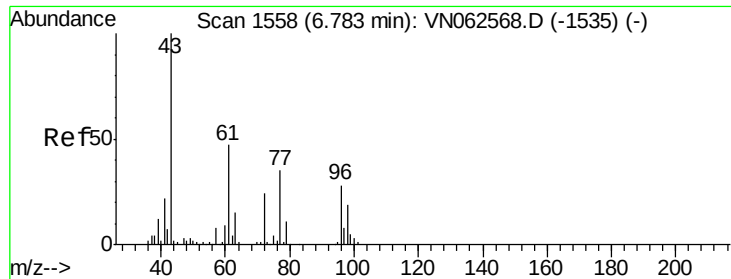
MMDadoda
7/22/2020 2:45:40 PM



#26
2,2-Dichloropropane
Concen: 103.911 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Tgt Ion: 77 Resp: 430514
Ion Ratio Lower Upper
77 100
97 21.3 10.8 32.4





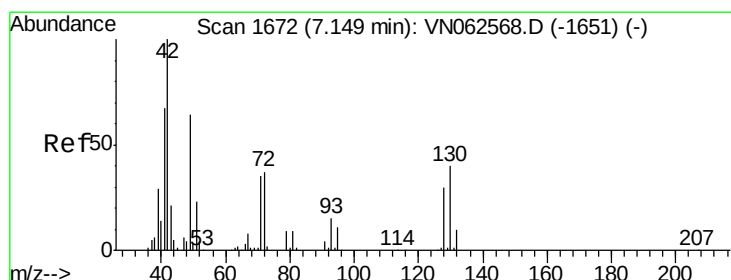
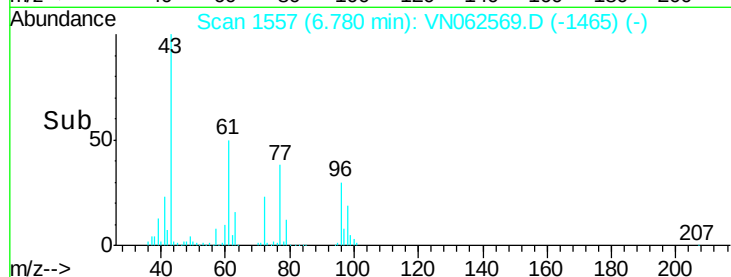
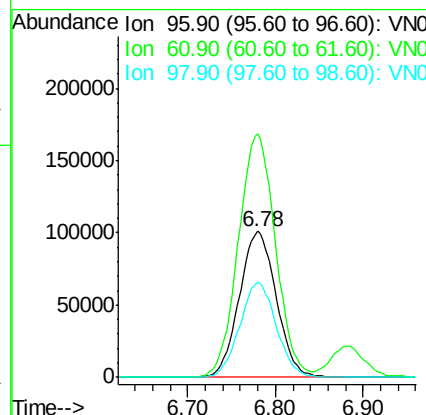
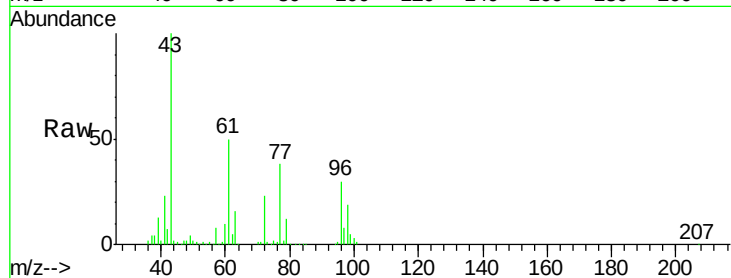
#27
 cis-1,2-Dichloroethene
 Concen: 105.409 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VN062569.D
 Acq: 21 Jul 2020 13:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
96	100	296289		
61	167.2		0.0	332.4
98	64.4		0.0	127.4

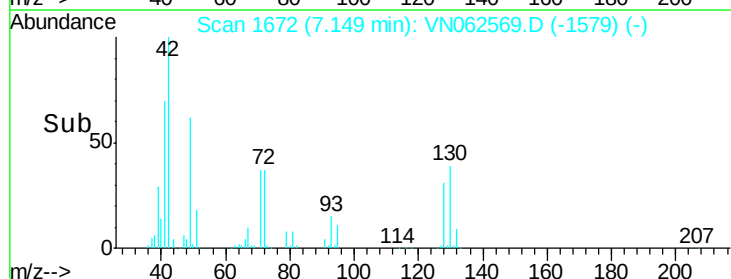
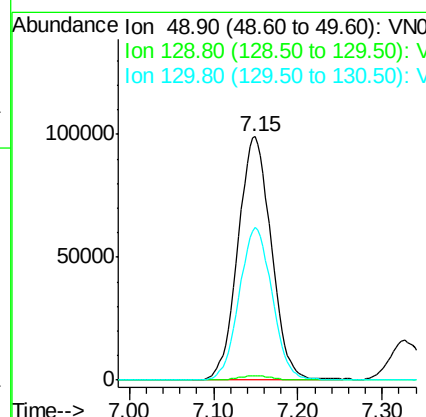
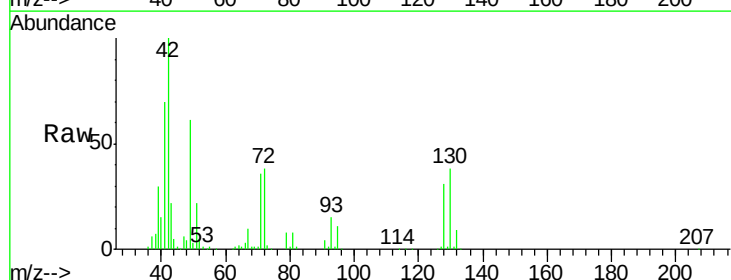
Manual Integrations
 APPROVED

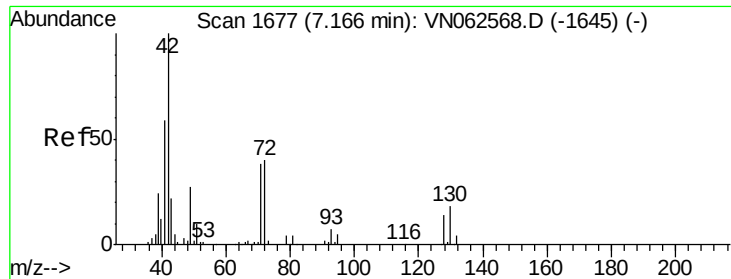
MMDadoda
 7/22/2020 2:45:40 PM



#28
 Bromochloromethane
 Concen: 94.612 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VN062569.D
 Acq: 21 Jul 2020 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	272760		
129	1.7		0.0	3.4
130	62.1		49.8	74.8





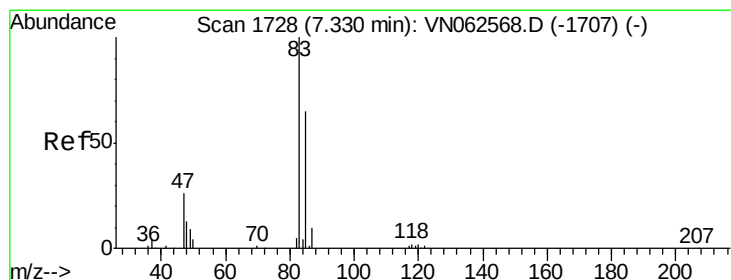
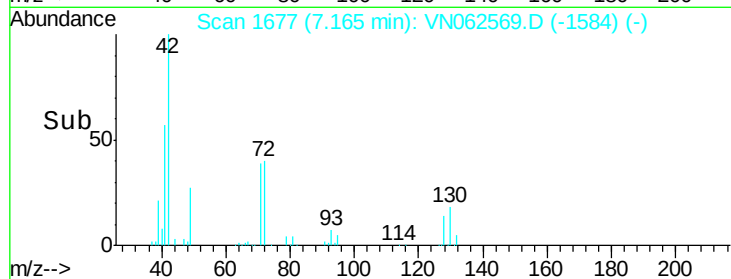
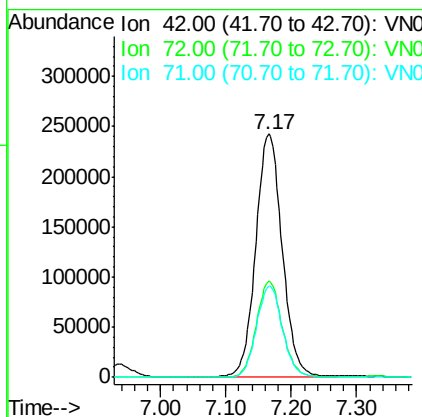
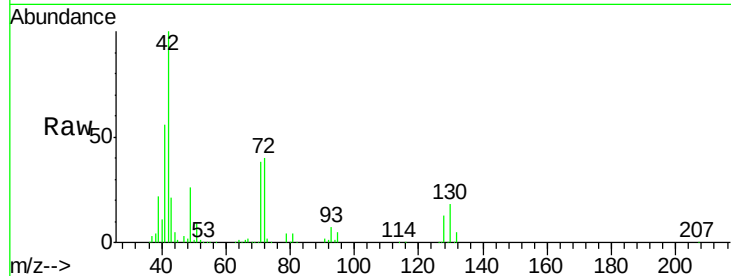
#29
Tetrahydrofuran
Concen: 495.649 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.6	30.7	46.1
71	36.9	29.1	43.7

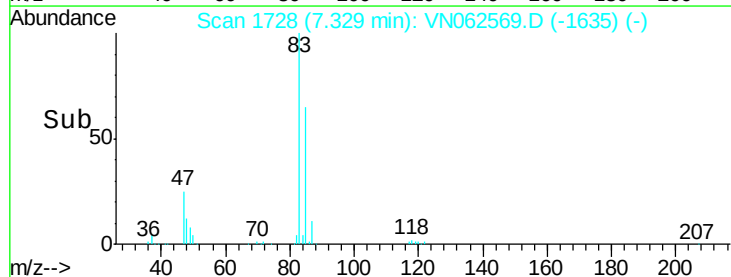
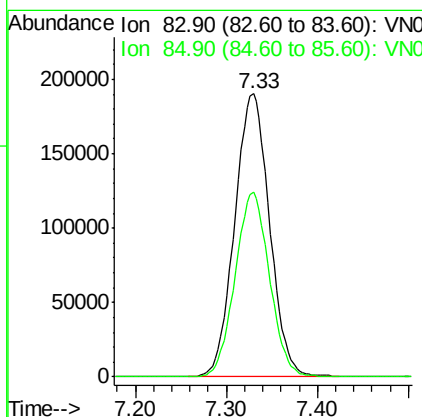
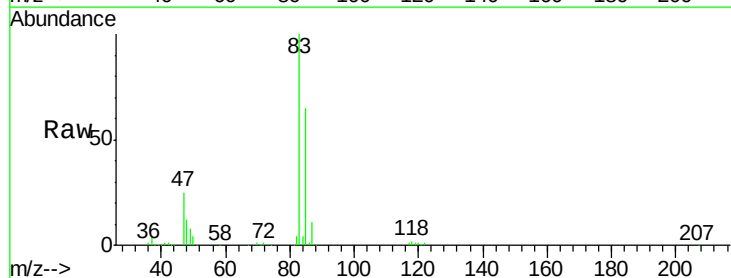
Manual Integrations
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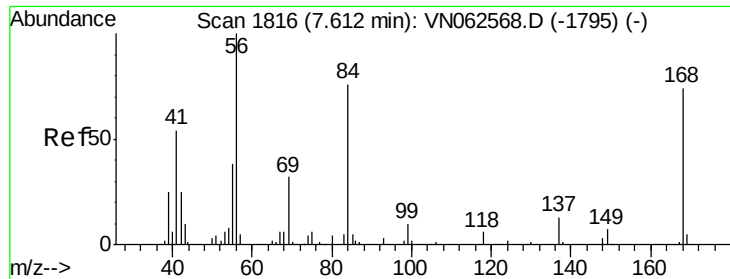
MMDadoda
7/22/2020 2:45:40 PM



#30
Chloroform
Concen: 104.339 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.0	78.0





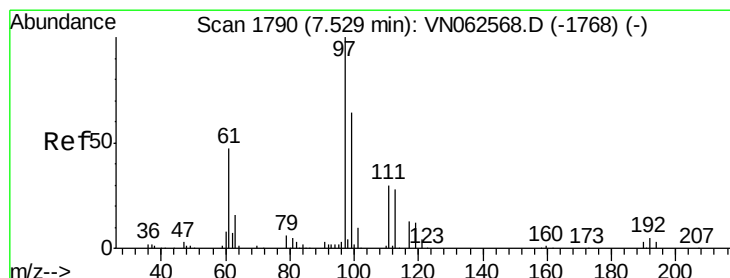
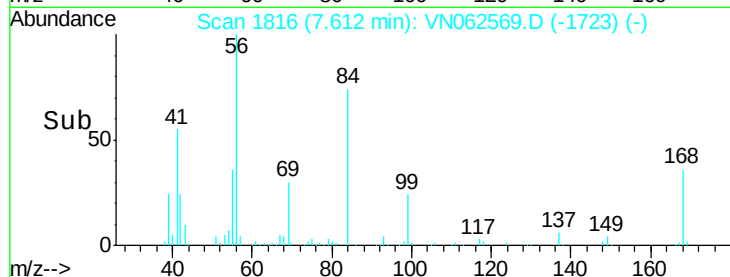
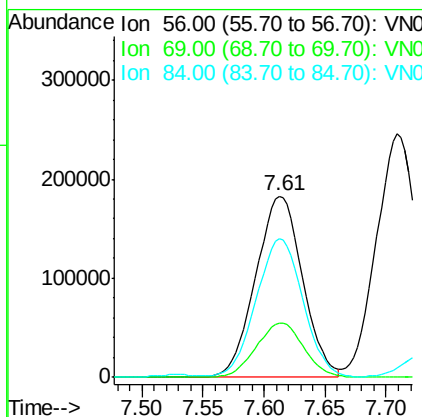
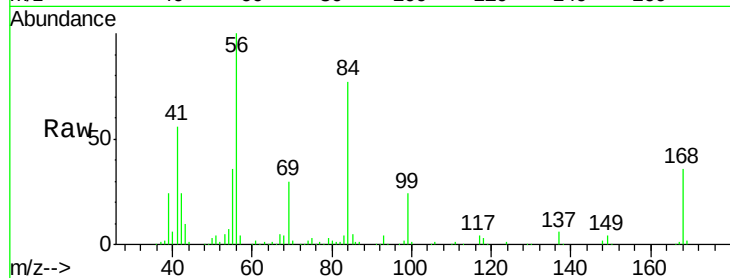
#31
Cyclohexane
Concen: 96.920 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.1	25.3	37.9
84	75.4	61.0	91.4

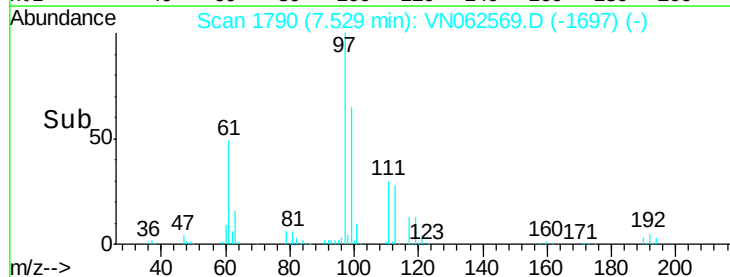
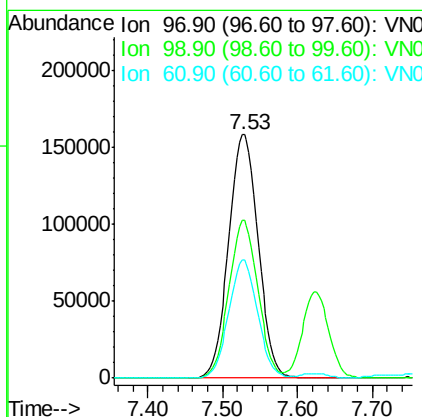
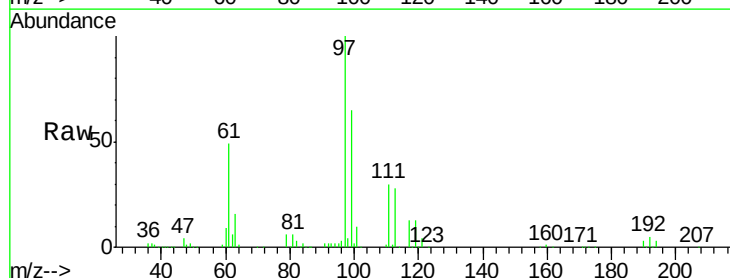
Manual Integrations
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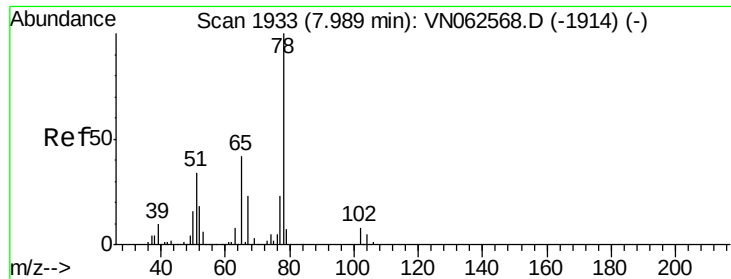
MMDadoda
7/22/2020 2:45:40 PM



#32
1,1,1-Trichloroethane
Concen: 107.381 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.2	76.8
61	47.4	38.4	57.6





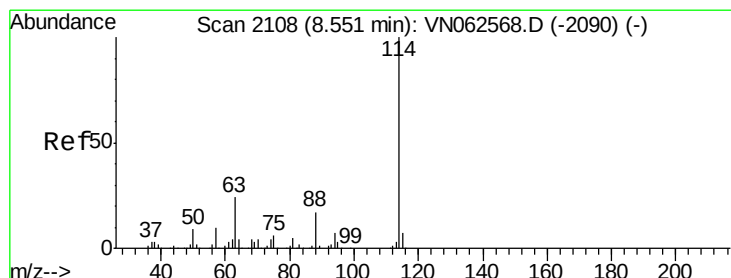
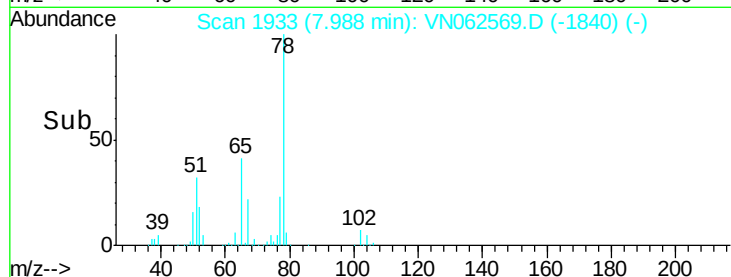
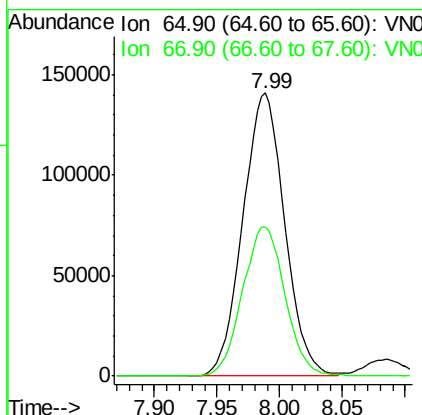
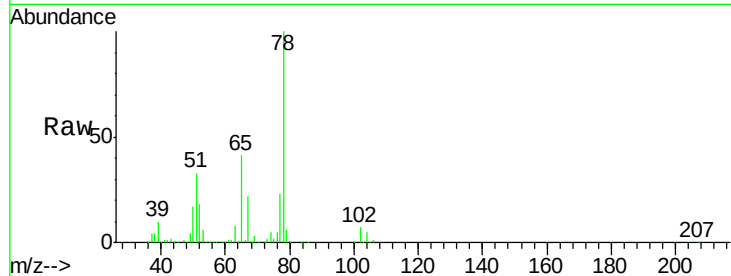
#33
 1,2-Dichloroethane-d4
 Concen: 97.727 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062569.D
 Acq: 21 Jul 2020 13:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
65	100	327362		
67	53.9	0.0	106.0	

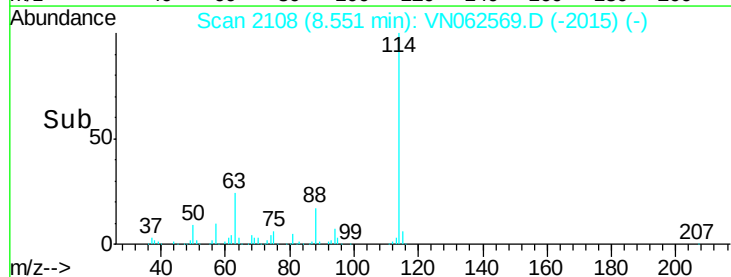
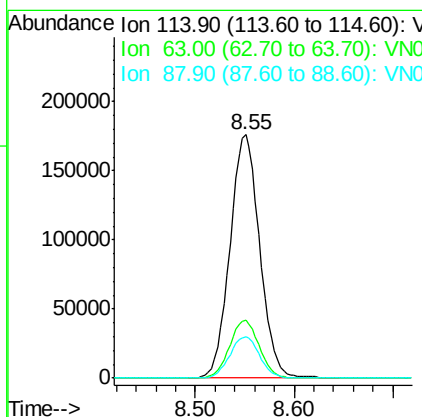
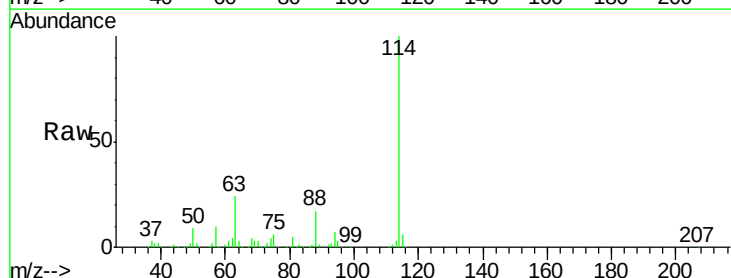
Manual Integrations
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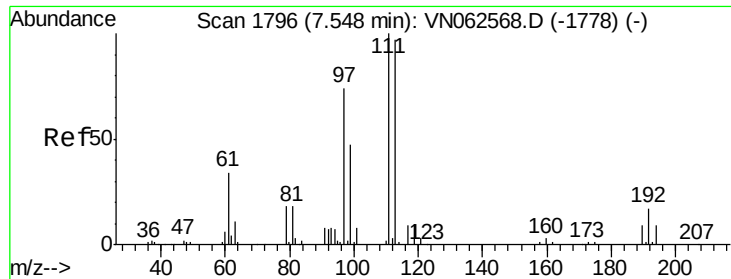
MMDadoda
 7/22/2020 2:45:40 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062569.D
 Acq: 21 Jul 2020 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	369312		
63	23.6	0.0	48.4	
88	17.0	0.0	33.8	





