

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062179.D
 Acq On : 27 Jun 2020 7:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/29/2020 12:36:02 PM

Quant Time: Jun 29 00:33:35 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	7.63	168	222418	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	417396	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	386784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	182123	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	165262	52.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.90%	
35) Dibromofluoromethane	7.55	113	133721	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
50) Toluene-d8	10.06	98	531202	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
62) 4-Bromofluorobenzene	12.38	95	182152	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	120545	47.949	ug/l	100
3) Chloromethane	2.03	50	158741	53.733	ug/l	98
4) Vinyl Chloride	2.16	62	188738	47.672	ug/l	99
5) Bromomethane	2.50	94	124764	48.759	ug/l	100
6) Chloroethane	2.65	64	132521	49.000	ug/l	98
7) Trichlorofluoromethane	2.97	101	224428	46.004	ug/l	98
8) Diethyl Ether	3.37	74	92054	54.039	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	126612	49.561	ug/l	99
10) Methyl Iodide	3.91	142	155265	53.966	ug/l	100
11) Tert butyl alcohol	4.74	59	123653	275.922	ug/l	99
12) 1,1-Dichloroethene	3.69	96	132133	51.738	ug/l	99
13) Acrolein	3.56	56	121085	275.970	ug/l	97
14) Allyl chloride	4.27	41	186186	53.546	ug/l	99
15) Acrylonitrile	4.93	53	336485	275.533	ug/l	99
16) Acetone	3.77	43	266783	272.672	ug/l	98
17) Carbon Disulfide	4.00	76	376708	51.496	ug/l	100
18) Methyl Acetate	4.28	43	137999	55.617	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	456000	55.877	ug/l	100
20) Methylene Chloride	4.50	84	161584	56.421	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	146037	50.195	ug/l	93
22) Diisopropyl ether	5.90	45	447524	56.527	ug/l	98
23) Vinyl Acetate	5.84	43	1842736	285.086	ug/l	98
24) 1,1-Dichloroethane	5.80	63	271477	53.251	ug/l	99
25) 2-Butanone	6.79	43	411134	269.484	ug/l	98
26) 2,2-Dichloropropane	6.78	77	138165	32.522	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	183105	55.930	ug/l	95
28) Bromochloromethane	7.15	49	117086	52.933	ug/l	94
29) Tetrahydrofuran	7.17	42	279562	279.740	ug/l	99
30) Chloroform	7.33	83	269305	51.920	ug/l	100
31) Cyclohexane	7.61	56	227664	52.794	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	225894	51.642	ug/l	98
36) 1,1-Dichloropropene	7.75	75	202094	48.170	ug/l	99
37) Ethyl Acetate	6.88	43	180541	51.968	ug/l	99
38) Carbon Tetrachloride	7.73	117	192971	48.787	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	234080	50.921	ug/l	98
40) Benzene	8.00	78	636174	49.750	ug/l	97
41) Methacrylonitrile	7.13	41	87675	54.436	ug/l	93
42) 1,2-Dichloroethane	8.09	62	217362	50.310	ug/l	99
43) Isopropyl Acetate	8.13	43	302658	53.442	ug/l	100
44) Trichloroethene	8.80	130	235493	73.005	ug/l	99
45) 1,2-Dichloropropane	9.08	63	162801	51.605	ug/l	99
46) Dibromomethane	9.18	93	107244	50.139	ug/l	97
47) Bromodichloromethane	9.37	83	219914	50.920	ug/l	98
48) Methyl methacrylate	9.17	41	137771	54.256	ug/l	98
49) 1,4-Dioxane	9.17	88	58769	1043.646	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	910917	275.300	ug/l	99
52) Toluene	10.12	92	399431	51.194	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	229435	48.287	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	250811	49.581	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	158941	51.822	ug/l	98
56) Ethyl methacrylate	10.40	69	232581	56.823	ug/l	98
57) 1,3-Dichloropropane	10.68	76	271868	51.499	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	442923	253.898	ug/l	98
59) 2-Hexanone	10.72	43	665792	278.657	ug/l	100
60) Dibromochloromethane	10.87	129	166059	51.140	ug/l	98
61) 1,2-Dibromoethane	10.98	107	158404	50.264	ug/l	99
64) Tetrachloroethene	10.60	164	122038	46.190	ug/l	96
65) Chlorobenzene	11.41	112	415279	48.892	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	150166	51.127	ug/l	99
67) Ethyl Benzene	11.48	91	757008	52.771	ug/l	99
68) m/p-Xylenes	11.60	106	579386	104.424	ug/l	98
69) o-Xylene	11.92	106	279767	53.442	ug/l	97
70) Styrene	11.94	104	476327	54.558	ug/l	99
71) Bromoform	12.10	173	106350	50.928	ug/l #	98
73) Isopropylbenzene	12.22	105	736853	52.267	ug/l	99
74) N-amyl acetate	12.05	43	271868	52.227	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	231520	49.350	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	192902m	44.994	ug/l	
77) Bromobenzene	12.50	156	170680	48.765	ug/l	95
78) n-propylbenzene	12.57	91	851559	52.807	ug/l	99
79) 2-Chlorotoluene	12.65	91	504432	51.743	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	619660	54.221	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	65160	44.385	ug/l	96
82) 4-Chlorotoluene	12.75	91	532212	52.792	ug/l	96
83) tert-Butylbenzene	12.97	119	516729	52.833	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	617273	54.080	ug/l	100
85) sec-Butylbenzene	13.15	105	709899	54.930	ug/l	99
86) p-Isopropyltoluene	13.27	119	629493	55.596	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	309811	50.408	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	307789	48.583	ug/l	100
89) n-Butylbenzene	13.59	91	523619	55.624	ug/l	99
90) Hexachloroethane	13.85	117	116893	52.619	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	301257	50.548	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	40547	53.952	ug/l	97

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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)
93) 1,2,4-Trichlorobenzene	14.88	180	141047	54.174	ug/l	100
94) Hexachlorobutadiene	14.99	225	58077	51.359	ug/l	100
95) Naphthalene	15.10	128	428914	49.456	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	143325	53.837	ug/l	99

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

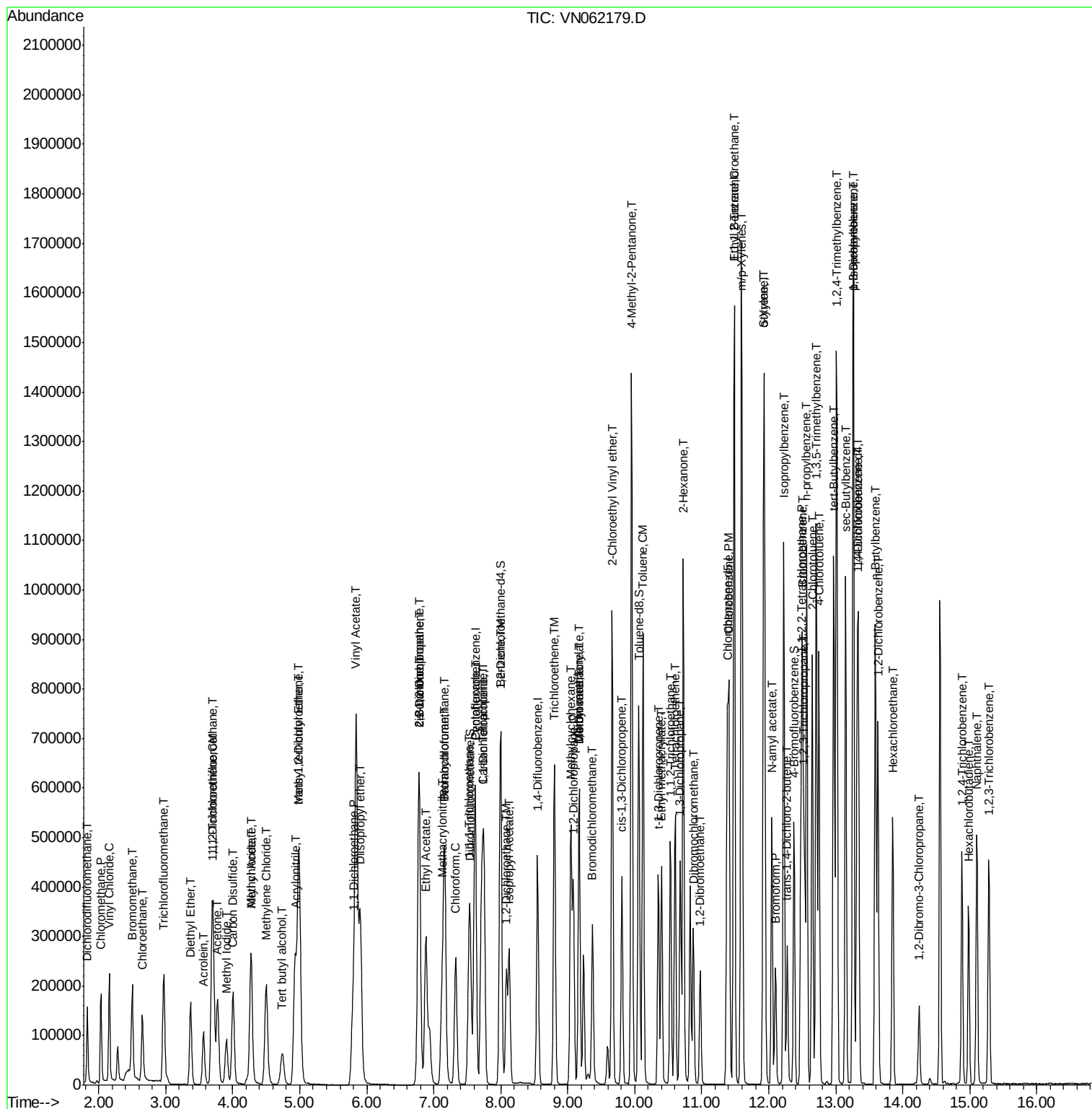
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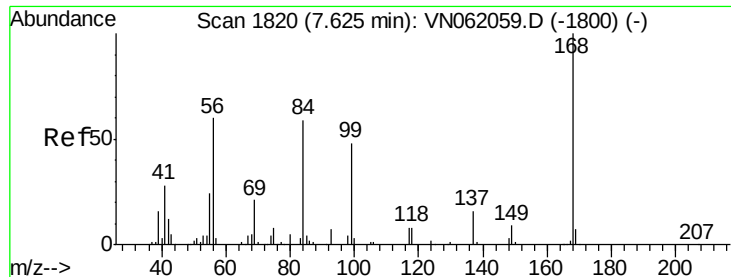
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 222418

Ion Ratio Lower Upper

168 100

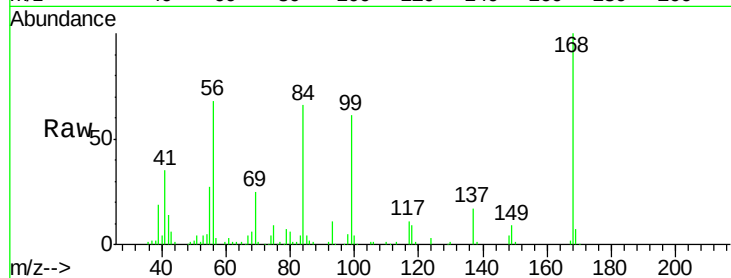
99 61.3 45.8 68.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

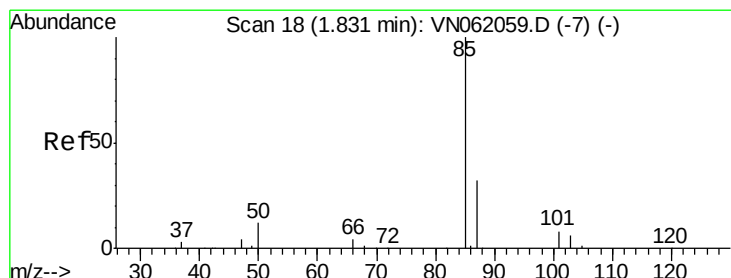
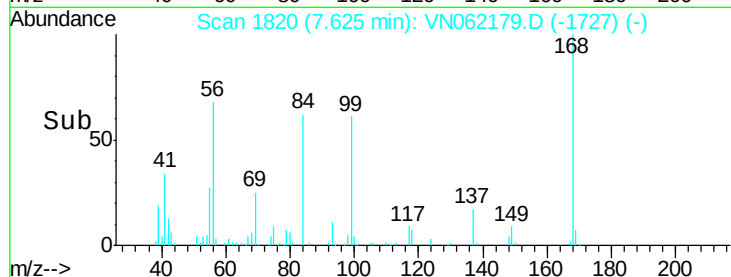
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 47.949 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062179.D

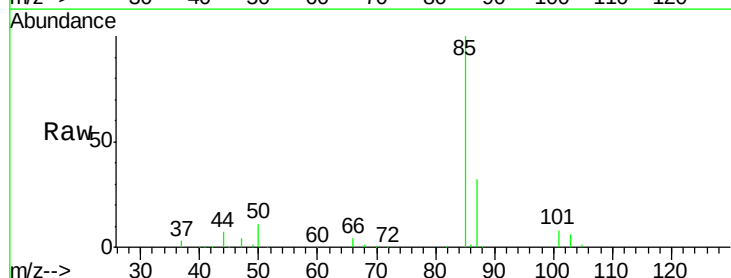
Acq: 27 Jun 2020 7:53

Tgt Ion: 85 Resp: 120545

Ion Ratio Lower Upper

85 100

87 31.7 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

100000

80000

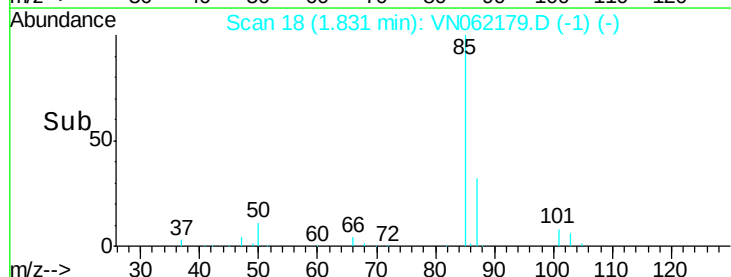
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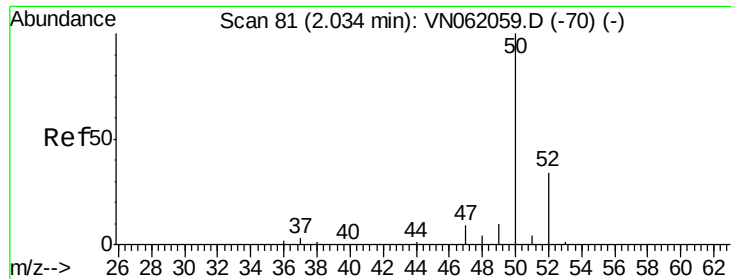
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20000

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Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 53.733 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 158741

Ion Ratio Lower Upper

50 100

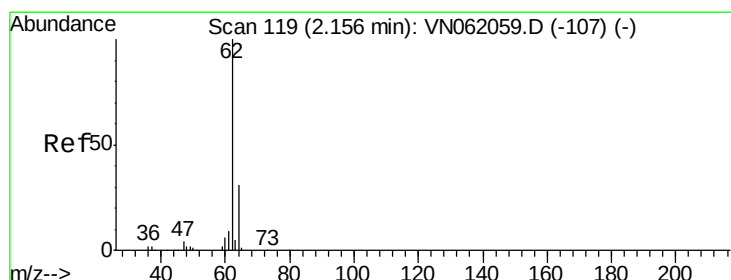
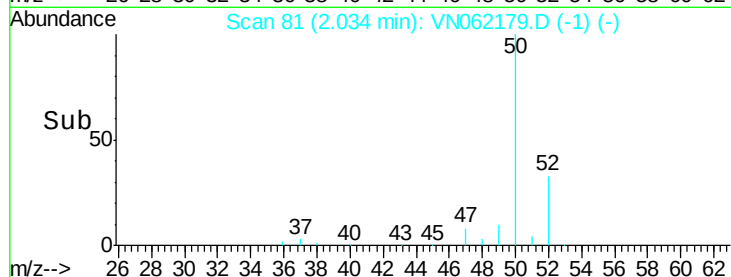
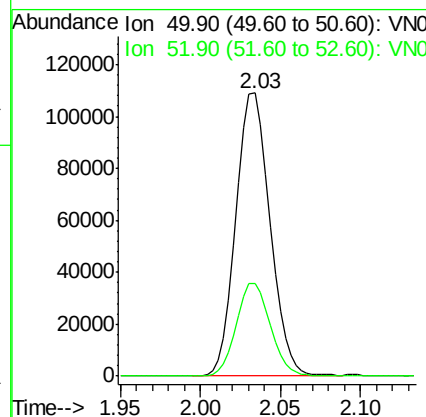
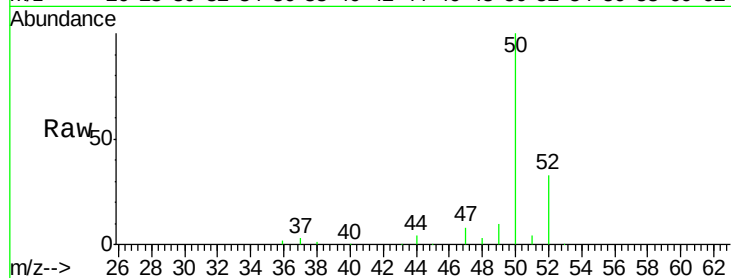
52 32.9 27.0 40.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.672 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN062179.D

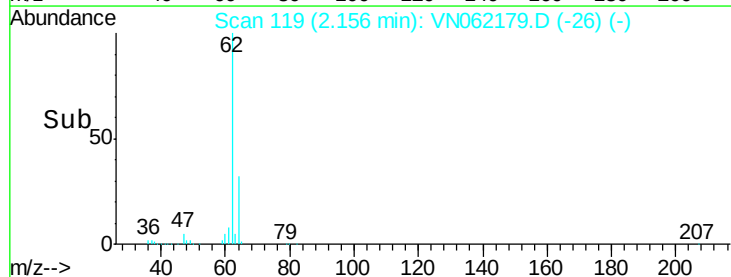
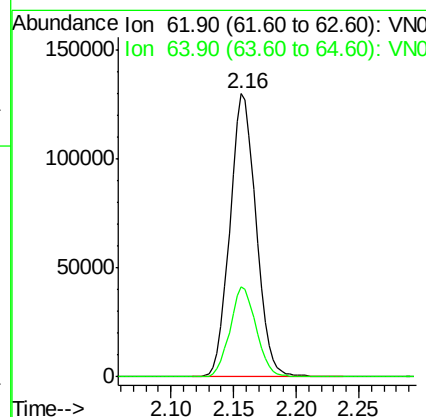
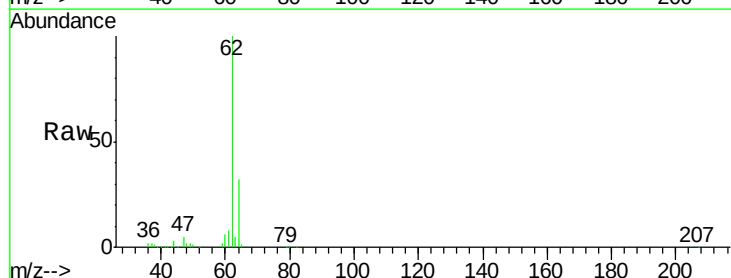
Acq: 27 Jun 2020 7:53

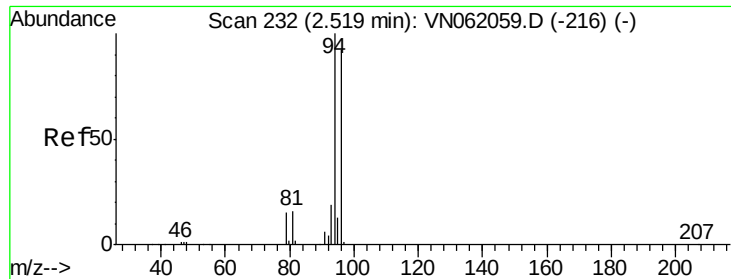
Tgt Ion: 62 Resp: 188738

Ion Ratio Lower Upper

62 100

64 31.8 25.1 37.7





#5

Bromomethane

Concen: 48.759 ug/l

RT: 2.50 min Scan# 226

Delta R.T. -0.02 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 124764

Ion Ratio Lower Upper

94 100

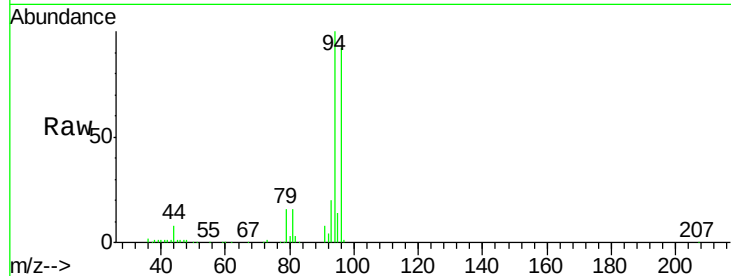
96 92.1 73.4 110.2

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN062179.D (-139) (-)

Ion 95.90 (95.60 to 96.60): VN062179.D (-139) (-)

2.50

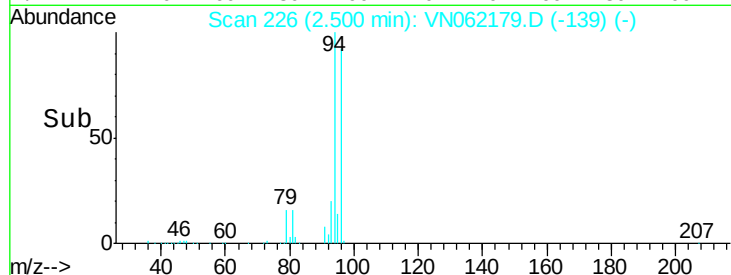
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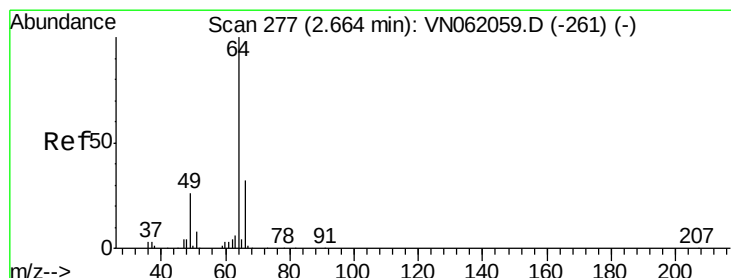
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Time-->



Time-->



#6

Chloroethane

Concen: 49.000 ug/l

RT: 2.65 min Scan# 273

Delta R.T. -0.01 min

Lab File: VN062179.D

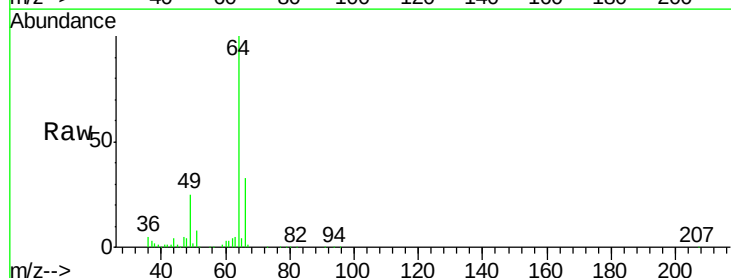
Acq: 27 Jun 2020 7:53

Tgt Ion: 64 Resp: 132521

Ion Ratio Lower Upper

64 100

66 33.3 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN062179.D (-184) (-)

Ion 65.90 (65.60 to 66.60): VN062179.D (-184) (-)

2.65

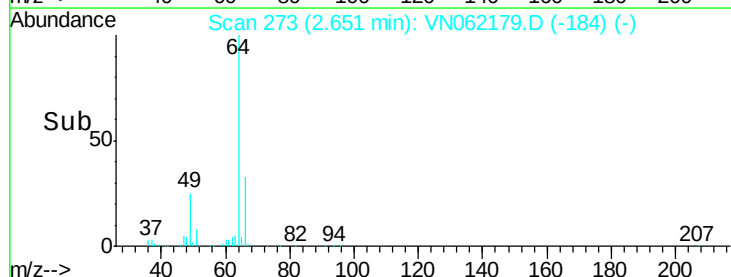
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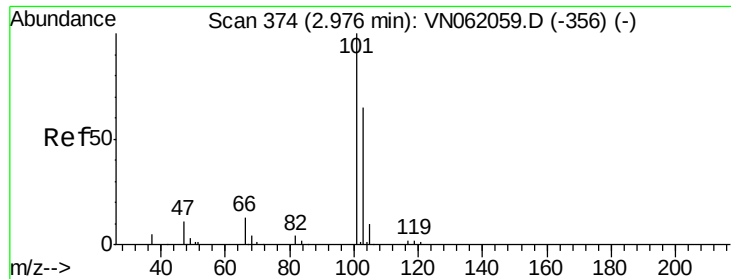
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Time-->





#7

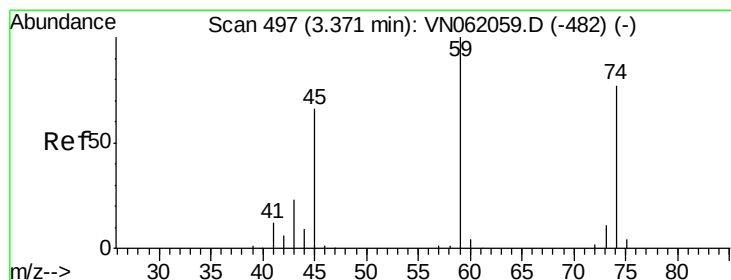
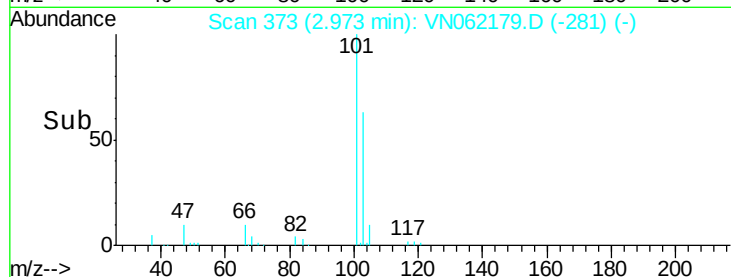
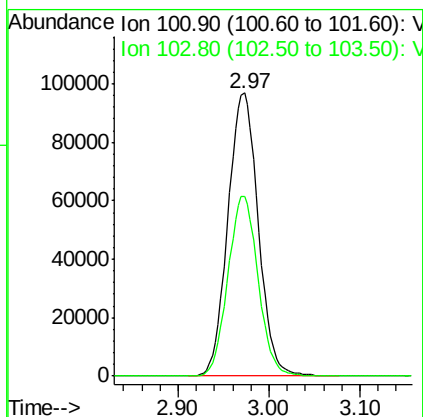
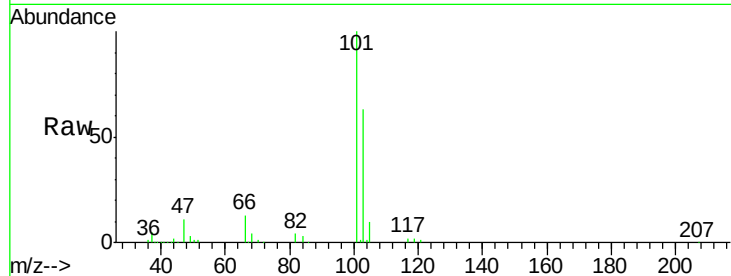
Trichlorofluoromethane
Concen: 46.004 ug/l
RT: 2.97 min Scan# 373
Delta R.T. -0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.4	51.8	77.6

Manual Integrations
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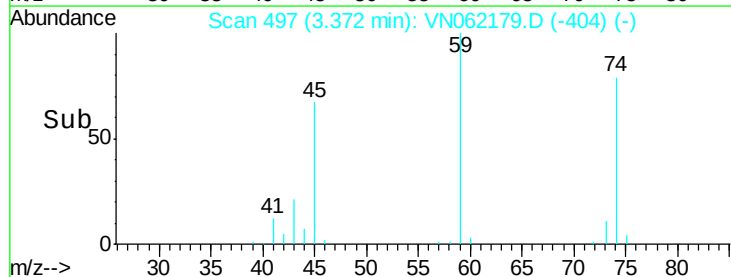
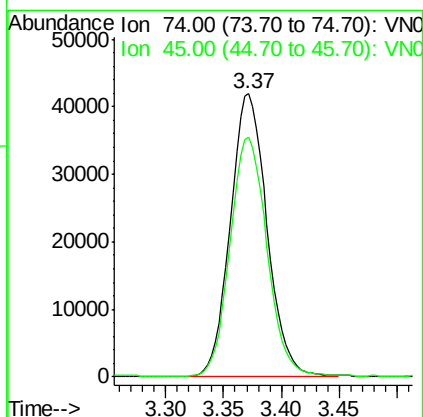
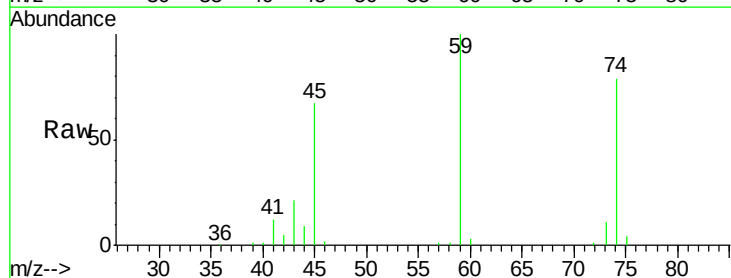
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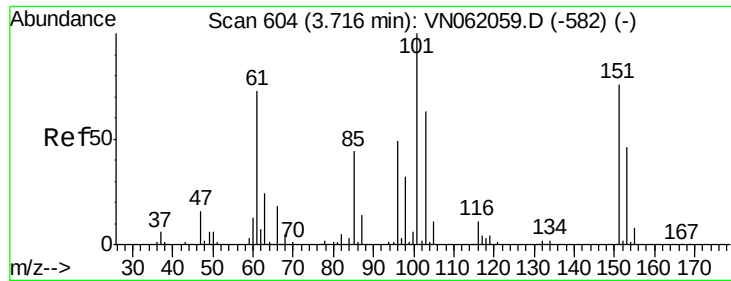


#8

Diethyl Ether
Concen: 54.039 ug/l
RT: 3.37 min Scan# 497
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Tgt Ion	Ratio	Lower	Upper
74	100		
45	85.7	42.5	127.5





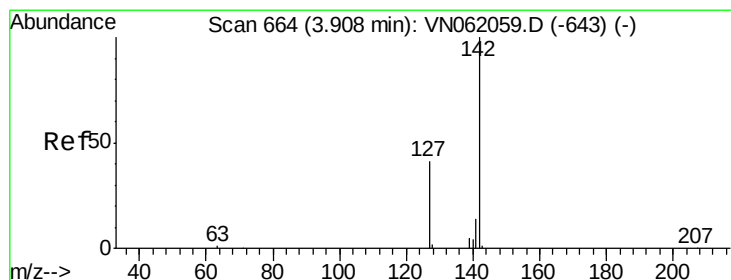
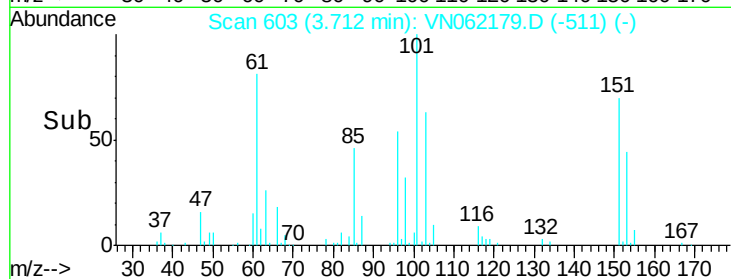
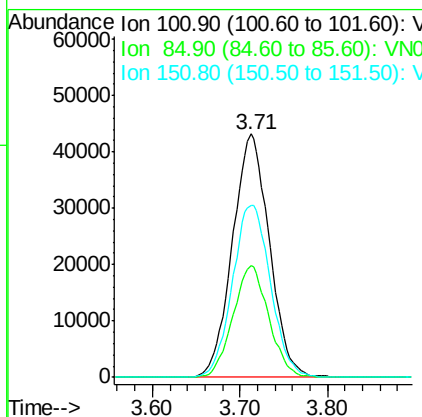
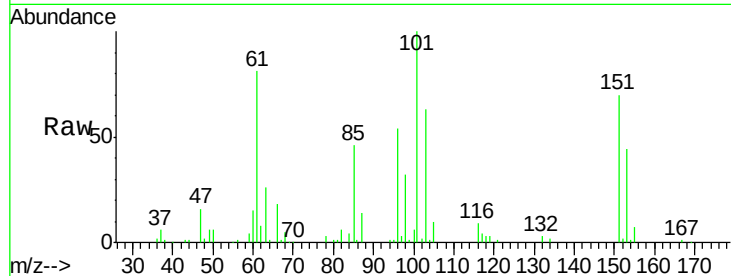
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.561 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: VN062179.D
 Acq: 27 Jun 2020 7:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp Lower	Resp Upper
101	100		
85	44.3	34.5	51.7
151	72.7	57.8	86.8

