

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN063020\
 Data File : VN062259.D
 Acq On : 1 Jul 2020 00:17
 Operator : JC/MD
 Sample : VN0630WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/1/2020 11:04:23 AM

Quant Time: Jul 01 05:42:08 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	203092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	384595	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	350370	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	153286	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	171661	60.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.46%	
35) Dibromofluoromethane	7.55	113	131884	53.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.90%	
50) Toluene-d8	10.06	98	505187	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	
62) 4-Bromofluorobenzene	12.38	95	165333	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.24%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	38950	16.967	ug/l	97
3) Chloromethane	2.03	50	57561	20.510	ug/l	100
4) Vinyl Chloride	2.16	62	65753	18.188	ug/l	97
5) Bromomethane	2.53	94	41820	17.899	ug/l	96
6) Chloroethane	2.67	64	47336	19.168	ug/l	99
7) Trichlorofluoromethane	2.98	101	71809	16.120	ug/l	99
8) Diethyl Ether	3.37	74	33025	21.232	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	42251	18.112	ug/l	97
10) Methyl Iodide	3.91	142	46421	17.670	ug/l	99
11) Tert butyl alcohol	4.73	59	48023m	117.357	ug/l	
12) 1,1-Dichloroethene	3.69	96	43068	18.468	ug/l	95
13) Acrolein	3.57	56	42135	105.170	ug/l	98
14) Allyl chloride	4.27	41	67362	21.217	ug/l	97
15) Acrylonitrile	4.93	53	126881	113.784	ug/l	100
16) Acetone	3.78	43	106073	116.406	ug/l	98
17) Carbon Disulfide	4.00	76	123341	18.498	ug/l	99
18) Methyl Acetate	4.28	43	54423	24.021	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	160508	21.540	ug/l	98
20) Methylene Chloride	4.50	84	58740	22.331	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	49833	18.758	ug/l	98
22) Diisopropyl ether	5.90	45	158810	21.968	ug/l	94
23) Vinyl Acetate	5.84	43	650294	110.179	ug/l	97
24) 1,1-Dichloroethane	5.80	63	97559	20.957	ug/l	99
25) 2-Butanone	6.79	43	159437	114.450	ug/l	98
26) 2,2-Dichloropropane	6.78	77	63930	16.480	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	58917	19.709	ug/l	99
28) Bromochloromethane	7.15	49	48046	23.788	ug/l	93
29) Tetrahydrofuran	7.17	42	106087	116.256	ug/l	97
30) Chloroform	7.33	83	97888	20.668	ug/l	98
31) Cyclohexane	7.61	56	72001	18.285	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	76820	19.233	ug/l	98
36) 1,1-Dichloropropene	7.75	75	66578	17.222	ug/l	98
37) Ethyl Acetate	6.88	43	68354	21.354	ug/l	97
38) Carbon Tetrachloride	7.73	117	62108	17.041	ug/l	98

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MMDadoda
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 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)
39) Methylcyclohexane	9.05	83	67378	15.907	ug/l	98
40) Benzene	8.00	78	220134	18.683	ug/l	99
41) Methacrylonitrile	7.14	41	32720m	22.048	ug/l	
42) 1,2-Dichloroethane	8.08	62	80194	20.145	ug/l	99
43) Isopropyl Acetate	8.13	43	109782	21.038	ug/l	99
44) Trichloroethene	8.80	130	49755	16.740	ug/l	97
45) 1,2-Dichloropropane	9.08	63	58119	19.994	ug/l	100
46) Dibromomethane	9.17	93	38110	19.337	ug/l	96
47) Bromodichloromethane	9.37	83	77506	19.477	ug/l	100
48) Methyl methacrylate	9.17	41	48924	20.910	ug/l	95
49) 1,4-Dioxane	9.17	88	20542	395.906	ug/l #	93
51) 4-Methyl-2-Pentanone	9.95	43	336209	110.276	ug/l	98
52) Toluene	10.12	92	132822	18.475	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	82380	18.816	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	87402	18.751	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	56111	19.855	ug/l	96
56) Ethyl methacrylate	10.40	69	73508	19.491	ug/l	96
57) 1,3-Dichloropropane	10.68	76	95857	19.706	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	138569	96.842	ug/l	98
59) 2-Hexanone	10.72	43	240559	109.269	ug/l	99
60) Dibromochloromethane	10.87	129	56117	18.756	ug/l	99
61) 1,2-Dibromoethane	10.98	107	55185	19.005	ug/l	100
64) Tetrachloroethene	10.60	164	37980	15.869	ug/l	89
65) Chlorobenzene	11.41	112	138243	17.967	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	49746	18.697	ug/l	98
67) Ethyl Benzene	11.48	91	236355	18.189	ug/l	97
68) m/p-Xylenes	11.60	106	179138	35.642	ug/l	96
69) o-Xylene	11.92	106	86055	18.147	ug/l	96
70) Styrene	11.94	104	145879	18.445	ug/l	99
71) Bromoform	12.10	173	34229	18.095	ug/l #	99
73) Isopropylbenzene	12.22	105	220395	18.574	ug/l	100
74) N-amyl acetate	12.05	43	85011	21.505	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	86058	21.795	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	71237m	19.742	ug/l	
77) Bromobenzene	12.50	156	55065	18.692	ug/l	92
78) n-propylbenzene	12.57	91	254868	18.778	ug/l	99
79) 2-Chlorotoluene	12.65	91	158768	19.350	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	184195	19.149	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	24170	19.561	ug/l	98
82) 4-Chlorotoluene	12.75	91	161068	18.983	ug/l	98
83) tert-Butylbenzene	12.97	119	150635	18.299	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	184118	19.165	ug/l	100
85) sec-Butylbenzene	13.15	105	204745	18.823	ug/l	99
86) p-Isopropyltoluene	13.26	119	177776	18.655	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	94585	18.285	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	96351	18.069	ug/l	99
89) n-Butylbenzene	13.59	91	141127	17.812	ug/l	98
90) Hexachloroethane	13.85	117	34088	18.231	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	95340	19.007	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	12924	20.432	ug/l	98

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Instrument :
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ClientSampleId :
VN0630WBS02

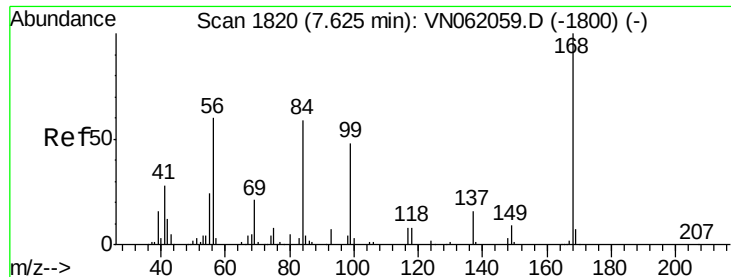
Manual Integrations
APPROVED

MMDadoda
7/1/2020 11:04:23 AM

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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)
93) 1,2,4-Trichlorobenzene	14.88	180	36848	16.815	ug/l	99
94) Hexachlorobutadiene	14.98	225	16835	17.688	ug/l	99
95) Naphthalene	15.10	128	110027	17.851	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	40159	17.923	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBS02

Tot Ion:168 Resp: 203092

Ion Ratio Lower Upper

168 100

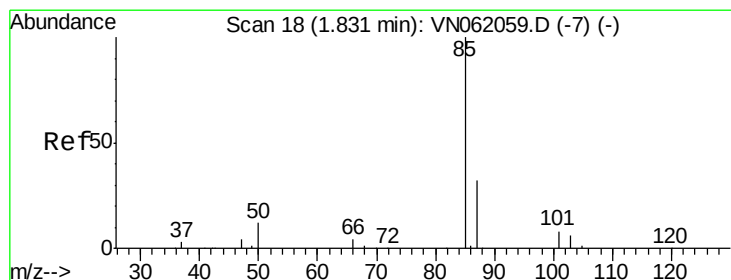
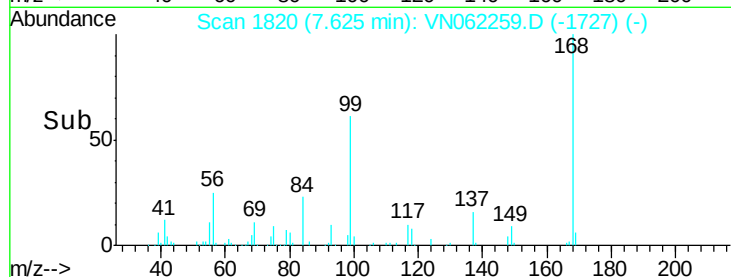
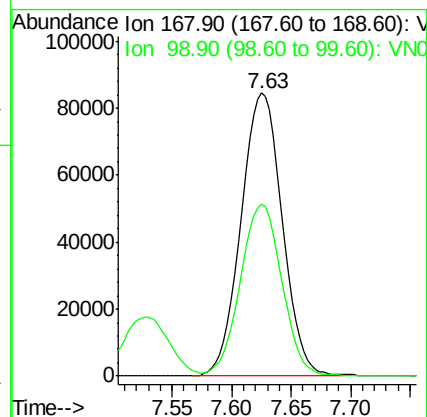
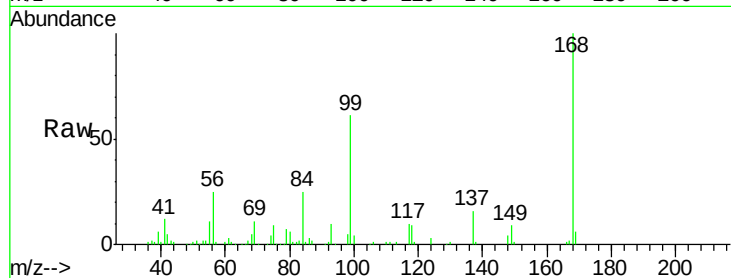
99 60.3 45.8 68.8

Manual Integrations

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7/1/2020 11:04:23 AM



#2

Dichlorodifluoromethane

Concen: 16.967 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062259.D

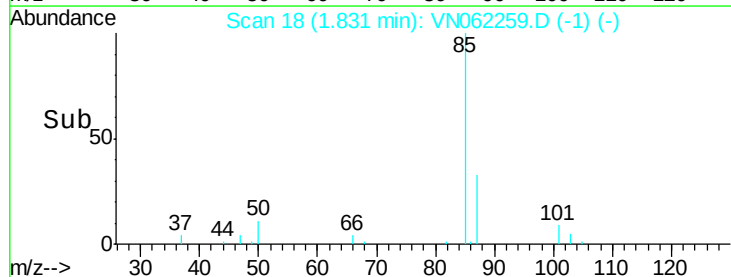
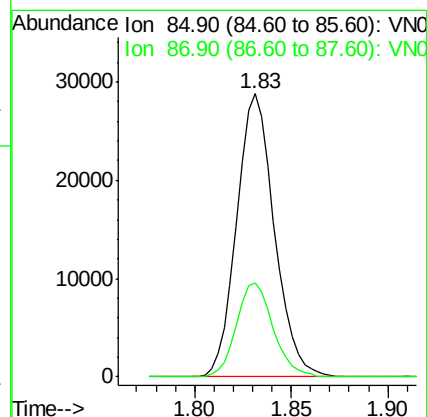
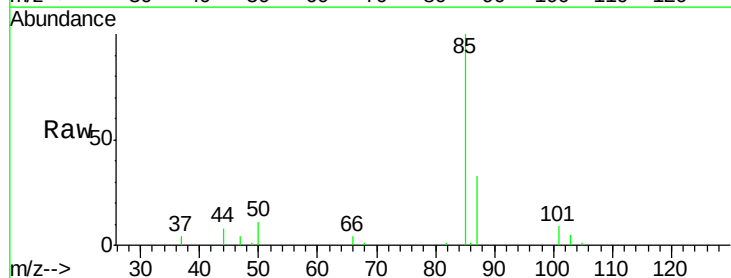
Acq: 1 Jul 2020 00:17

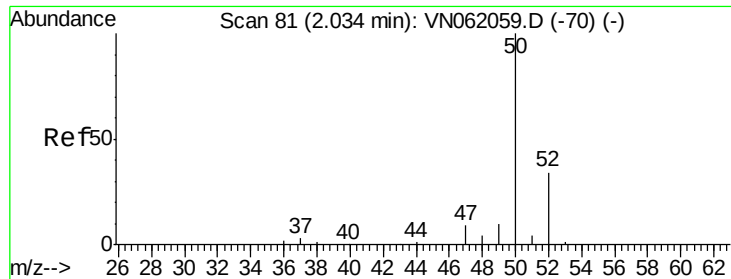
Tgt Ion: 85 Resp: 38950

Ion Ratio Lower Upper

85 100

87 33.3 15.9 47.7





#3

Chloromethane

Concen: 20.510 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Instrument :

MSVOA_N

ClientSampled :

VN0630WBS02

Tot Ion: 50 Resp: 57561

Ion Ratio Lower Upper

50 100

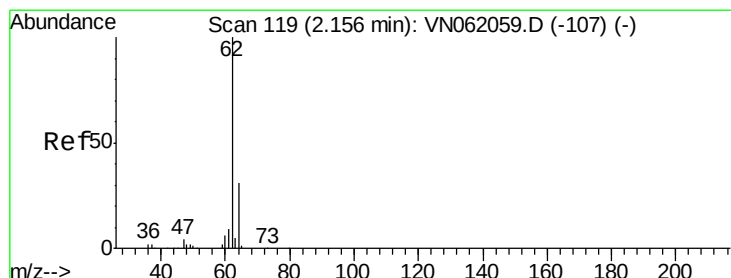
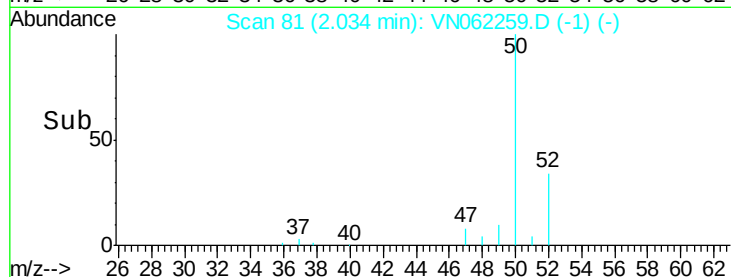
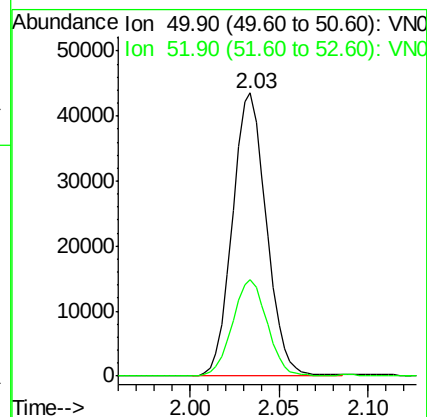
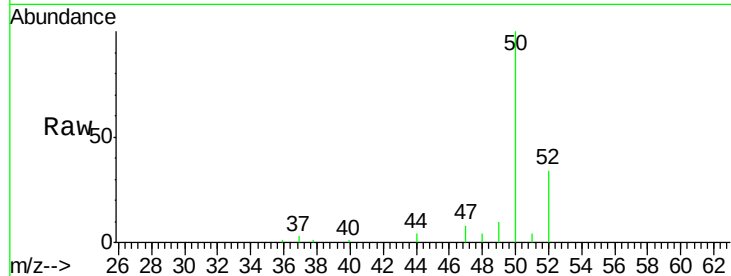
52 33.9 27.0 40.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.188 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN062259.D

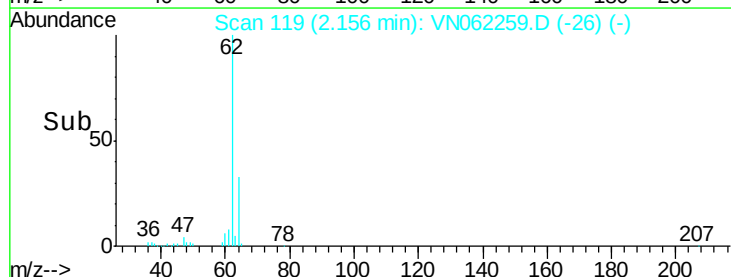
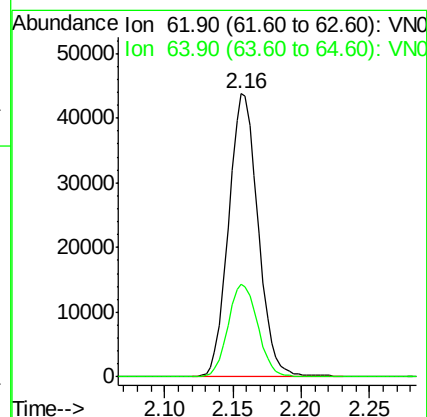
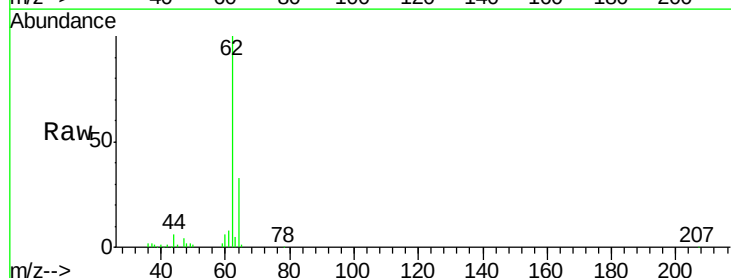
Acq: 1 Jul 2020 00:17

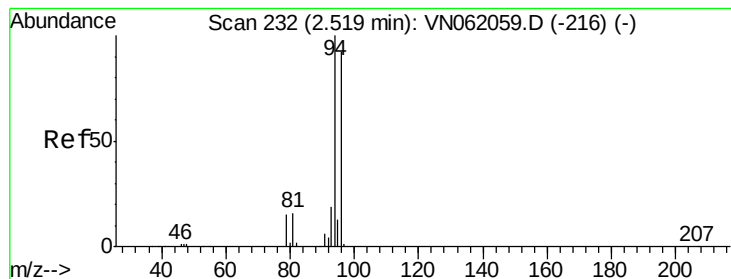
Tgt Ion: 62 Resp: 65753

Ion Ratio Lower Upper

62 100

64 32.9 25.1 37.7





#5

Bromomethane

Concen: 17.899 ug/l

RT: 2.53 min Scan# 234

Delta R.T. 0.01 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Instrument :

MSVOA_N

ClientSampled :