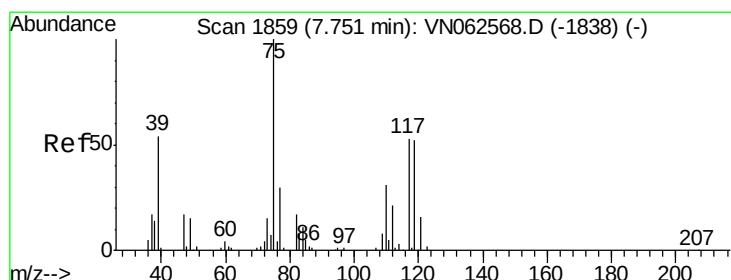
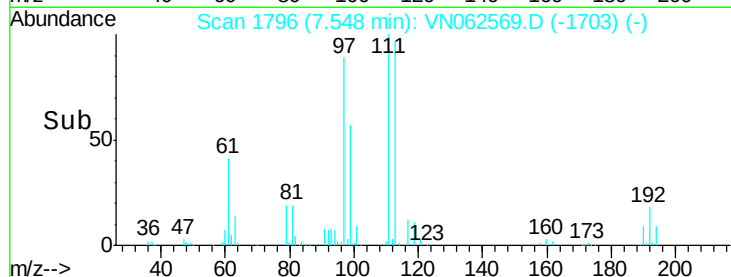
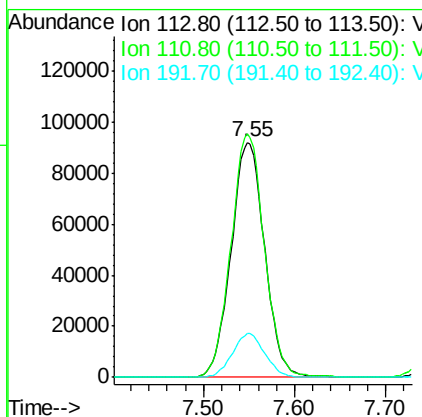
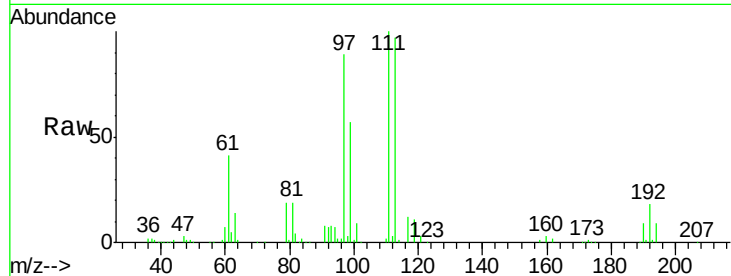
#35
 Dibromofluoromethane
 Concen: 102.924 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062569.D
 Acq: 21 Jul 2020 13:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
113	100	236038		
111	103.1	82.7	124.1	
192	18.0	14.8	22.2	

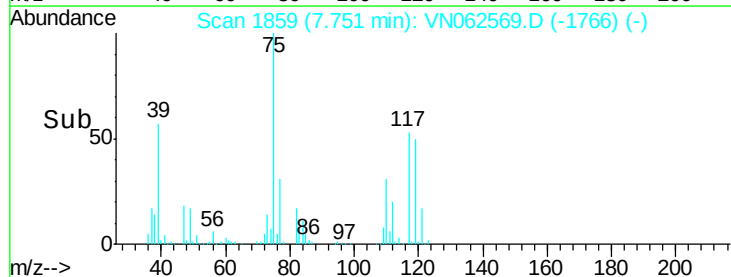
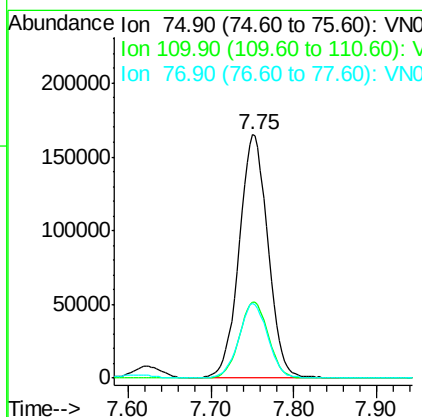
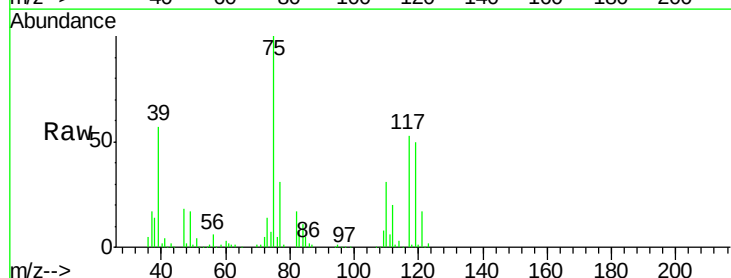
Manual Integrations
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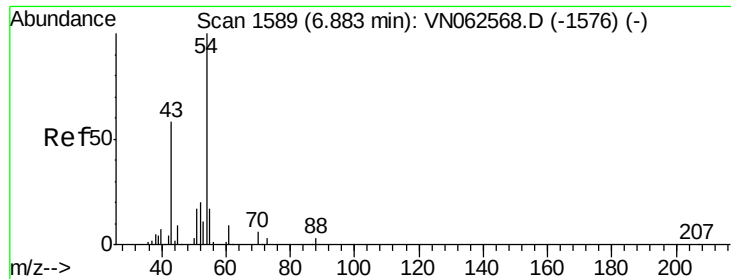
MMDadoda
 7/22/2020 2:45:40 PM



#36
 1,1-Dichloropropene
 Concen: 106.700 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062569.D
 Acq: 21 Jul 2020 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	396667		
110	31.8	16.0	48.0	
77	31.1	24.6	36.8	





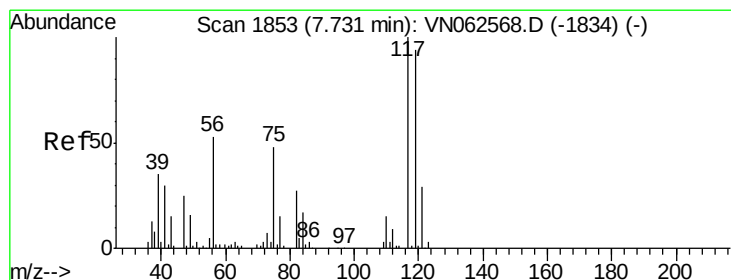
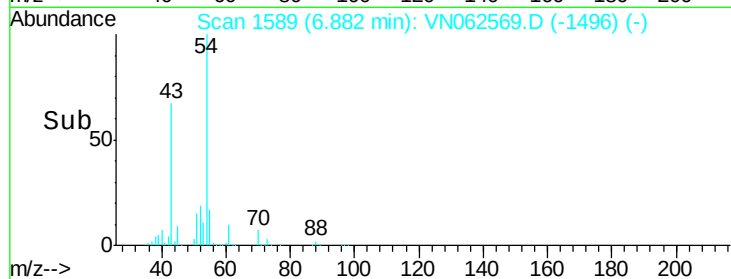
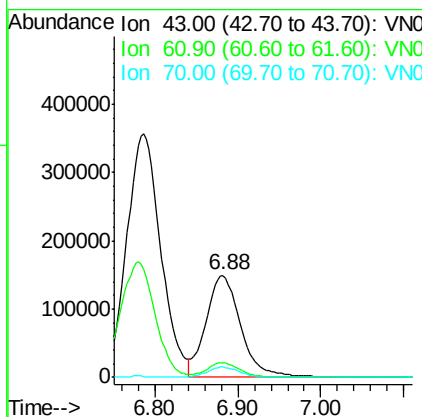
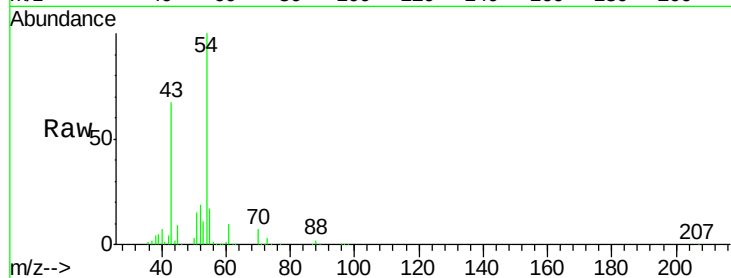
#37
Ethyl Acetate
Concen: 99.448 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.3	16.9
70	9.5	7.7	11.5

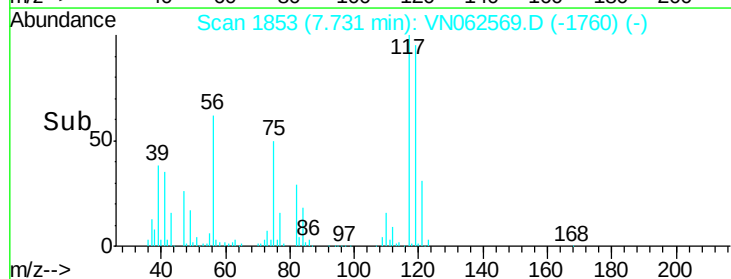
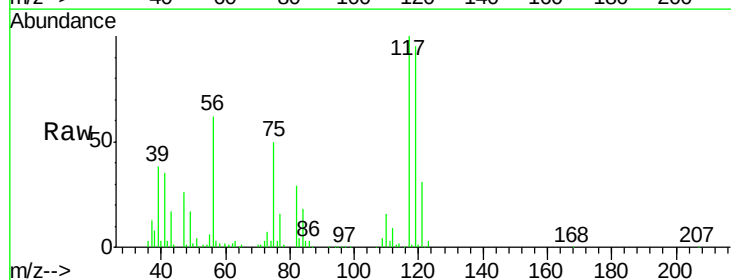
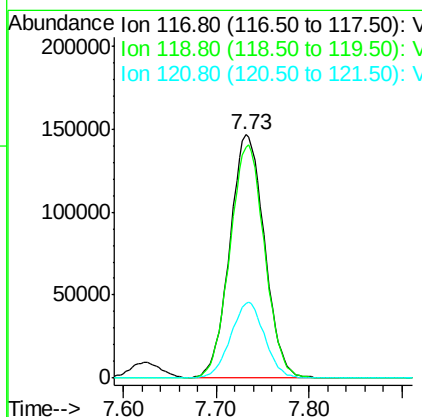
Manual Integrations
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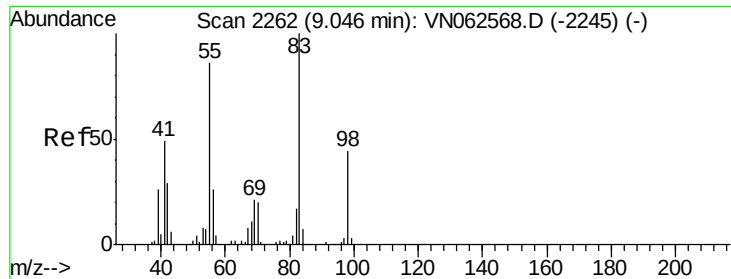
MMDadoda
7/22/2020 2:45:40 PM



#38
Carbon Tetrachloride
Concen: 111.333 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	74.8	112.2
121	30.9	23.0	34.6





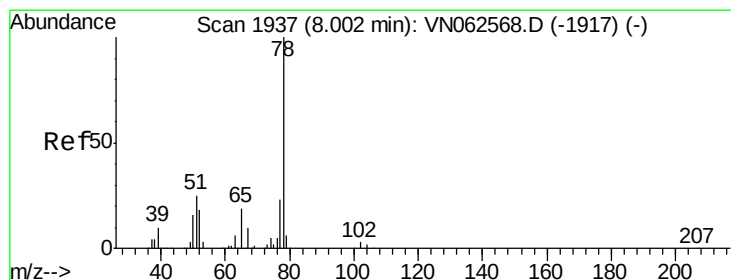
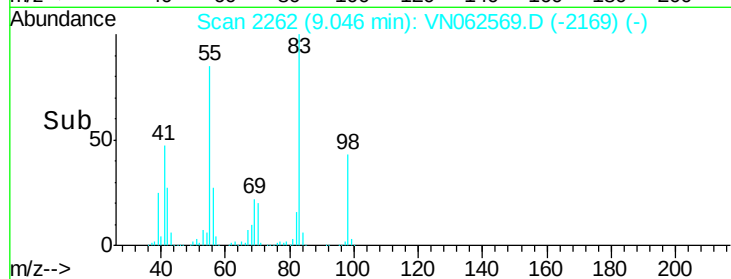
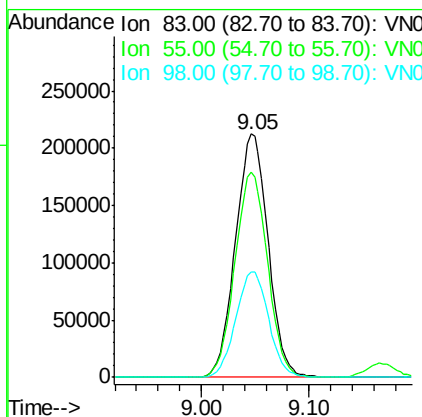
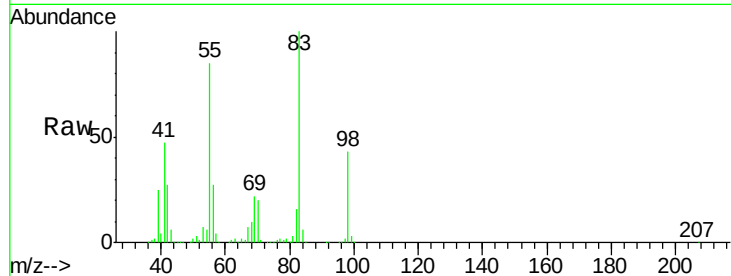
#39
Methylvlcyclohexane
Concen: 112.351 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	83	Resp	445661
Ion Ratio	100	Lower	Upper
83	100		
55	84.5	68.9	103.3
98	43.5	35.1	52.7

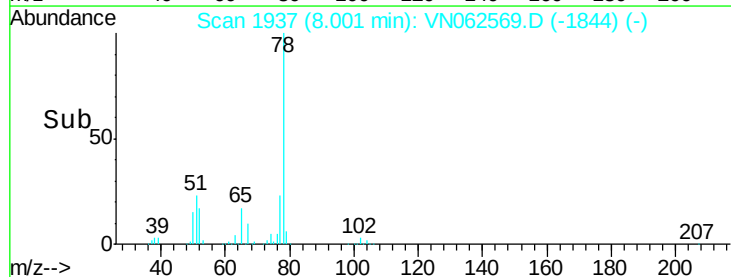
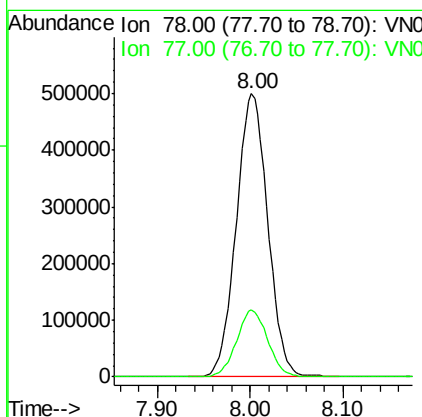
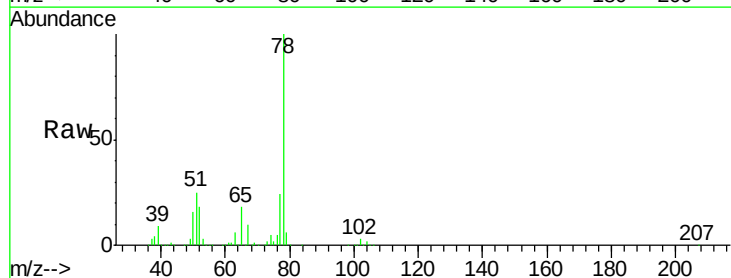
Manual Integrations
APPROVED

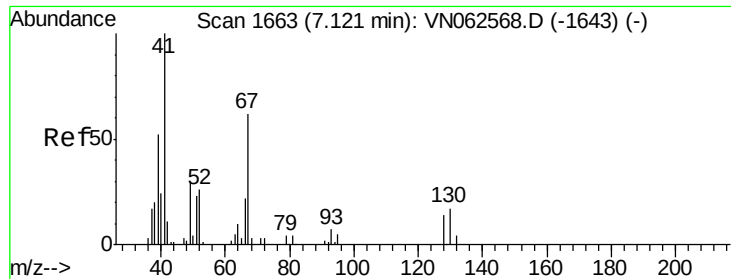
MMDadoda
7/22/2020 2:45:40 PM



#40
Benzene
Concen: 106.805 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Tgt Ion	78	Resp	1177397
Ion Ratio	100	Lower	Upper
78	100		
77	23.7	18.7	28.1





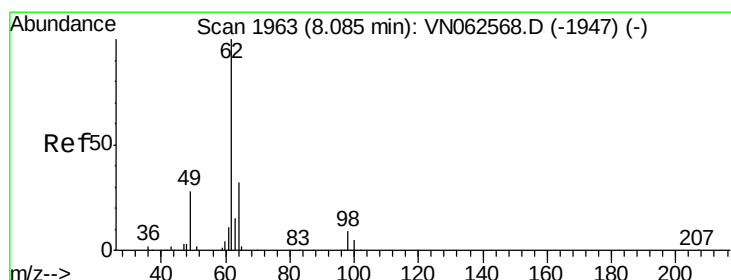
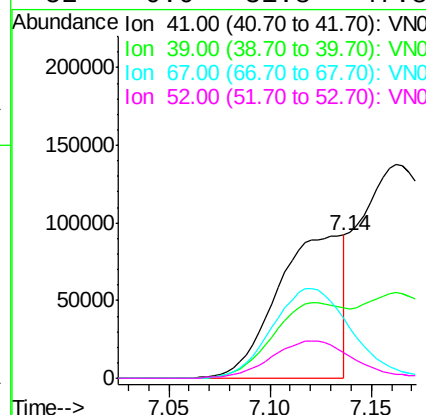
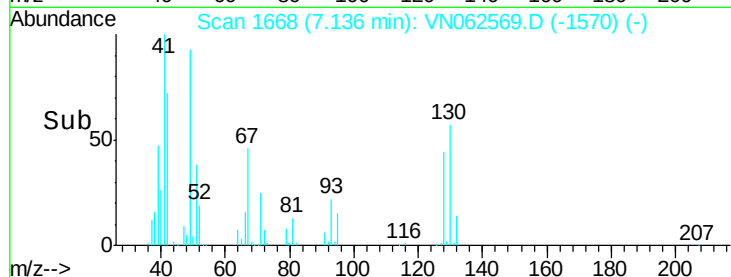
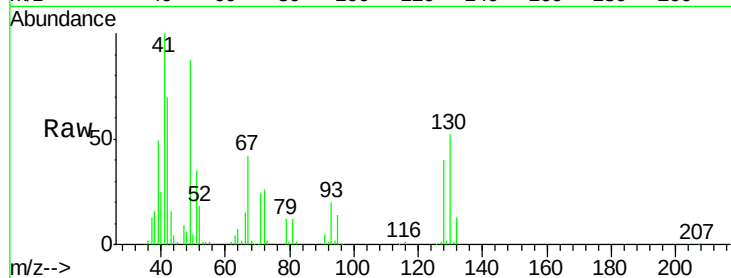
#41
Methacrylonitrile
Concen: 119.263 ug/l m
RT: 7.14 min Scan# 1668
Delta R.T. 0.02 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	55.8	83.6#
67	0.0	72.5	108.7#
52	0.0	31.8	47.8#

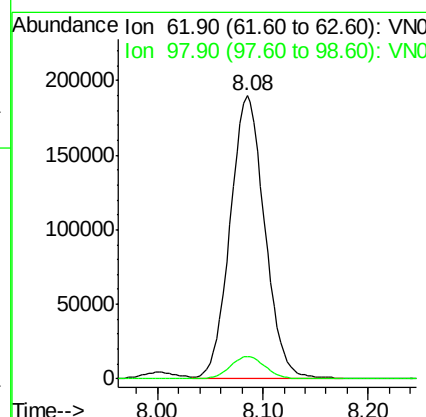
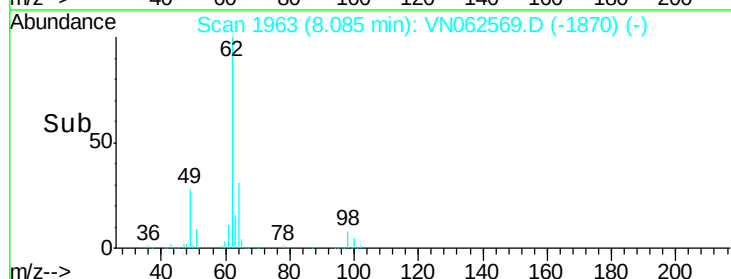
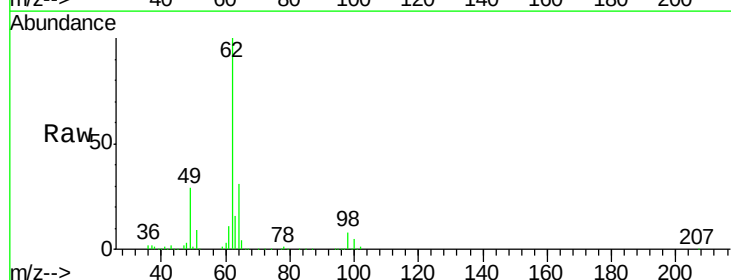
Manual Integrations
APPROVED

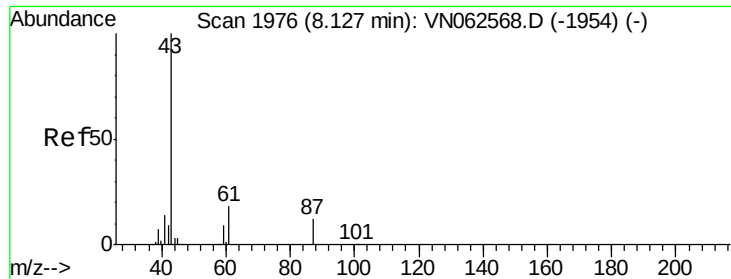
MMDadoda
7/22/2020 2:45:40 PM



#42
1,2-Dichloroethane
Concen: 106.273 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.2





#43

Isopropyl Acetate

Concen: 104.520 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Instrument :

MSVOA_N

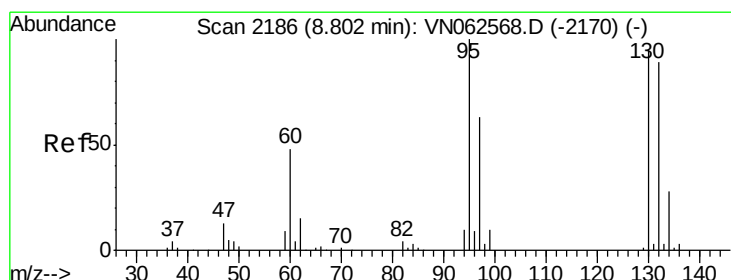
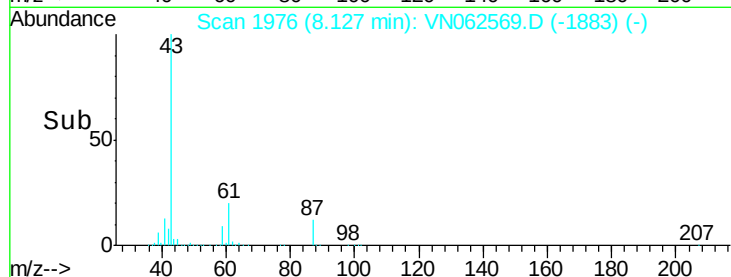
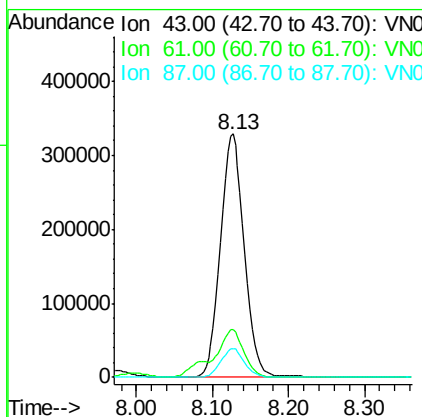
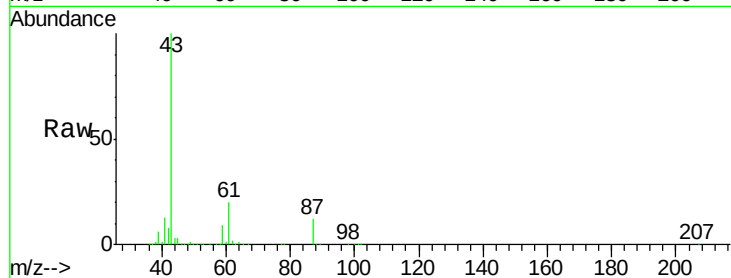
ClientSampleId :

VSTDICC100

Tot Ion:	43	Resp:	714007
Ion Ratio	Lower	Upper	
43	100		
61	19.6	20.8	31.2#
87	11.8	9.2	13.8

