

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062920\
 Data File : VN062184.D
 Acq On : 29 Jun 2020 13:32
 Operator : JC/MD
 Sample : VN0629WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/30/2020 10:43:25 AM

Quant Time: Jun 30 04:54:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	243633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	431554	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	398084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	180618	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	171560	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
35) Dibromofluoromethane	7.54	113	138185	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
50) Toluene-d8	10.06	98	546880	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
62) 4-Bromofluorobenzene	12.38	95	181678	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	50213	18.234	ug/l	97
3) Chloromethane	2.03	50	63932	18.887	ug/l	100
4) Vinyl Chloride	2.16	62	75413	17.389	ug/l	98
5) Bromomethane	2.53	94	51880	18.510	ug/l	99
6) Chloroethane	2.67	64	52283	17.648	ug/l	100
7) Trichlorofluoromethane	2.98	101	94196	17.627	ug/l	100
8) Diethyl Ether	3.37	74	36473	19.546	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	54242	19.384	ug/l	99
10) Methyl Iodide	3.90	142	63287	20.081	ug/l	100
11) Tert butyl alcohol	4.73	59	48766	99.342	ug/l #	88
12) 1,1-Dichloroethene	3.69	96	54719	19.560	ug/l	98
13) Acrolein	3.56	56	37961	78.985	ug/l	95
14) Allyl chloride	4.27	41	77197	20.268	ug/l	98
15) Acrylonitrile	4.93	53	134869	100.822	ug/l	99
16) Acetone	3.77	43	119393	108.967	ug/l	100
17) Carbon Disulfide	4.01	76	147761	18.472	ug/l	99
18) Methyl Acetate	4.28	43	56101	20.641	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	178769	19.998	ug/l	100
20) Methylene Chloride	4.50	84	64409	20.393	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	58460	18.344	ug/l	92
22) Diisopropyl ether	5.90	45	173428	19.998	ug/l	96
23) Vinyl Acetate	5.84	43	717153	101.288	ug/l	97
24) 1,1-Dichloroethane	5.80	63	108584	19.444	ug/l	98
25) 2-Butanone	6.79	43	173290	103.695	ug/l	96
26) 2,2-Dichloropropane	6.78	77	90958	19.546	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	69246	19.310	ug/l	98
28) Bromochloromethane	7.15	49	45276	18.686	ug/l	98
29) Tetrahydrofuran	7.17	42	110489	100.932	ug/l	99
30) Chloroform	7.33	83	108439	19.086	ug/l	97
31) Cyclohexane	7.61	56	91675	19.408	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	91114	19.016	ug/l	99
36) 1,1-Dichloropropene	7.75	75	81998	18.903	ug/l	99
37) Ethyl Acetate	6.88	43	75005	20.882	ug/l	97
38) Carbon Tetrachloride	7.73	117	74937	18.324	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	95898	20.177	ug/l	98
40) Benzene	8.00	78	249743	18.889	ug/l	98
41) Methacrylonitrile	7.13	41	31092m	18.671	ug/l	
42) 1,2-Dichloroethane	8.08	62	86425	19.347	ug/l	100
43) Isopropyl Acetate	8.12	43	118595	20.254	ug/l	99
44) Trichloroethene	8.80	130	62999	18.890	ug/l	99
45) 1,2-Dichloropropane	9.08	63	65324	20.027	ug/l	99
46) Dibromomethane	9.17	93	41663	18.839	ug/l	99
47) Bromodichloromethane	9.37	83	86335	19.335	ug/l	99
48) Methyl methacrylate	9.17	41	50699	19.311	ug/l	98
49) 1,4-Dioxane	9.17	88	22383	384.447	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	355145	103.812	ug/l	100
52) Toluene	10.12	92	157784	19.559	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	92709	18.871	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	103941	19.873	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	62925	19.843	ug/l	98
56) Ethyl methacrylate	10.40	69	83696	19.777	ug/l	97
57) 1,3-Dichloropropane	10.68	76	107065	19.615	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	159671	99.014	ug/l	98
59) 2-Hexanone	10.72	43	252470	102.201	ug/l	99
60) Dibromochloromethane	10.87	129	63059	18.783	ug/l	99
61) 1,2-Dibromoethane	10.98	107	62003	19.029	ug/l	99
64) Tetrachloroethene	10.60	164	48570	17.861	ug/l	98
65) Chlorobenzene	11.41	112	166552	19.052	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	57650	19.071	ug/l	99
67) Ethyl Benzene	11.48	91	289600	19.615	ug/l	100
68) m/p-Xylenes	11.59	106	221293	38.752	ug/l	98
69) o-Xylene	11.92	106	104929	19.475	ug/l	98
70) Styrene	11.94	104	173561	19.315	ug/l	99
71) Bromoform	12.10	173	40021	18.621	ug/l #	98
73) Isopropylbenzene	12.22	105	279145	19.966	ug/l	100
74) N-amyl acetate	12.05	43	94478	20.473	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	91090	19.578	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	81751m	19.227	ug/l	
77) Bromobenzene	12.50	156	64984	18.721	ug/l	95
78) n-propylbenzene	12.57	91	322068	20.139	ug/l	99
79) 2-Chlorotoluene	12.65	91	188554	19.502	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	228530	20.163	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	28525	19.592	ug/l	97
82) 4-Chlorotoluene	12.75	91	193759	19.380	ug/l	99
83) tert-Butylbenzene	12.97	119	195503	20.156	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	228304	20.169	ug/l	100
85) sec-Butylbenzene	13.15	105	269958	21.063	ug/l	98
86) p-Isopropyltoluene	13.26	119	234265	20.862	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	115326	18.921	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	116058	18.472	ug/l	99
89) n-Butylbenzene	13.59	91	188646	20.207	ug/l	99
90) Hexachloroethane	13.85	117	43402	19.700	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	113155	19.144	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	14358	19.264	ug/l	97

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ClientSampleId :
VN0629WBS01

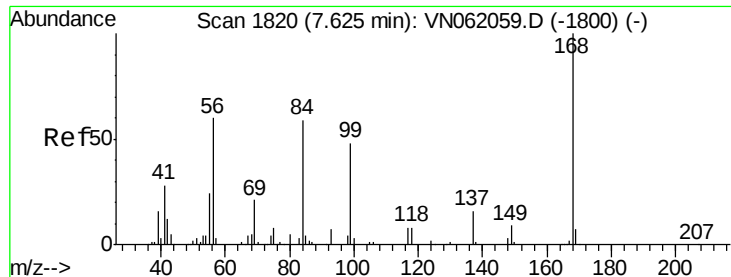
Manual Integrations
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QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	50123	19.412	ug/l	97
94) Hexachlorobutadiene	14.98	225	24109	21.498	ug/l	100
95) Naphthalene	15.10	128	137945	18.738	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	49652	18.806	ug/l	98

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



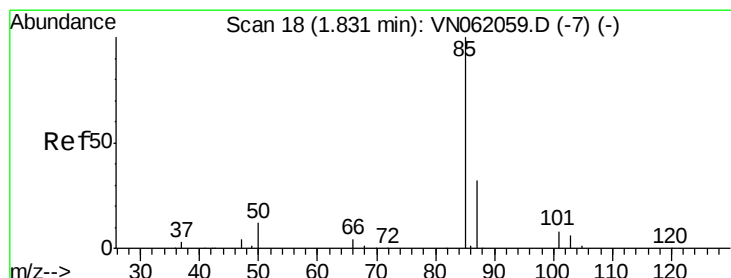
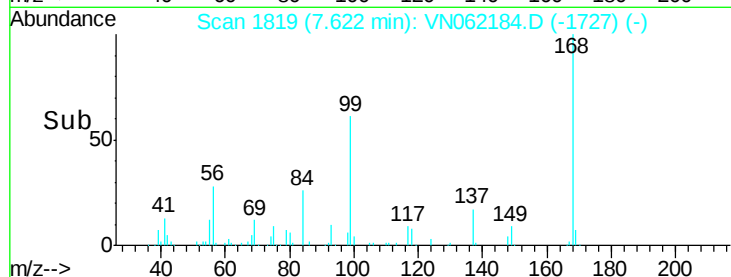
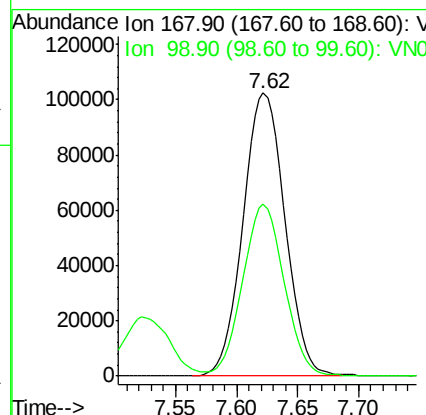
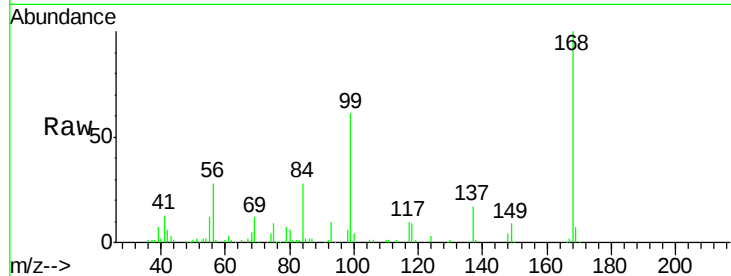
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
168	100		243633		
99	60.3	45.8	68.8		

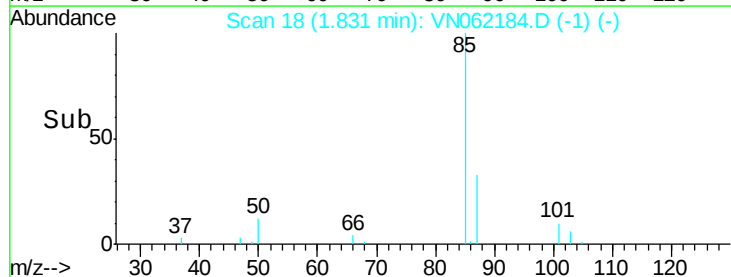
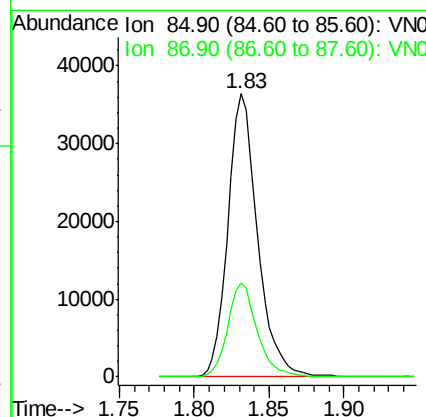
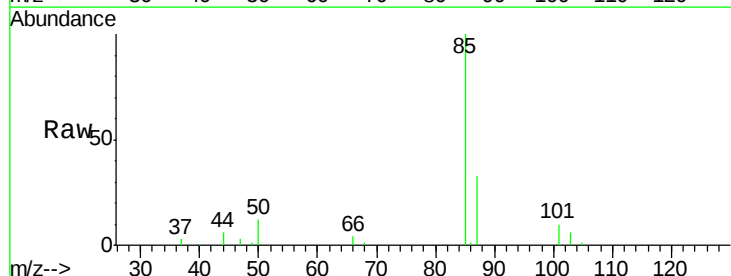
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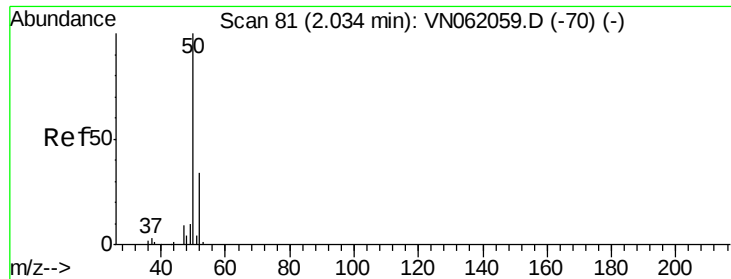
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#2
Dichlorodifluoromethane
Concen: 18.234 ug/l
RT: 1.83 min Scan# 18
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
85	100		50213		
87	33.3	15.9	47.7		





#3

Chloromethane

Concen: 18.887 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBS01

Tot Ion: 50 Resp: 63932

Ion Ratio Lower Upper

50 100

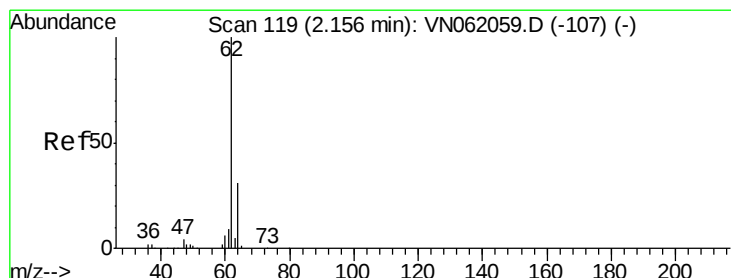
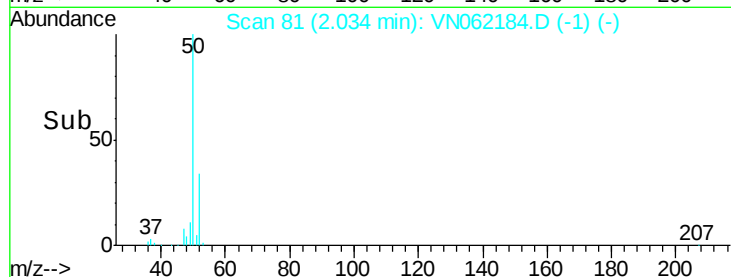
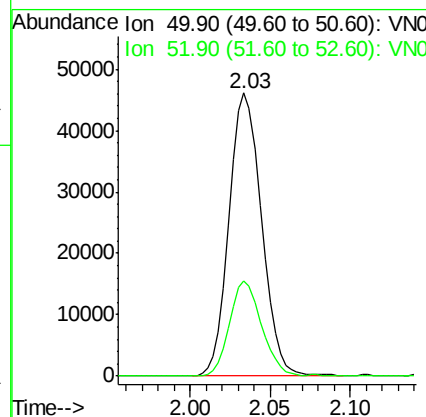
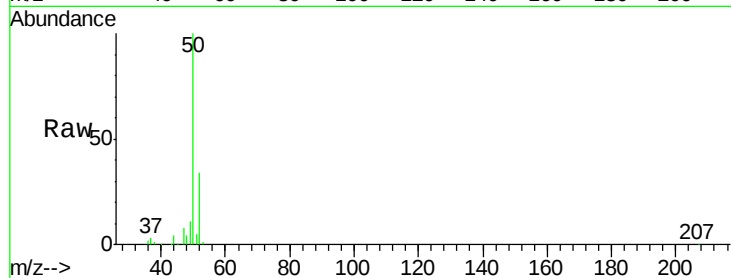
52 33.9 27.0 40.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.389 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN062184.D

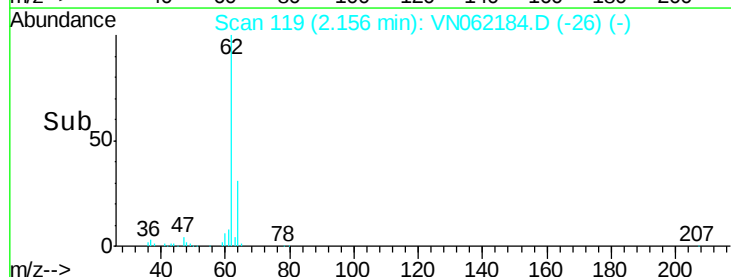
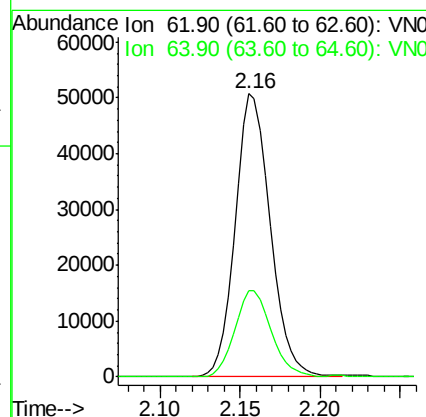
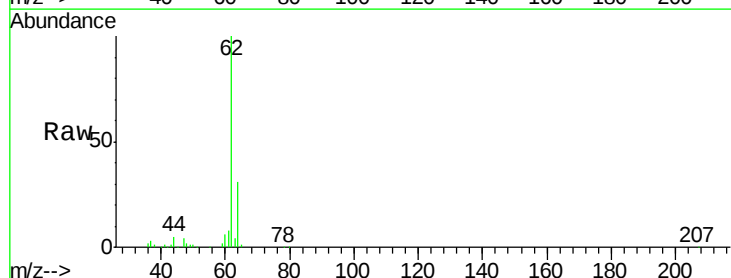
Acq: 29 Jun 2020 13:32

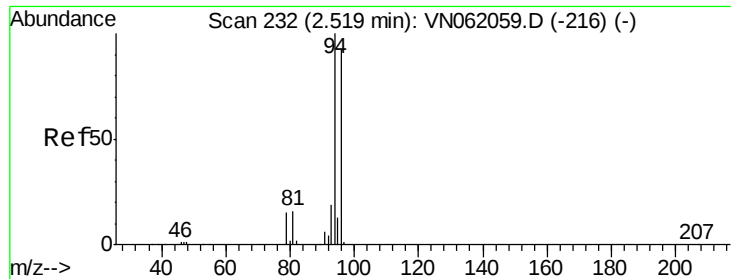
Tgt Ion: 62 Resp: 75413

Ion Ratio Lower Upper

62 100

64 30.6 25.1 37.7





#5

Bromomethane

Concen: 18.510 ug/l

RT: 2.53 min Scan# 236

Delta R.T. 0.01 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Instrument :

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ClientSampleId :

VN0629WBS01

Tot Ion: 94 Resp: 51880

Ion Ratio Lower Upper

94 100

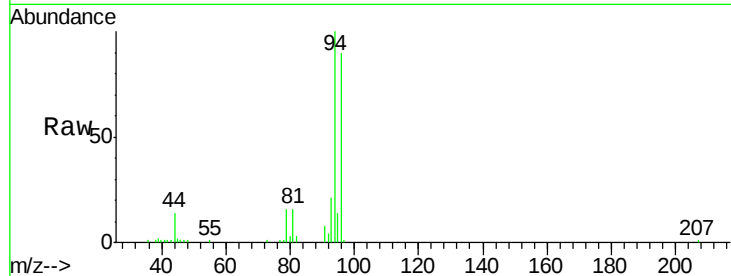
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Manual Integrations

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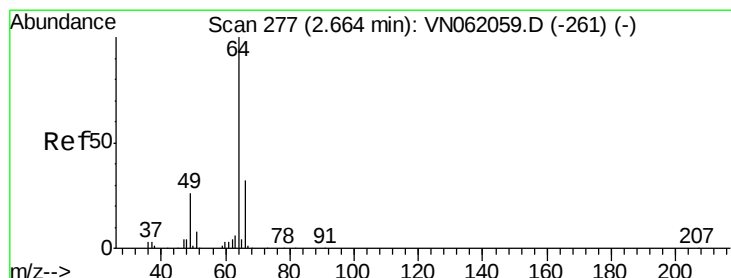
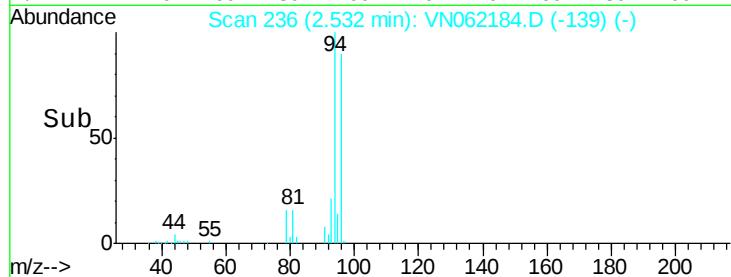
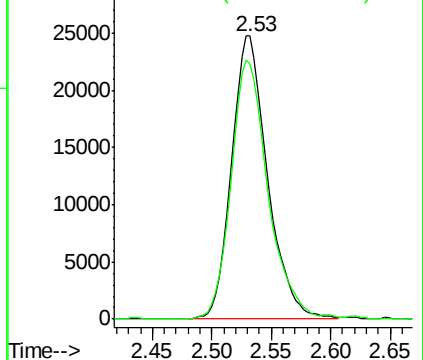
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 17.648 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.01 min

Lab File: VN062184.D

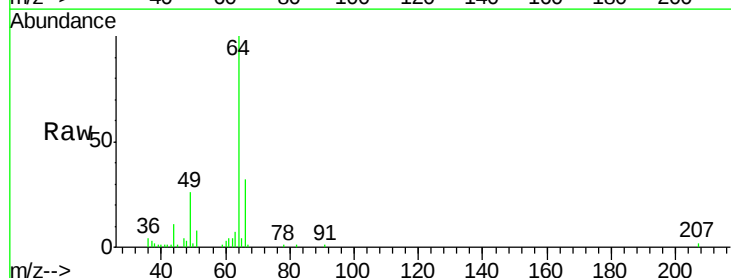
Acq: 29 Jun 2020 13:32

Tgt Ion: 64 Resp: 52283

Ion Ratio Lower Upper

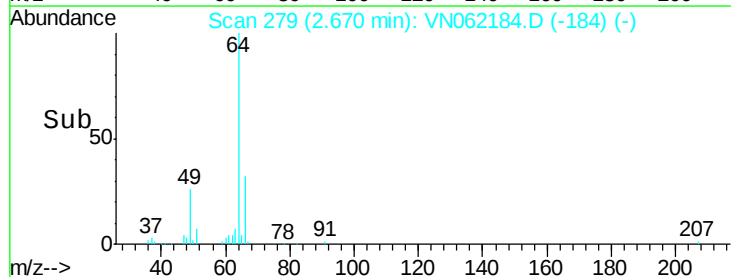
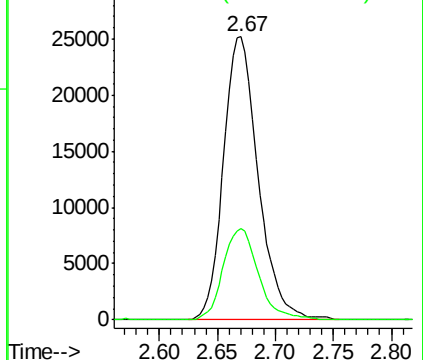
64 100

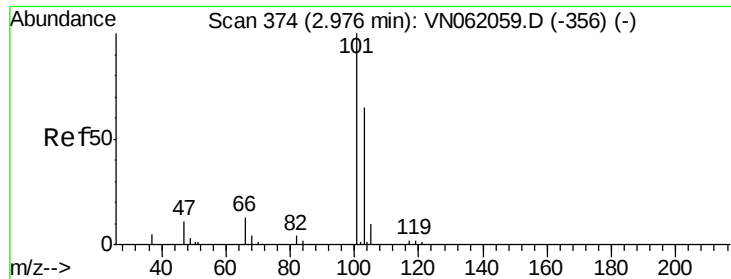
66 32.3 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

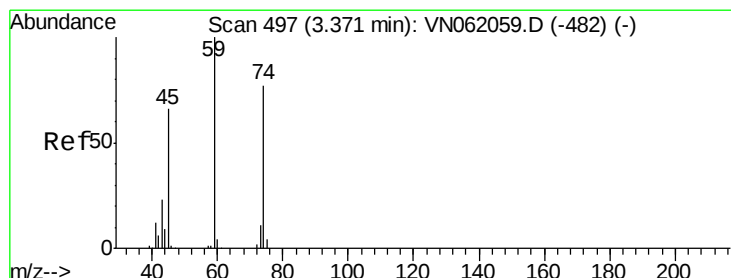
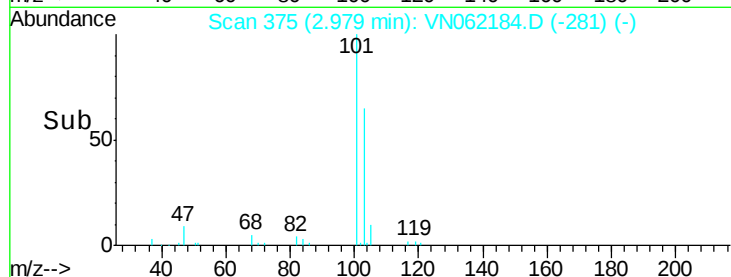
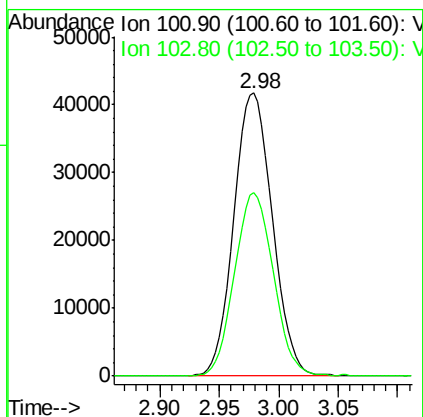
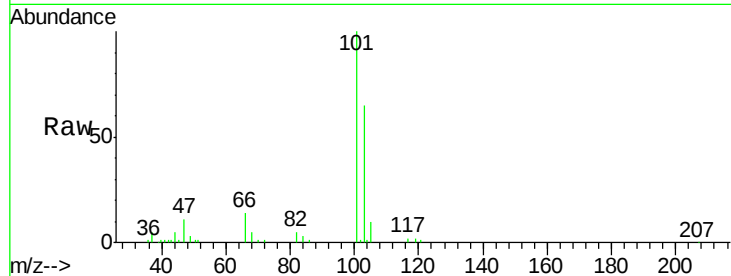
Trichlorofluoromethane
 Concen: 17.627 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN062184.D
 Acq: 29 Jun 2020 13:32

Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100	100	94196		
103	64.9	51.8	77.6		

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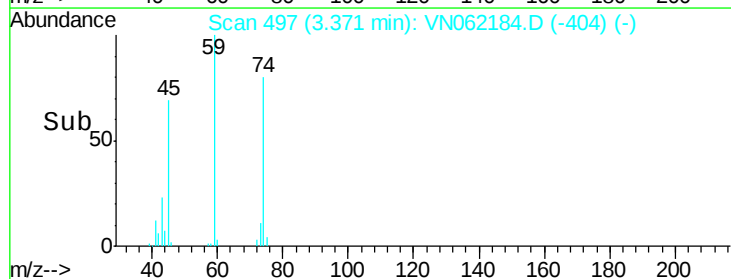
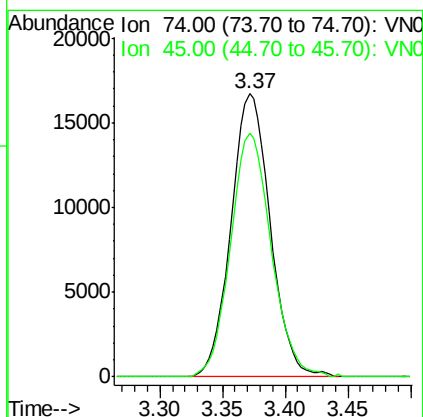
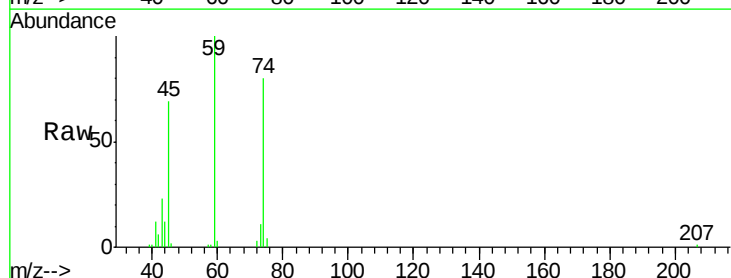
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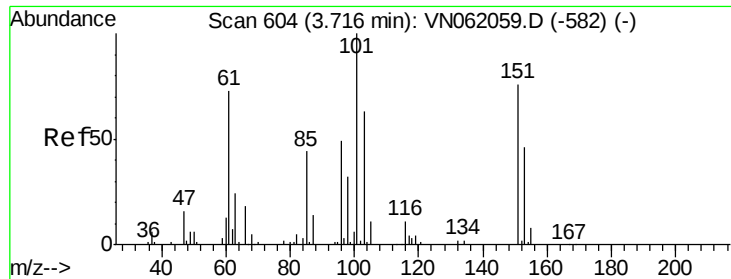


#8

Diethyl Ether
 Concen: 19.546 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062184.D
 Acq: 29 Jun 2020 13:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100	100	36473		
45	88.8	42.5	127.5		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.384 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Instrument :

MSVOA_N

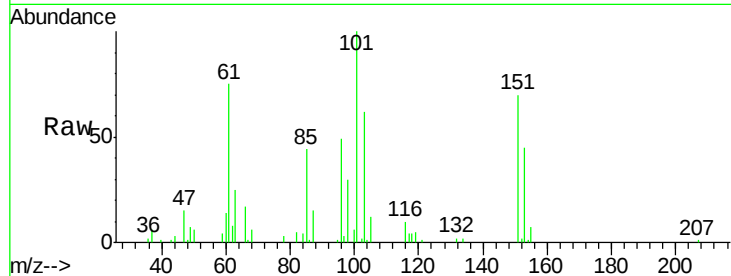
ClientSampleId :

VN0629WBS01

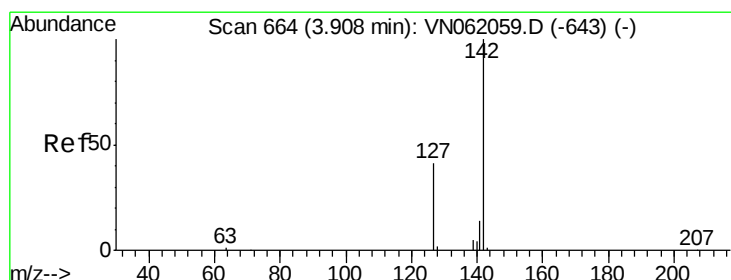
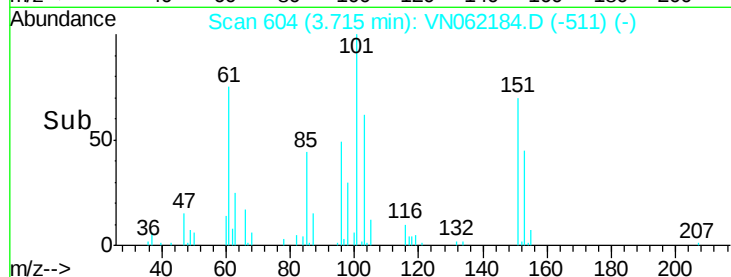
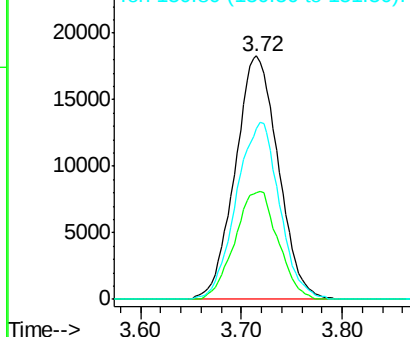
Tot Ion:	101	Resp:	54242
Ion Ratio	Lower	Upper	
101	100		
85	44.3	34.5	51.7
151	72.9	57.8	86.8

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VN
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.081 ug/l

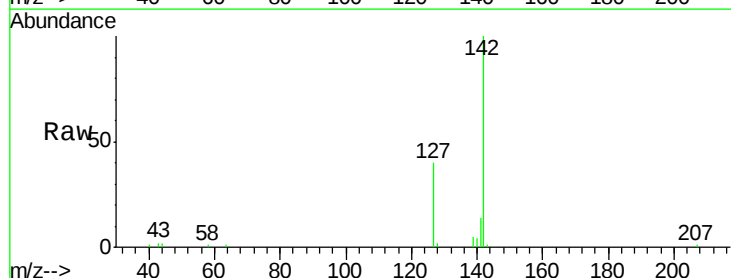
RT: 3.90 min Scan# 663

Delta R.T. -0.00 min

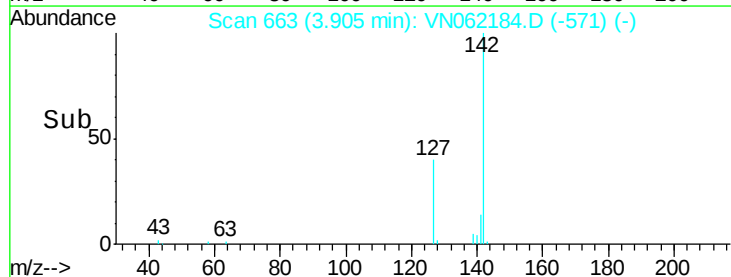
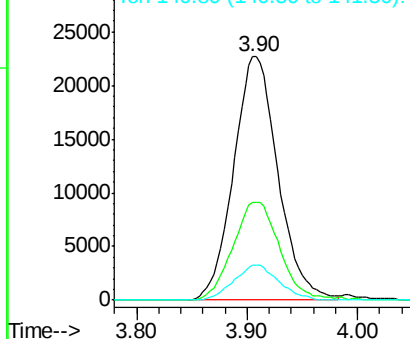
Lab File: VN062184.D

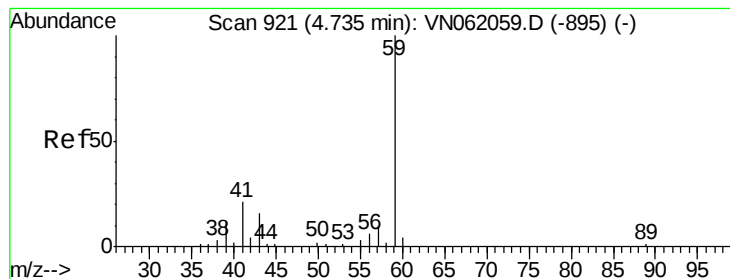
Acq: 29 Jun 2020 13:32

Tgt Ion:	142	Resp:	63287
Ion Ratio	Lower	Upper	
142	100		
127	42.2	33.6	50.4
141	14.4	11.3	16.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