VN0630WBS02

Tot Ion: 94 Resp: 41820

Ion Ratio Lower Upper

94 100

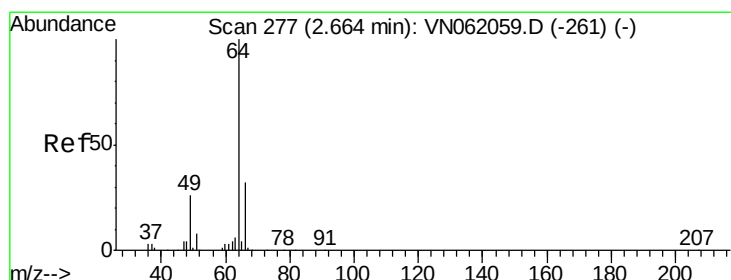
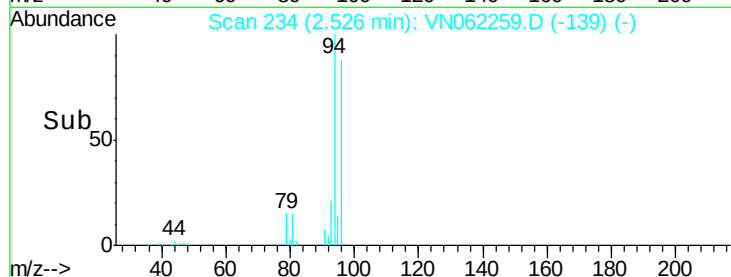
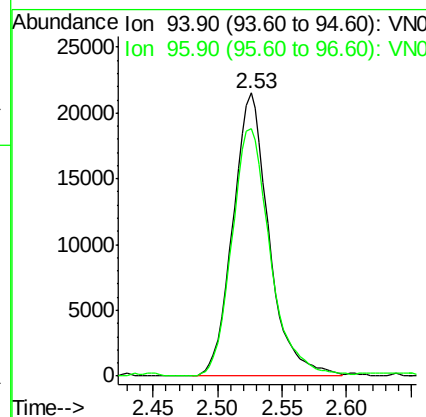
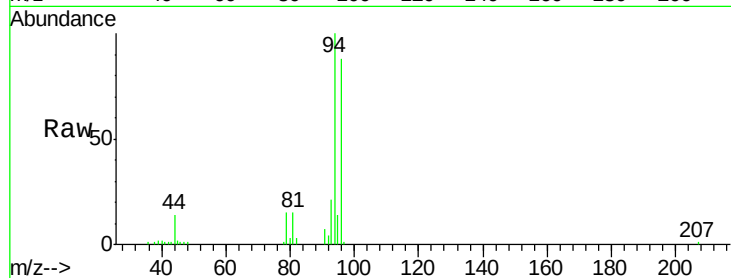
96 87.5 73.4 110.2

Manual Integrations

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#6

Chloroethane

Concen: 19.168 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN062259.D

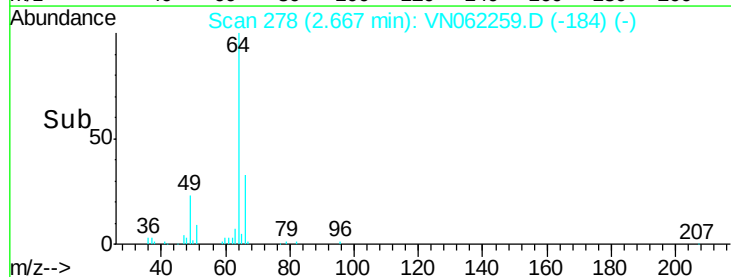
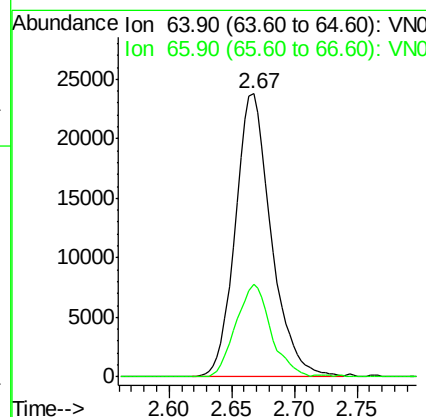
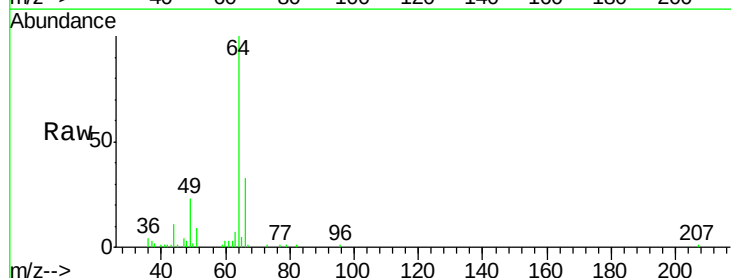
Acq: 1 Jul 2020 00:17

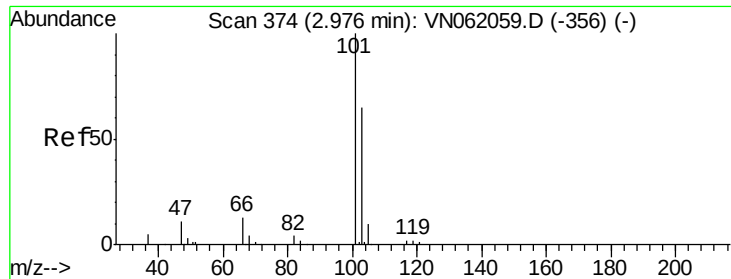
Tgt Ion: 64 Resp: 47336

Ion Ratio Lower Upper

64 100

66 32.6 25.8 38.6





#7

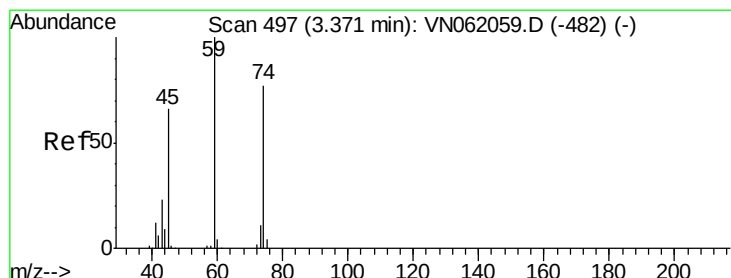
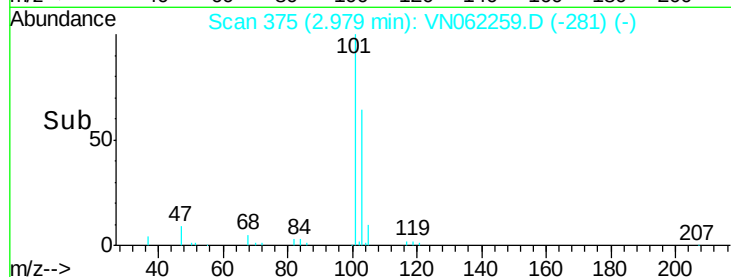
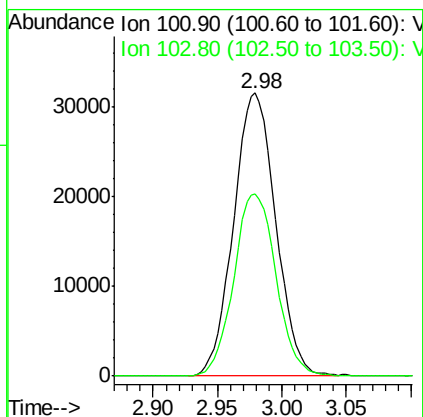
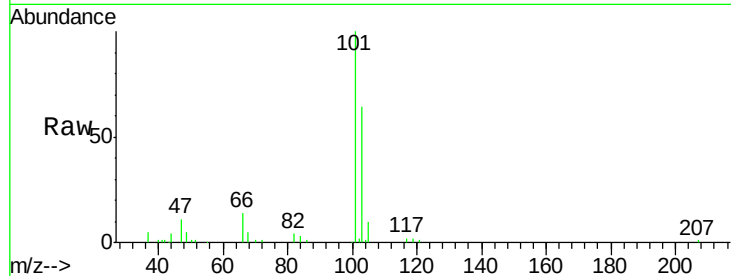
Trichlorofluoromethane
 Concen: 16.120 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN062259.D
 Acq: 1 Jul 2020 00:17

Instrument :
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 ClientSampleId :
 VN0630WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		71809		
103	64.2	51.8	77.6		

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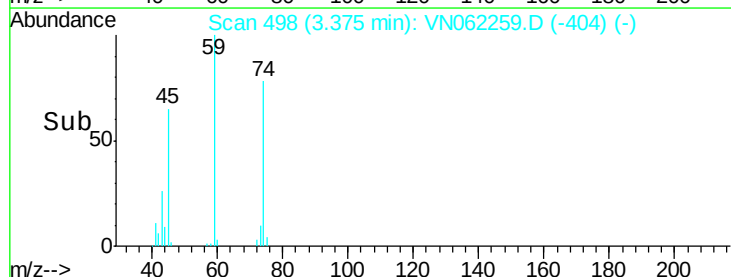
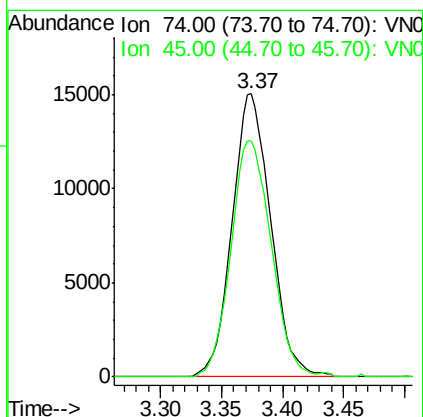
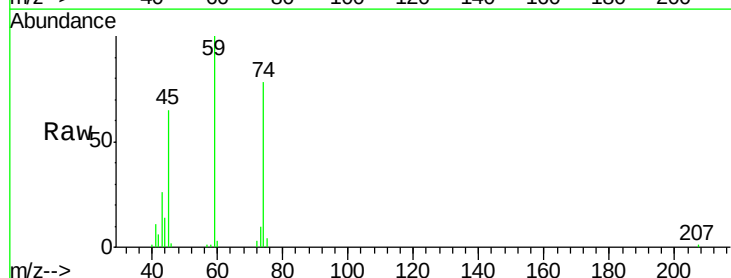
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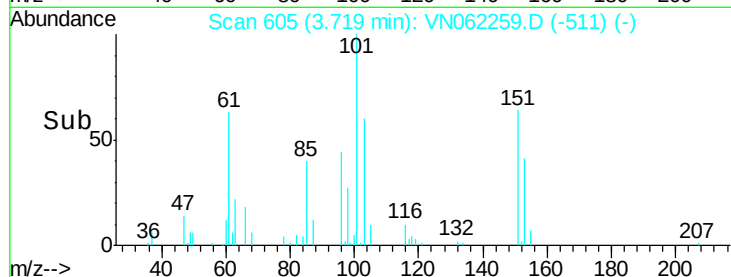
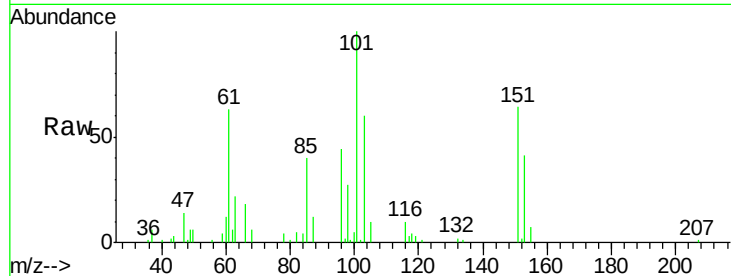
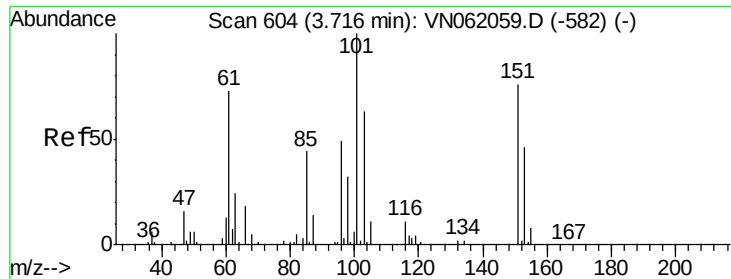


#8

Diethyl Ether
 Concen: 21.232 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062259.D
 Acq: 1 Jul 2020 00:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		33025		
45	86.8	42.5	127.5		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.112 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062259.D

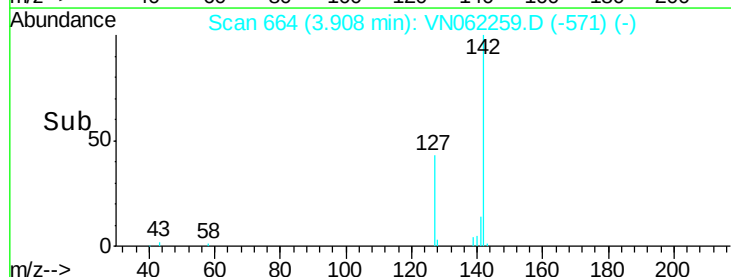
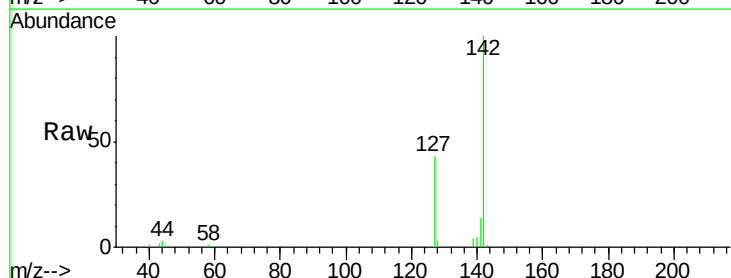
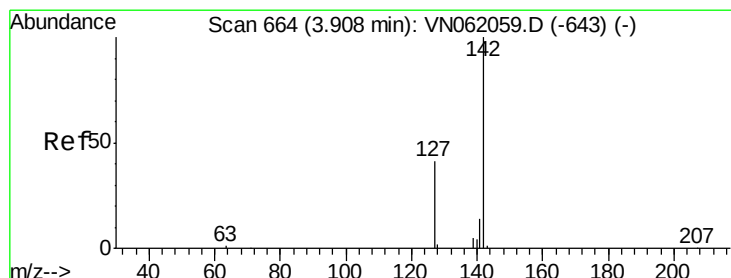
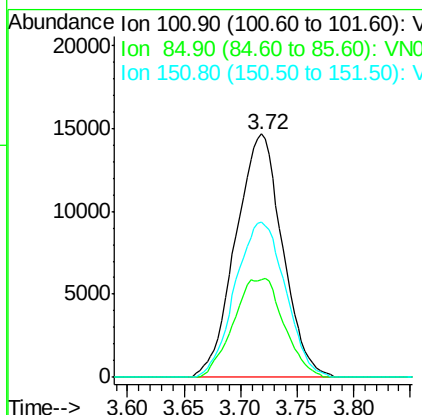
Acq: 1 Jul 2020 00:17

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBS02

Tot Ion	Ratio	Resp	Lower	Upper
101	100	42251		
85	43.5		34.5	51.7
151	68.3		57.8	86.8

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#10

Methyl Iodide

Concen: 17.670 ug/l

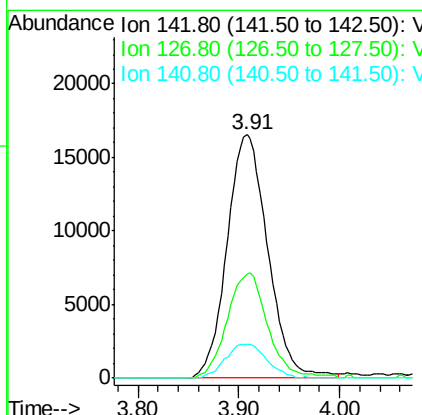
RT: 3.91 min Scan# 664

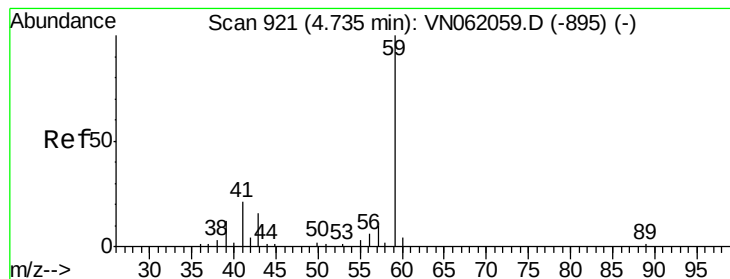
Delta R.T. -0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	46421		
127	42.4		33.6	50.4
141	14.0		11.3	16.9





#11

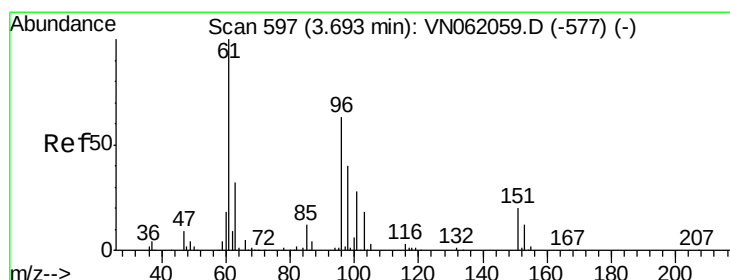
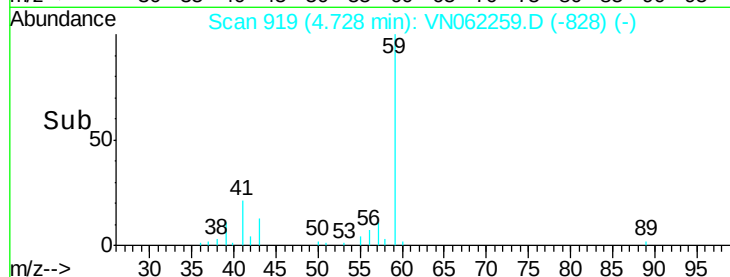
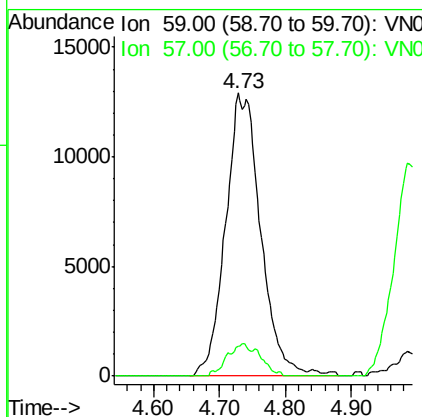
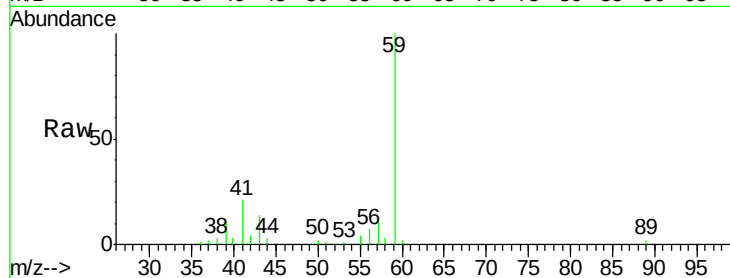
Tert butyl alcohol
 Concen: 117.357 ug/l m
 RT: 4.73 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VN062259.D
 Acq: 1 Jul 2020 00:17