Manual Integrations
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#44

Trichloroethene

Concen: 108.123 ug/l

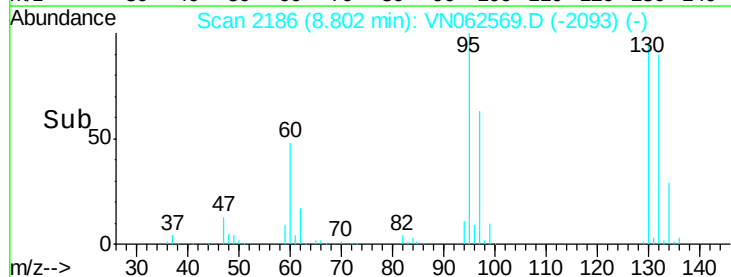
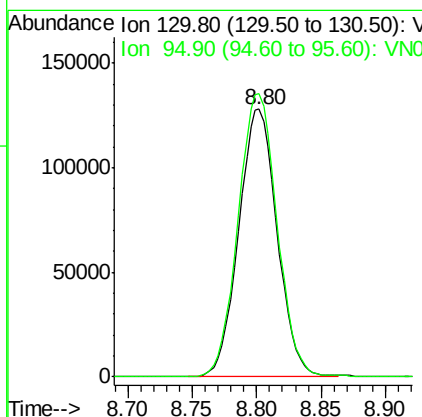
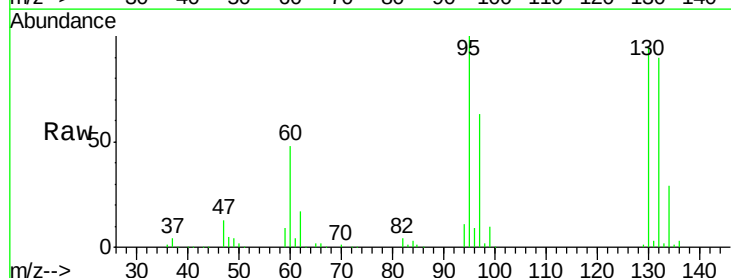
RT: 8.80 min Scan# 2186

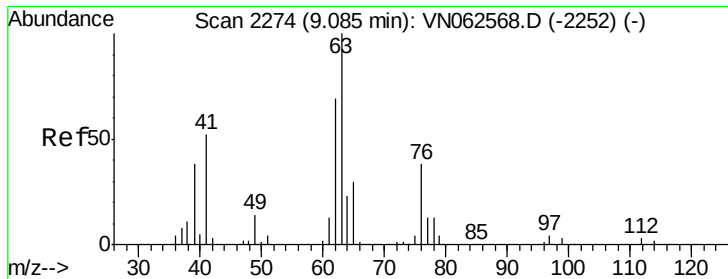
Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Tgt Ion:	130	Resp:	265430
Ion Ratio	Lower	Upper	
130	100		
95	105.7	0.0	210.4





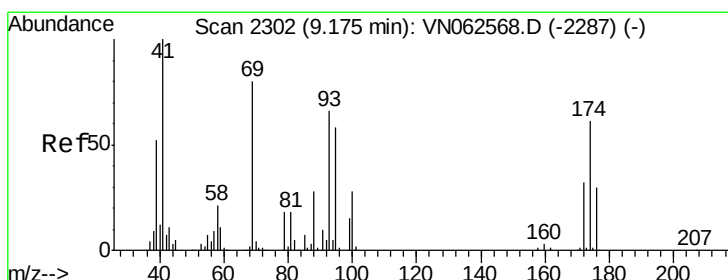
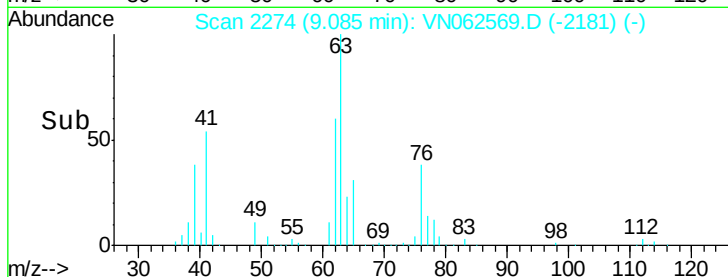
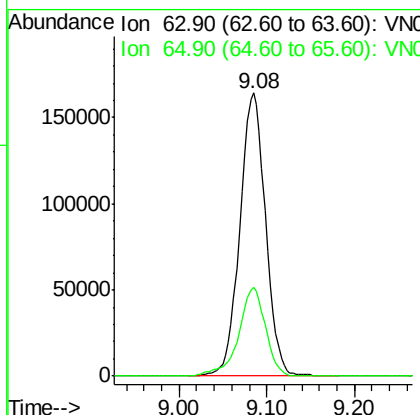
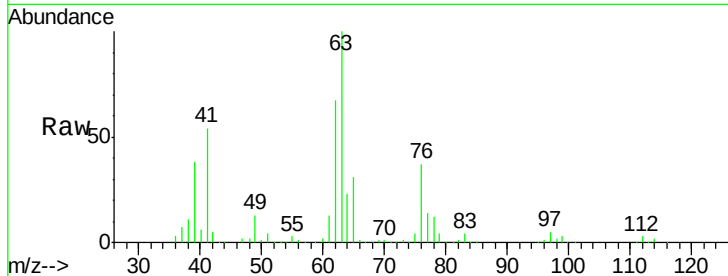
#45
 1,2-Dichloropropane
 Concen: 105.453 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062569.D
 Acq: 21 Jul 2020 13:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	24.4	36.6

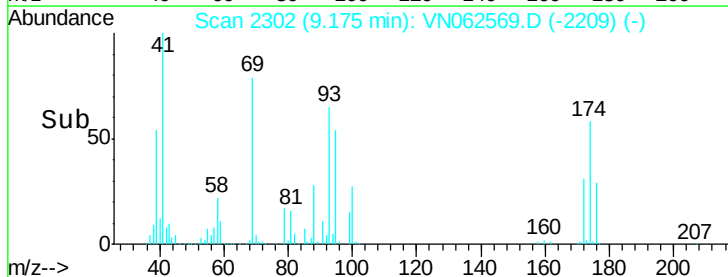
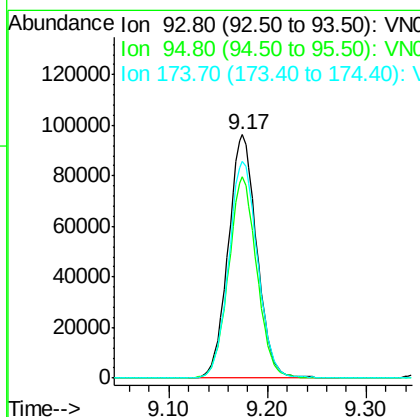
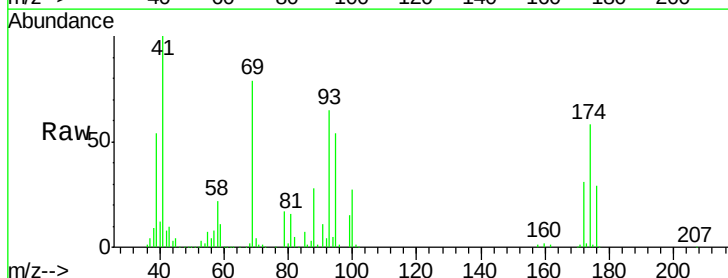
Manual Integrations
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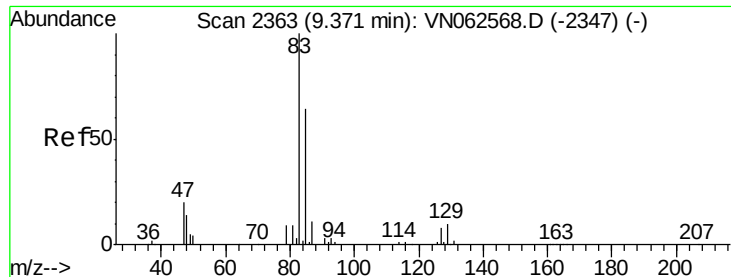
MMDadoda
 7/22/2020 2:45:40 PM



#46
 Dibromomethane
 Concen: 107.581 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062569.D
 Acq: 21 Jul 2020 13:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.7	67.6	101.4
174	90.5	72.5	108.7





#47

Bromodichloromethane

Concen: 108.805 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Instrument :

MSVOA_N

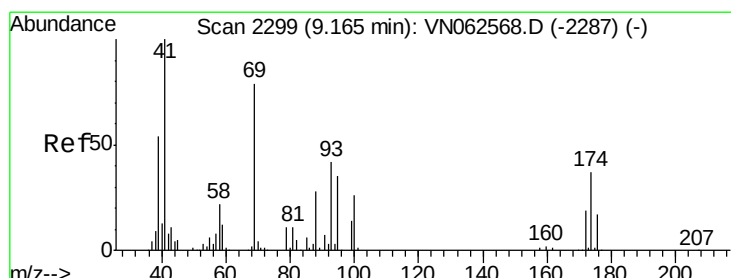
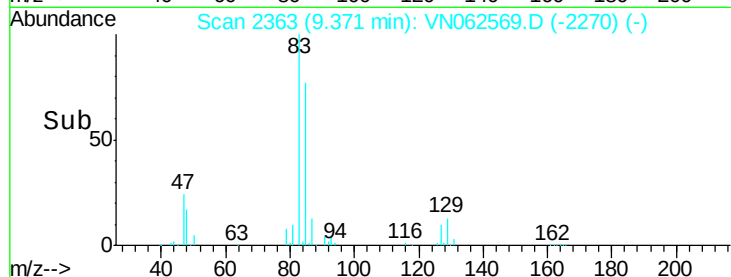
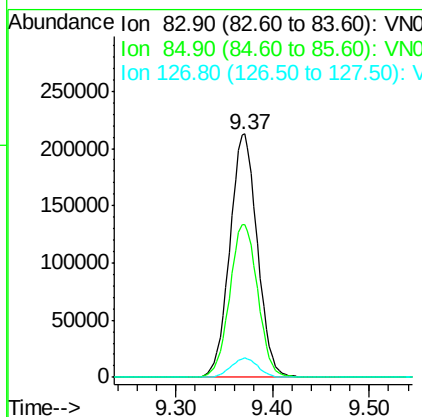
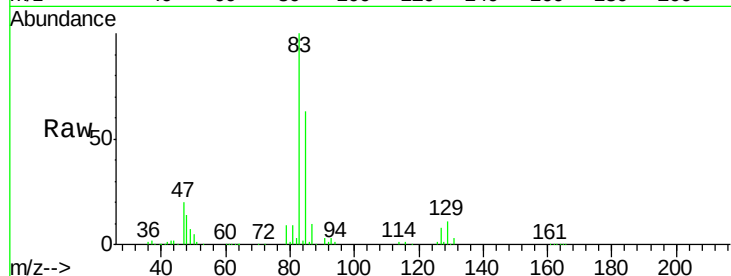
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	419275
Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.6	77.4
127	7.9	6.2	9.2

Manual Integrations
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MMDadoda
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#48

Methyl methacrylate

Concen: 103.885 ug/l

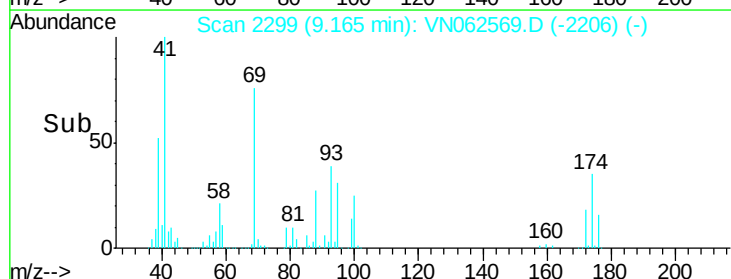
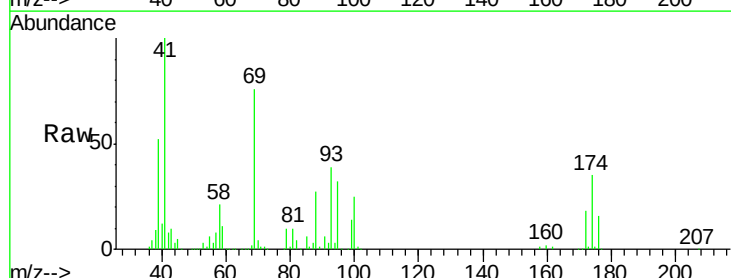
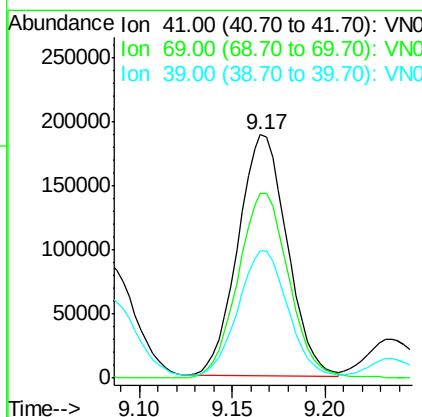
RT: 9.17 min Scan# 2299

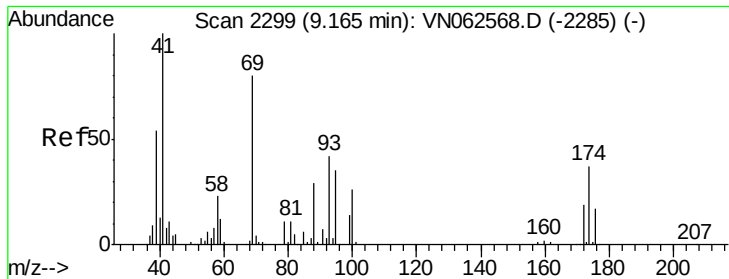
Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Tgt Ion:	41	Resp:	346472
Ion	Ratio	Lower	Upper
41	100		
69	79.9	64.4	96.6
39	53.9	43.5	65.3





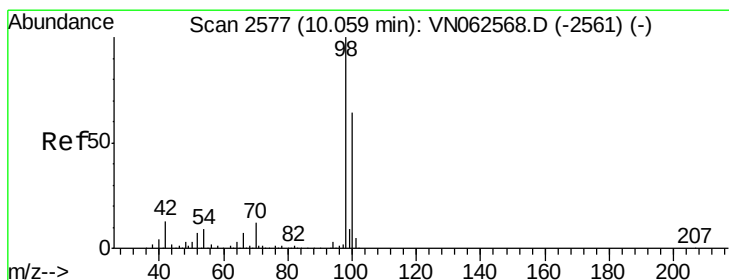
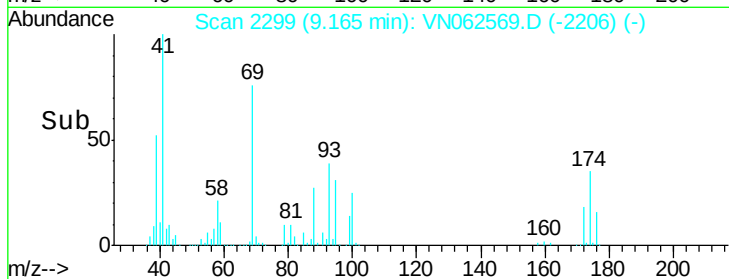
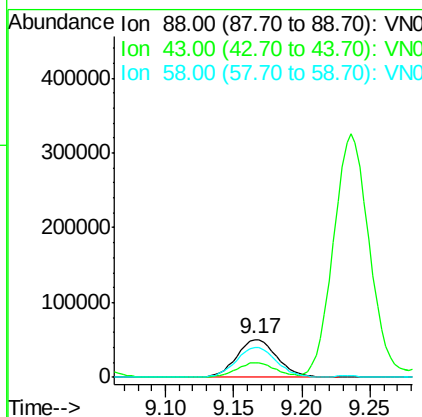
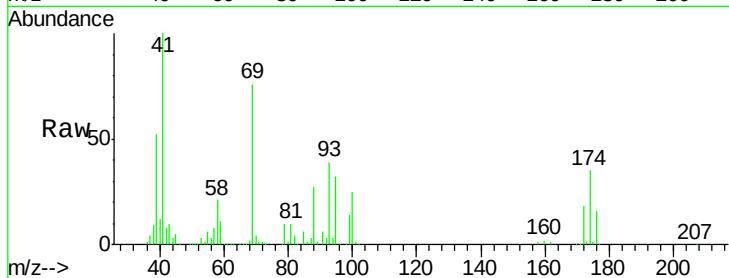
#49
1,4-Dioxane
Concen: 2123.456 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	88	Resp	104301
Ion	Ratio	Lower	Upper
88	100		
43	37.3	32.0	48.0
58	78.6	62.8	94.2

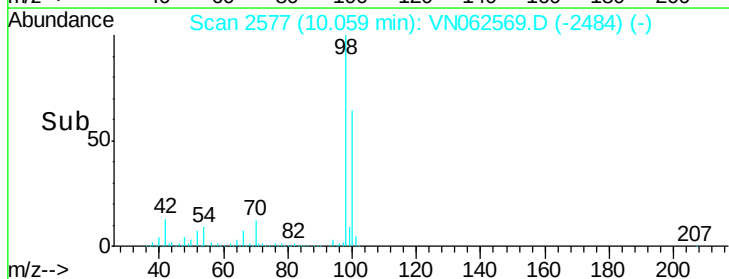
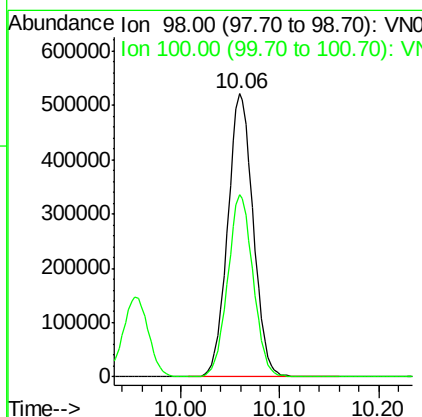
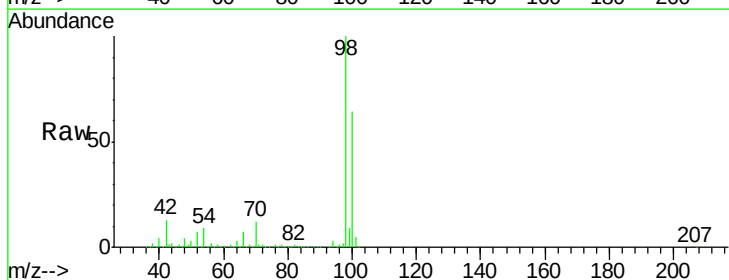
Manual Integrations
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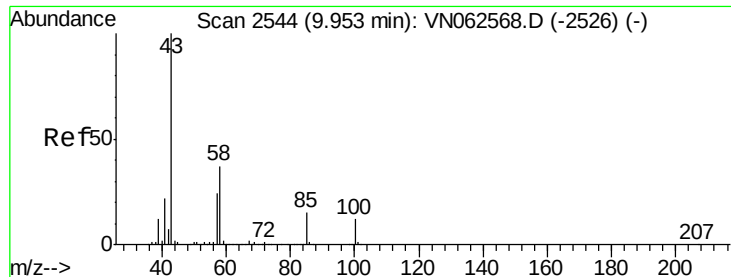
MMDadoda
7/22/2020 2:45:40 PM



#50
Toluene-d8
Concen: 104.071 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Tgt Ion	98	Resp	943163
Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 526.699 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 2145374

Ion Ratio Lower Upper

43 100

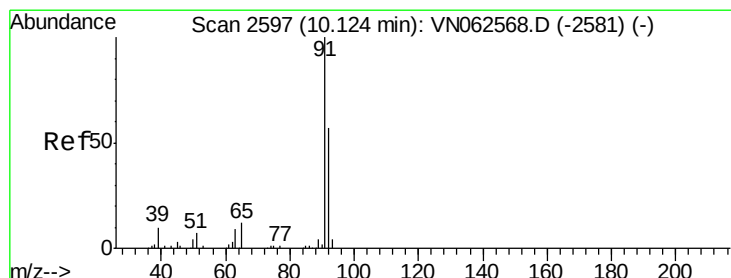
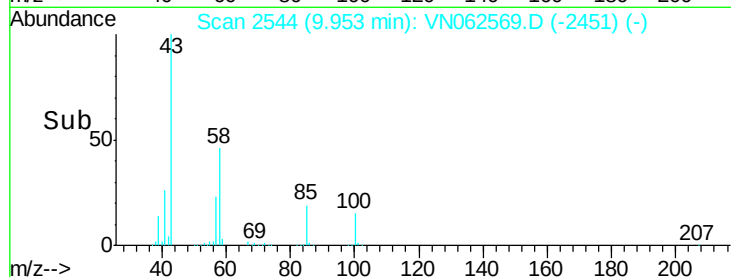
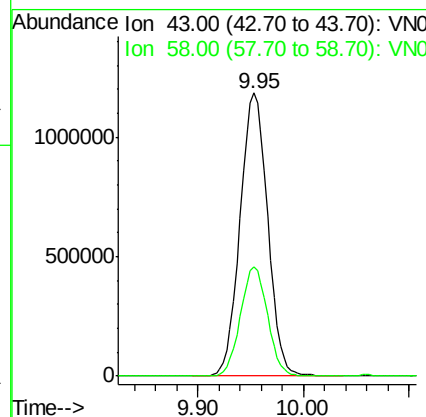
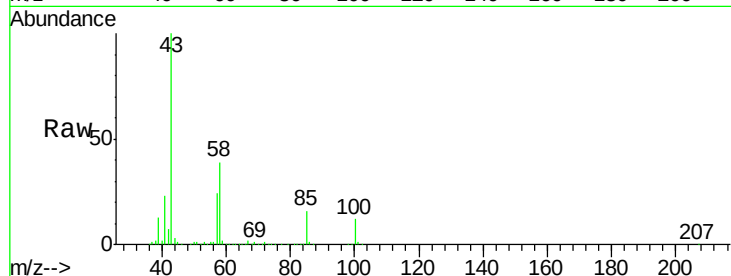
58 38.0 29.8 44.6

Manual Integrations

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#52

Toluene

Concen: 111.431 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062569.D

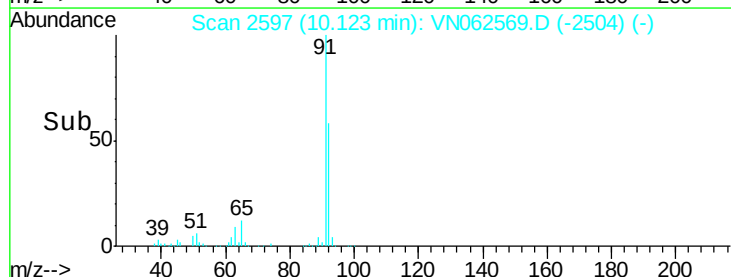
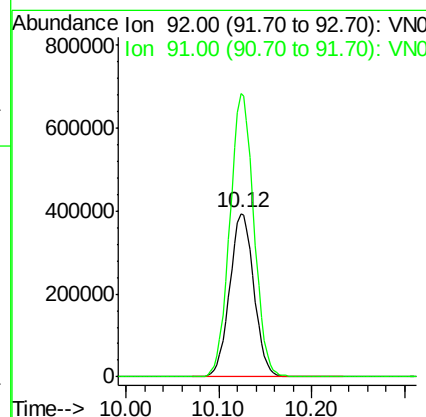
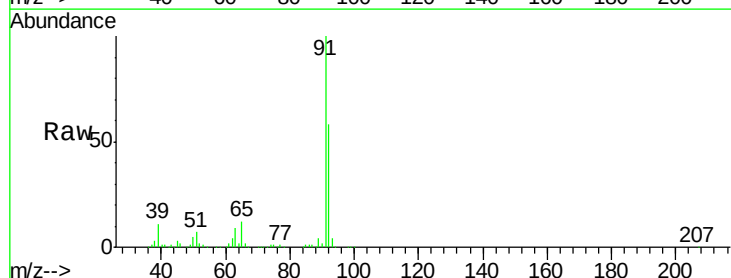
Acq: 21 Jul 2020 13:10