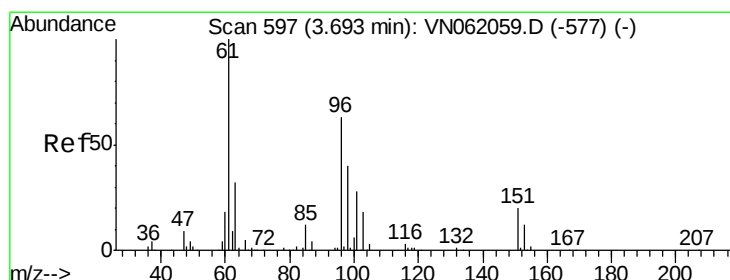
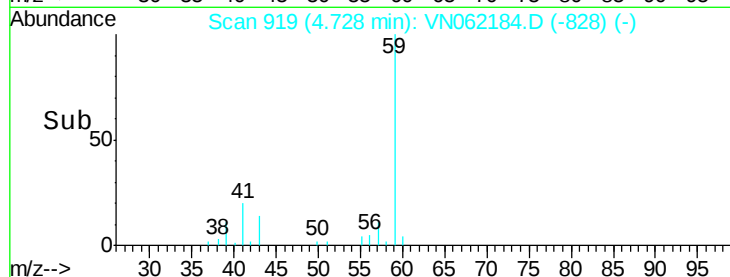
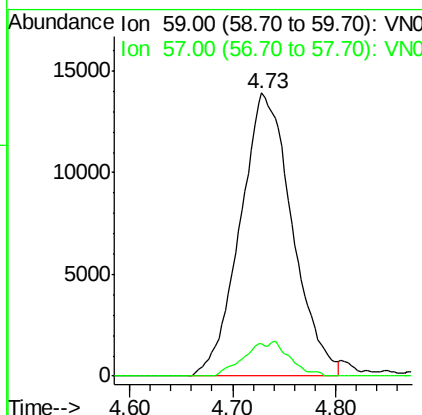
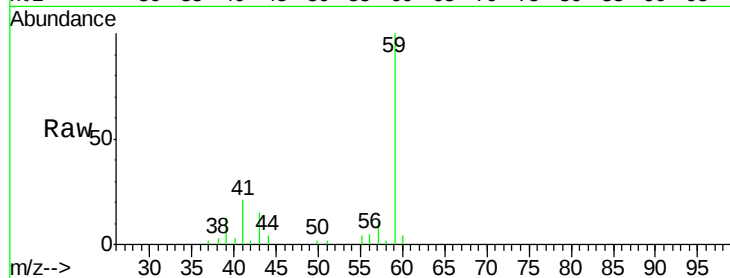
Tert butyl alcohol
 Concen: 99.342 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VN062184.D
 Acq: 29 Jun 2020 13:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	5.9	8.3	12.5#

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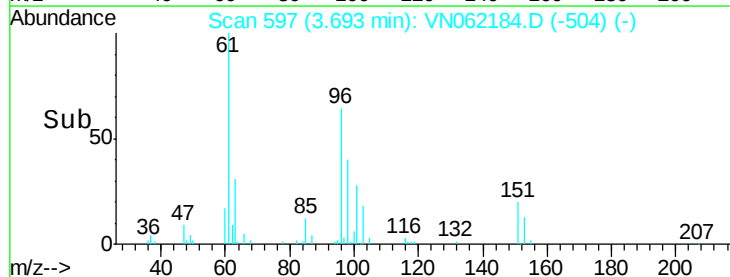
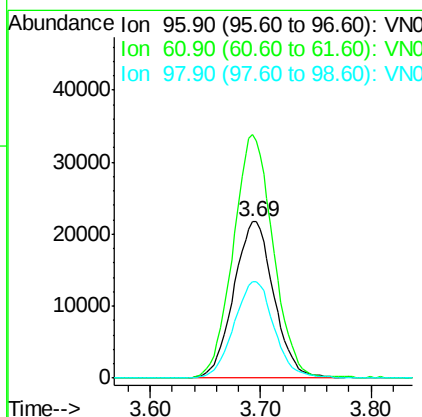
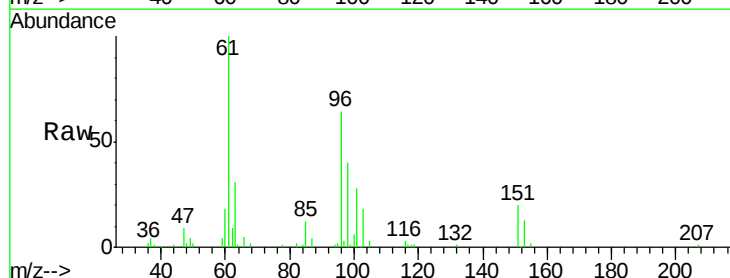
MMDadoda
 6/30/2020 10:43:25 AM

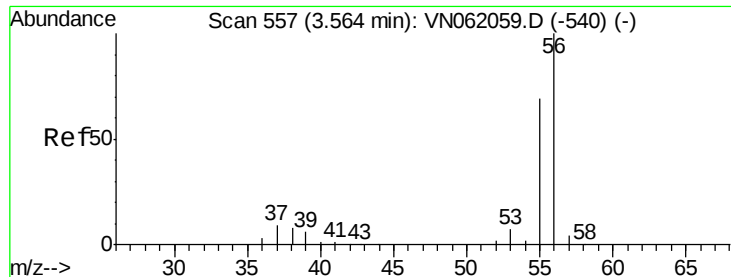


#12

1,1-Dichloroethene
 Concen: 19.560 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062184.D
 Acq: 29 Jun 2020 13:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.7	126.7	190.1
98	61.7	51.0	76.4





#13

Acrolein

Concen: 78.985 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBS01

Tot Ion: 56 Resp: 37961

Ion Ratio Lower Upper

56 100

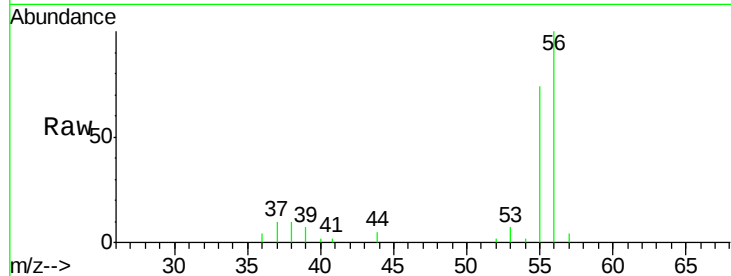
55 73.4 55.5 83.3

Manual Integrations

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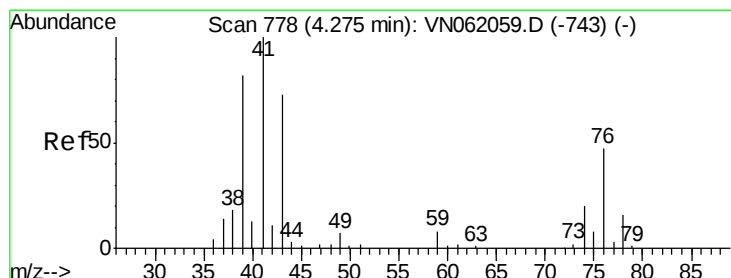
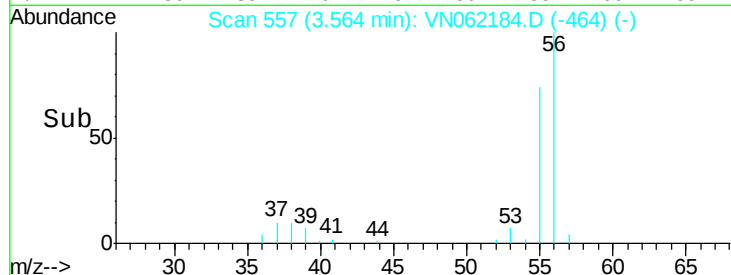
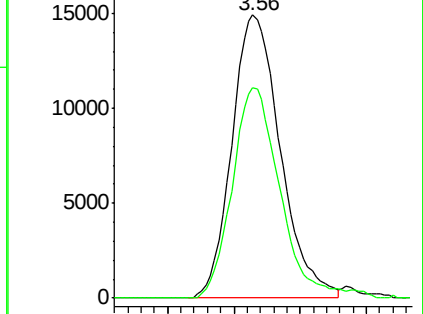
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Abundance Ion 56.00 (55.70 to 56.70): VN062184.D (-540) (-)

Ion 55.00 (54.70 to 55.70): VN062184.D (-540) (-)



#14

Allyl chloride

Concen: 20.268 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

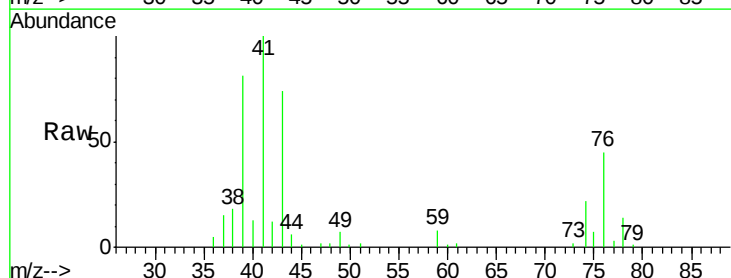
Tgt Ion: 41 Resp: 77197

Ion Ratio Lower Upper

41 100

39 76.8 60.0 90.0

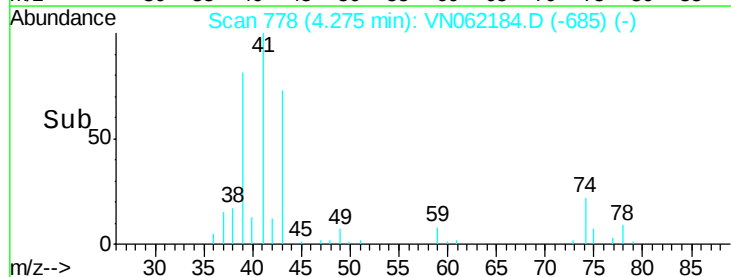
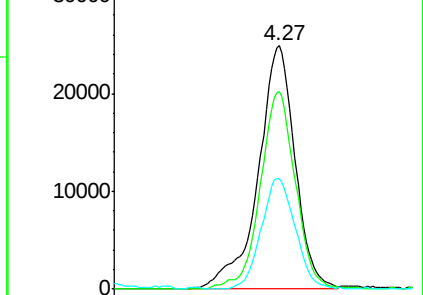
76 41.8 34.1 51.1

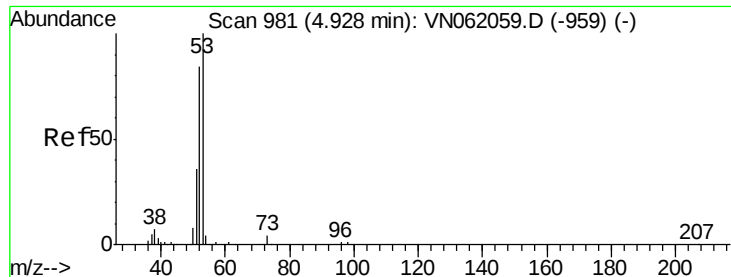


Abundance Ion 41.00 (40.70 to 41.70): VN062184.D (-685) (-)

Ion 39.00 (38.70 to 39.70): VN062184.D (-685) (-)

Ion 75.90 (75.60 to 76.60): VN062184.D (-685) (-)





#15

Acrylonitrile

Concen: 100.822 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Instrument :

MSVOA_N

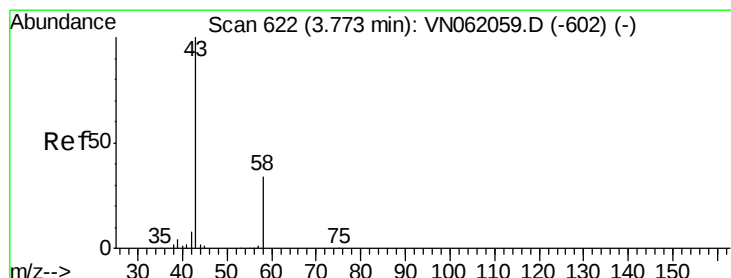
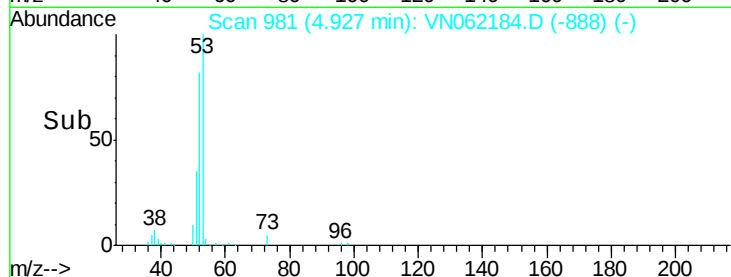
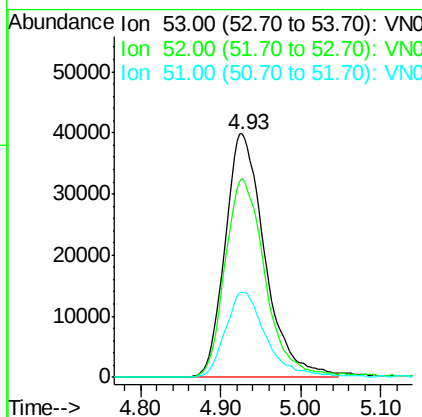
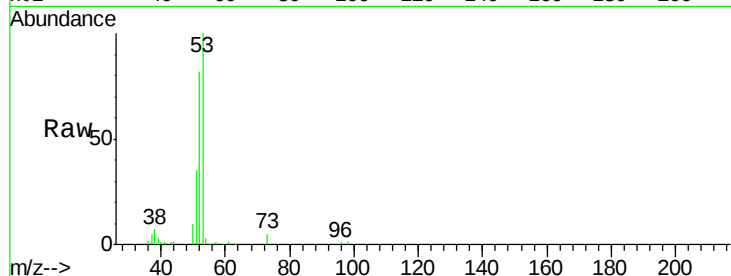
ClientSampleId :

VN0629WBS01

Tot Ion:	53	Resp:	134869
Ion	Ratio	Lower	Upper
53	100		
52	81.9	66.2	99.4
51	35.8	28.9	43.3

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#16

Acetone

Concen: 108.967 ug/l

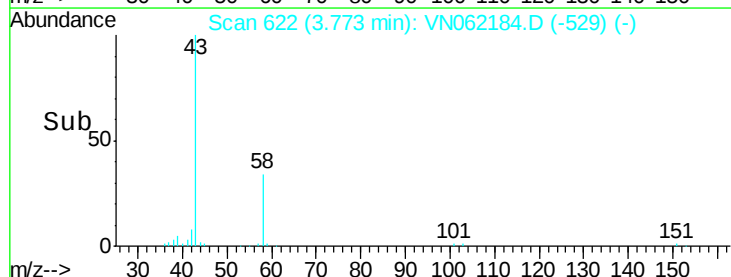
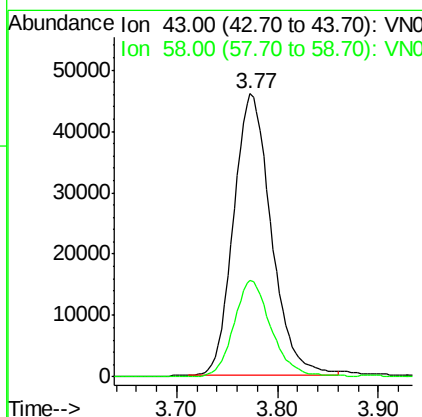
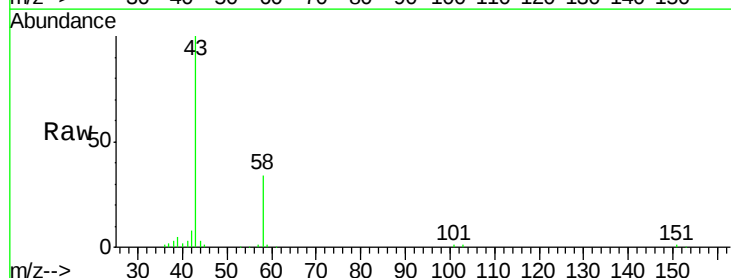
RT: 3.77 min Scan# 622

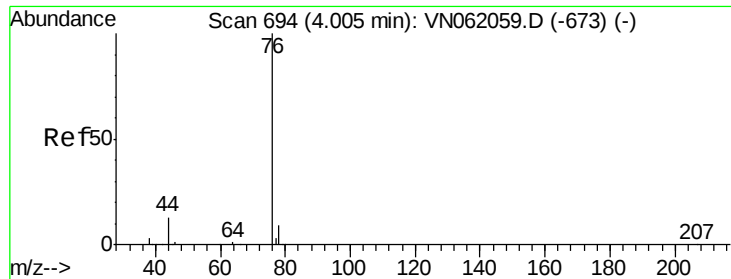
Delta R.T. 0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Tgt Ion:	43	Resp:	119393
Ion	Ratio	Lower	Upper
43	100		
58	34.4	27.5	41.3





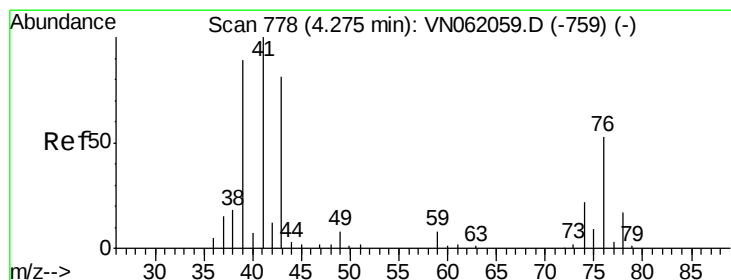
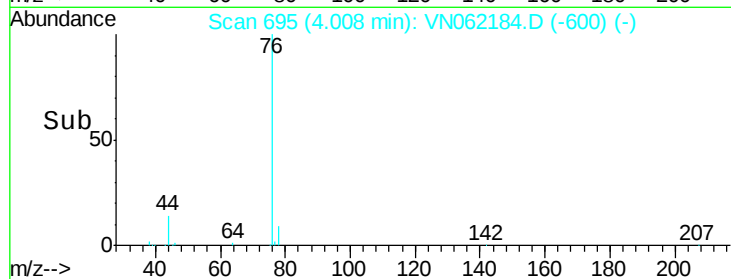
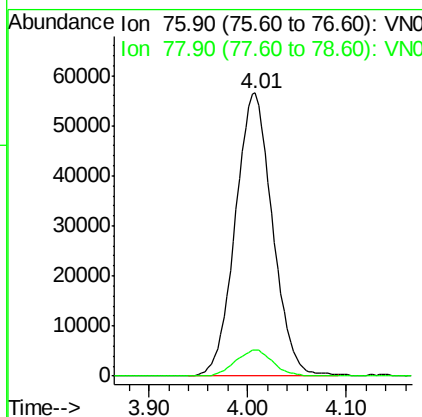
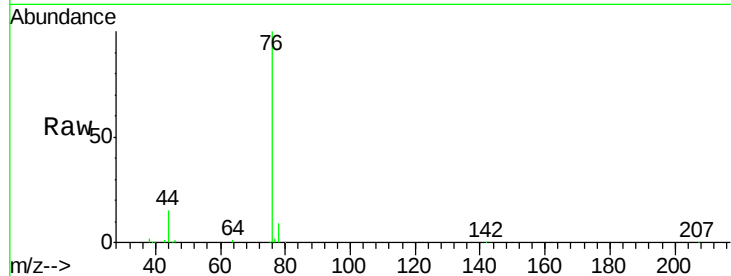
#17
Carbon Disulfide
Concen: 18.472 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.2	10.8

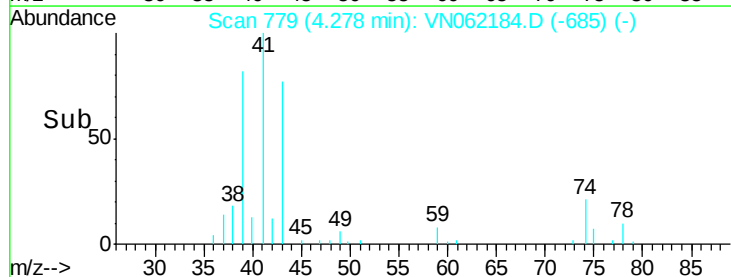
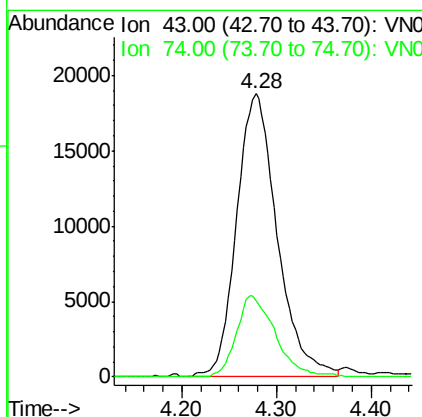
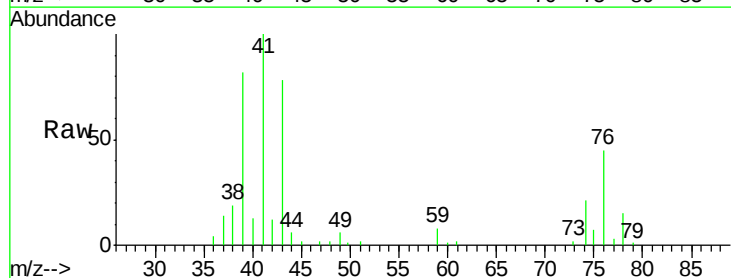
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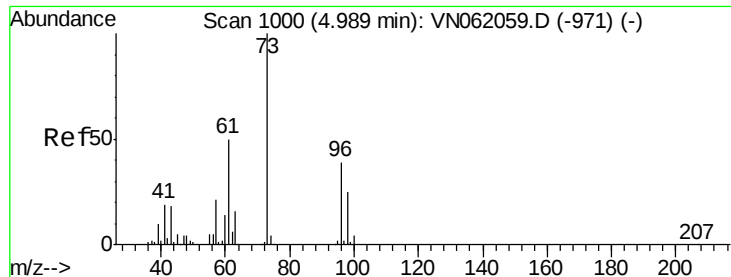
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#18
Methyl Acetate
Concen: 20.641 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.0	22.9	34.3





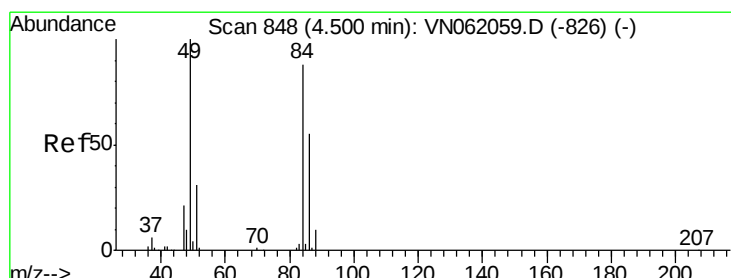
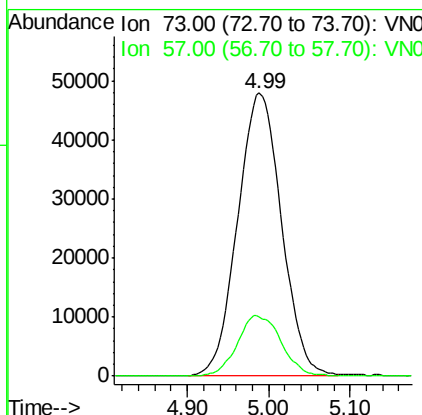
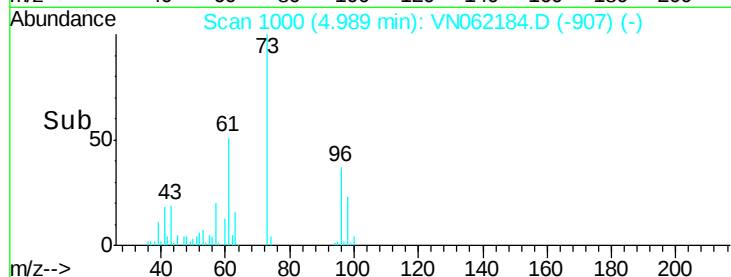
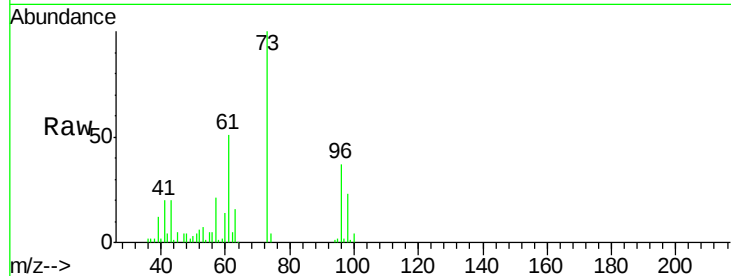
#19
Methvl tert-butvl Ether
Concen: 19.998 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Instrument :
MSVOA_N
ClientSampled :
VN0629WBS01

Tot Ion: 73 Resp: 178769
Ion Ratio Lower Upper
73 100
57 20.8 16.6 24.8

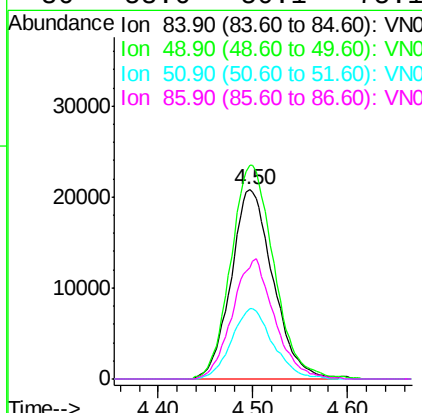
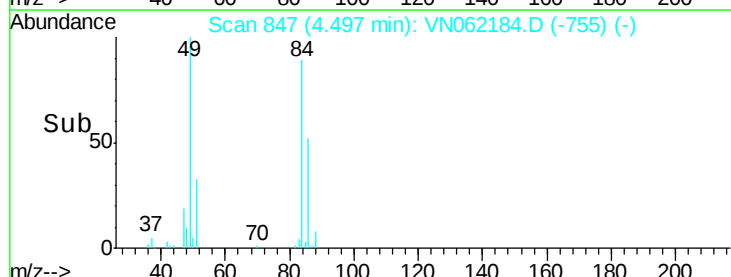
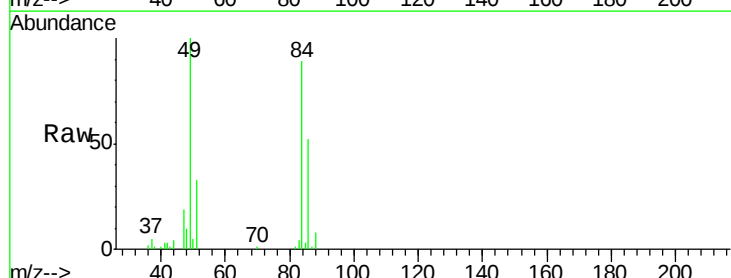
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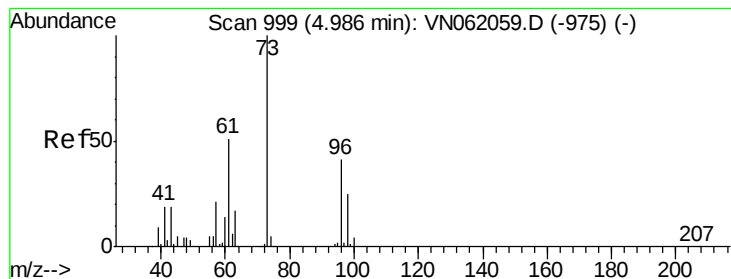
MMDadoda
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#20
Methylene Chloride
Concen: 20.393 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Tgt Ion: 84 Resp: 64409
Ion Ratio Lower Upper
84 100
49 112.9 90.6 136.0
51 37.0 27.8 41.8
86 58.6 50.1 75.1





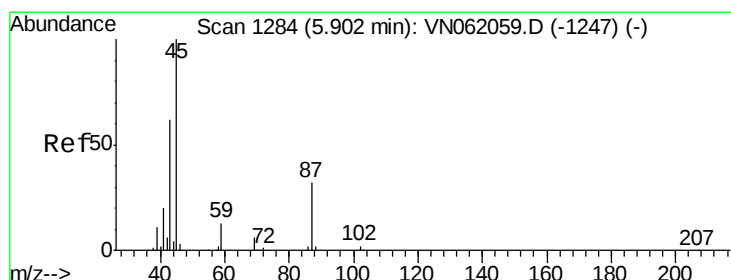
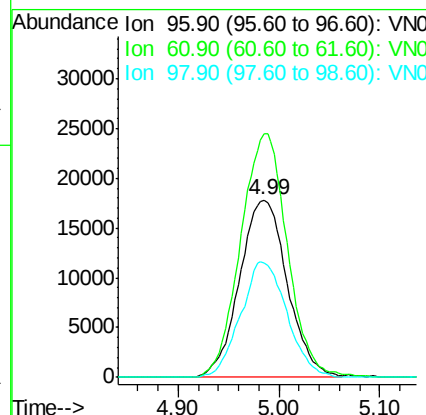
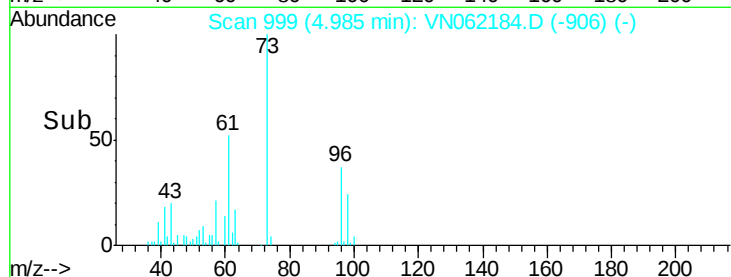
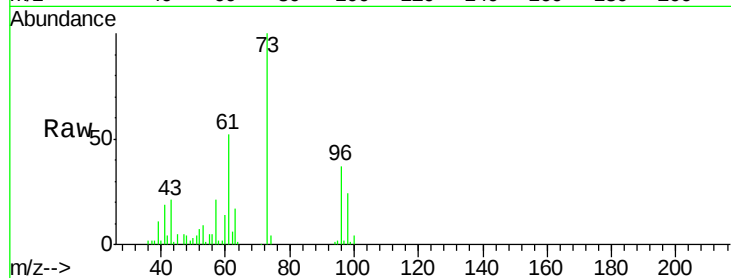
#21
trans-1,2-Dichloroethene
Concen: 18.344 ug/l
RT: 4.99 min Scan# 999
Delta R.T. 0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.4	101.4	152.2
98	64.8	49.3	73.9

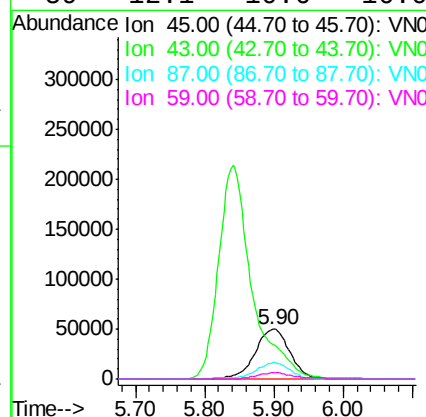
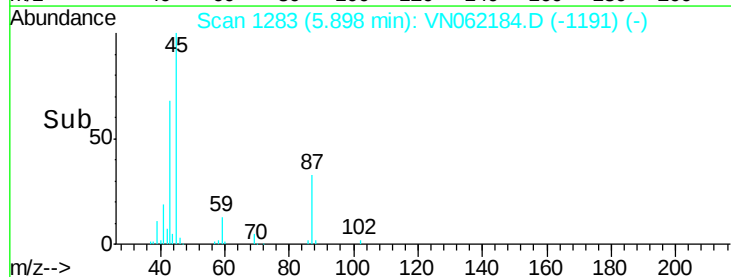
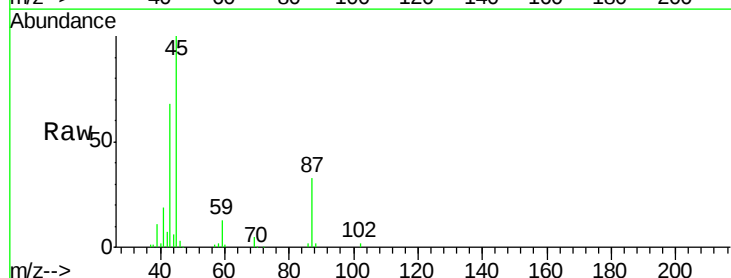
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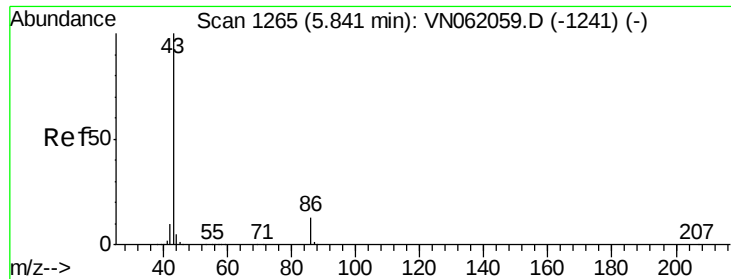
MMDadoda
6/30/2020 10:43:25 AM