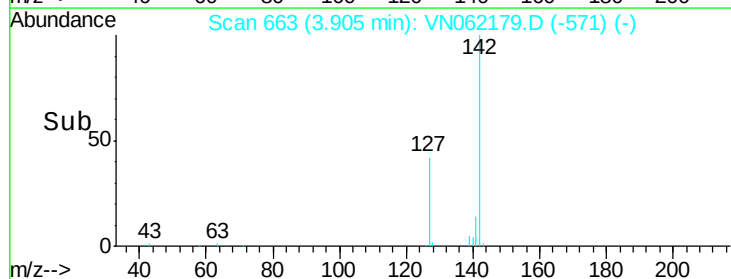
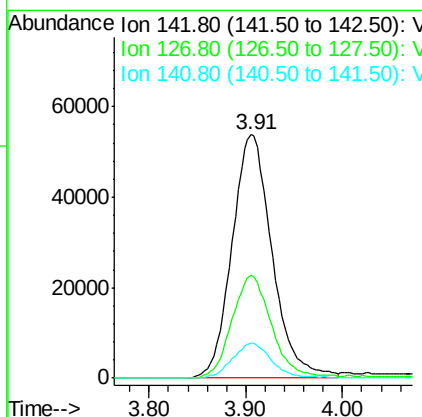
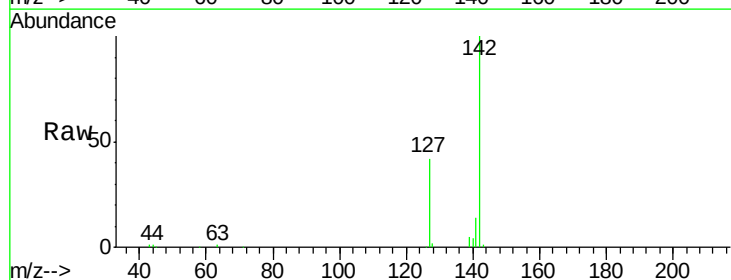
Manual Integrations
 APPROVED

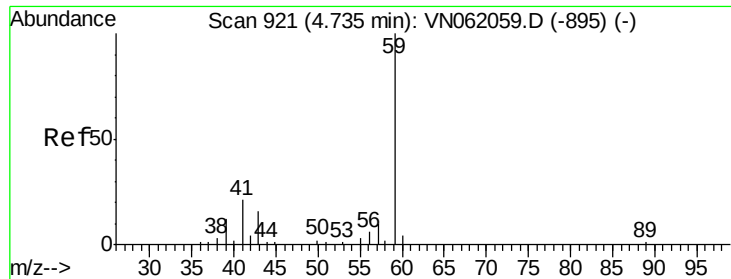
MMDadoda
 6/29/2020 12:36:02 PM



#10
 Methyl Iodide
 Concen: 53.966 ug/l
 RT: 3.91 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: VN062179.D
 Acq: 27 Jun 2020 7:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
142	100		
127	41.8	33.6	50.4
141	14.0	11.3	16.9





#11

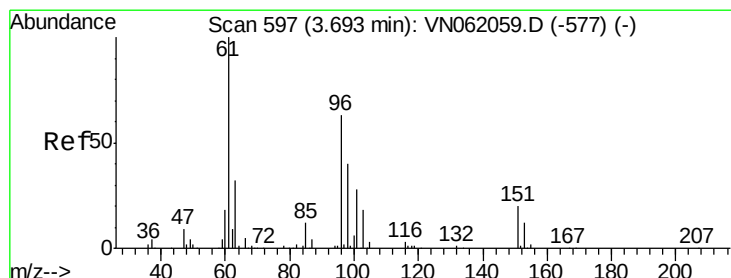
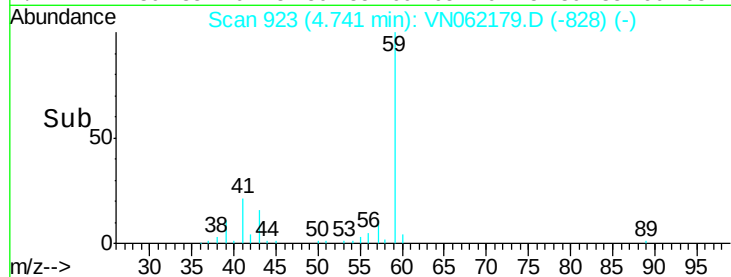
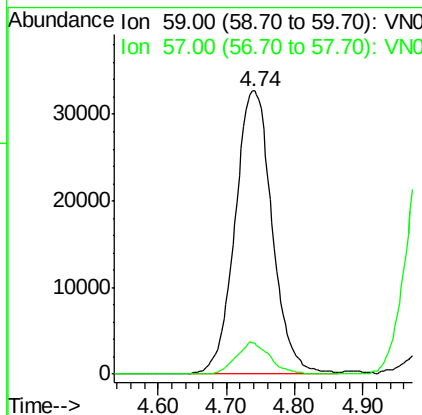
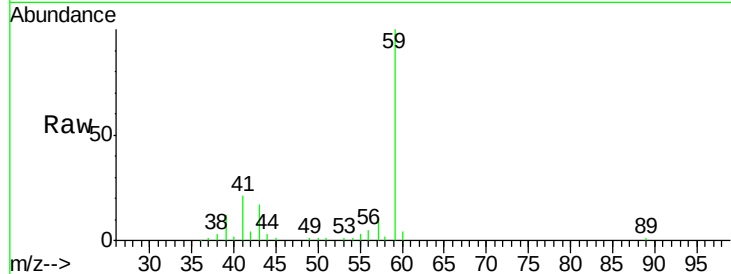
Tert butyl alcohol
Concen: 275.922 ug/l
RT: 4.74 min Scan# 923
Delta R.T. 0.01 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
59	100	123653		
57	10.1		8.3	12.5

Manual Integrations
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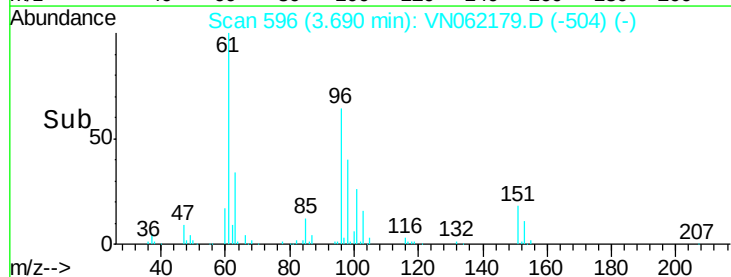
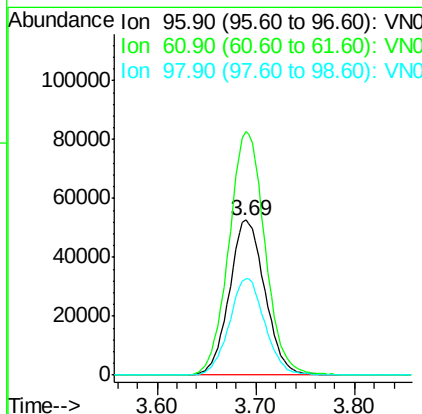
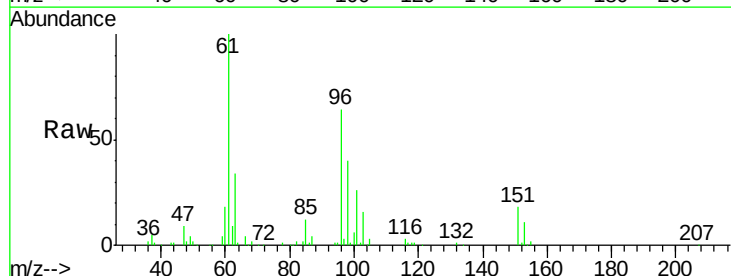
MMDadoda
6/29/2020 12:36:02 PM

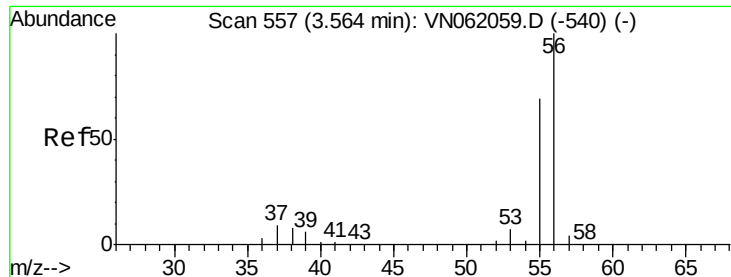


#12

1,1-Dichloroethene
Concen: 51.738 ug/l
RT: 3.69 min Scan# 596
Delta R.T. -0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	132133		
61	157.0		126.7	190.1
98	62.5		51.0	76.4





#13

Acrolein

Concen: 275.970 ug/l

RT: 3.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 121085

Ion Ratio Lower Upper

56 100

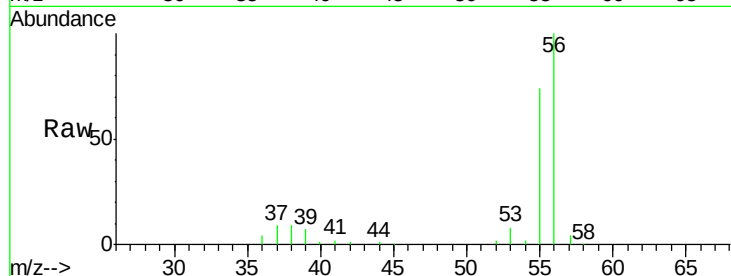
55 71.7 55.5 83.3

Manual Integrations

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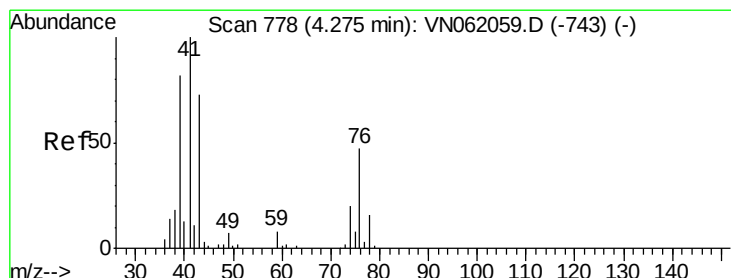
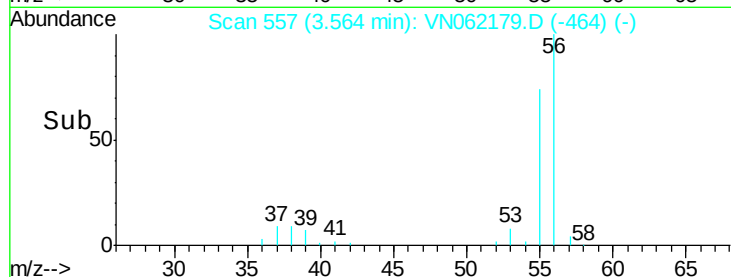
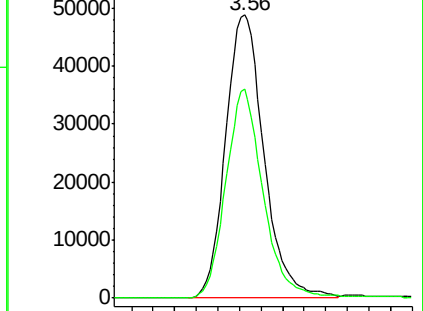
MMDadoda

6/29/2020 12:36:02 PM



Abundance Ion 56.00 (55.70 to 56.70): VN062179.D (-464) (-)

Ion 55.00 (54.70 to 55.70): VN062179.D (-464) (-)



#14

Allyl chloride

Concen: 53.546 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

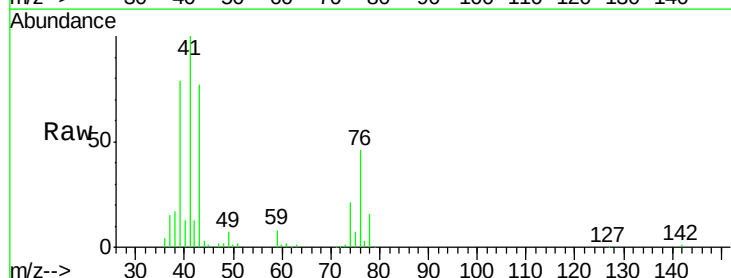
Tgt Ion: 41 Resp: 186186

Ion Ratio Lower Upper

41 100

39 74.6 60.0 90.0

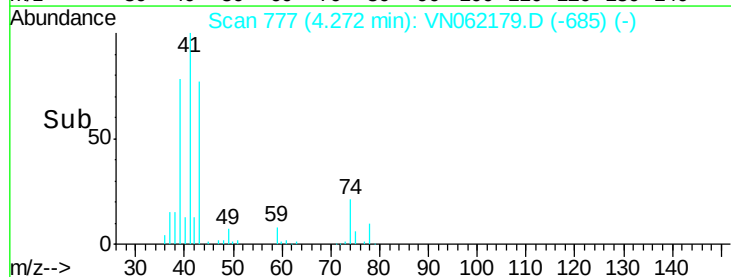
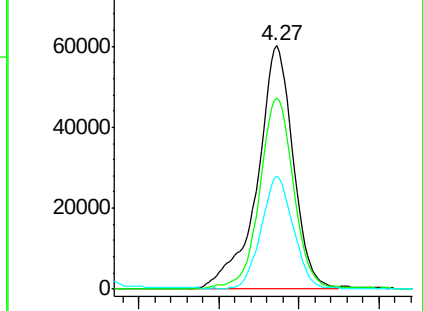
76 40.9 34.1 51.1

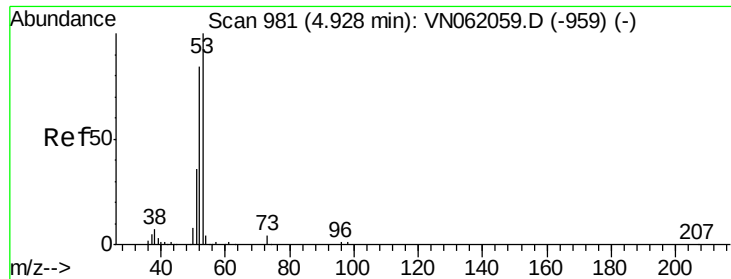


Abundance Ion 41.00 (40.70 to 41.70): VN062179.D (-685) (-)

Ion 39.00 (38.70 to 39.70): VN062179.D (-685) (-)

Ion 75.90 (75.60 to 76.60): VN062179.D (-685) (-)





#15

Acrylonitrile

Concen: 275.533 ug/l

RT: 4.93 min Scan# 981

Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Instrument :

MSVOA_N

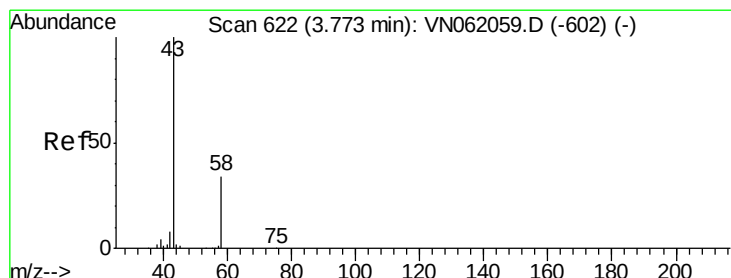
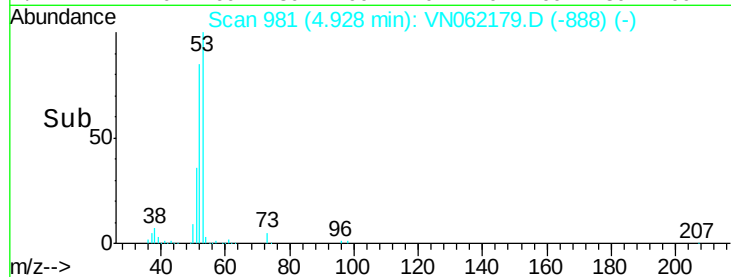
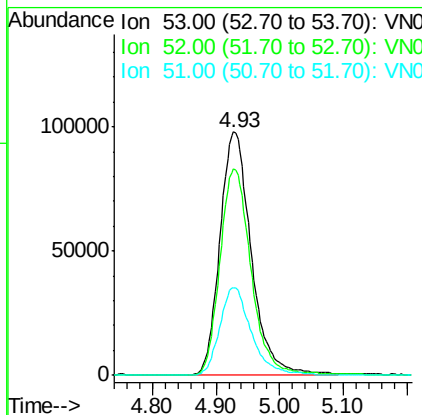
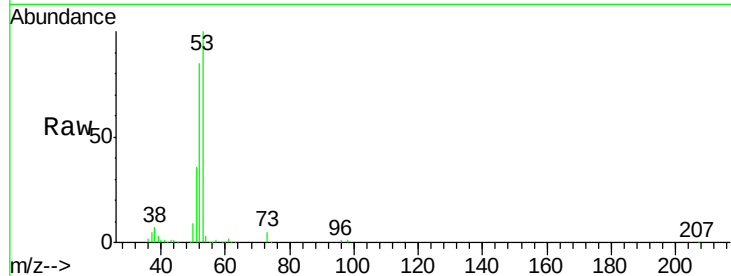
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	336485
Ion Ratio		Lower	Upper
53	100		
52	83.2	66.2	99.4
51	36.6	28.9	43.3

Manual Integrations
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#16

Acetone

Concen: 272.672 ug/l

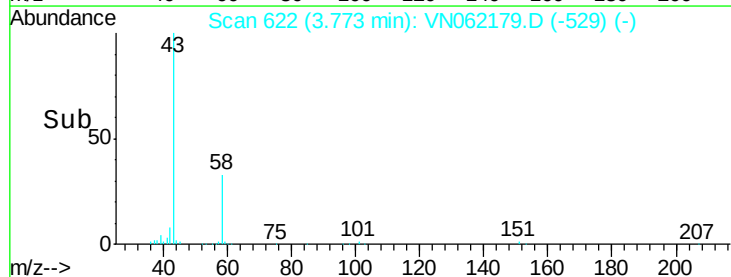
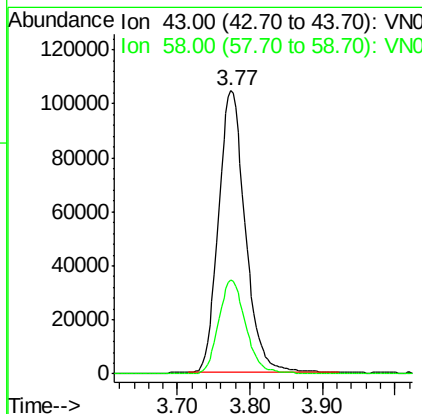
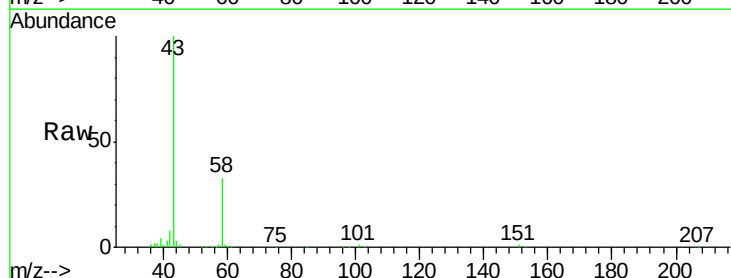
RT: 3.77 min Scan# 622

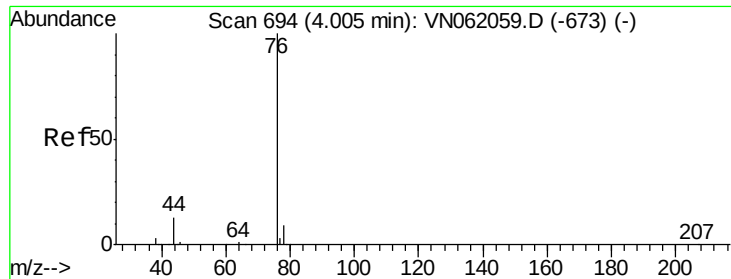
Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Tgt Ion:	43	Resp:	266783
Ion Ratio		Lower	Upper
43	100		
58	33.3	27.5	41.3





#17

Carbon Disulfide

Concen: 51.496 ug/l

RT: 4.00 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 376708

Ion Ratio Lower Upper

76 100

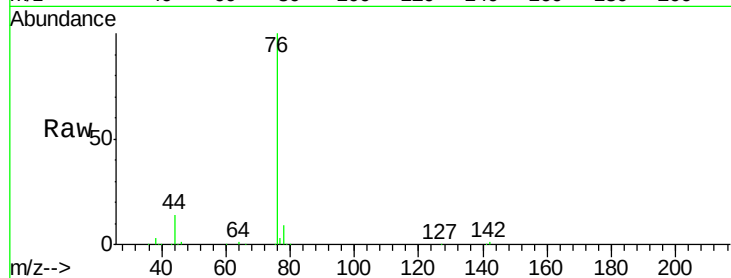
78 8.9 7.2 10.8

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

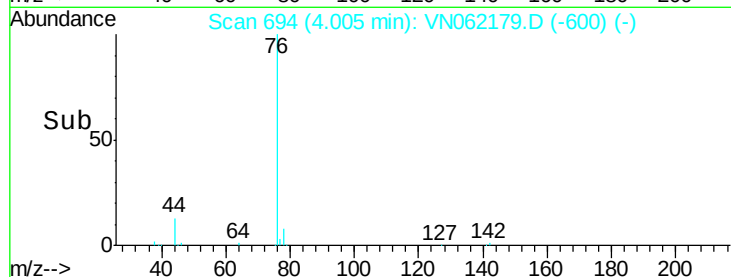
150000

100000

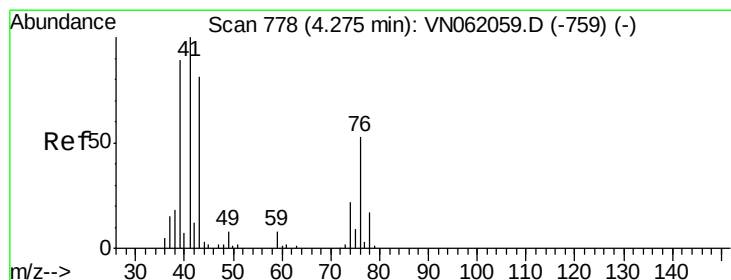
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 55.617 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062179.D

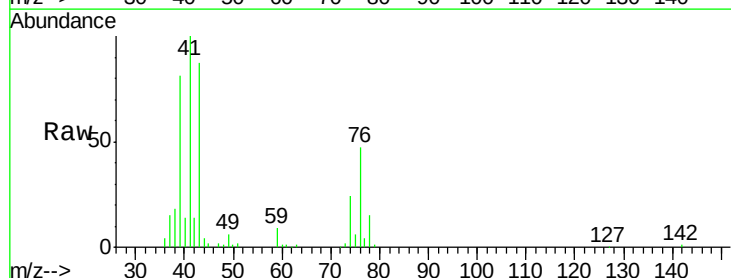
Acq: 27 Jun 2020 7:53

Tgt Ion: 43 Resp: 137999

Ion Ratio Lower Upper

43 100

74 28.0 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

50000

40000

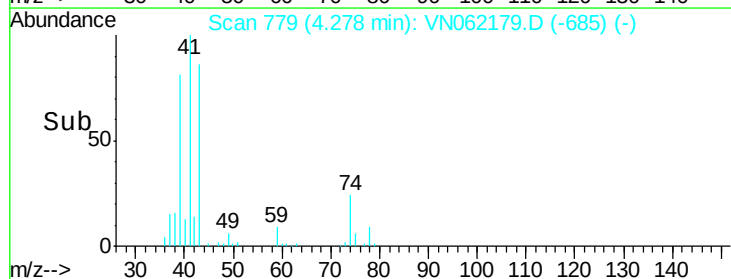
30000

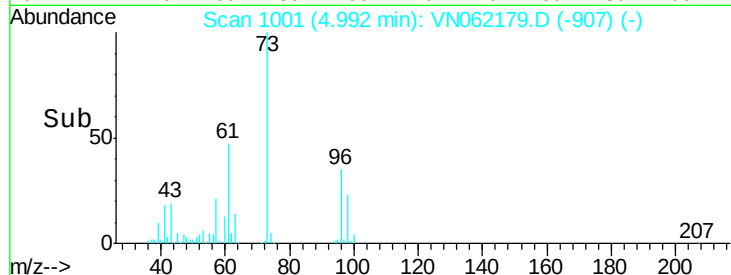
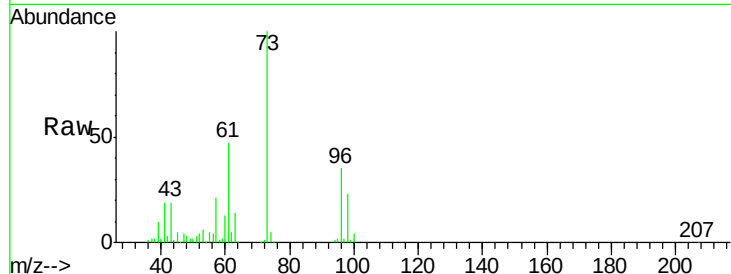
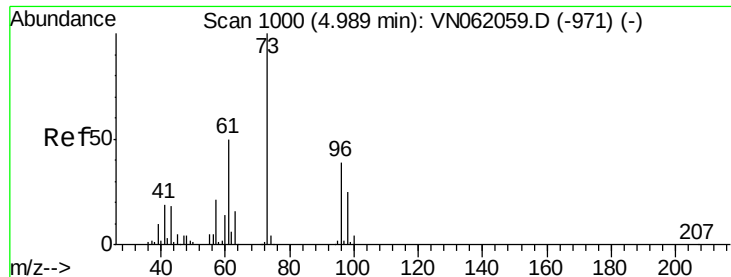
20000

10000

0

Time-->





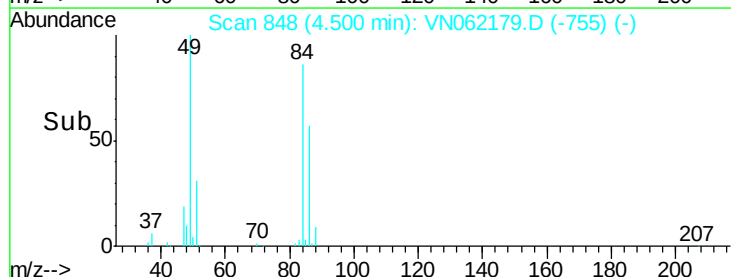
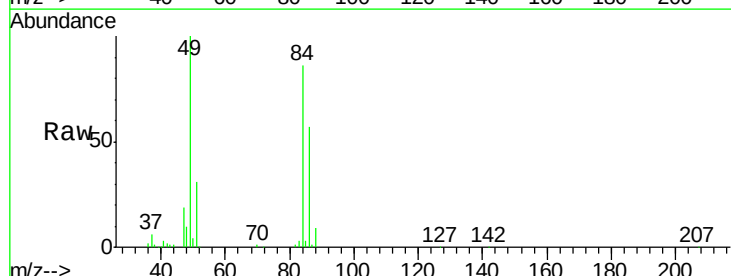
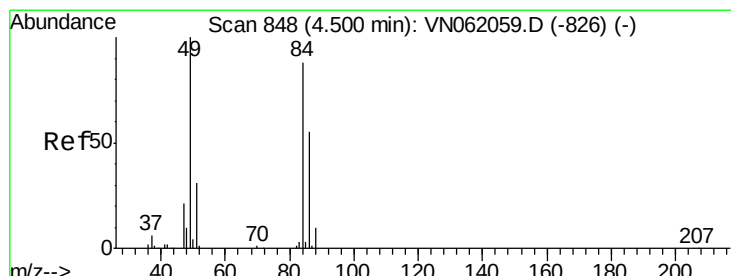
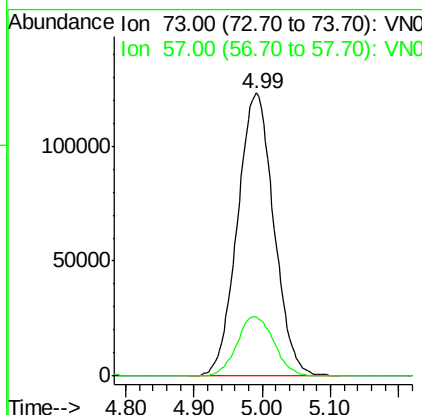
#19
Methyl tert-butyl Ether
Concen: 55.877 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Tot Ion: 73 Resp: 456000
Ion Ratio Lower Upper
73 100
57 20.8 16.6 24.8

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

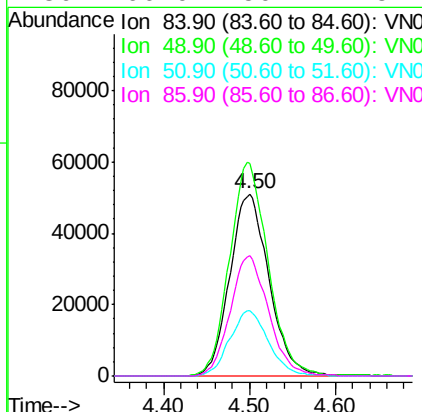
Manual Integrations
APPROVED

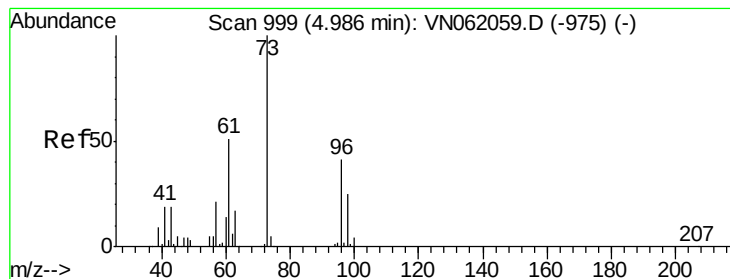
MMDadoda
6/29/2020 12:36:02 PM



#20
Methylene Chloride
Concen: 56.421 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Tgt Ion: 84 Resp: 161584
Ion Ratio Lower Upper
84 100
49 116.6 90.6 136.0
51 35.7 27.8 41.8
86 66.0 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 50.195 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Instrument :

MSVOA_N

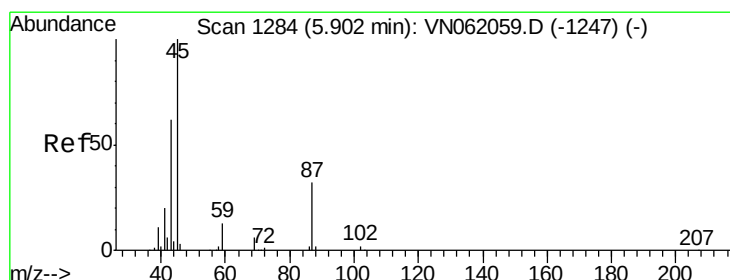
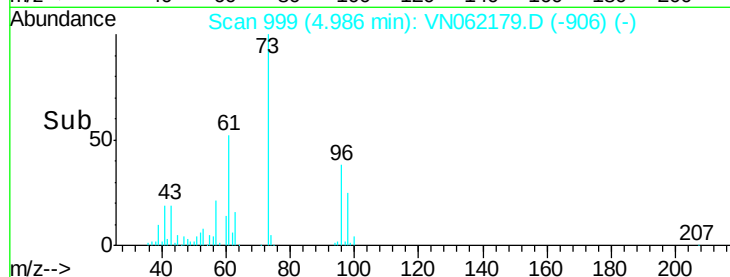
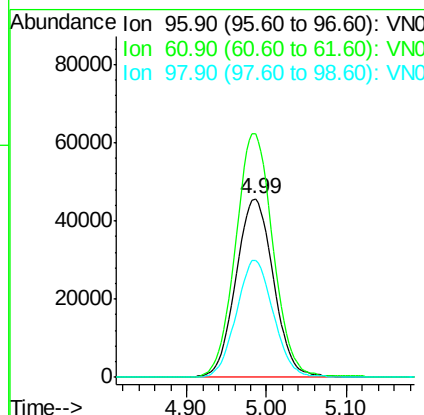
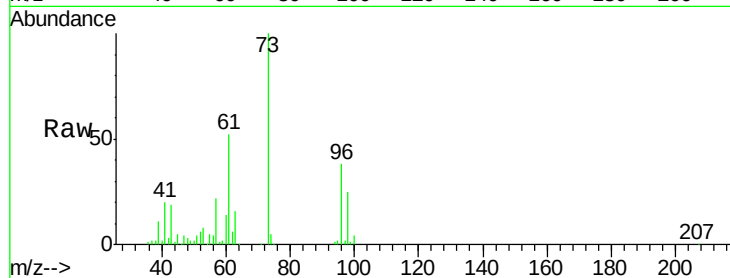
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	146037
Ion	Ratio	Lower	Upper
96	100		
61	136.0	101.4	152.2
98	65.2	49.3	73.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 56.527 ug/l