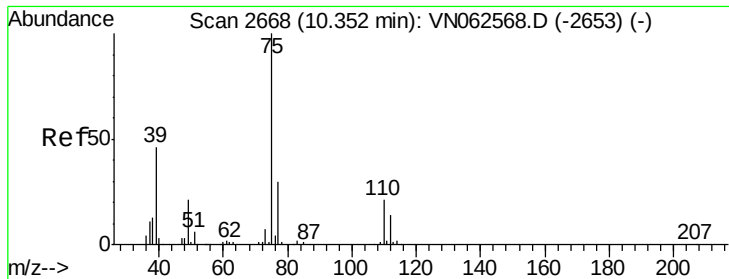
Tgt Ion: 92 Resp: 713068

Ion Ratio Lower Upper

92 100

91 172.4 139.4 209.2





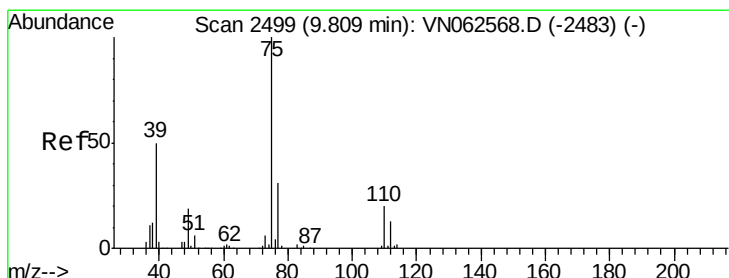
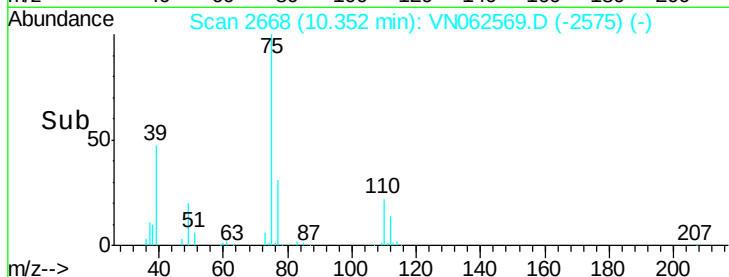
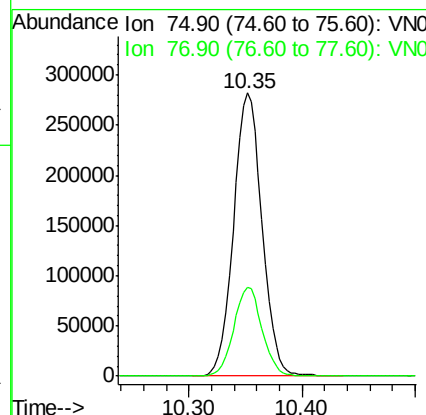
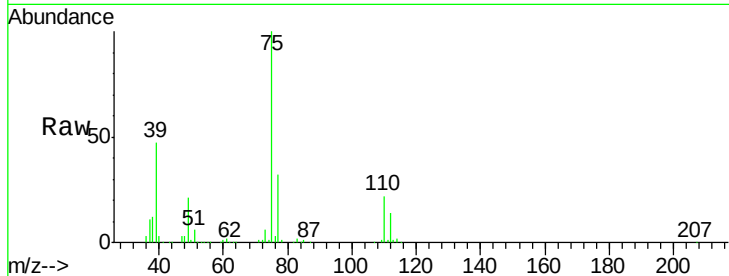
#53
t-1,3-Dichloropropene
Concen: 113.695 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.3	36.5

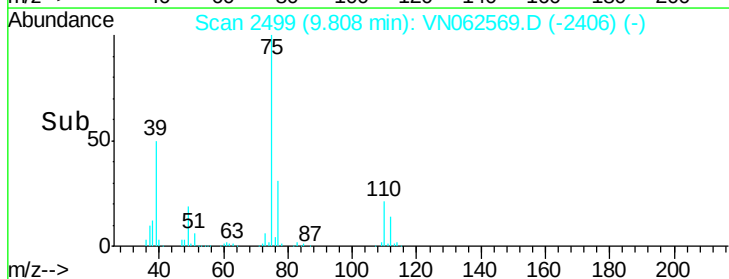
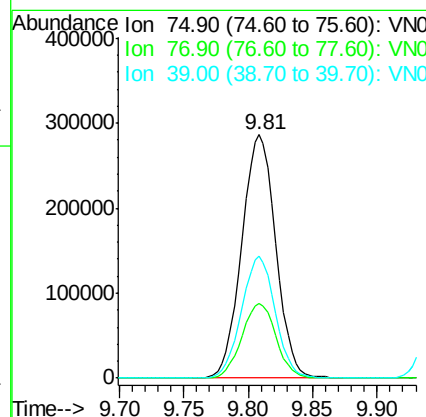
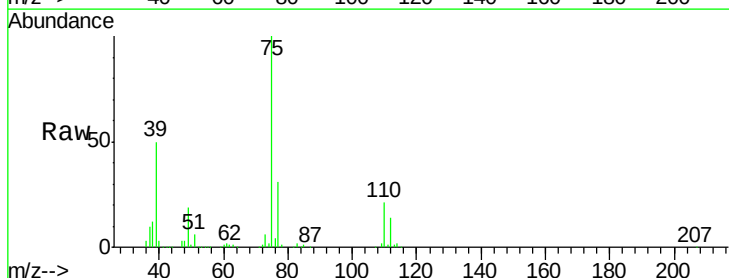
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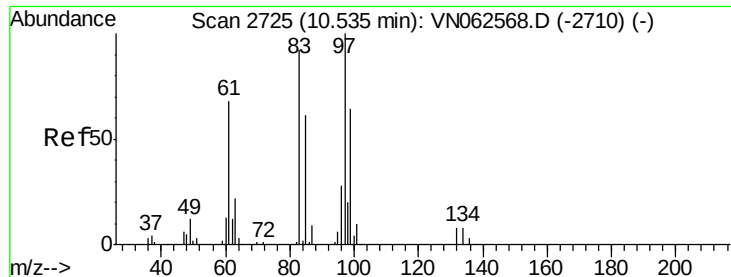
MMDadoda
7/22/2020 2:45:40 PM



#54
cis-1,3-Dichloropropene
Concen: 110.346 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.0	37.6
39	50.0	39.8	59.8





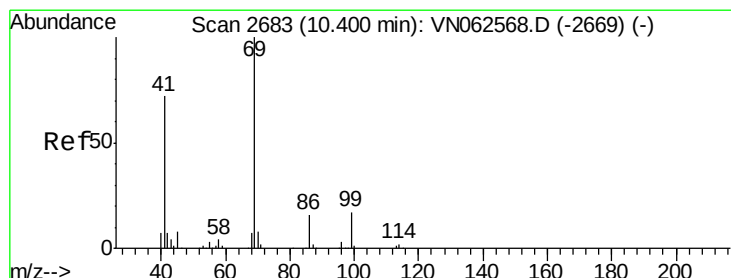
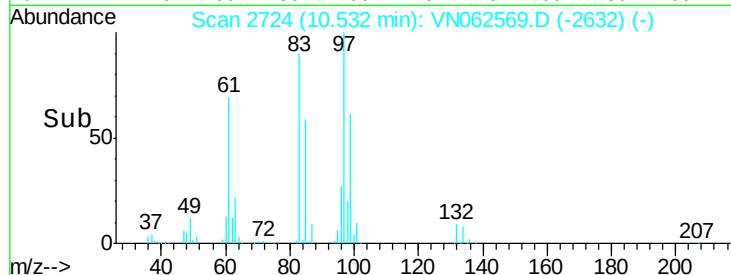
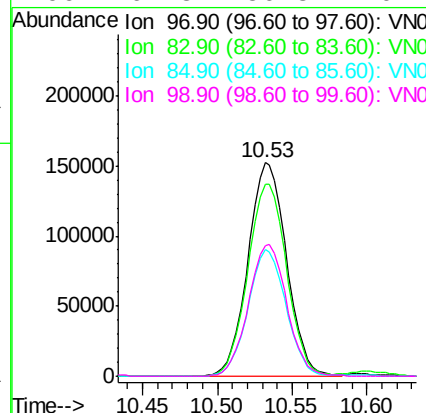
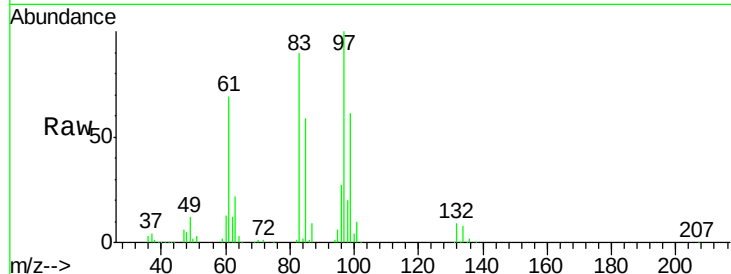
#55
 1,1,2-Trichloroethane
 Concen: 109.474 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062569.D
 Acq: 21 Jul 2020 13:10

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

Tot Ion:	97	Resp:	273472
Ion	Ratio	Lower	Upper
97	100		
83	89.9	73.7	110.5
85	59.1	48.5	72.7
99	61.3	50.8	76.2

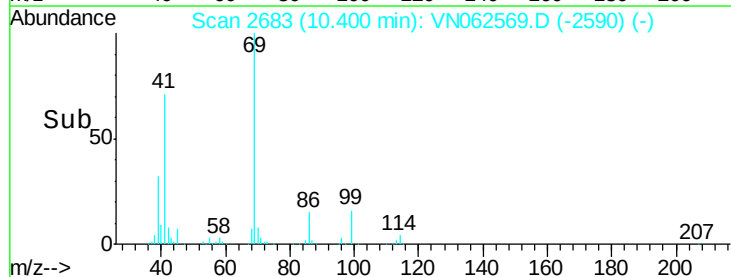
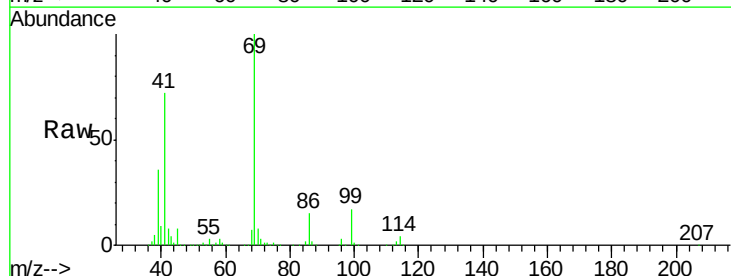
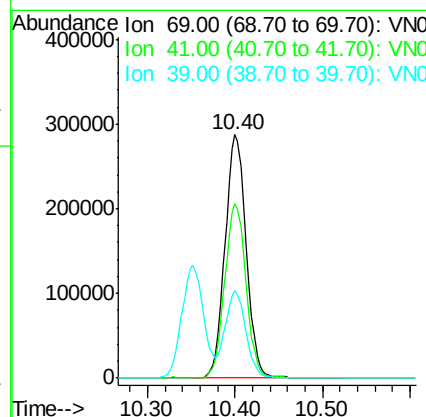
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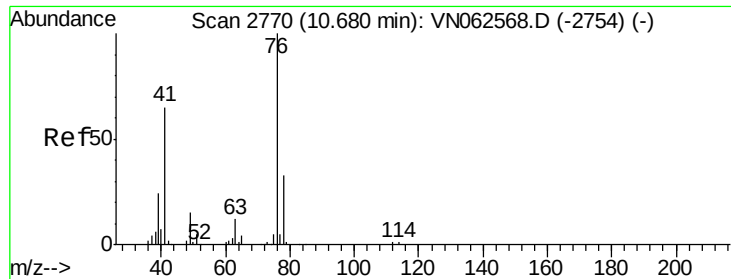
MMDadoda
 7/22/2020 2:45:40 PM



#56
 Ethyl methacrylate
 Concen: 115.941 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062569.D
 Acq: 21 Jul 2020 13:10

Tgt Ion:	69	Resp:	482457
Ion	Ratio	Lower	Upper
69	100		
41	71.5	57.2	85.8
39	34.9	28.6	43.0





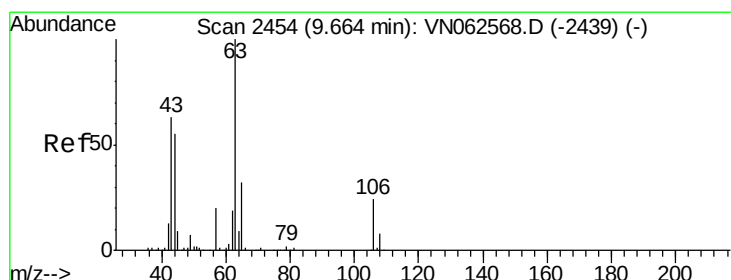
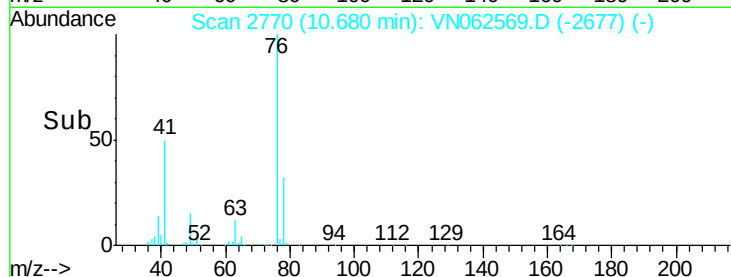
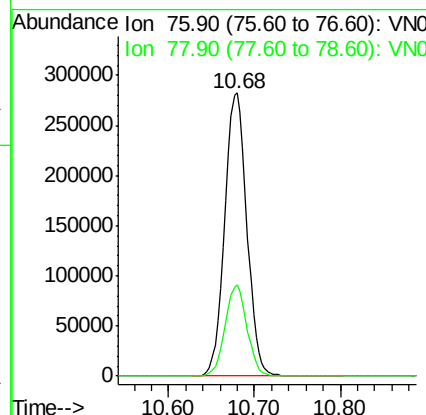
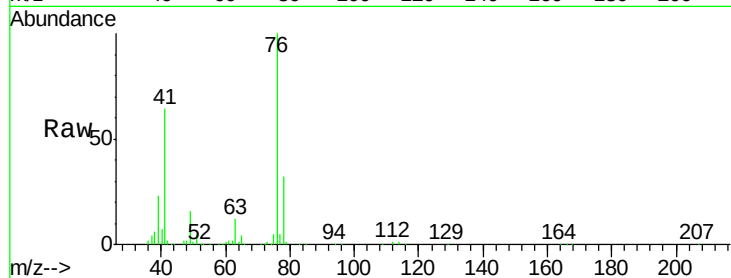
#57
 1,3-Dichloropropane
 Concen: 109.538 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: VN062569.D
 Acq: 21 Jul 2020 13:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	26.3	39.5

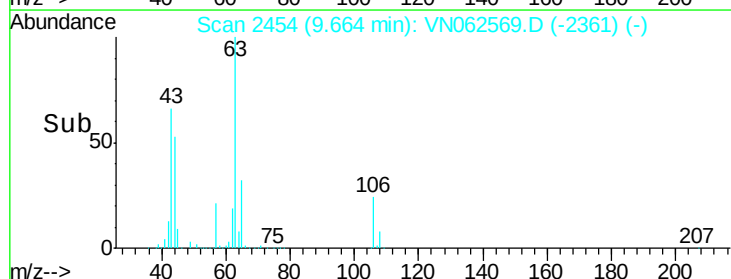
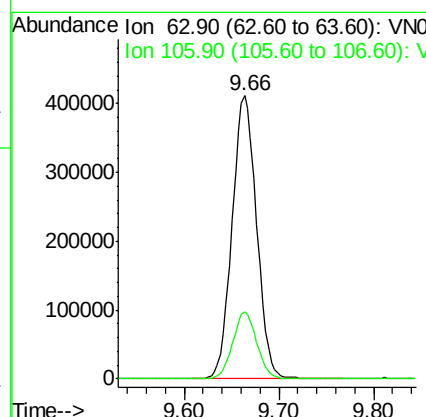
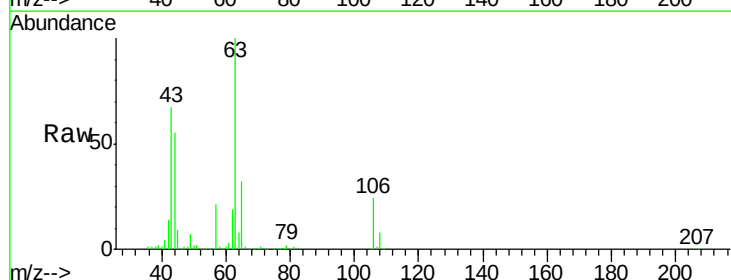
Manual Integrations
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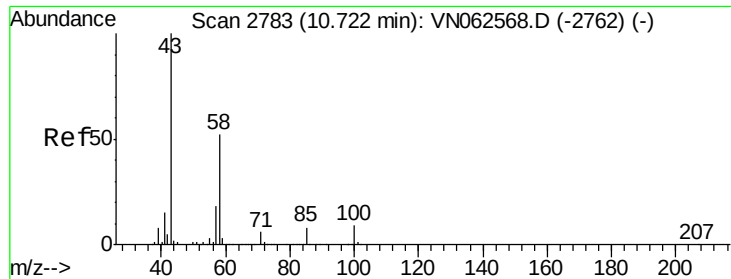
MMDadoda
 7/22/2020 2:45:40 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 515.200 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN062569.D
 Acq: 21 Jul 2020 13:10

Tgt Ion	Ratio	Lower	Upper
63	100		
106	23.3	18.9	28.3





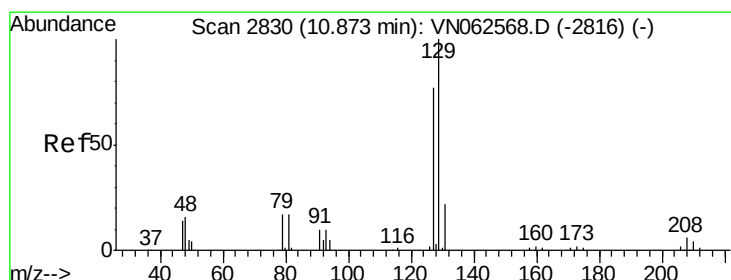
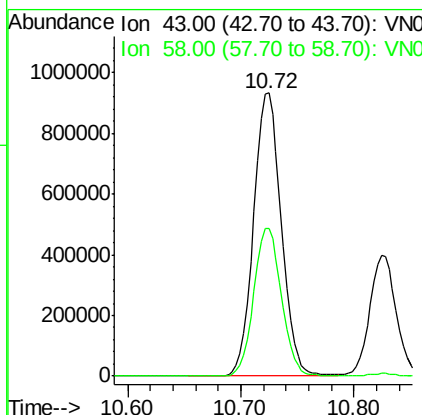
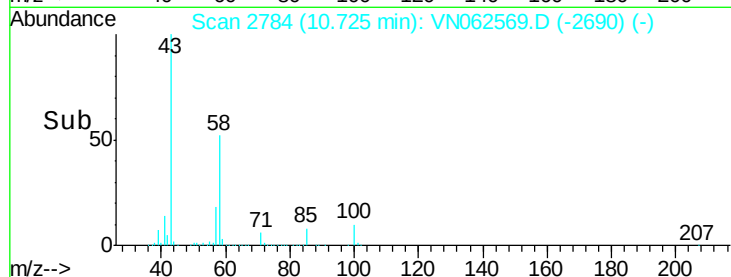
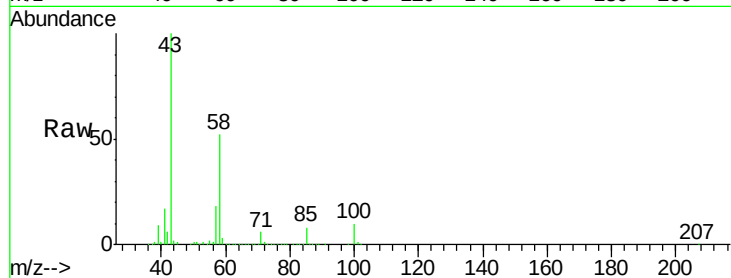
#59
2-Hexanone
Concen: 537.803 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tot Ion: 43 Resp: 1591868
Ion Ratio Lower Upper
43 100
58 52.3 26.0 78.0

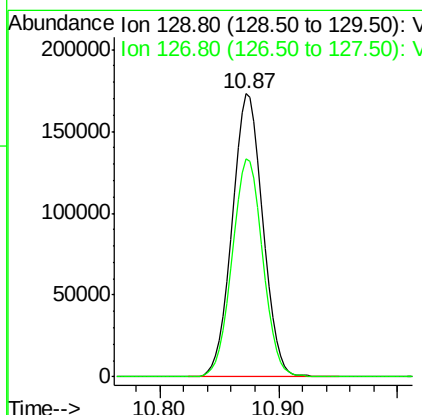
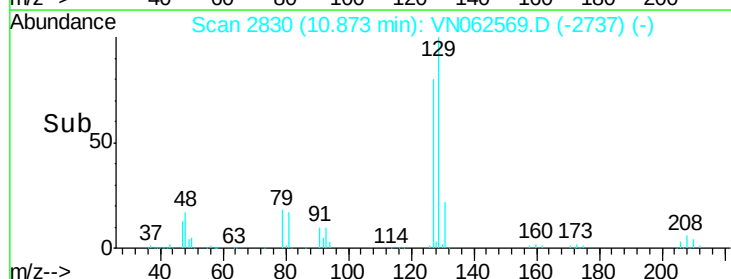
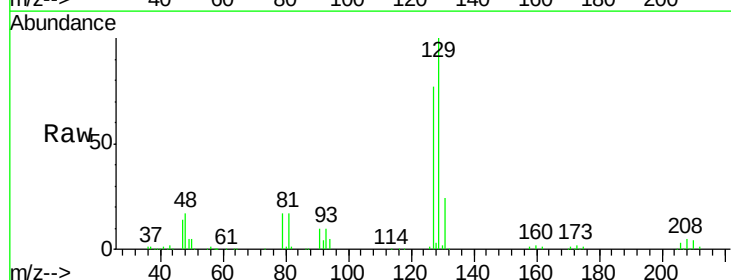
Manual Integrations
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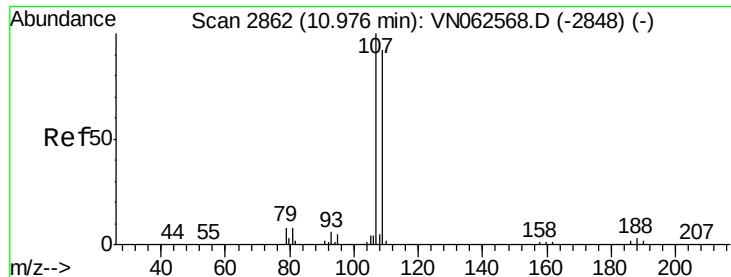
MMDadoda
7/22/2020 2:45:40 PM



#60
Dibromochloromethane
Concen: 113.209 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Tgt Ion: 129 Resp: 309544
Ion Ratio Lower Upper
129 100
127 77.0 38.0 113.9





#61

1,2-Dibromoethane

Concen: 111.654 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion:107 Resp: 283775