#22
Diisopropyl ether
Concen: 19.998 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Tgt Ion	Ratio	Lower	Upper
45	100		
43	66.3	49.7	74.5
87	32.7	25.9	38.9
59	12.1	10.6	16.0





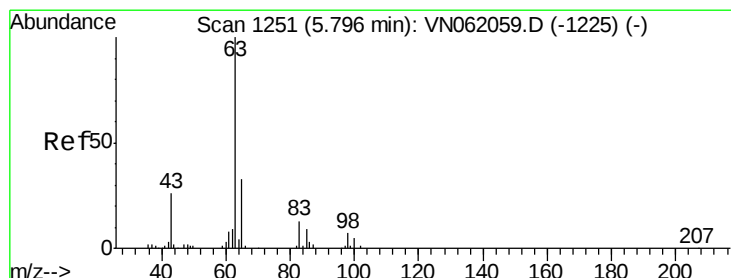
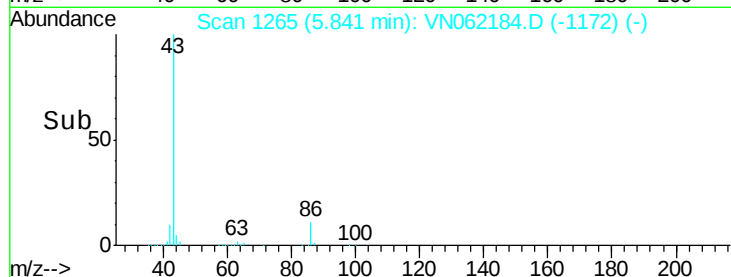
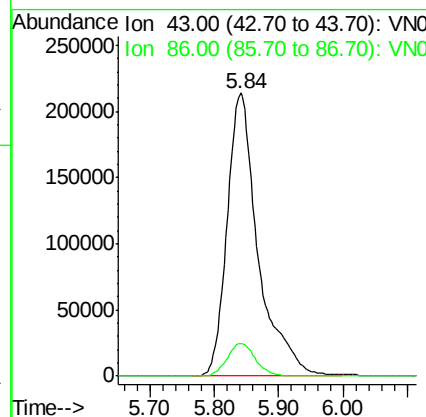
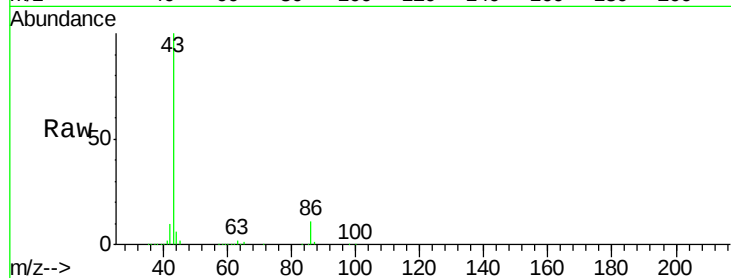
#23
 Vinyl Acetate
 Concen: 101.288 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN062184.D
 Acq: 29 Jun 2020 13:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
86	11.4	10.1	15.1

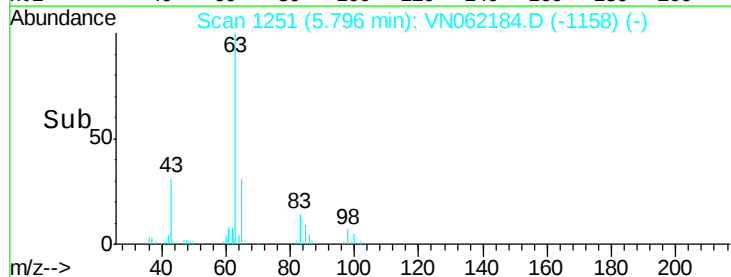
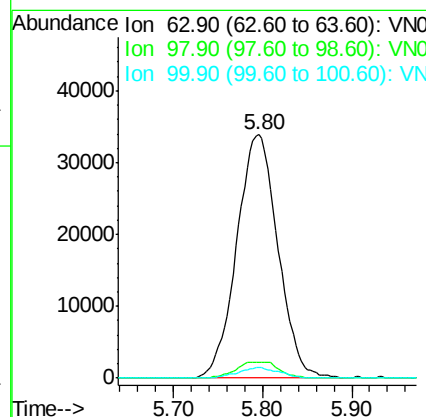
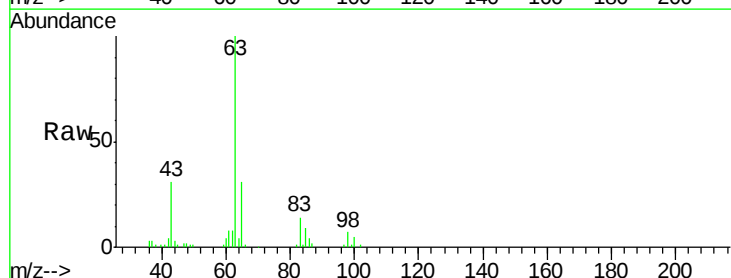
Manual Integrations
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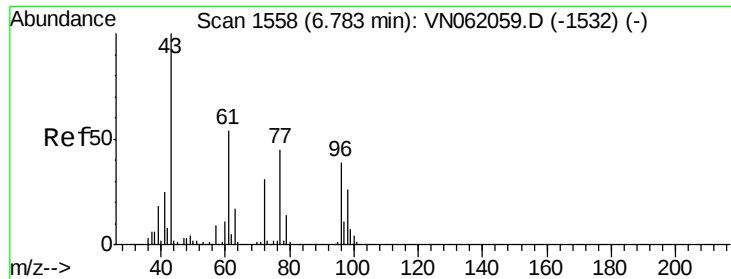
MMDadoda
 6/30/2020 10:43:25 AM



#24
 1,1-Dichloroethane
 Concen: 19.444 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN062184.D
 Acq: 29 Jun 2020 13:32

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.6	10.9
100	4.5	2.4	7.1





#25

2-Butanone

Concen: 103.695 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBS01

Tot Ion: 43 Resp: 173290

Ion Ratio Lower Upper

43 100

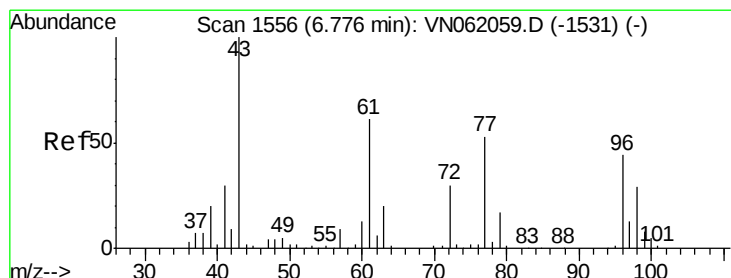
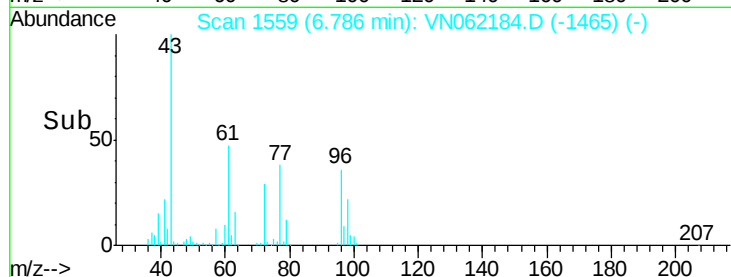
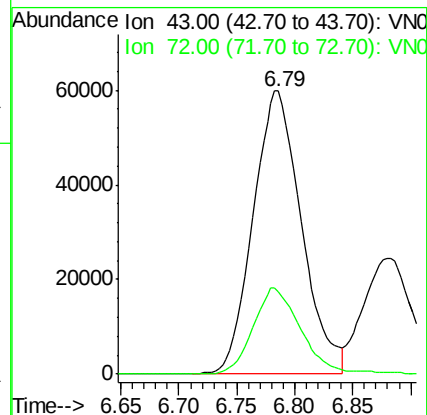
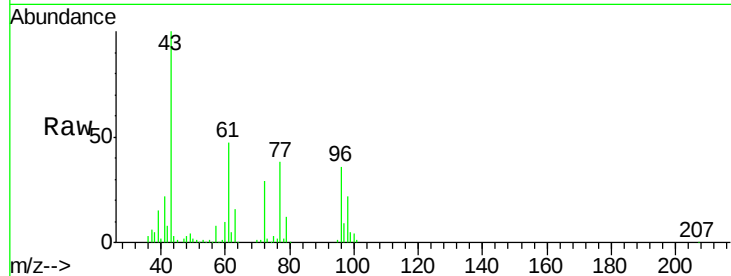
72 29.0 24.8 37.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.546 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN062184.D

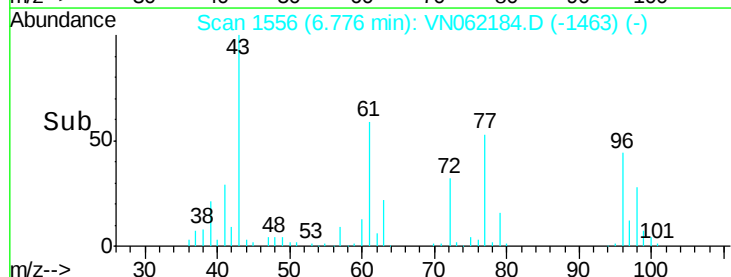
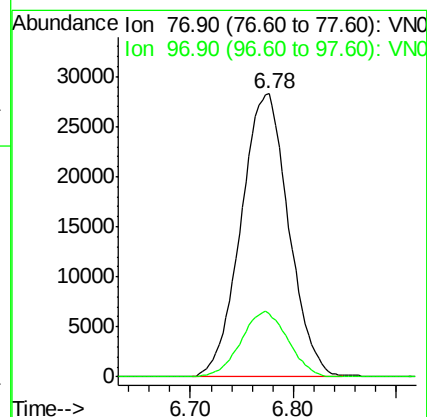
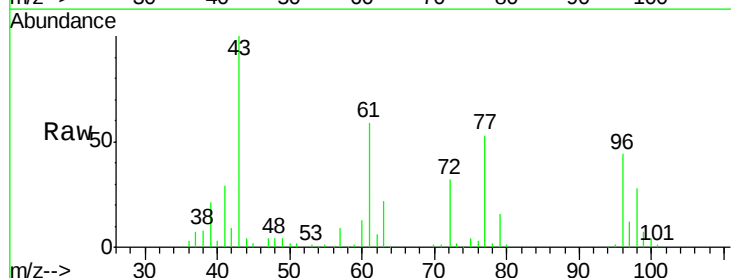
Acq: 29 Jun 2020 13:32

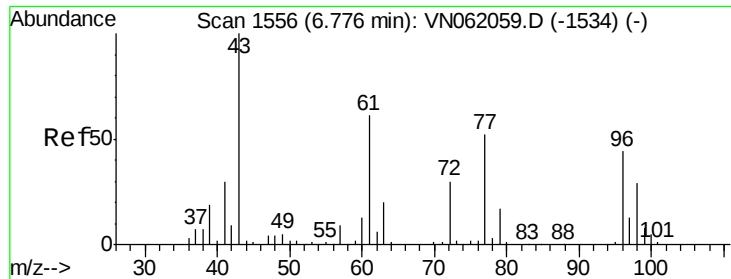
Tgt Ion: 77 Resp: 90958

Ion Ratio Lower Upper

77 100

97 22.7 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 19.310 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Instrument :

MSVOA_N

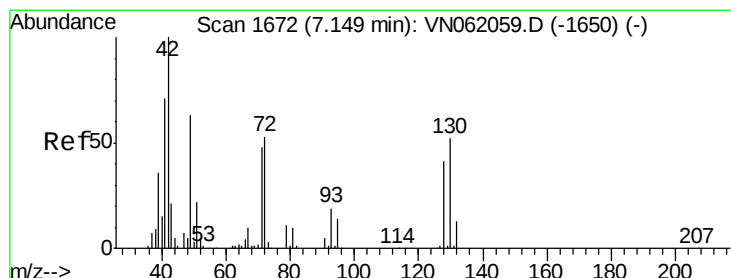
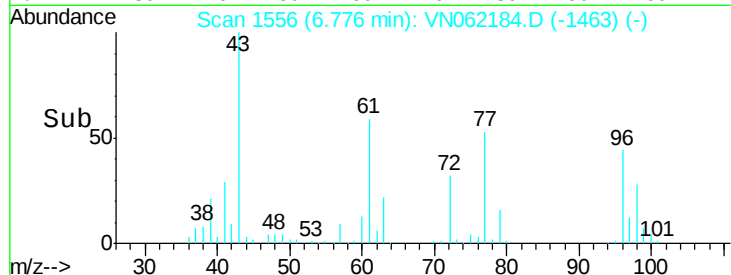
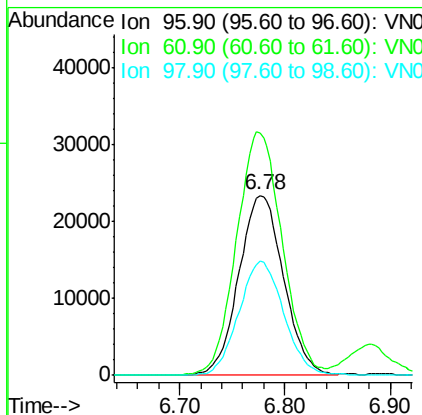
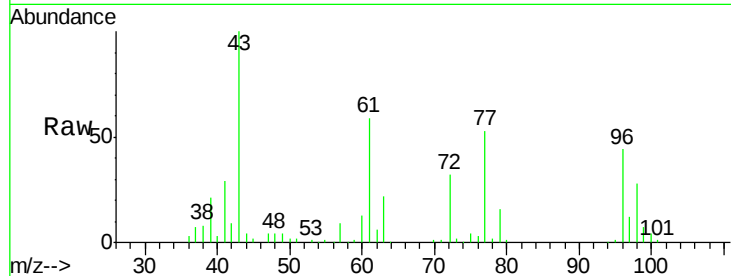
ClientSampleId :

VN0629WBS01

Tot Ion:	96	Resp:	69246
Ion	Ratio	Lower	Upper
96	100		
61	138.0	0.0	280.4
98	63.3	0.0	129.4

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#28

Bromochloromethane

Concen: 18.686 ug/l

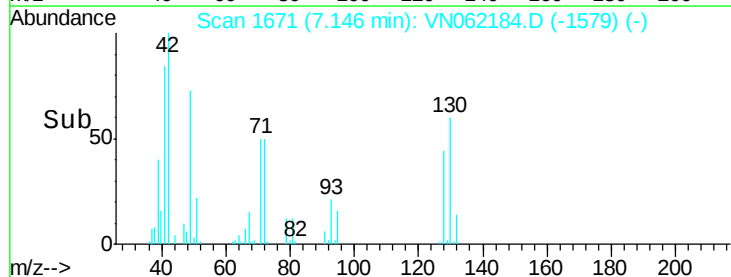
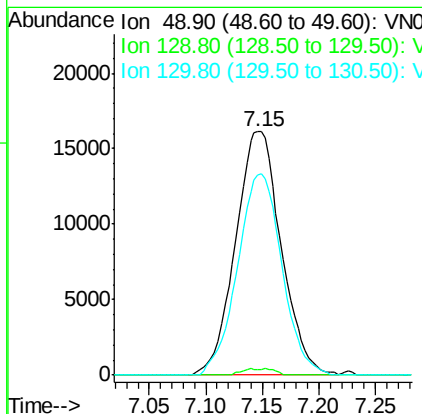
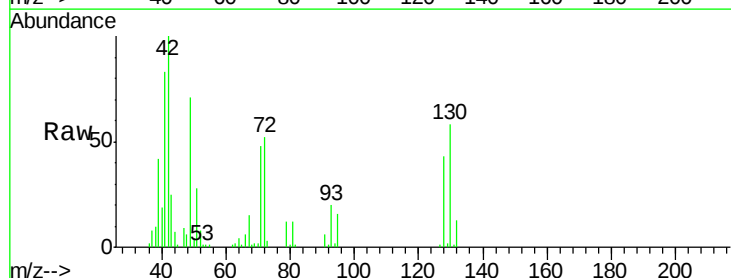
RT: 7.15 min Scan# 1671

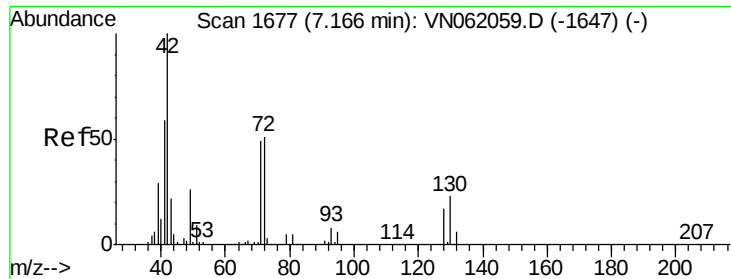
Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Tgt Ion:	49	Resp:	45276
Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	4.4
130	80.4	65.5	98.3





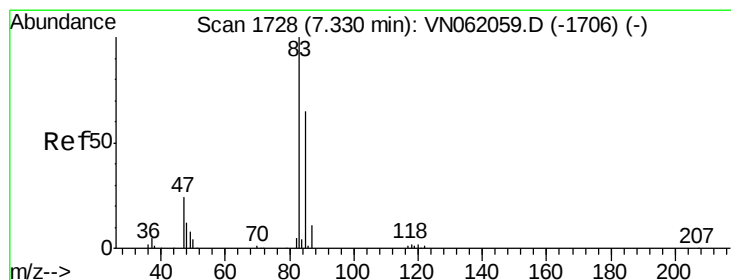
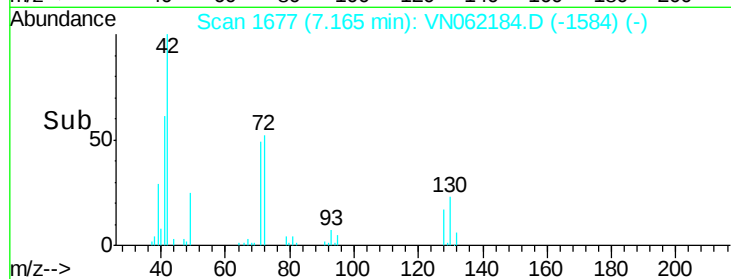
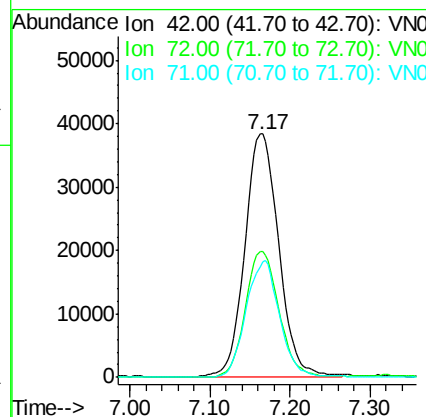
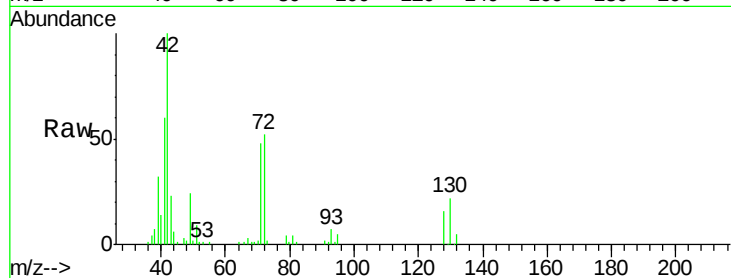
#29
Tetrahydrofuran
Concen: 100.932 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.3	41.1	61.7
71	46.9	38.2	57.4

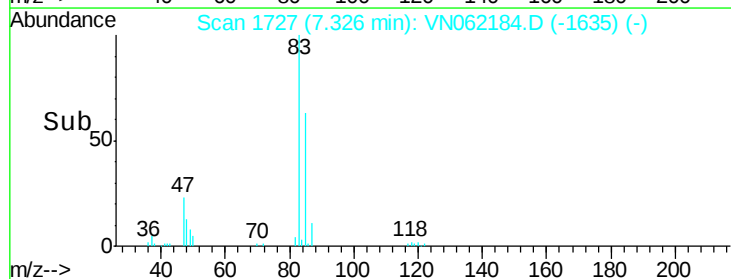
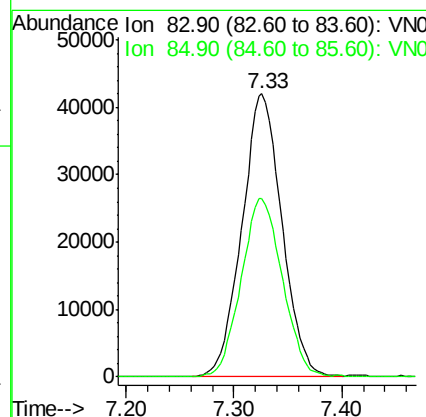
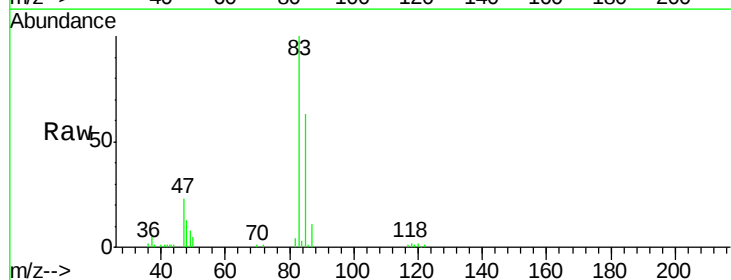
Manual Integrations
APPROVED

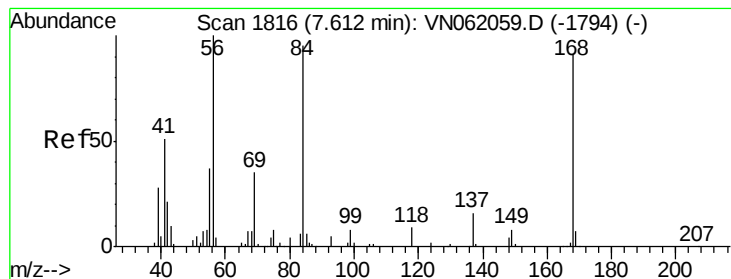
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#30
Chloroform
Concen: 19.086 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.0	52.3	78.5





#31

Cyclohexane

Concen: 19.408 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Instrument :

MSVOA_N

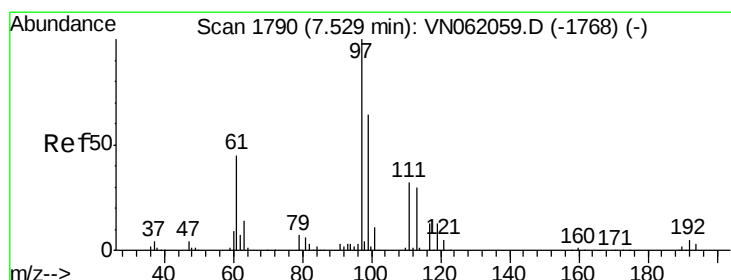
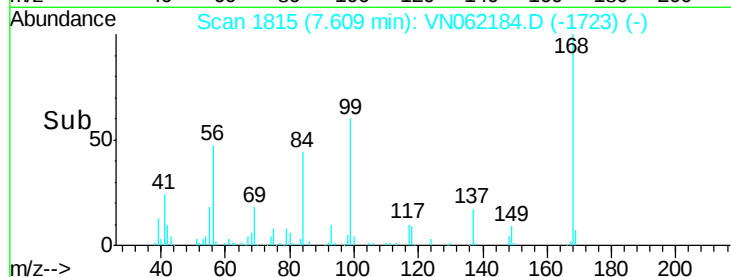
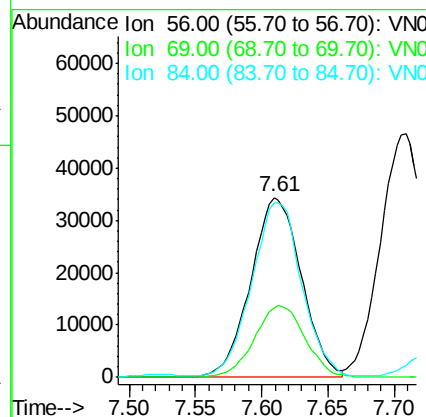
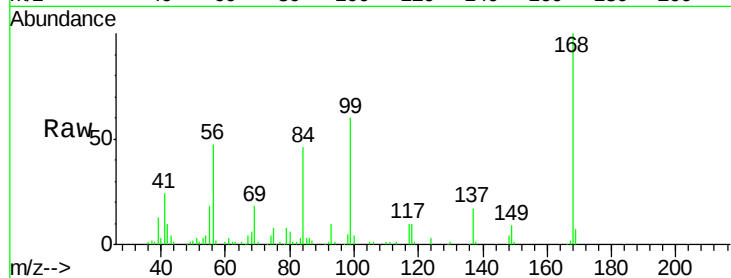
ClientSampleID :

VN0629WBS01

Tot Ion:	56	Resp:	91675
Ion	Ratio	Lower	Upper
56	100		
69	38.9	28.0	42.0
84	95.7	76.1	114.1

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#32

1,1,1-Trichloroethane

Concen: 19.016 ug/l

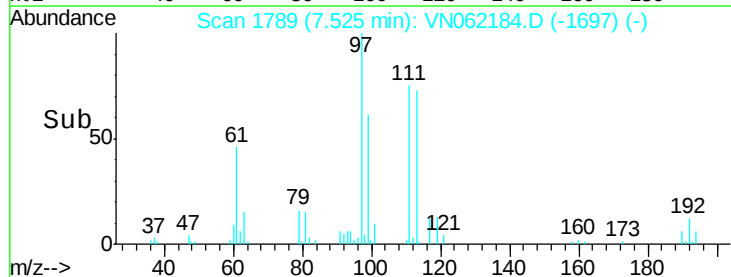
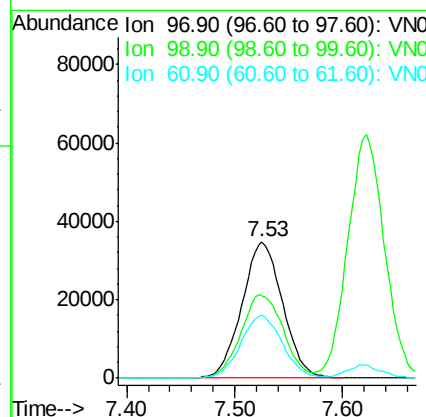
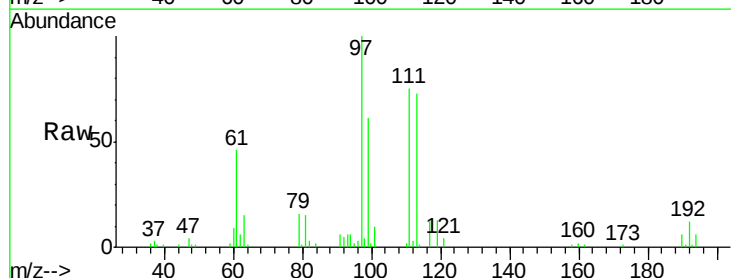
RT: 7.53 min Scan# 1789

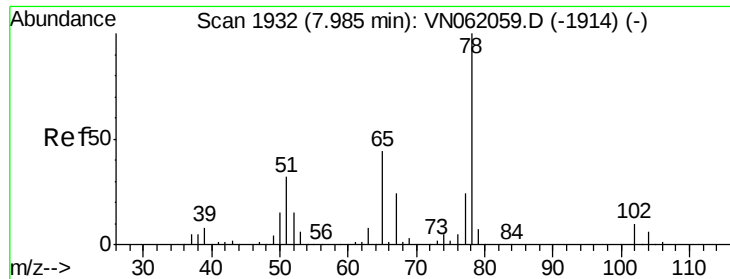
Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Tgt Ion:	97	Resp:	91114
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.0	76.4
61	47.3	36.2	54.2





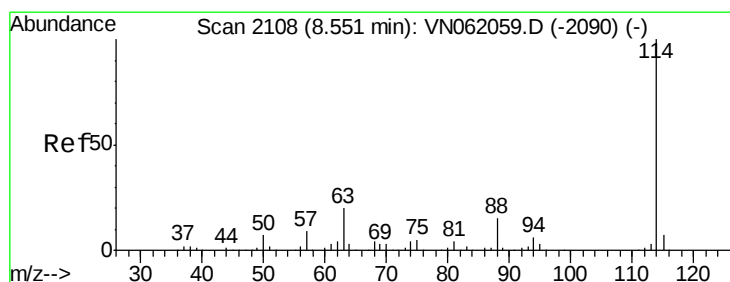
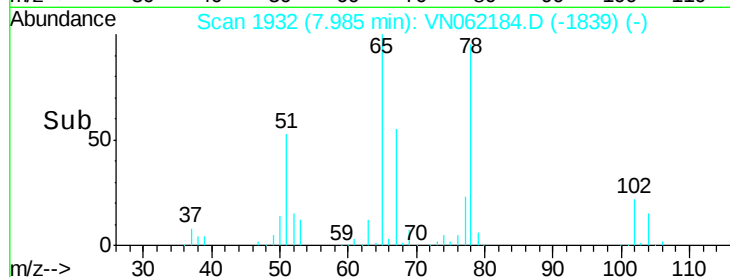
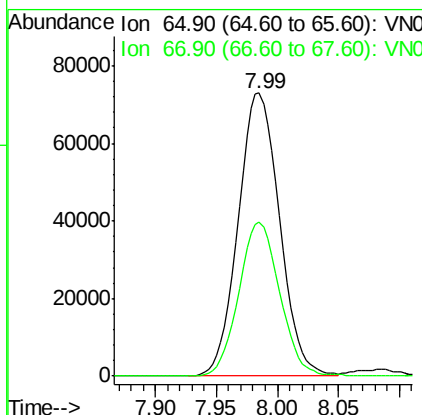
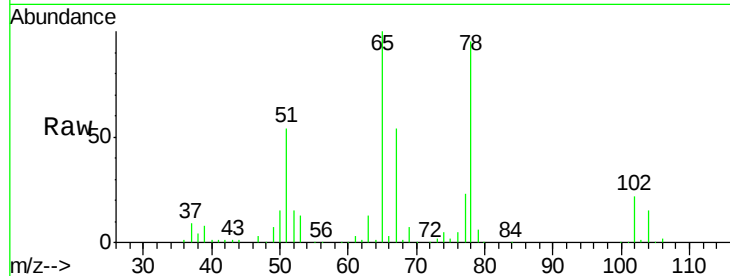
#33
 1,2-Dichloroethane-d4
 Concen: 50.179 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062184.D
 Acq: 29 Jun 2020 13:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	171560		
67	53.7	0.0	106.2	

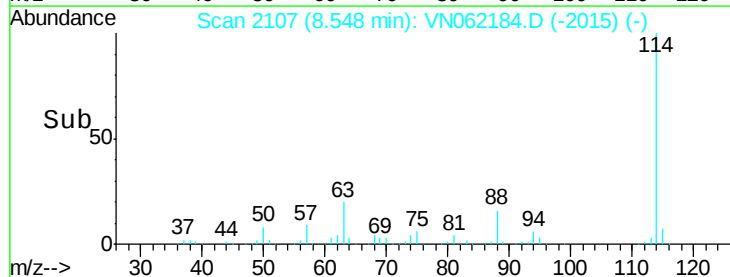
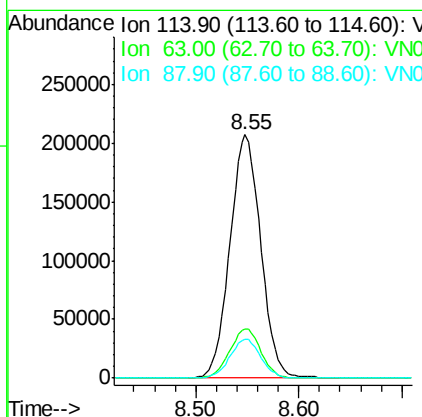
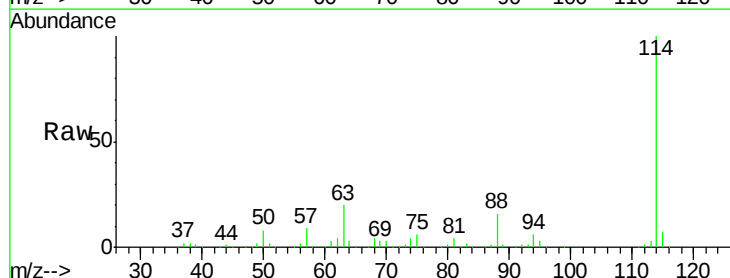
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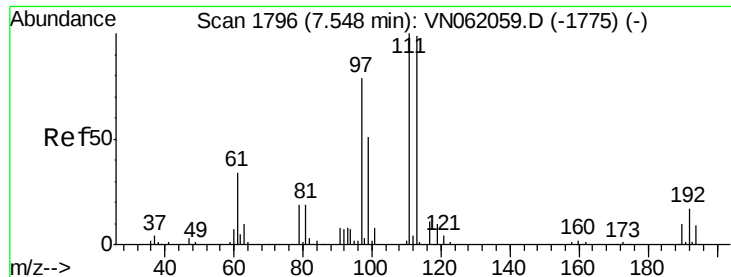
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062184.D
 Acq: 29 Jun 2020 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	431554		
63	20.4	0.0	39.2	
88	16.1	0.0	30.8	