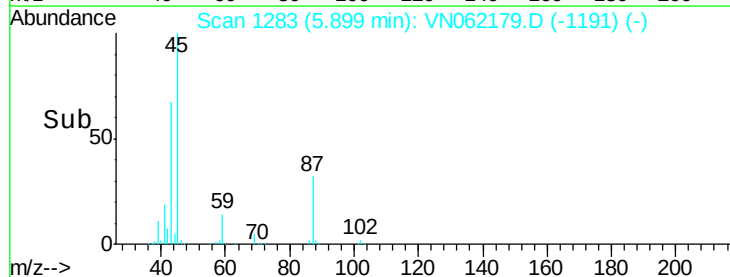
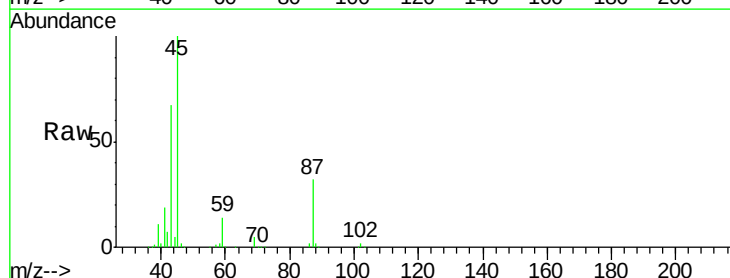
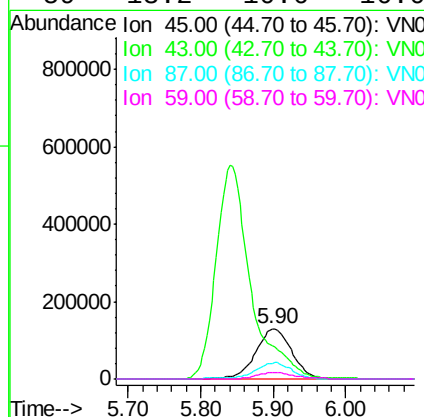
RT: 5.90 min Scan# 1283

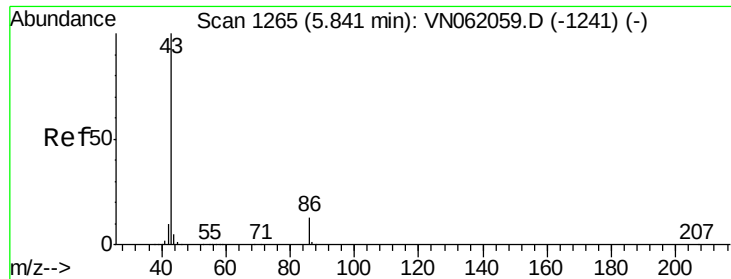
Delta R.T. -0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Tgt Ion:	45	Resp:	447524
Ion	Ratio	Lower	Upper
45	100		
43	64.5	49.7	74.5
87	31.7	25.9	38.9
59	13.2	10.6	16.0





#23

Vinyl Acetate

Concen: 285.086 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1842736

Ion Ratio Lower Upper

43 100

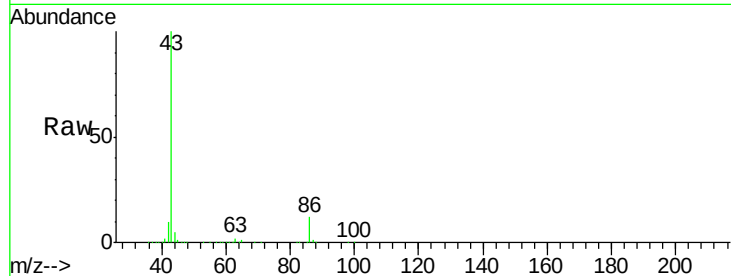
86 12.0 10.1 15.1

Manual Integrations

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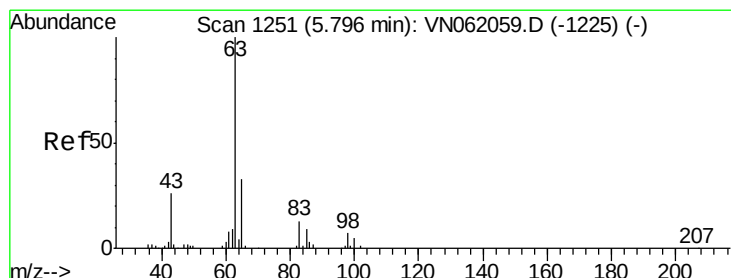
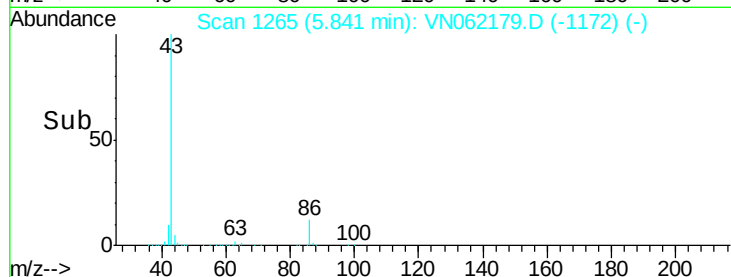
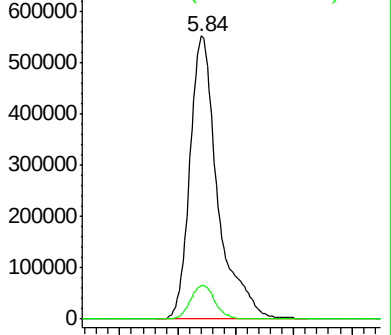
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 53.251 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

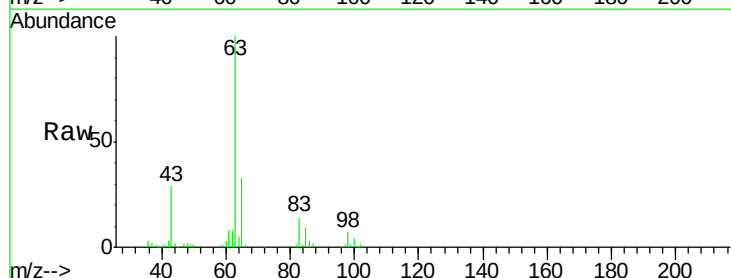
Tgt Ion: 63 Resp: 271477

Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.9

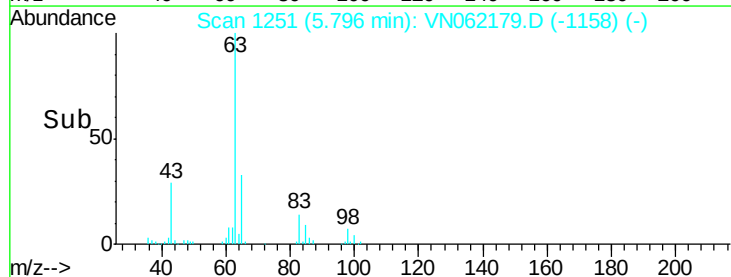
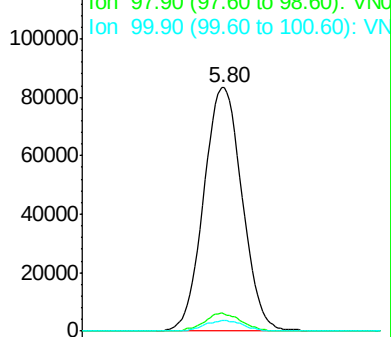
100 4.3 2.4 7.1

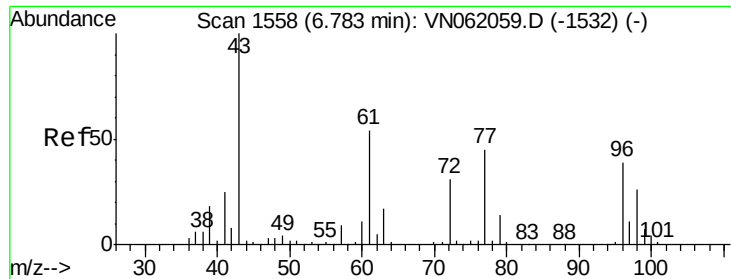


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 269.484 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 411134

Ion Ratio Lower Upper

43 100

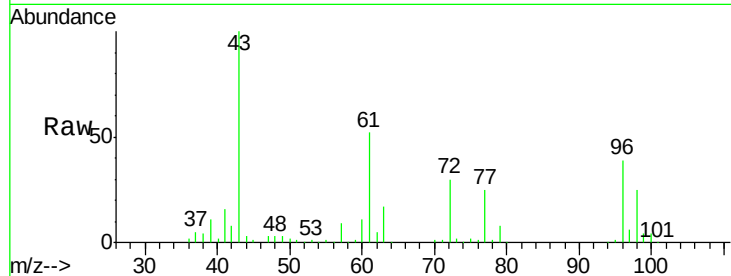
72 29.8 24.8 37.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN062179.D (-1465) (-)

Ion 72.00 (71.70 to 72.70): VN062179.D (-1465) (-)

6.79

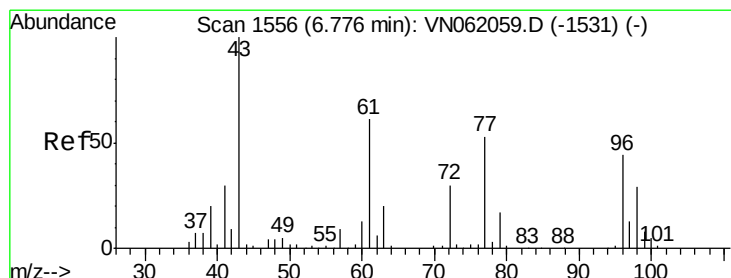
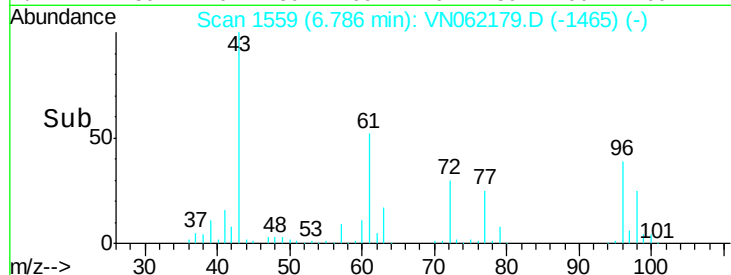
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 32.522 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. 0.00 min

Lab File: VN062179.D

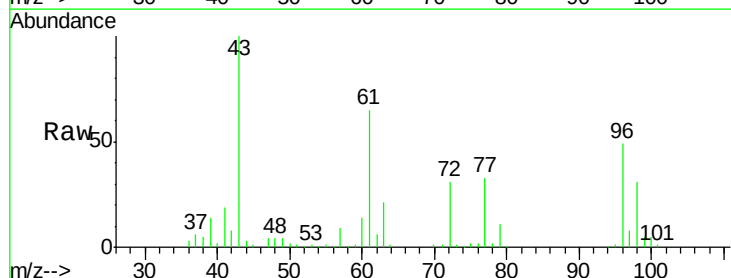
Acq: 27 Jun 2020 7:53

Tgt Ion: 77 Resp: 138165

Ion Ratio Lower Upper

77 100

97 24.6 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VN062179.D (-1463) (-)

Ion 96.90 (96.60 to 97.60): VN062179.D (-1463) (-)

6.78

50000

40000

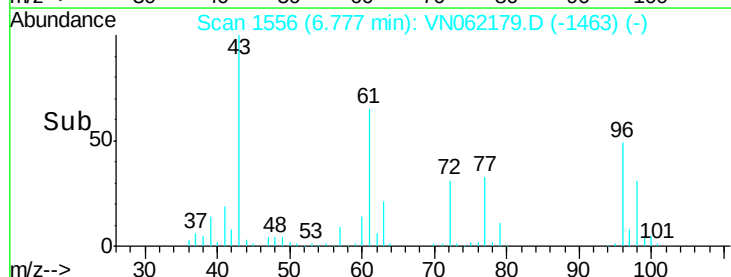
30000

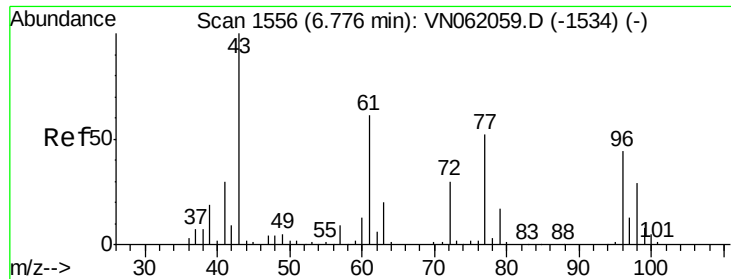
20000

10000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 55.930 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. 0.00 min

Lab File: VN062179.D

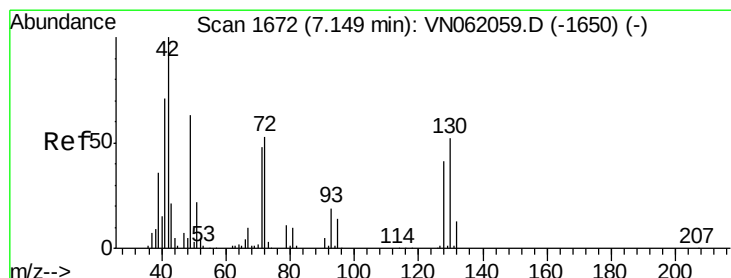
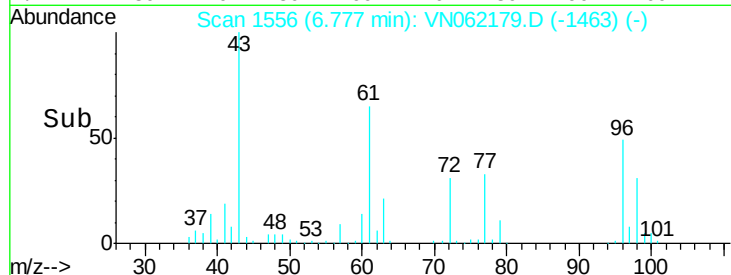
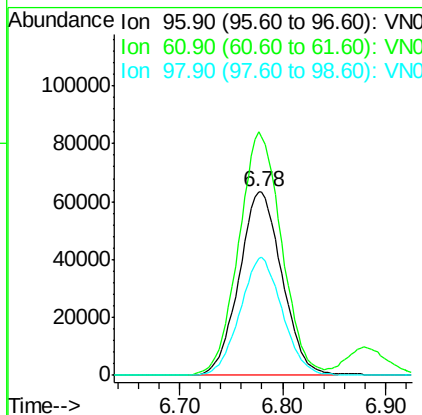
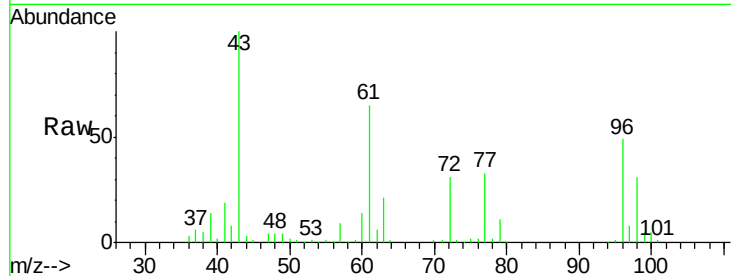
Acq: 27 Jun 2020 7:53

Tot Ion	96	Resp	183105
Ion Ratio	Lower	Upper	
96	100		
61	132.3	0.0	280.4
98	63.2	0.0	129.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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6/29/2020 12:36:02 PM



#28

Bromochloromethane

Concen: 52.933 ug/l

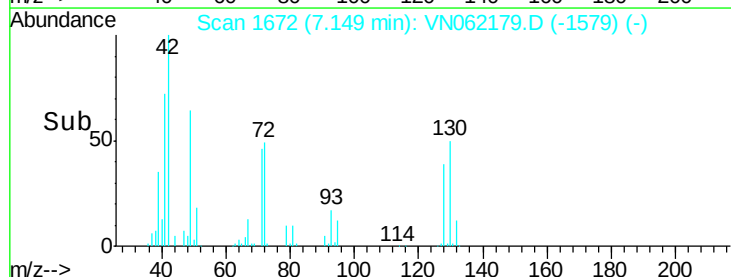
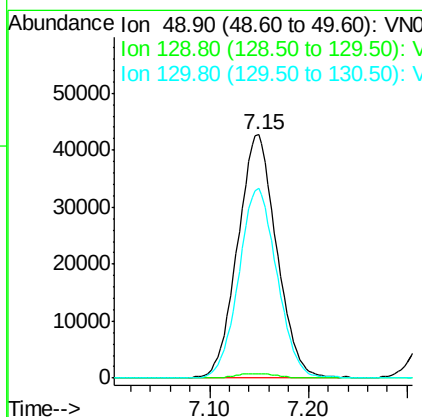
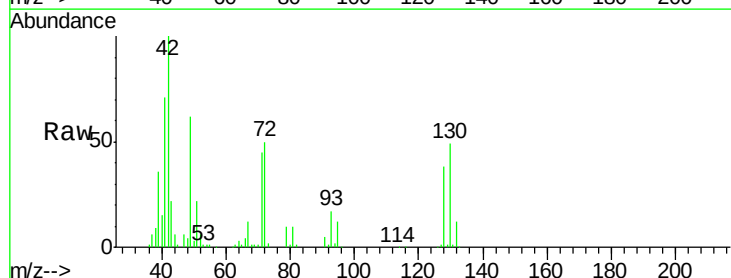
RT: 7.15 min Scan# 1672

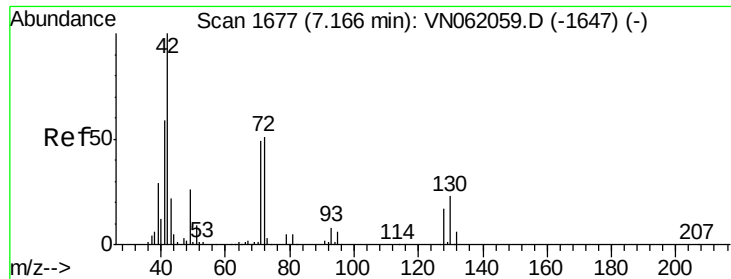
Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Tgt Ion	49	Resp	117086
Ion Ratio	Lower	Upper	
49	100		
129	1.0	0.0	4.4
130	76.4	65.5	98.3





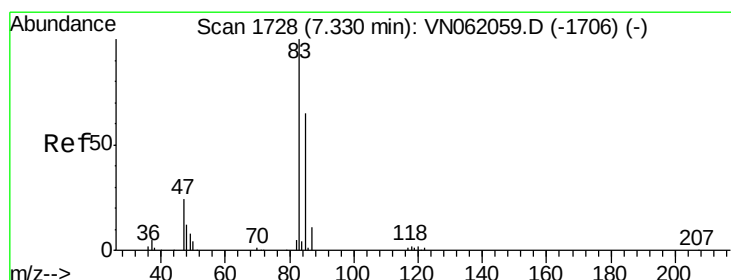
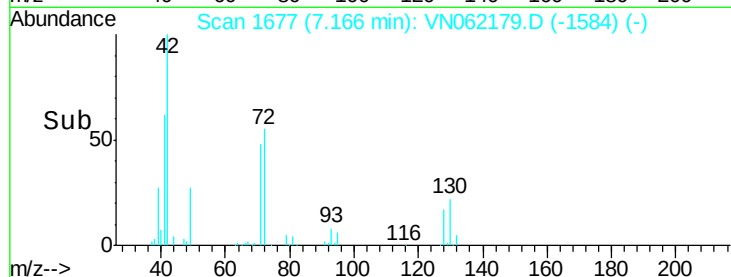
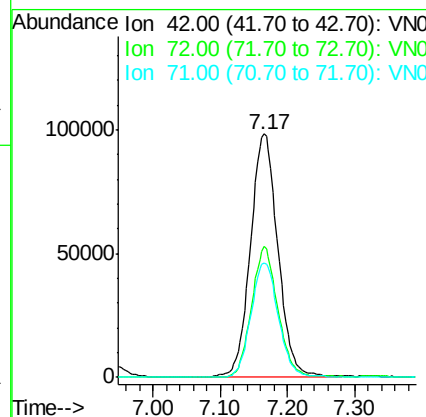
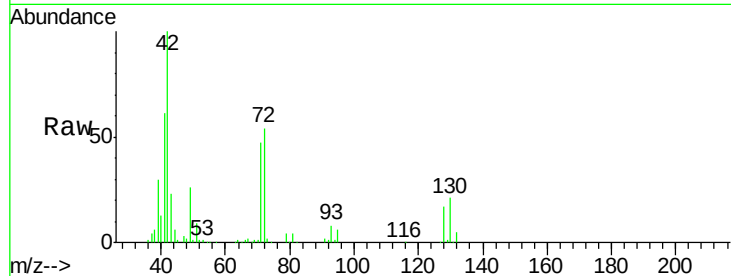
#29
Tetrahydrofuran
Concen: 279.740 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.1	41.1	61.7
71	46.9	38.2	57.4

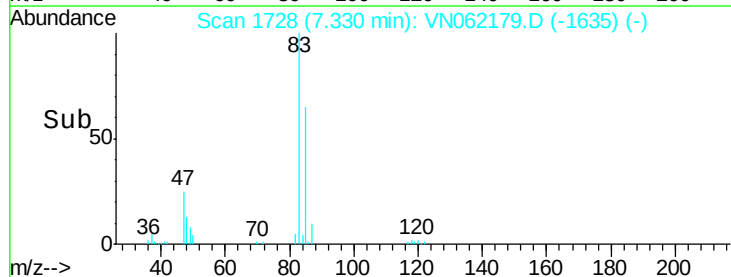
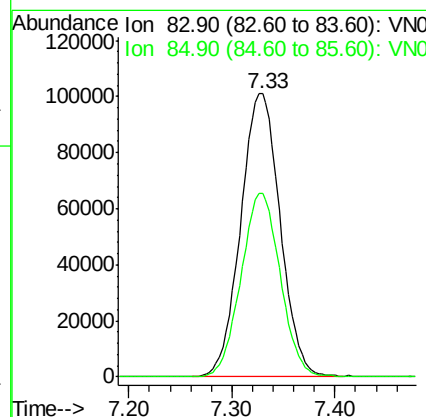
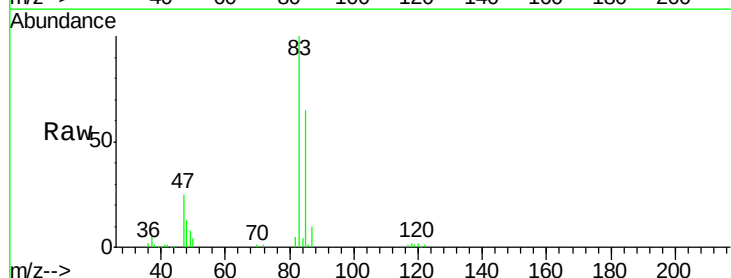
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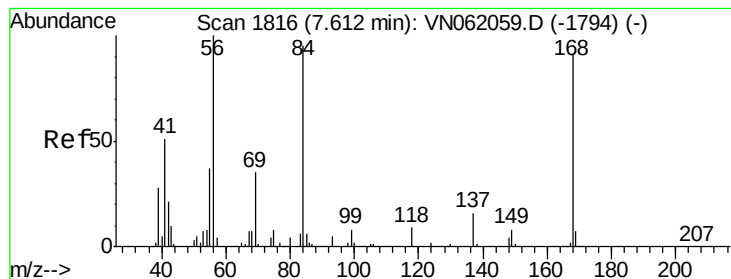
MMDadoda
6/29/2020 12:36:02 PM



#30
Chloroform
Concen: 51.920 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.3	78.5





#31

Cyclohexane

Concen: 52.794 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Instrument :

MSVOA_N

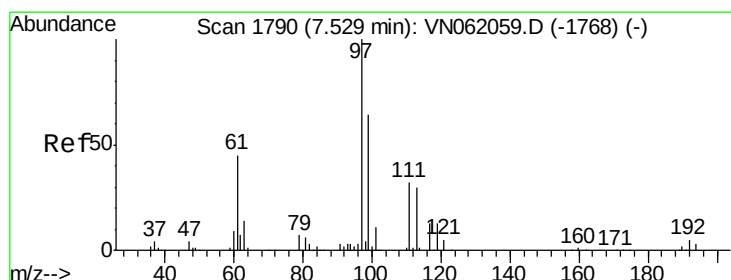
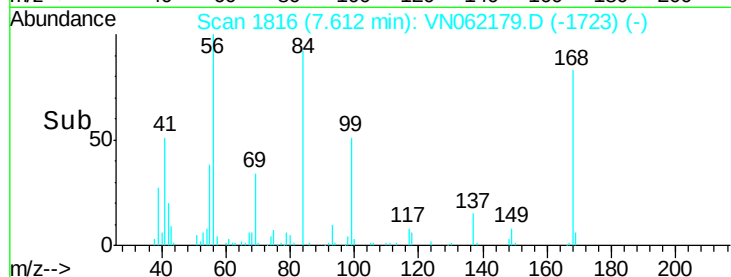
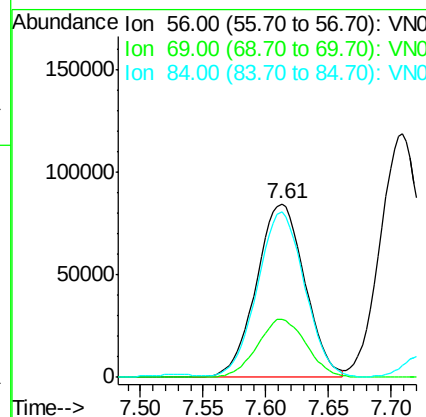
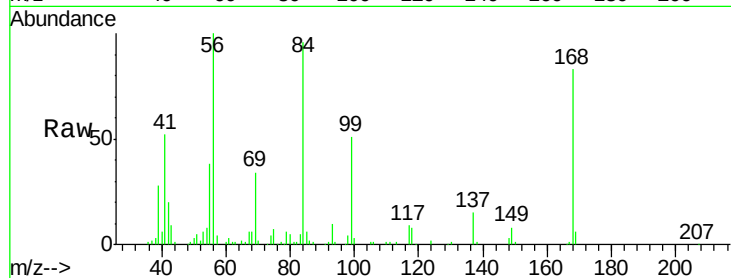
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	227664
Ion Ratio	Lower	Upper	
56	100		
69	33.7	28.0	42.0
84	94.5	76.1	114.1

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#32

1,1,1-Trichloroethane

Concen: 51.642 ug/l

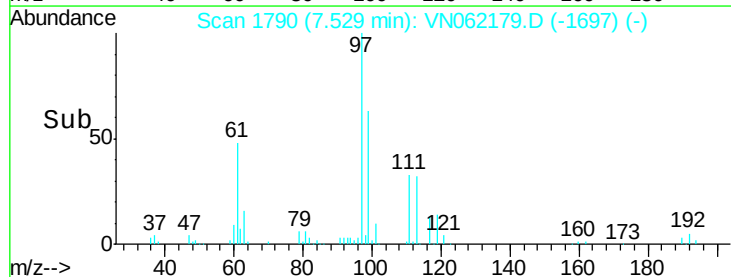
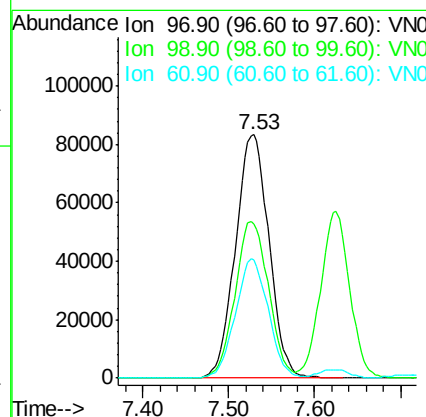
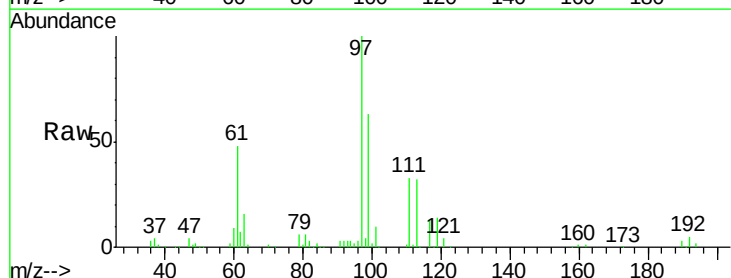
RT: 7.53 min Scan# 1790

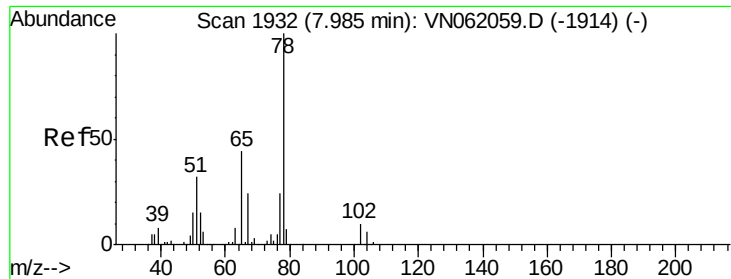
Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Tgt Ion:	97	Resp:	225894
Ion Ratio	Lower	Upper	
97	100		
99	64.2	51.0	76.4
61	47.9	36.2	54.2





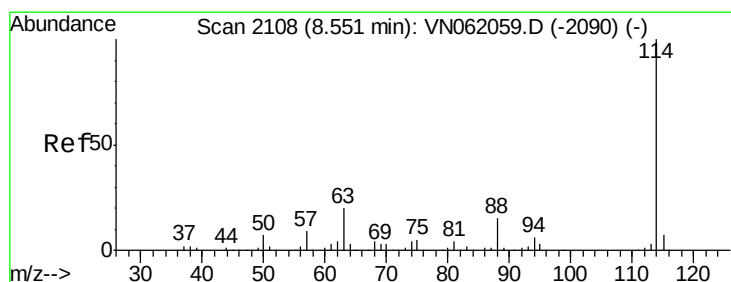
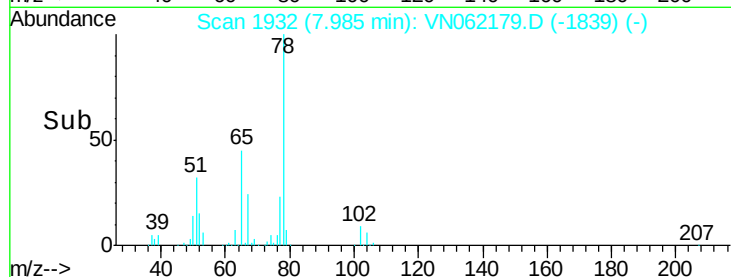
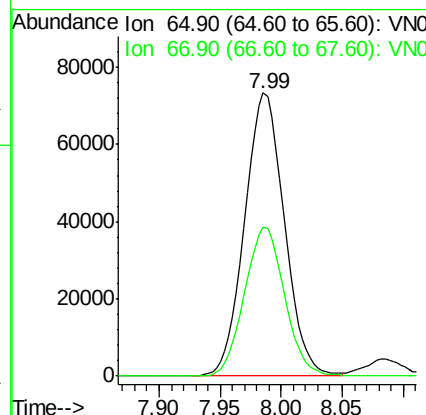
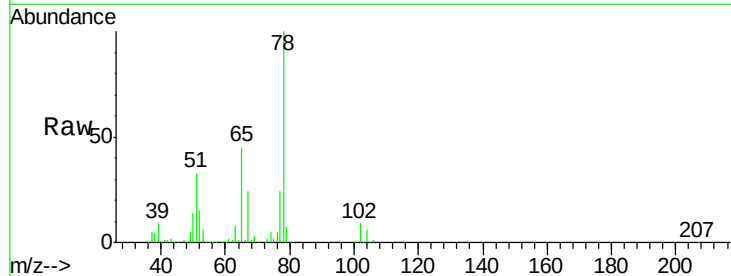
#33
 1,2-Dichloroethane-d4
 Concen: 52.947 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. 0.00 min
 Lab File: VN062179.D
 Acq: 27 Jun 2020 7:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	165262		
67	53.1	0.0	106.2	

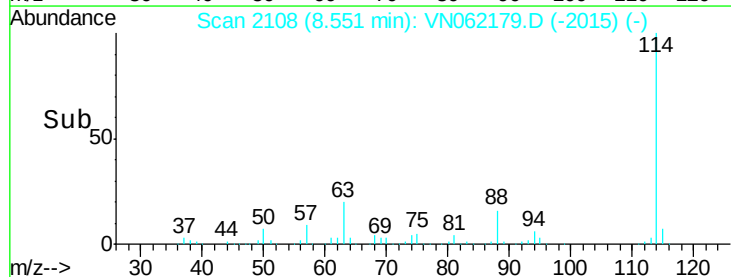
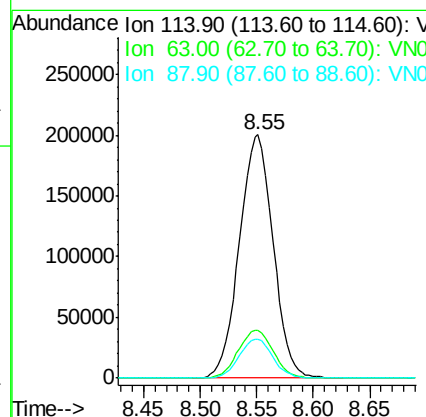
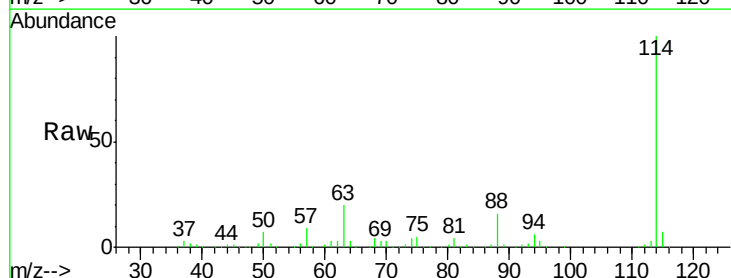
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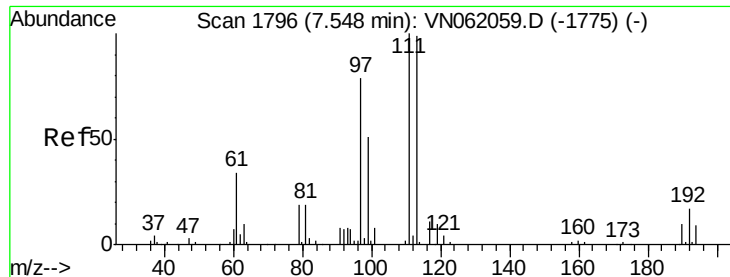
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062179.D
 Acq: 27 Jun 2020 7:53