Instrument :
 MSVOA_N
 ClientSampled :
 VN0630WBS02

Tot Ion	59	57	Ratio	100	7.3	Resp:	48023	Lower	8.3	Upper	12.5#
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Manual Integrations
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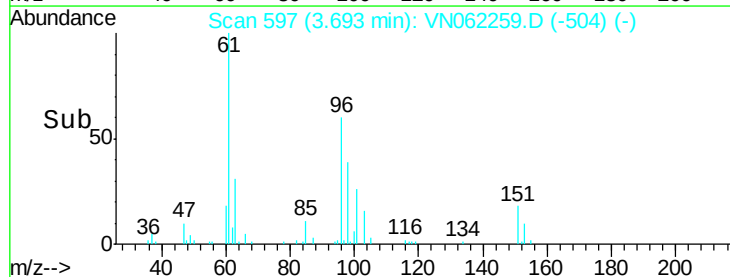
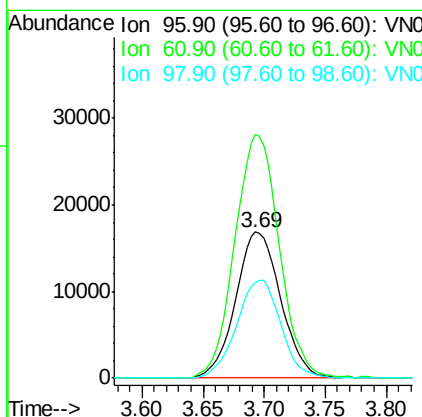
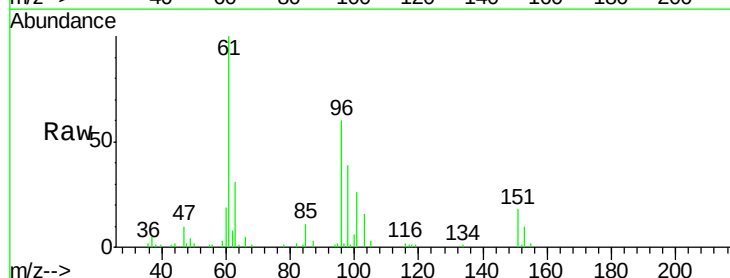
MMDadoda
 7/1/2020 11:04:23 AM

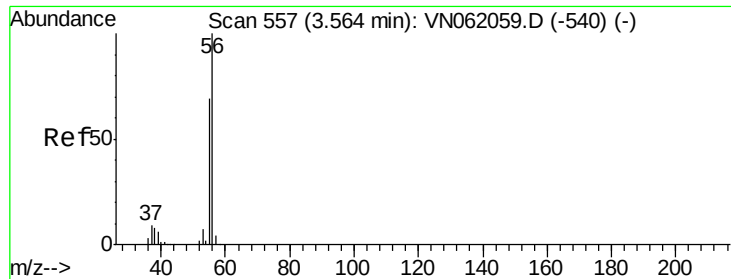


#12

1,1-Dichloroethene
 Concen: 18.468 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062259.D
 Acq: 1 Jul 2020 00:17

Tgt Ion	96	61	98	Ratio	100	167.0	65.6	Resp:	43068	Lower	126.7	51.0	Upper	190.1	76.4
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#13

Acrolein

Concen: 105.170 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Instrument :

MSVOA_N

ClientSampled :

VN0630WBS02

Tot Ion: 56 Resp: 42135

Ion Ratio Lower Upper

56 100

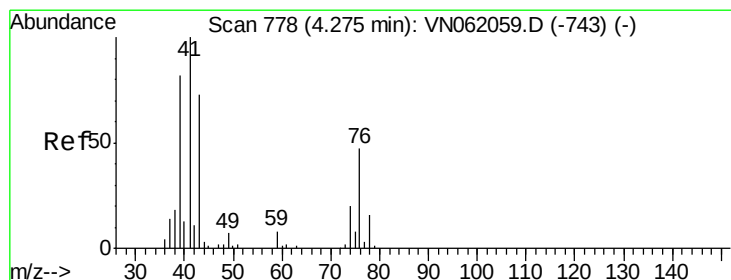
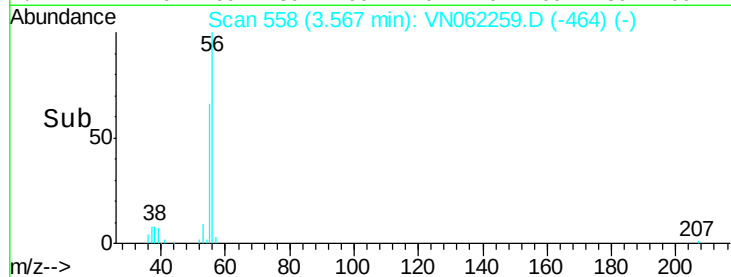
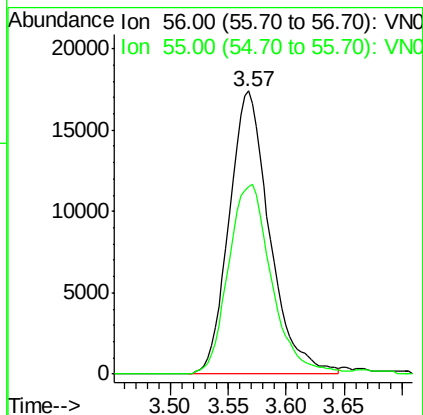
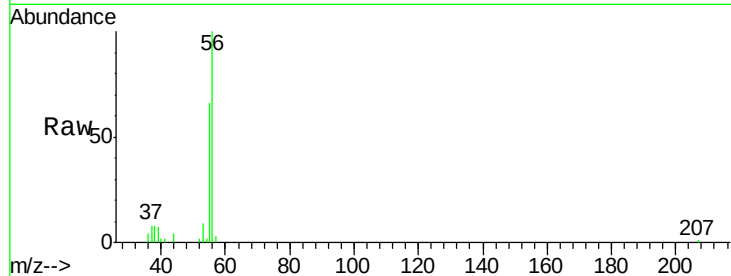
55 71.3 55.5 83.3

Manual Integrations

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MMDadoda

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#14

Allyl chloride

Concen: 21.217 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

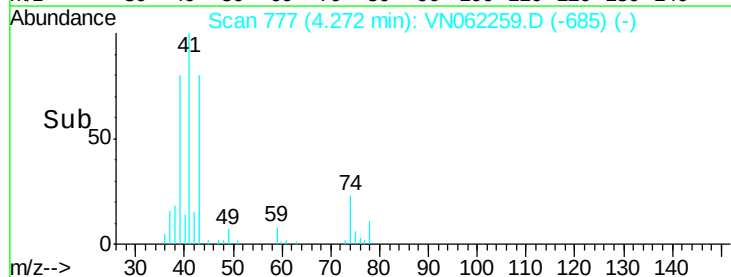
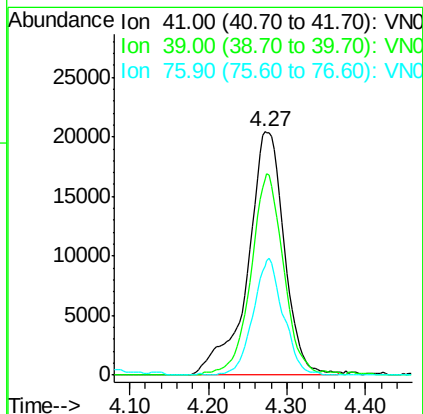
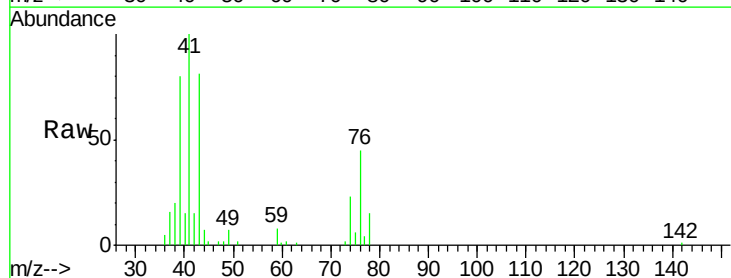
Tgt Ion: 41 Resp: 67362

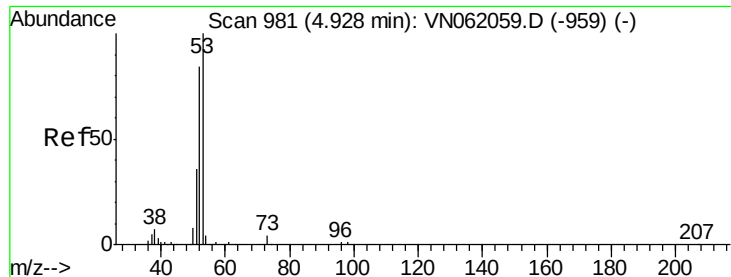
Ion Ratio Lower Upper

41 100

39 73.5 60.0 90.0

76 39.4 34.1 51.1





#15

Acrylonitrile

Concen: 113.784 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.01 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Instrument :

MSVOA_N

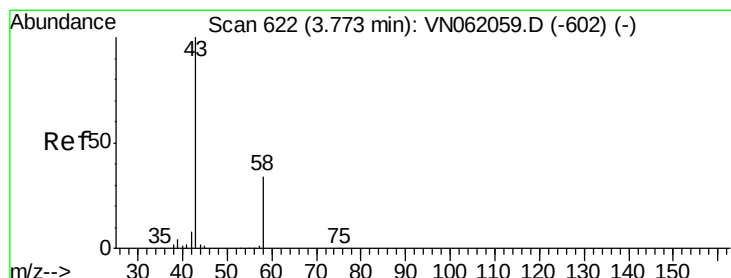
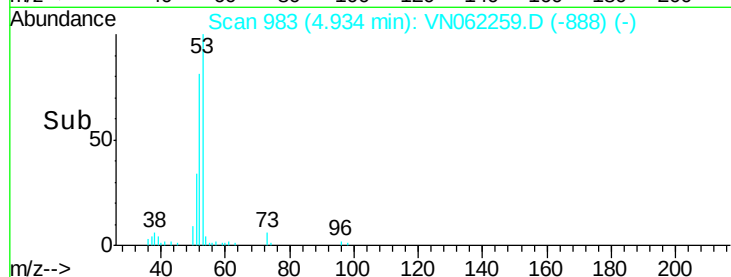
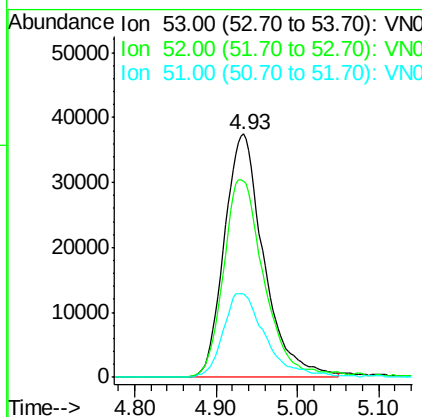
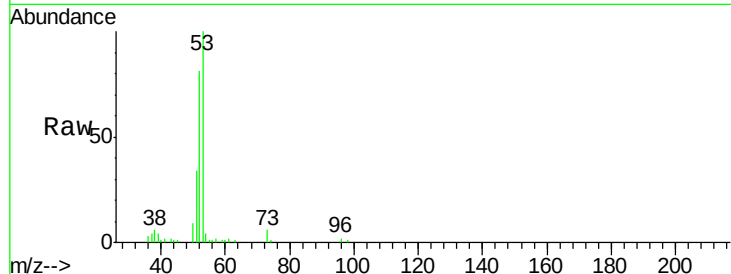
ClientSampleId :

VN0630WBS02

Tot Ion:	53	Resp:	126881
Ion Ratio	Lower	Upper	
53	100		
52	83.0	66.2	99.4
51	36.3	28.9	43.3

Manual Integrations
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#16

Acetone

Concen: 116.406 ug/l

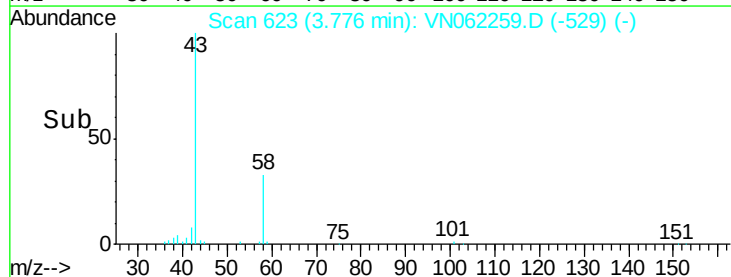
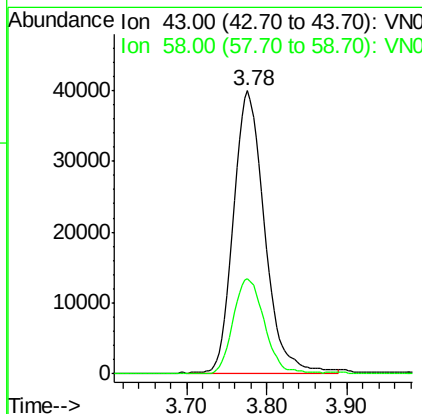
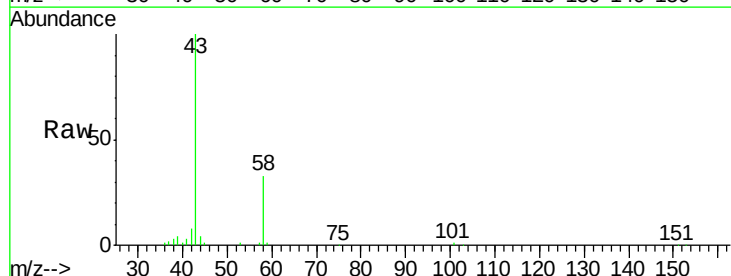
RT: 3.78 min Scan# 623

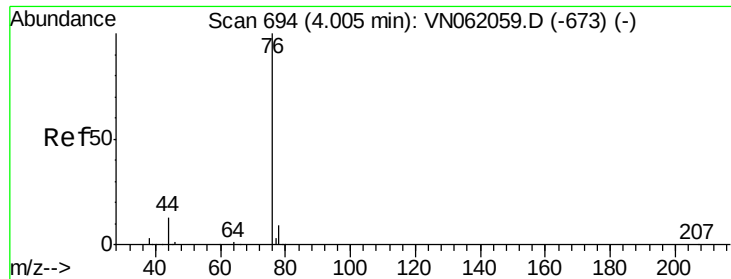
Delta R.T. 0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Tgt Ion:	43	Resp:	106073
Ion Ratio	Lower	Upper	
43	100		
58	33.5	27.5	41.3





#17

Carbon Disulfide

Concen: 18.498 ug/l

RT: 4.00 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Instrument :

MSVOA_N

ClientSampled :

VN0630WBS02

Tot Ion: 76 Resp: 123341

Ion Ratio Lower Upper

76 100

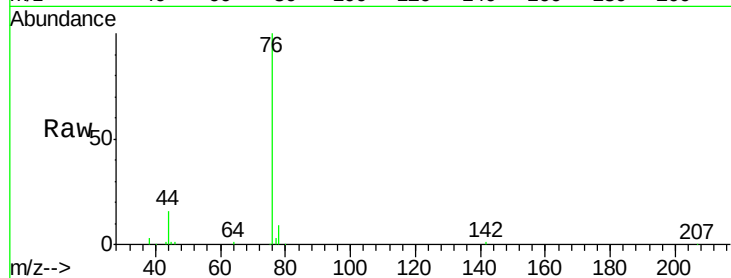
78 9.4 7.2 10.8

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VN062259.D (-600) (-)

Ion 77.90 (77.60 to 78.60): VN062259.D (-600) (-)

4.00

50000

40000

30000

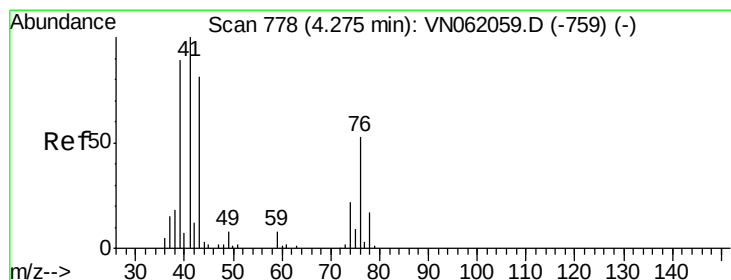
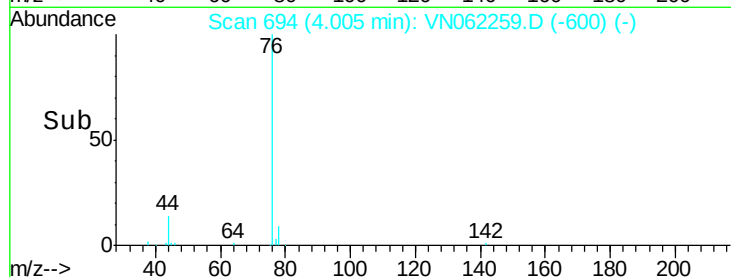
20000

10000

0

Time-->

3.90 4.00 4.10



#18

Methyl Acetate

Concen: 24.021 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062259.D

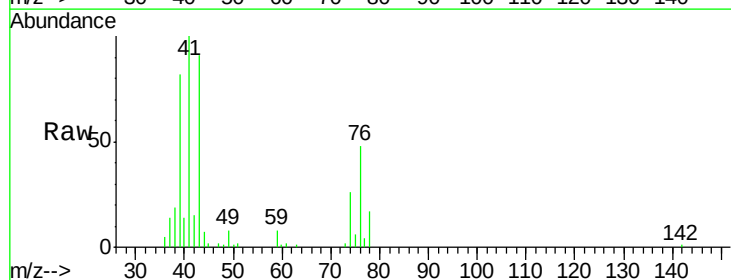
Acq: 1 Jul 2020 00:17

Tgt Ion: 43 Resp: 54423

Ion Ratio Lower Upper

43 100

74 27.4 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VN062259.D (-685) (-)