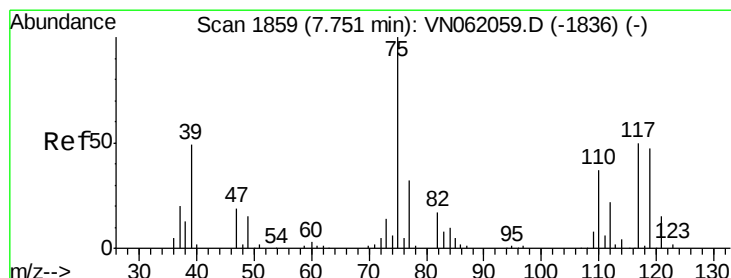
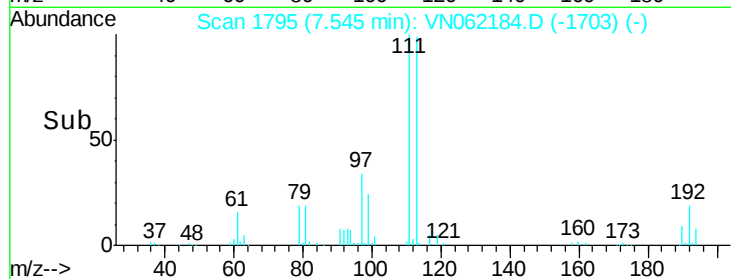
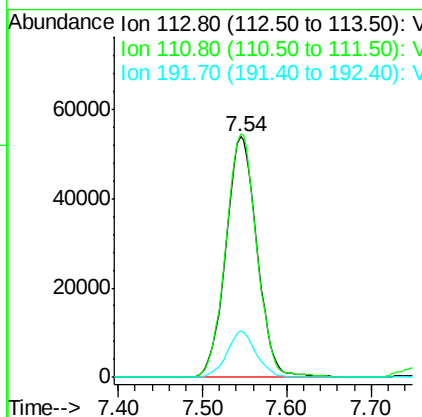
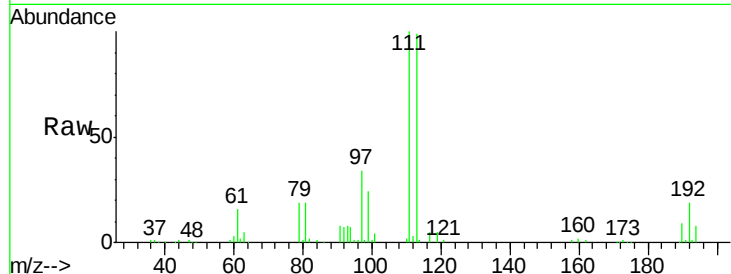
#35
 Dibromofluoromethane
 Concen: 49.911 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN062184.D
 Acq: 29 Jun 2020 13:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	138185		
111	100.6	82.2	123.4	
192	18.0	14.0	21.0	

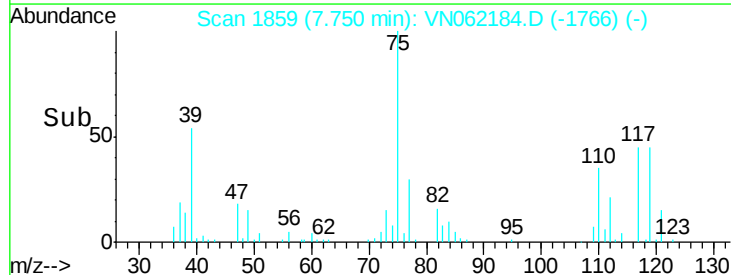
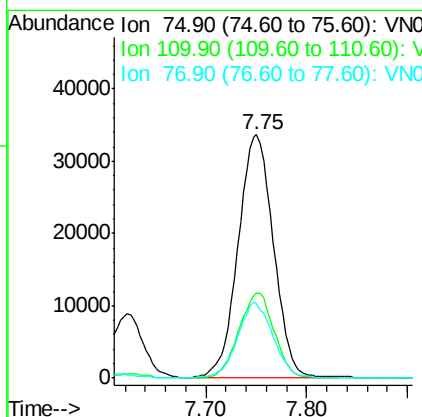
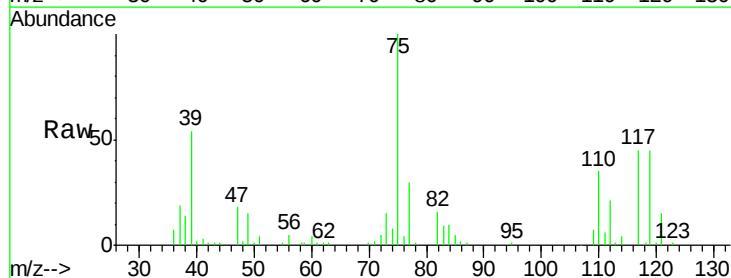
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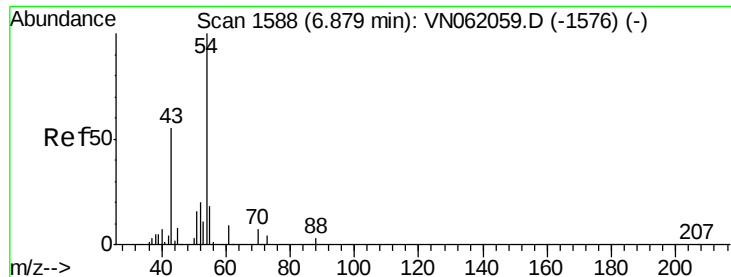
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#36
 1,1-Dichloropropene
 Concen: 18.903 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062184.D
 Acq: 29 Jun 2020 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	81998		
110	34.6	17.9	53.8	
77	31.2	24.9	37.3	





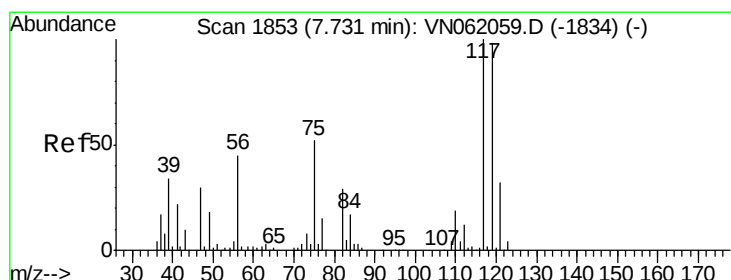
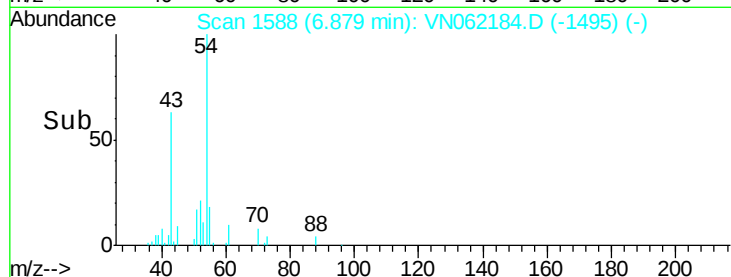
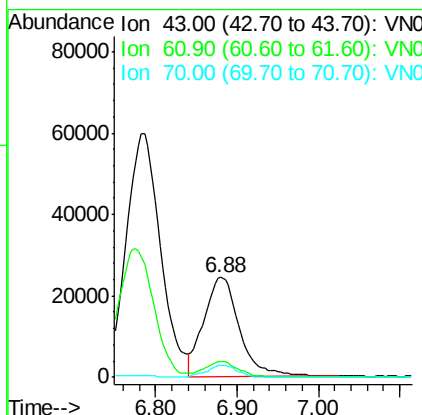
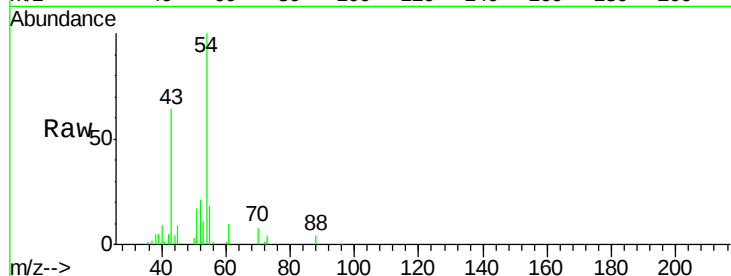
#37
Ethyl Acetate
Concen: 20.882 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Instrument :
MSVOA_N
ClientSampled :
VN0629WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	12.0	18.0
70	10.5	9.6	14.4

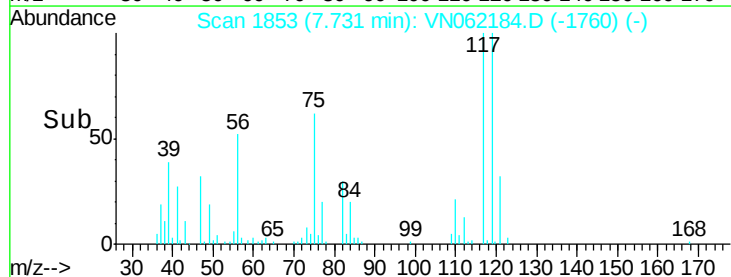
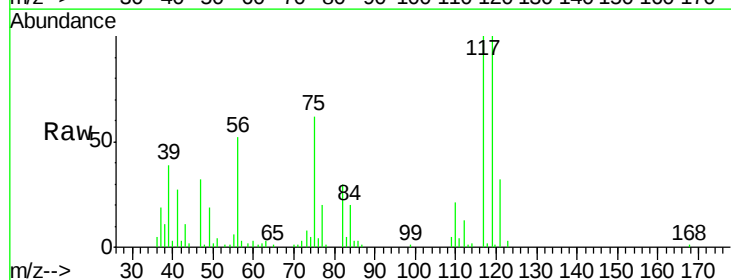
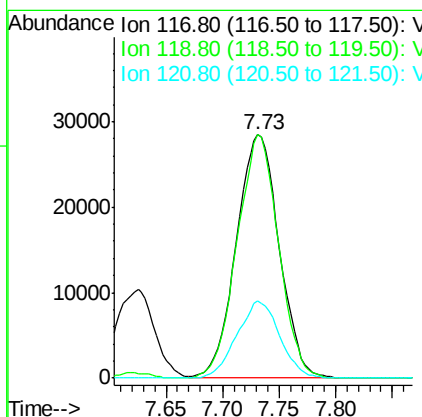
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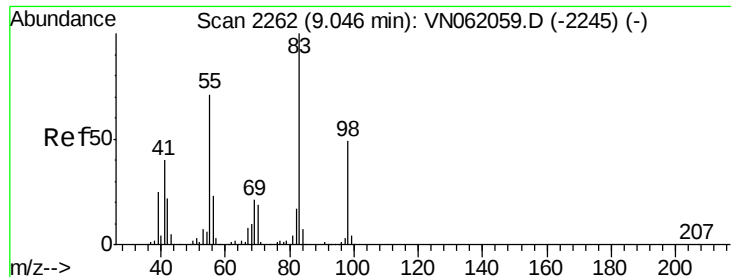
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#38
Carbon Tetrachloride
Concen: 18.324 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.1	78.2	117.2
121	31.5	25.8	38.6





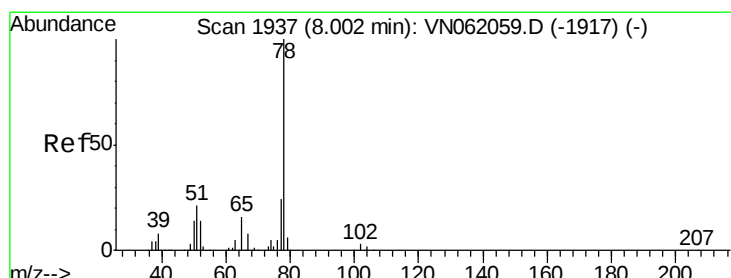
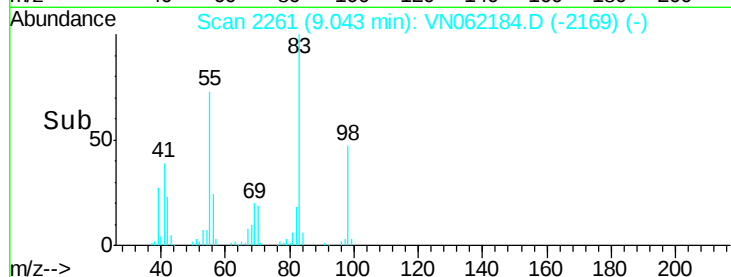
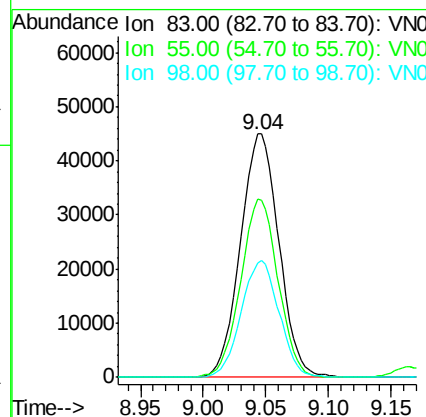
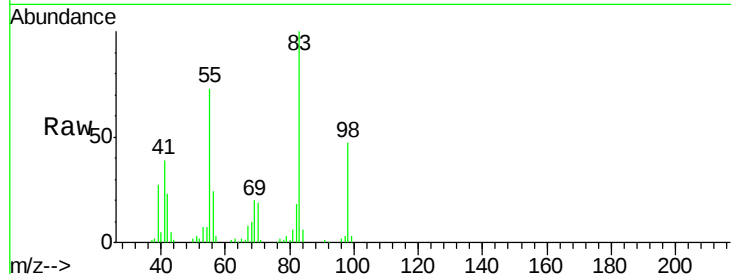
#39
Methvlcvclohexane
Concen: 20.177 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS01

Tot Ion	83	Resp	95898
Ion Ratio	Lower	Upper	
83	100		
55	73.2	57.0	85.6
98	46.9	39.0	58.6

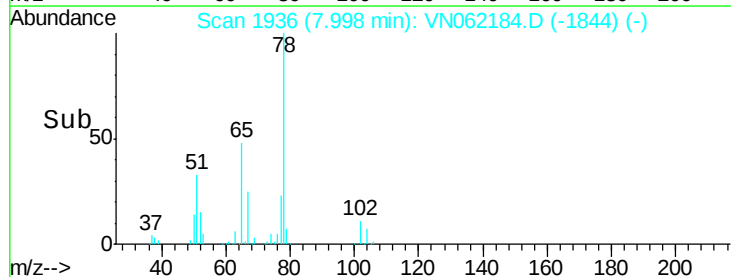
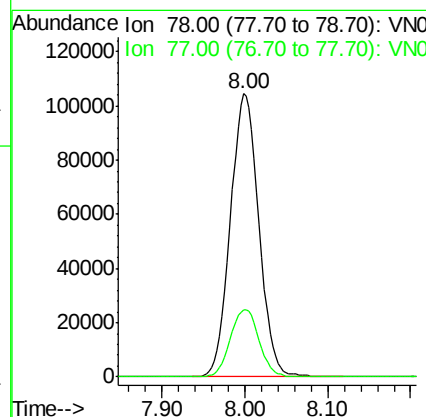
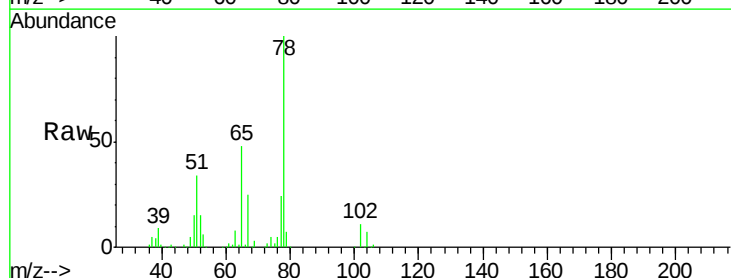
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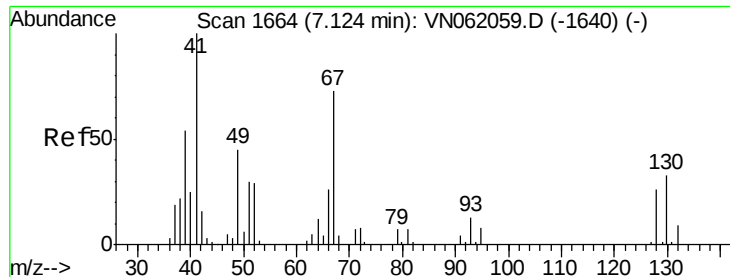
MMDadoda
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#40
Benzene
Concen: 18.889 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Tgt Ion	78	Resp	249743
Ion Ratio	Lower	Upper	
78	100		
77	23.5	19.5	29.3





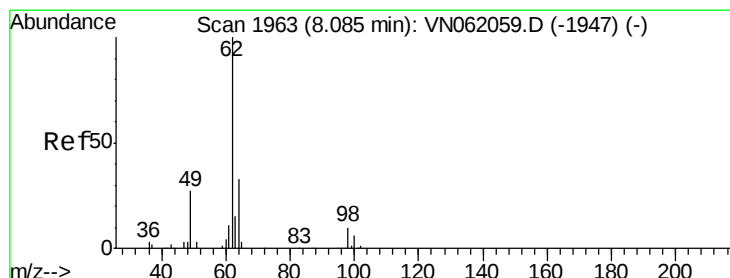
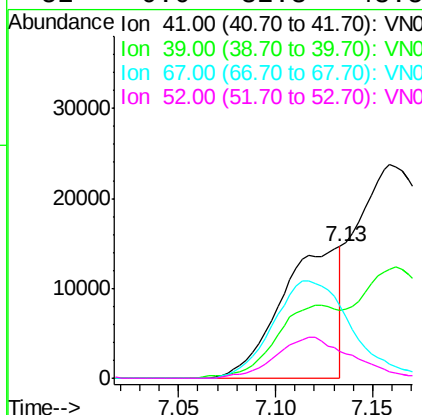
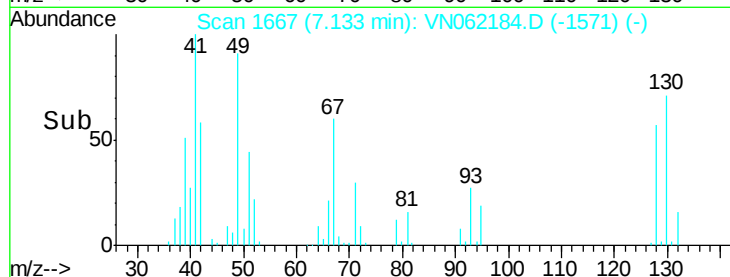
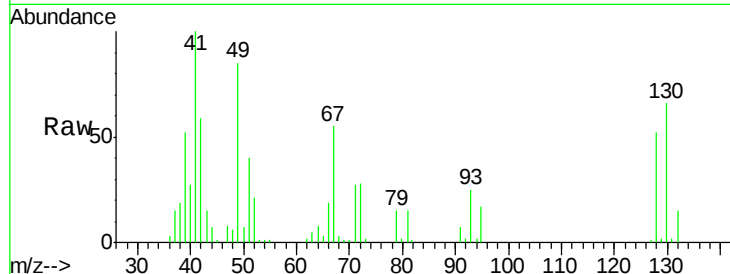
#41
Methacrylonitrile
Concen: 18.671 ug/l m
RT: 7.13 min Scan# 1667
Delta R.T. 0.01 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	102.0	44.2	66.2#
67	0.0	79.5	119.3#
52	0.0	32.3	48.5#

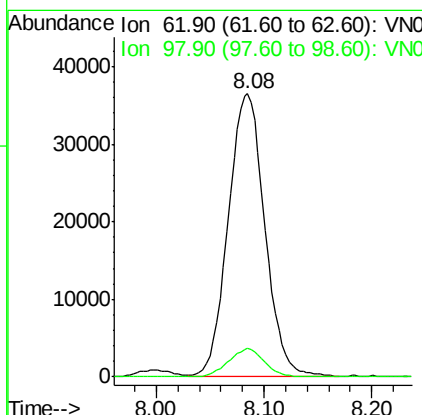
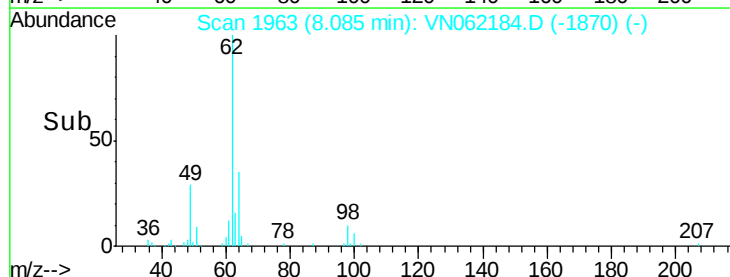
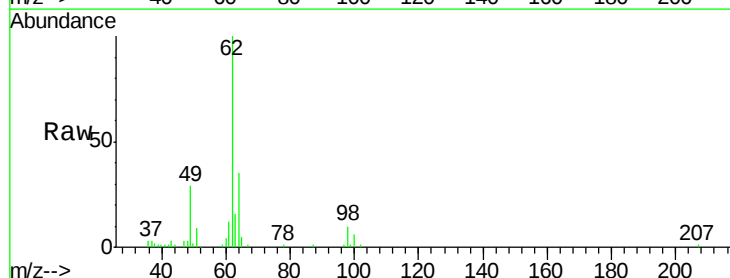
Manual Integrations
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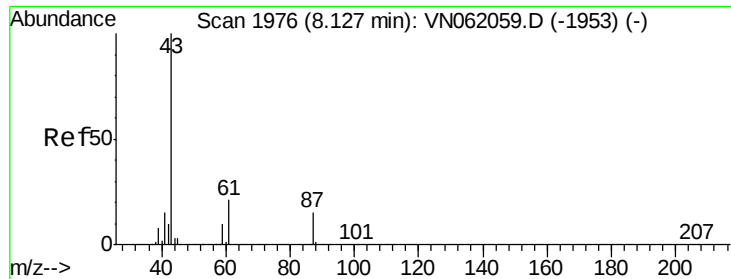
MMDadoda
6/30/2020 10:43:25 AM



#42
1,2-Dichloroethane
Concen: 19.347 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.8





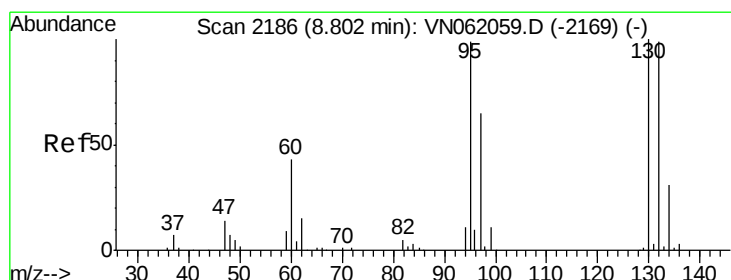
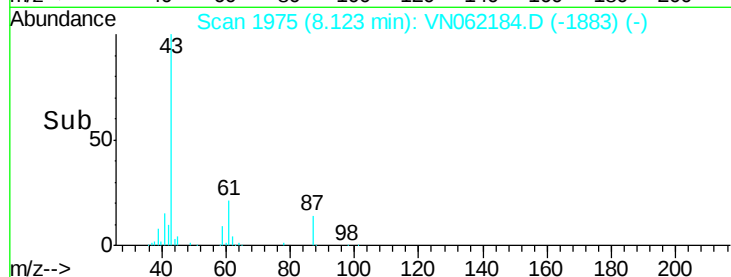
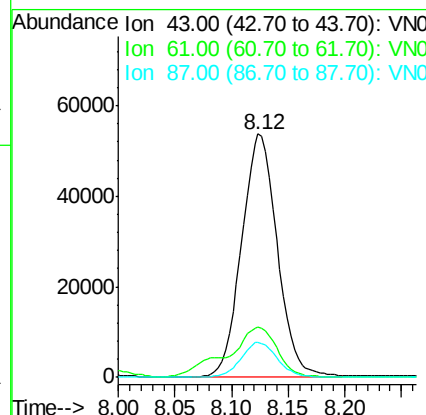
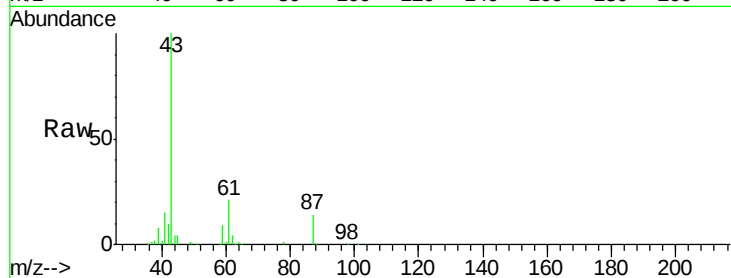
#43
Isopropyl Acetate
Concen: 20.254 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.2	17.2	25.8
87	14.6	12.1	18.1

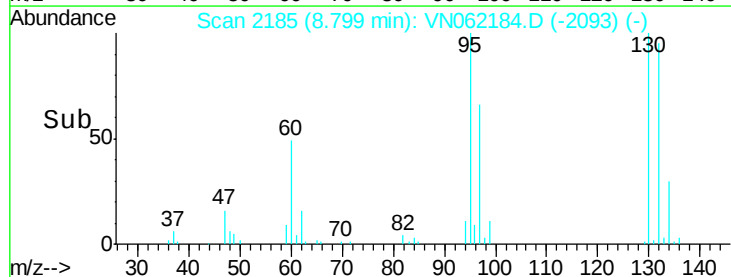
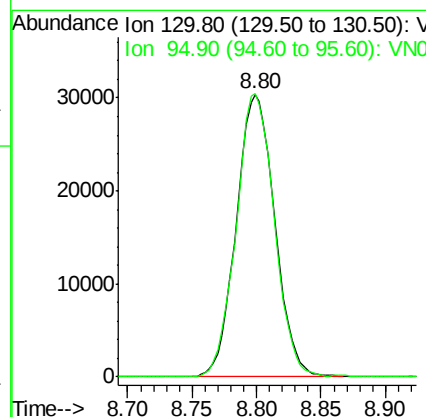
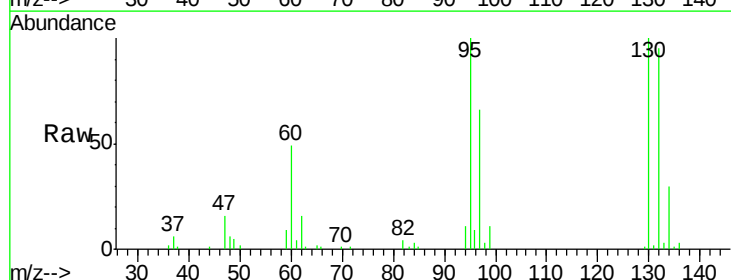
Manual Integrations
APPROVED

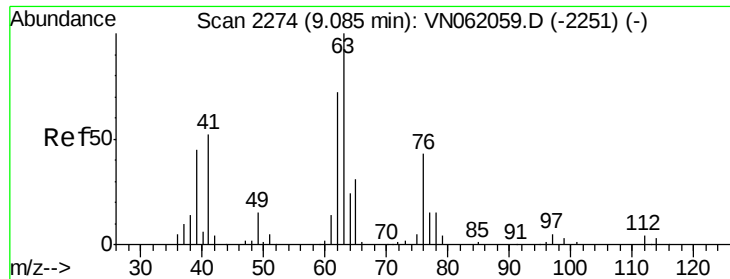
MMDadoda
6/30/2020 10:43:25 AM



#44
Trichloroethene
Concen: 18.890 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.2	0.0	197.8





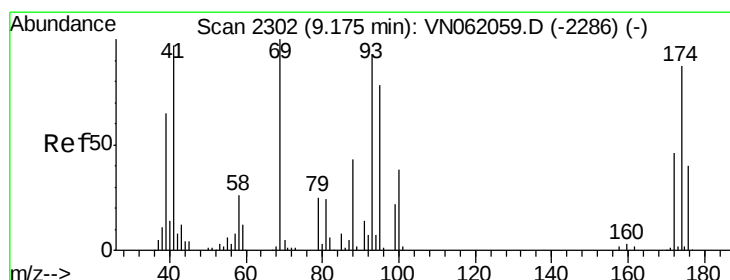
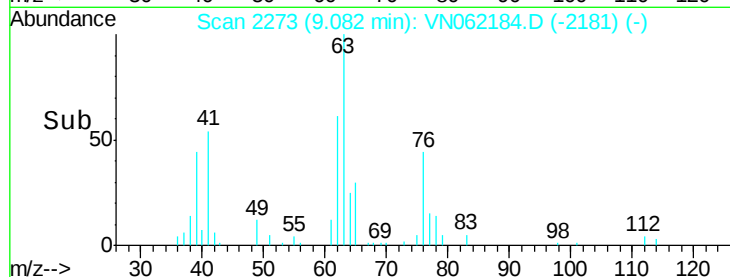
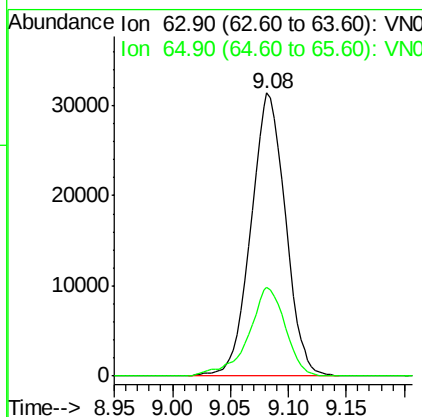
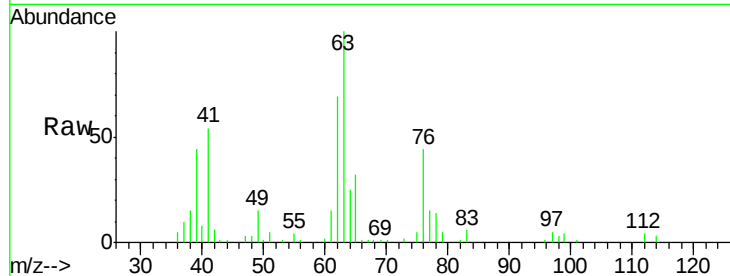
#45
 1,2-Dichloropropane
 Concen: 20.027 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062184.D
 Acq: 29 Jun 2020 13:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS01

Tot Ion: 63 Resp: 65324
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.0 37.4

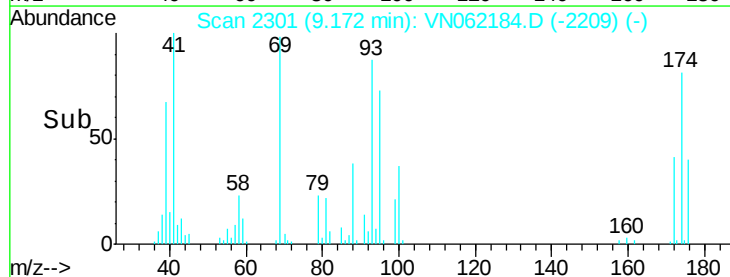
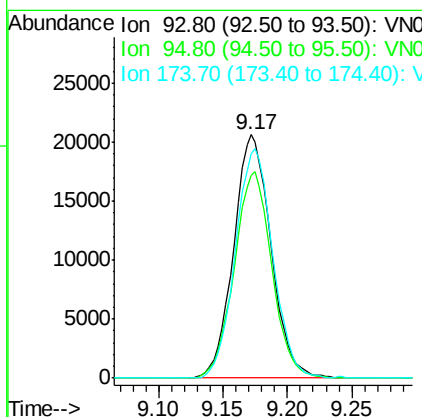
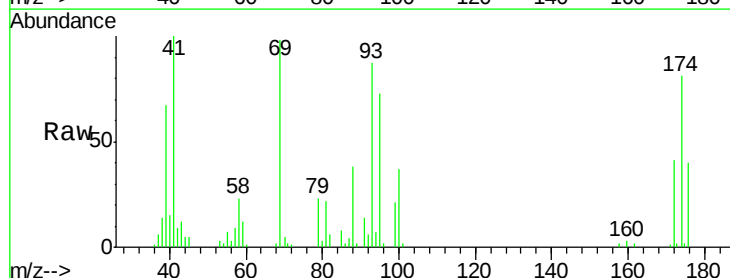
Manual Integrations
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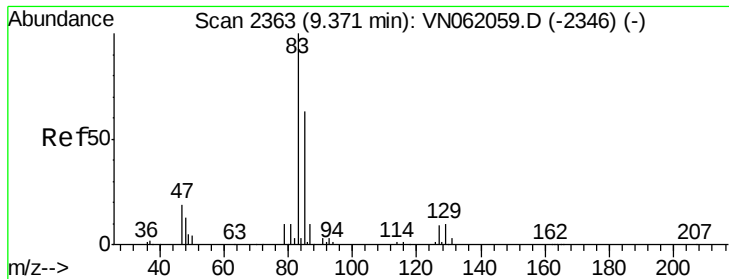
MMDadoda
 6/30/2020 10:43:25 AM



#46
 Dibromomethane
 Concen: 18.839 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062184.D
 Acq: 29 Jun 2020 13:32

Tgt Ion: 93 Resp: 41663
 Ion Ratio Lower Upper
 93 100
 95 84.7 67.0 100.6
 174 94.1 74.4 111.6





#47

Bromodichloromethane

Concen: 19.335 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Instrument :