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	417396		
63	19.7	0.0	39.2	
88	16.1	0.0	30.8	





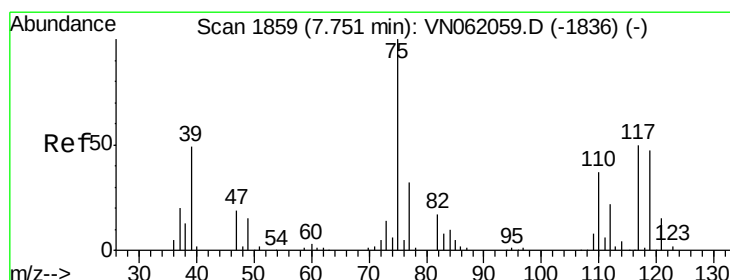
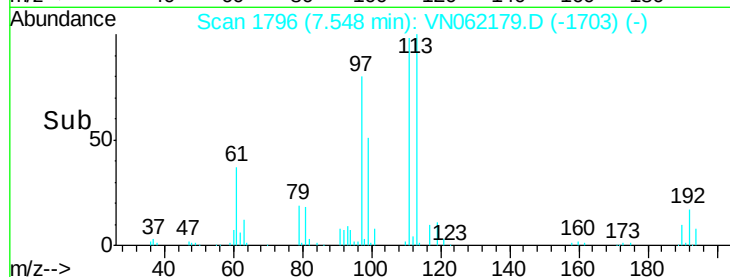
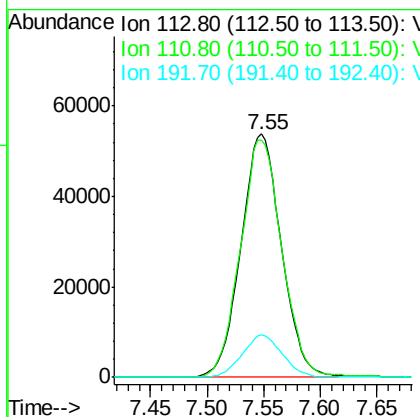
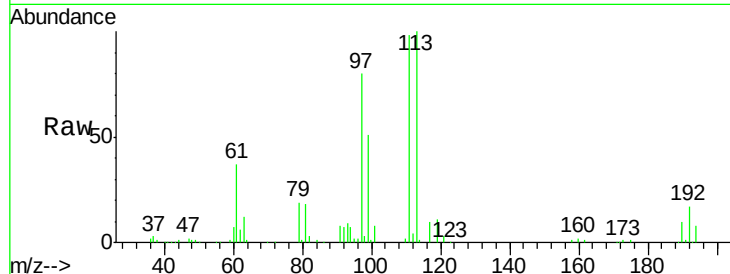
#35
 Dibromofluoromethane
 Concen: 49.937 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062179.D
 Acq: 27 Jun 2020 7:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	133721		
111	100.4	82.2	123.4	
192	17.2	14.0	21.0	

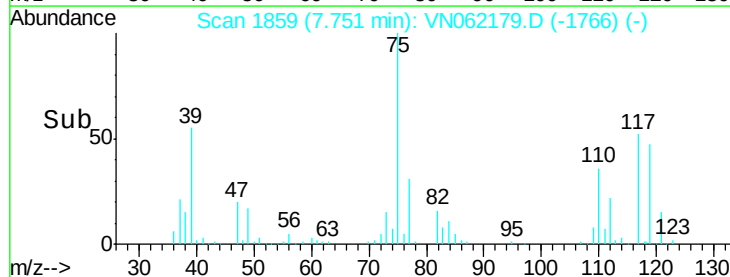
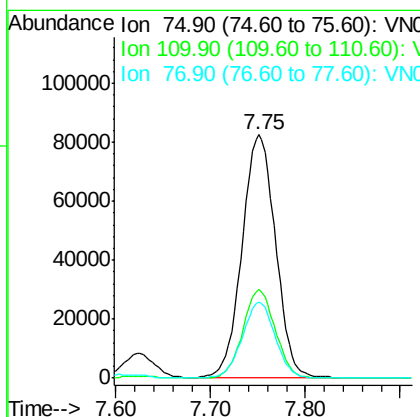
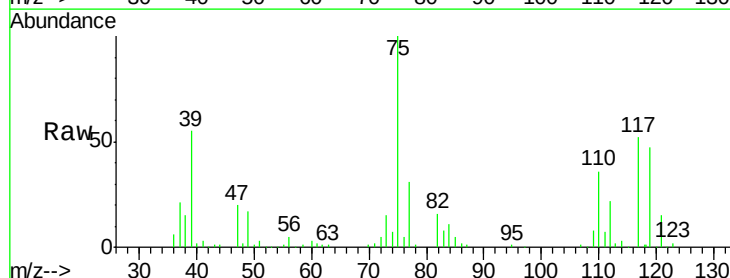
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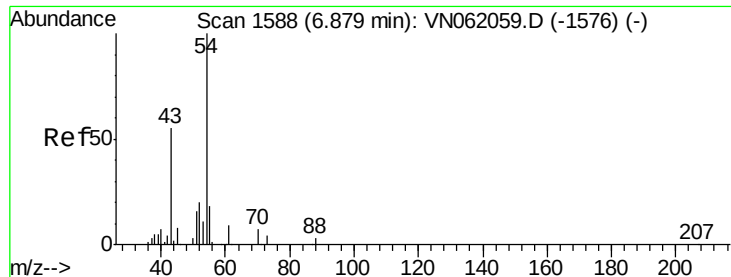
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 48.170 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN062179.D
 Acq: 27 Jun 2020 7:53

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	202094		
110	35.2	17.9	53.8	
77	30.9	24.9	37.3	





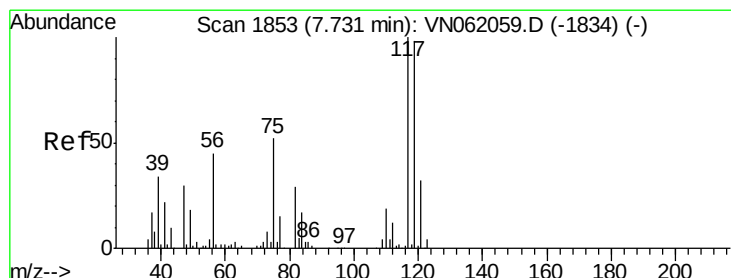
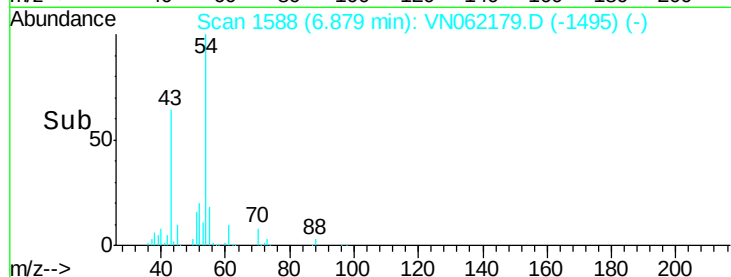
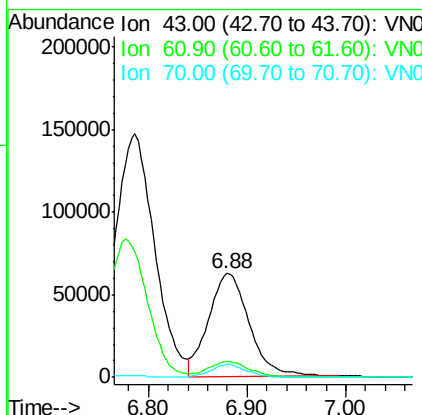
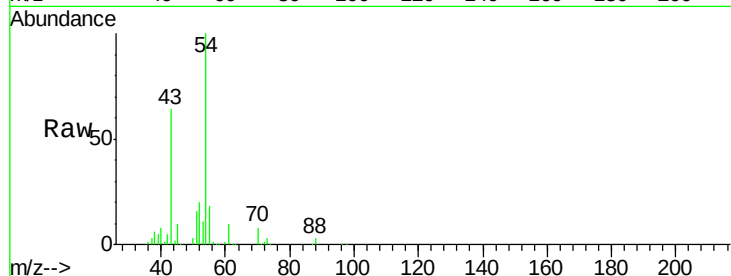
#37
Ethyl Acetate
Concen: 51.968 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
61	15.0	12.0	18.0	
70	11.1	9.6	14.4	

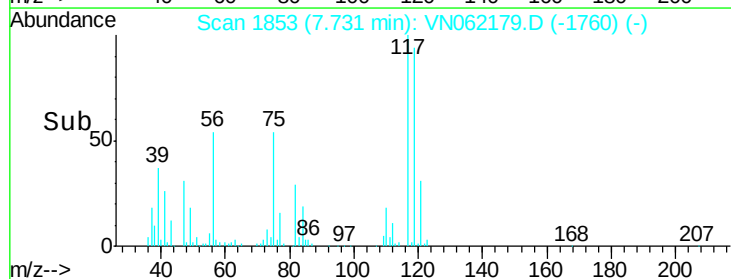
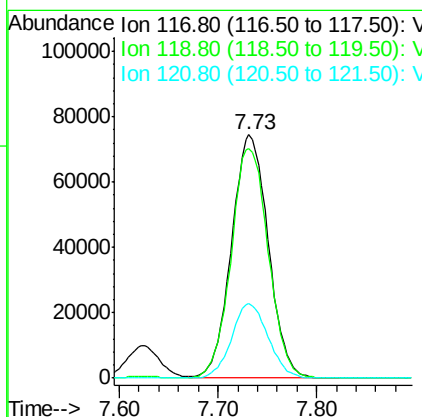
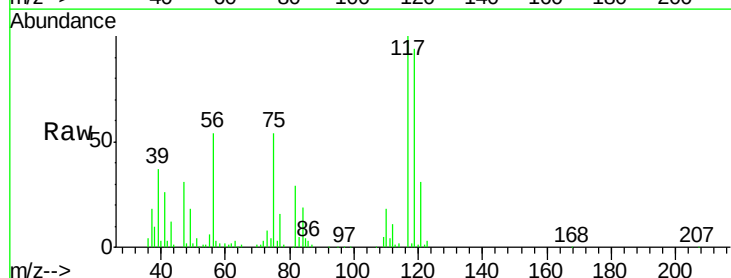
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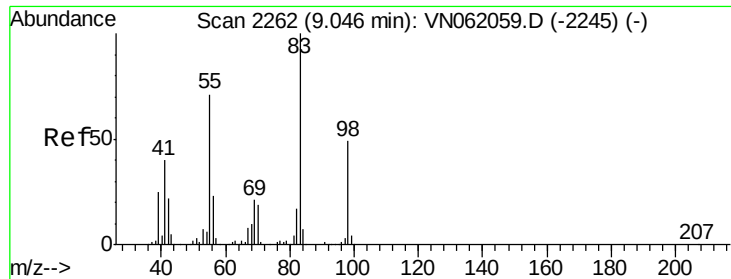
MMDadoda
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#38
Carbon Tetrachloride
Concen: 48.787 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.2	78.2	117.2	
121	30.5	25.8	38.6	





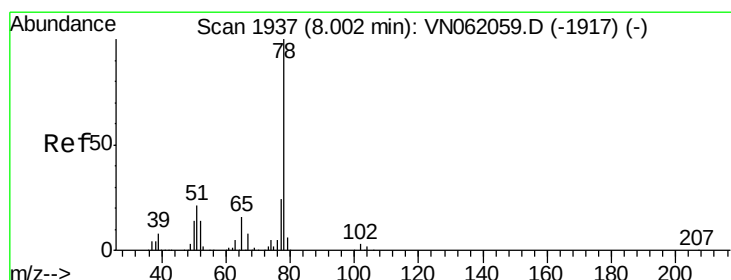
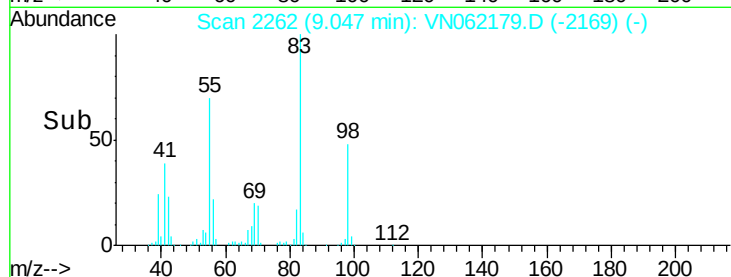
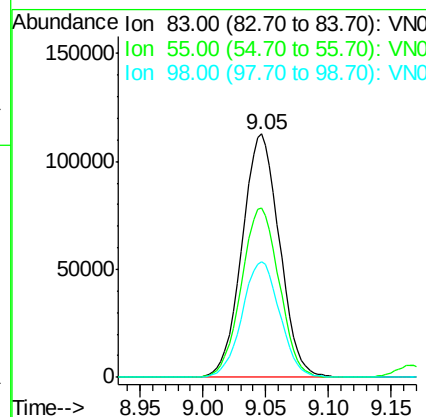
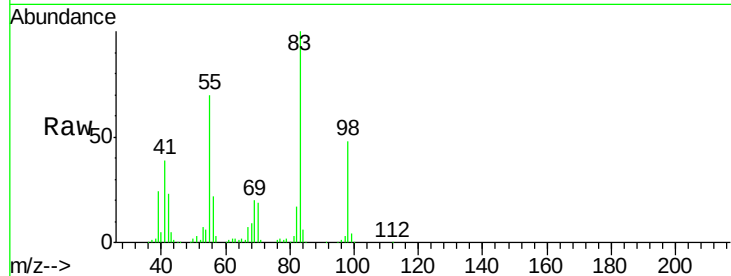
#39
Methylvlcyclohexane
Concen: 50.921 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	69.7		57.0	85.6
98	47.7		39.0	58.6

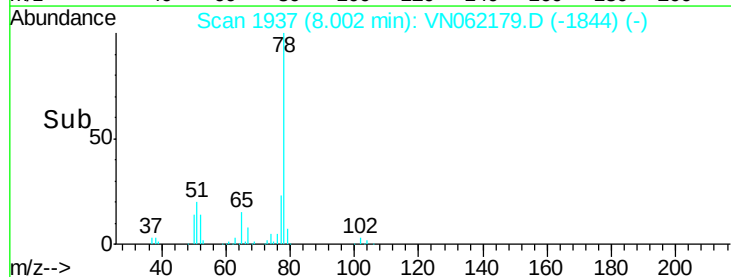
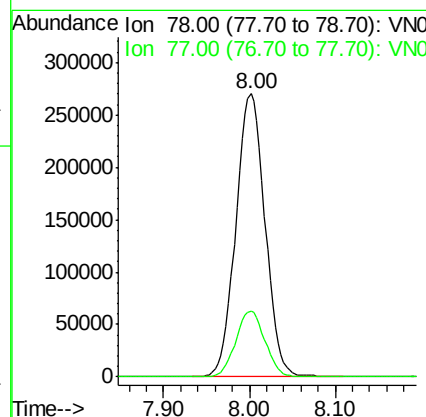
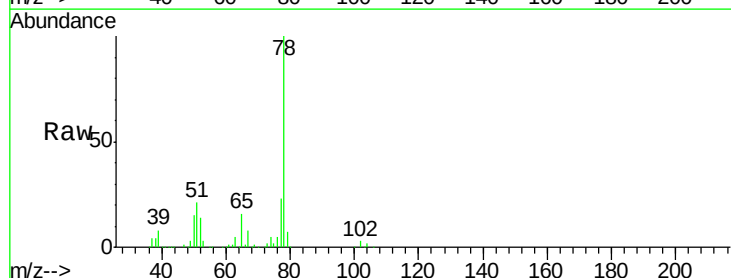
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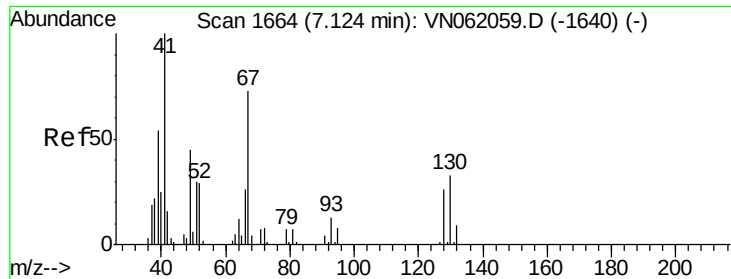
MMDadoda
6/29/2020 12:36:02 PM



#40
Benzene
Concen: 49.750 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.2		19.5	29.3





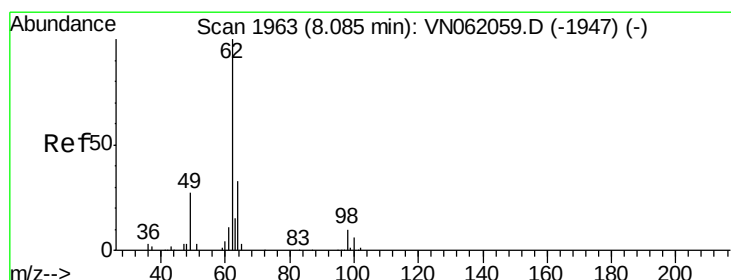
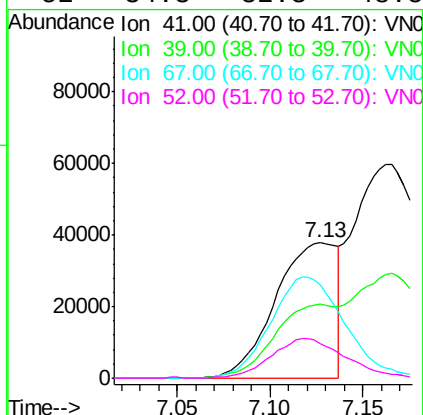
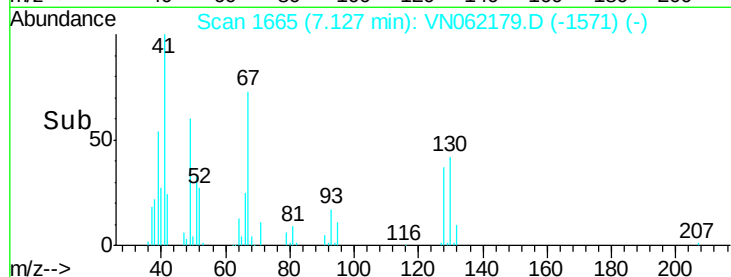
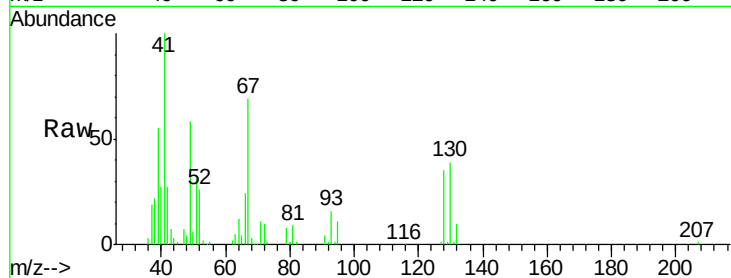
#41
Methacrylonitrile
Concen: 54.436 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	87675
Ion Ratio	Lower	Upper	
41	100		
39	55.0	44.2	66.2
67	90.1	79.5	119.3
52	34.3	32.3	48.5

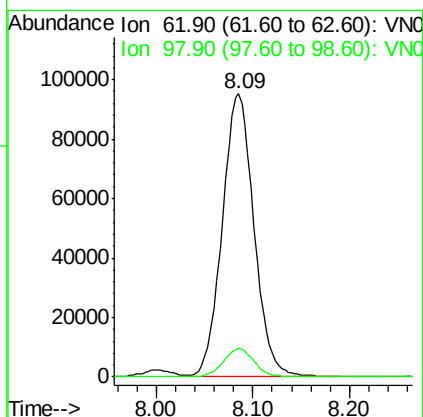
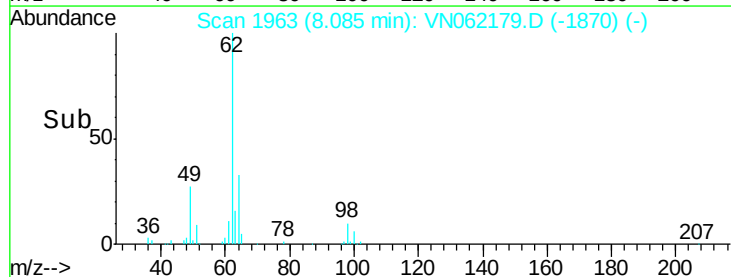
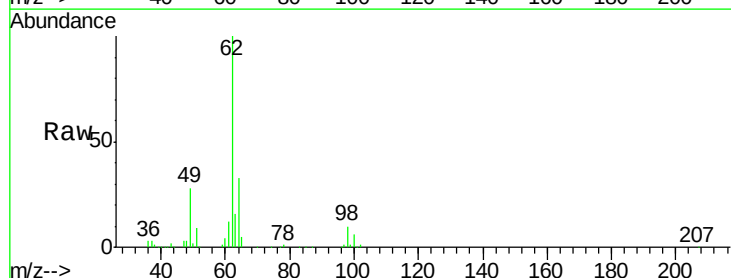
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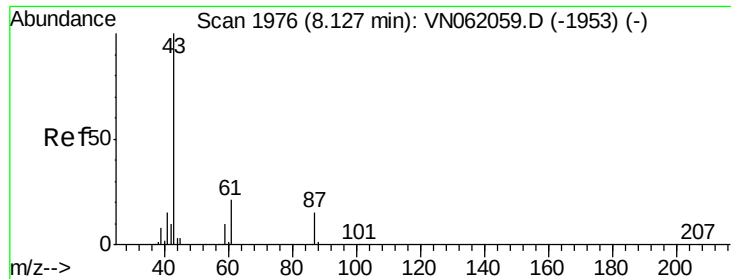
MMDadoda
6/29/2020 12:36:02 PM



#42
1,2-Dichloroethane
Concen: 50.310 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Tgt Ion	62	Resp	217362
Ion Ratio	Lower	Upper	
62	100		
98	9.7	0.0	19.8





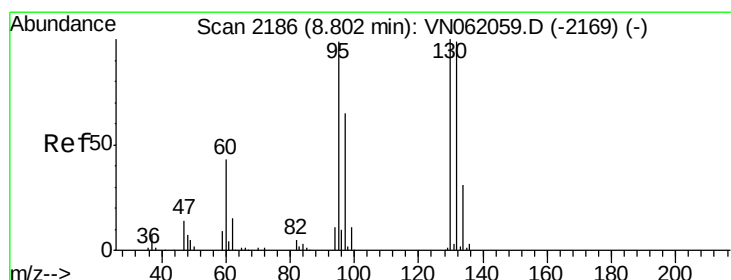
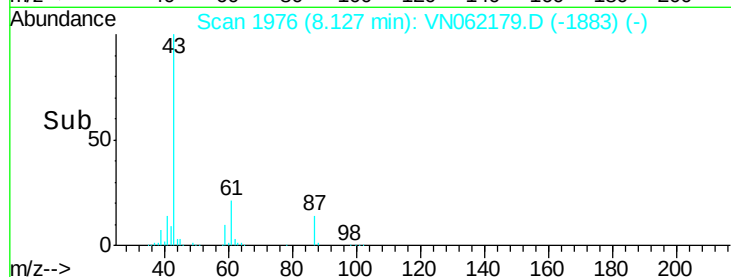
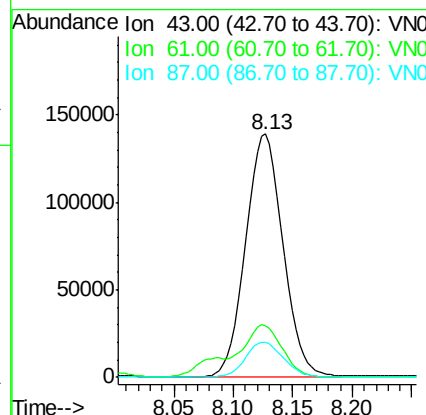
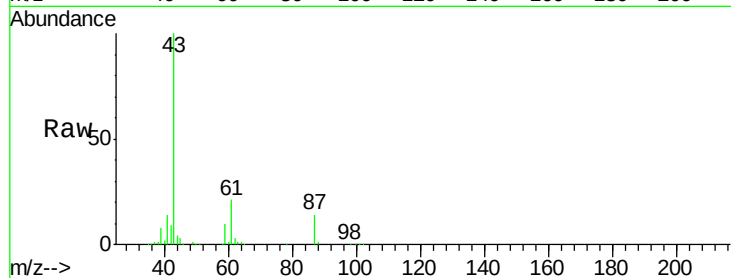
#43
Isopropyl Acetate
Concen: 53.442 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.5	17.2	25.8
87	14.8	12.1	18.1

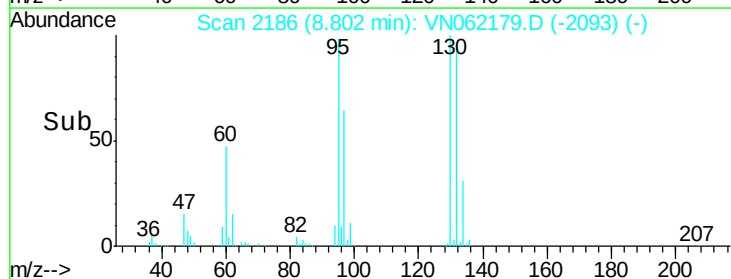
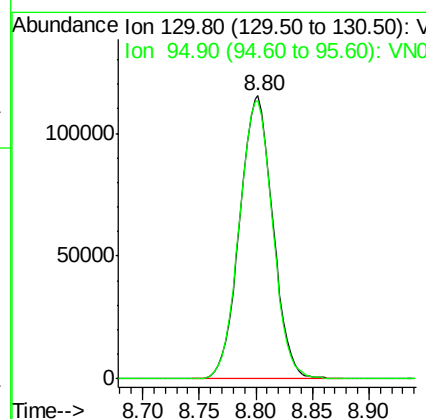
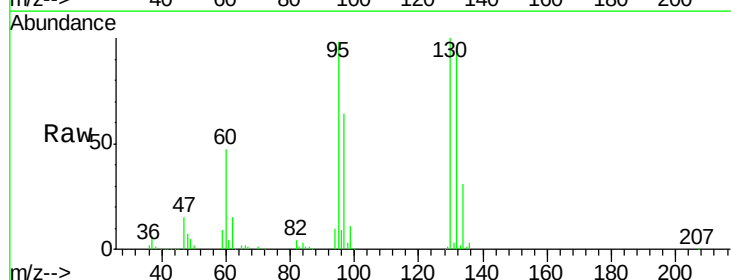
Manual Integrations
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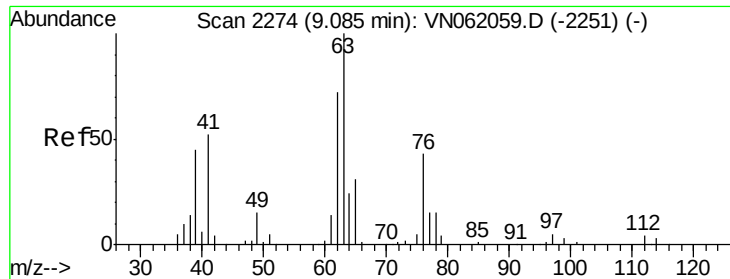
MMDadoda
6/29/2020 12:36:02 PM



#44
Trichloroethene
Concen: 73.005 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.3	0.0	197.8





#45

1,2-Dichloropropane

Concen: 51.605 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 162801

Ion Ratio Lower Upper

63 100

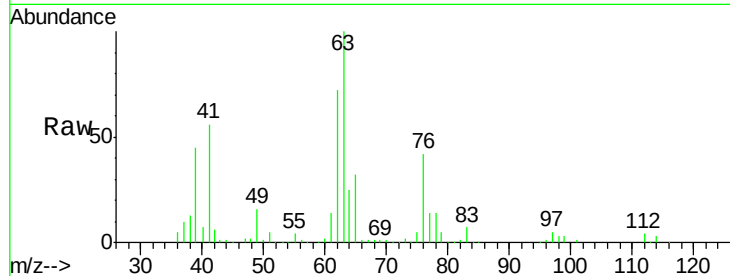
65 31.6 25.0 37.4

Manual Integrations

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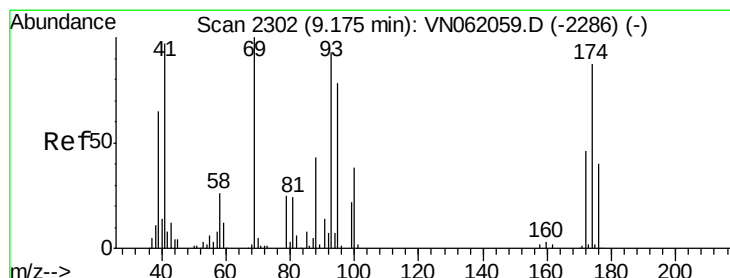
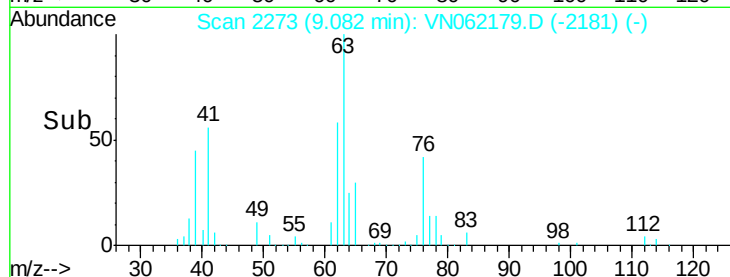
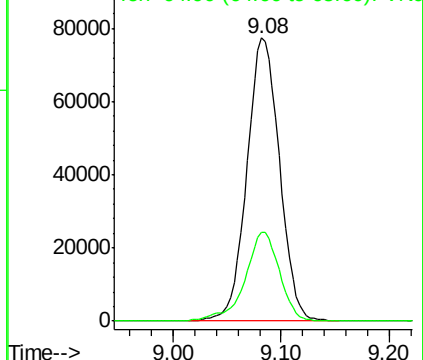
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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 50.139 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

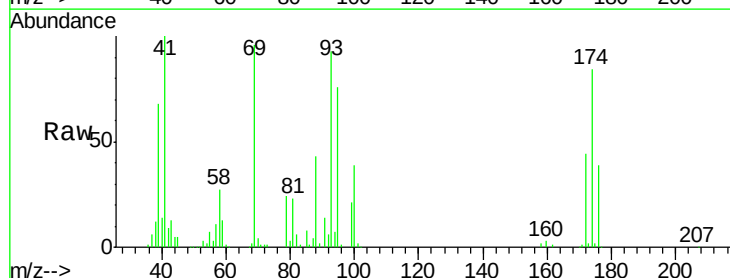
Tgt Ion: 93 Resp: 107244

Ion Ratio Lower Upper

93 100

95 82.7 67.0 100.6

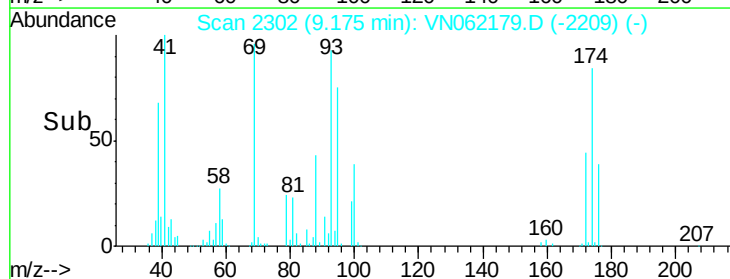
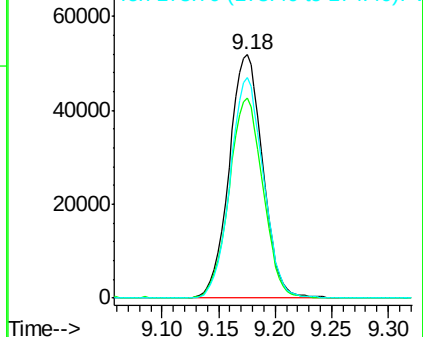
174 89.2 74.4 111.6

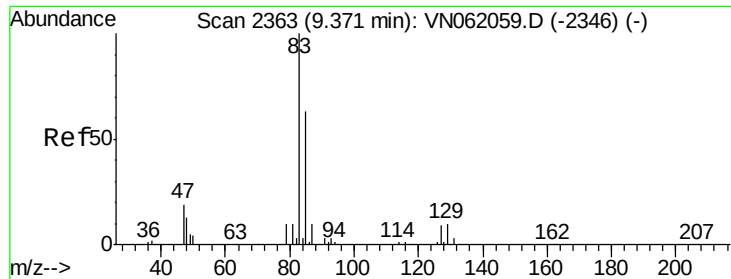


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.920 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Instrument :