Ion 74.00 (73.70 to 74.70): VN062259.D (-685) (-)

4.28

20000

15000

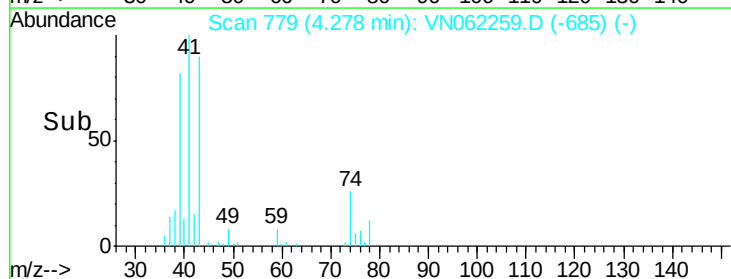
10000

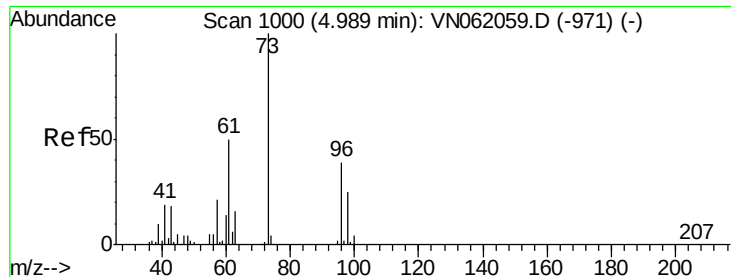
5000

0

Time-->

4.20 4.30 4.40





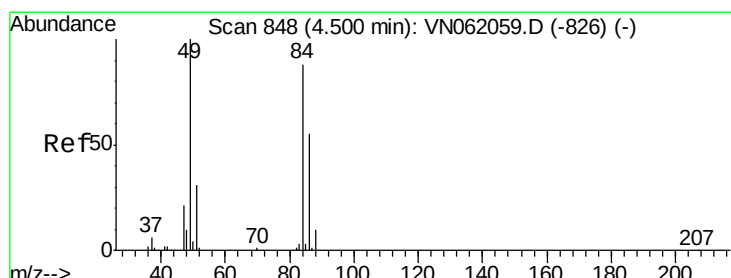
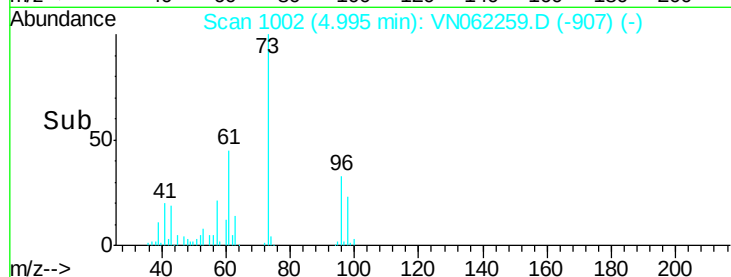
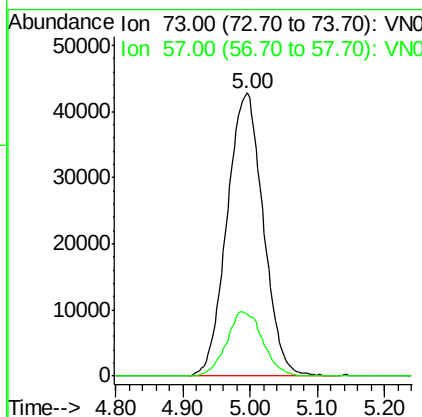
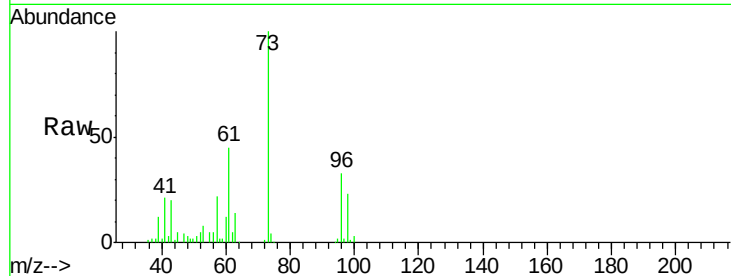
#19
Methvl tert-butvl Ether
Concen: 21.540 ug/l
RT: 5.00 min Scan# 1002
Delta R.T. 0.01 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBS02

Tot Ion	73	Resp	160508
Ion Ratio	100	Lower	Upper
57	21.7	16.6	24.8

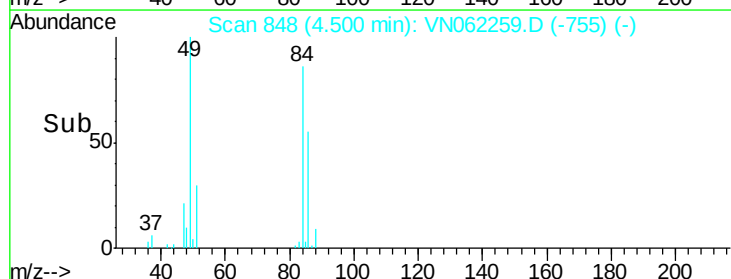
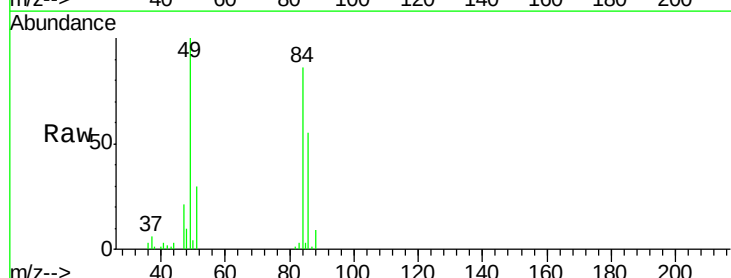
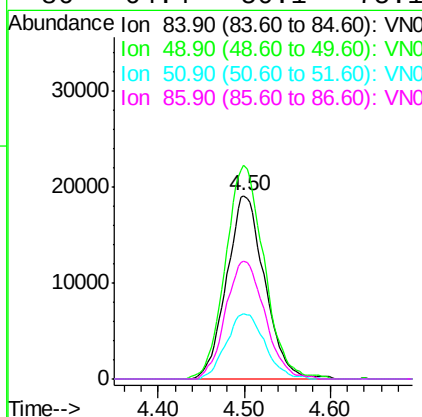
Manual Integrations
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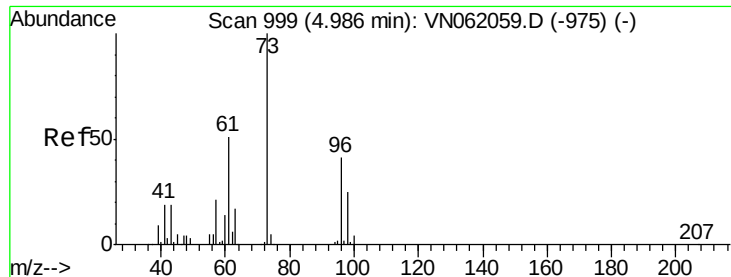
MMDadoda
7/1/2020 11:04:23 AM



#20
Methylene Chloride
Concen: 22.331 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Tgt Ion	84	Resp	58740
Ion Ratio	100	Lower	Upper
49	116.5	90.6	136.0
51	35.5	27.8	41.8
86	64.4	50.1	75.1





#21

trans-1,2-Dichloroethene

Concen: 18.758 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBS02

Tot Ion: 96 Resp: 49833

Ion Ratio Lower Upper

96 100

61 128.0 101.4 152.2

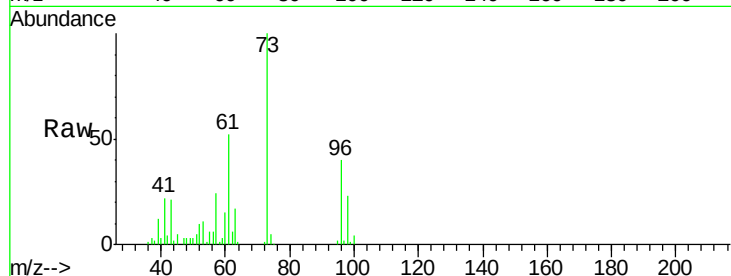
98 57.6 49.3 73.9

Manual Integrations

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MMDadoda

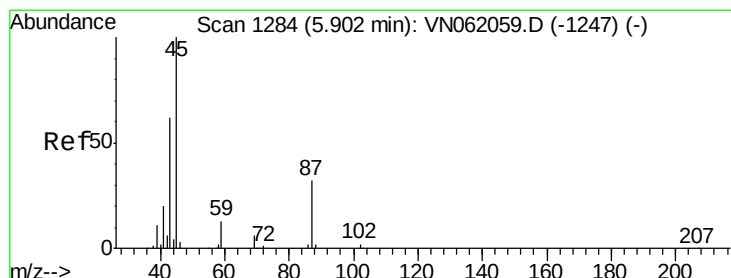
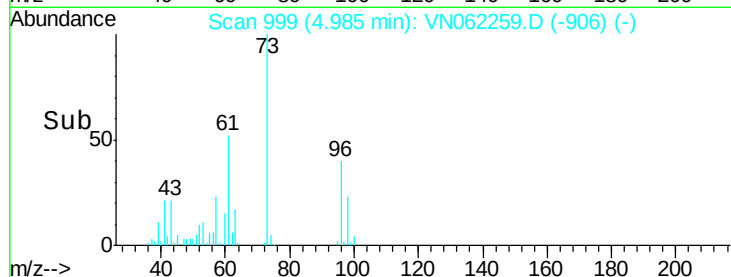
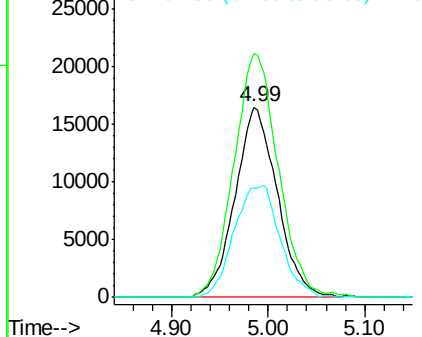
7/1/2020 11:04:23 AM



Abundance Ion 95.90 (95.60 to 96.60): VN062259.D (-906) (-)

Ion 60.90 (60.60 to 61.60): VN062259.D (-906) (-)

Ion 97.90 (97.60 to 98.60): VN062259.D (-906) (-)



#22

Diisopropyl ether

Concen: 21.968 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Tgt Ion: 45 Resp: 158810

Ion Ratio Lower Upper

45 100

43 68.2 49.7 74.5

87 30.8 25.9 38.9

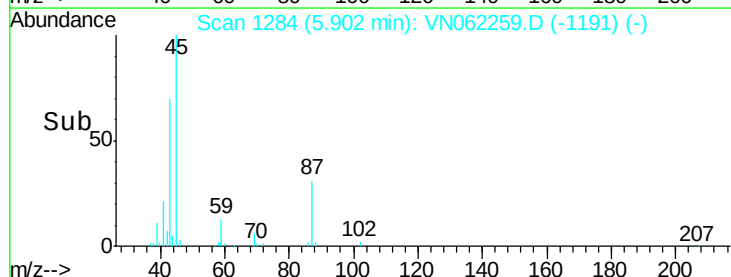
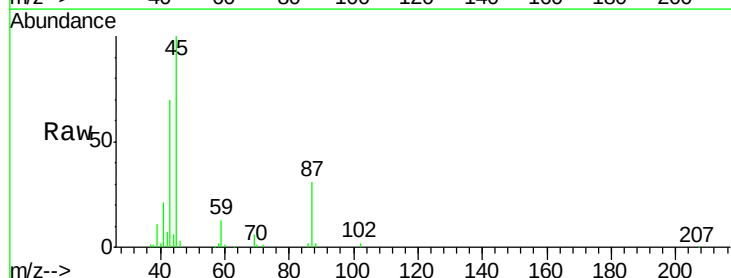
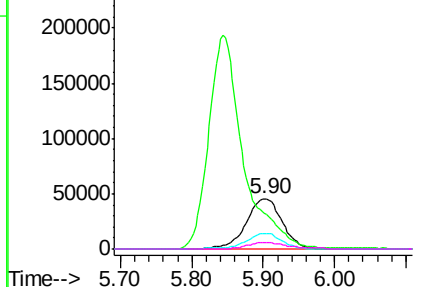
59 12.8 10.6 16.0

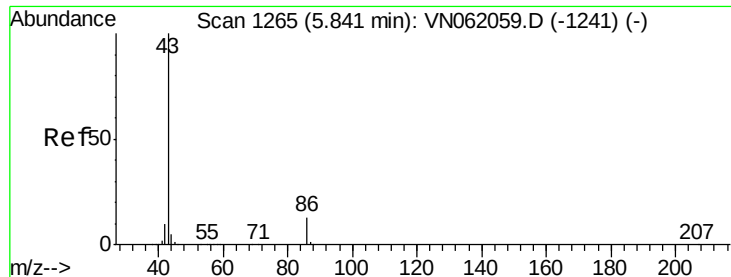
Abundance Ion 45.00 (44.70 to 45.70): VN062259.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN062259.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN062259.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN062259.D (-1191) (-)





#23

Vinyl Acetate

Concen: 110.179 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Instrument :

MSVOA_N

ClientSampled :

VN0630WBS02

Tot Ion: 43 Resp: 650294

Ion Ratio Lower Upper

43 100

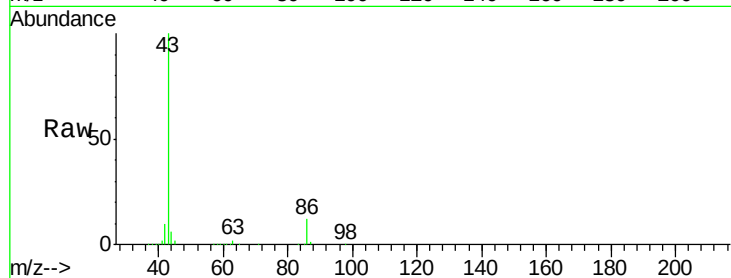
86 11.6 10.1 15.1

Manual Integrations

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MMDadoda

7/1/2020 11:04:23 AM



Abundance Ion 43.00 (42.70 to 43.70): VN062259.D (-1172) (-)

Ion 86.00 (85.70 to 86.70): VN062259.D (-1172) (-)

5.84

200000

150000

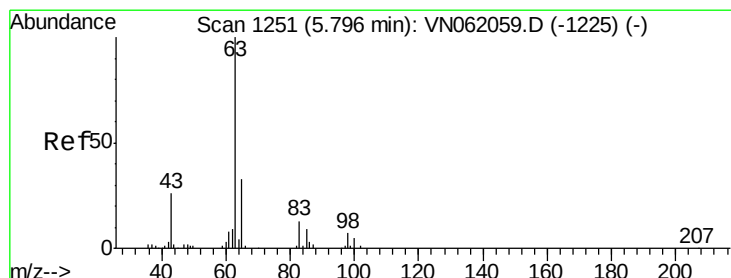
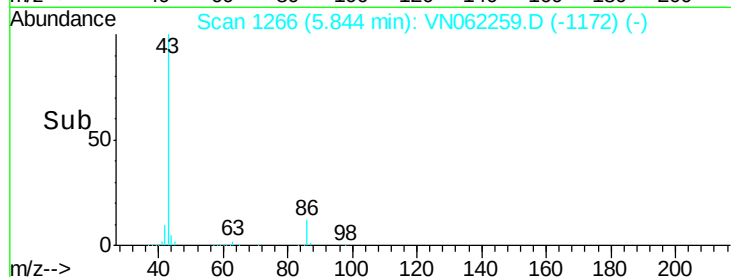
100000

50000

0

5.70 5.80 5.90 6.00 6.10

Time-->



#24

1,1-Dichloroethane

Concen: 20.957 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

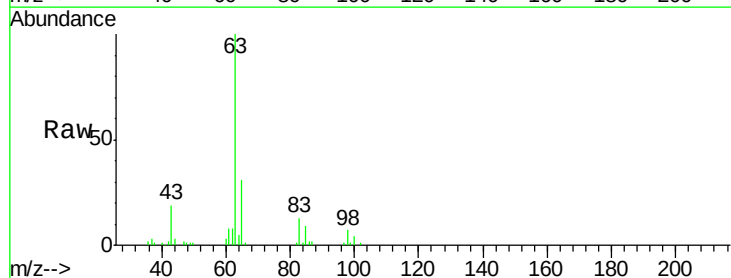
Tgt Ion: 63 Resp: 97559

Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.9

100 4.4 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VN062259.D (-1158) (-)

Ion 97.90 (97.60 to 98.60): VN062259.D (-1158) (-)

Ion 99.90 (99.60 to 100.60): VN062259.D (-1158) (-)