MSVOA_N

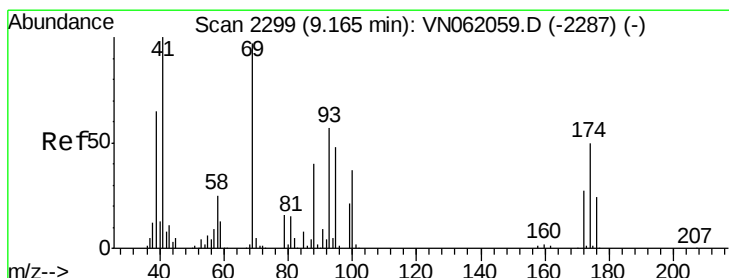
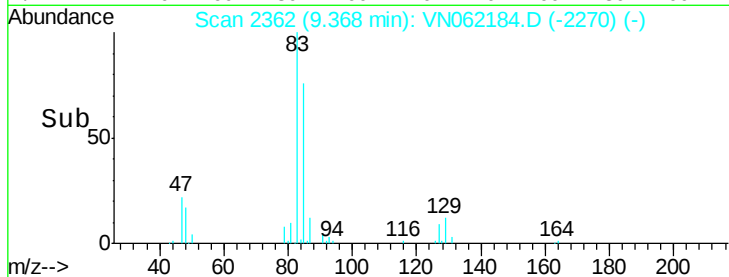
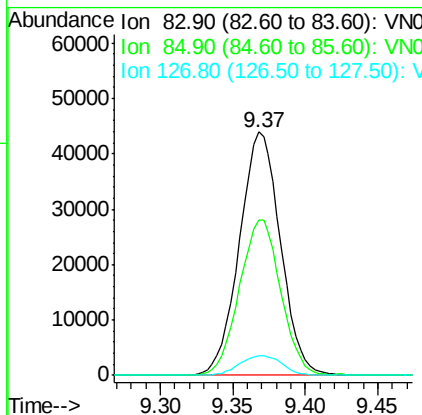
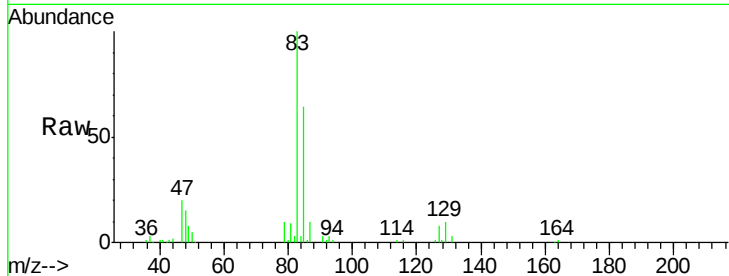
ClientSampleId :

VN0629WBS01

Tot Ion:	83	Resp:	86335
Ion Ratio	Lower	Upper	
83	100		
85	63.8	50.3	75.5
127	7.9	6.9	10.3

Manual Integrations
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MMDadoda
6/30/2020 10:43:25 AM



#48

Methyl methacrylate

Concen: 19.311 ug/l

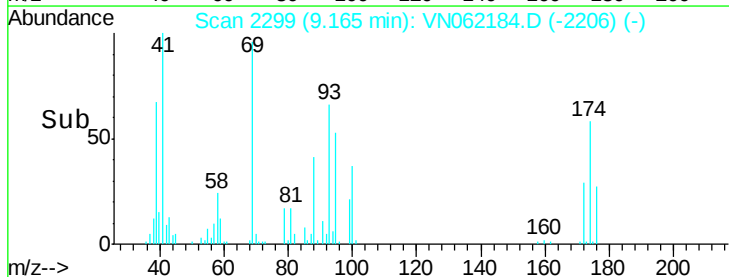
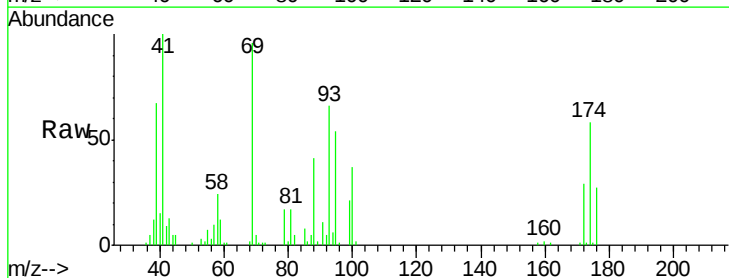
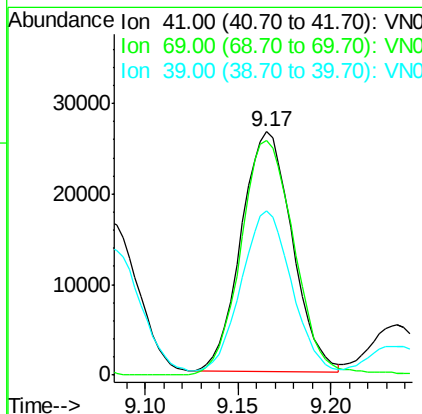
RT: 9.17 min Scan# 2299

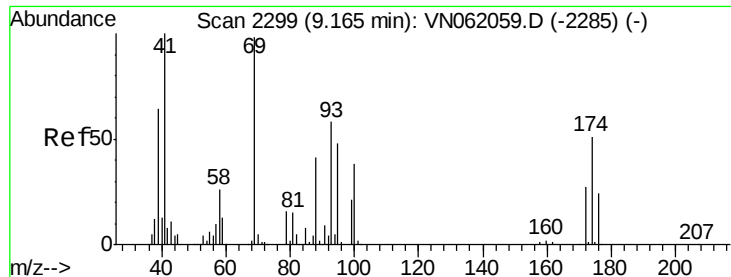
Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Tgt Ion:	41	Resp:	50699
Ion Ratio	Lower	Upper	
41	100		
69	102.7	80.7	121.1
39	65.4	54.5	81.7





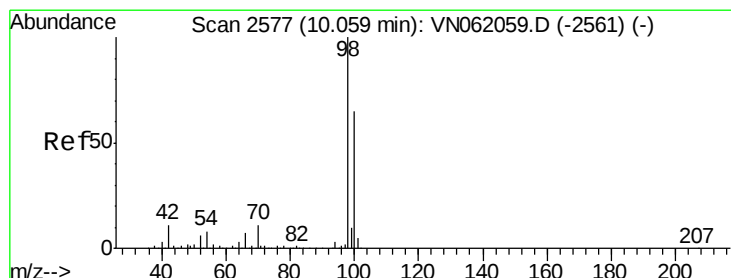
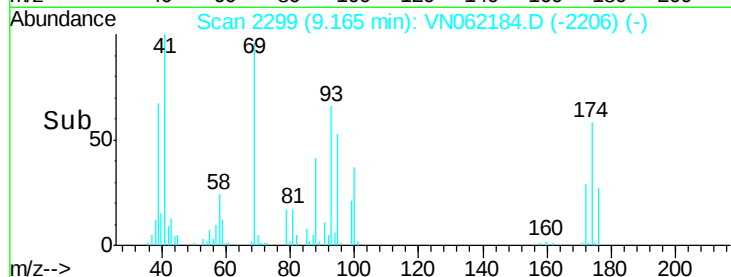
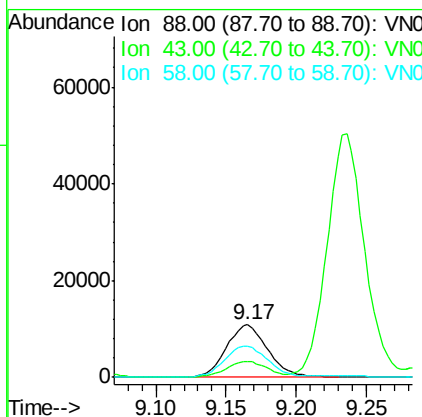
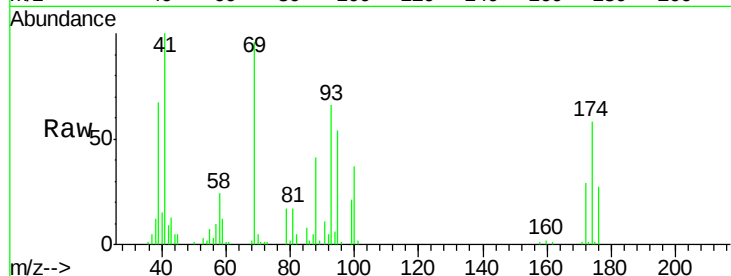
#49
1,4-Dioxane
Concen: 384.447 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS01

Tot Ion	88	Resp	22383
Ion Ratio	Lower	Upper	
88	100		
43	30.8	22.0	33.0
58	62.4	49.2	73.8

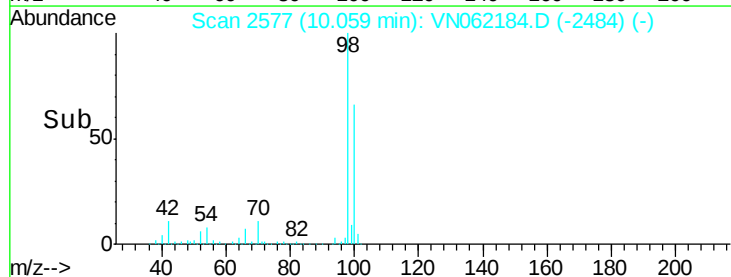
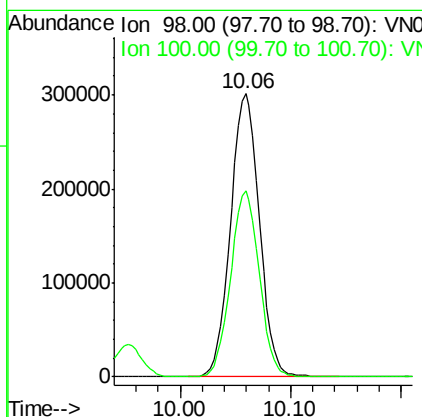
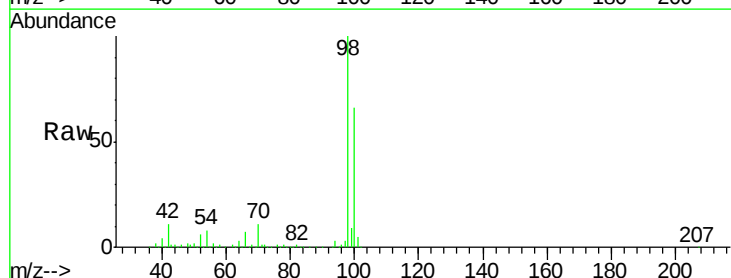
Manual Integrations
APPROVED

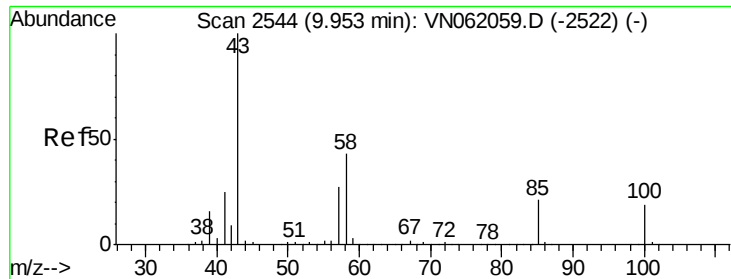
MMDadoda
6/30/2020 10:43:25 AM



#50
Toluene-d8
Concen: 49.415 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Tgt Ion	98	Resp	546880
Ion Ratio	Lower	Upper	
98	100		
100	65.0	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 103.812 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Instrument :

MSVOA_N

ClientSampled :

VN0629WBS01

Tot Ion: 43 Resp: 355145

Ion Ratio Lower Upper

43 100

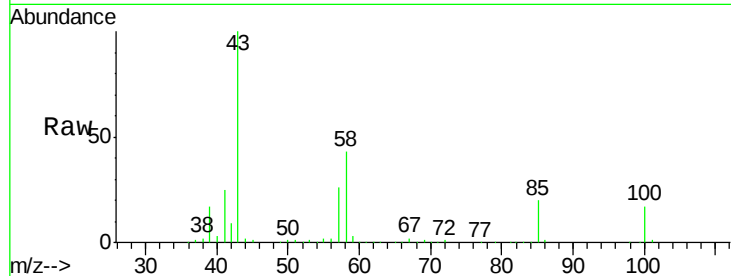
58 42.6 34.2 51.2

Manual Integrations

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MMDadoda

6/30/2020 10:43:25 AM



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-2522) (-)

Ion 58.00 (57.70 to 58.70): VN062059.D (-2522) (-)

9.95

200000

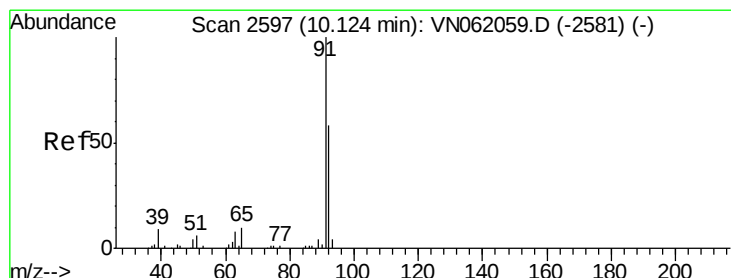
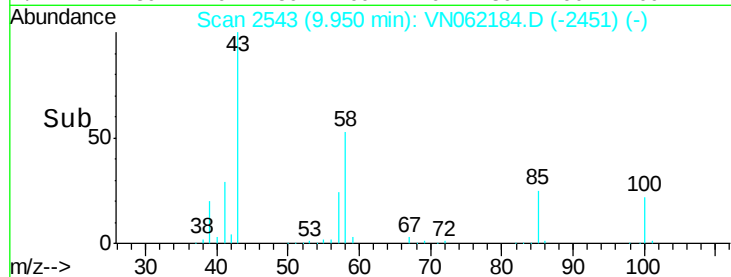
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.559 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062184.D

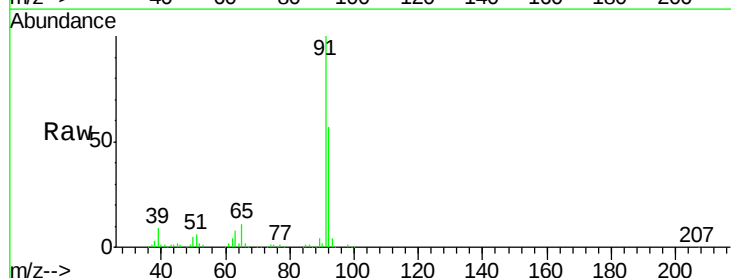
Acq: 29 Jun 2020 13:32

Tgt Ion: 92 Resp: 157784

Ion Ratio Lower Upper

92 100

91 174.2 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VN062059.D (-2581) (-)

Ion 91.00 (90.70 to 91.70): VN062059.D (-2581) (-)

10.12

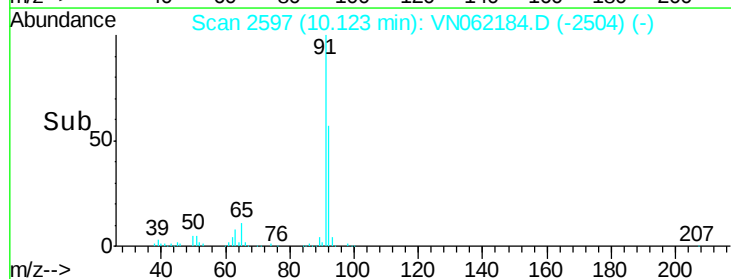
150000

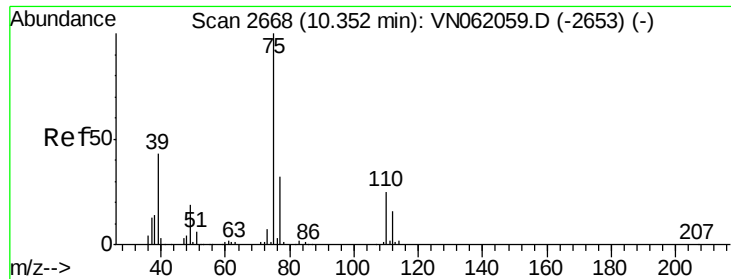
100000

50000

0

Time-->





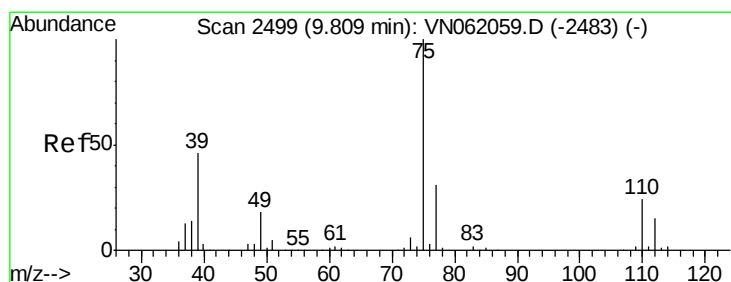
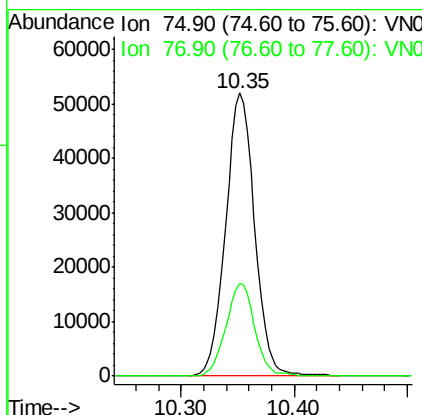
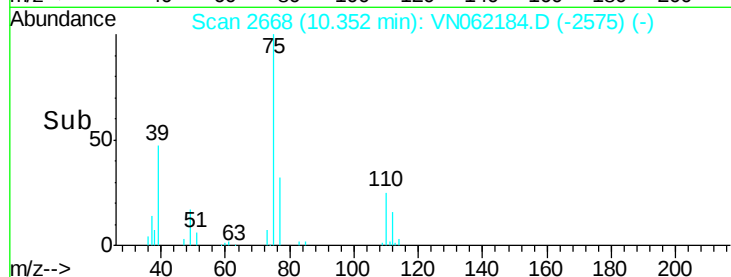
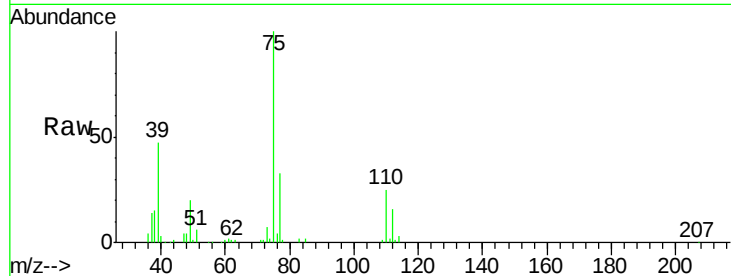
#53
t-1,3-Dichloropropene
Concen: 18.871 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS01

Tot Ion: 75 Resp: 92709
Ion Ratio Lower Upper
75 100
77 32.9 25.5 38.3

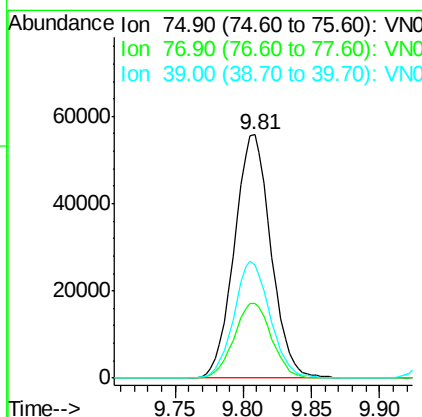
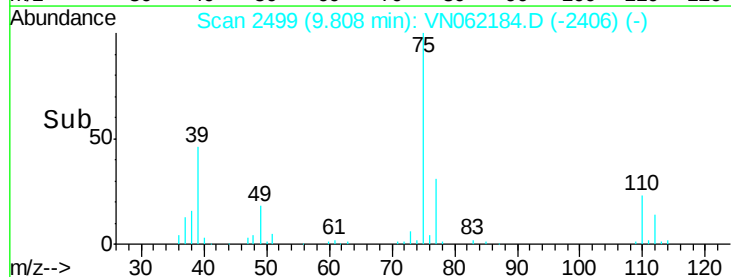
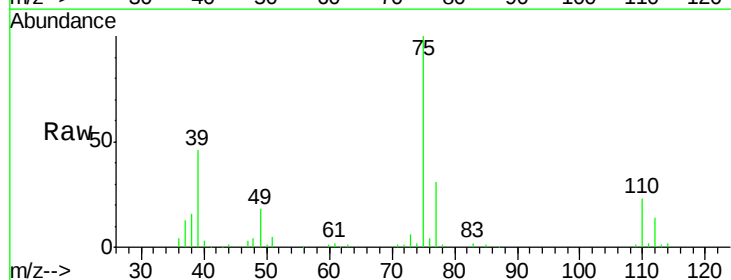
Manual Integrations
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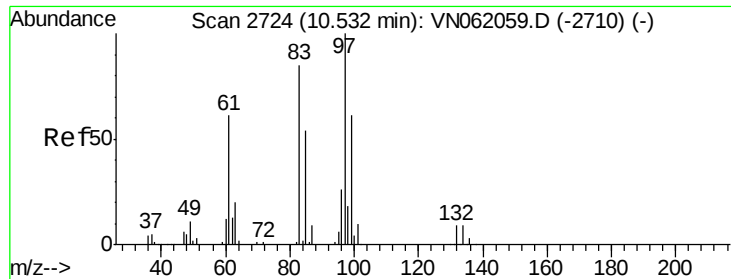
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 19.873 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Tgt Ion: 75 Resp: 103941
Ion Ratio Lower Upper
75 100
77 30.7 25.0 37.6
39 46.4 36.9 55.3





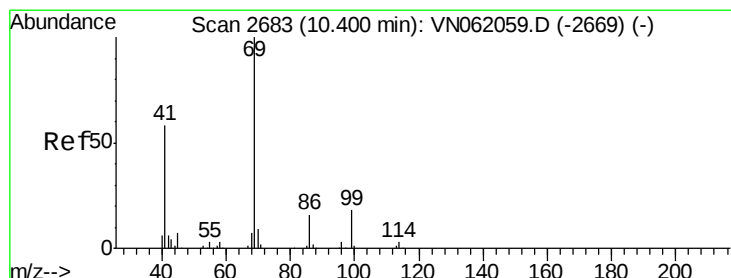
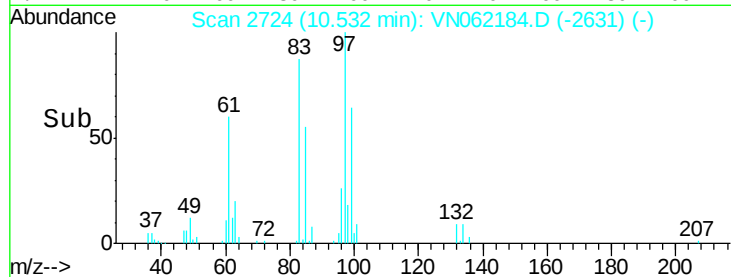
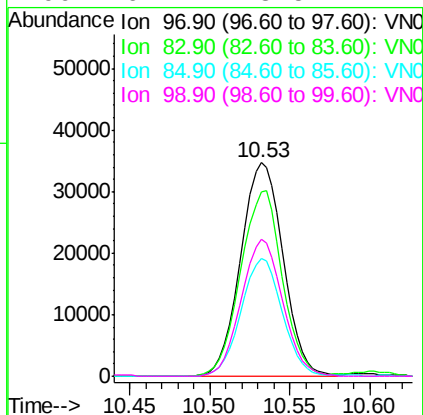
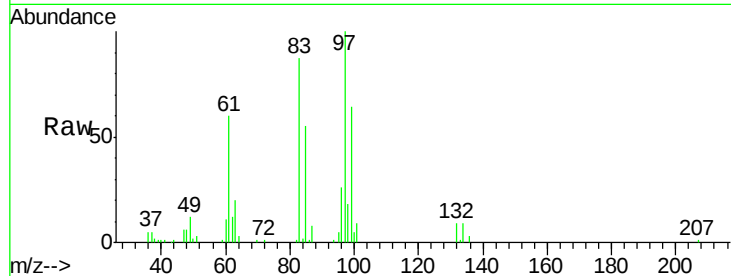
#55
 1,1,2-Trichloroethane
 Concen: 19.843 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062184.D
 Acq: 29 Jun 2020 13:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	86.5	68.2	102.2
85	54.9	43.2	64.8
99	64.1	48.5	72.7

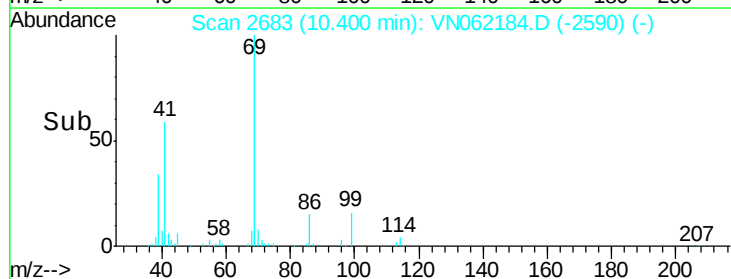
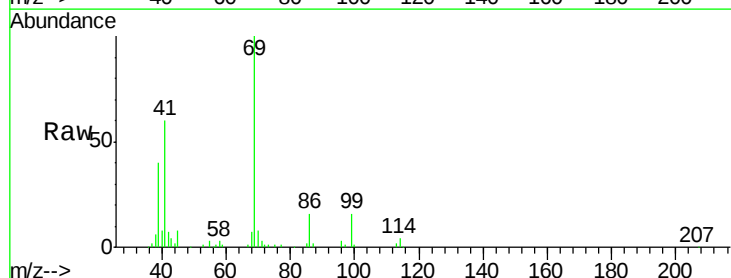
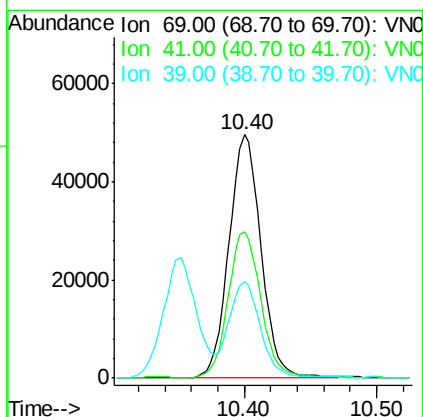
Manual Integrations
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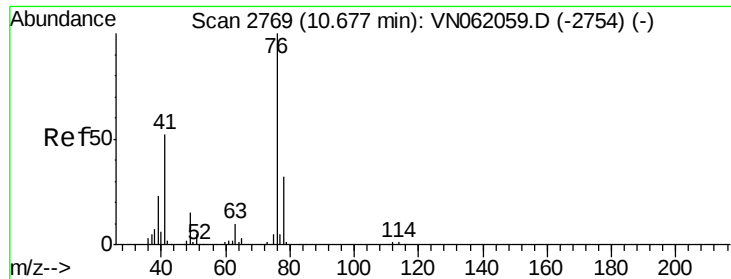
MMDadoda
 6/30/2020 10:43:25 AM



#56
 Ethyl methacrylate
 Concen: 19.777 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062184.D
 Acq: 29 Jun 2020 13:32

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.9	46.6	70.0
39	37.9	31.0	46.4





#57

1,3-Dichloropropane

Concen: 19.615 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBS01

Tot Ion: 76 Resp: 107065

Ion Ratio Lower Upper

76 100

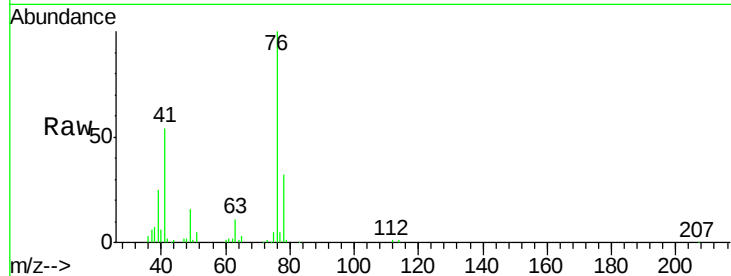
78 32.2 25.8 38.8

Manual Integrations

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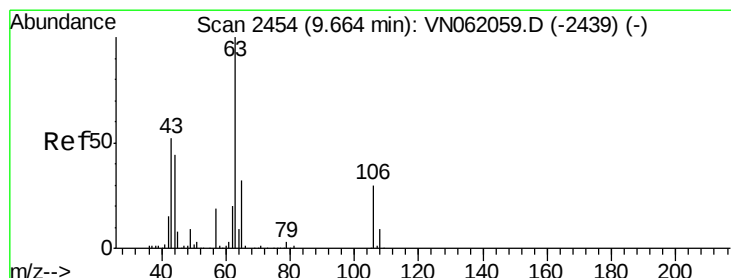
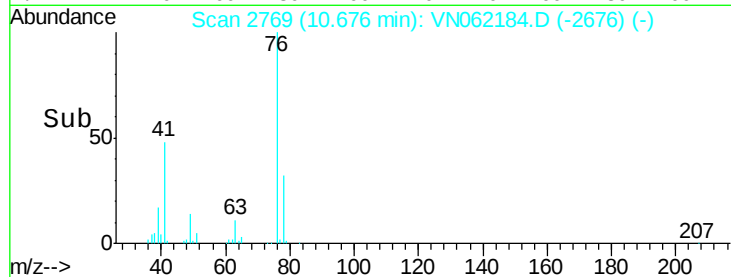
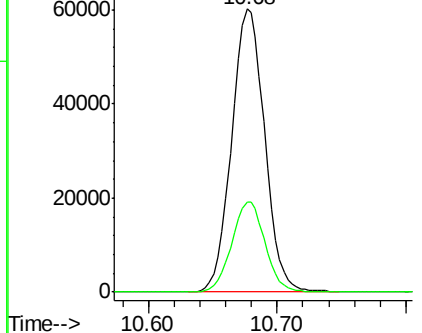
MMDadoda

6/30/2020 10:43:25 AM



Abundance Ion 75.90 (75.60 to 76.60): VN062184.D (-2676) (-)

Ion 77.90 (77.60 to 78.60): VN062184.D (-2676) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 99.014 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN062184.D

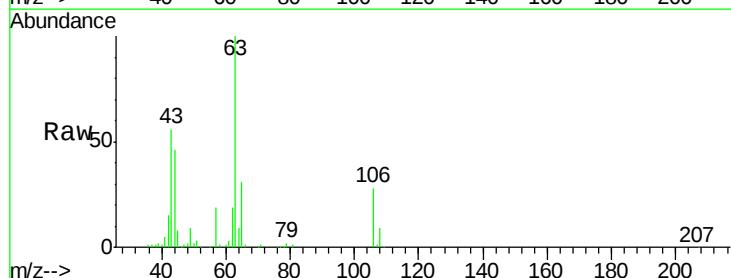
Acq: 29 Jun 2020 13:32

Tgt Ion: 63 Resp: 159671

Ion Ratio Lower Upper

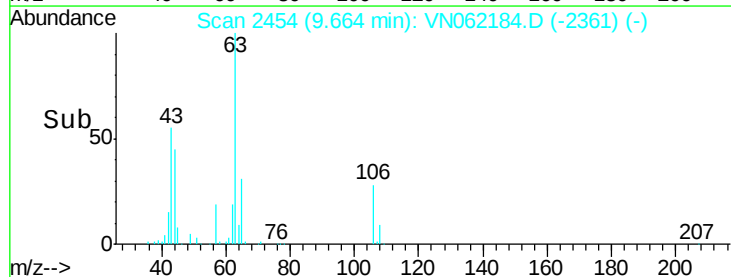
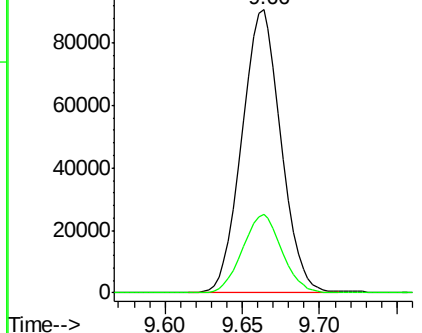
63 100

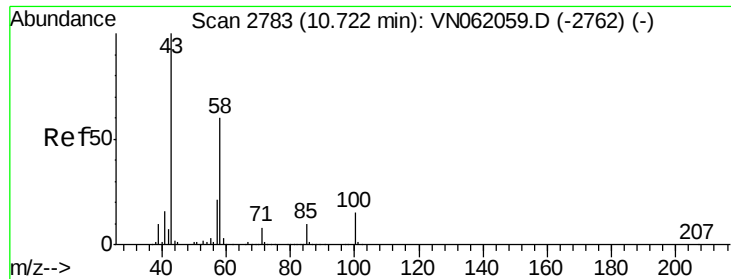
106 27.8 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VN062184.D (-2361) (-)

Ion 105.90 (105.60 to 106.60): VN062184.D (-2361) (-)





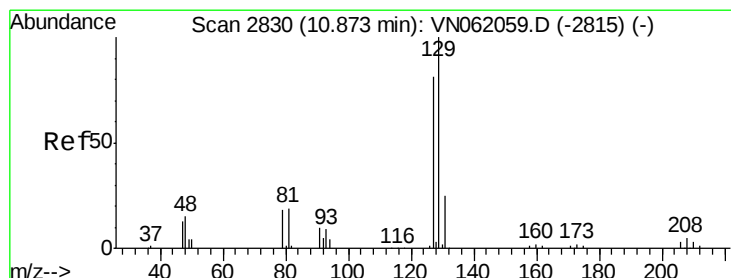
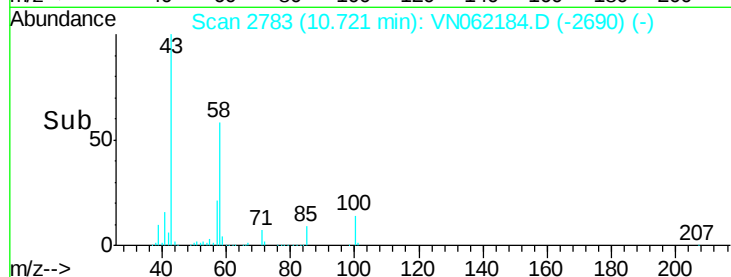
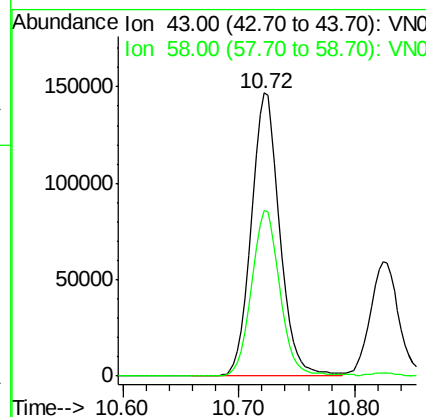
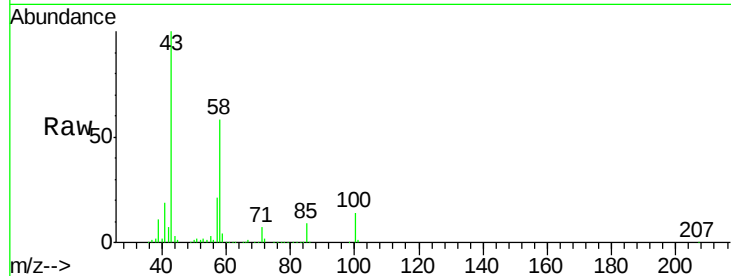
#59
2-Hexanone
Concen: 102.201 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS01