MSVOA_N

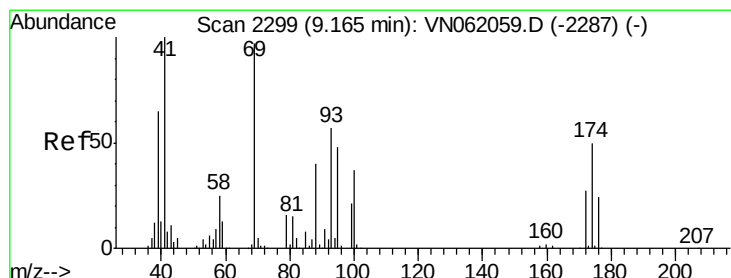
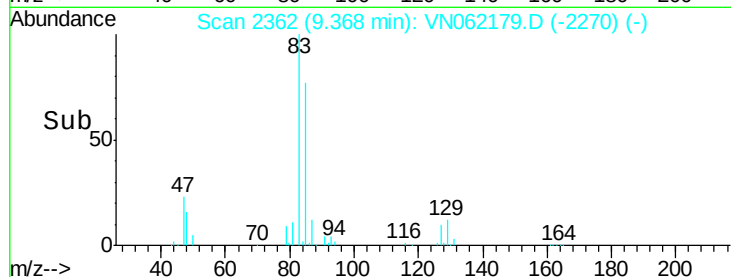
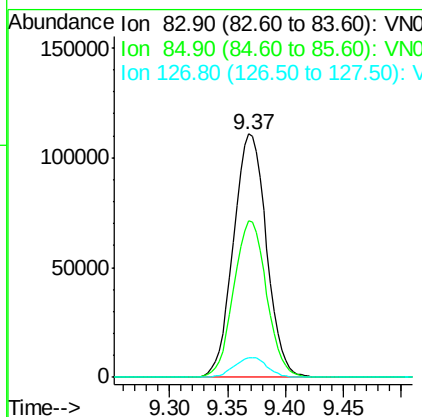
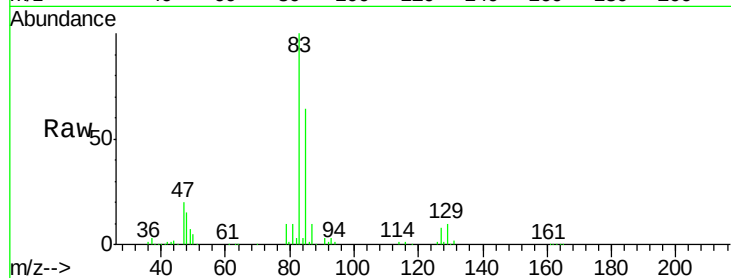
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	219914
Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.3	75.5
127	7.9	6.9	10.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 54.256 ug/l

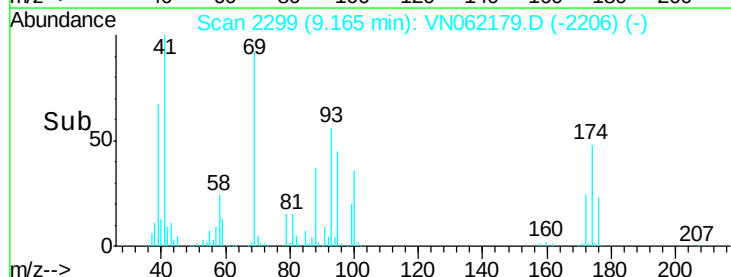
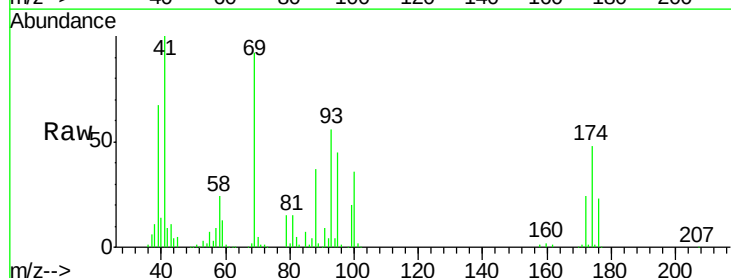
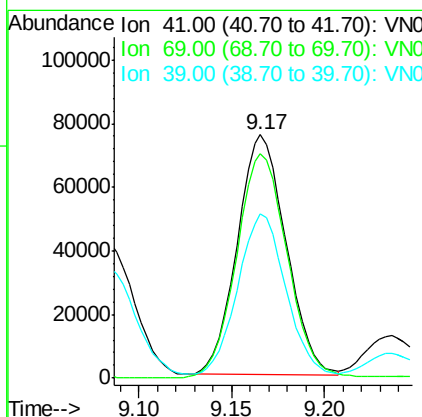
RT: 9.17 min Scan# 2299

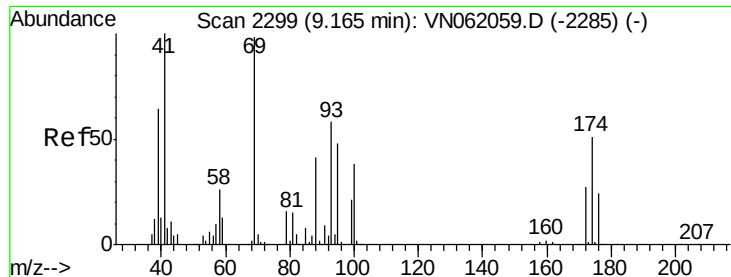
Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Tgt Ion:	41	Resp:	137771
Ion	Ratio	Lower	Upper
41	100		
69	98.5	80.7	121.1
39	68.5	54.5	81.7





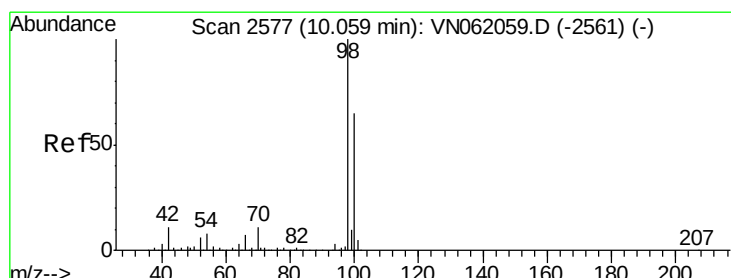
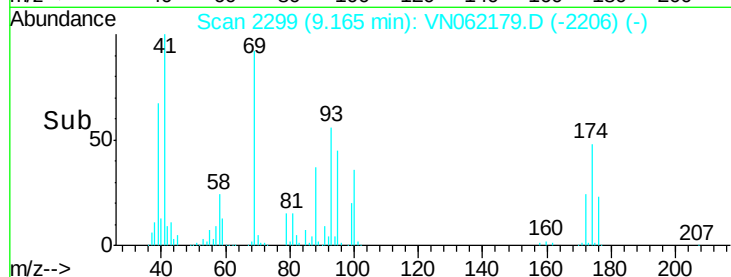
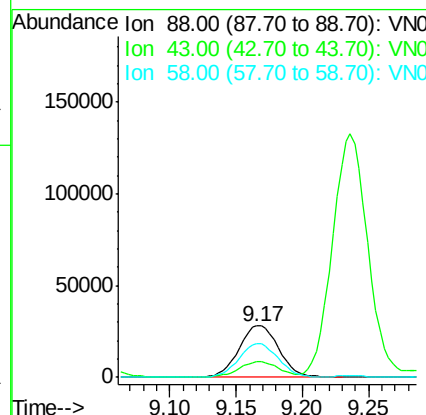
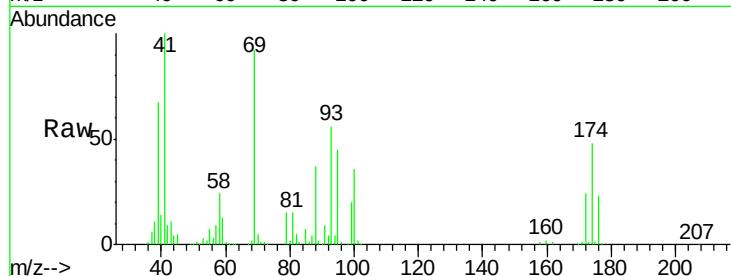
#49
1,4-Dioxane
Concen: 1043.646 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.1	22.0	33.0
58	64.9	49.2	73.8

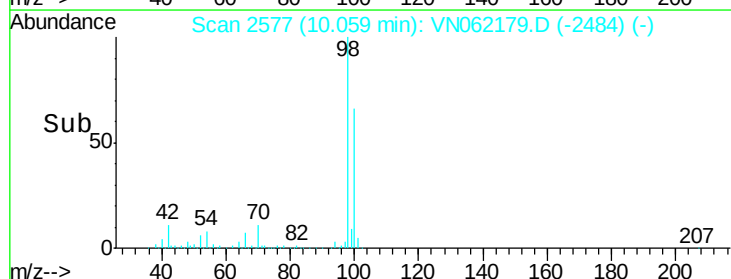
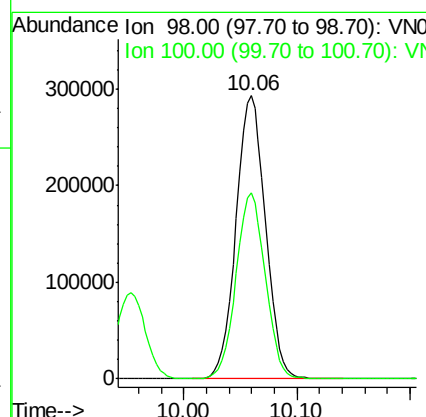
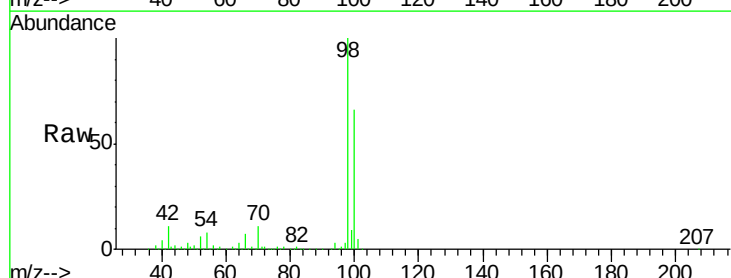
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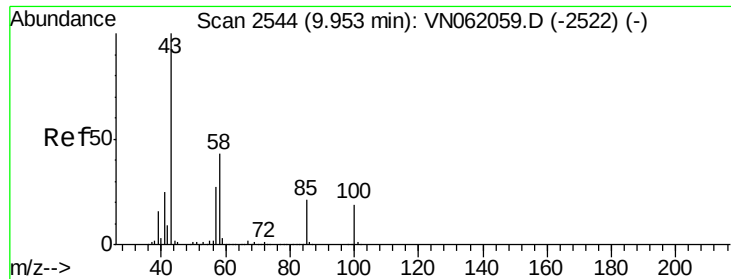
MMDadoda
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#50
Toluene-d8
Concen: 49.626 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	51.2	76.8





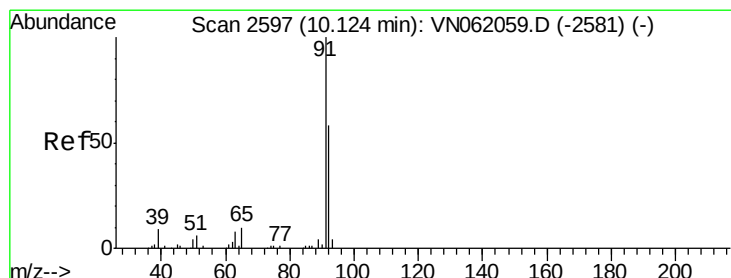
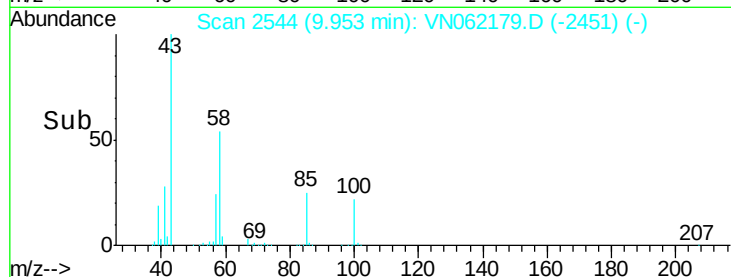
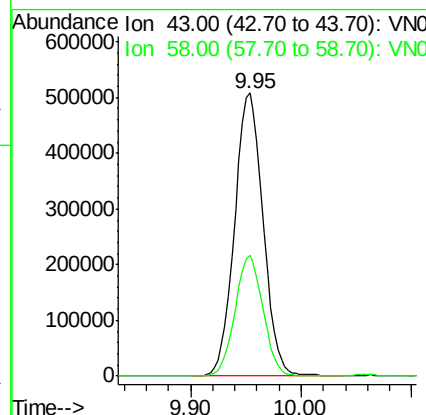
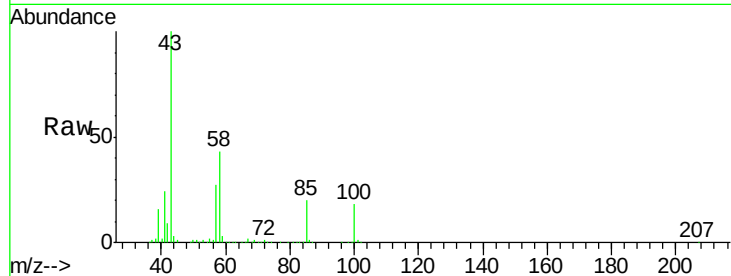
#51
 4-Methyl-2-Pentanone
 Concen: 275.300 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. 0.00 min
 Lab File: VN062179.D
 Acq: 27 Jun 2020 7:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	41.9	34.2	51.2

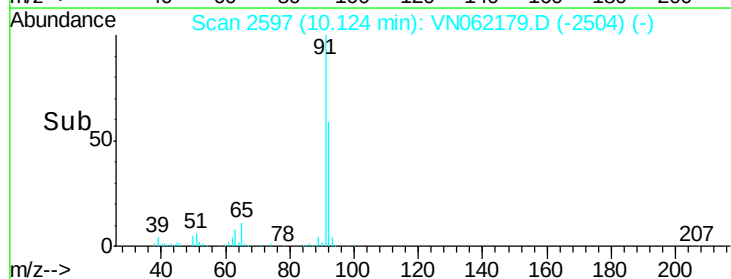
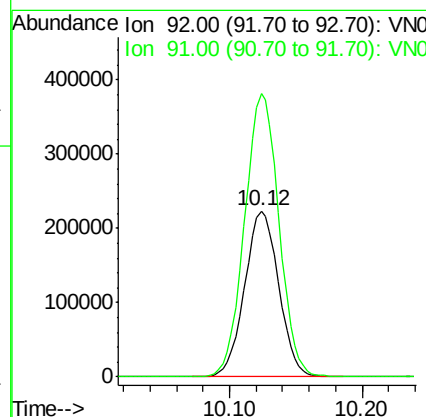
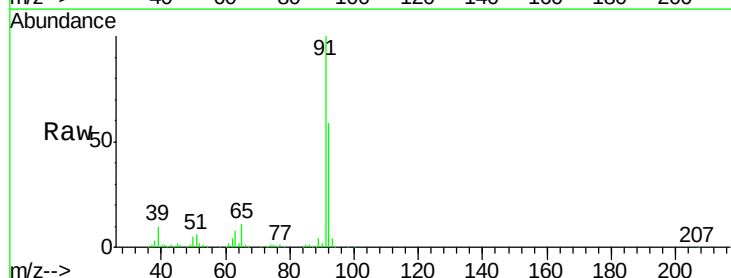
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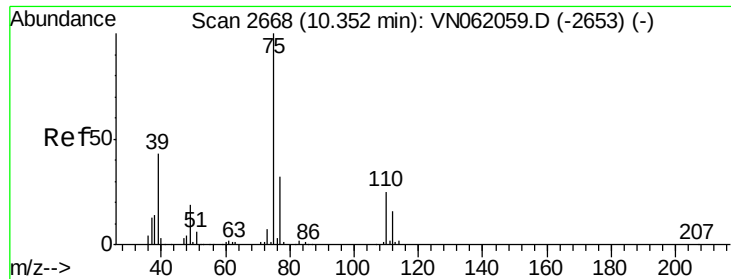
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#52
 Toluene
 Concen: 51.194 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. 0.00 min
 Lab File: VN062179.D
 Acq: 27 Jun 2020 7:53

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.2	137.4	206.0





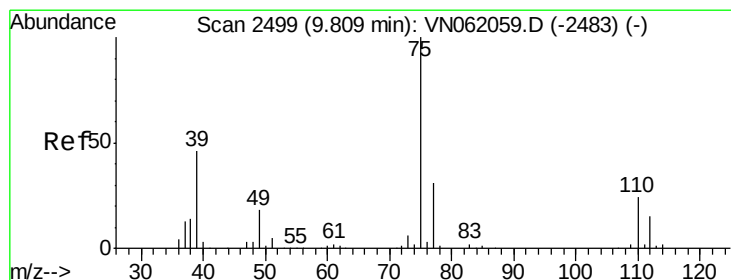
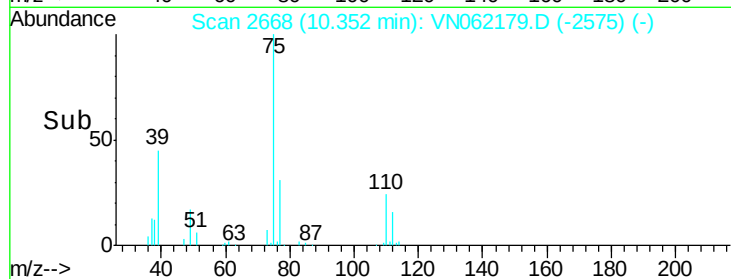
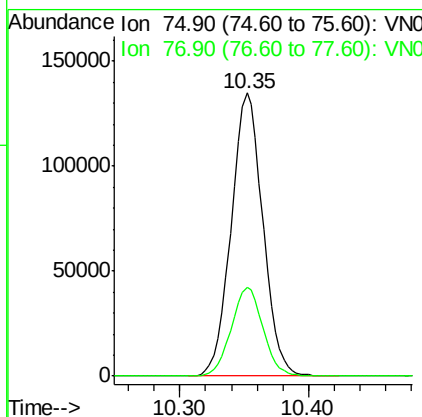
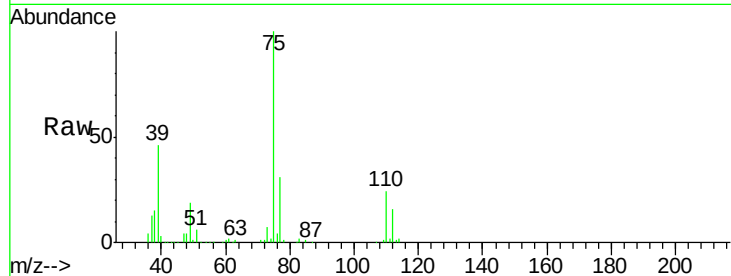
#53
t-1,3-Dichloropropene
Concen: 48.287 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.5	38.3

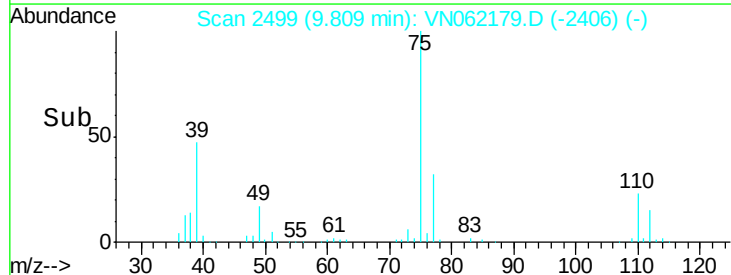
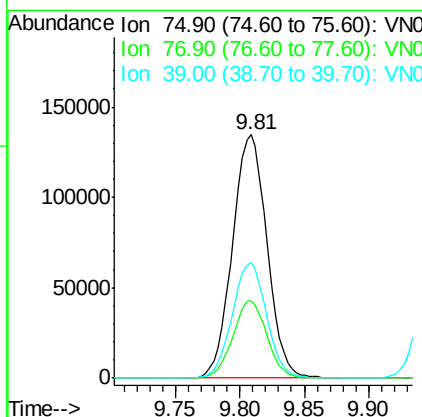
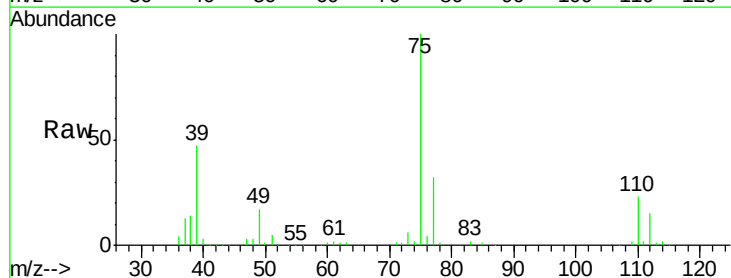
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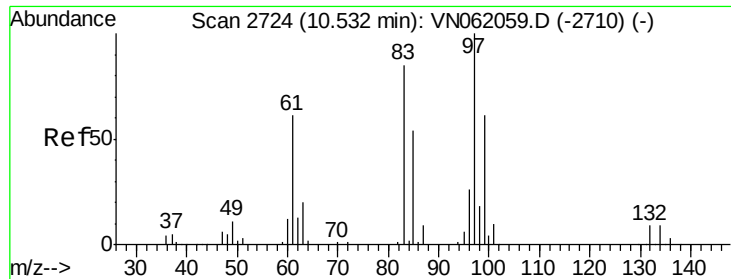
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#54
cis-1,3-Dichloropropene
Concen: 49.581 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.0	37.6
39	47.4	36.9	55.3





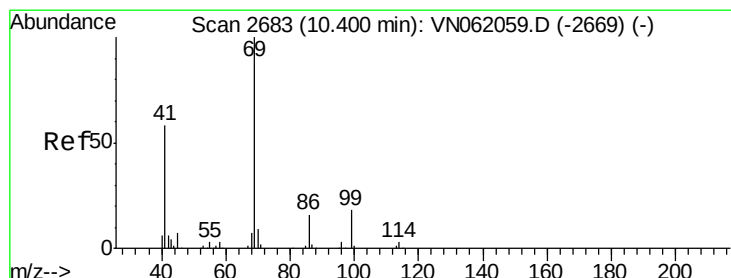
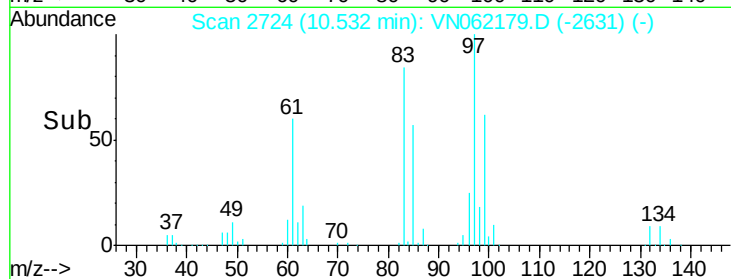
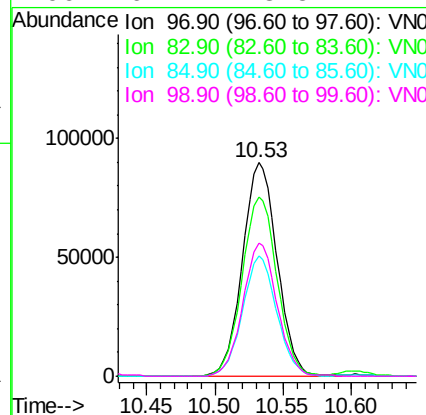
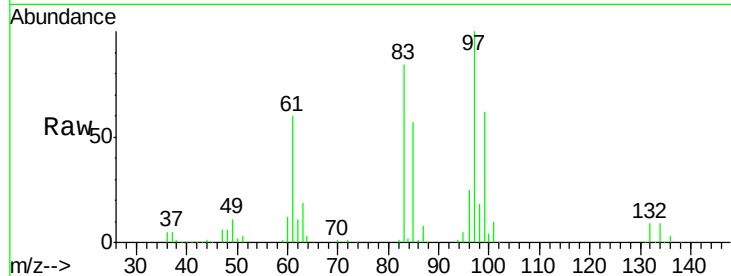
#55
 1,1,2-Trichloroethane
 Concen: 51.822 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. 0.00 min
 Lab File: VN062179.D
 Acq: 27 Jun 2020 7:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		158941		
83	83.7	68.2	102.2		
85	56.5	43.2	64.8		
99	62.2	48.5	72.7		

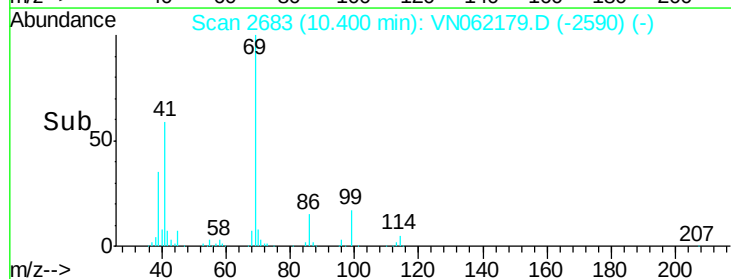
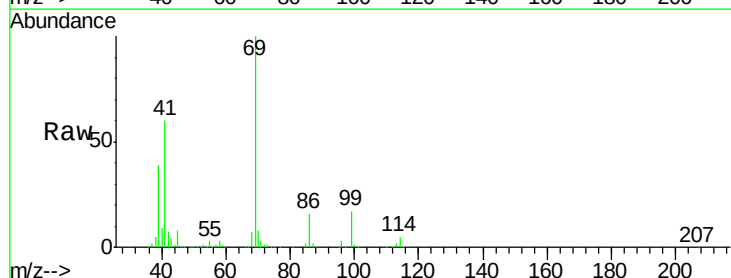
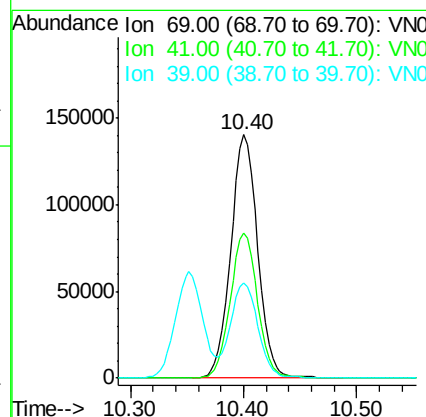
Manual Integrations
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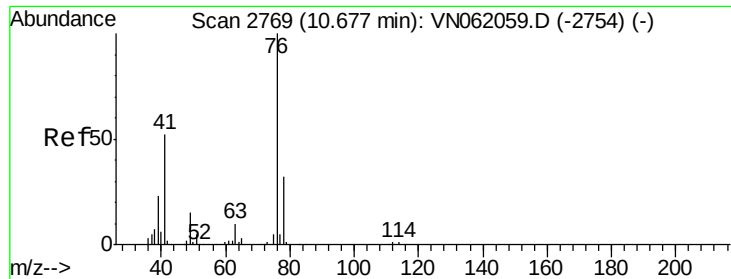
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 6/29/2020 12:36:02 PM



#56
 Ethyl methacrylate
 Concen: 56.823 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062179.D
 Acq: 27 Jun 2020 7:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		232581		
41	59.7	46.6	70.0		
39	39.7	31.0	46.4		





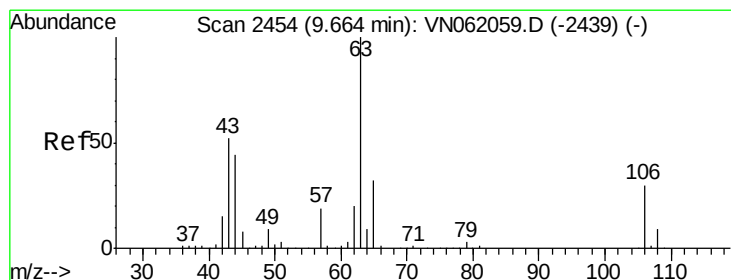
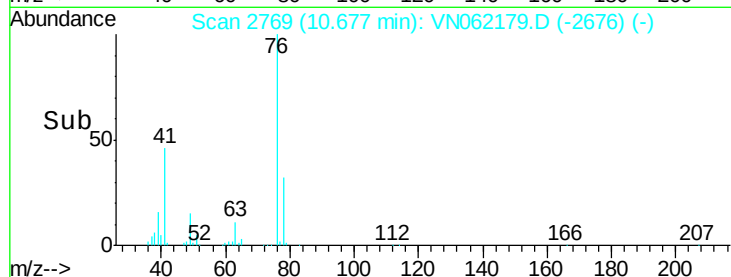
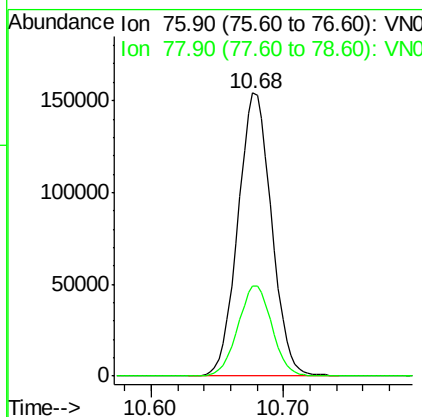
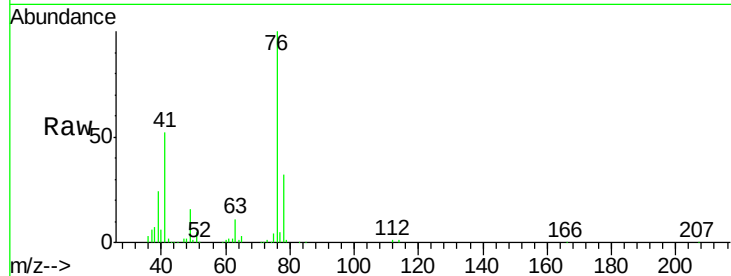
#57
 1,3-Dichloropropane
 Concen: 51.499 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. 0.00 min
 Lab File: VN062179.D
 Acq: 27 Jun 2020 7:53

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.8	38.8

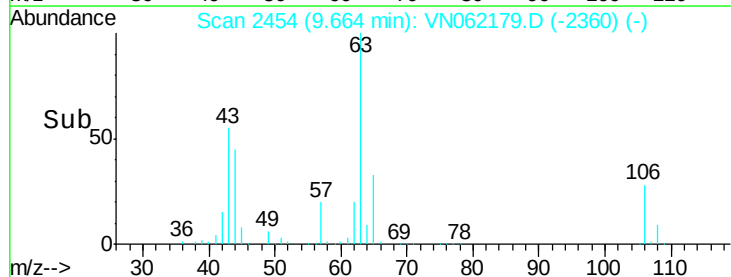
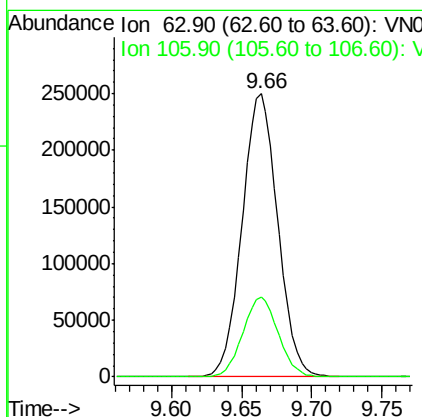
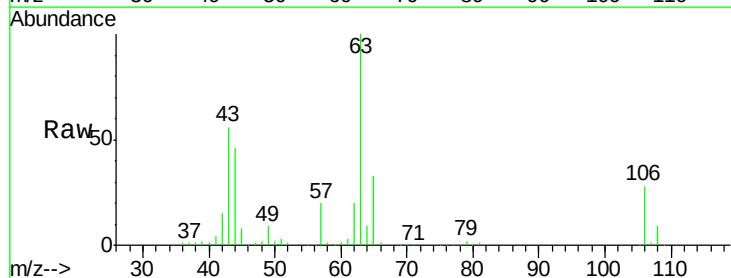
Manual Integrations
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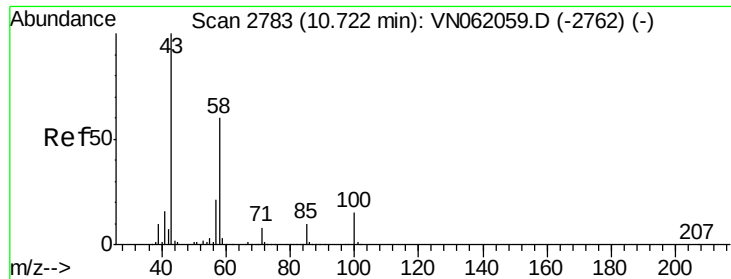
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 6/29/2020 12:36:02 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 253.898 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062179.D
 Acq: 27 Jun 2020 7:53