Ion Ratio Lower Upper

107 100

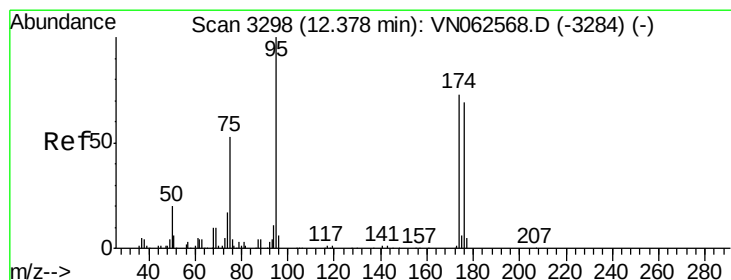
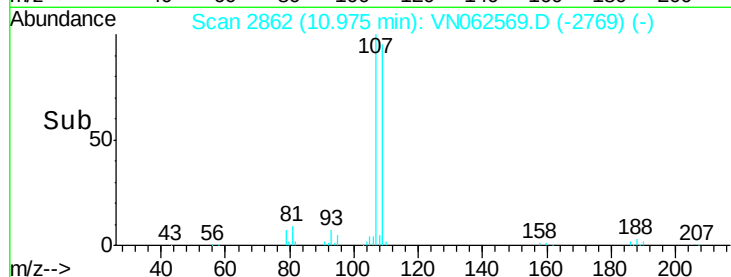
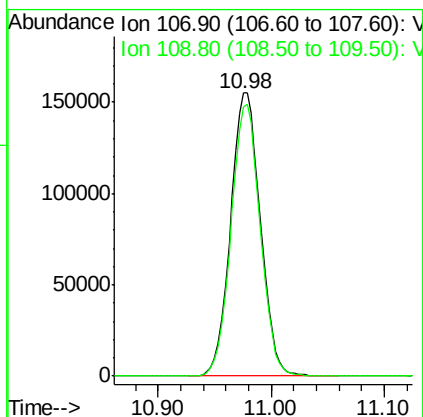
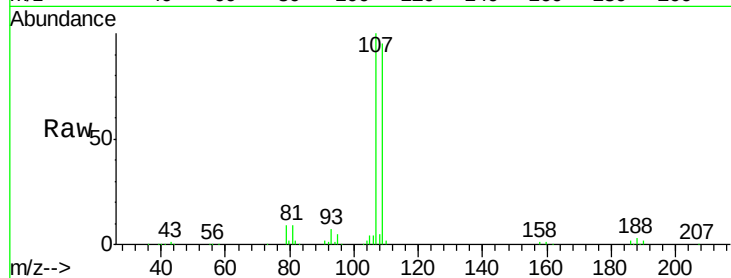
109 94.1 73.8 110.6

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 108.845 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

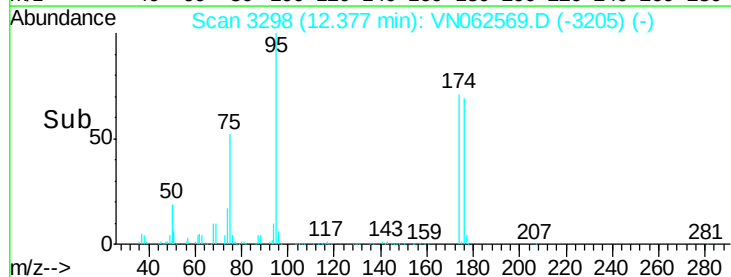
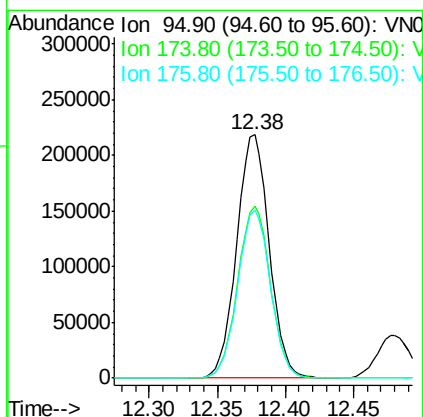
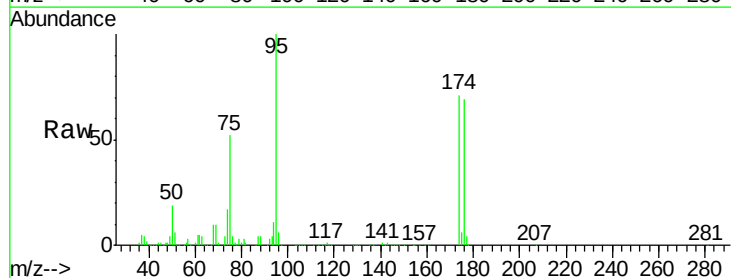
Tgt Ion: 95 Resp: 361881

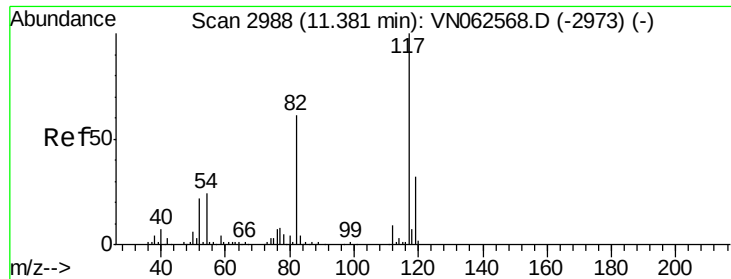
Ion Ratio Lower Upper

95 100

174 71.4 0.0 144.6

176 69.5 0.0 139.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Instrument :

MSVOA_N

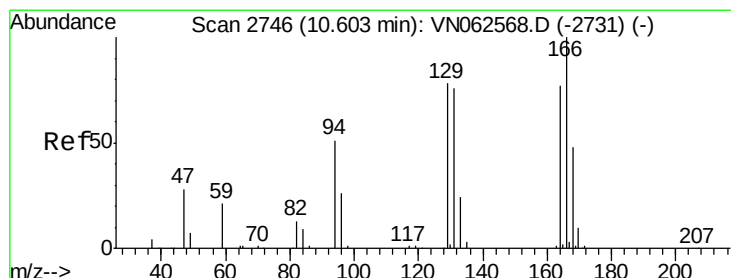
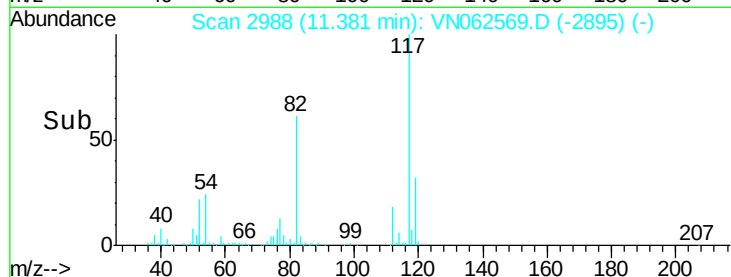
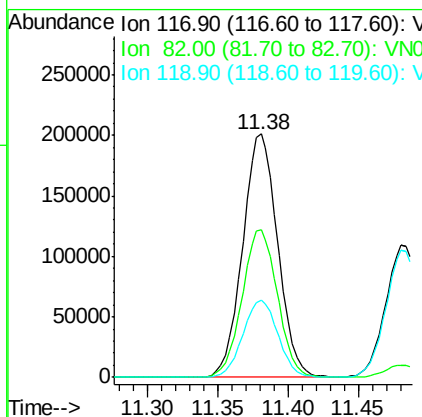
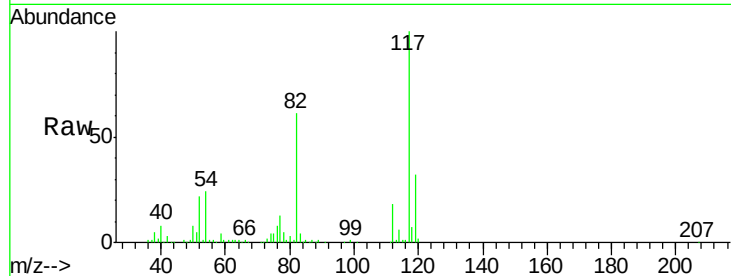
ClientSampleId :

VSTDIC100

Tot Ion:	117	Resp:	350218
Ion	Ratio	Lower	Upper
117	100		
82	60.6	49.0	73.6
119	31.6	25.4	38.2

Manual Integrations
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#64

Tetrachloroethene

Concen: 106.094 ug/l

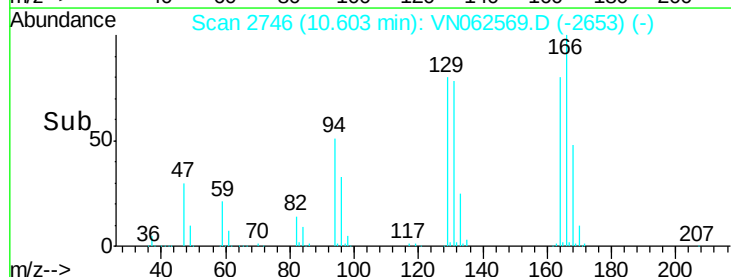
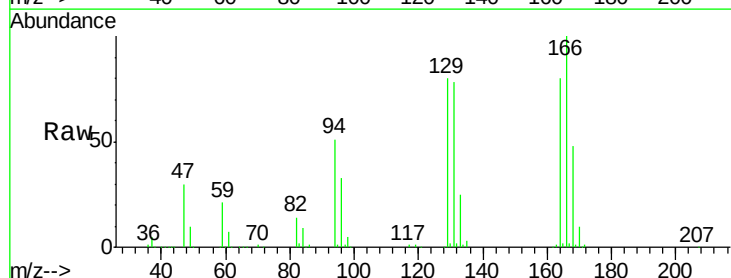
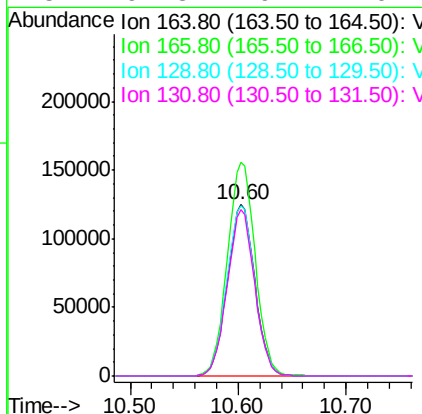
RT: 10.60 min Scan# 2746

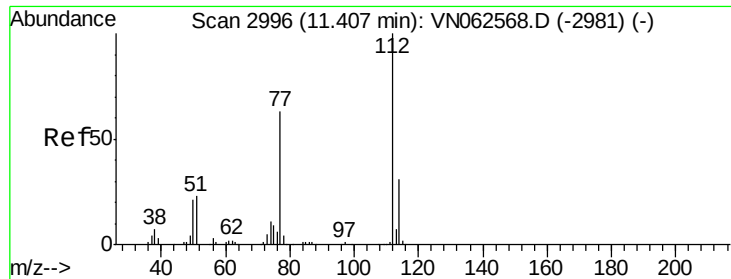
Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Tgt Ion:	164	Resp:	221906
Ion	Ratio	Lower	Upper
164	100		
166	124.9	104.4	156.6
129	99.9	81.0	121.4
131	97.3	79.4	119.2





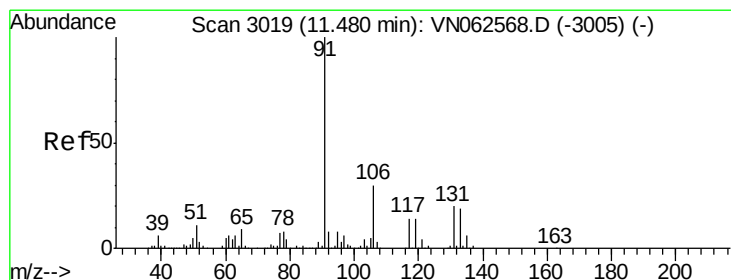
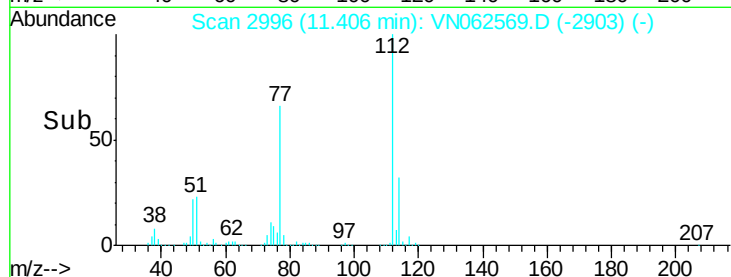
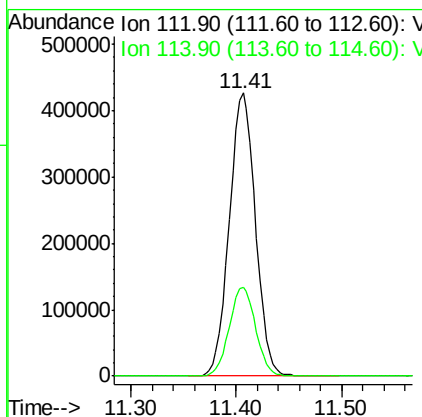
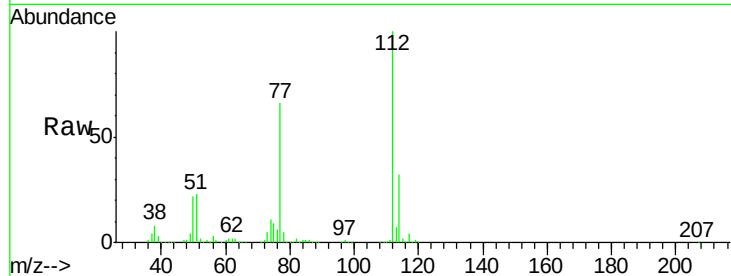
#65
Chlorobenzene
Concen: 106.934 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.1	37.7

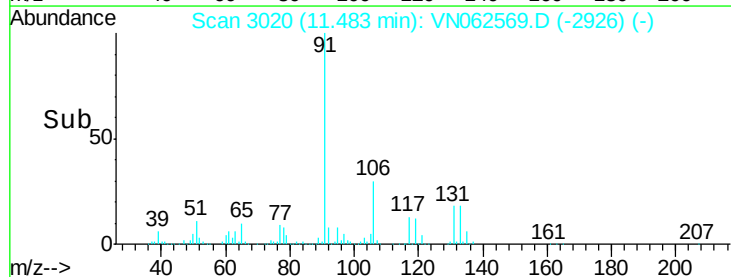
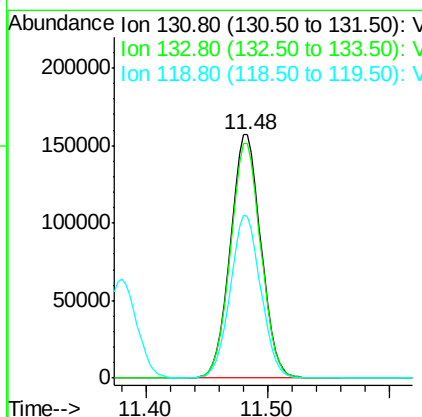
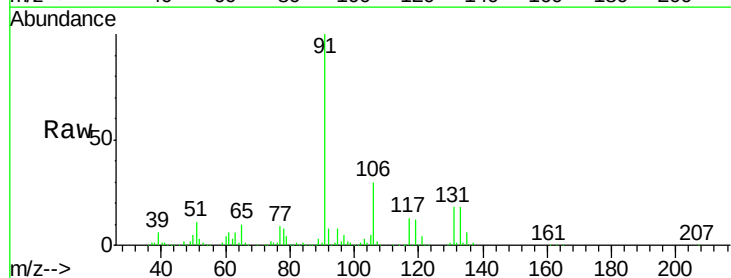
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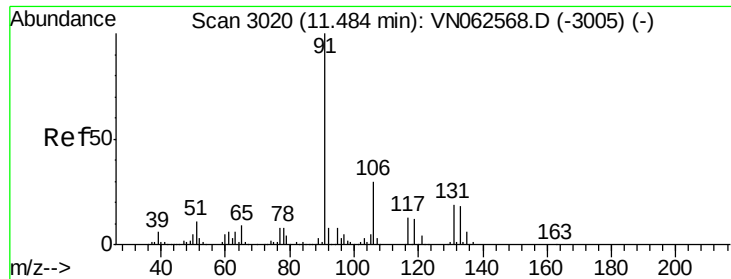
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 108.800 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.2	47.3	142.0
119	66.9	33.7	101.0





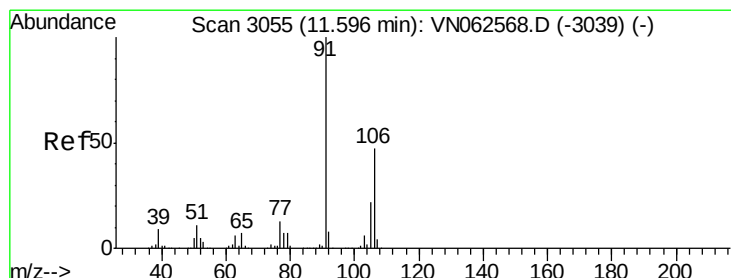
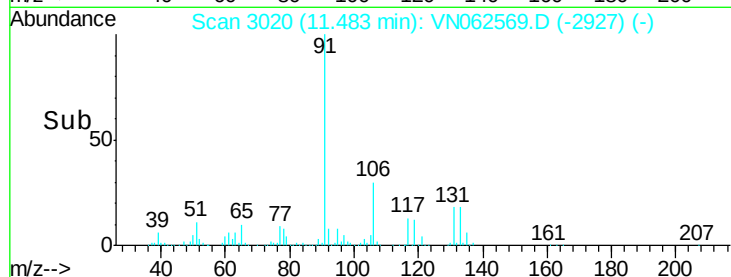
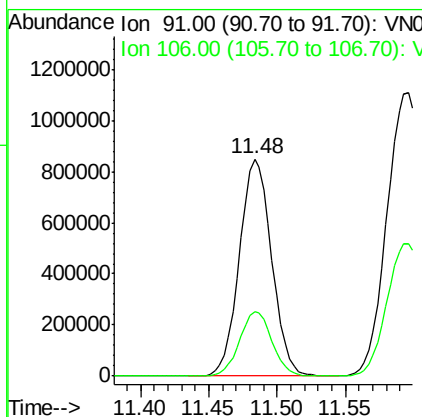
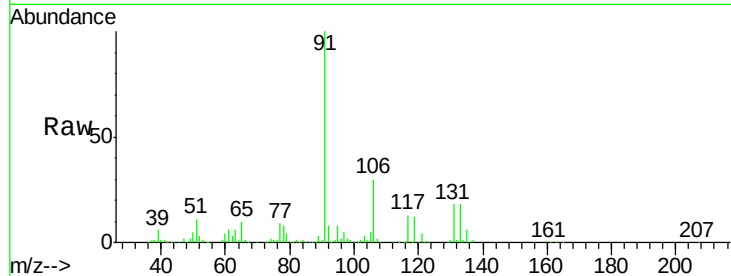
#67
Ethyl Benzene
Concen: 109.263 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Tot Ion: 91 Resp: 1395149
Ion Ratio Lower Upper
91 100
106 29.8 23.8 35.8

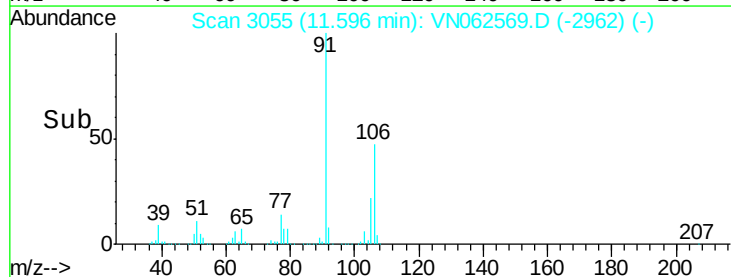
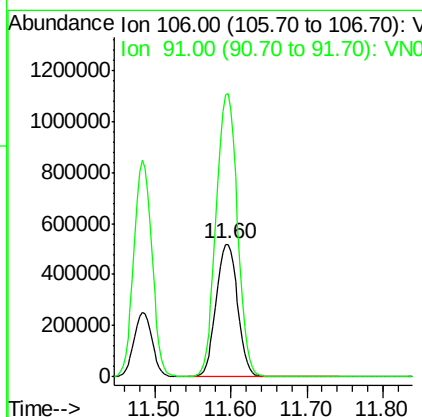
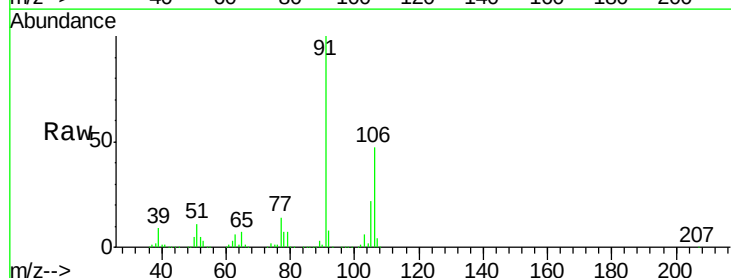
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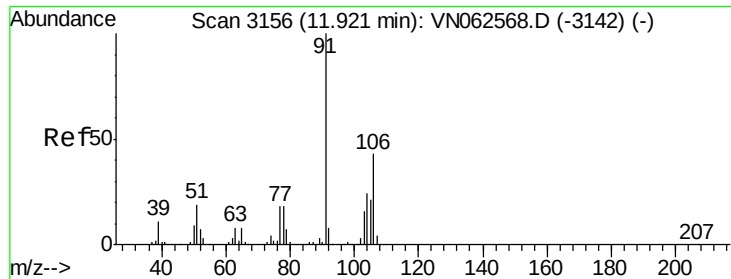
MMDadoda
7/22/2020 2:45:40 PM



#68
m/p-Xylenes
Concen: 224.386 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Tgt Ion: 106 Resp: 1018688
Ion Ratio Lower Upper
106 100
91 212.5 171.4 257.2





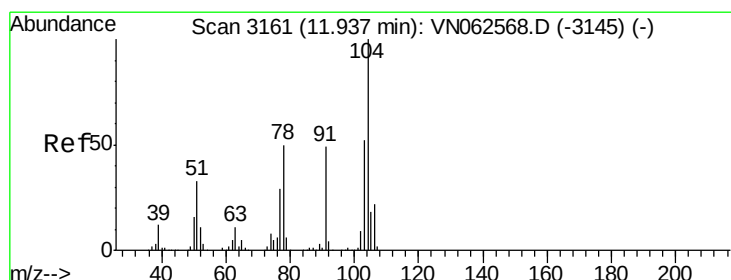
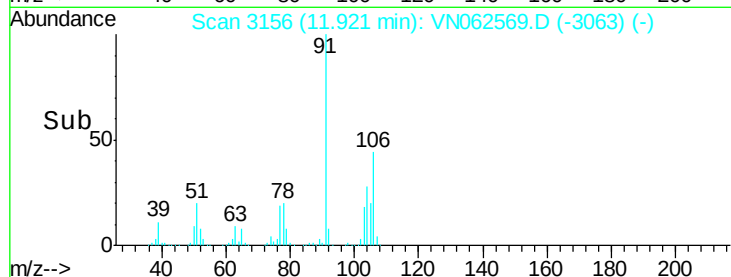
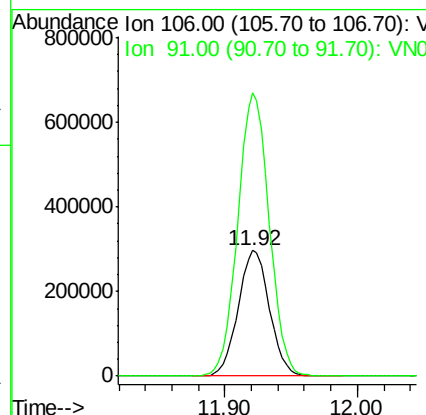
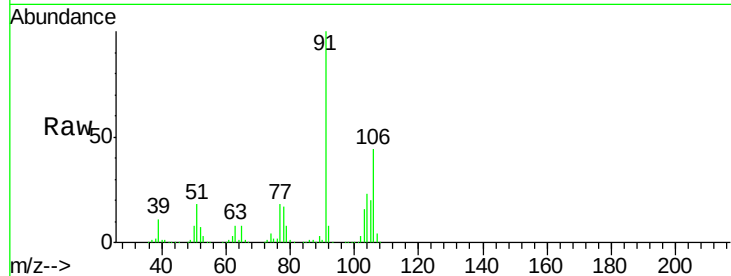
#69
o-Xylene
Concen: 110.477 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		487135		
91	226.2	113.8	341.2		