5.80

40000

30000

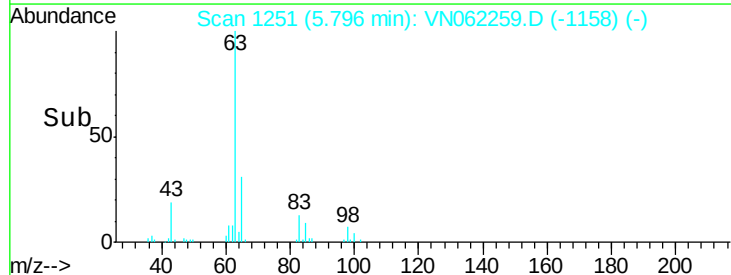
20000

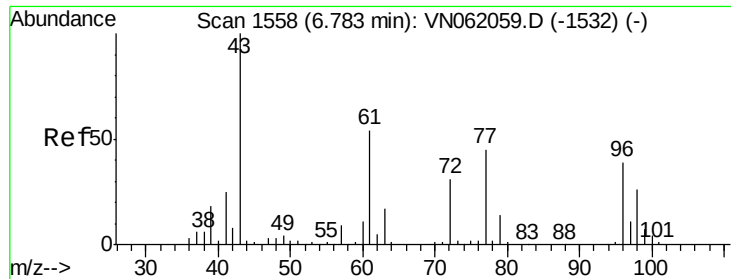
10000

0

5.70 5.80 5.90

Time-->





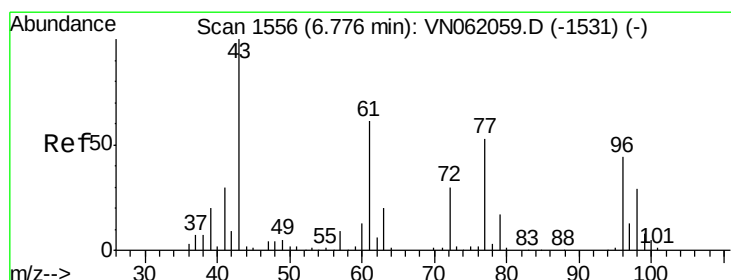
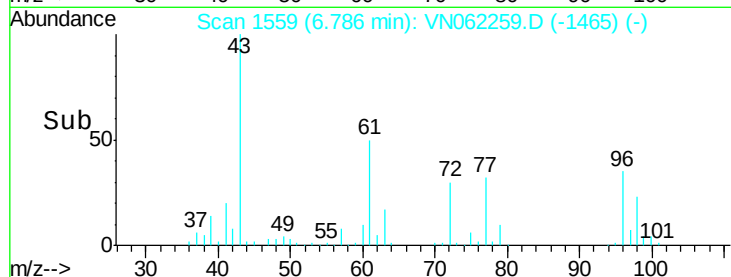
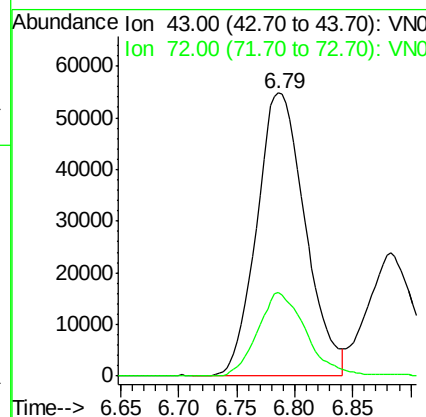
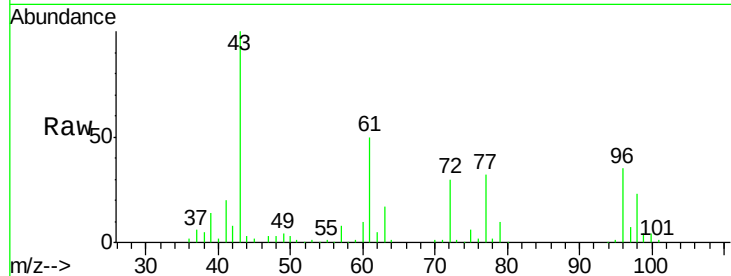
#25
2-Butanone
Concen: 114.450 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBS02

Tot Ion: 43 Resp: 159437
Ion Ratio Lower Upper
43 100
72 29.7 24.8 37.2

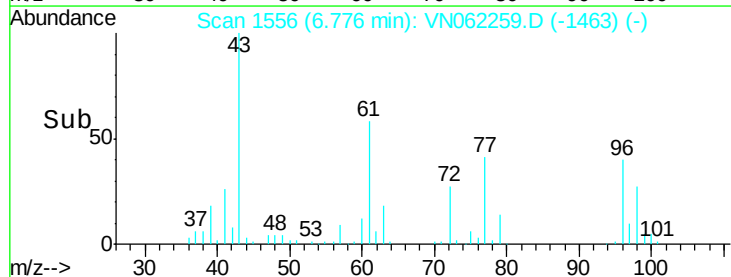
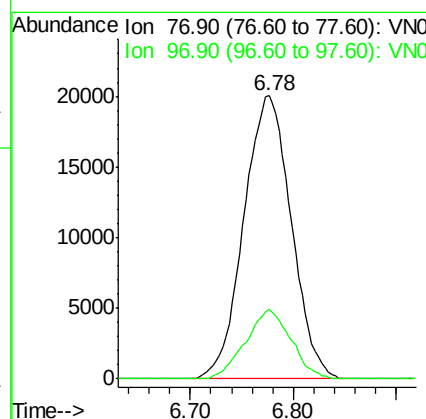
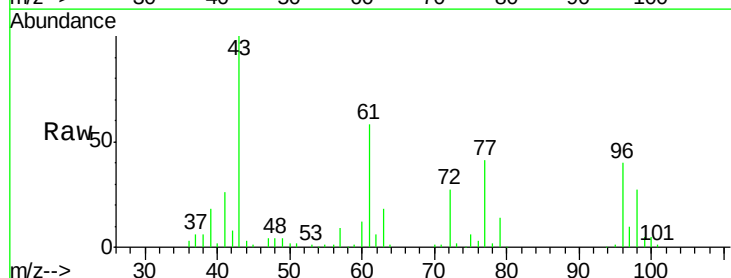
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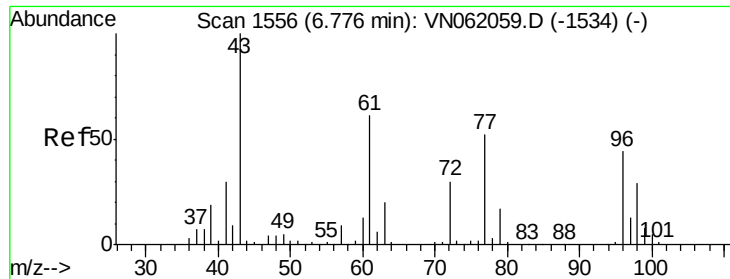
MMDadoda
7/1/2020 11:04:23 AM



#26
2,2-Dichloropropane
Concen: 16.480 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. -0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Tgt Ion: 77 Resp: 63930
Ion Ratio Lower Upper
77 100
97 23.3 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 19.709 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Instrument :

MSVOA_N

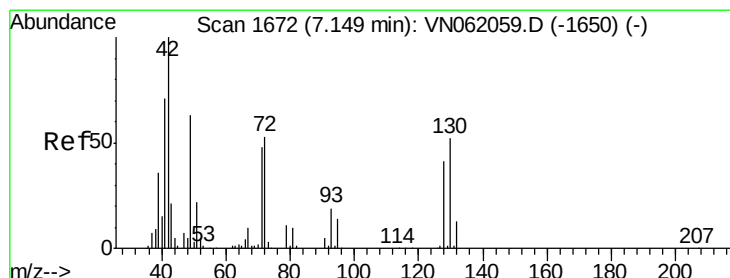
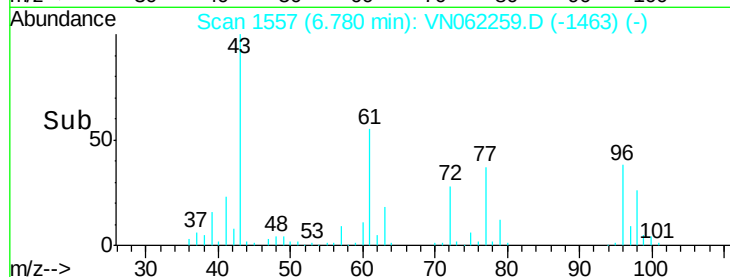
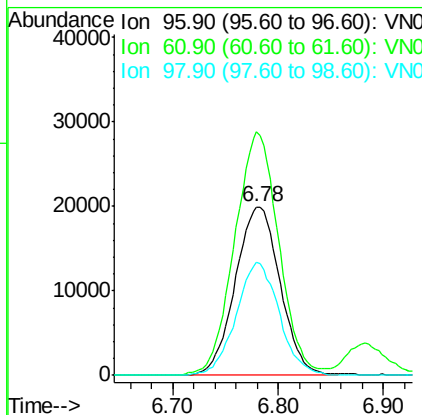
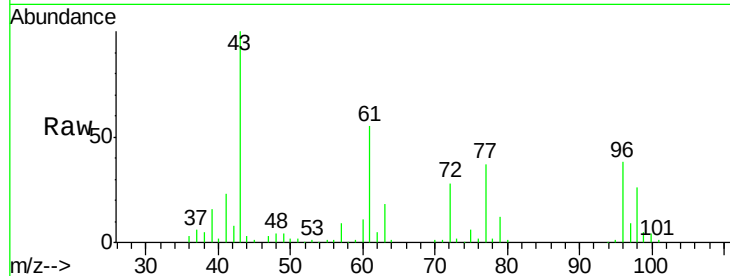
ClientSampled :

VN0630WBS02

Tot Ion:	96	Resp:	58917
Ion	Ratio	Lower	Upper
96	100		
61	142.4	0.0	280.4
98	64.3	0.0	129.4

Manual Integrations
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7/1/2020 11:04:23 AM



#28

Bromochloromethane

Concen: 23.788 ug/l

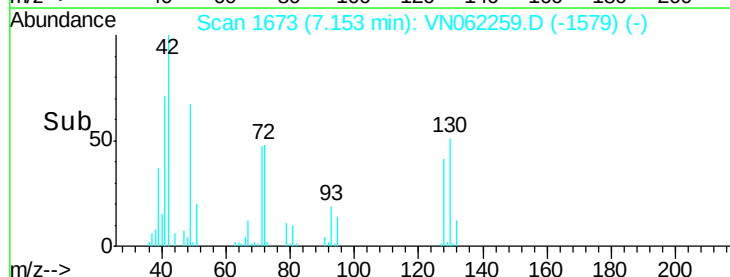
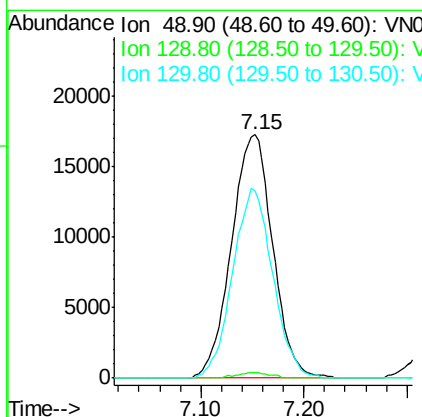
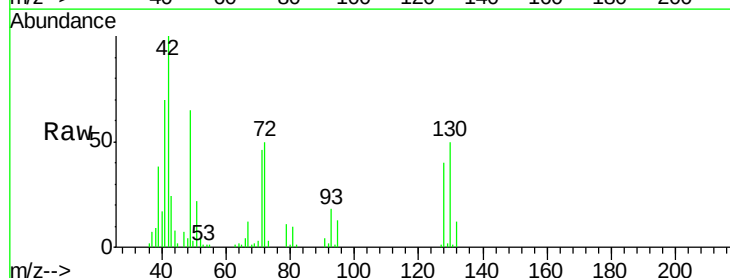
RT: 7.15 min Scan# 1673

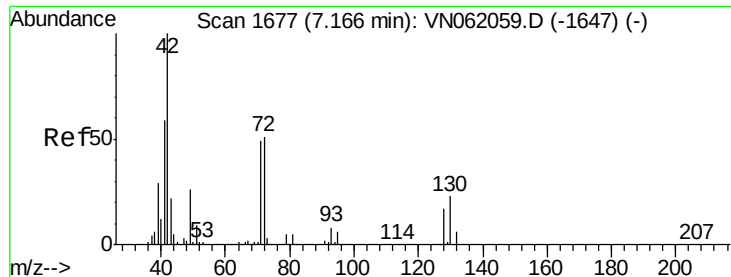
Delta R.T. 0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Tgt Ion:	49	Resp:	48046
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.4
130	75.5	65.5	98.3





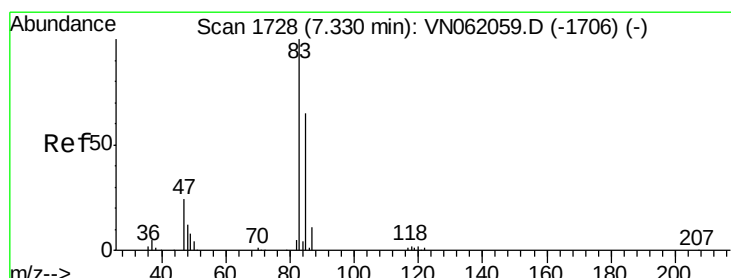
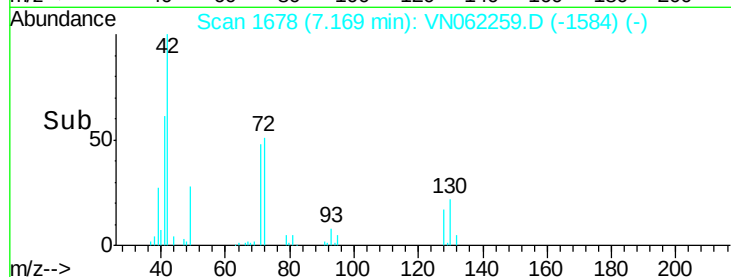
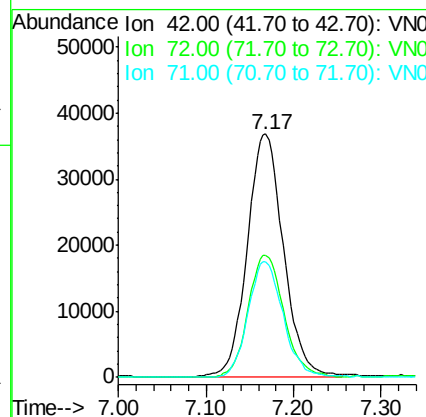
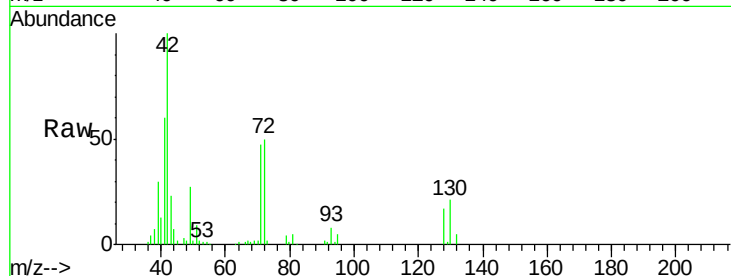
#29
Tetrahydrofuran
Concen: 116.256 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.5	41.1	61.7
71	45.9	38.2	57.4

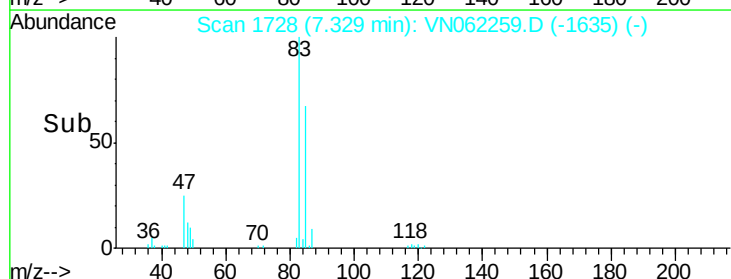
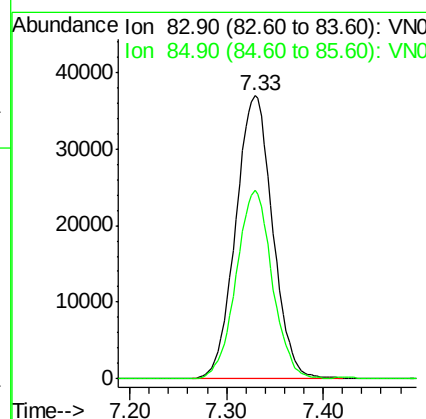
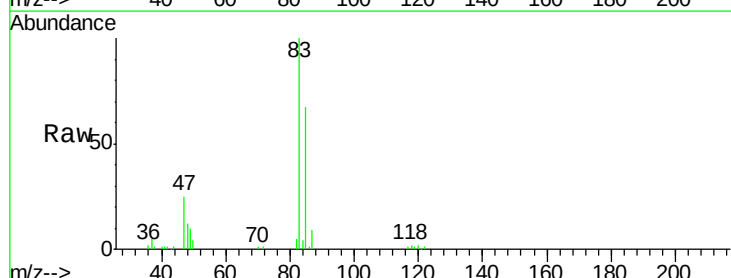
Manual Integrations
APPROVED

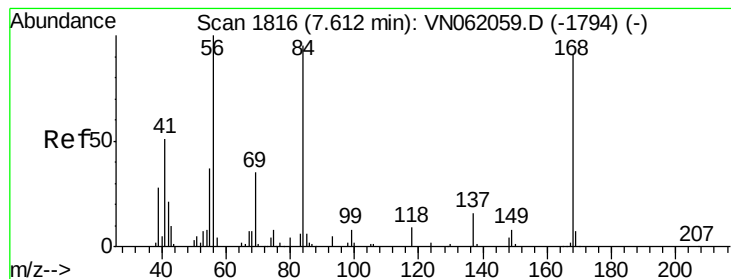
MMDadoda
7/1/2020 11:04:23 AM



#30
Chloroform
Concen: 20.668 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.8	52.3	78.5





#31

Cyclohexane

Concen: 18.285 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Instrument :

MSVOA_N

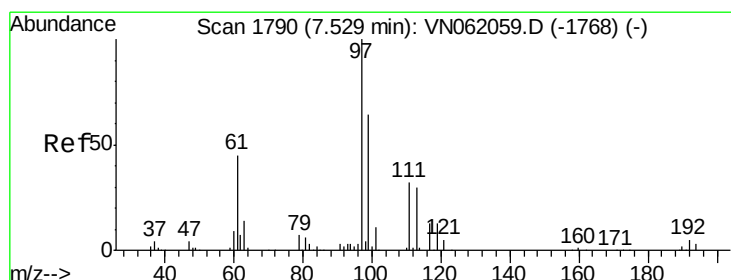
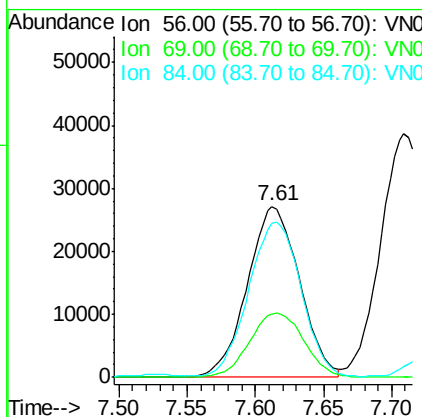
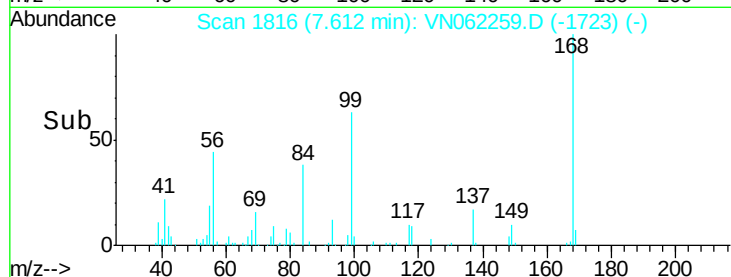
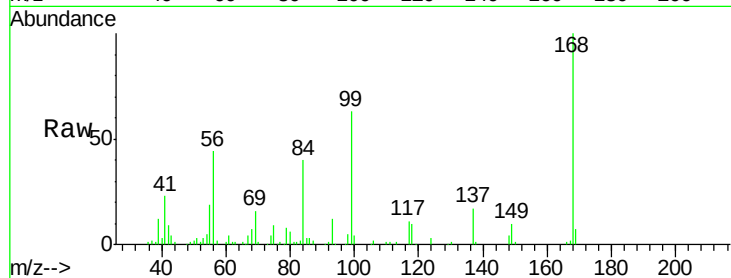
ClientSampleId :