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.0	23.2	34.8





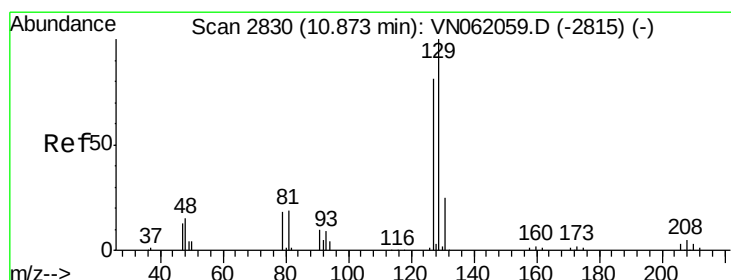
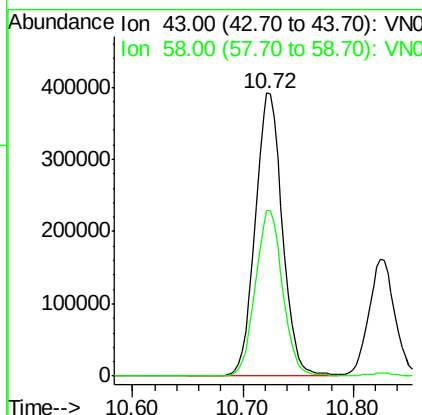
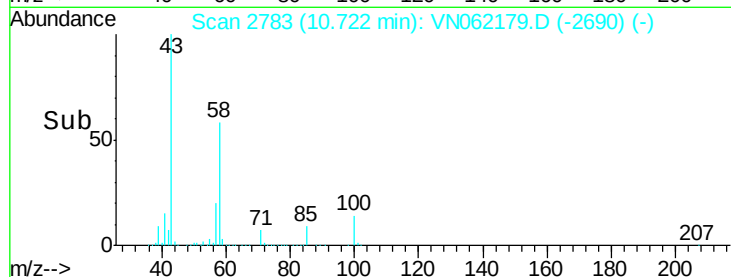
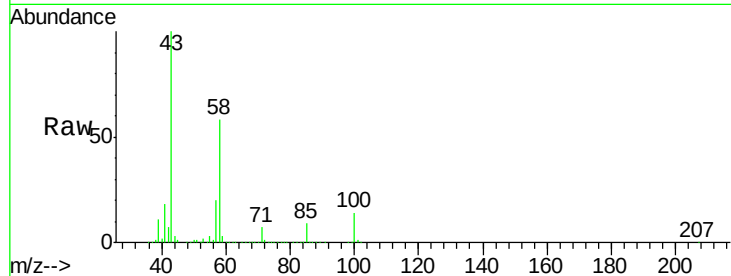
#59
2-Hexanone
Concen: 278.657 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 665792
Ion Ratio Lower Upper
43 100
58 59.0 29.5 88.5

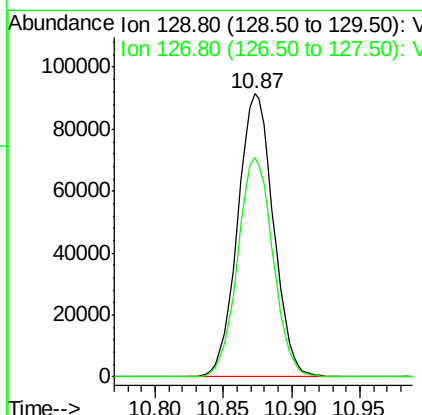
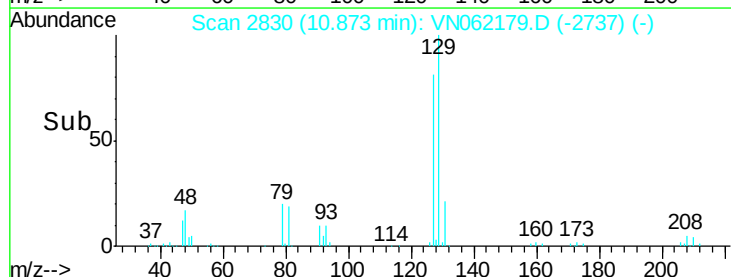
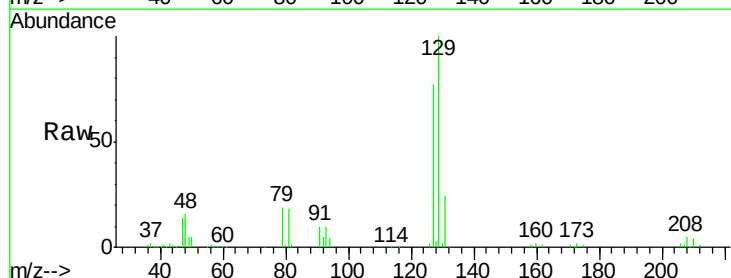
Manual Integrations
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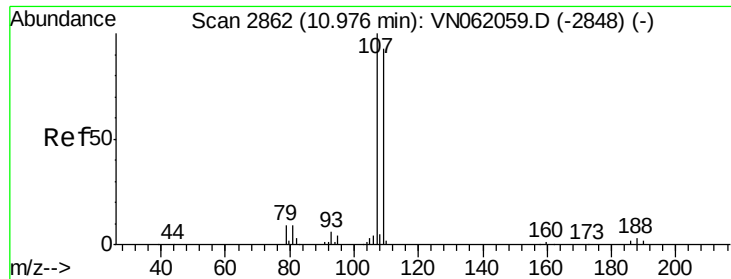
MMDadoda
6/29/2020 12:36:02 PM



#60
Dibromochloromethane
Concen: 51.140 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Tgt Ion: 129 Resp: 166059
Ion Ratio Lower Upper
129 100
127 76.9 39.5 118.5





#61

1,2-Dibromoethane

Concen: 50.264 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 158404

Ion Ratio Lower Upper

107 100

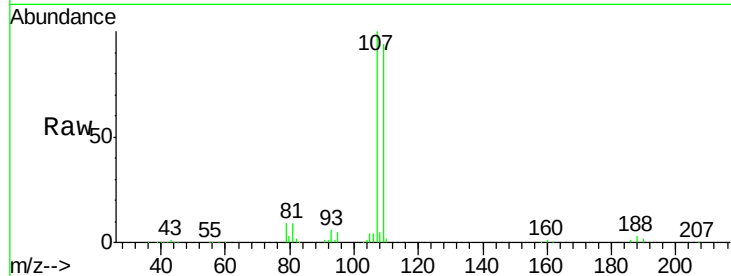
109 94.5 75.0 112.6

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.98

80000

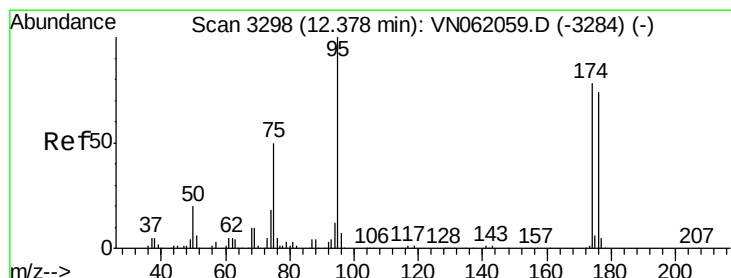
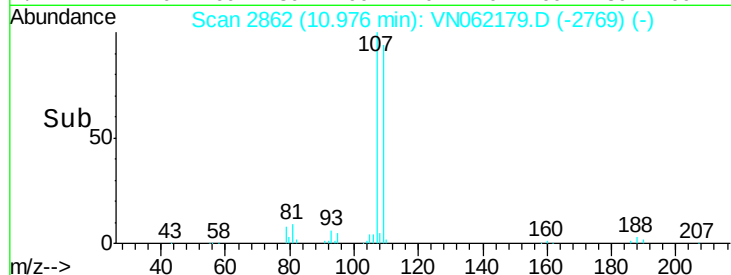
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.368 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

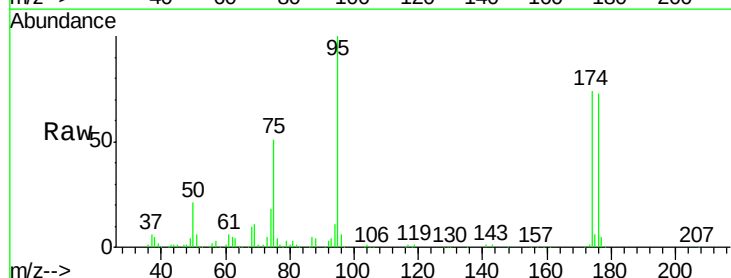
Tgt Ion: 95 Resp: 182152

Ion Ratio Lower Upper

95 100

174 74.3 0.0 154.8

176 72.2 0.0 147.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.38

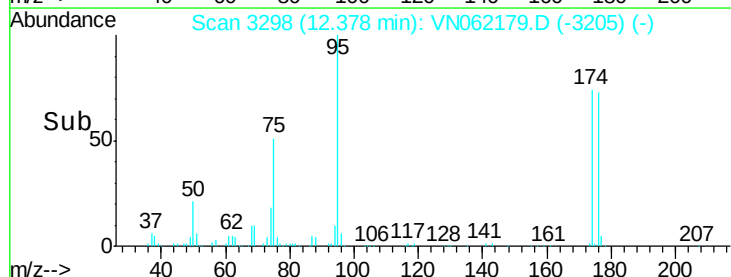
150000

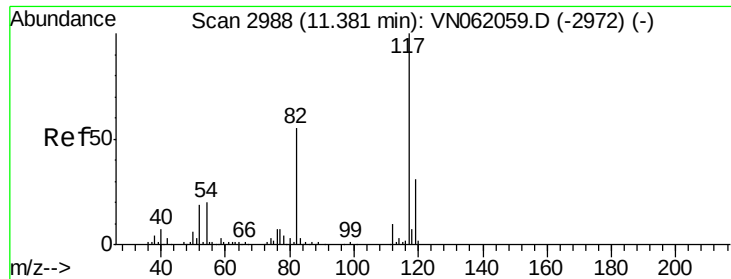
100000

50000

0

Time-->





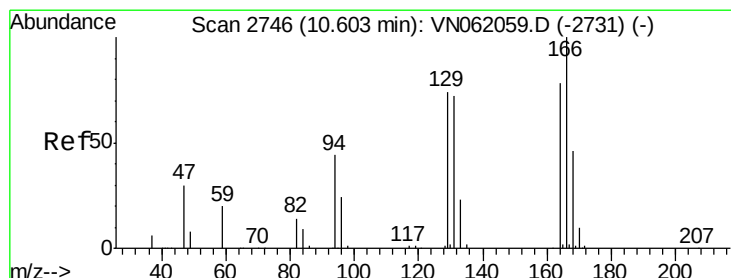
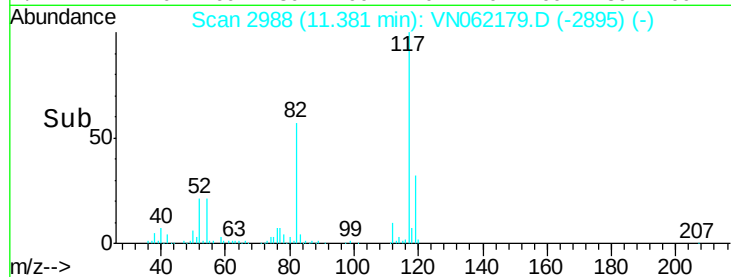
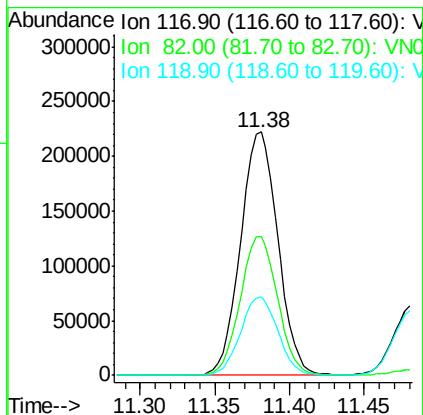
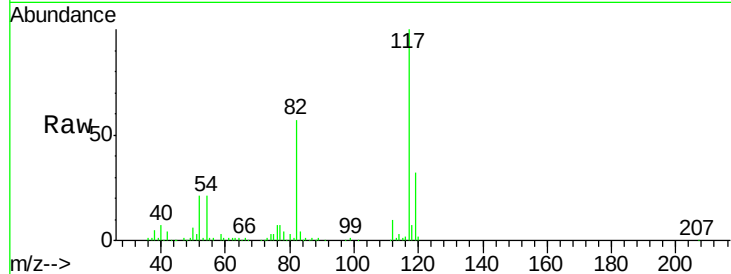
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	386784		
82	57.2		43.8	65.8
119	32.2		25.2	37.8

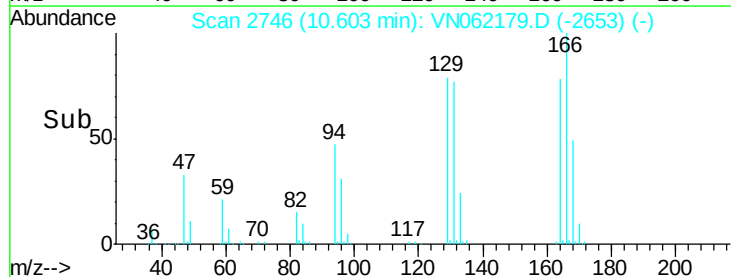
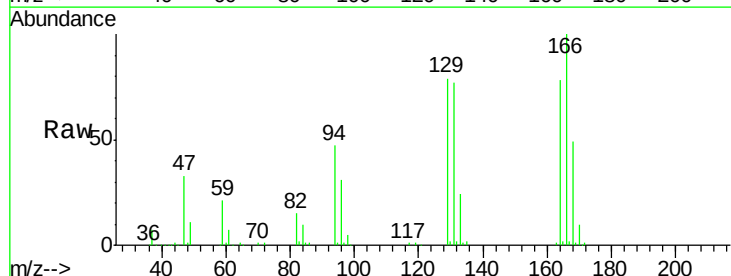
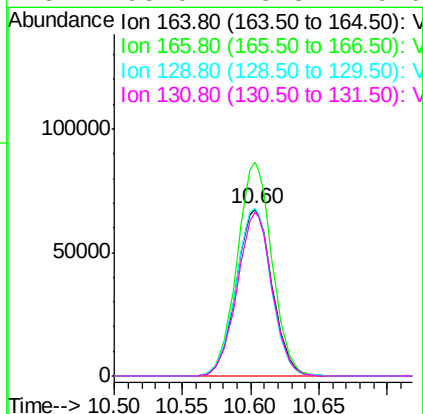
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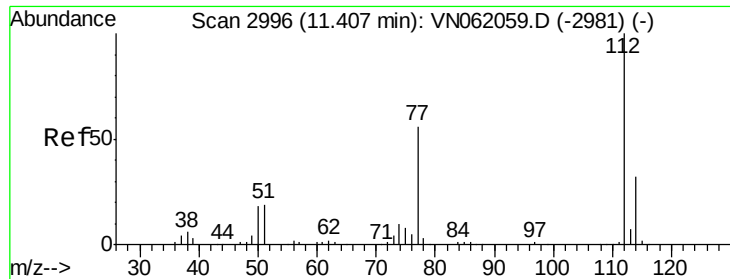
MMDadoda
6/29/2020 12:36:02 PM



#64
Tetrachloroethene
Concen: 46.190 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	122038		
166	128.0		102.9	154.3
129	100.7		75.8	113.8
131	98.0		73.8	110.6





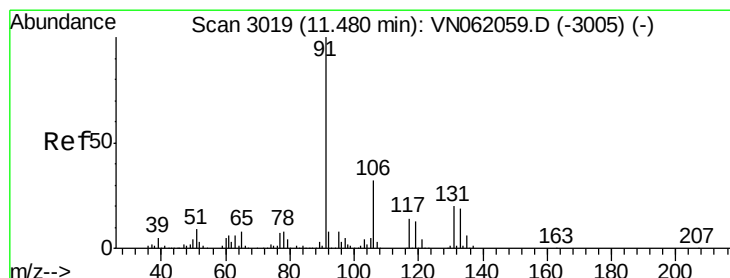
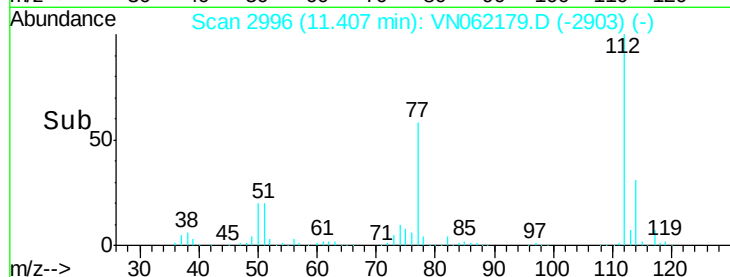
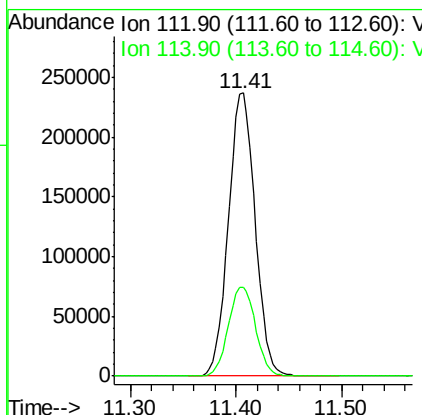
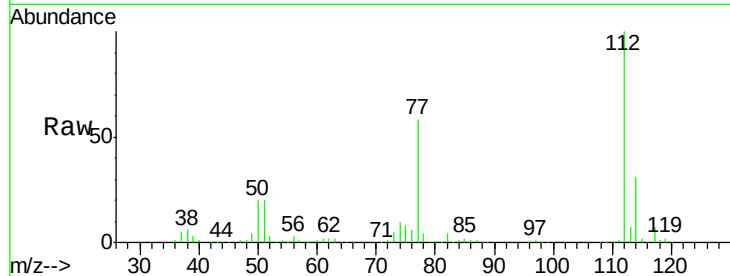
#65
Chlorobenzene
Concen: 48.892 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 415279
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.8

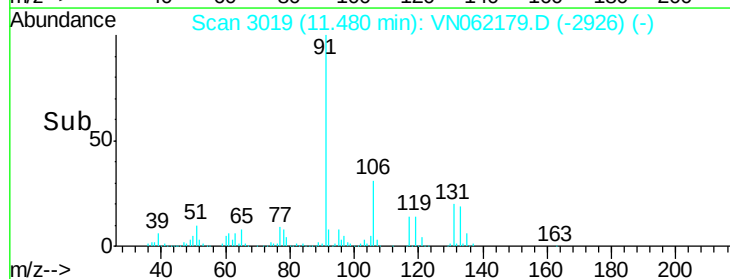
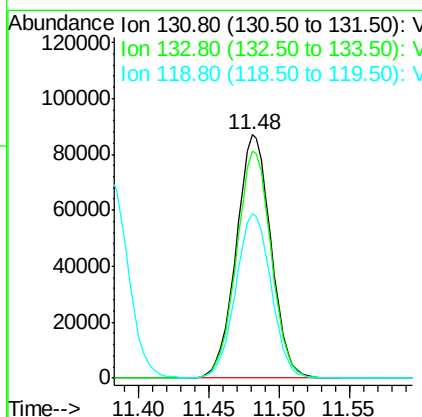
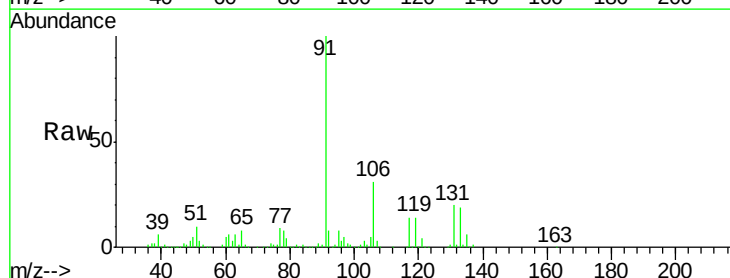
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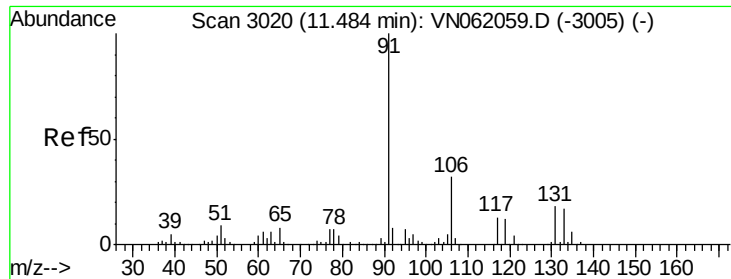
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.127 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Tgt Ion:131 Resp: 150166
Ion Ratio Lower Upper
131 100
133 93.1 47.6 142.9
119 68.8 34.4 103.3





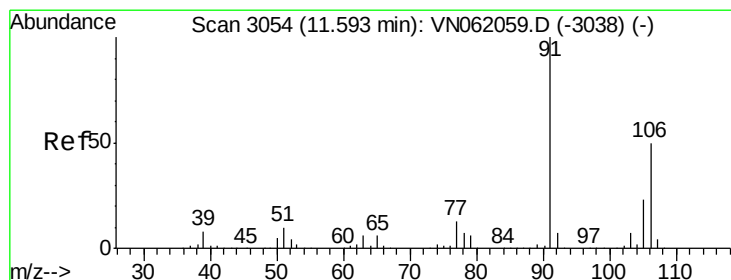
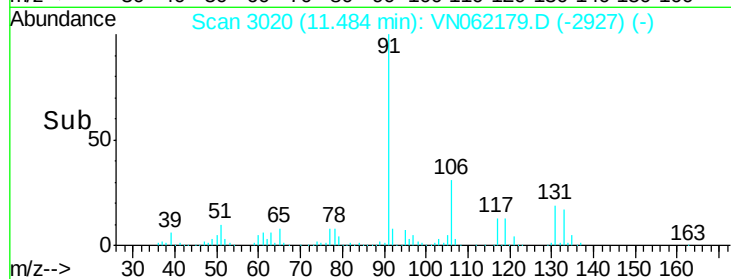
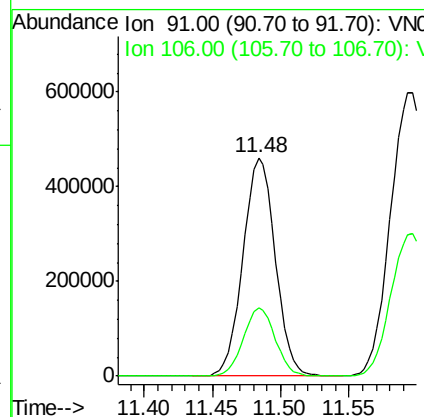
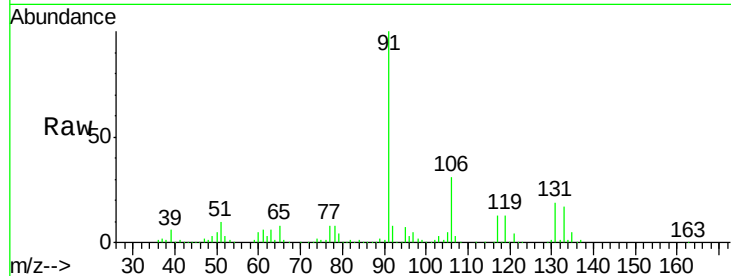
#67
Ethyl Benzene
Concen: 52.771 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion: 91 Resp: 757008
Ion Ratio Lower Upper
91 100
106 31.1 25.3 37.9

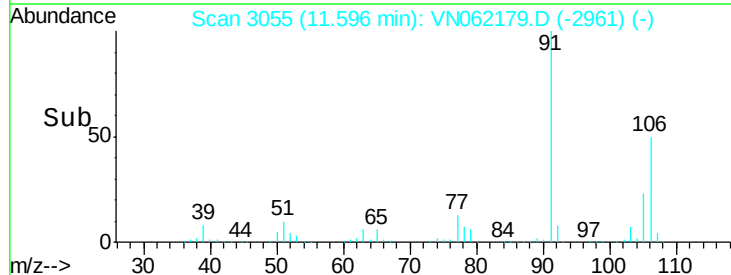
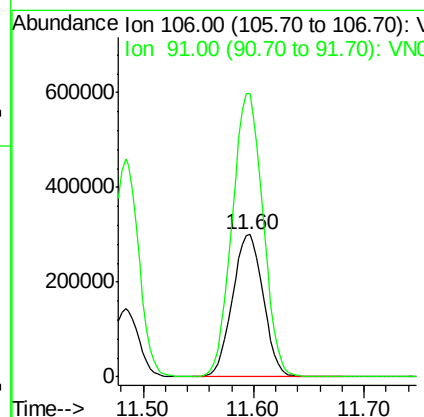
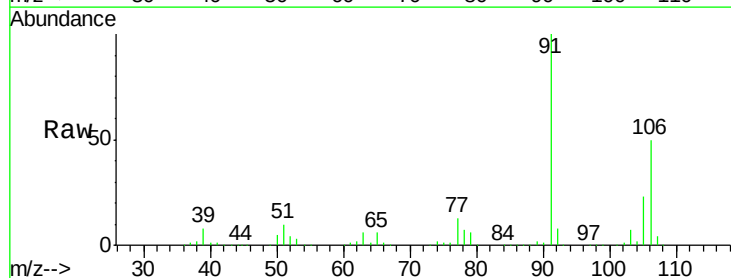
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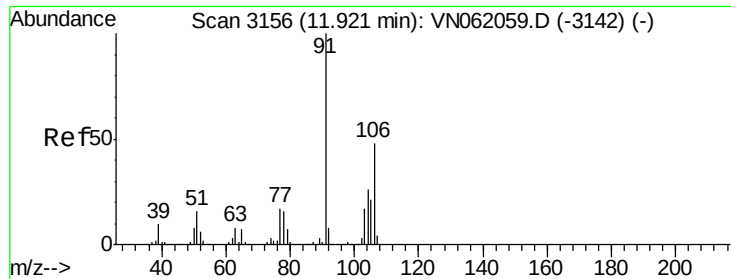
MMDadoda
6/29/2020 12:36:02 PM



#68
m/p-Xylenes
Concen: 104.424 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Tgt Ion: 106 Resp: 579386
Ion Ratio Lower Upper
106 100
91 199.9 157.8 236.8





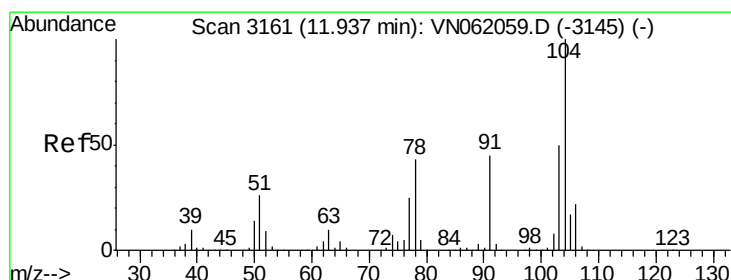
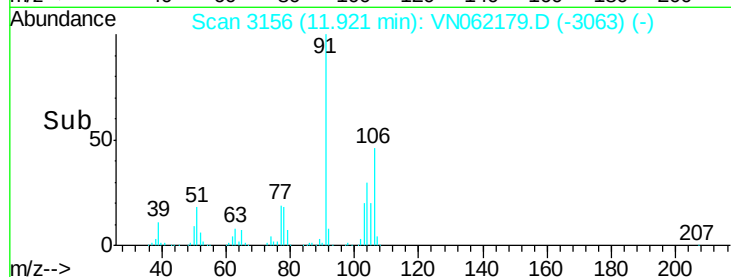
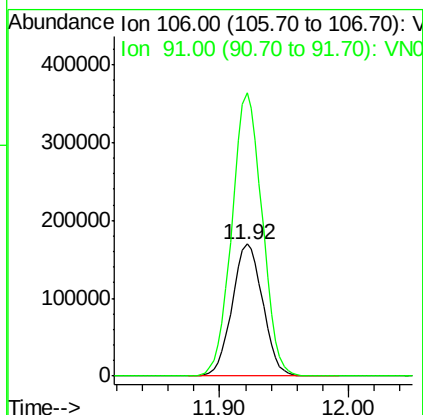
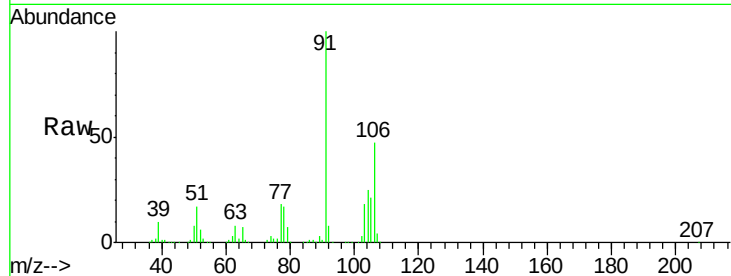
#69
o-Xylene
Concen: 53.442 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		279767		
91	212.3	104.0	311.9		

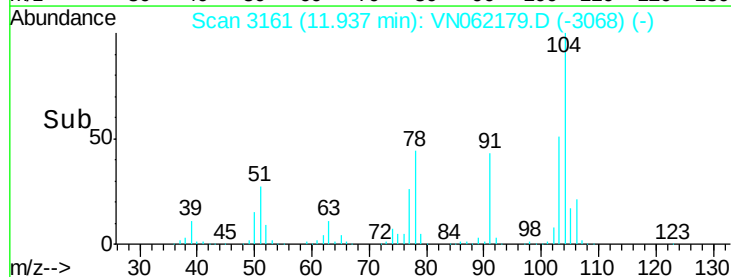
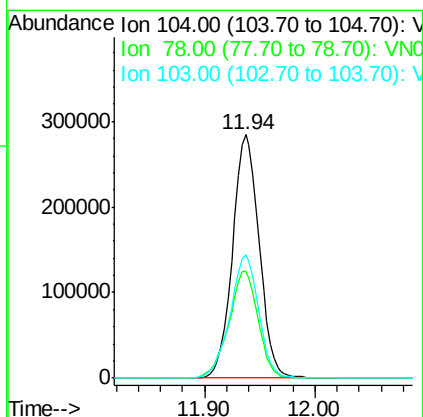
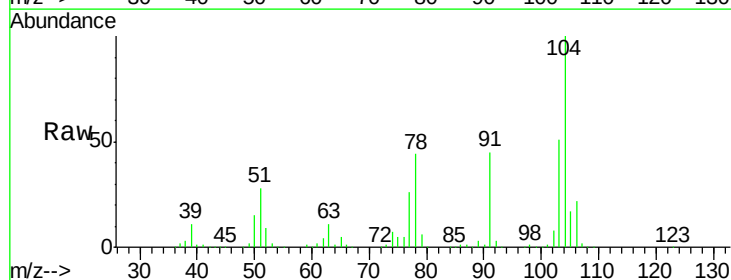
Manual Integrations
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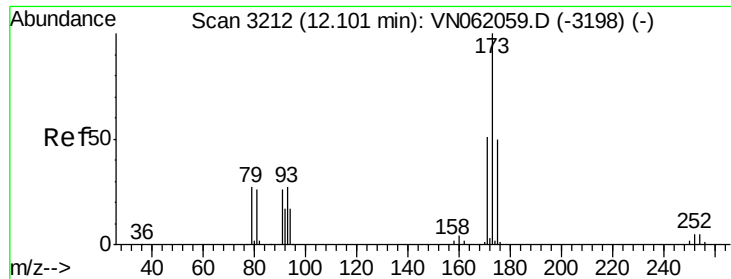
MMDadoda
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#70
Styrene
Concen: 54.558 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		476327		
78	48.4	37.7	56.5		
103	54.4	43.0	64.6		





#71

Bromoform

Concen: 50.928 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Instrument :

MSVOA_N

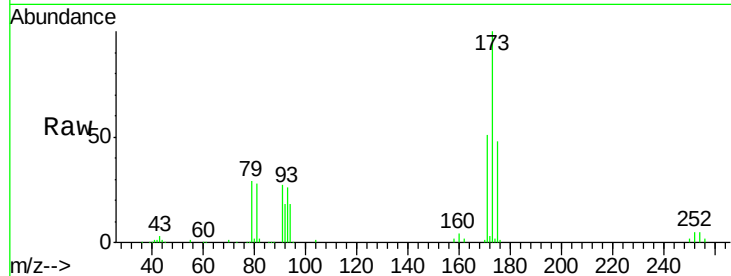
ClientSampleId :

VSTDCCC050EC

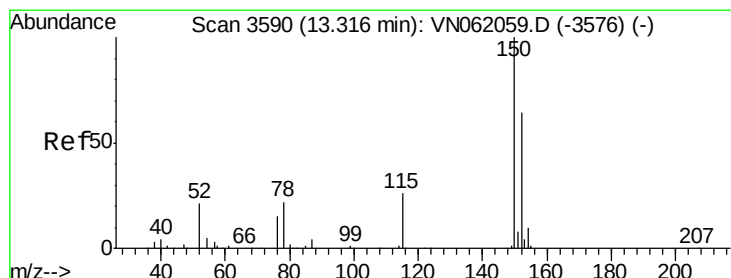
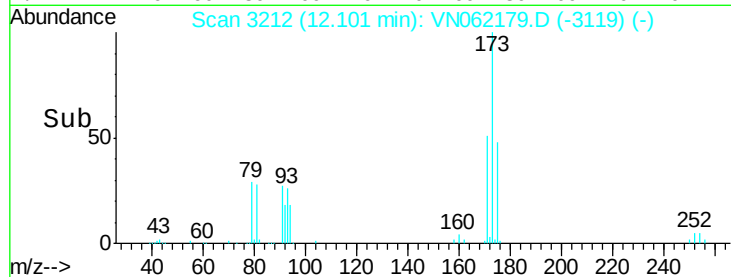
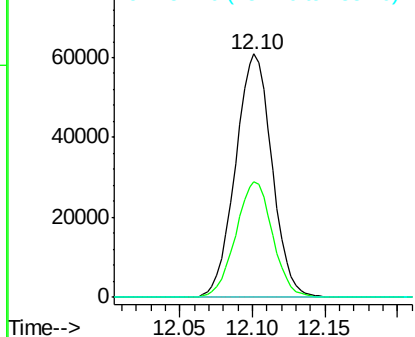
Tot Ion:	173	Resp:	106350
Ion Ratio	Lower	Upper	
173	100		
175	47.7	24.7	74.1
254	0.0	0.0	0.0

Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

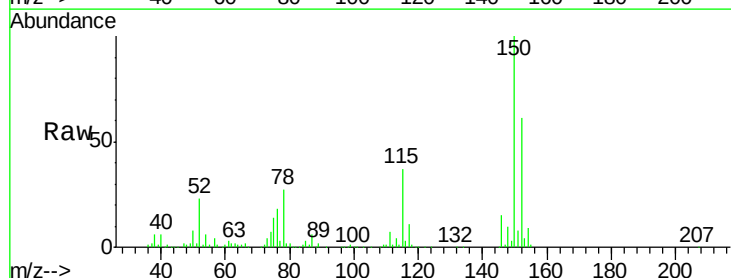
RT: 13.32 min Scan# 3590

Delta R.T. 0.00 min

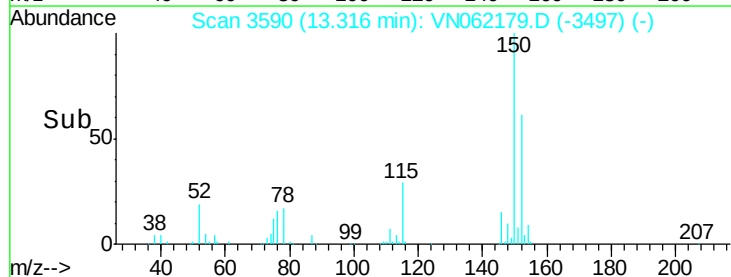
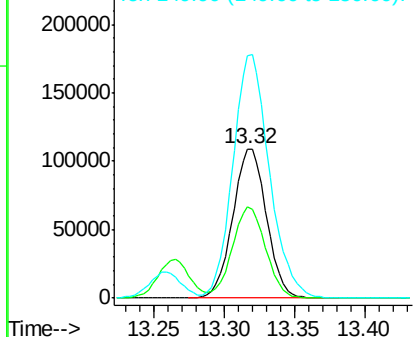
Lab File: VN062179.D

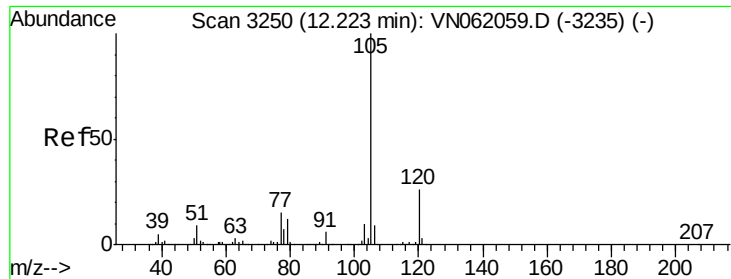
Acq: 27 Jun 2020 7:53

Tgt Ion:	152	Resp:	182123
Ion Ratio	Lower	Upper	
152	100		
115	60.5	29.5	88.5
150	177.5	0.0	351.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





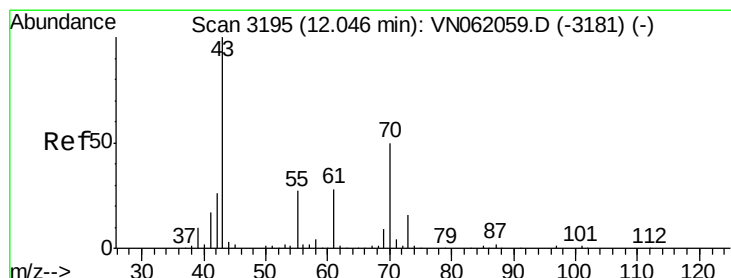
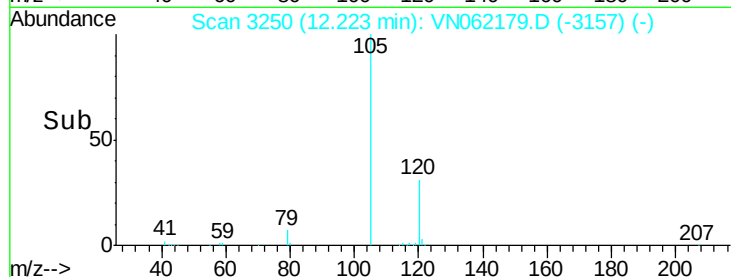
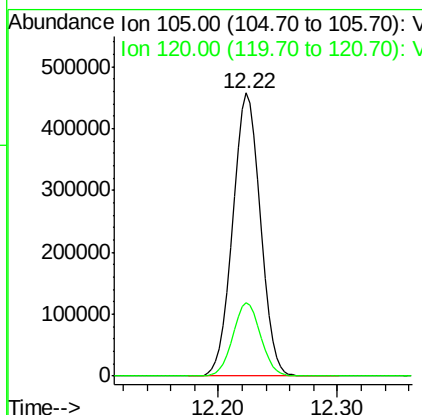
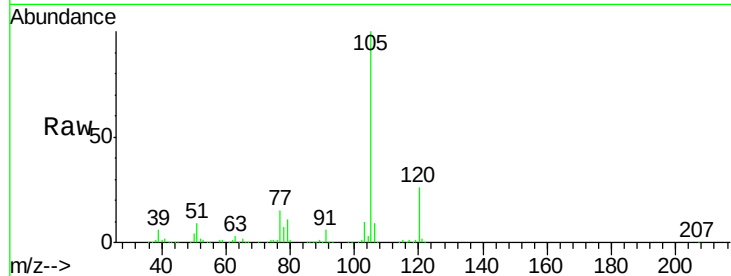
#73
Isopropylbenzene
Concen: 52.267 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.2	39.6

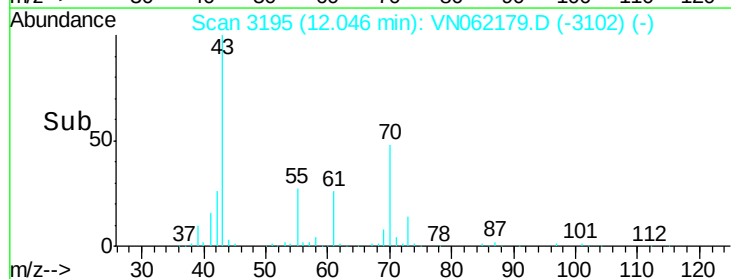
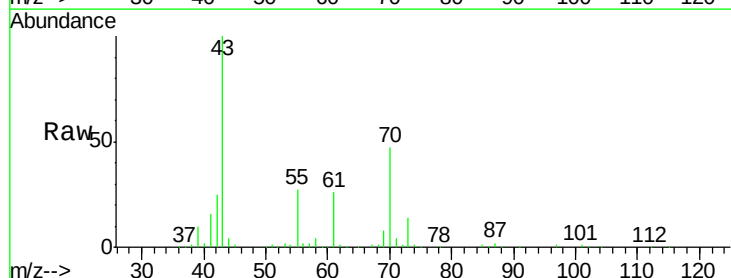
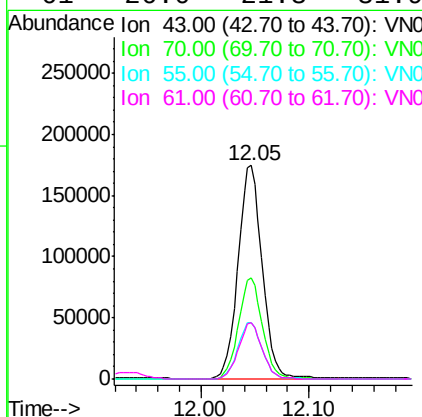
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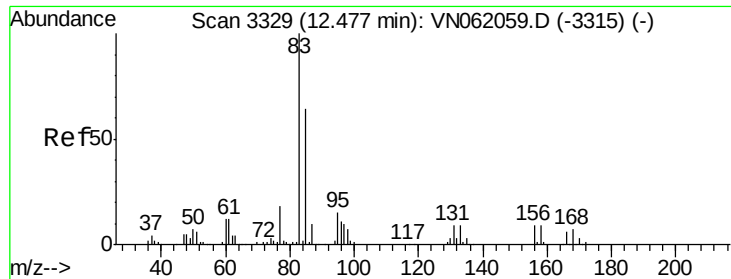
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#74
N-ethyl acetate
Concen: 52.227 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. 0.00 min
Lab File: VN062179.D
Acq: 27 Jun 2020 7:53

Tgt Ion	Ratio	Lower	Upper
43	100		
70	47.3	39.4	59.2
55	26.9	21.7	32.5
61	26.0	21.3	31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 49.350 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Instrument :

MSVOA_N

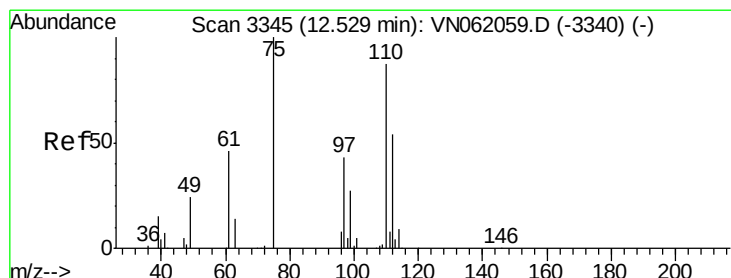
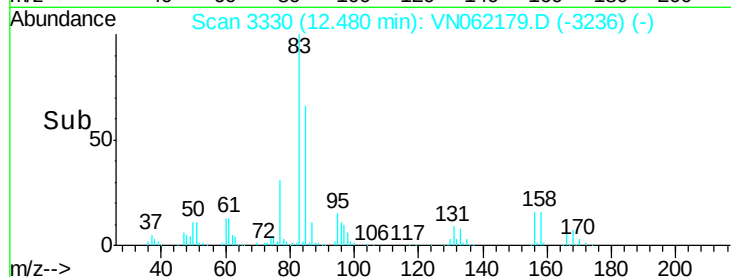
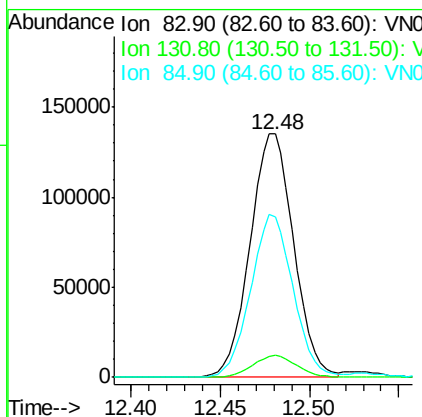
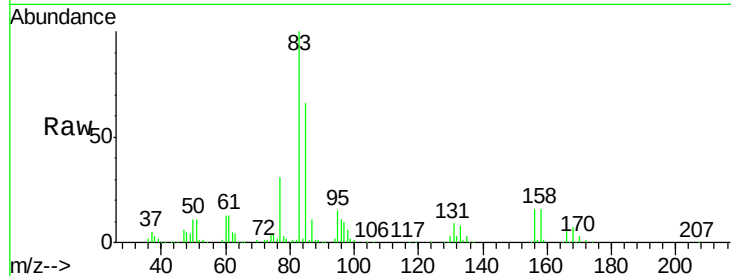
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	231520
Ion Ratio	Lower	Upper	
83	100		
131	9.1	4.8	14.4
85	64.9	32.4	97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 44.994 ug/l m

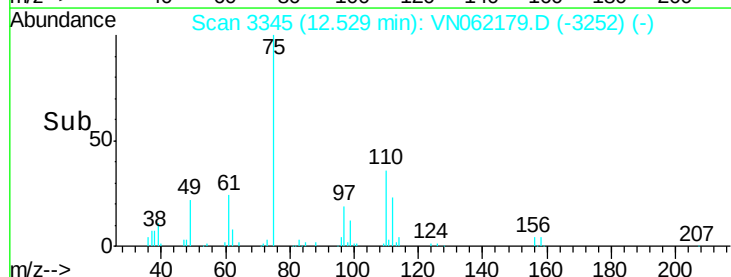
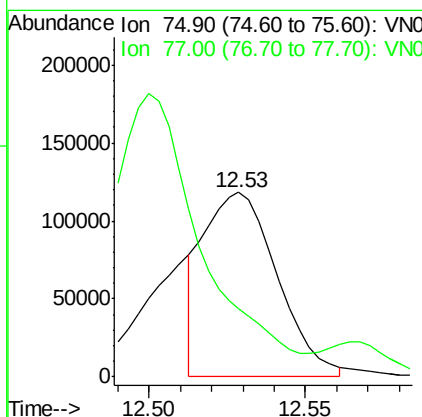
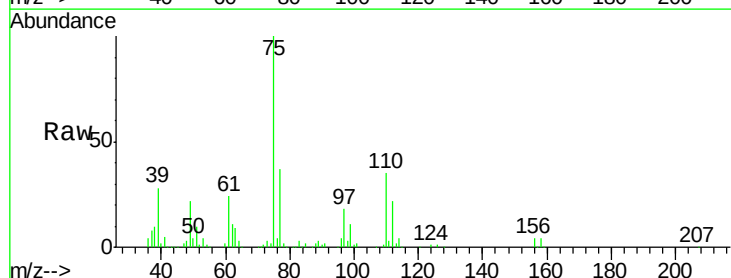
RT: 12.53 min Scan# 3345

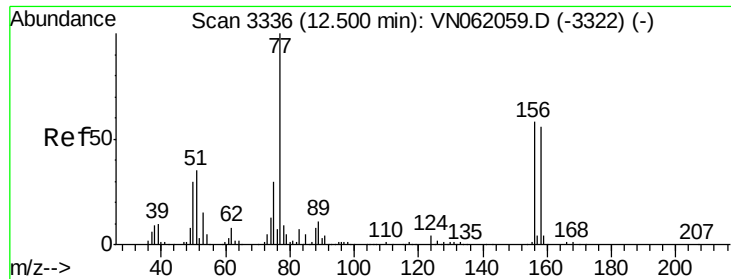
Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Tgt Ion:	75	Resp:	192902
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 48.765 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Instrument :

MSVOA_N

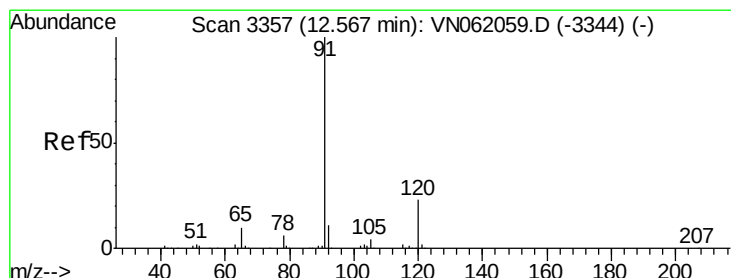
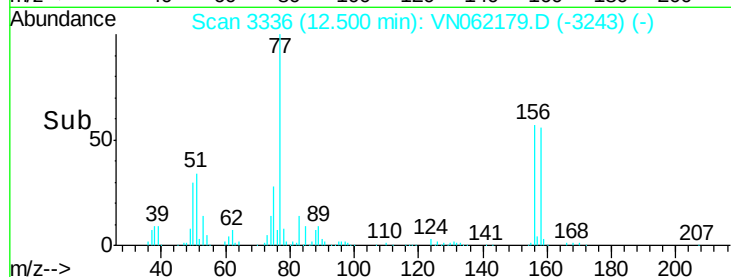
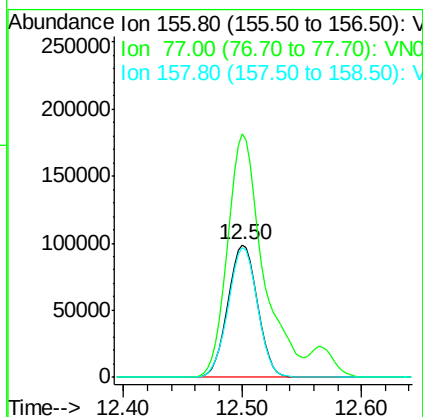
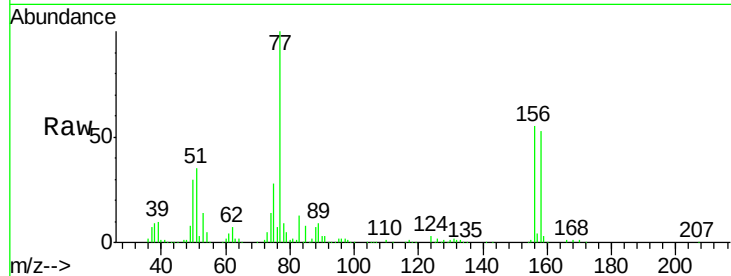
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	170680
Ion Ratio	Lower	Upper	
156	100		
77	218.9	104.6	313.8
158	97.3	48.0	144.0

Manual Integrations
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#78

n-propylbenzene

Concen: 52.807 ug/l

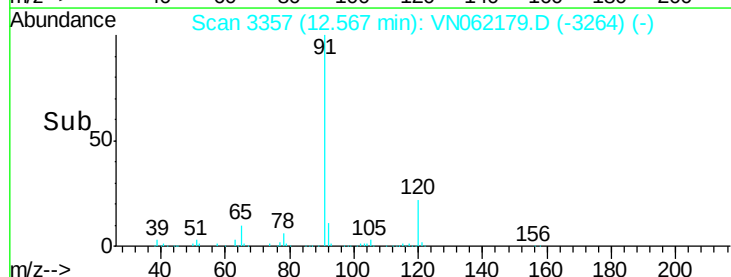
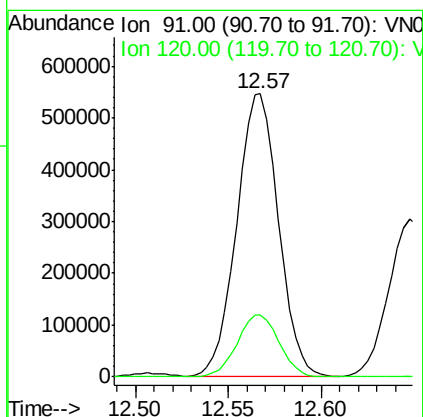
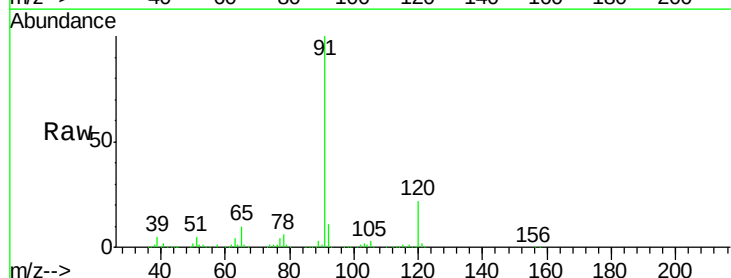
RT: 12.57 min Scan# 3357

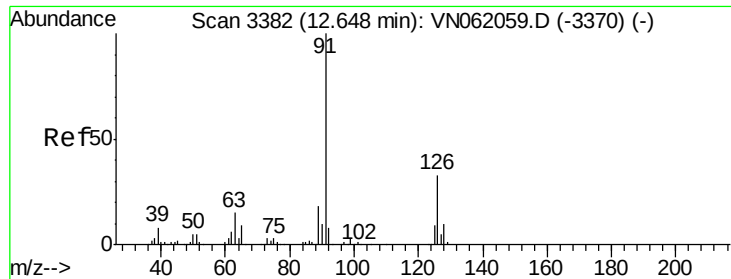
Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Tgt Ion:	91	Resp:	851559
Ion Ratio	Lower	Upper	
91	100		
120	22.2	11.4	34.1





#79

2-Chlorotoluene

Concen: 51.743 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 504432

Ion Ratio Lower Upper

91 100

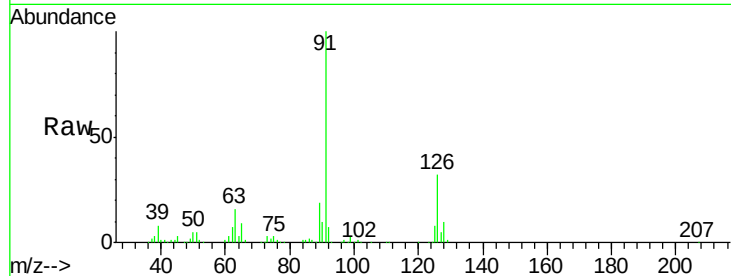
126 32.7 16.9 50.7

Manual Integrations

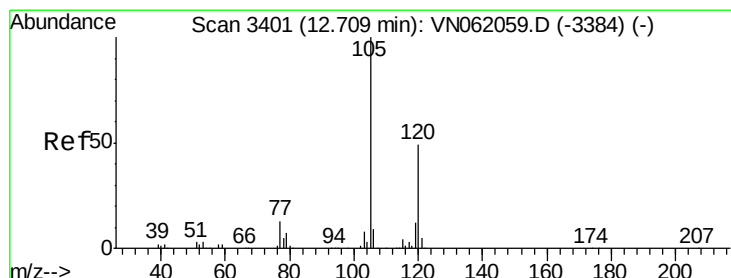
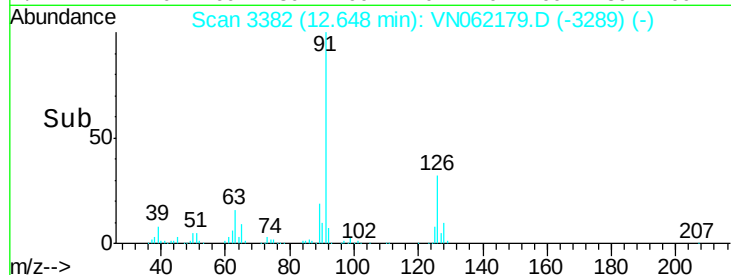
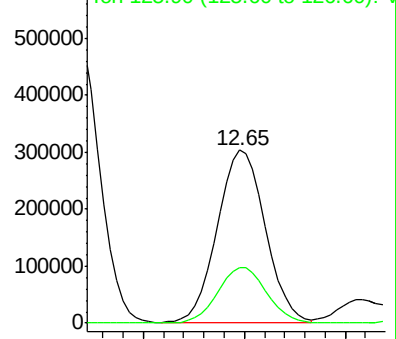
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Abundance Ion 91.00 (90.70 to 91.70): VN062179.D (-3389) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.221 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN062179.D

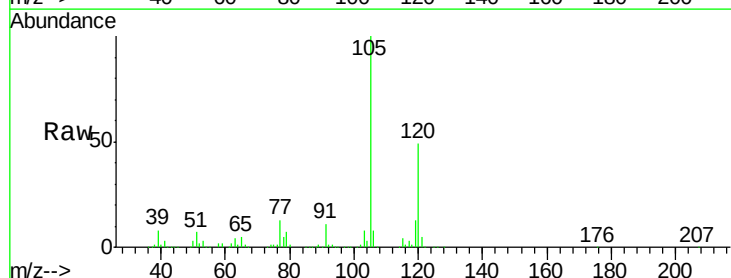
Acq: 27 Jun 2020 7:53

Tgt Ion: 105 Resp: 619660

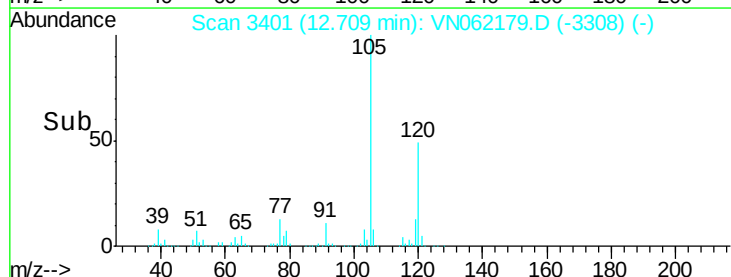
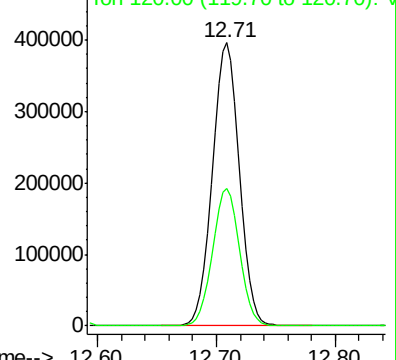
Ion Ratio Lower Upper

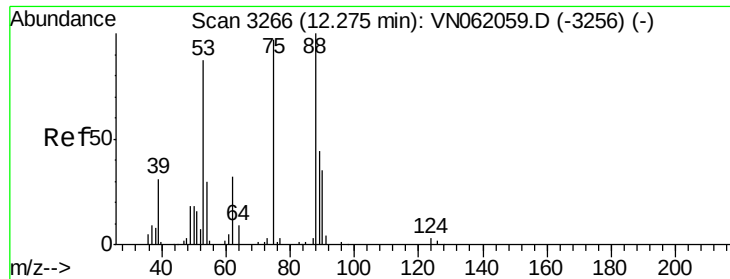
105 100

120 48.9 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN062179.D (-3308) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 44.385 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Instrument :

MSVOA_N

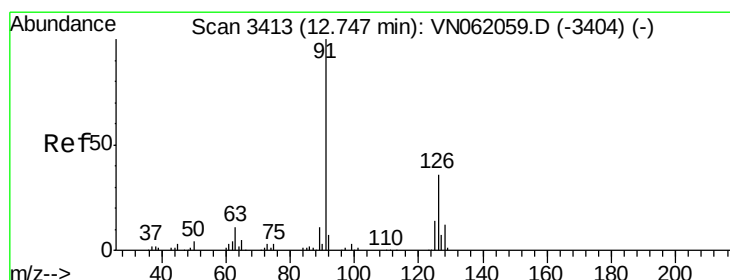
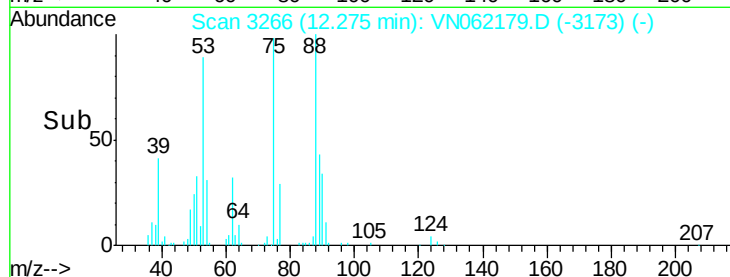
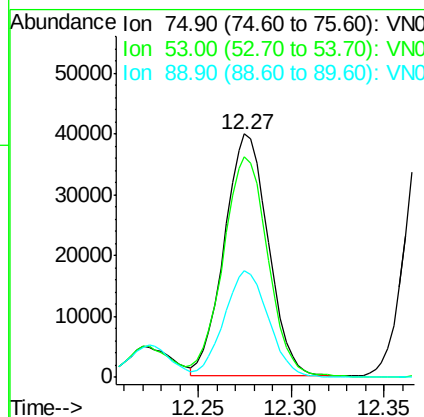
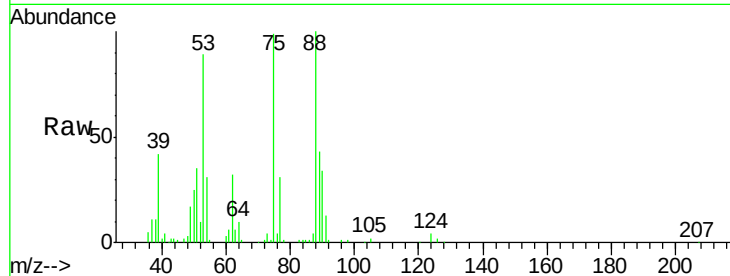
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	65160
Ion	Ratio	Lower	Upper
75	100		
53	94.4	72.0	108.0
89	44.6	36.9	55.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 52.792 ug/l

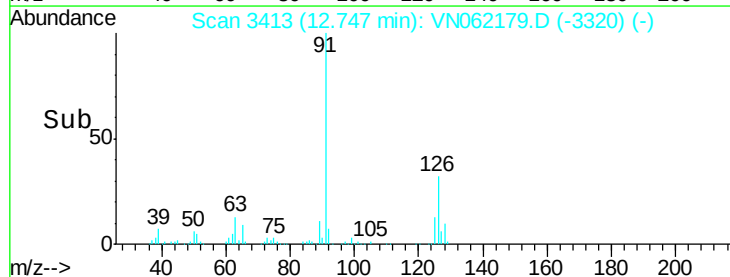
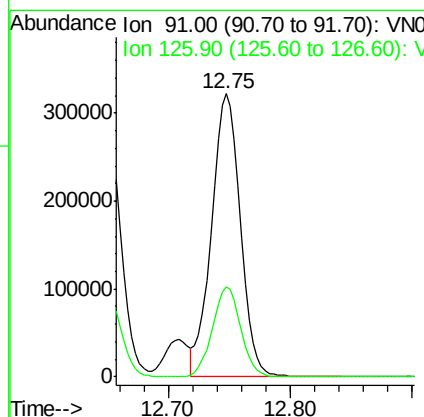
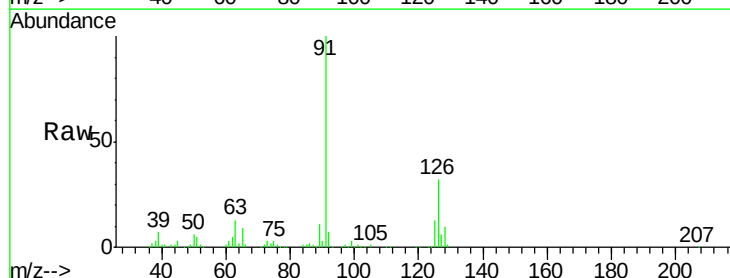
RT: 12.75 min Scan# 3413

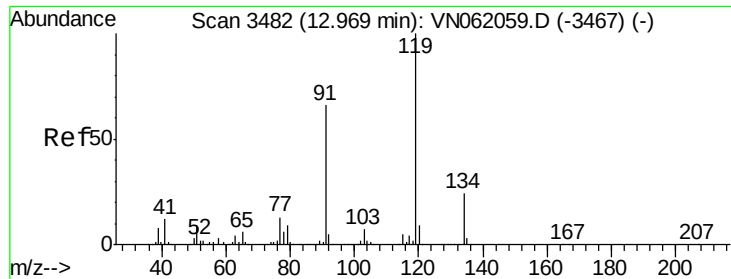
Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Tgt Ion:	91	Resp:	532212
Ion	Ratio	Lower	Upper
91	100		
126	31.2	16.7	50.1





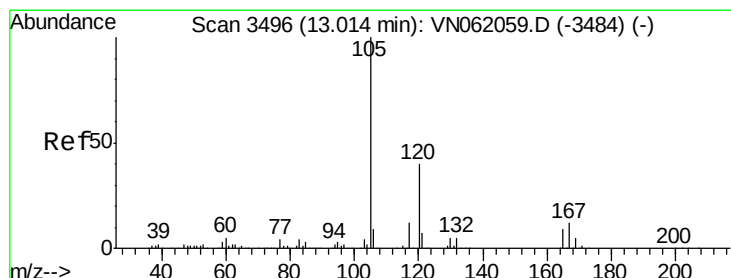
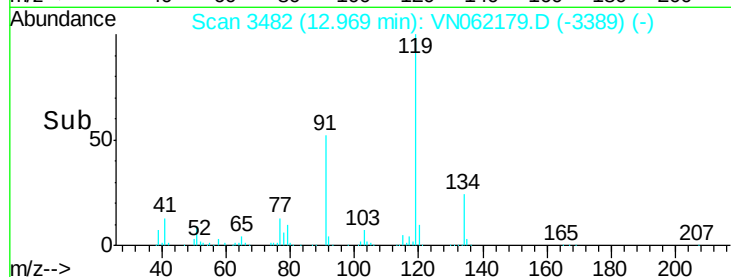
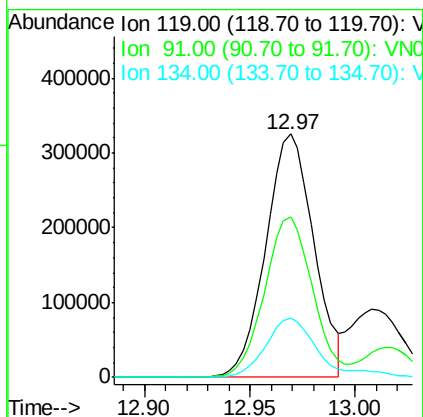
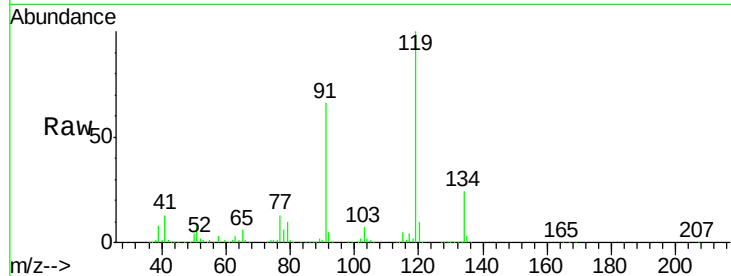
#83
 tert-Butylbenzene
 Concen: 52.833 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN062179.D
 Acq: 27 Jun 2020 7:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	516729		
91	65.5		31.7	95.1
134	26.5		13.1	39.1