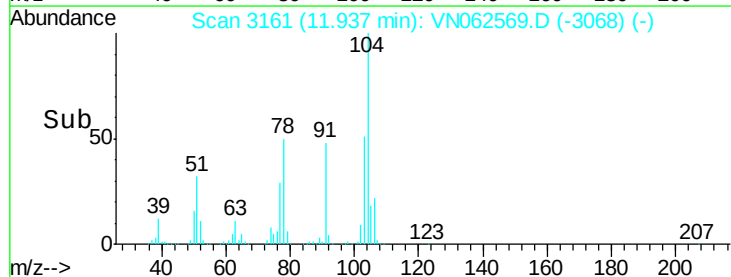
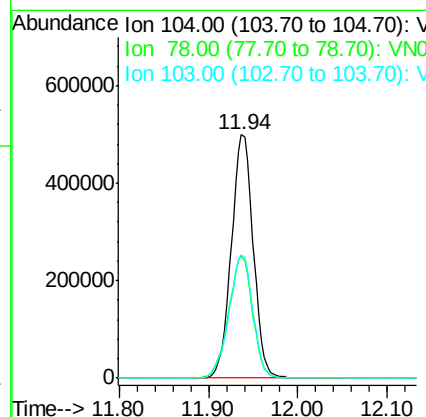
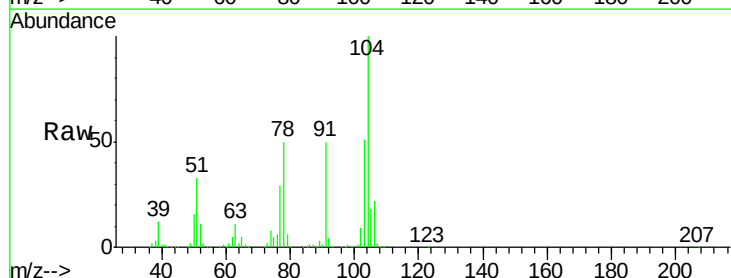
Manual Integrations
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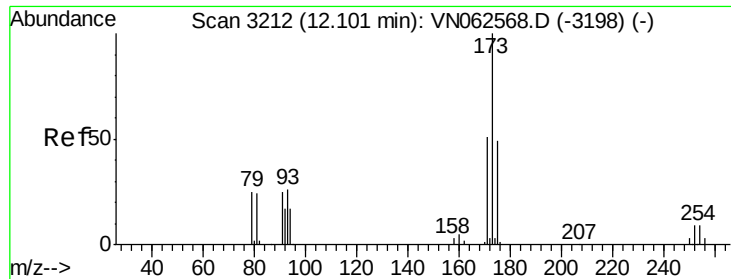
MMDadoda
7/22/2020 2:45:40 PM



#70
Styrene
Concen: 116.247 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		847985		
78	54.8	43.8	65.6		
103	54.9	44.0	66.0		





#71

Bromoform

Concen: 118.171 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion:173 Resp: 218937

Ion Ratio Lower Upper

173 100

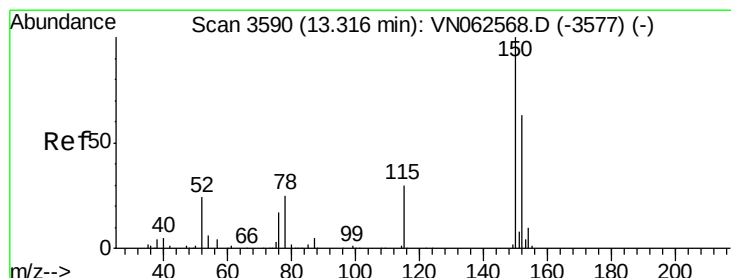
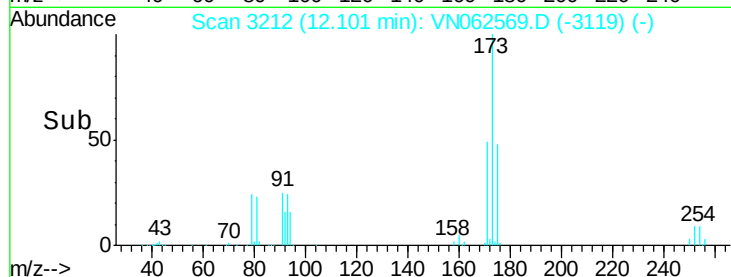
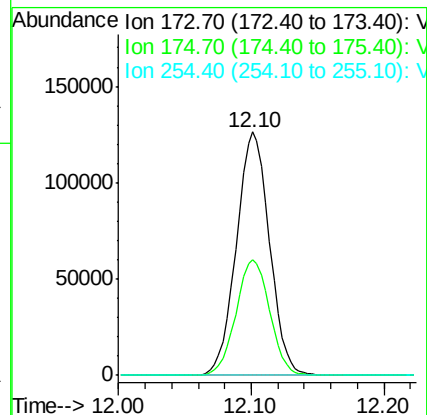
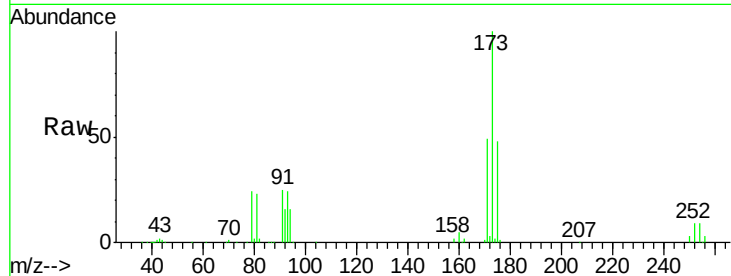
175 48.3 24.1 72.2

254 0.1 0.0 0.0#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

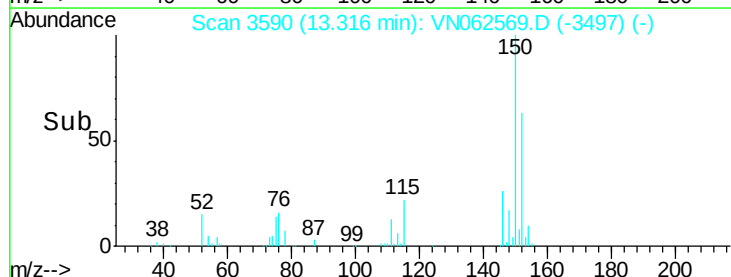
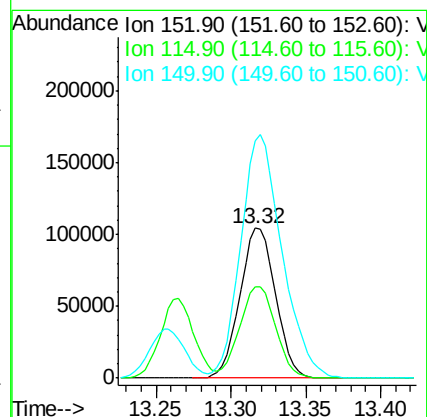
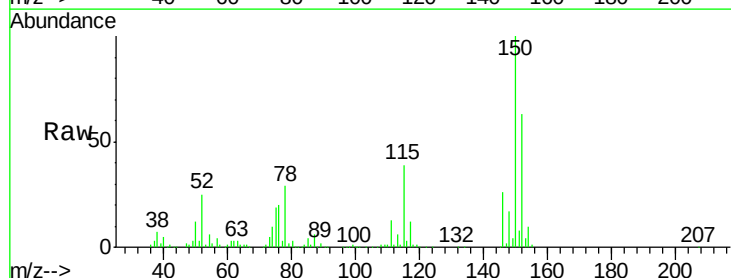
Tgt Ion:152 Resp: 173080

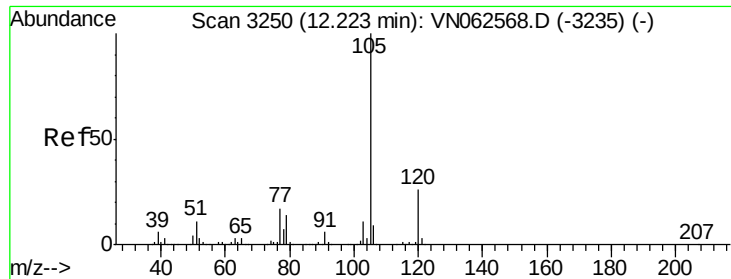
Ion Ratio Lower Upper

152 100

115 62.1 31.8 95.4

150 187.1 0.0 351.4





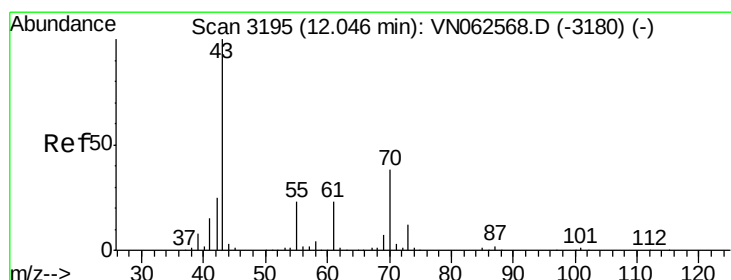
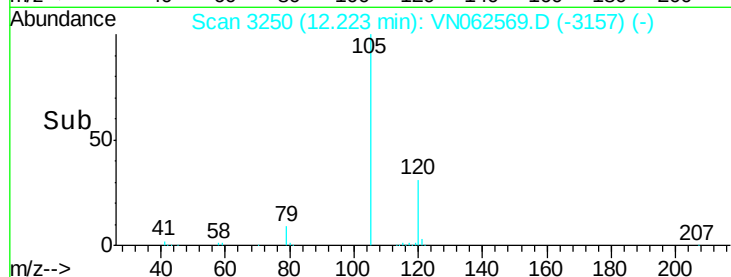
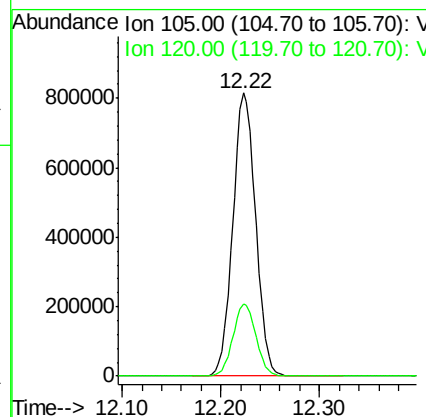
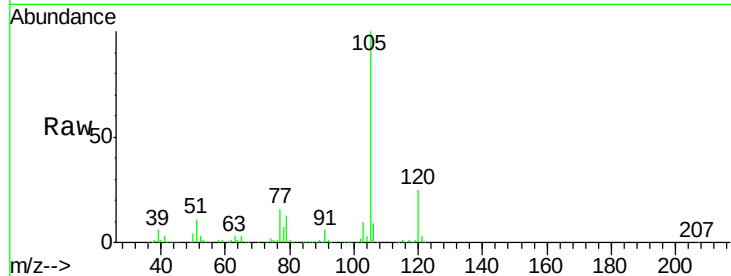
#73
Isopropylbenzene
Concen: 98.747 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion:105 Resp: 1319611
Ion Ratio Lower Upper
105 100
120 25.6 12.8 38.4

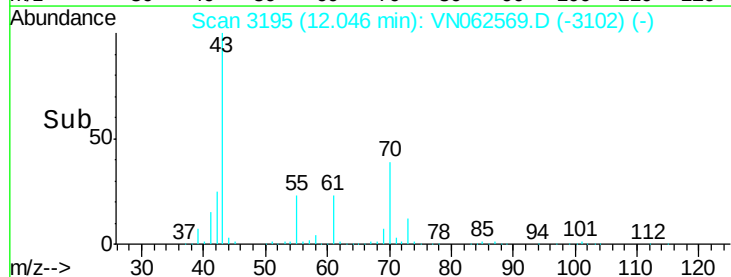
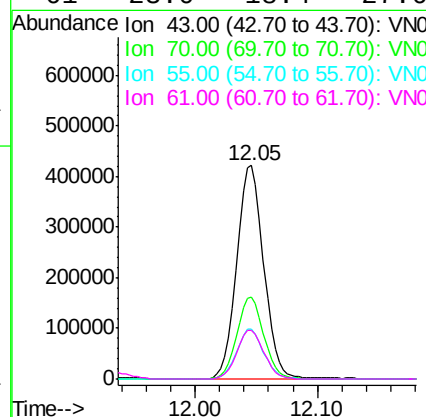
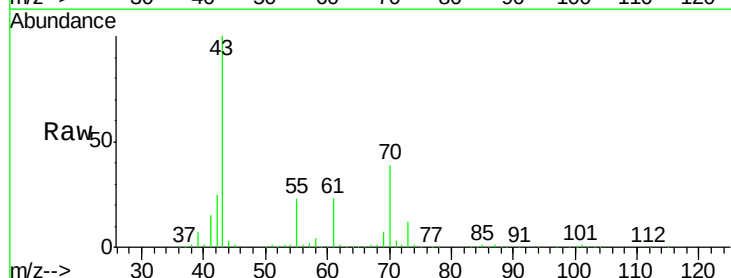
Manual Integrations
APPROVED

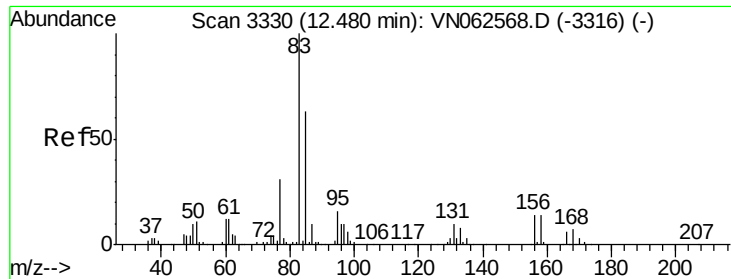
MMDadoda
7/22/2020 2:45:40 PM



#74
N-ethyl acetate
Concen: 101.473 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Tgt Ion: 43 Resp: 651666
Ion Ratio Lower Upper
43 100
70 38.5 30.5 45.7
55 23.5 19.0 28.6
61 23.0 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 93.840 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Instrument :

MSVOA_N

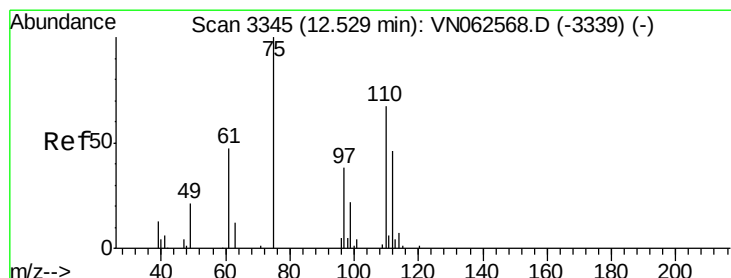
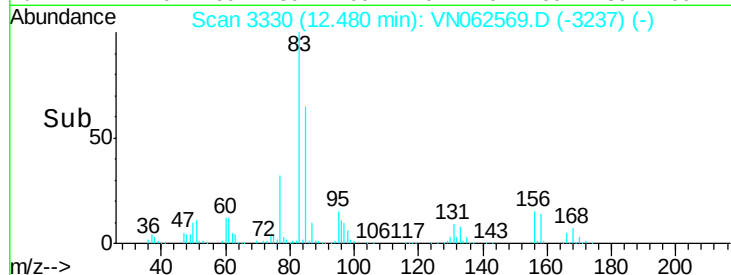
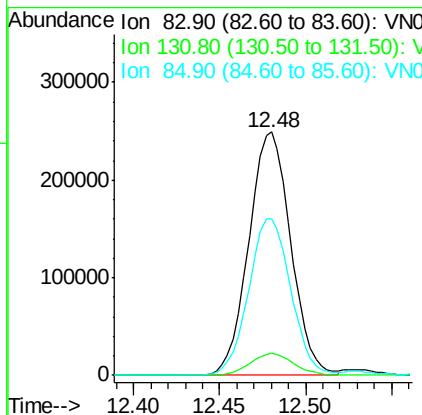
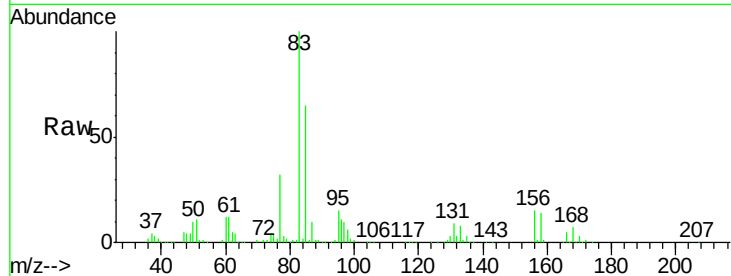
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	421286
Ion Ratio	Lower	Upper	
83	100		
131	9.5	4.8	14.3
85	64.5	31.8	95.4

Manual Integrations
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7/22/2020 2:45:40 PM



#76

1,2,3-Trichloropropane

Concen: 96.800 ug/l m

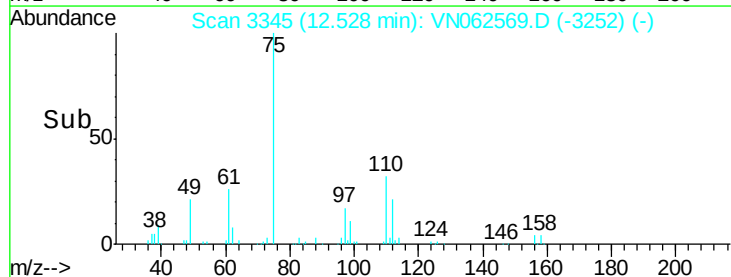
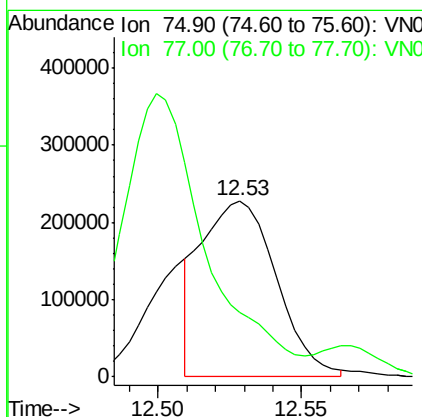
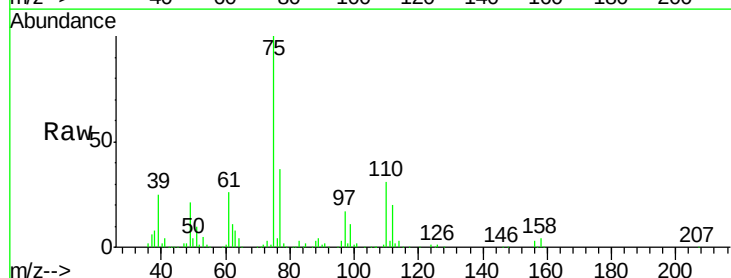
RT: 12.53 min Scan# 3345

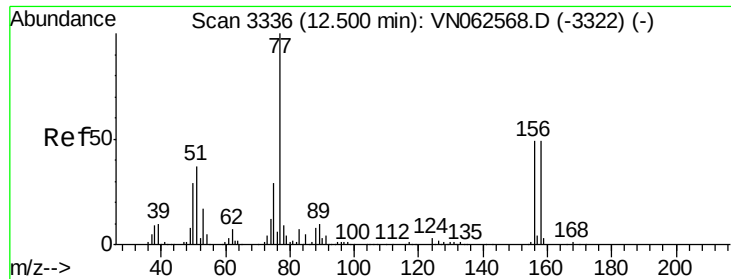
Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Tgt Ion:	75	Resp:	414783
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 100.801 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Instrument :

MSVOA_N

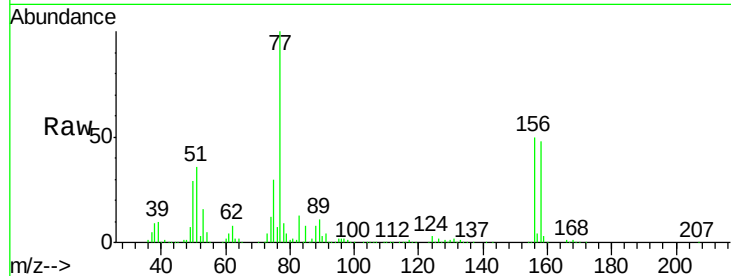
ClientSampleId :

VSTDIC100

Tot Ion	Ratio	Lower	Upper
156	100		
77	242.9	122.8	368.3
158	97.4	49.4	148.0

Manual Integrations
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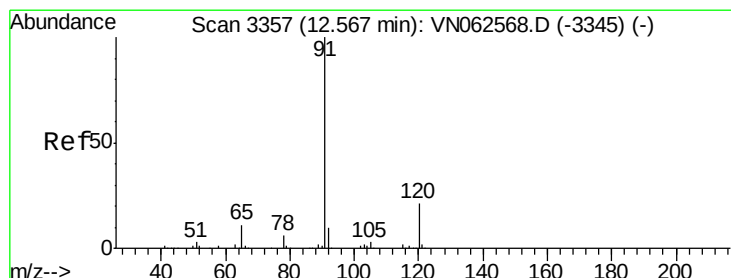
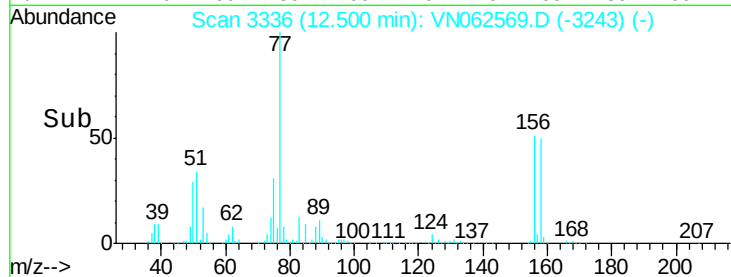
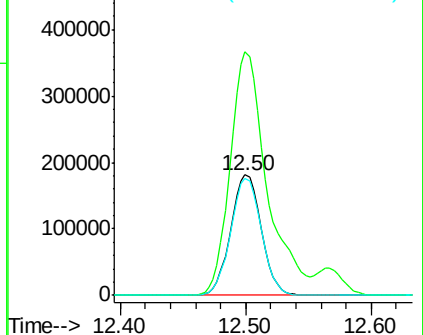
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 101.321 ug/l

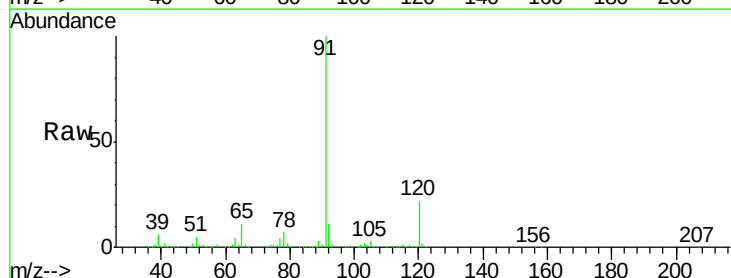
RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062569.D

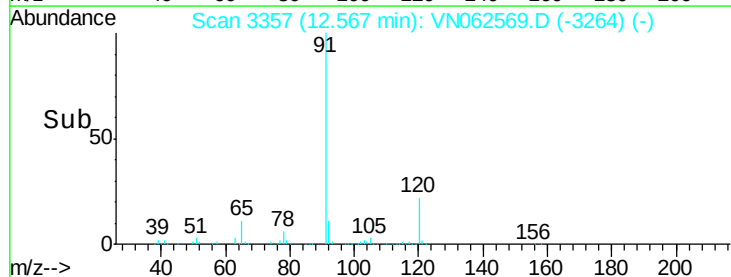
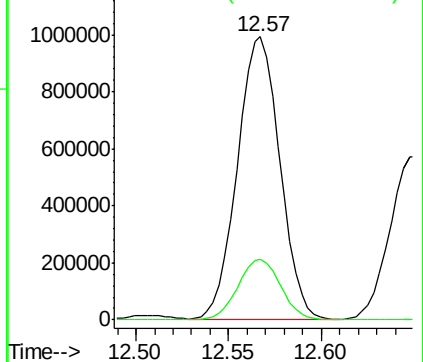
Acq: 21 Jul 2020 13:10