VN0630WBS02

Tot Ion:	56	Resp:	72001
Ion	Ratio	Lower	Upper
56	100		
69	36.8	28.0	42.0
84	89.0	76.1	114.1

Manual Integrations
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MMDadoda
7/1/2020 11:04:23 AM



#32

1,1,1-Trichloroethane

Concen: 19.233 ug/l

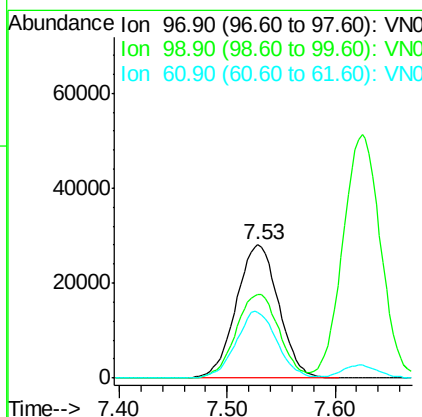
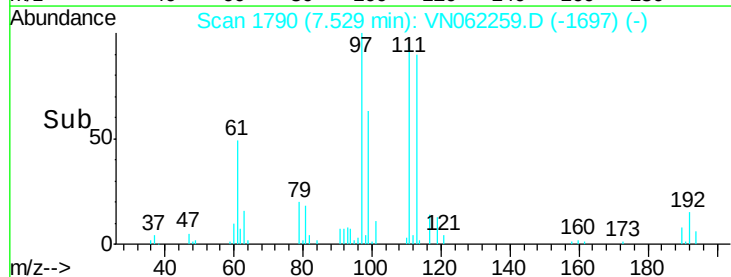
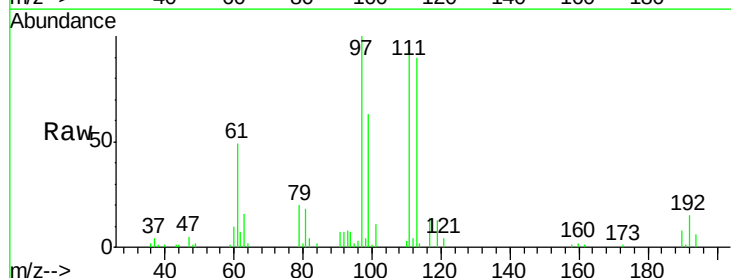
RT: 7.53 min Scan# 1790

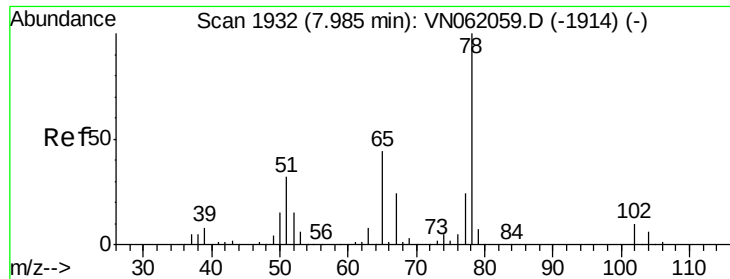
Delta R.T. -0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Tgt Ion:	97	Resp:	76820
Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.0	76.4
61	48.2	36.2	54.2





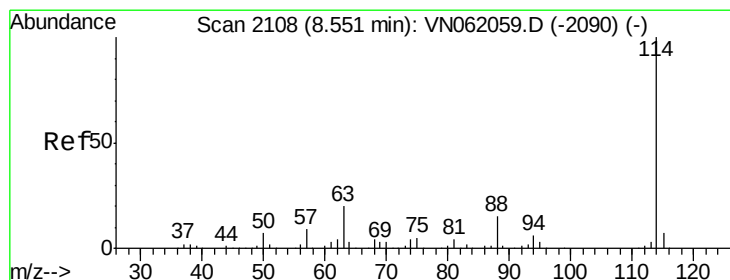
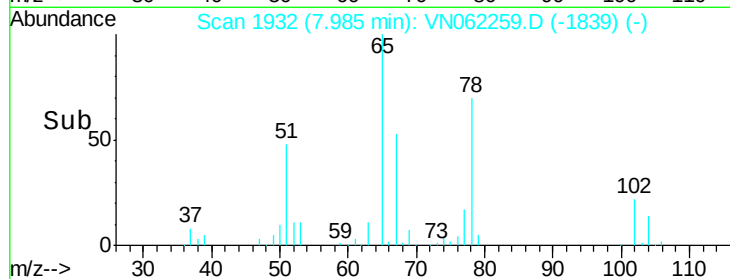
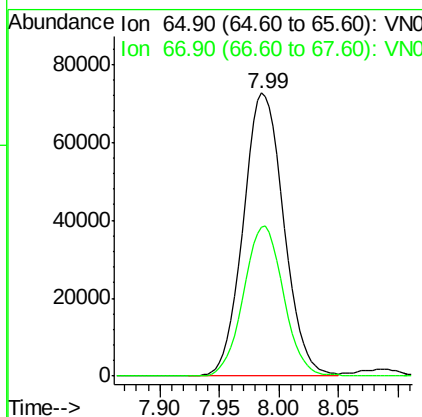
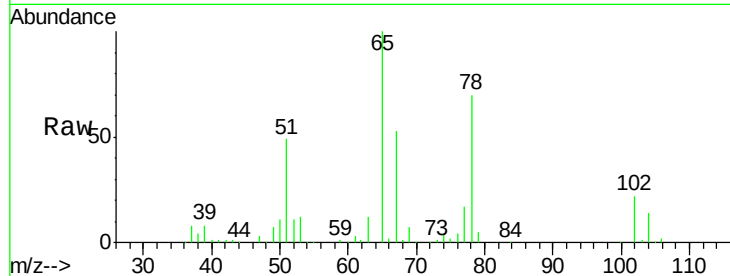
#33
 1,2-Dichloroethane-d4
 Concen: 60.231 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062259.D
 Acq: 1 Jul 2020 00:17

Instrument :
 MSVOA_N
 ClientSampled :
 VN0630WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	171661		
67	52.2	0.0	106.2	

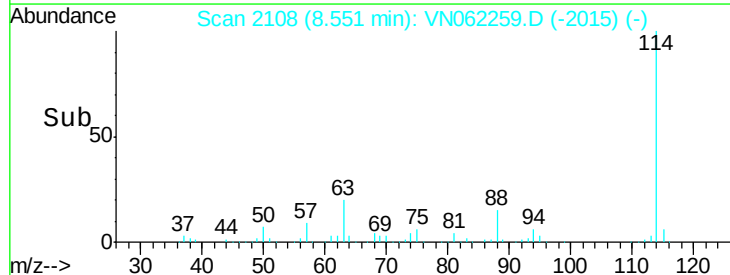
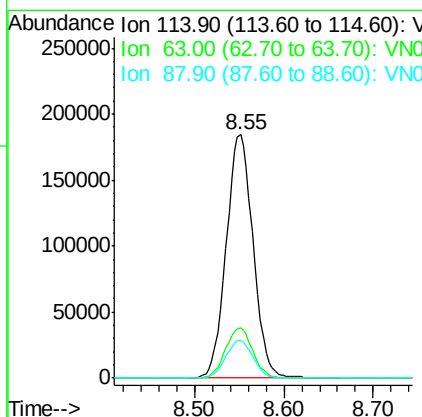
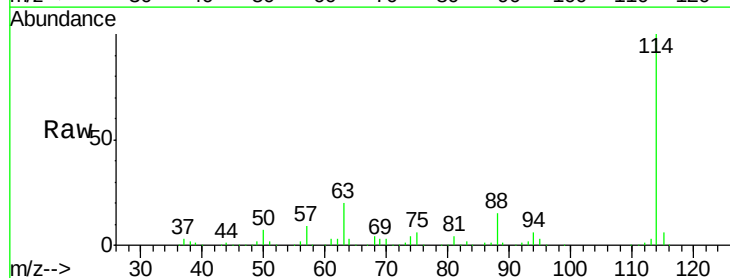
Manual Integrations
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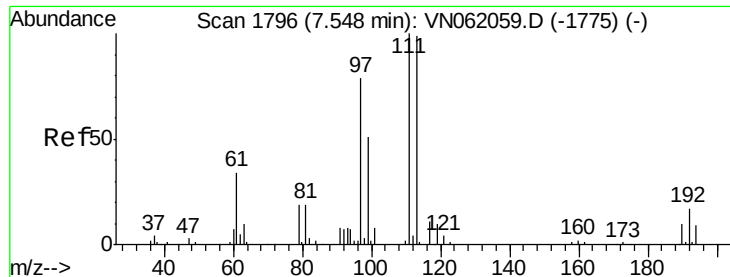
MMDadoda
 7/1/2020 11:04:23 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062259.D
 Acq: 1 Jul 2020 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	384595		
63	20.4	0.0	39.2	
88	15.3	0.0	30.8	





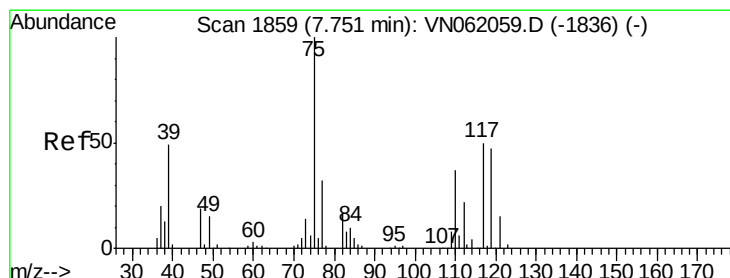
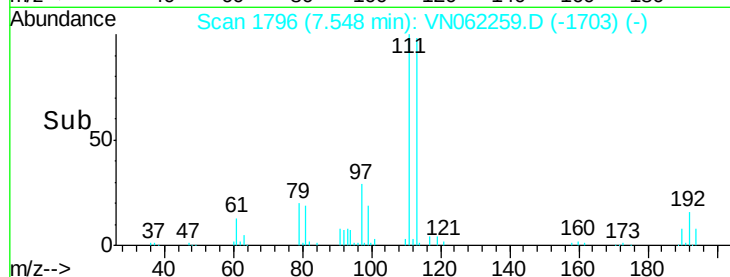
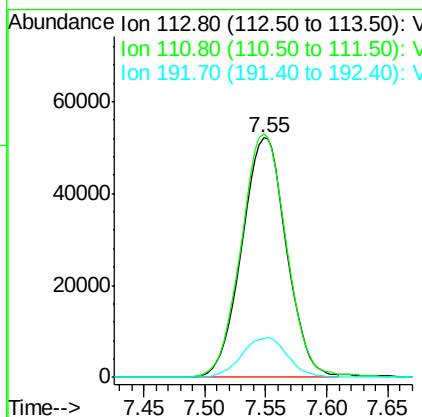
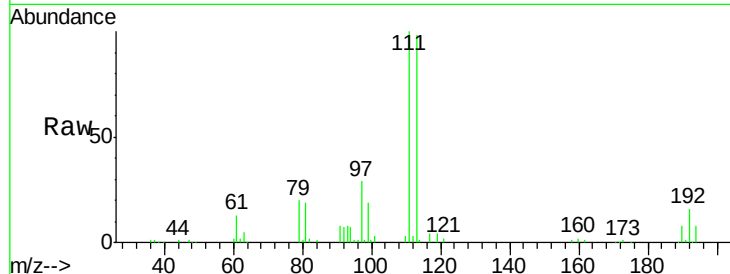
#35
Dibromofluoromethane
Concen: 53.451 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Instrument :
MSVOA_N
ClientSampled :
VN0630WBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.9	82.2	123.4	
192	17.1	14.0	21.0	

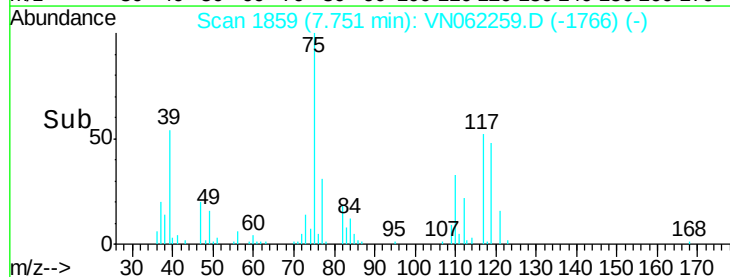
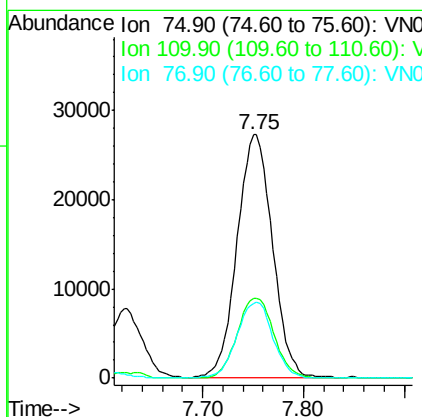
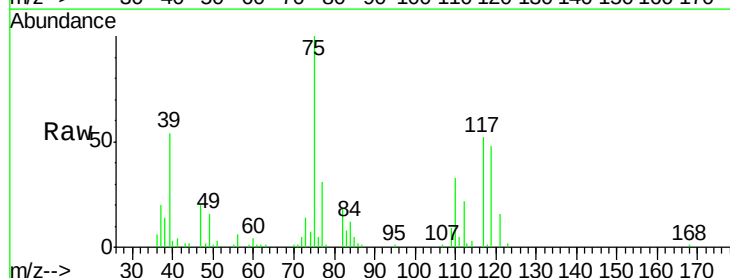
Manual Integrations
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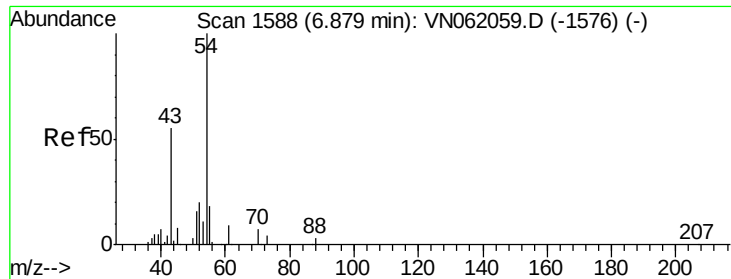
MMDadoda
7/1/2020 11:04:23 AM



#36
1,1-Dichloropropene
Concen: 17.222 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	34.0	17.9	53.8	
77	31.7	24.9	37.3	





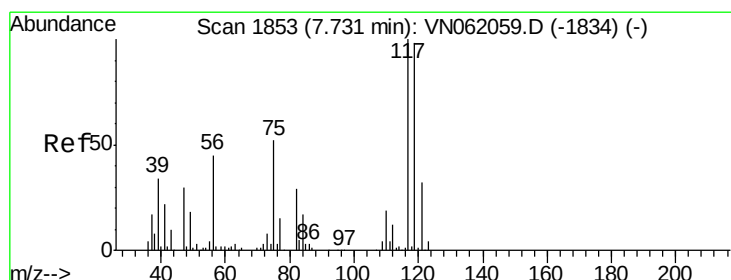
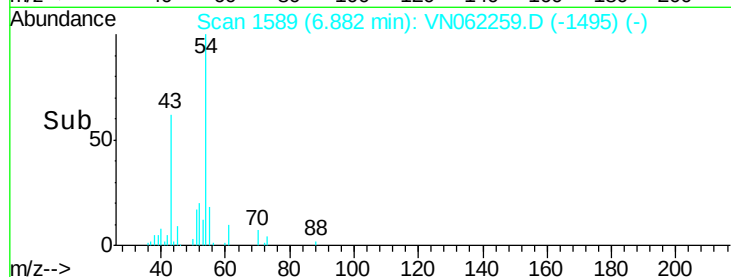
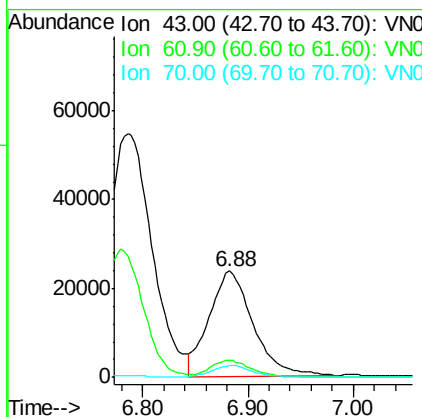
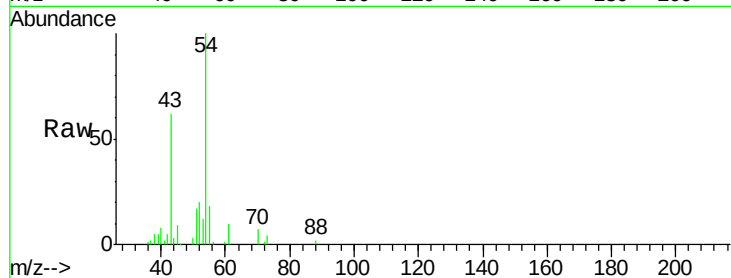
#37
Ethyl Acetate
Concen: 21.354 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Instrument :
MSVOA_N
ClientSampled :
VN0630WBS02