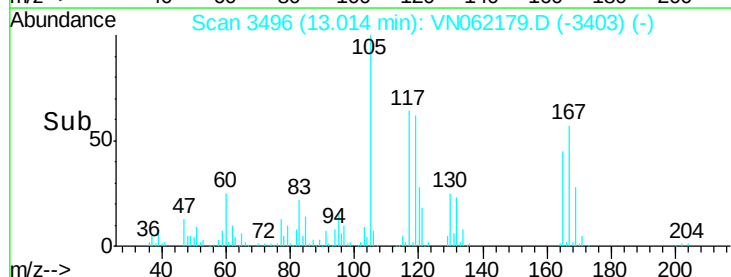
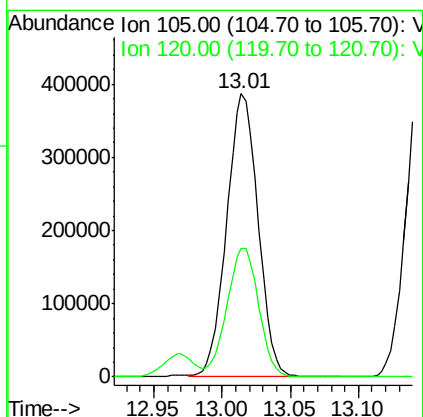
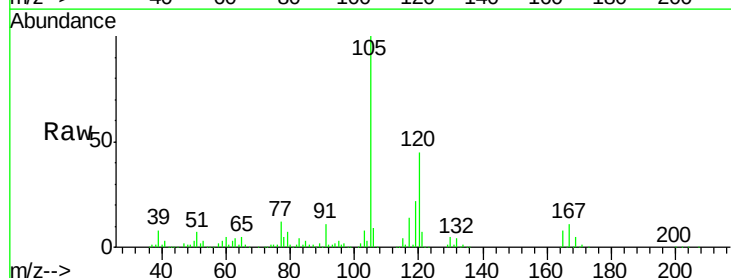
Manual Integrations
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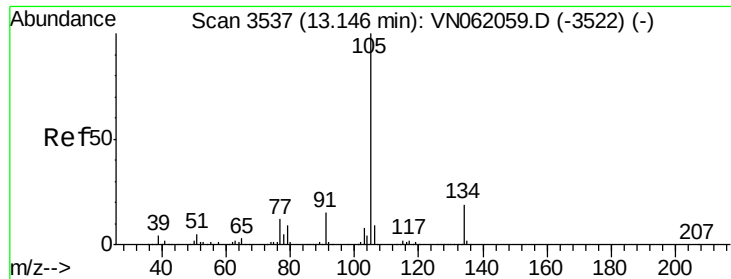
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#84
 1,2,4-Trimethylbenzene
 Concen: 54.080 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN062179.D
 Acq: 27 Jun 2020 7:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	617273		
120	46.0		23.2	69.5





#85

sec-Butylbenzene

Concen: 54.930 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 709899

Ion Ratio Lower Upper

105 100

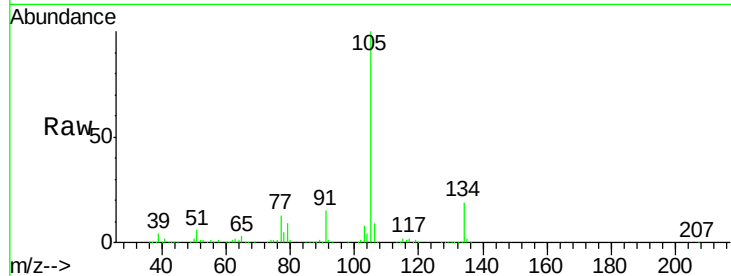
134 19.1 9.7 29.1

Manual Integrations

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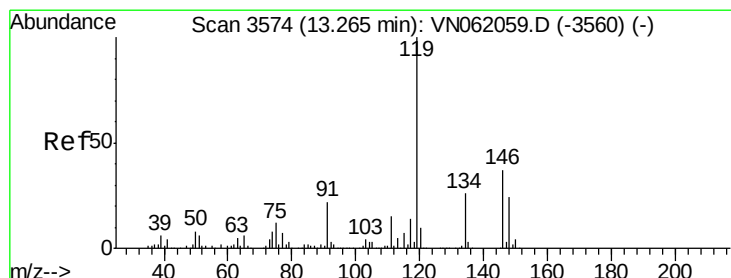
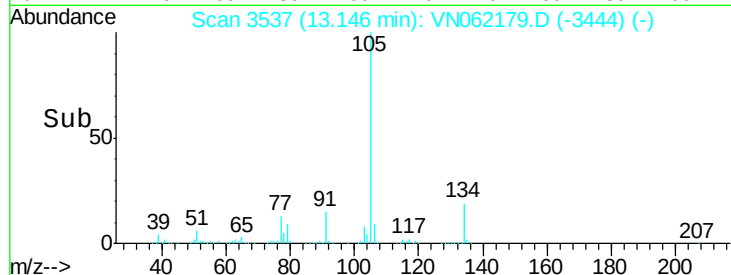
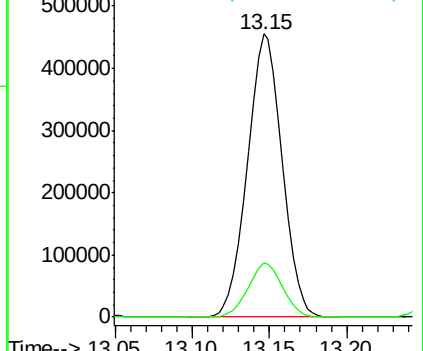
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.596 ug/l

RT: 13.27 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

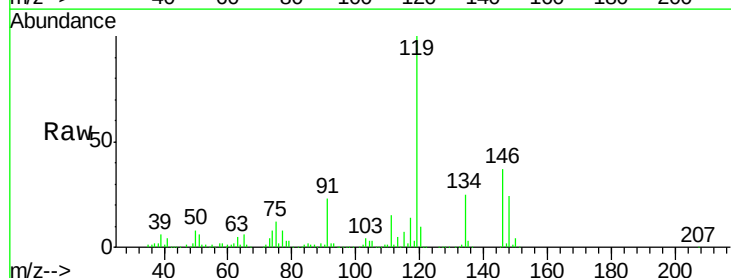
Tgt Ion:119 Resp: 629493

Ion Ratio Lower Upper

119 100

134 25.4 13.0 39.0

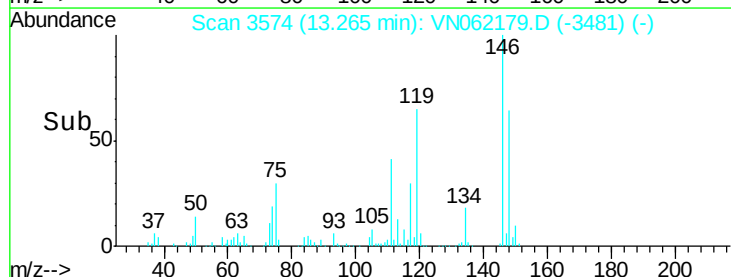
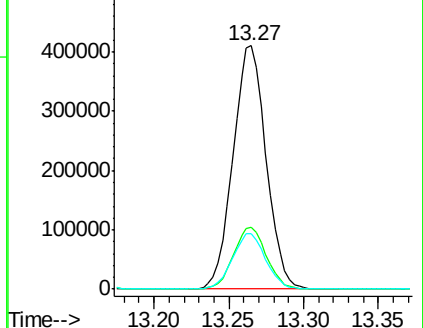
91 22.8 11.3 33.8

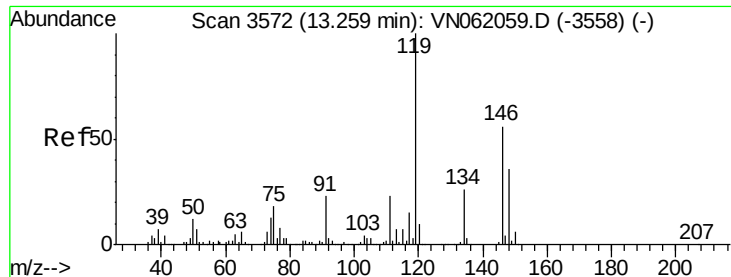


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.408 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Instrument :

MSVOA_N

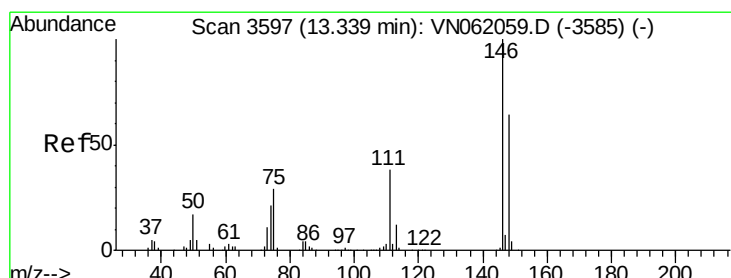
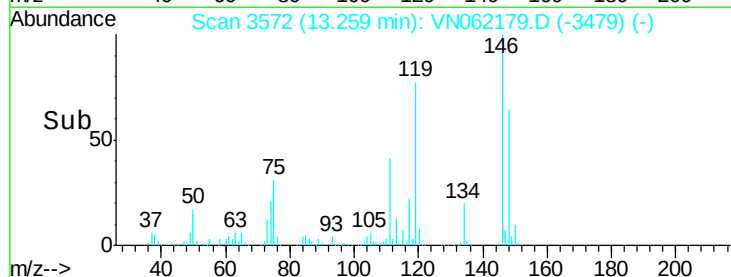
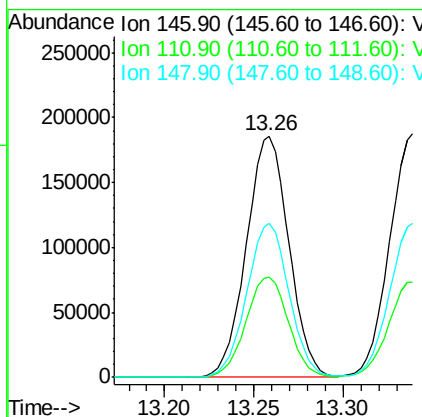
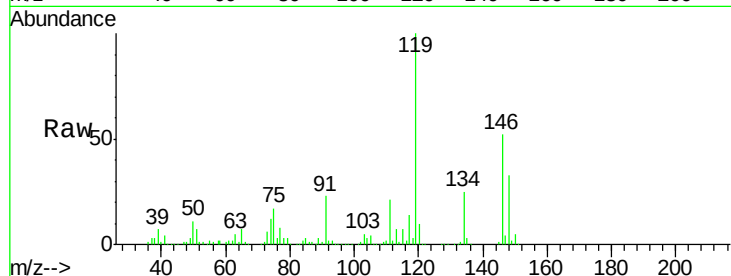
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	309811
Ion Ratio	Lower	Upper	
146	100		
111	41.5	20.3	61.0
148	63.4	31.8	95.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 48.583 ug/l

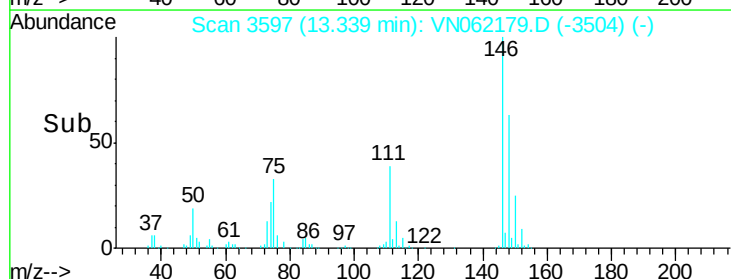
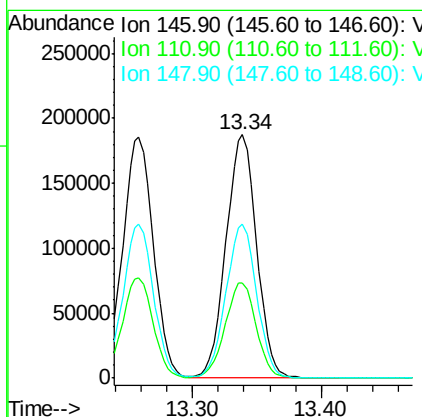
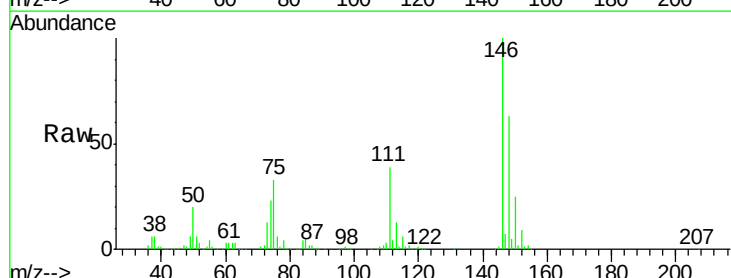
RT: 13.34 min Scan# 3597

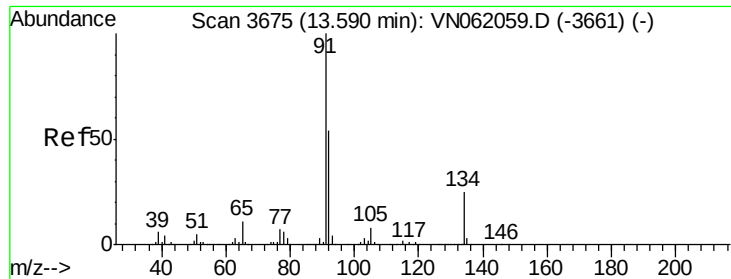
Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Tgt Ion:	146	Resp:	307789
Ion Ratio	Lower	Upper	
146	100		
111	39.7	19.9	59.6
148	63.5	31.9	95.9





#89

n-Butylbenzene

Concen: 55.624 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Instrument :

MSVOA_N

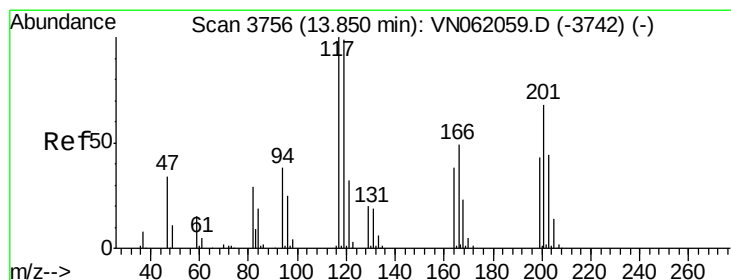
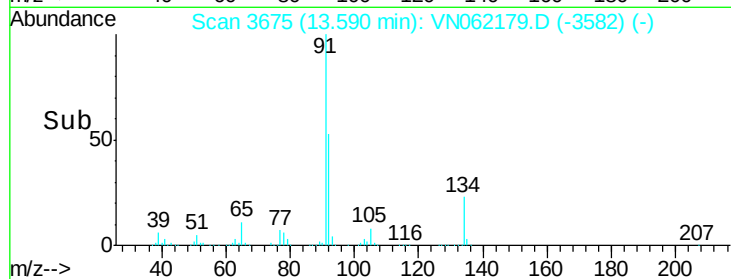
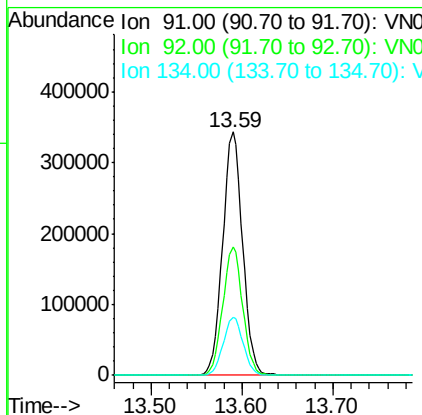
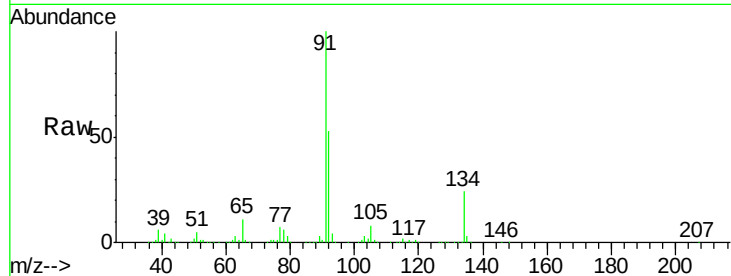
ClientSampleId :

VSTDCCC050EC

Tot Ion:	91	Resp:	523619
Ion Ratio	Lower	Upper	
91	100		
92	52.6	26.6	79.7
134	24.1	12.3	36.9

Manual Integrations
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#90

Hexachloroethane

Concen: 52.619 ug/l

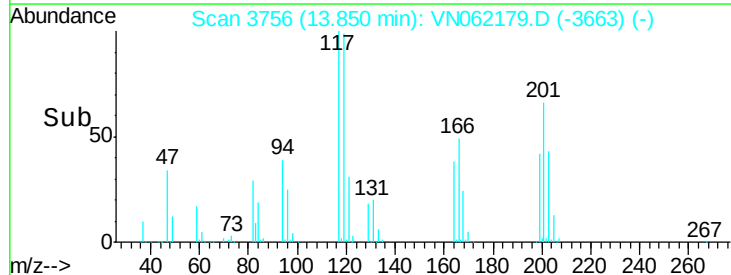
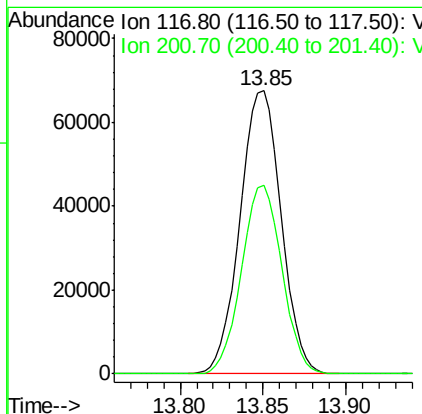
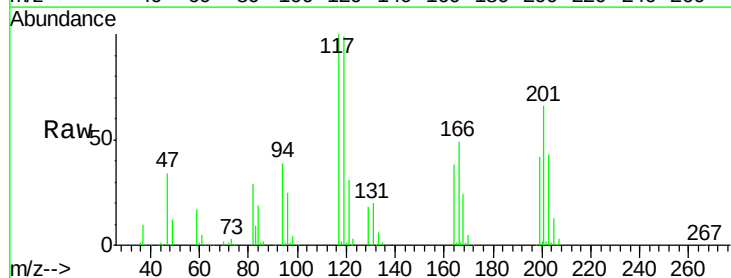
RT: 13.85 min Scan# 3756

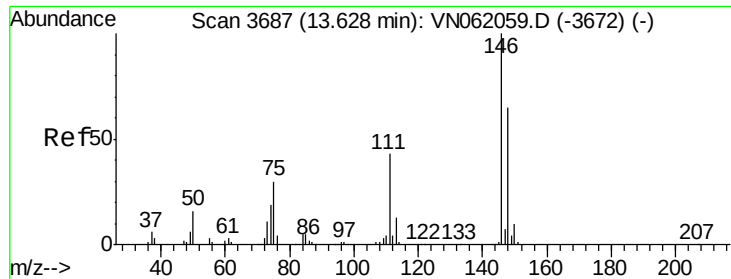
Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Tgt Ion:	117	Resp:	116893
Ion Ratio	Lower	Upper	
117	100		
201	65.1	32.7	98.1





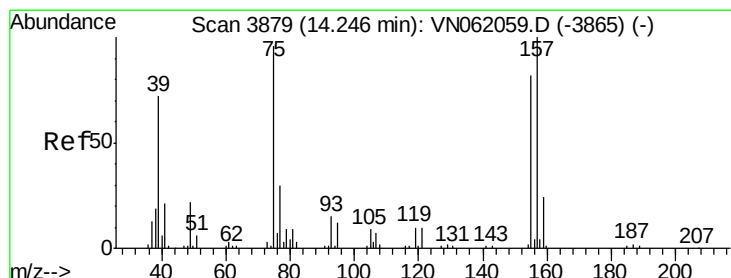
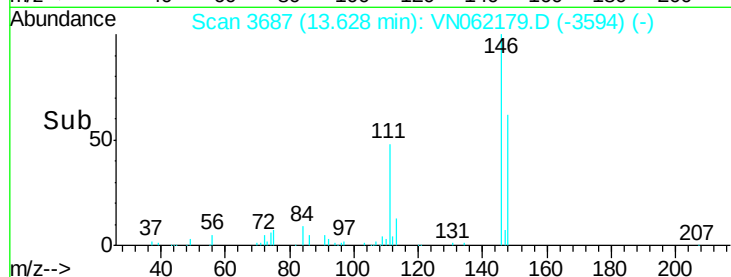
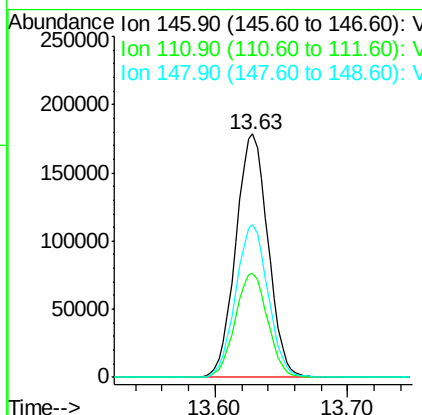
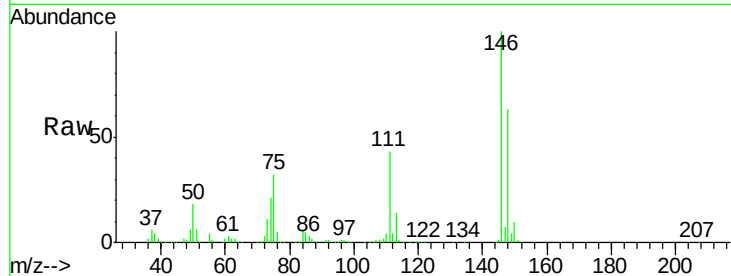
#91
 1,2-Dichlorobenzene
 Concen: 50.548 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062179.D
 Acq: 27 Jun 2020 7:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.2	63.6
148	62.9	31.9	95.5

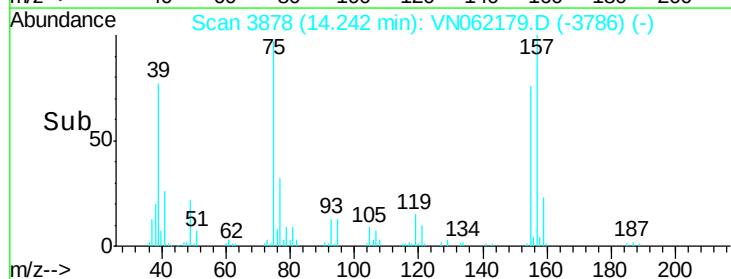
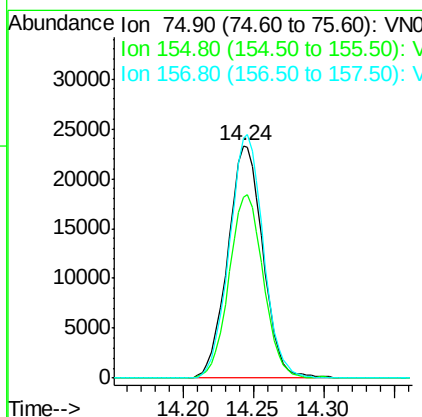
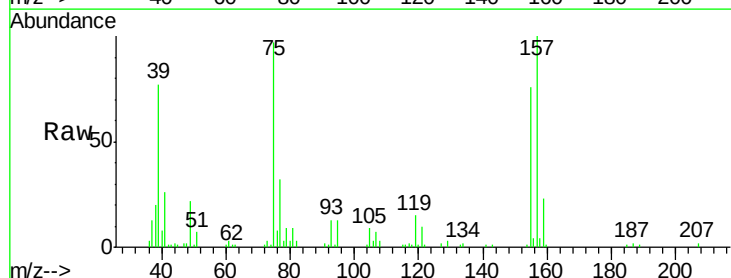
Manual Integrations
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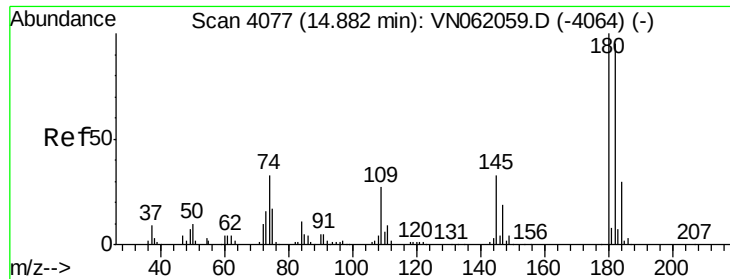
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.952 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062179.D
 Acq: 27 Jun 2020 7:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.2	40.8	122.4
157	101.2	51.4	154.3





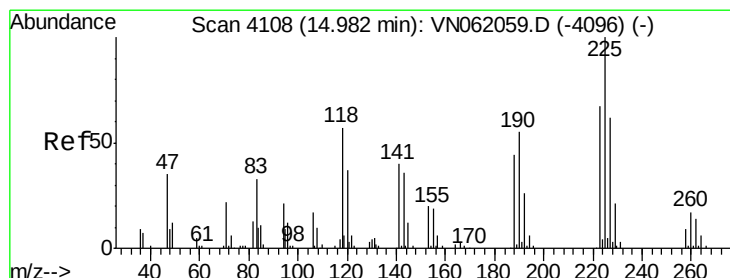
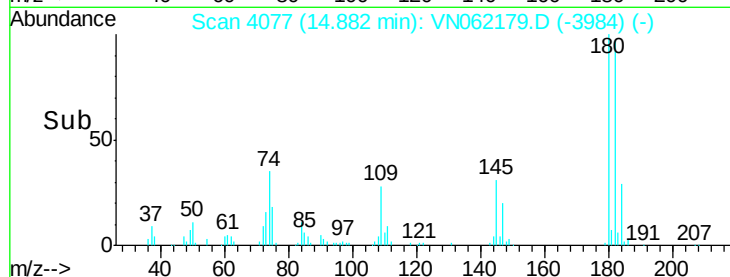
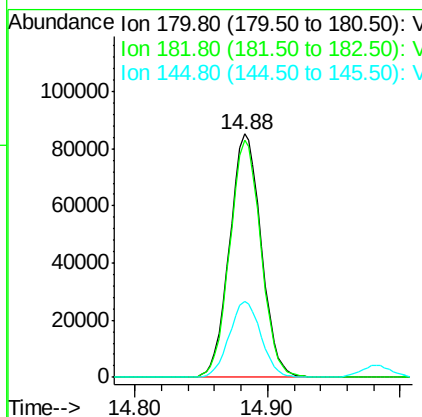
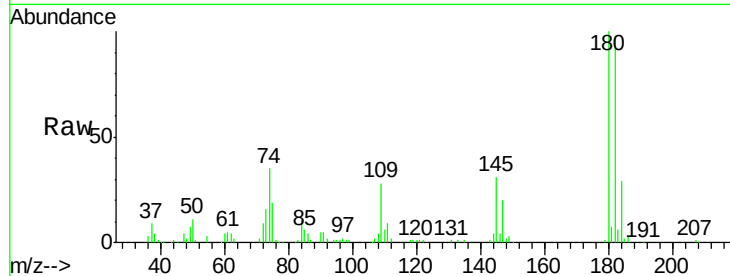
#93
 1,2,4-Trichlorobenzene
 Concen: 54.174 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062179.D
 Acq: 27 Jun 2020 7:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	141047		
182	96.0	48.0	144.2	
145	31.3	16.0	48.0	

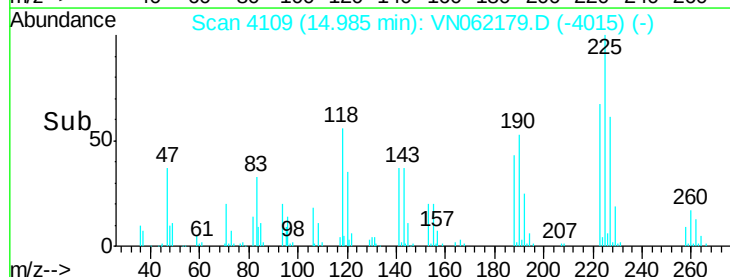
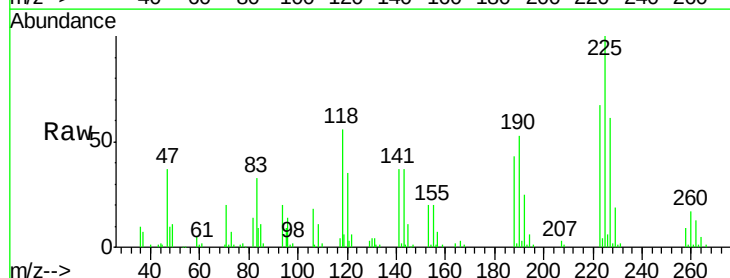
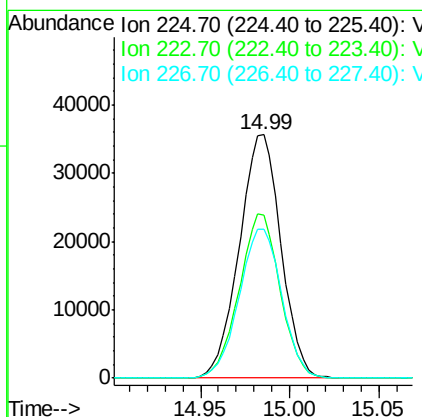
Manual Integrations
 APPROVED

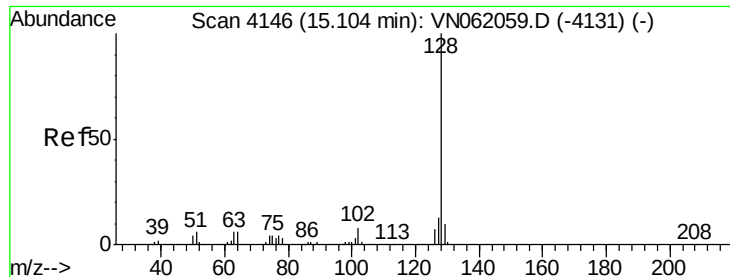
MMDadoda
 6/29/2020 12:36:02 PM



#94
 Hexachlorobutadiene
 Concen: 51.359 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062179.D
 Acq: 27 Jun 2020 7:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	58077		
223	66.2	32.9	98.7	
227	62.4	31.3	93.8	





#95

Naphthalene

Concen: 49.456 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Instrument :

MSVOA_N

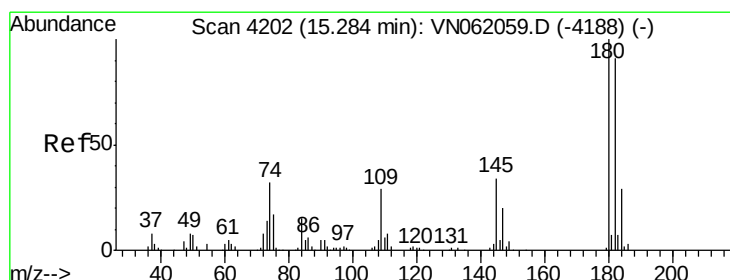
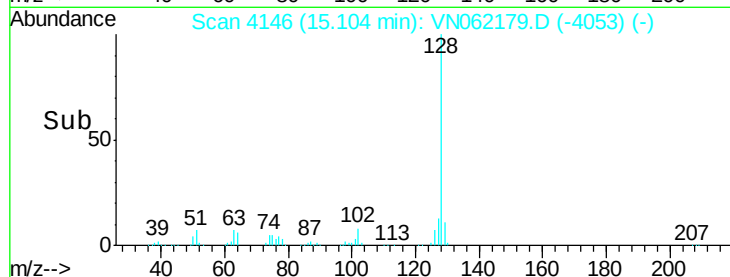
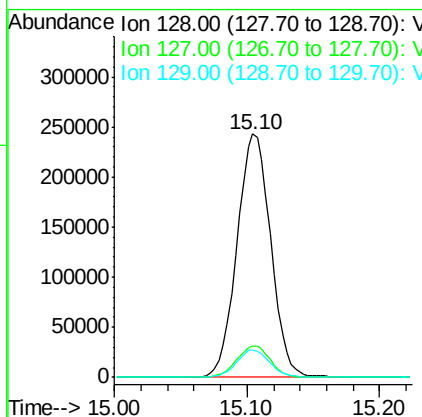
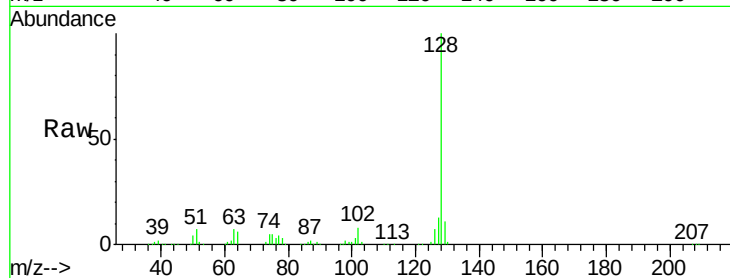
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	428914
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.5	15.7
129	11.1	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/29/2020 12:36:02 PM



#96

1,2,3-Trichlorobenzene

Concen: 53.837 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN062179.D

Acq: 27 Jun 2020 7:53

Tgt Ion:	180	Resp:	143325
Ion Ratio	Lower	Upper	
180	100		
182	94.1	46.8	140.4
145	33.4	16.4	49.2