Tot Ion: 43 Resp: 252470
Ion Ratio Lower Upper
43 100
58 58.3 29.5 88.5

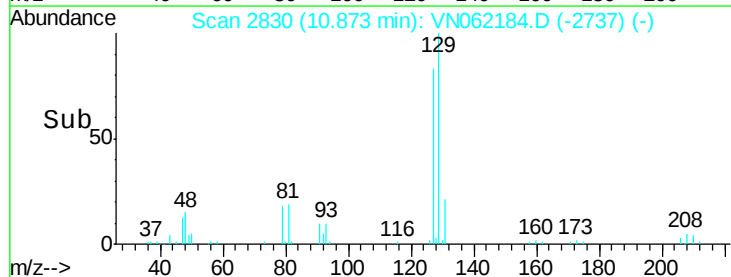
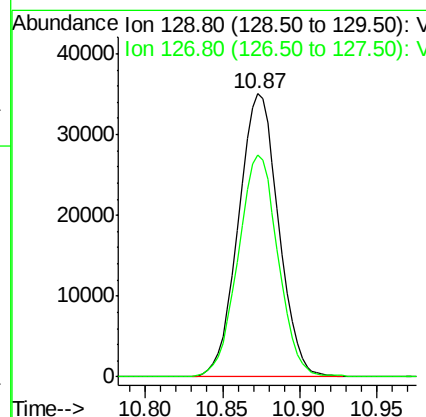
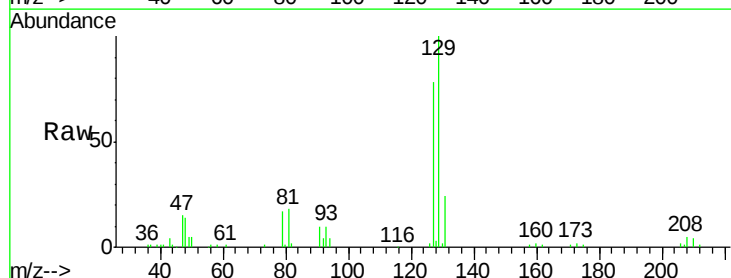
Manual Integrations
APPROVED

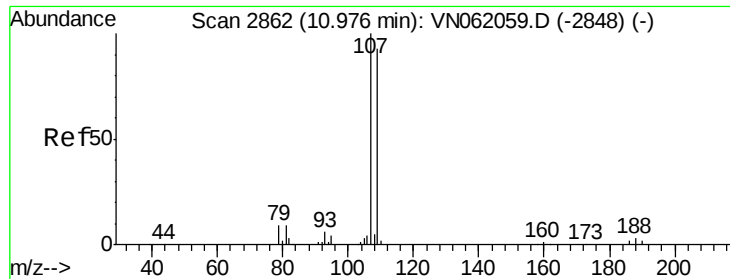
MMDadoda
6/30/2020 10:43:25 AM



#60
Dibromochloromethane
Concen: 18.783 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Tgt Ion: 129 Resp: 63059
Ion Ratio Lower Upper
129 100
127 78.2 39.5 118.5





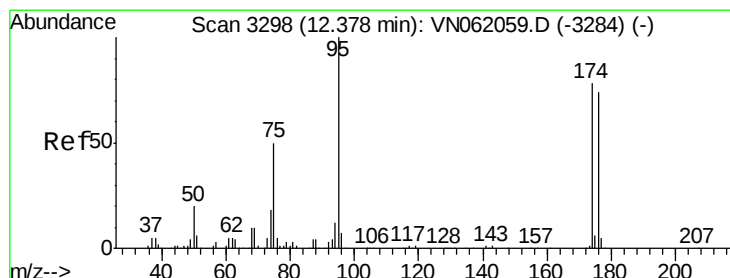
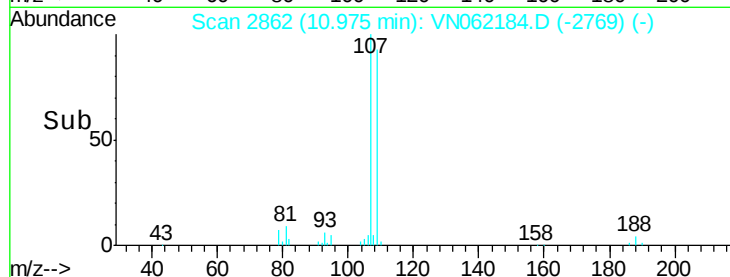
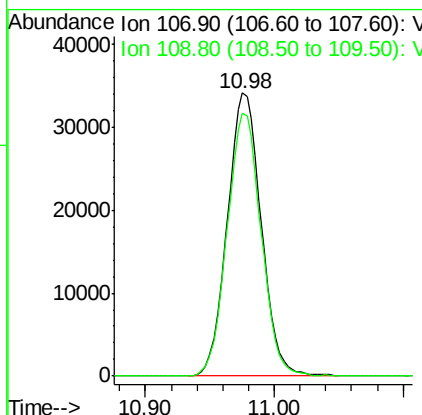
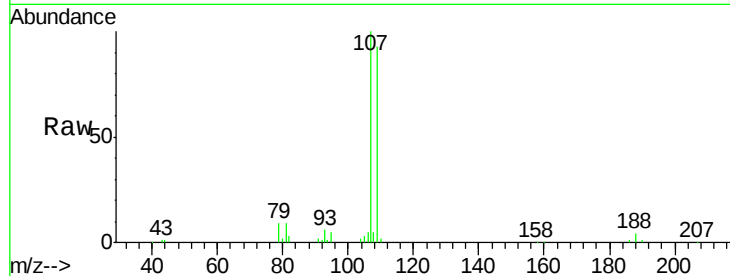
#61
 1,2-Dibromoethane
 Concen: 19.029 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062184.D
 Acq: 29 Jun 2020 13:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.1	75.0	112.6

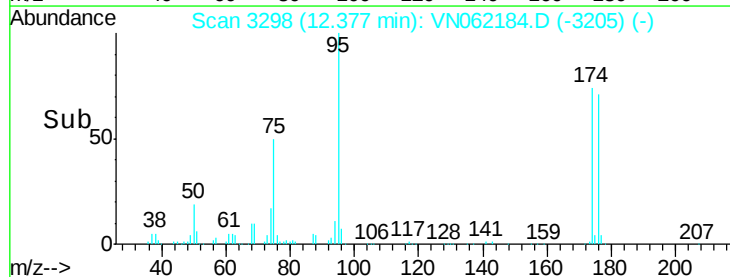
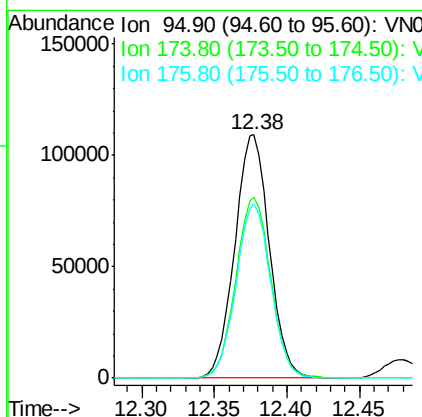
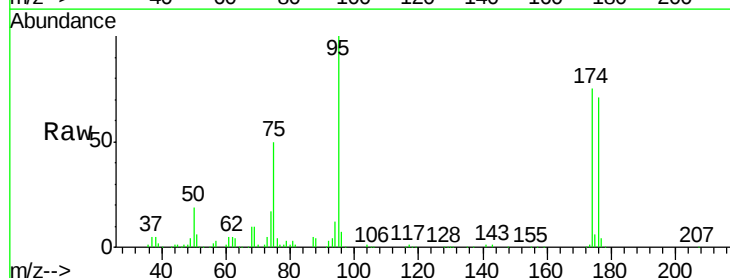
Manual Integrations
 APPROVED

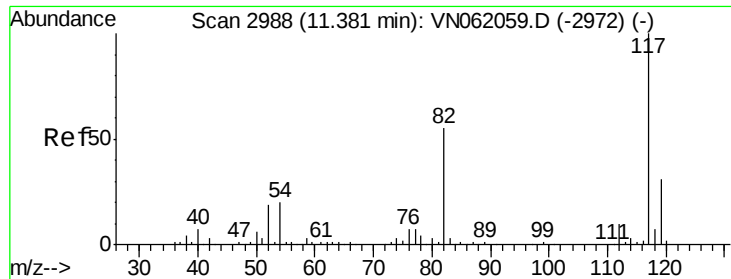
MMDadoda
 6/30/2020 10:43:25 AM



#62
 4-Bromofluorobenzene
 Concen: 48.589 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062184.D
 Acq: 29 Jun 2020 13:32

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.0	0.0	154.8
176	71.5	0.0	147.4





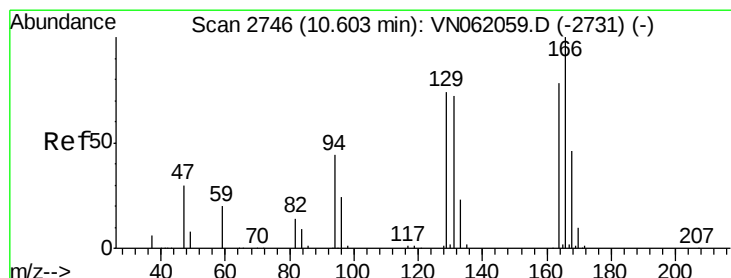
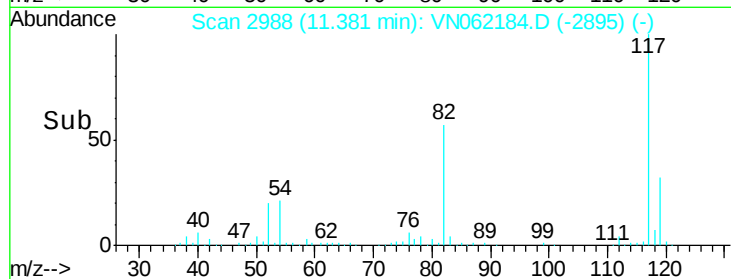
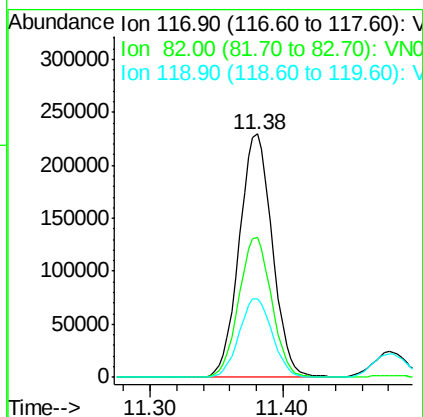
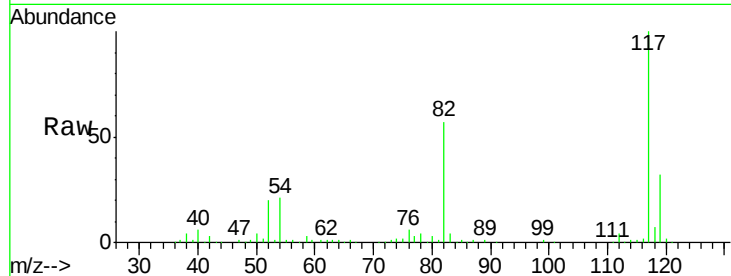
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.3	43.8	65.8
119	32.5	25.2	37.8

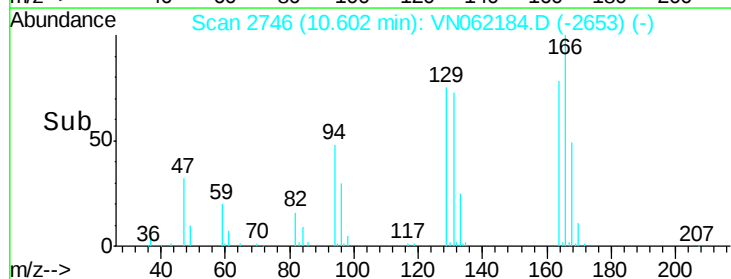
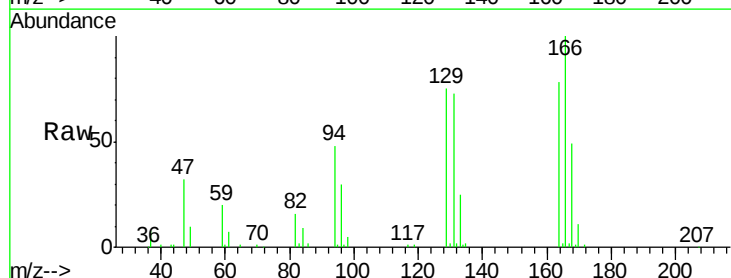
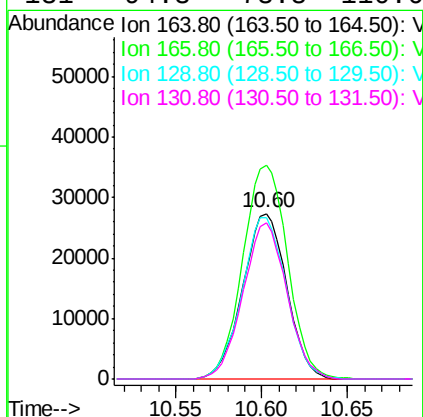
Manual Integrations
APPROVED

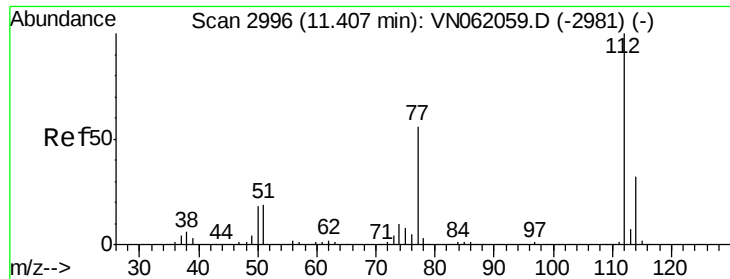
MMDadoda
6/30/2020 10:43:25 AM



#64
Tetrachloroethene
Concen: 17.861 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.0	102.9	154.3
129	97.4	75.8	113.8
131	94.3	73.8	110.6





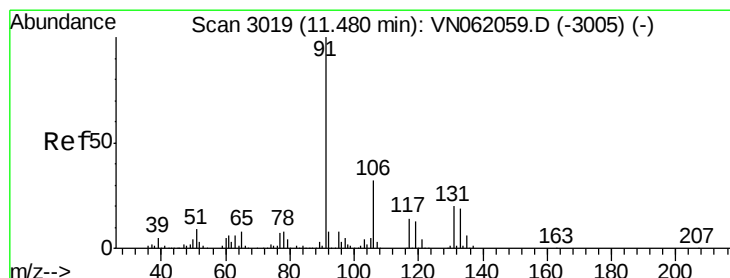
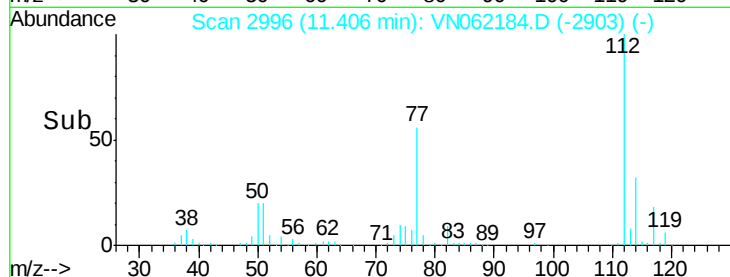
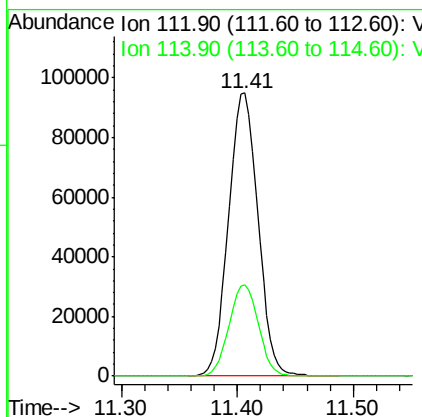
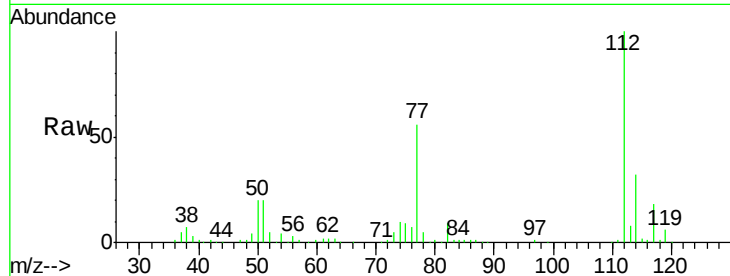
#65
Chlorobenzene
Concen: 19.052 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS01

Tot Ion:112 Resp: 166552
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.8

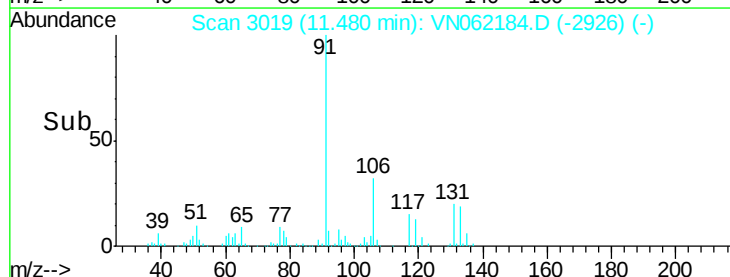
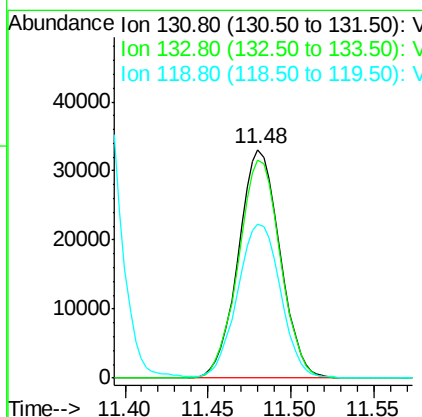
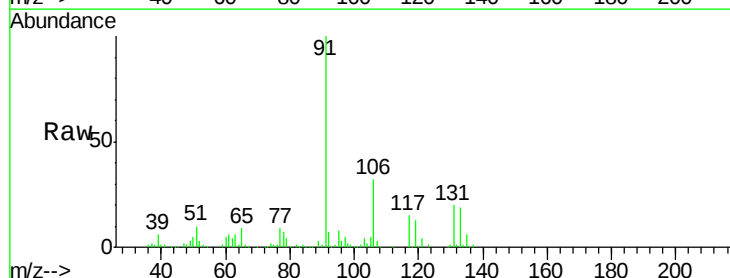
Manual Integrations
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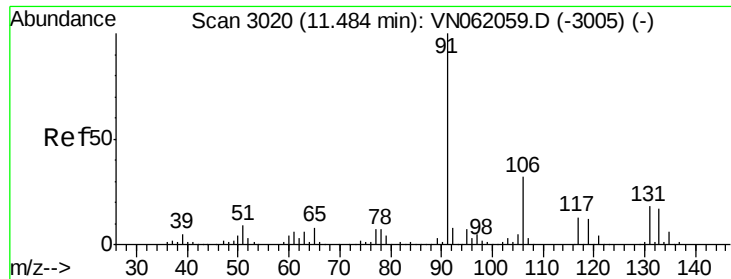
MMDadoda
6/30/2020 10:43:25 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.071 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Tgt Ion:131 Resp: 57650
Ion Ratio Lower Upper
131 100
133 96.3 47.6 142.9
119 70.3 34.4 103.3





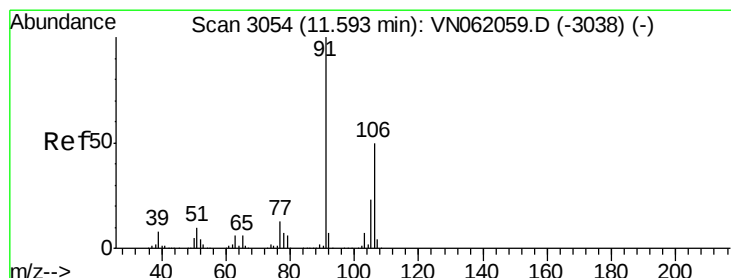
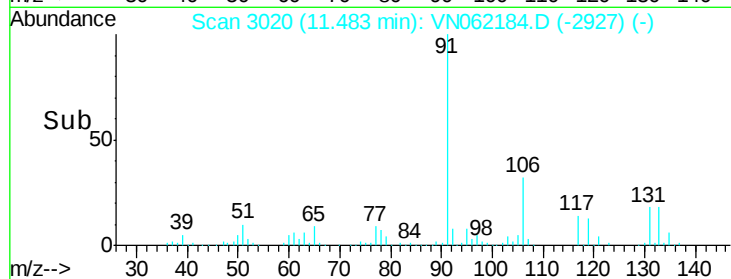
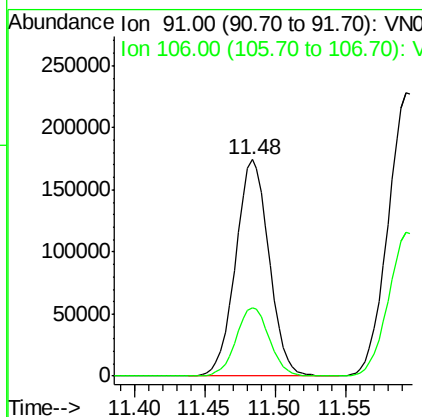
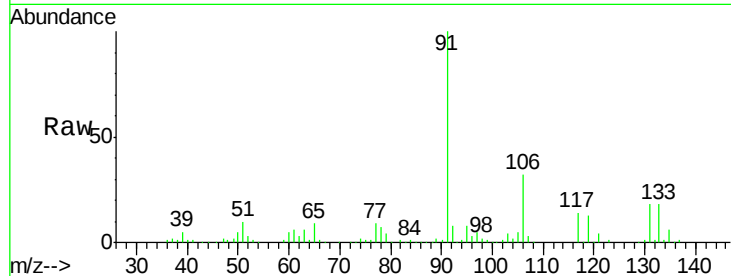
#67
Ethyl Benzene
Concen: 19.615 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS01

Tot Ion: 91 Resp: 289600
Ion Ratio Lower Upper
91 100
106 31.8 25.3 37.9

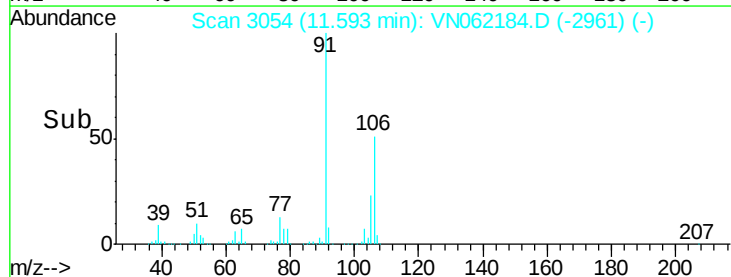
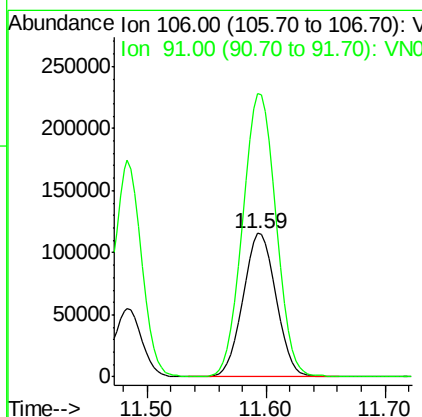
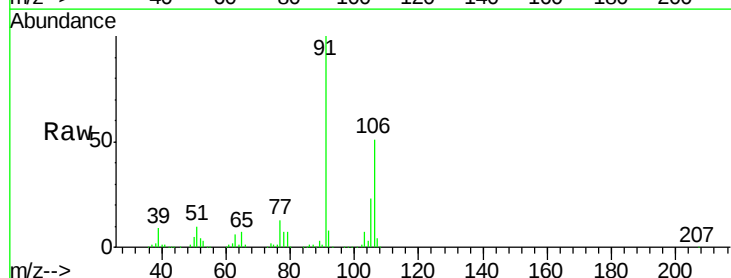
Manual Integrations
APPROVED

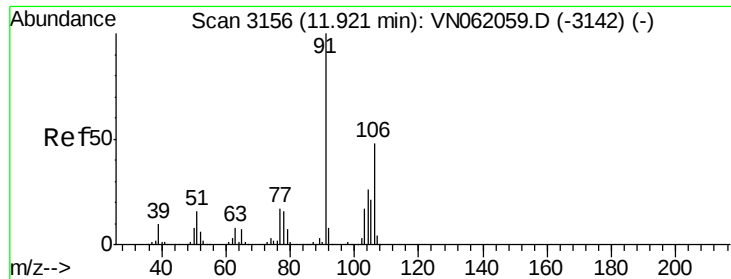
MMDadoda
6/30/2020 10:43:25 AM



#68
m/p-Xylenes
Concen: 38.752 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Tgt Ion: 106 Resp: 221293
Ion Ratio Lower Upper
106 100
91 199.7 157.8 236.8





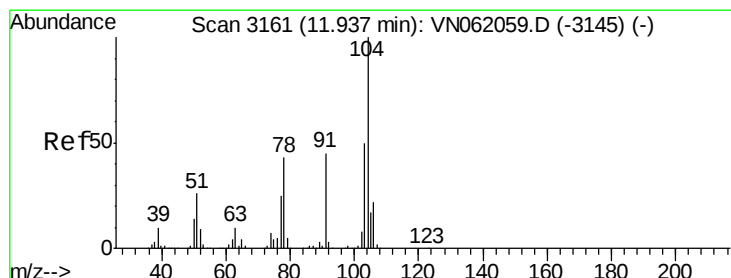
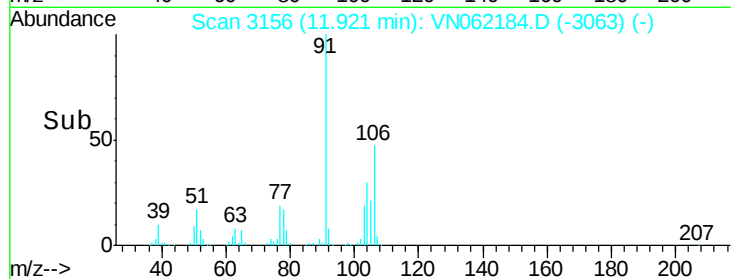
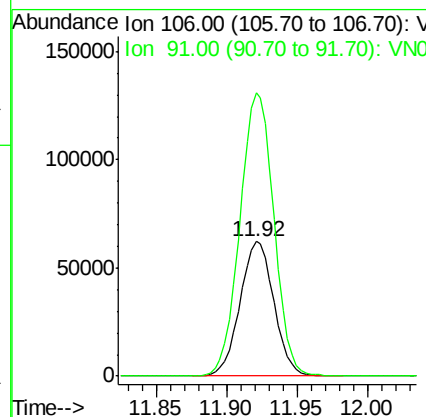
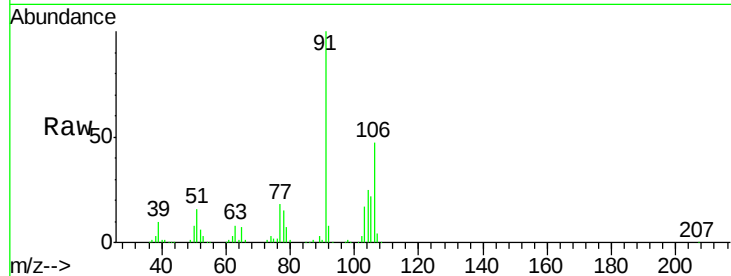
#69
o-Xylene
Concen: 19.475 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Instrument :
MSVOA_N
ClientSampled :
VN0629WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	104929		
91	91	210.7	104.0	311.9	

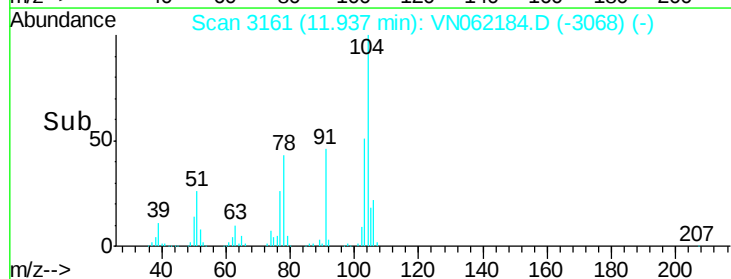
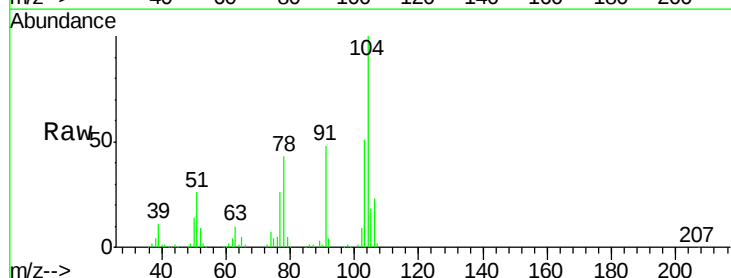
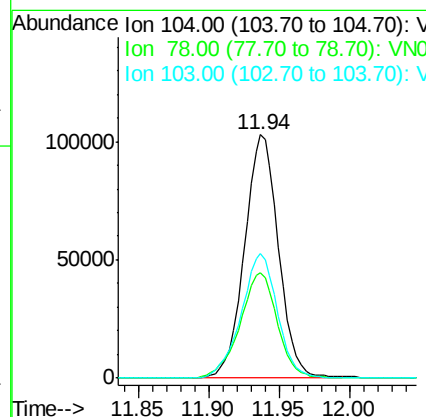
Manual Integrations
APPROVED

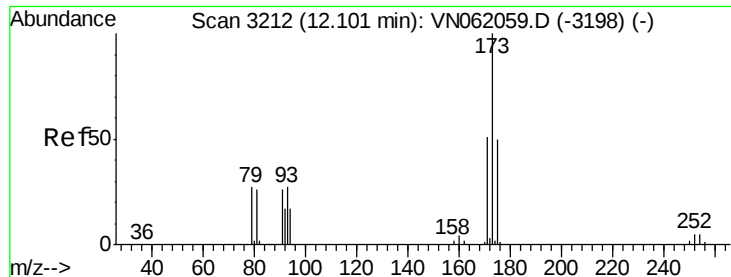
MMDadoda
6/30/2020 10:43:25 AM



#70
Styrene
Concen: 19.315 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	173561		
78	78	47.6	37.7	56.5	
103	103	54.5	43.0	64.6	





#71

Bromoform

Concen: 18.621 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Instrument :

MSVOA_N

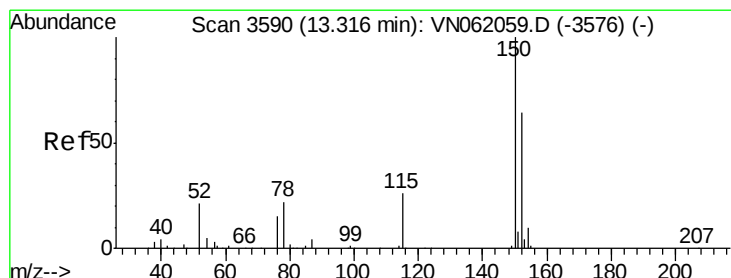
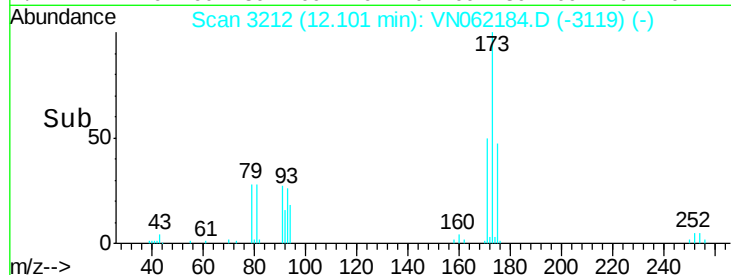
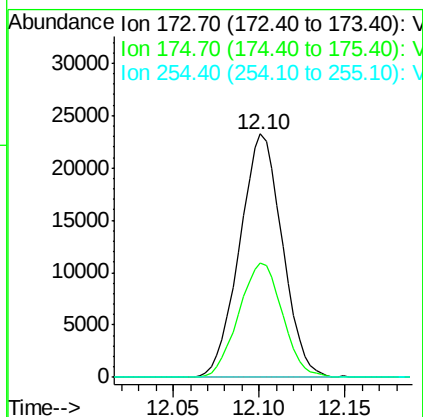
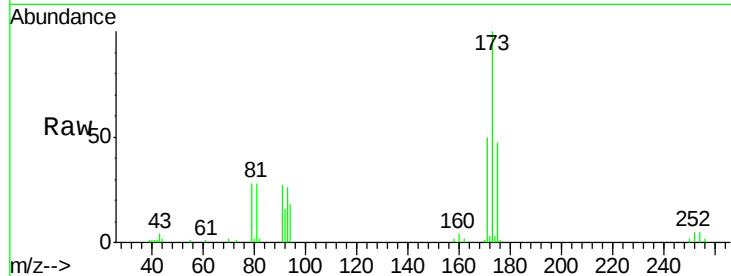
ClientSampleId :