Tot Ion	43	Ratio	Lower	Upper
43	100			
61	13.6	12.0	18.0	
70	10.6	9.6	14.4	

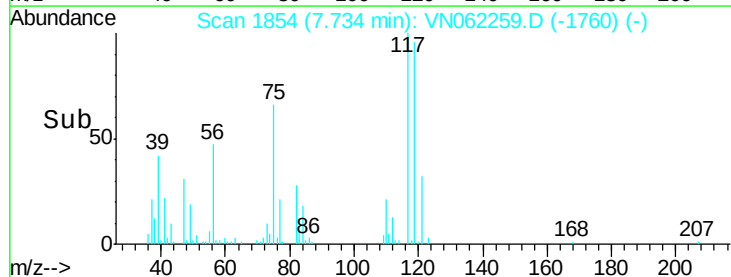
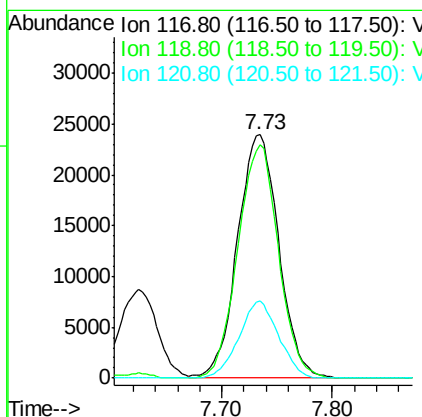
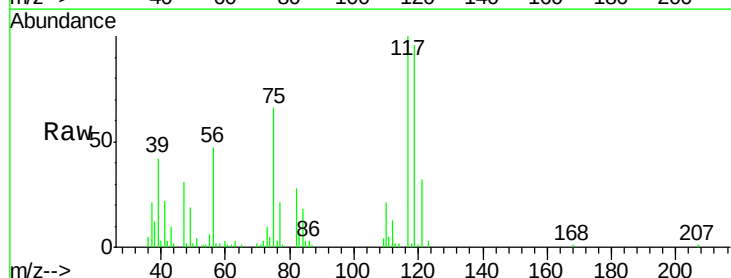
Manual Integrations
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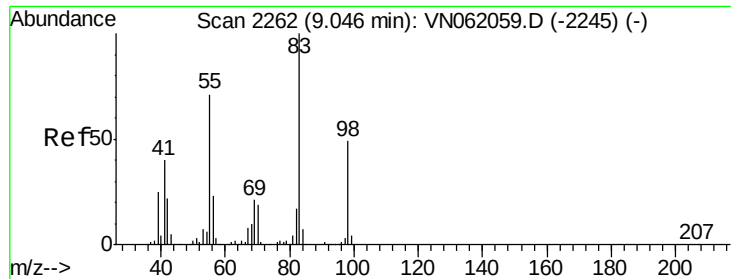
MMDadoda
7/1/2020 11:04:23 AM



#38
Carbon Tetrachloride
Concen: 17.041 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Tgt Ion	117	Ratio	Lower	Upper
117	100			
119	95.7	78.2	117.2	
121	31.7	25.8	38.6	





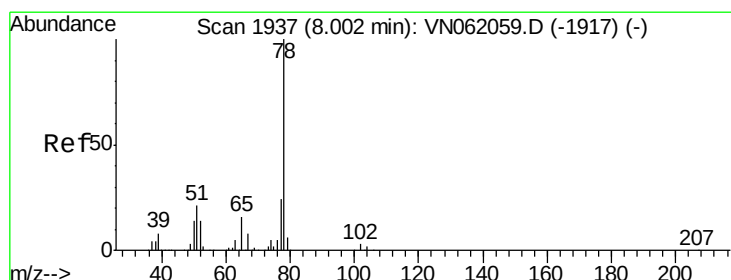
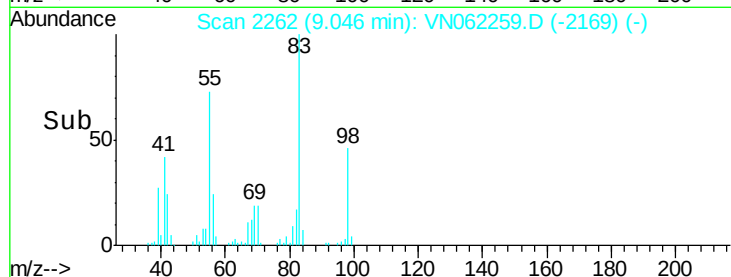
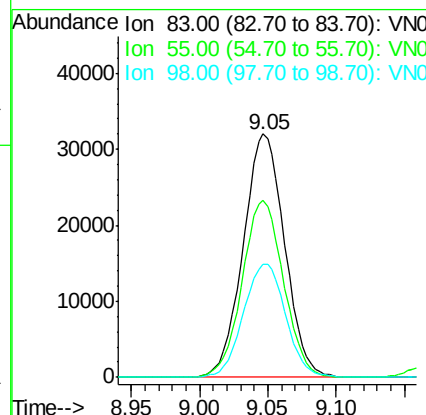
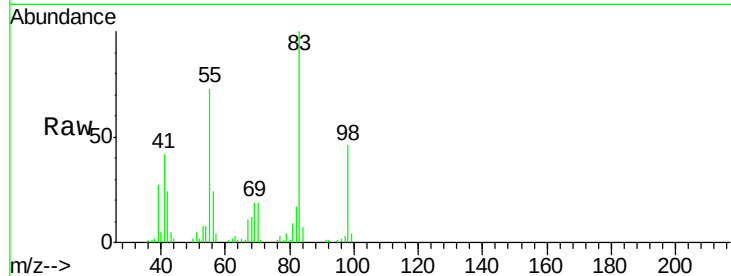
#39
Methylvlcyclohexane
Concen: 15.907 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBS02

Tot Ion	83	Resp	67378
Ion Ratio	Lower	Upper	
83	100		
55	72.6	57.0	85.6
98	46.4	39.0	58.6

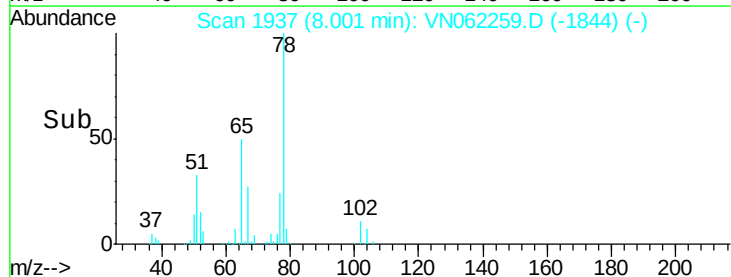
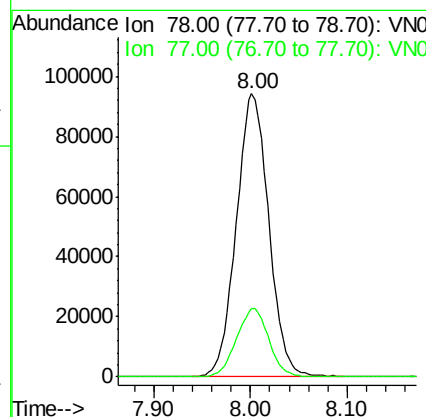
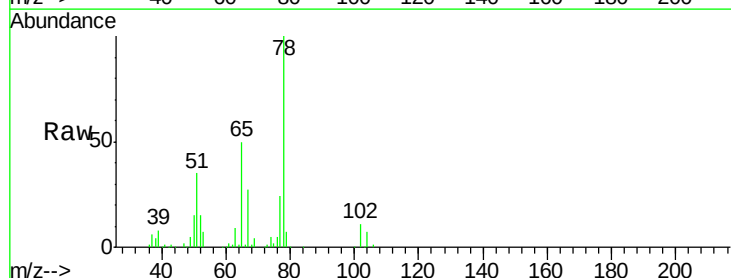
Manual Integrations
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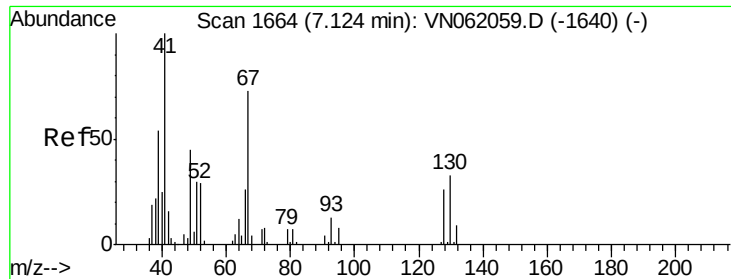
MMDadoda
7/1/2020 11:04:23 AM



#40
Benzene
Concen: 18.683 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Tgt Ion	78	Resp	220134
Ion Ratio	Lower	Upper	
78	100		
77	23.9	19.5	29.3





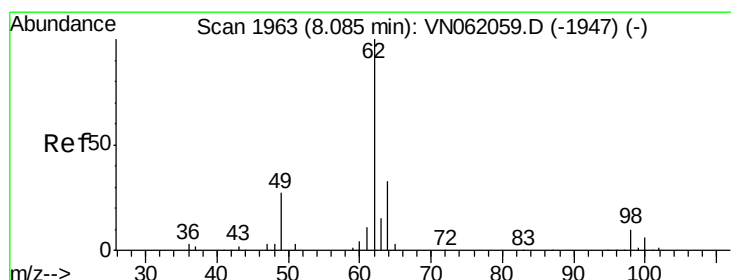
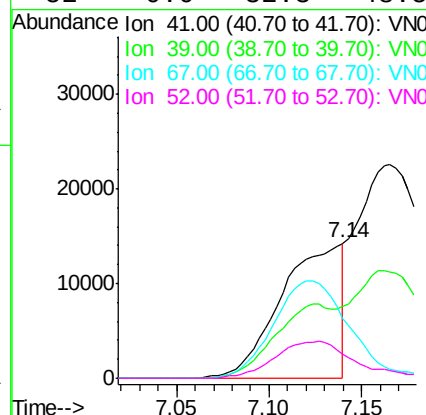
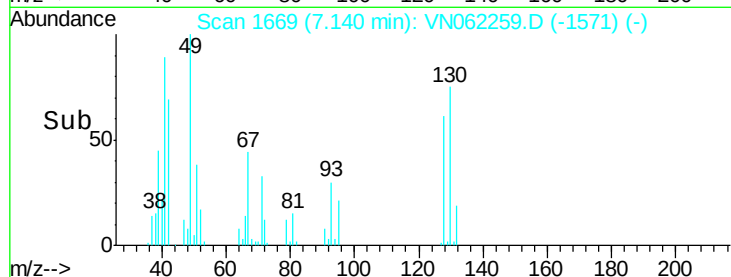
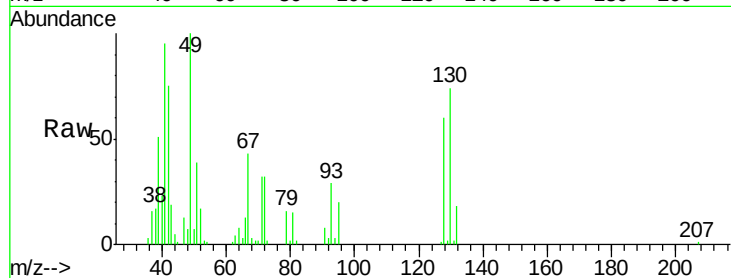
#41
Methacrylonitrile
Concen: 22.048 ug/l m
RT: 7.14 min Scan# 1669
Delta R.T. 0.02 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Instrument :
MSVOA_N
ClientSampled :
VN0630WBS02

Tot Ion	Ratio	Lower	Upper
41	100		
39	83.7	44.2	66.2#
67	0.0	79.5	119.3#
52	0.0	32.3	48.5#

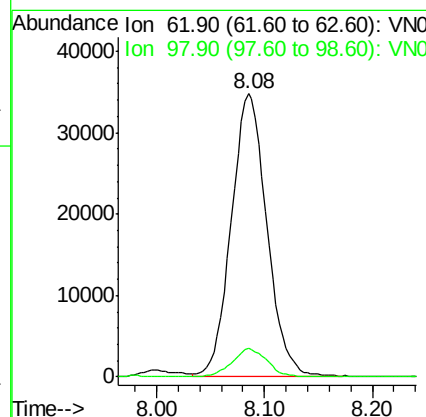
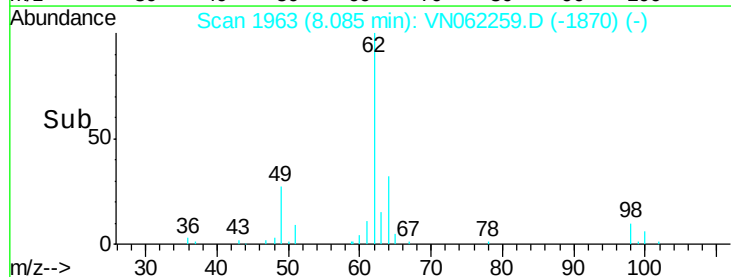
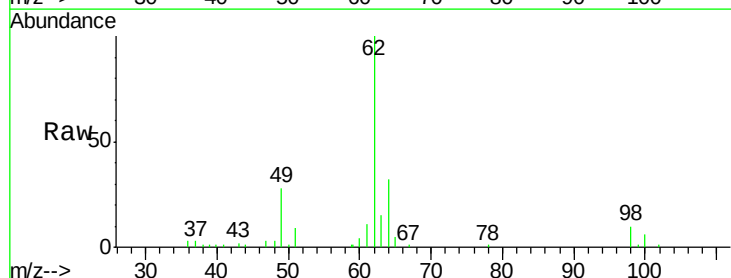
Manual Integrations
APPROVED

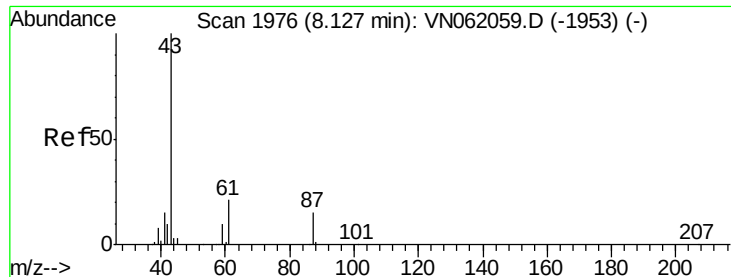
MMDadoda
7/1/2020 11:04:23 AM



#42
1,2-Dichloroethane
Concen: 20.145 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.8





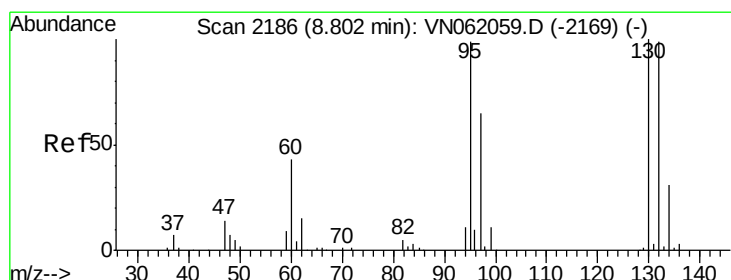
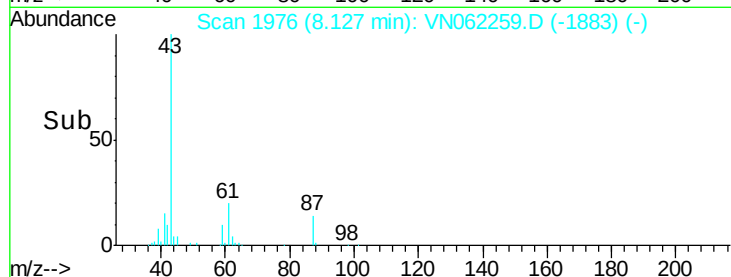
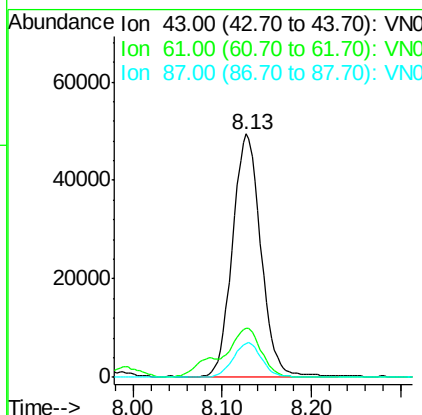
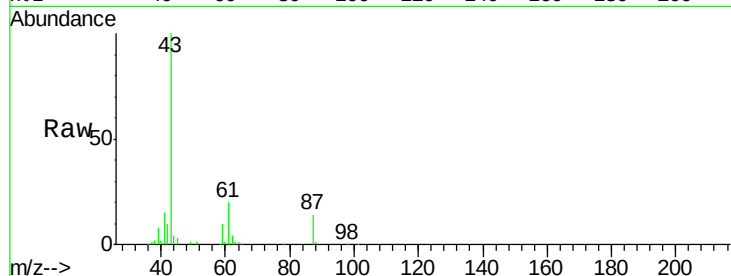
#43
Isopropyl Acetate
Concen: 21.038 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.2	17.2	25.8
87	14.2	12.1	18.1

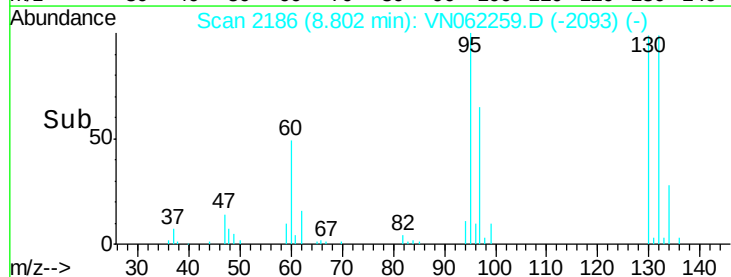
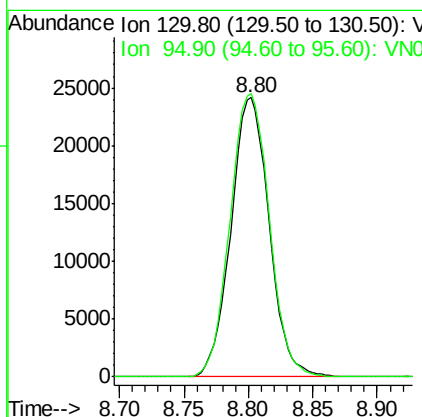
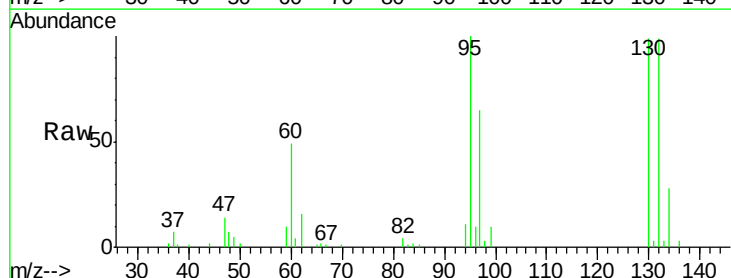
Manual Integrations
APPROVED