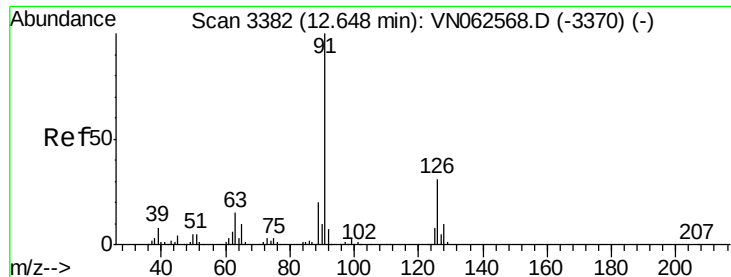
Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.7	10.9	32.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 99.861 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

Tot Ion: 91 Resp: 946907

Ion Ratio Lower Upper

91 100

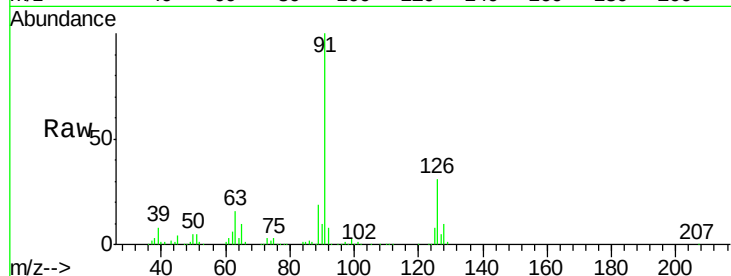
126 31.4 15.9 47.6

Manual Integrations

APPROVED

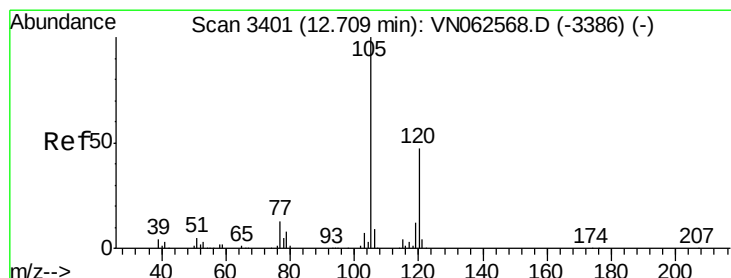
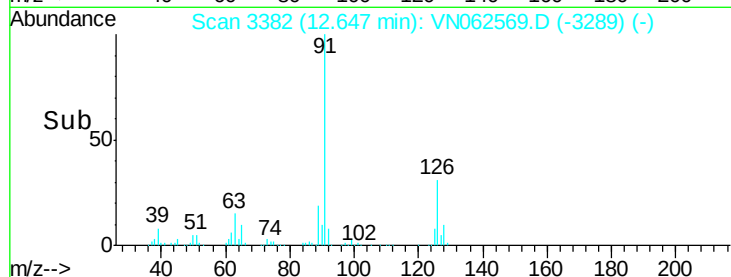
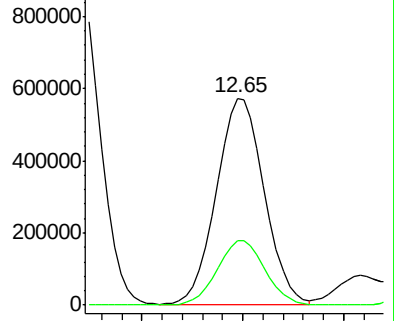
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Abundance Ion 91.00 (90.70 to 91.70): VN062569.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN062569.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 103.553 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062569.D

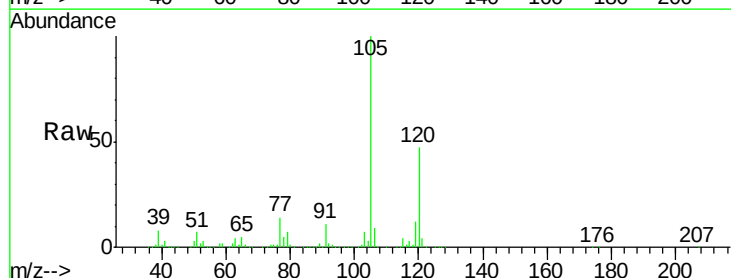
Acq: 21 Jul 2020 13:10

Tgt Ion:105 Resp: 1139896

Ion Ratio Lower Upper

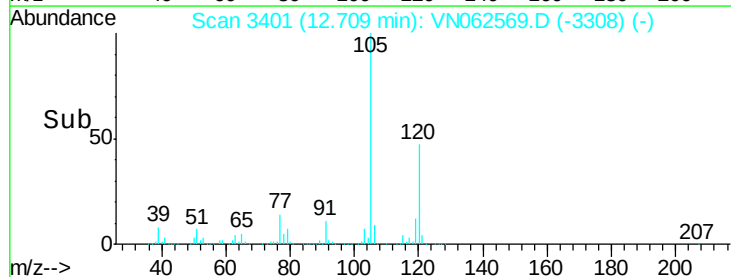
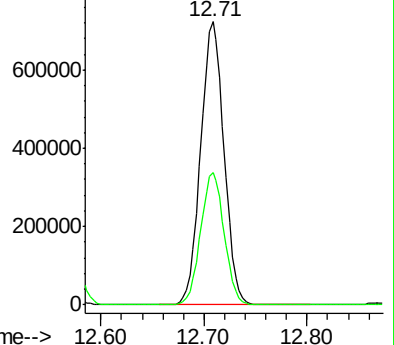
105 100

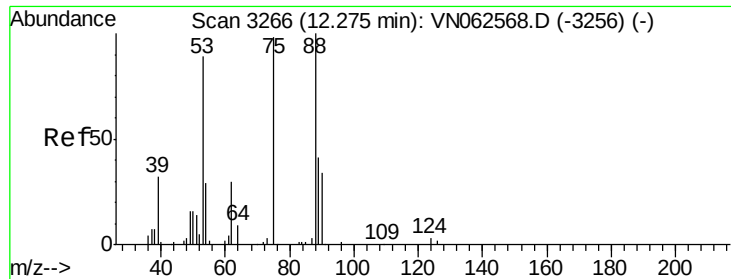
120 46.9 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): VN062569.D (-3386) (-)

Ion 120.00 (119.70 to 120.70): VN062569.D (-3386) (-)





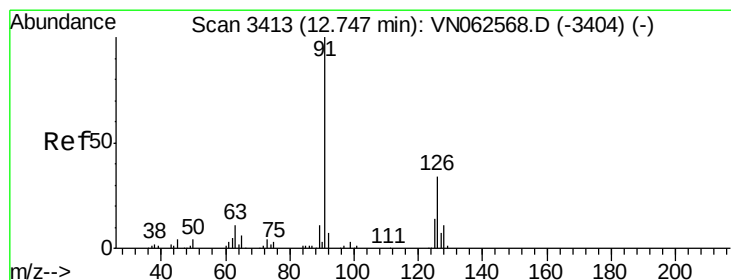
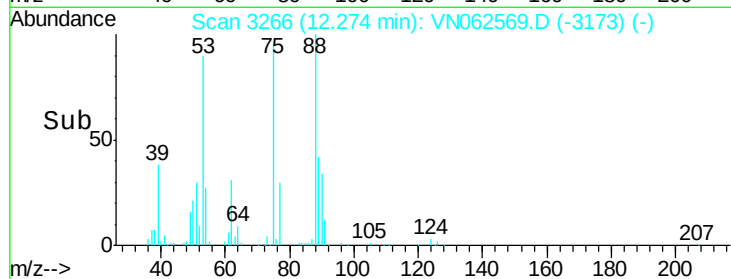
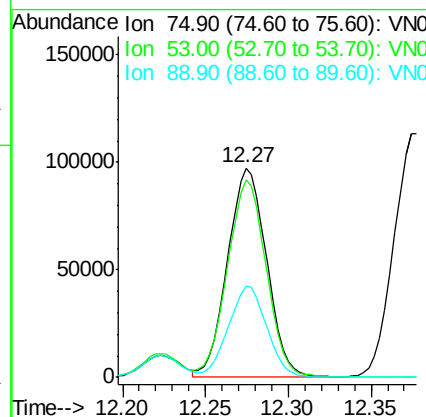
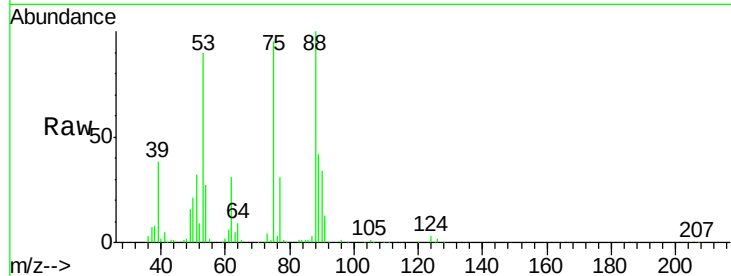
#81
trans-1,4-Dichloro-2-butene
Concen: 100.129 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.0	75.4	113.0
89	43.5	34.5	51.7

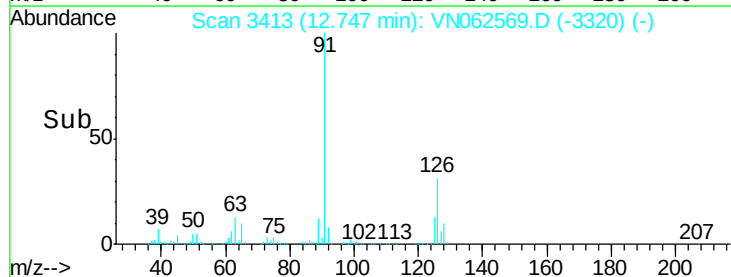
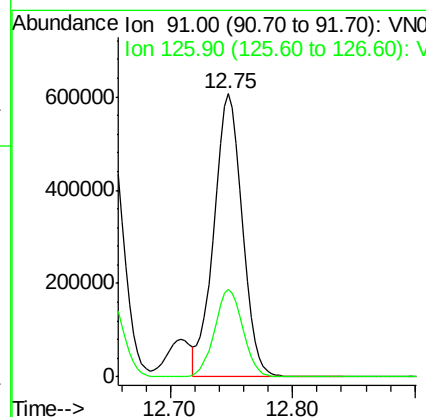
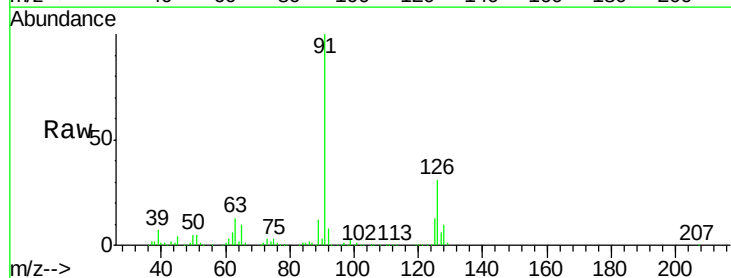
Manual Integrations
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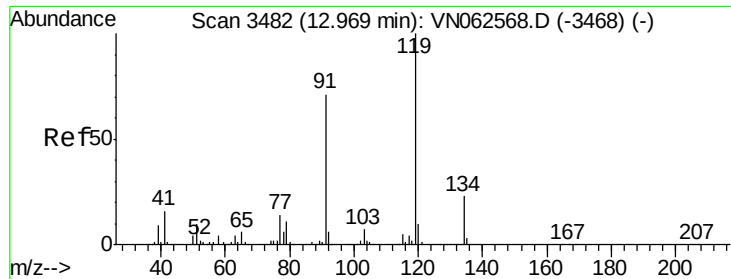
MMDadoda
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#82
4-Chlorotoluene
Concen: 102.547 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.4	46.4





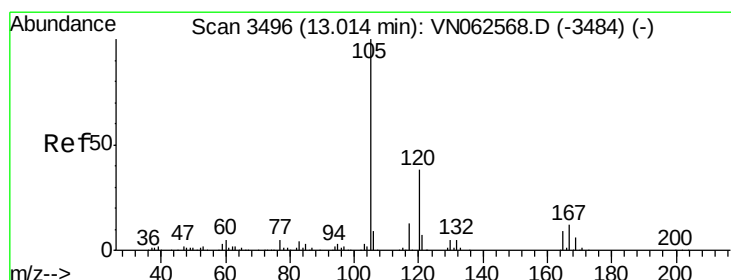
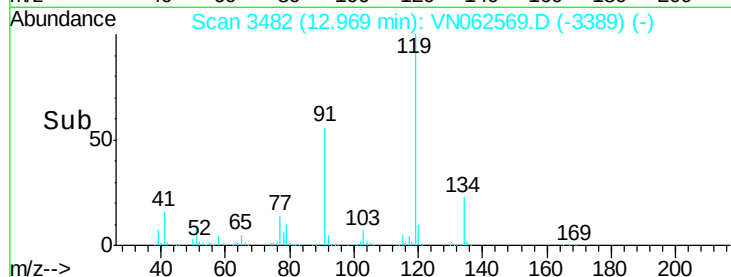
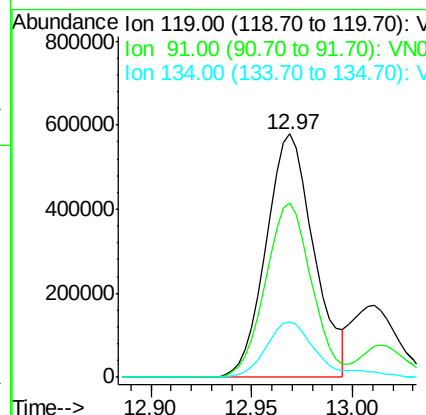
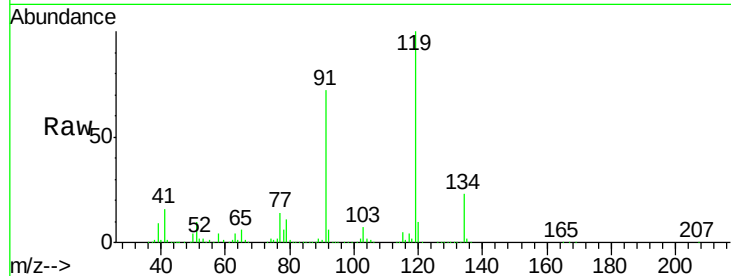
#83
 tert-Butylbenzene
 Concen: 102.499 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062569.D
 Acq: 21 Jul 2020 13:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.6	34.6	103.8
134	24.6	11.5	34.4

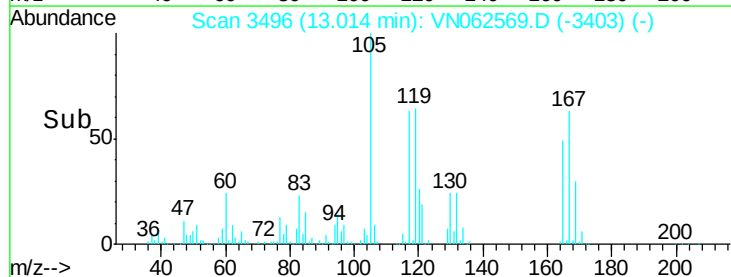
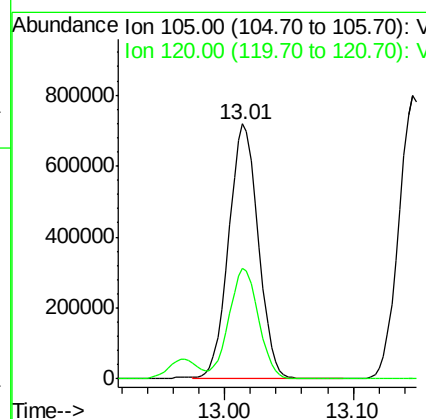
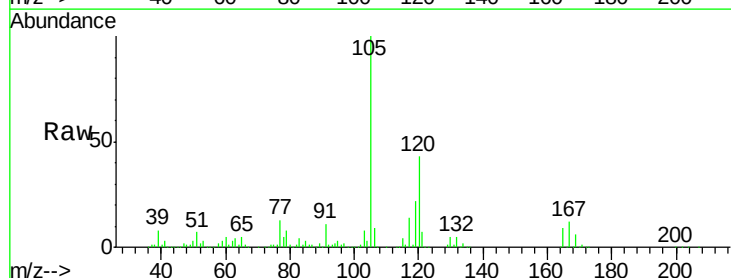
Manual Integrations
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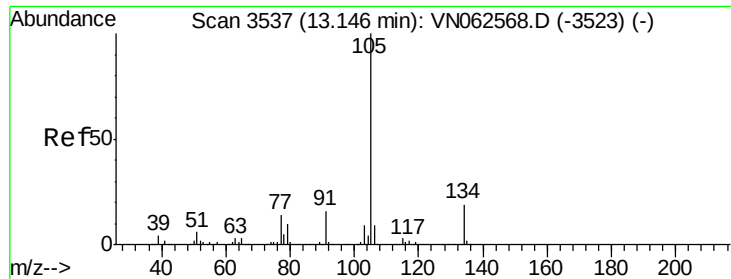
MMDadoda
 7/22/2020 2:45:40 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 104.288 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062569.D
 Acq: 21 Jul 2020 13:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.8	22.1	66.3





#85

sec-Butylbenzene

Concen: 103.643 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 1275746

Ion Ratio Lower Upper

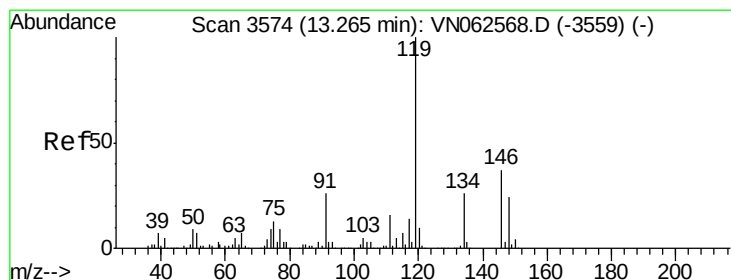
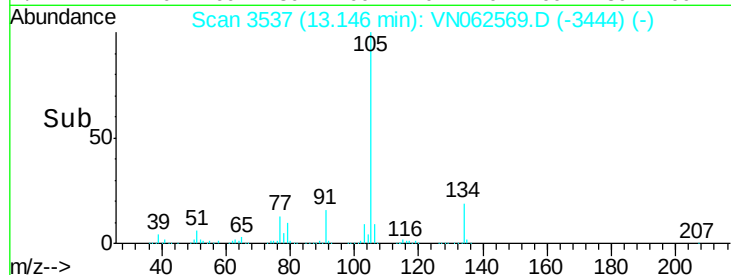
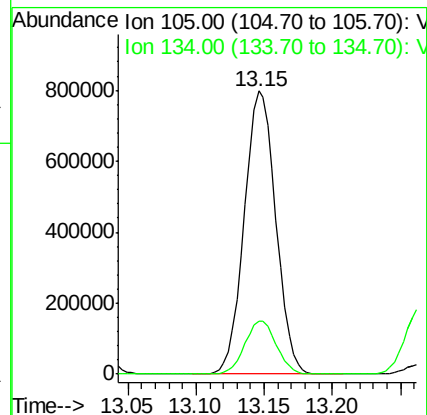
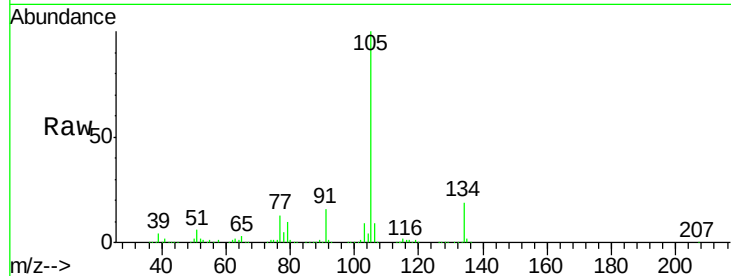
105 100

134 18.8 9.5 28.5

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 106.866 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

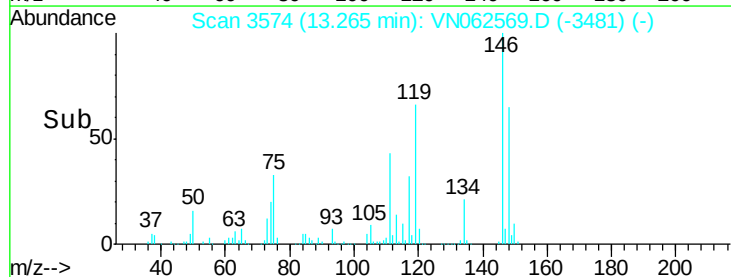
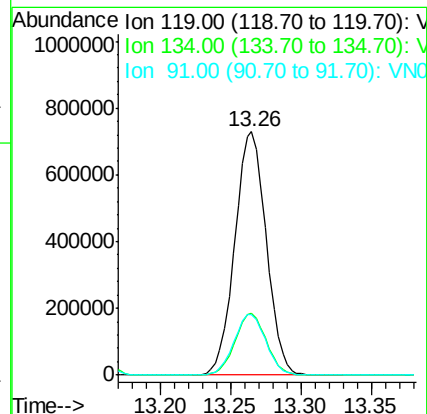
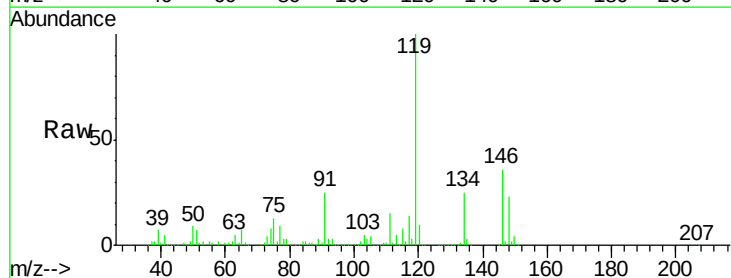
Tgt Ion:119 Resp: 1135121

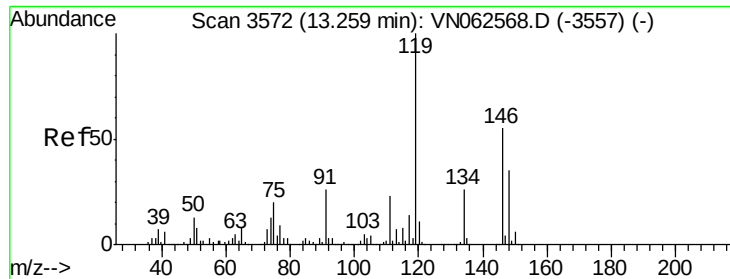
Ion Ratio Lower Upper

119 100

134 25.2 12.8 38.4

91 25.2 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 105.782 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Instrument :

MSVOA_N

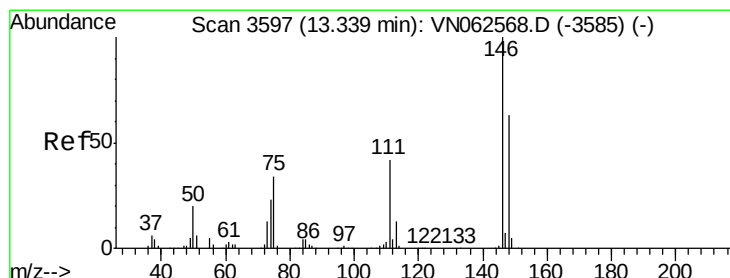
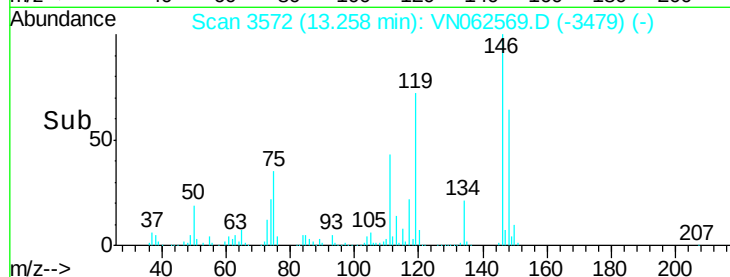
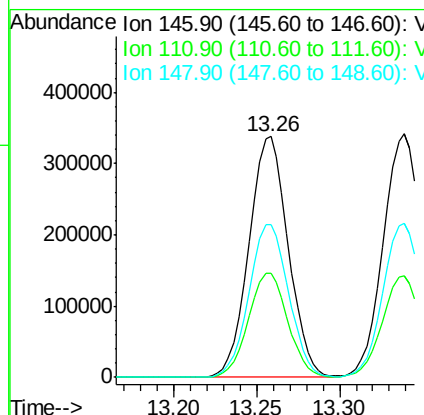
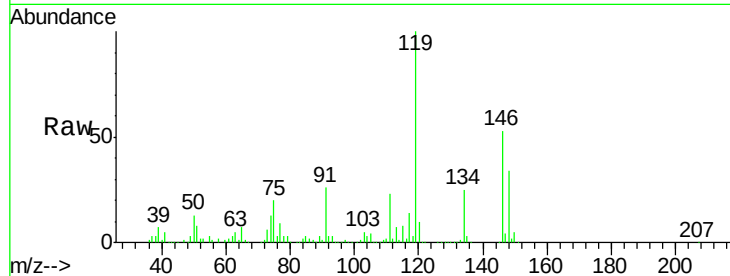
ClientSampled :