VN0629WBS01

Tot Ion:	173	Resp:	40021
Ion Ratio	Lower	Upper	
173	100		
175	47.9	24.7	74.1
254	0.0	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

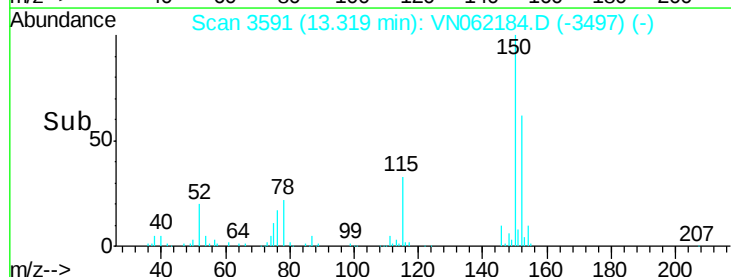
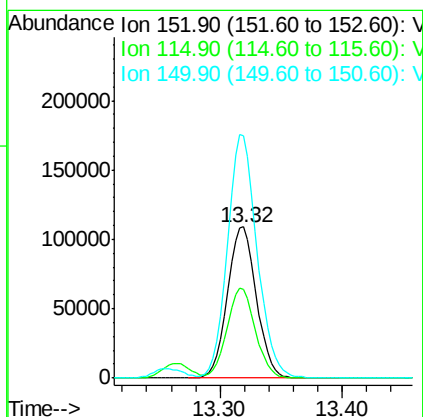
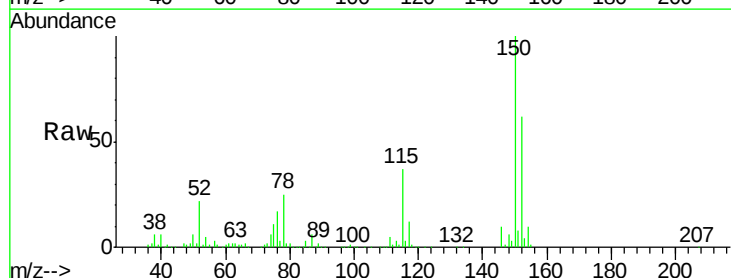
RT: 13.32 min Scan# 3591

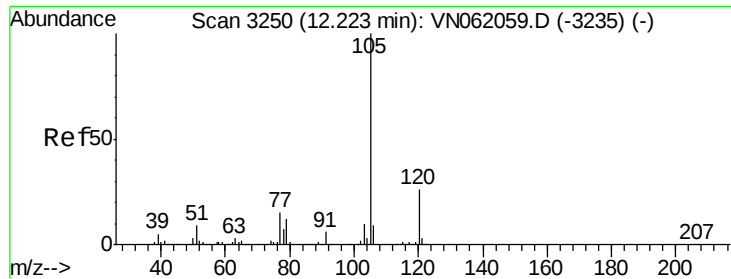
Delta R.T. 0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Tgt Ion:	152	Resp:	180618
Ion Ratio	Lower	Upper	
152	100		
115	58.4	29.5	88.5
150	165.2	0.0	351.4





#73

Isopropylbenzene

Concen: 19.966 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBS01

Tot Ion: 105 Resp: 279145

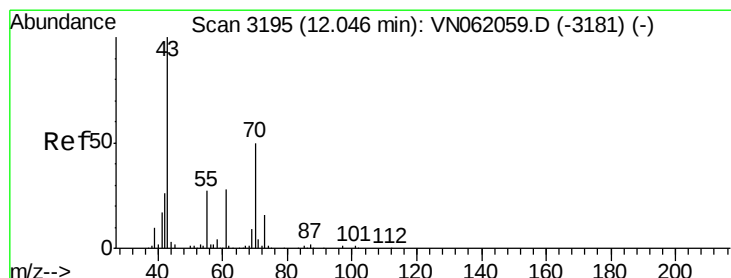
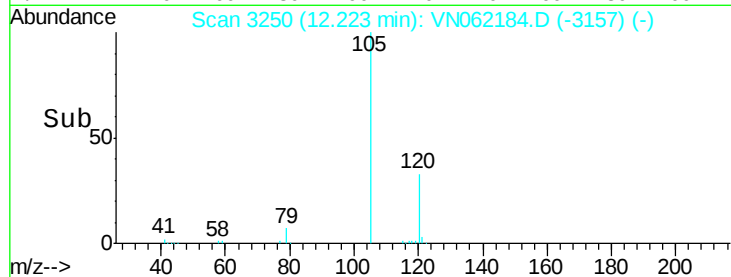
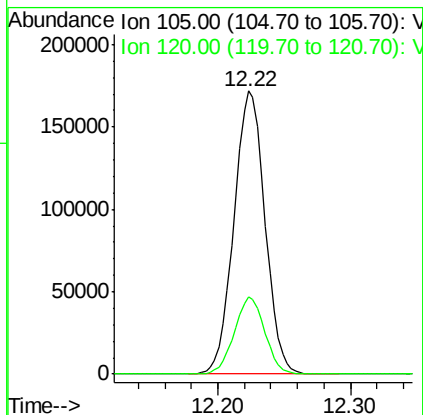
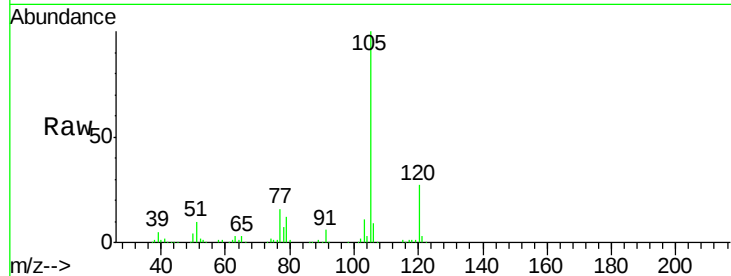
Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.6

Manual Integrations
APPROVED

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6/30/2020 10:43:25 AM



#74

N-ethyl acetate

Concen: 20.473 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Tgt Ion: 43 Resp: 94478

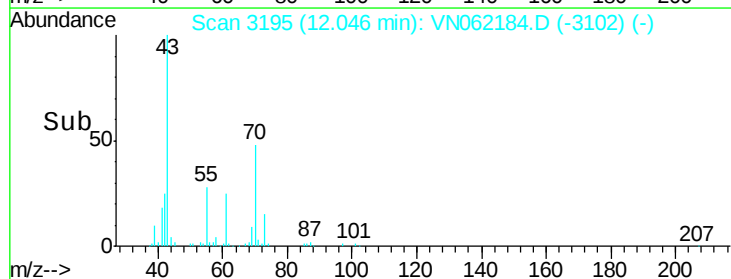
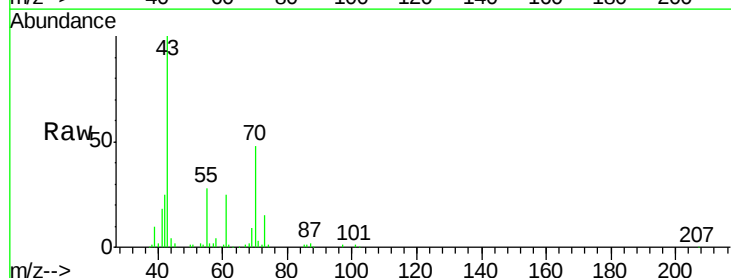
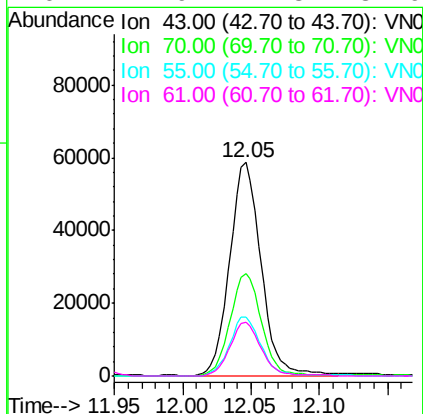
Ion Ratio Lower Upper

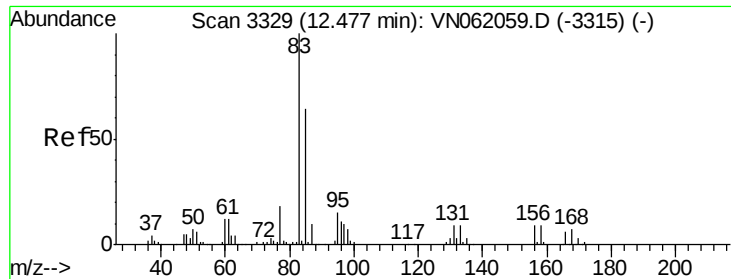
43 100

70 47.7 39.4 59.2

55 27.3 21.7 32.5

61 24.9 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.578 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Instrument :

MSVOA_N

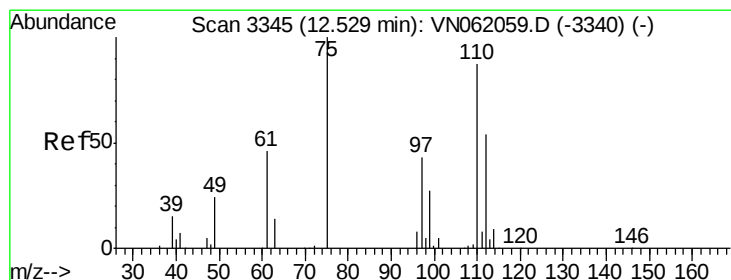
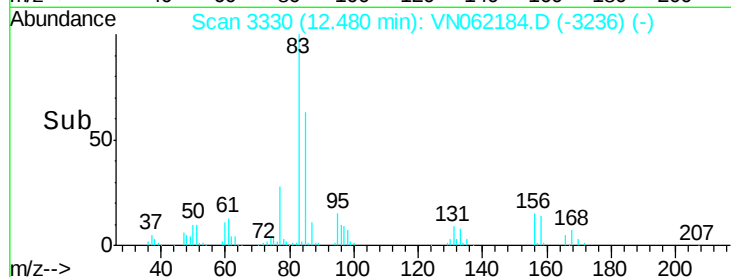
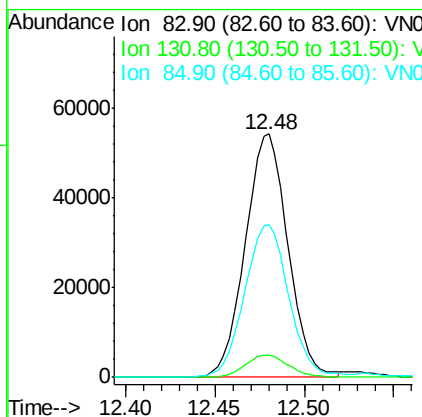
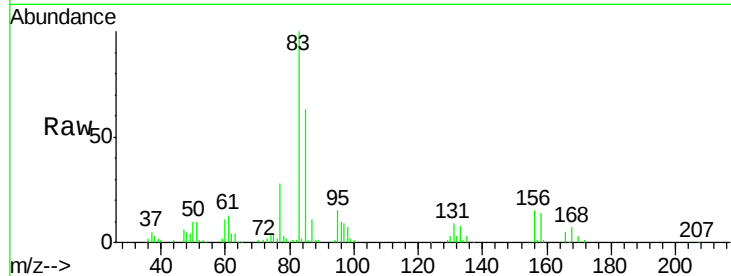
ClientSampleId :

VN0629WBS01

Tot Ion:	83	Resp:	91090
Ion Ratio	Lower	Upper	
83	100		
131	9.3	4.8	14.4
85	64.9	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 19.227 ug/l m

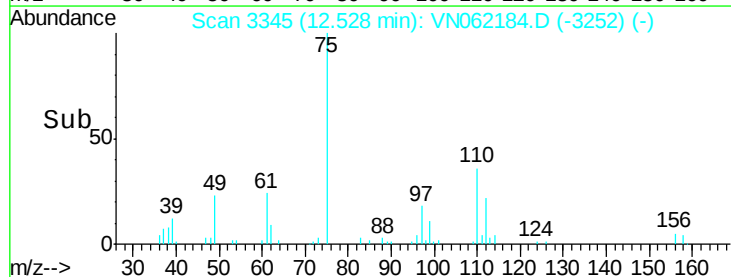
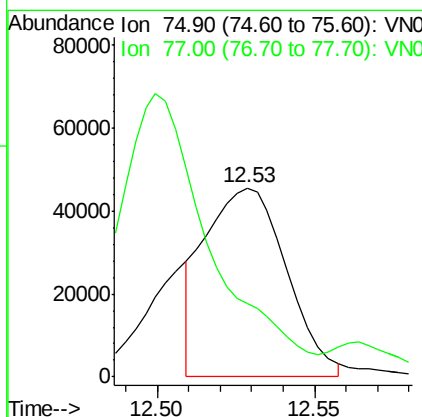
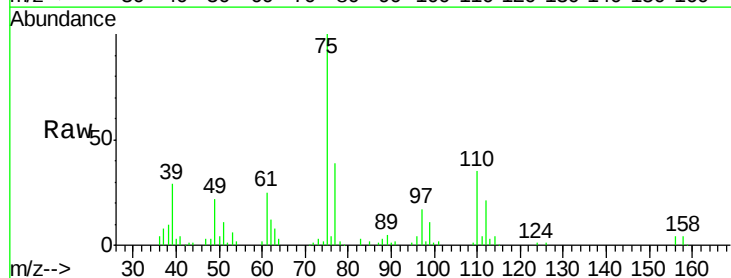
RT: 12.53 min Scan# 3345

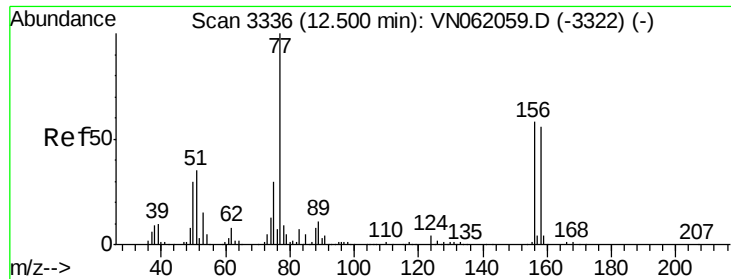
Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Tgt Ion:	75	Resp:	81751
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.721 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Instrument :

MSVOA_N

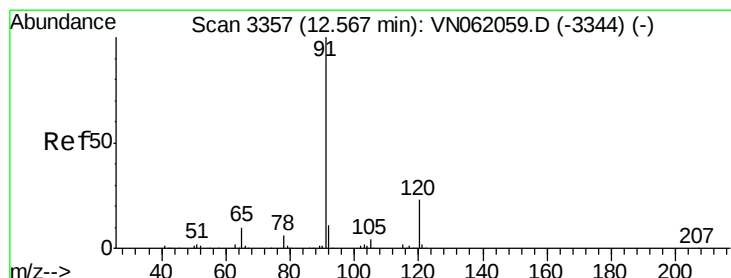
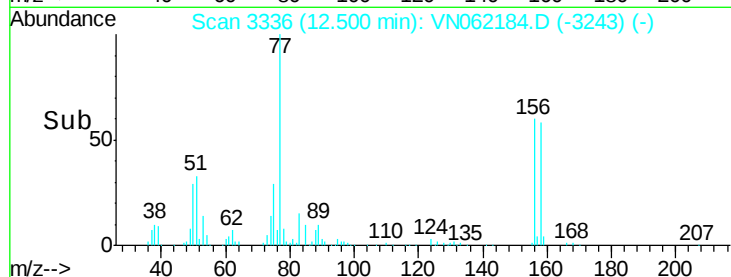
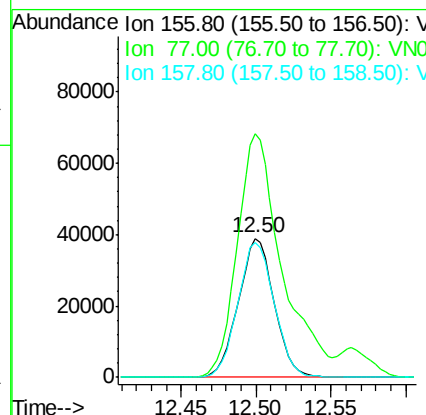
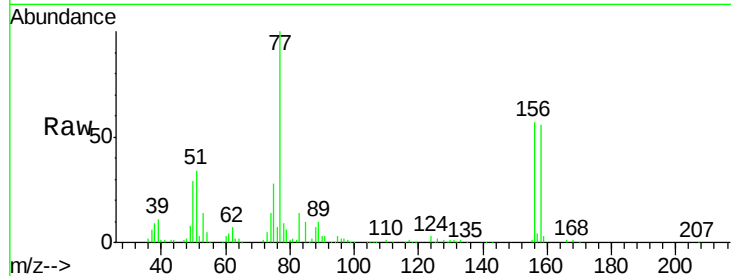
ClientSampleId :

VN0629WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	218.2	104.6	313.8
158	98.6	48.0	144.0

Manual Integrations
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#78

n-propylbenzene

Concen: 20.139 ug/l

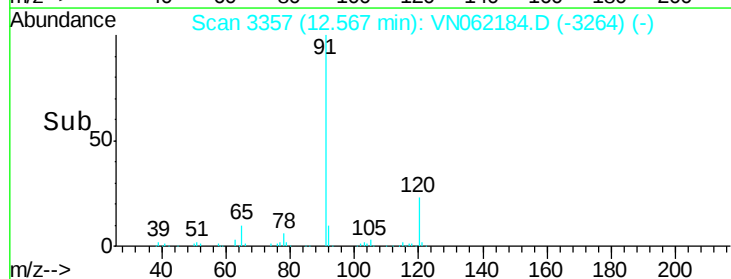
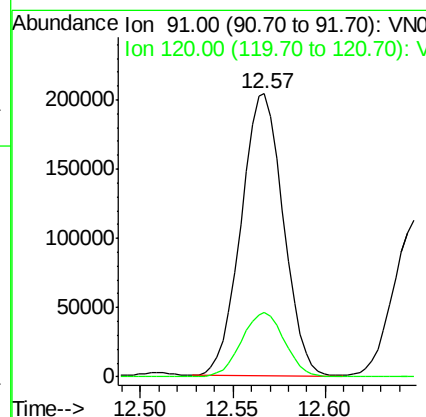
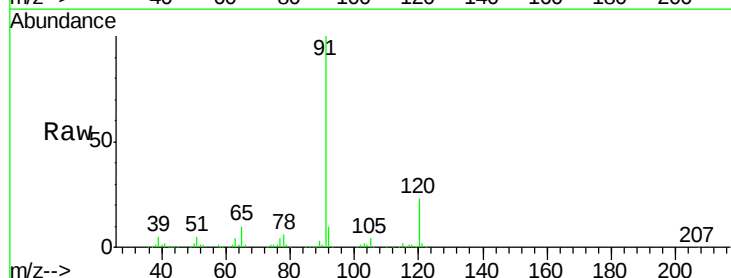
RT: 12.57 min Scan# 3357

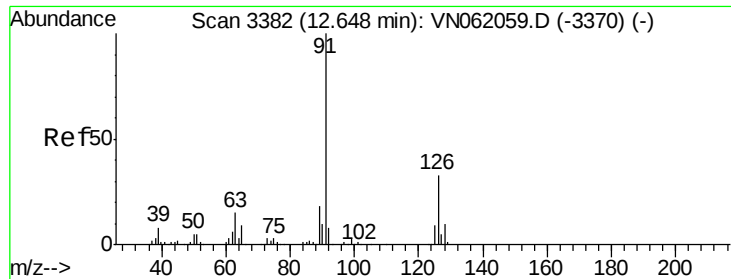
Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.4	34.1





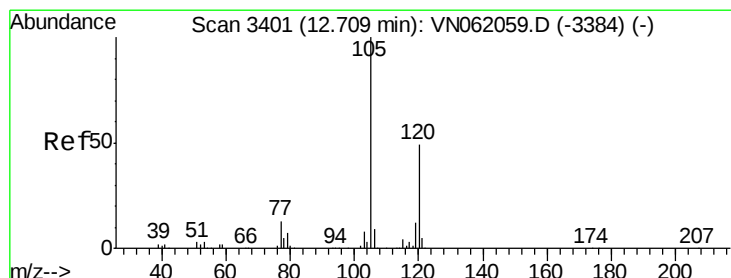
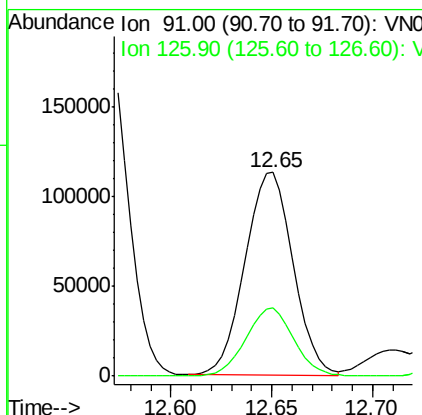
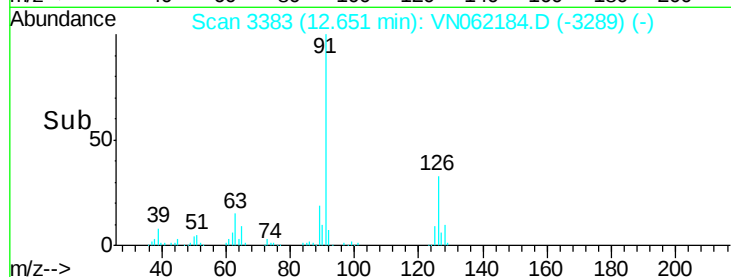
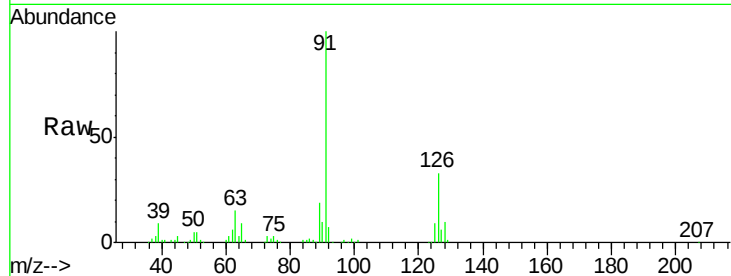
#79
 2-Chlorotoluene
 Concen: 19.502 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. 0.00 min
 Lab File: VN062184.D
 Acq: 29 Jun 2020 13:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS01

Tot Ion: 91 Resp: 188554
 Ion Ratio Lower Upper
 91 100
 126 33.7 16.9 50.7

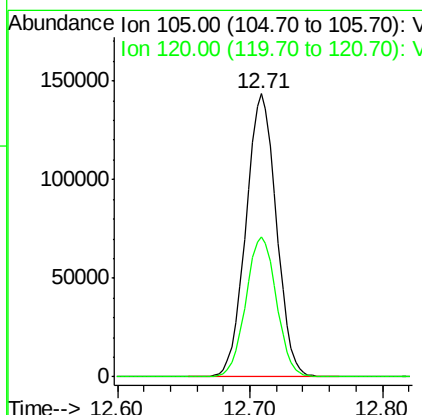
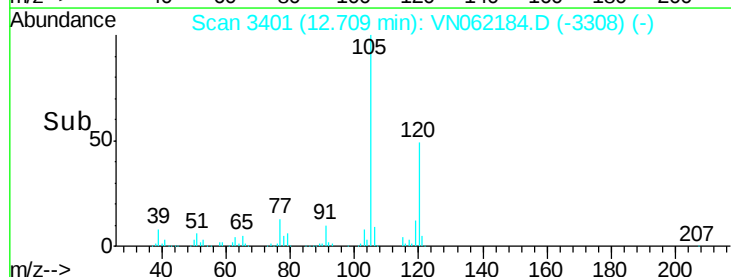
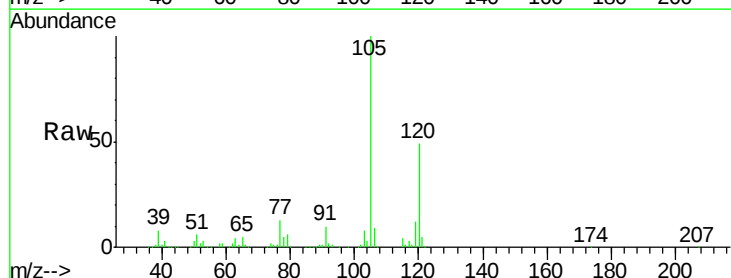
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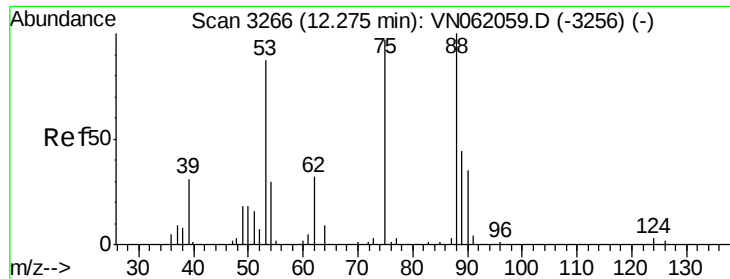
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.163 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062184.D
 Acq: 29 Jun 2020 13:32

Tgt Ion: 105 Resp: 228530
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.592 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Instrument :

MSVOA_N

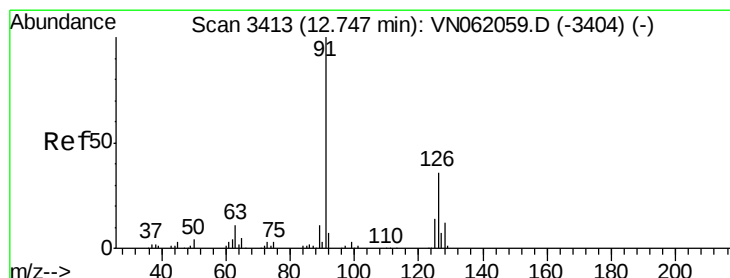
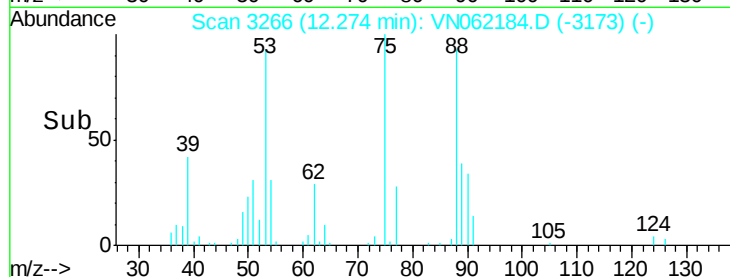
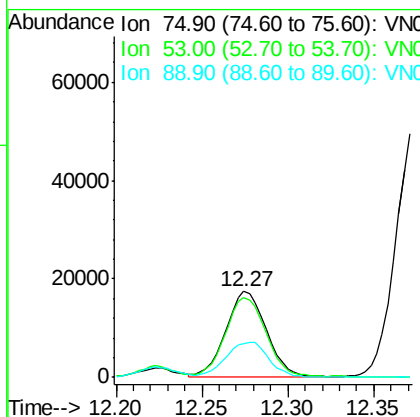
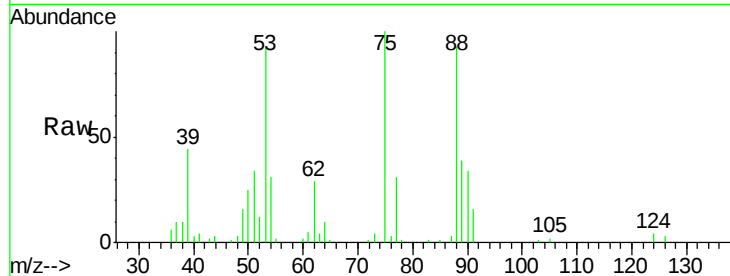
ClientSampleId :

VN0629WBS01

Tot Ion:	75	Resp:	28525
Ion Ratio	Lower	Upper	
75	100		
53	92.8	72.0	108.0
89	43.3	36.9	55.3

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#82

4-Chlorotoluene

Concen: 19.380 ug/l

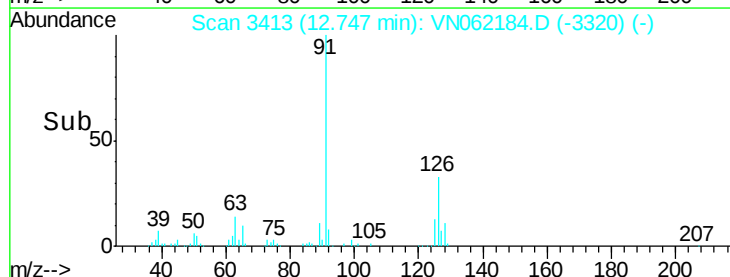
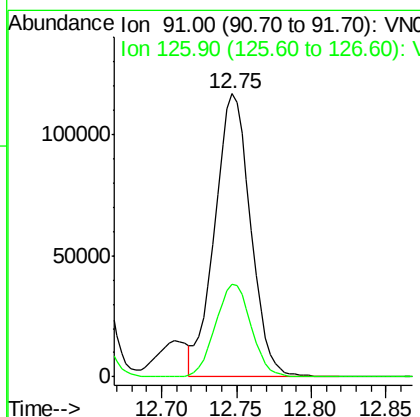
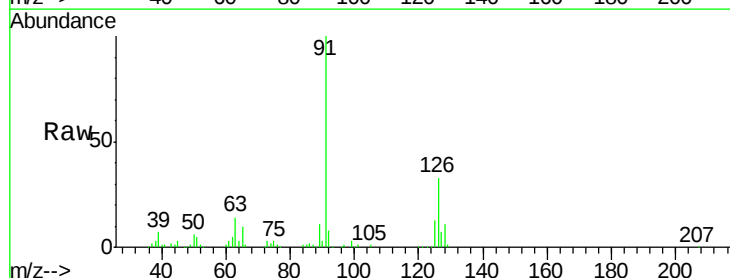
RT: 12.75 min Scan# 3413

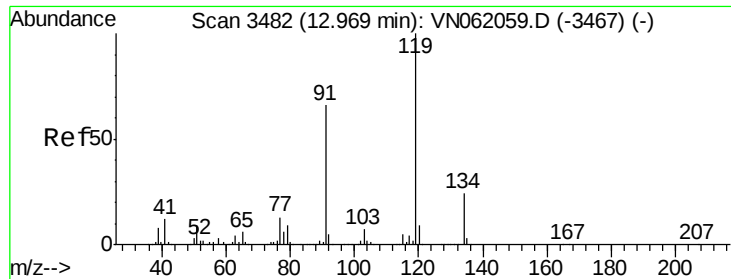
Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Tgt Ion:	91	Resp:	193759
Ion Ratio	Lower	Upper	
91	100		
126	32.8	16.7	50.1





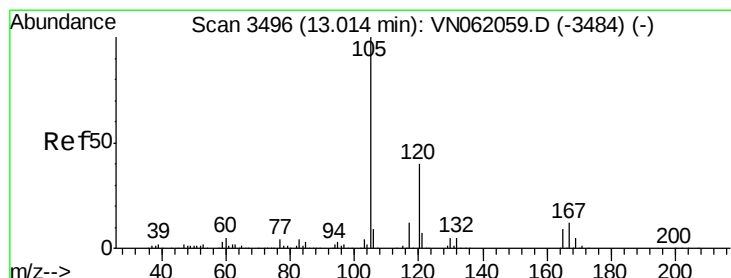
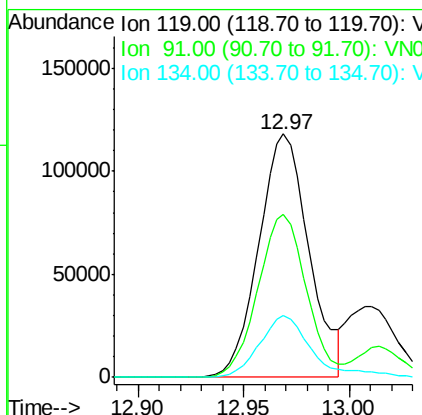
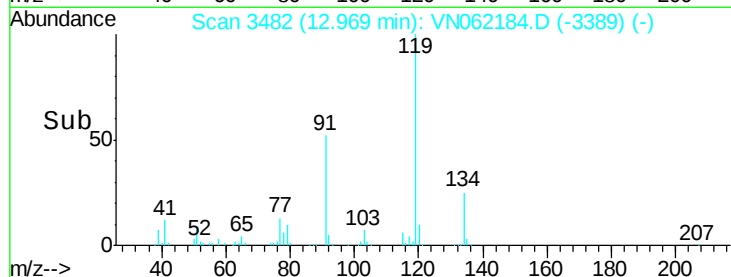
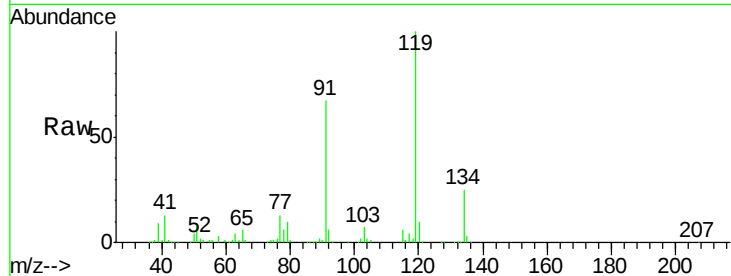
#83
 tert-Butylbenzene
 Concen: 20.156 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062184.D
 Acq: 29 Jun 2020 13:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	195503		
91	64.3	31.7	95.1	
134	26.6	13.1	39.1	

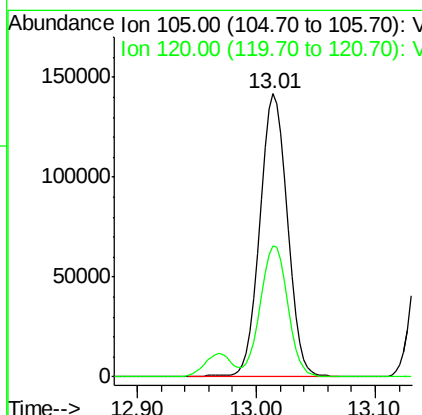
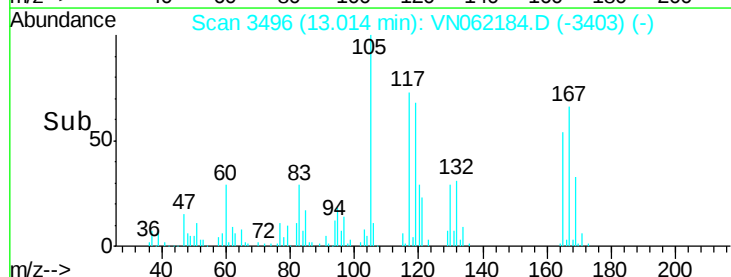
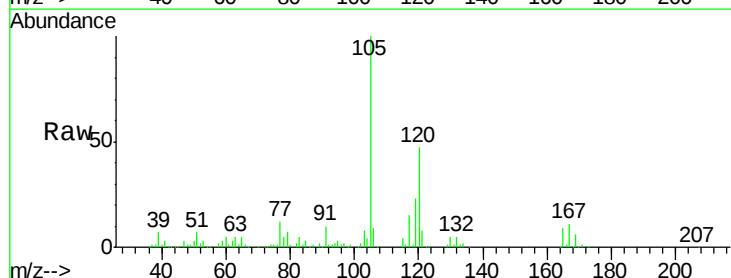
Manual Integrations
 APPROVED

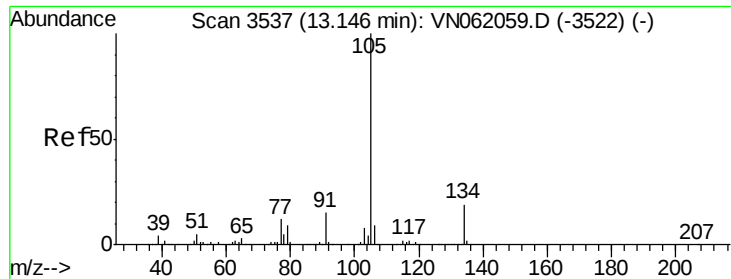
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.169 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062184.D
 Acq: 29 Jun 2020 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	228304		
120	46.3	23.2	69.5	





#85

sec-Butylbenzene

Concen: 21.063 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. 0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBS01

Tot Ion:105 Resp: 269958

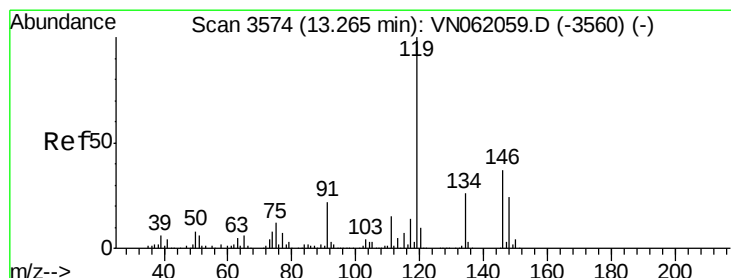
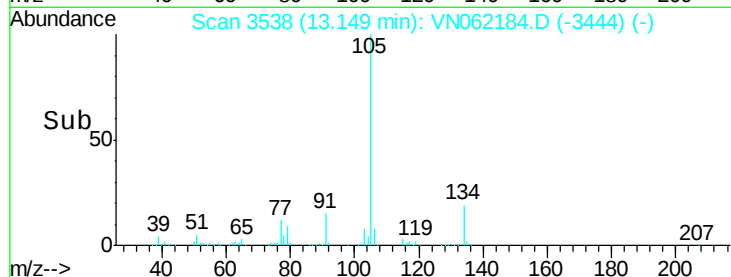
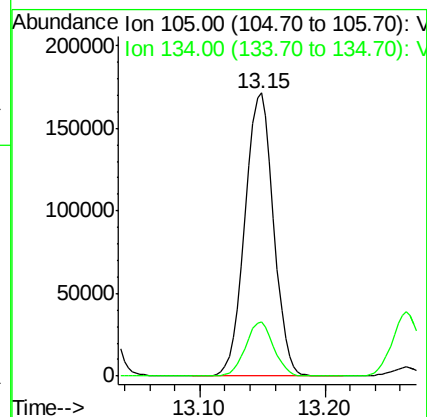
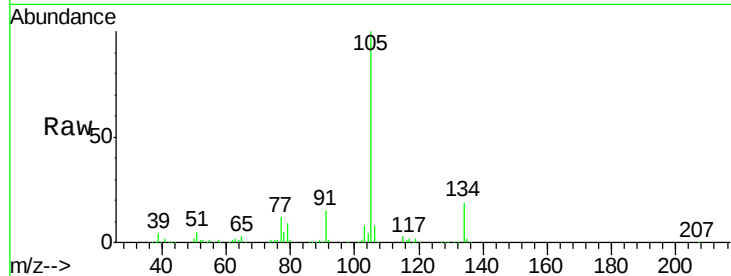
Ion Ratio Lower Upper

105 100

134 18.7 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 20.862 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062184.D

Acq: 29 Jun 2020 13:32

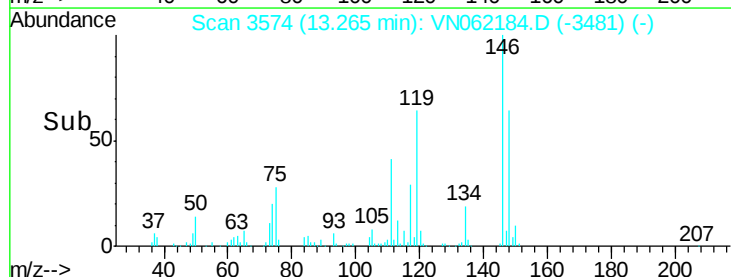
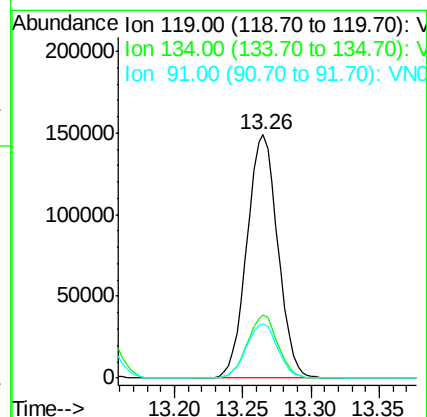
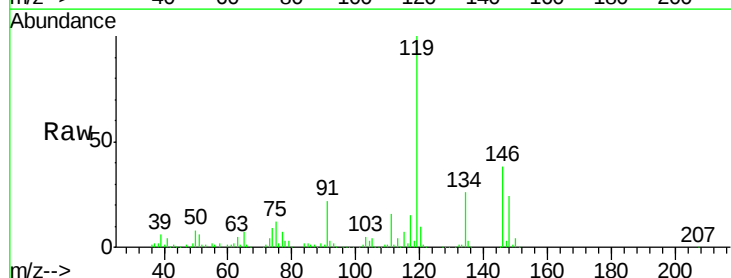
Tgt Ion:119 Resp: 234265

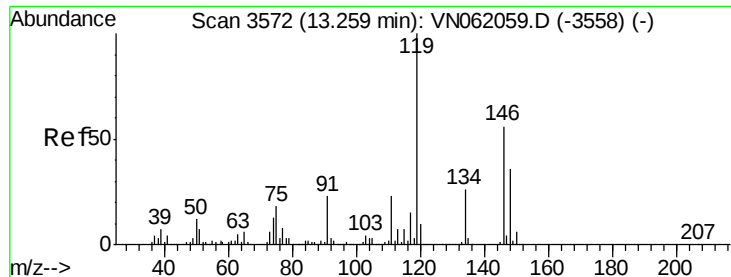
Ion Ratio Lower Upper

119 100

134 25.6 13.0 39.0

91 22.3 11.3 33.8





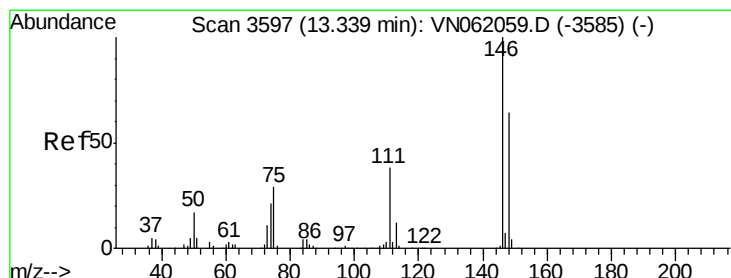
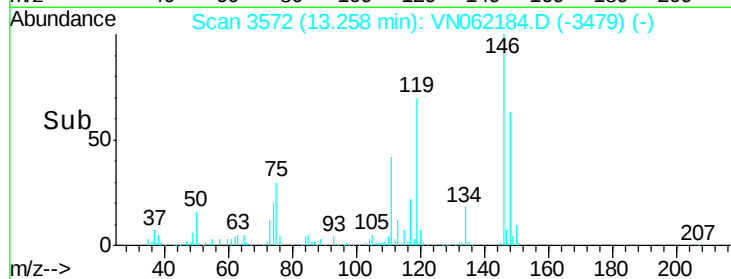
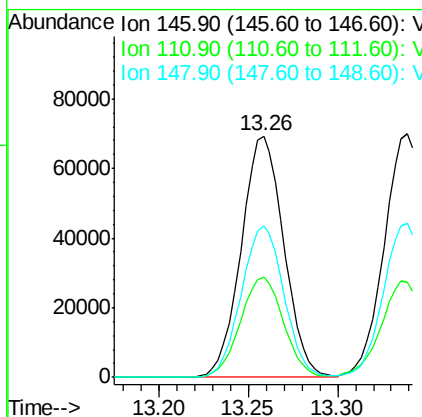
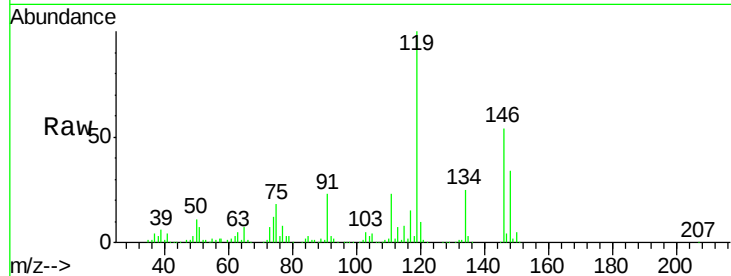
#87
 1,3-Dichlorobenzene
 Concen: 18.921 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062184.D
 Acq: 29 Jun 2020 13:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.3	61.0
148	62.8	31.8	95.3

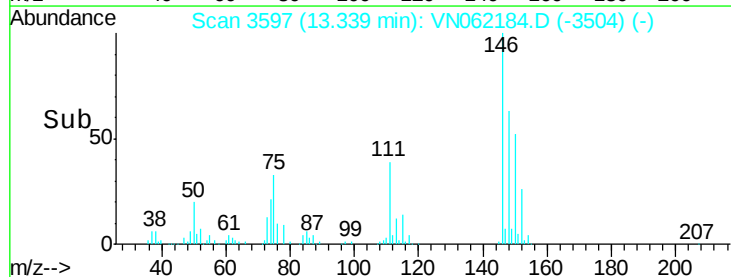
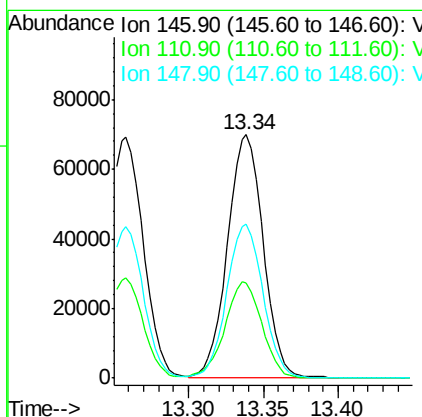
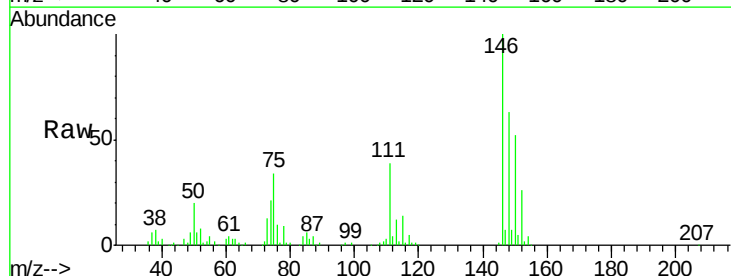
Manual Integrations
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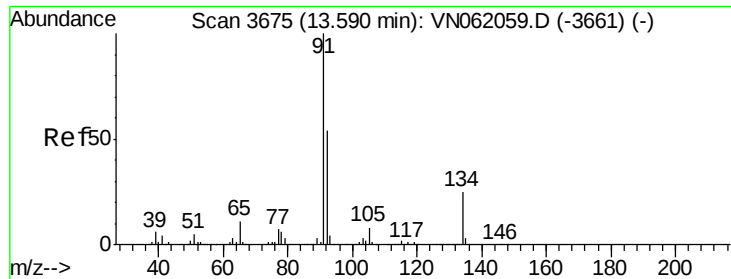
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#88
 1,4-Dichlorobenzene
 Concen: 18.472 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062184.D
 Acq: 29 Jun 2020 13:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.9	59.6
148	63.9	31.9	95.9





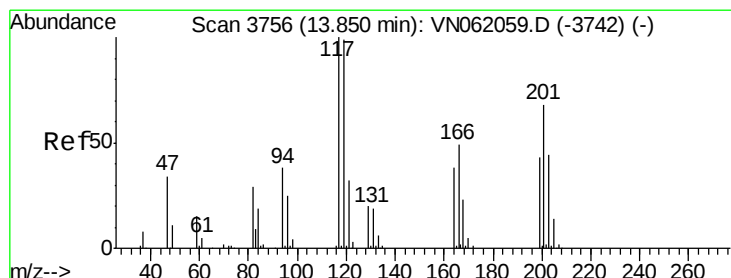
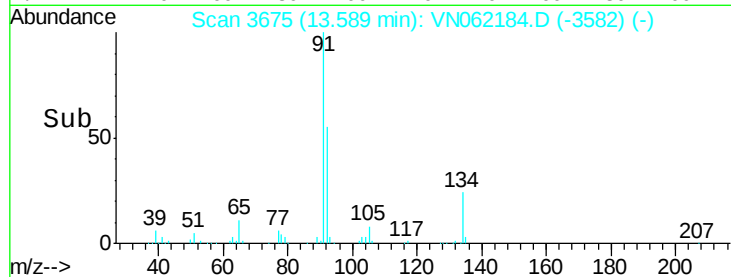
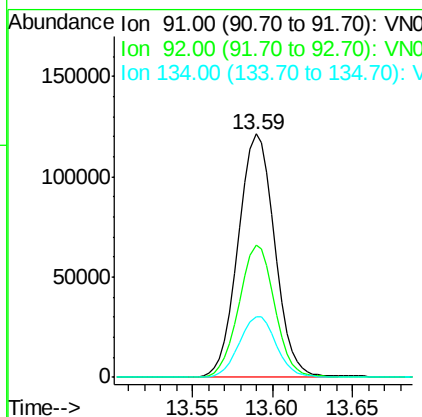
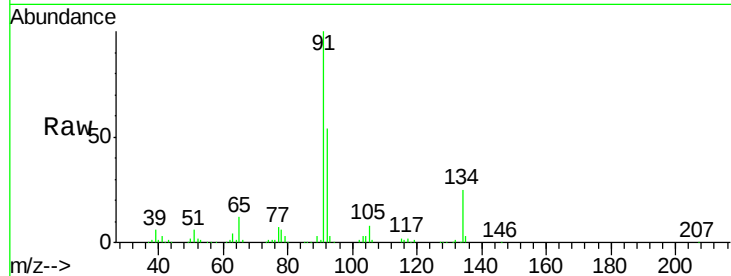
#89
n-Butylbenzene
Concen: 20.207 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.6	79.7
134	25.3	12.3	36.9

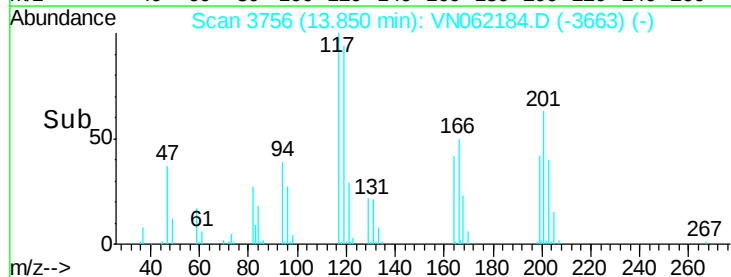
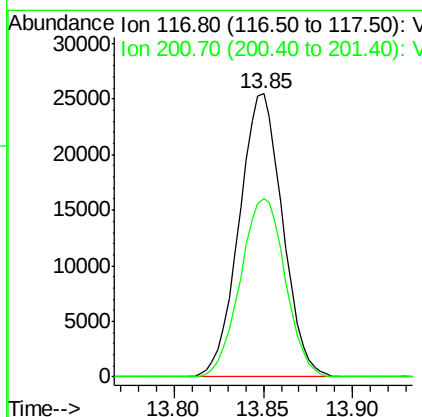
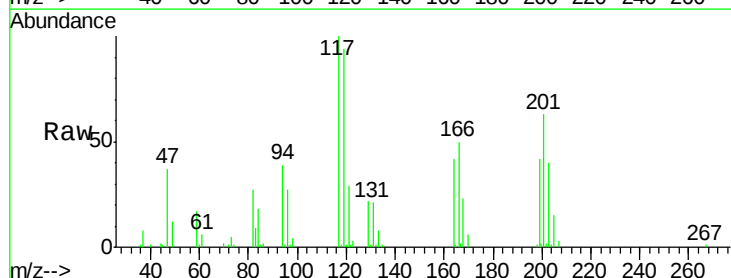
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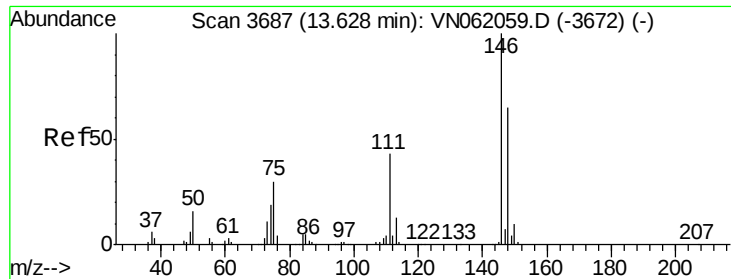
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#90
Hexachloroethane
Concen: 19.700 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.0	32.7	98.1





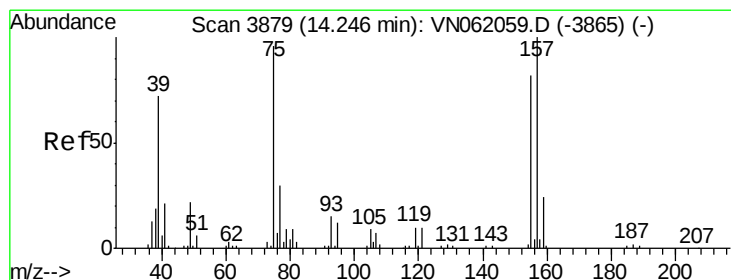
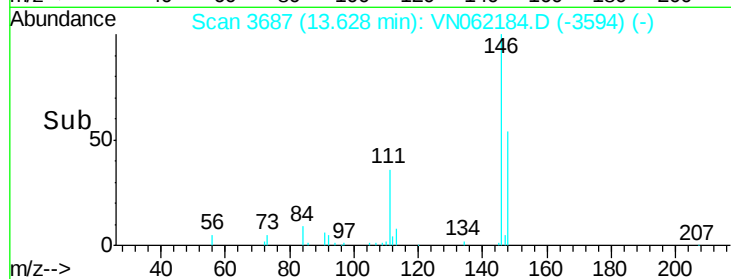
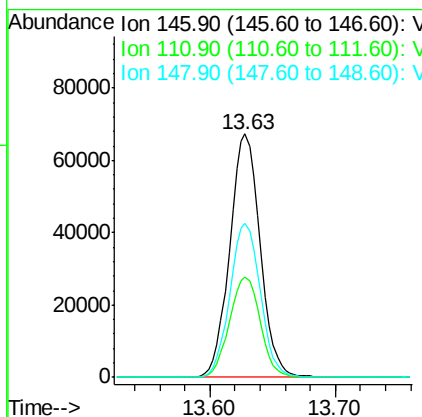
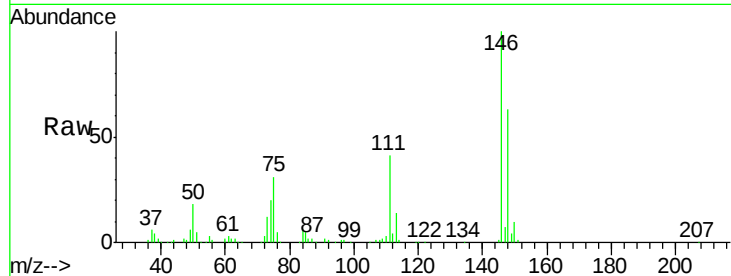
#91
 1,2-Dichlorobenzene
 Concen: 19.144 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062184.D
 Acq: 29 Jun 2020 13:32

Instrument :
 MSVOA_N
 ClientSampled :
 VN0629WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.2	63.6
148	63.6	31.9	95.5

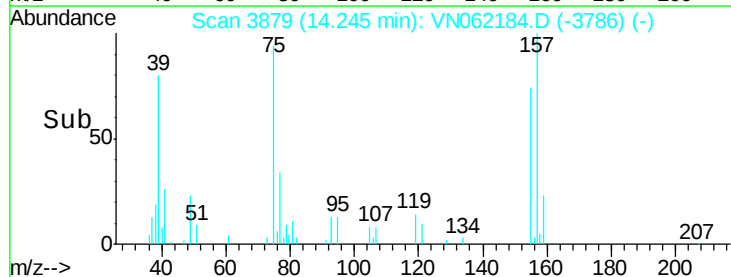
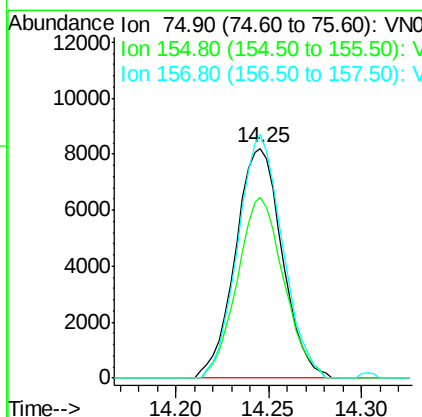
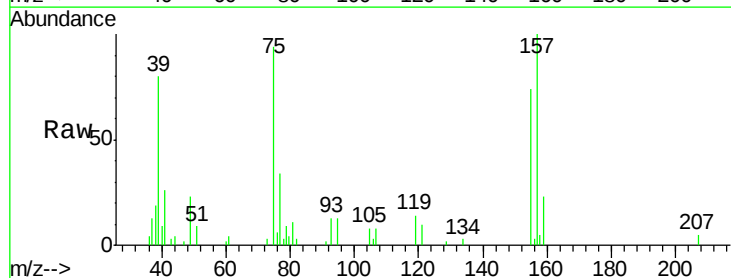
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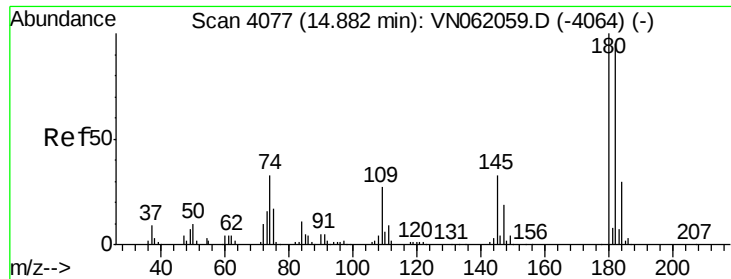
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.264 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062184.D
 Acq: 29 Jun 2020 13:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.0	40.8	122.4
157	101.2	51.4	154.3





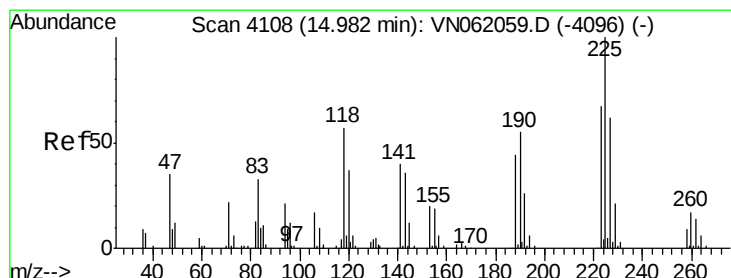
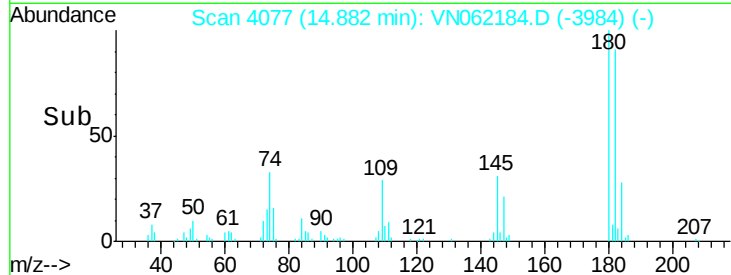
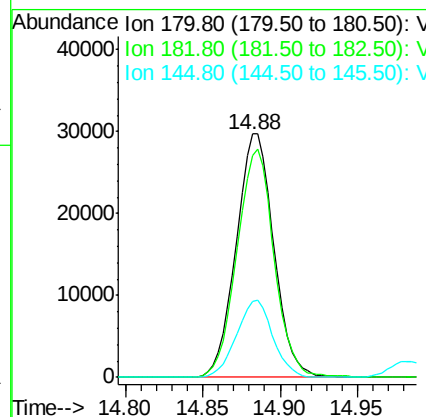
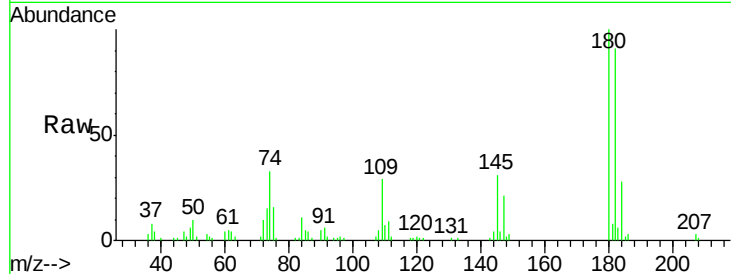
#93
 1,2,4-Trichlorobenzene
 Concen: 19.412 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062184.D
 Acq: 29 Jun 2020 13:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	50123		
182	92.7	48.0	144.2	
145	30.5	16.0	48.0	

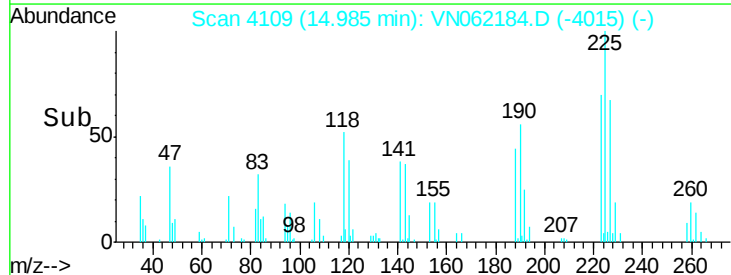
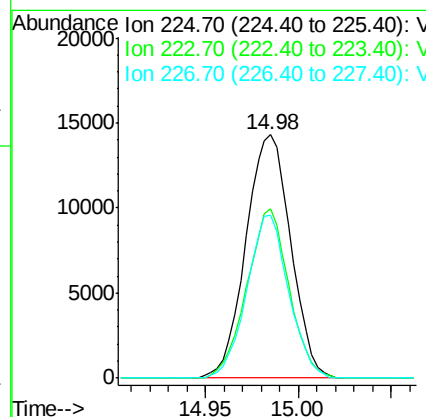
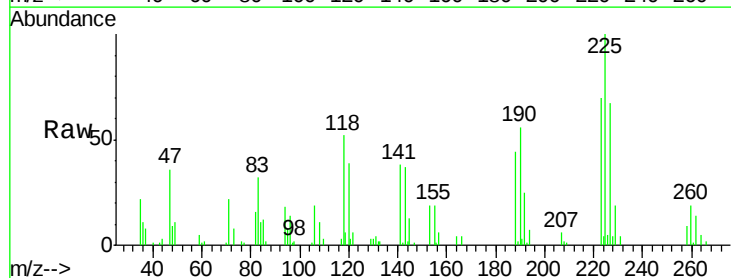
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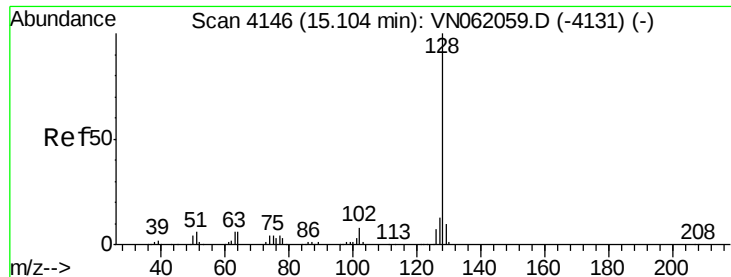
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#94
 Hexachlorobutadiene
 Concen: 21.498 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062184.D
 Acq: 29 Jun 2020 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	24109		
223	65.3	32.9	98.7	
227	62.4	31.3	93.8	





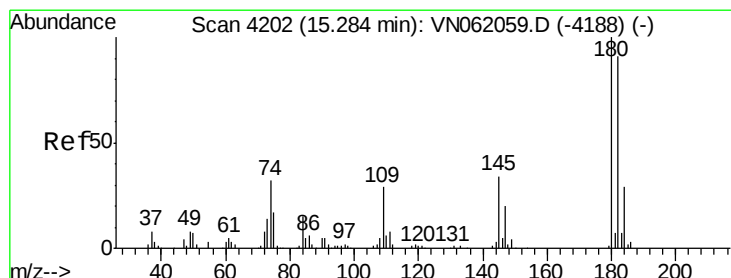
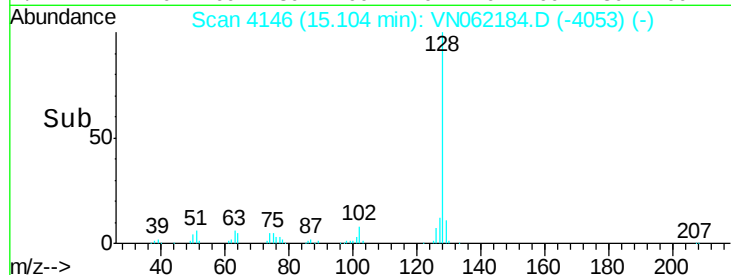
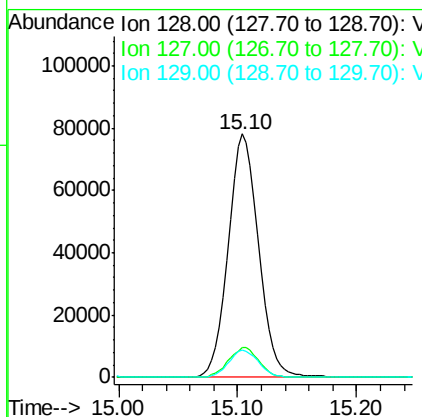
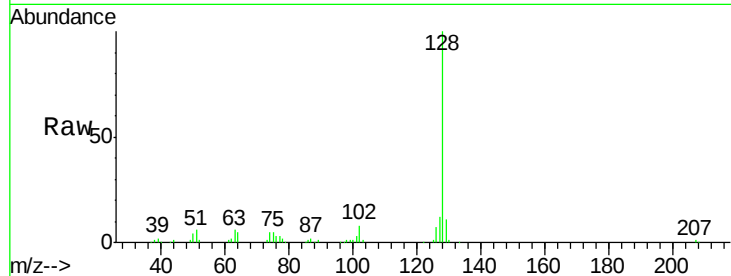
#95
Naphthalene
Concen: 18.738 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Instrument :
MSVOA_N
ClientSampled :
VN0629WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	137945		
127	12.2	10.5	15.7	
129	11.1	8.6	13.0	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 18.806 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062184.D
Acq: 29 Jun 2020 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	49652		
182	94.3	46.8	140.4	
145	35.2	16.4	49.2	