VSTDIC100

Tot Ion:	146	Resp:	556486
Ion Ratio	Lower	Upper	
146	100		
111	43.4	21.6	64.6
148	64.1	31.8	95.4

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 103.627 ug/l

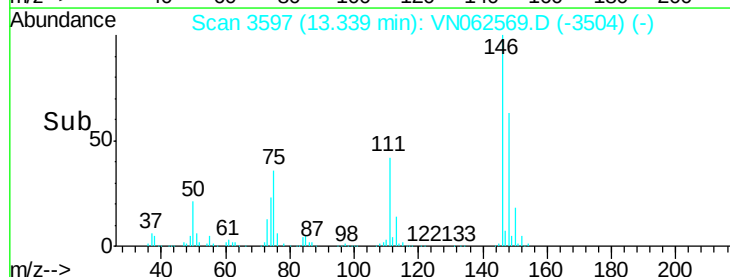
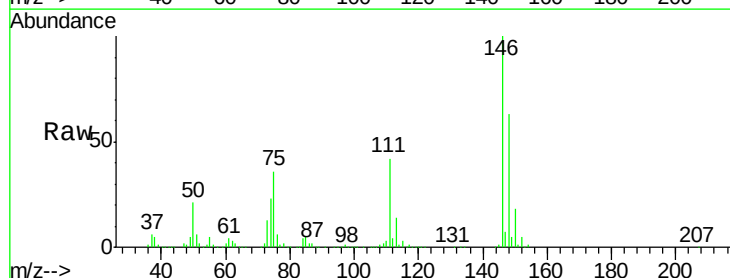
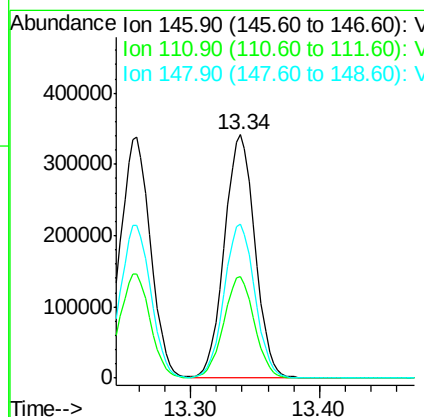
RT: 13.34 min Scan# 3597

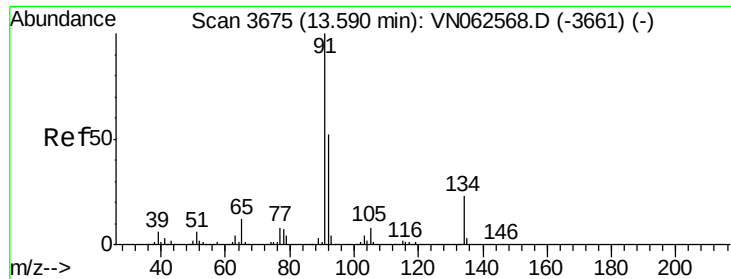
Delta R.T. -0.00 min

Lab File: VN062569.D

Acq: 21 Jul 2020 13:10

Tgt Ion:	146	Resp:	559883
Ion Ratio	Lower	Upper	
146	100		
111	41.7	21.1	63.1
148	63.5	31.6	94.8





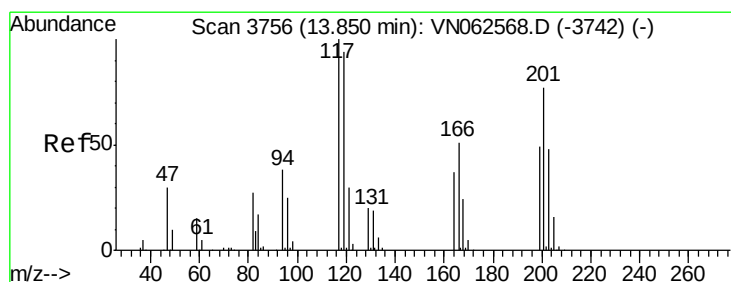
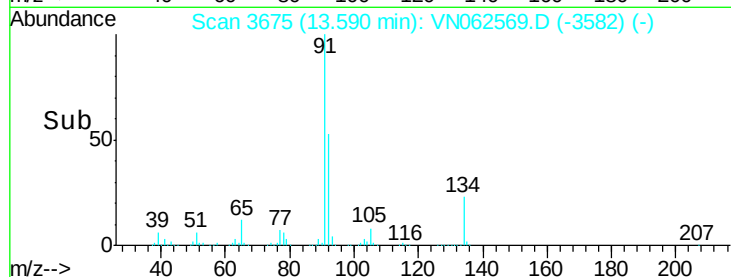
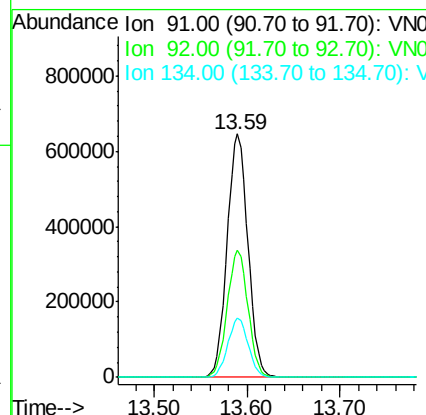
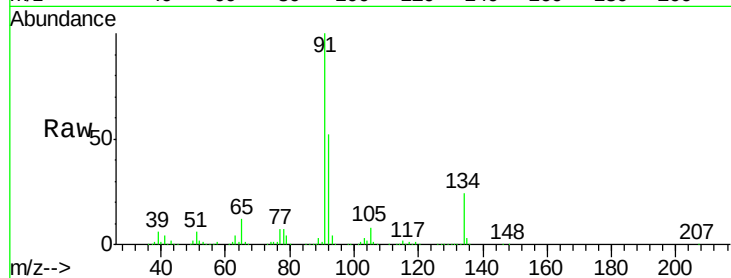
#89
n-Butylbenzene
Concen: 107.707 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Tot Ion: 91 Resp: 1005484
Ion Ratio Lower Upper
91 100
92 52.2 25.8 77.3
134 23.9 11.8 35.3

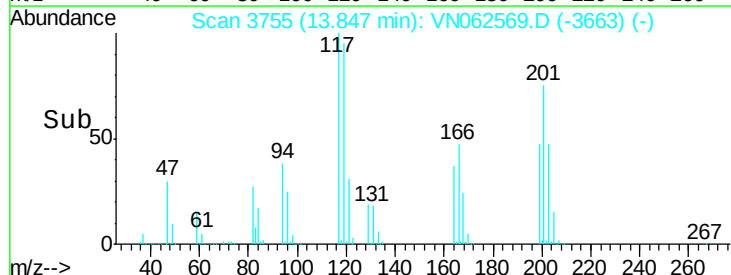
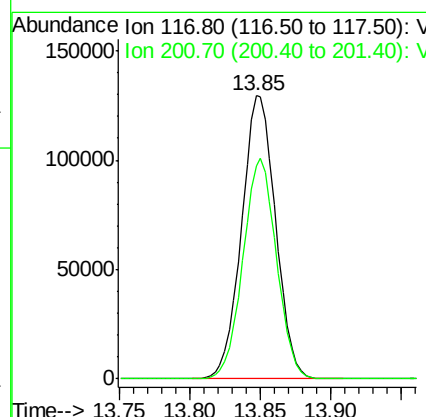
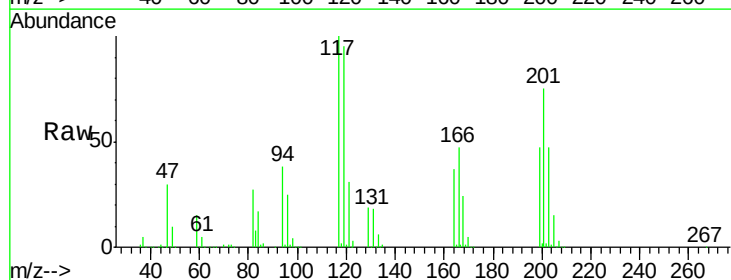
Manual Integrations
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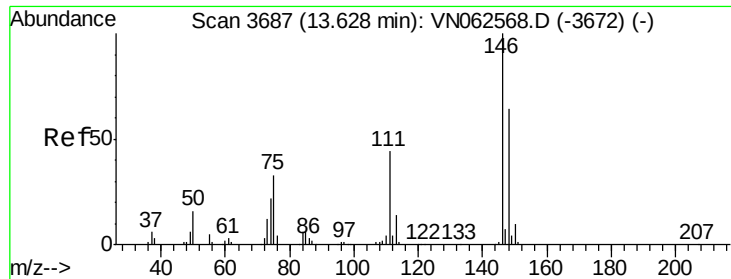
MMDadoda
7/22/2020 2:45:40 PM



#90
Hexachloroethane
Concen: 104.312 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Tgt Ion: 117 Resp: 218582
Ion Ratio Lower Upper
117 100
201 76.9 39.2 117.6





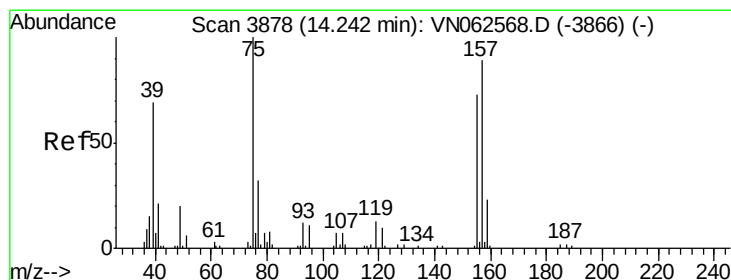
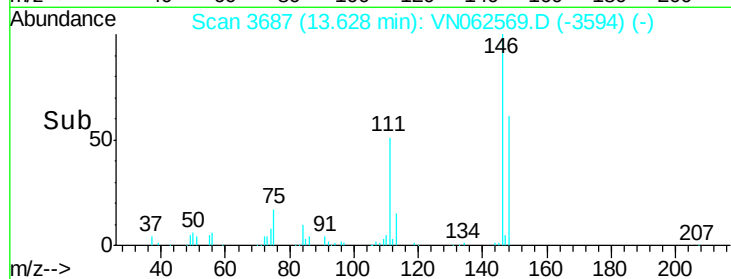
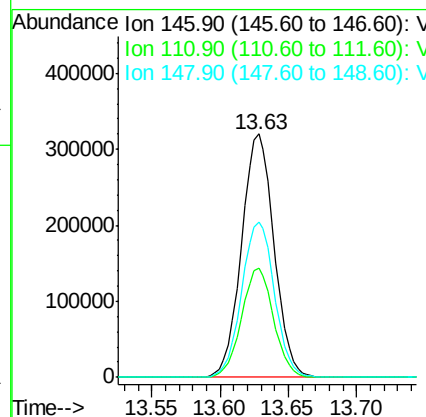
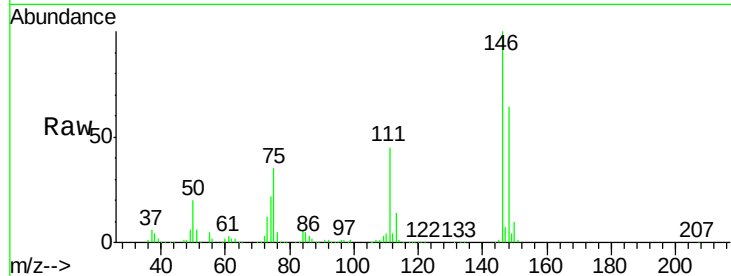
#91
 1,2-Dichlorobenzene
 Concen: 103.988 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062569.D
 Acq: 21 Jul 2020 13:10

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
146	100	529886		
111	44.1	21.9	65.8	
148	64.5	31.6	94.7	

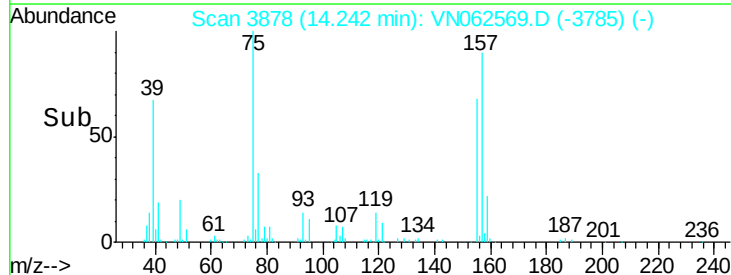
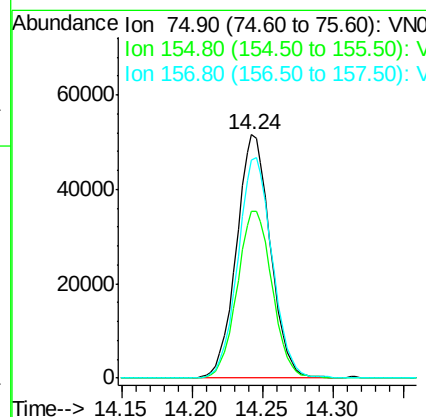
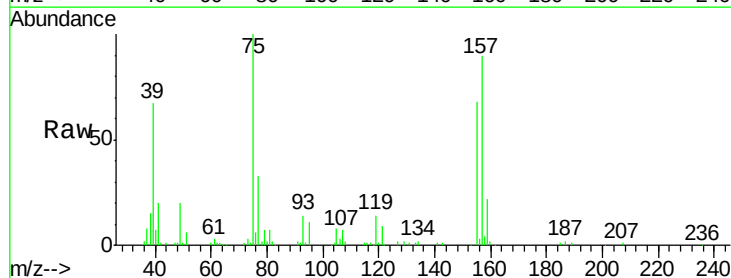
Manual Integrations
 APPROVED

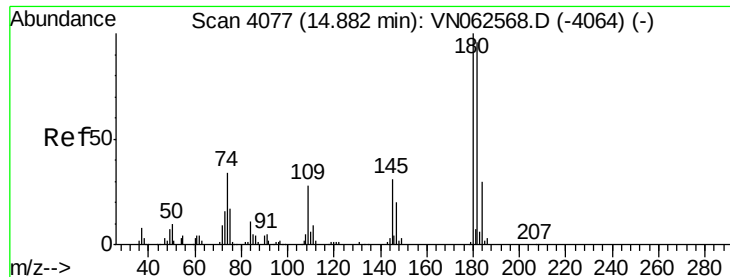
MMDadoda
 7/22/2020 2:45:40 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 106.225 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062569.D
 Acq: 21 Jul 2020 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	86831		
155	70.6	35.9	107.5	
157	91.7	45.0	135.0	





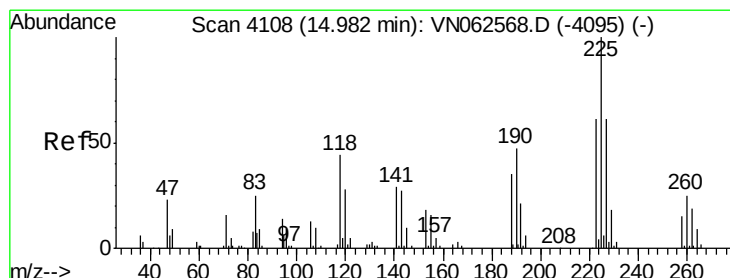
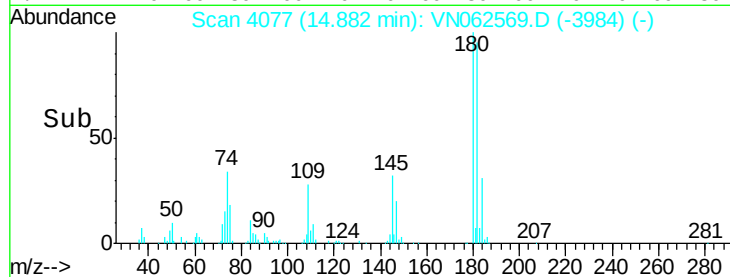
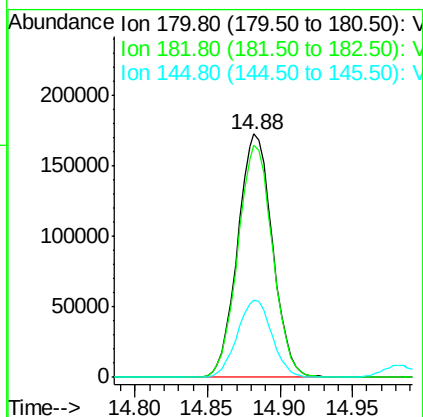
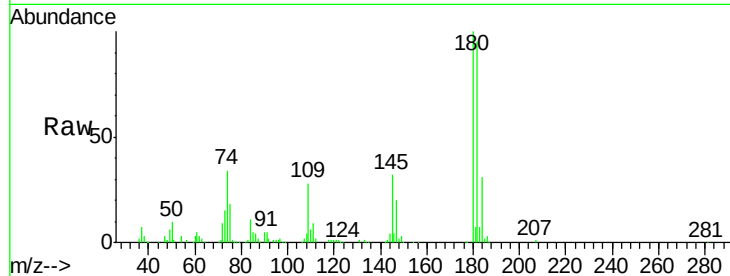
#93
 1,2,4-Trichlorobenzene
 Concen: 126.143 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062569.D
 Acq: 21 Jul 2020 13:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	288511		
182	95.3	47.8	143.3	
145	31.6	15.3	45.9	

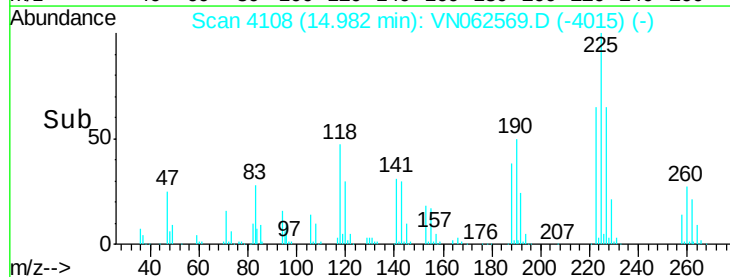
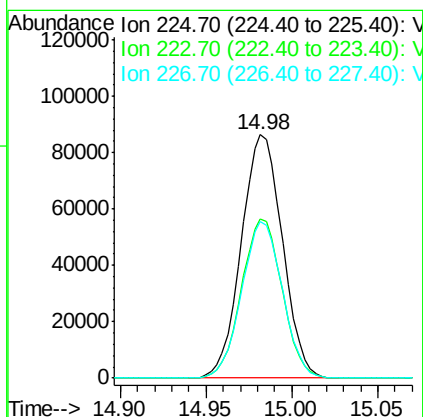
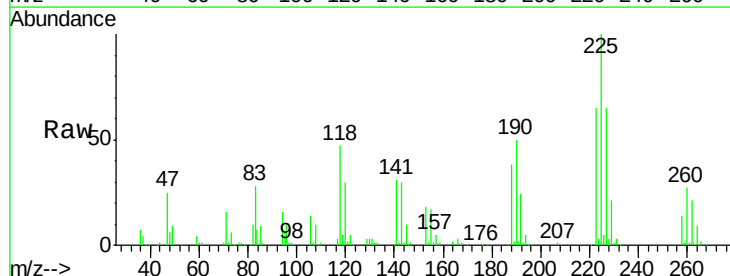
Manual Integrations
 APPROVED

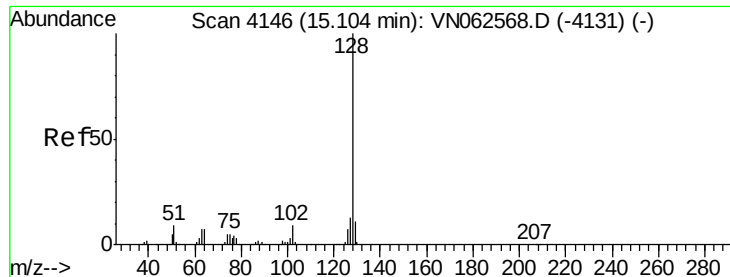
MMDadoda
 7/22/2020 2:45:40 PM



#94
 Hexachlorobutadiene
 Concen: 104.843 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062569.D
 Acq: 21 Jul 2020 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	143213		
223	64.7	32.0	96.0	
227	63.8	31.1	93.2	





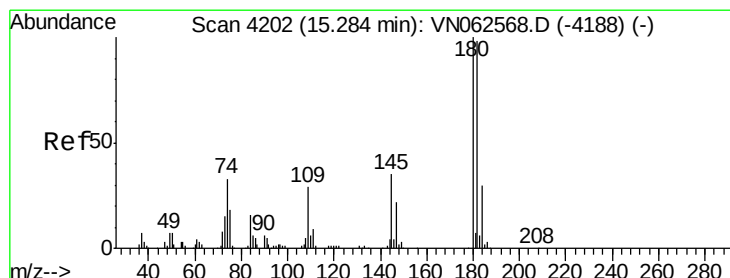
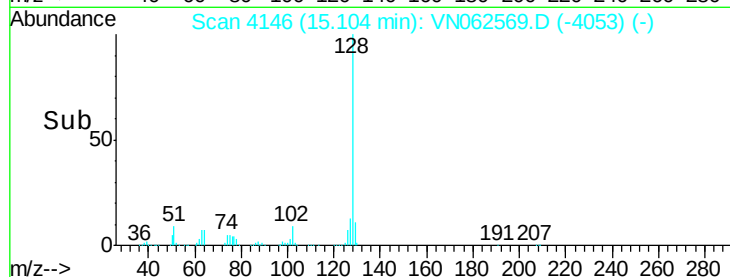
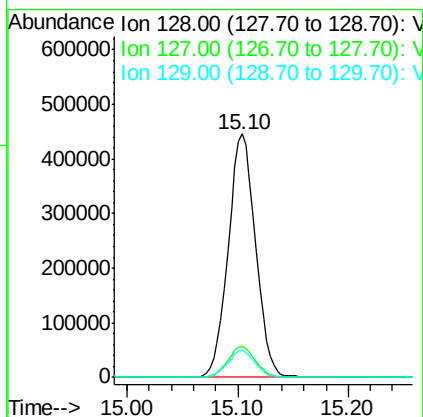
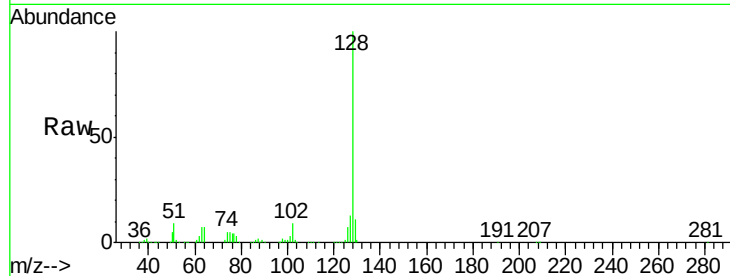
#95
Naphthalene
Concen: 119.664 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
7/22/2020 2:45:40 PM



#96
1,2,3-Trichlorobenzene
Concen: 119.518 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062569.D
Acq: 21 Jul 2020 13:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.1	144.3
145	33.1	16.7	50.1