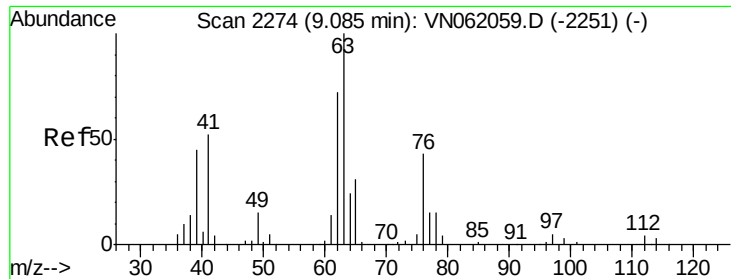
MMDadoda
7/1/2020 11:04:23 AM



#44
Trichloroethene
Concen: 16.740 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.4	0.0	197.8





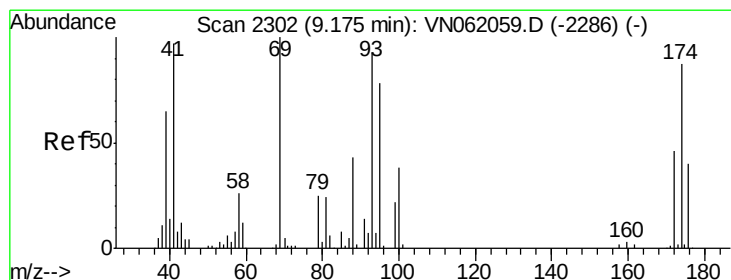
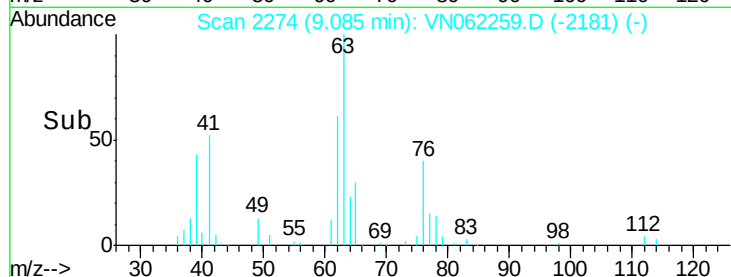
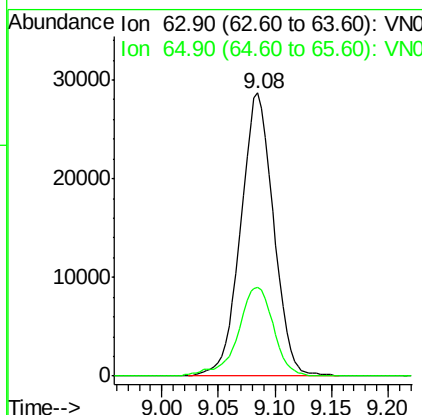
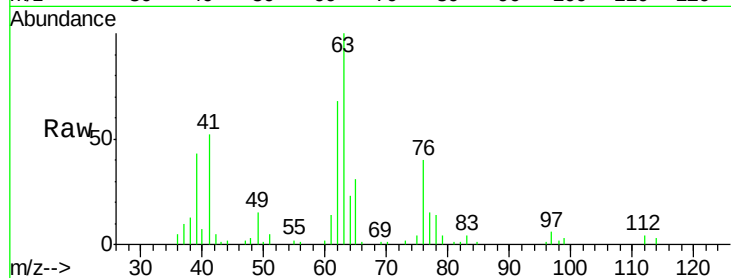
#45
 1,2-Dichloropropane
 Concen: 19.994 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062259.D
 Acq: 1 Jul 2020 00:17

Instrument :
 MSVOA_N
 ClientSampled :
 VN0630WBS02

Tot Ion: 63 Resp: 58119
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.0 37.4

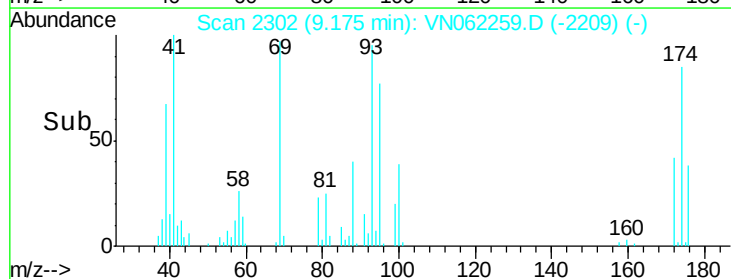
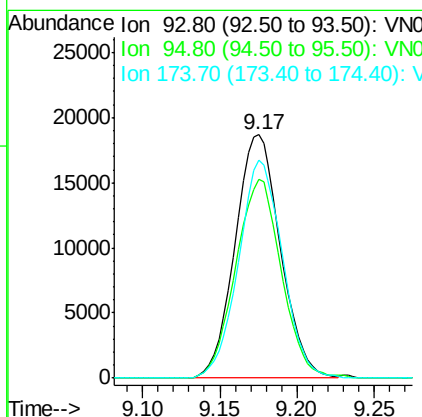
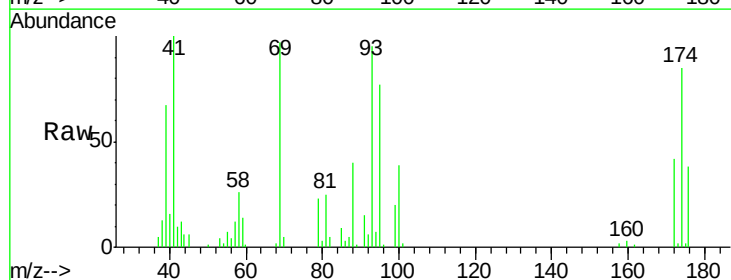
Manual Integrations
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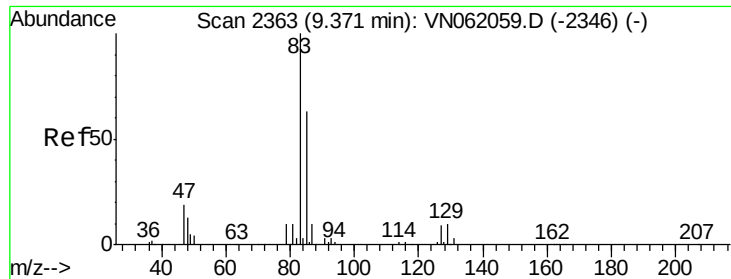
MMDadoda
 7/1/2020 11:04:23 AM



#46
 Dibromomethane
 Concen: 19.337 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062259.D
 Acq: 1 Jul 2020 00:17

Tgt Ion: 93 Resp: 38110
 Ion Ratio Lower Upper
 93 100
 95 82.5 67.0 100.6
 174 86.7 74.4 111.6





#47

Bromodichloromethane

Concen: 19.477 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Instrument :

MSVOA_N

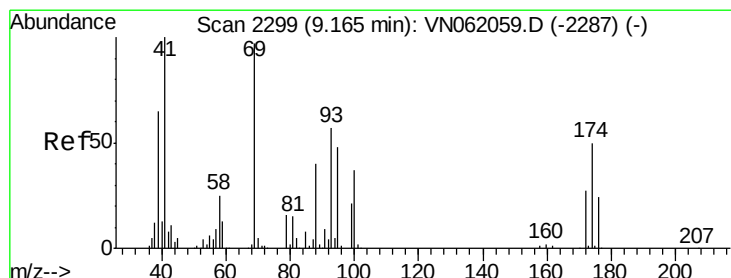
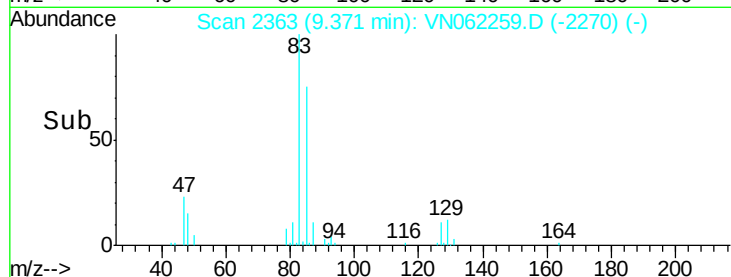
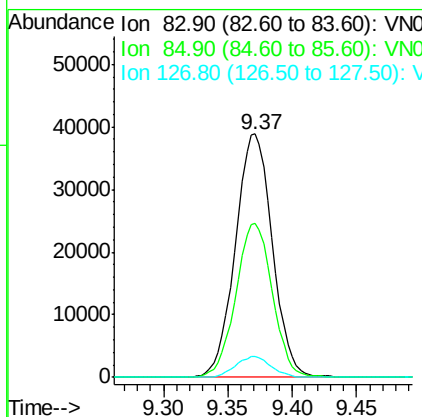
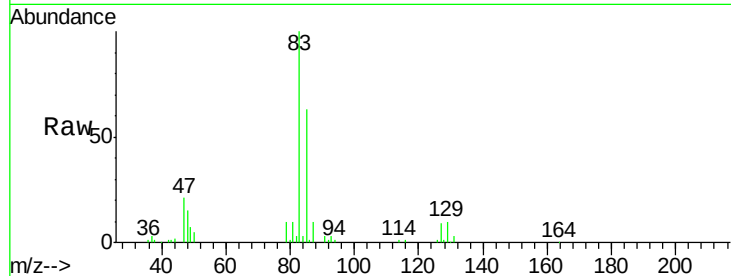
ClientSampled :

VN0630WBS02

Tot Ion:	83	Resp:	77506
Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.3	75.5
127	8.8	6.9	10.3

Manual Integrations
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MMDadoda
7/1/2020 11:04:23 AM



#48

Methyl methacrylate

Concen: 20.910 ug/l

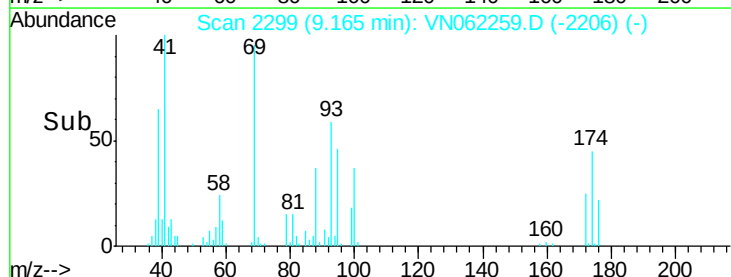
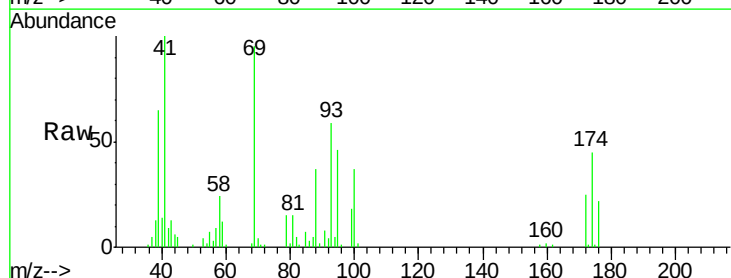
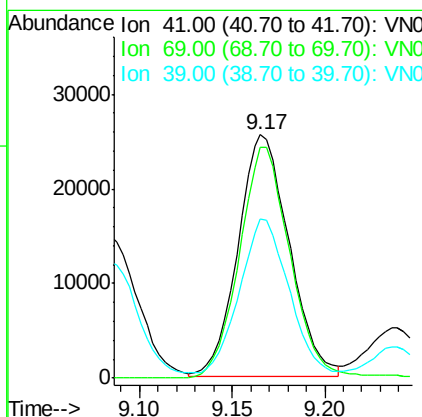
RT: 9.17 min Scan# 2299

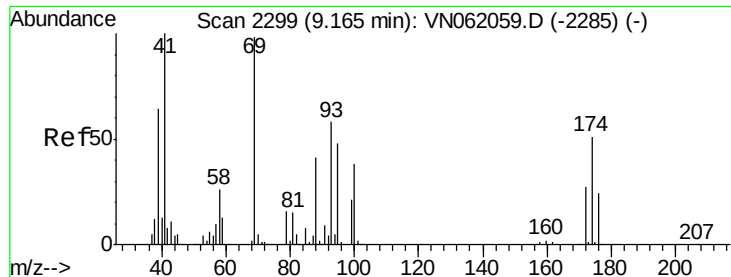
Delta R.T. -0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Tgt Ion:	41	Resp:	48924
Ion	Ratio	Lower	Upper
41	100		
69	94.6	80.7	121.1
39	64.7	54.5	81.7





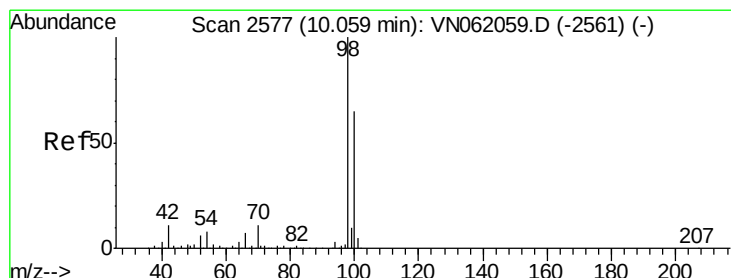
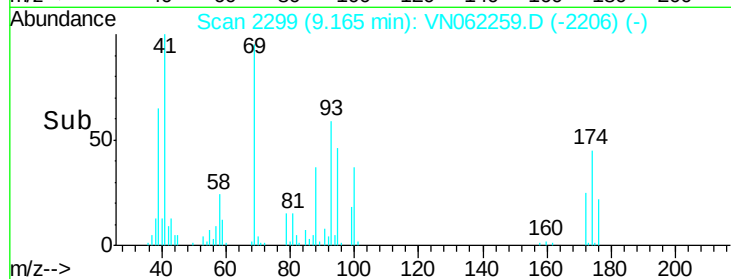
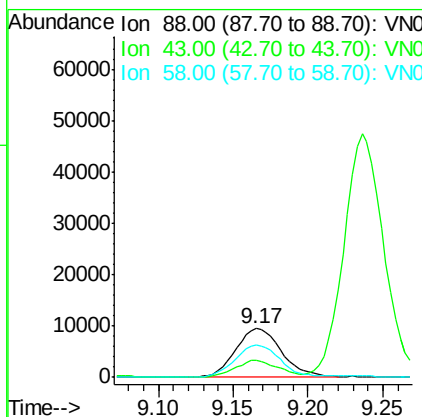
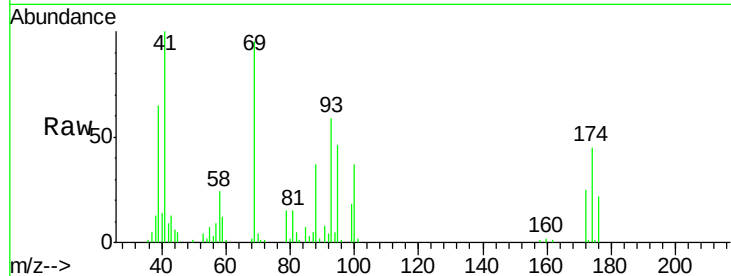
#49
1,4-Dioxane
Concen: 395.906 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBS02

Tot Ion: 88 Resp: 20542
Ion Ratio Lower Upper
88 100
43 33.1 22.0 33.0#
58 65.1 49.2 73.8

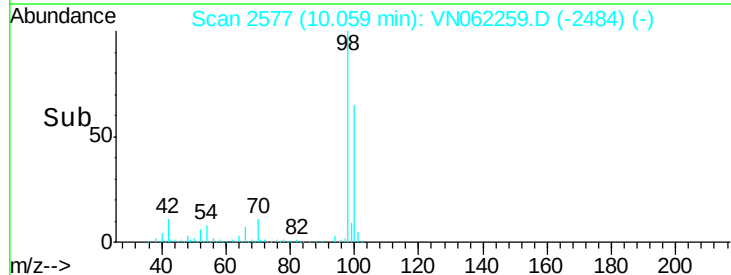
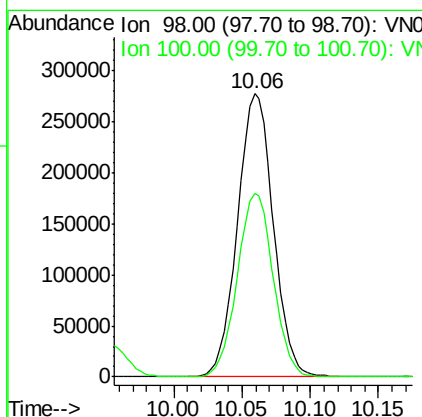
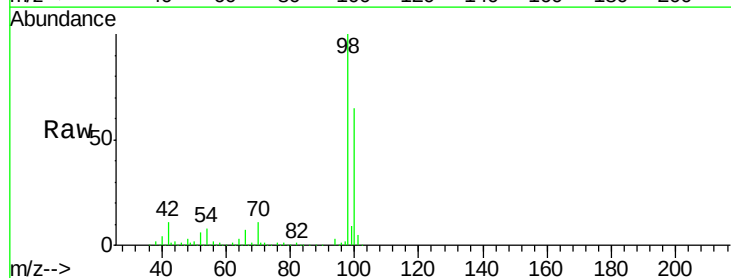
Manual Integrations
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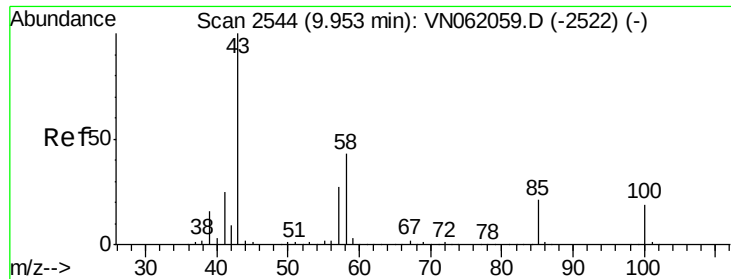
MMDadoda
7/1/2020 11:04:23 AM



#50
Toluene-d8
Concen: 51.221 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Tgt Ion: 98 Resp: 505187
Ion Ratio Lower Upper
98 100
100 65.1 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 110.276 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Instrument :

MSVOA_N

ClientSampled :

VN0630WBS02

Tot Ion: 43 Resp: 336209

Ion Ratio Lower Upper

43 100

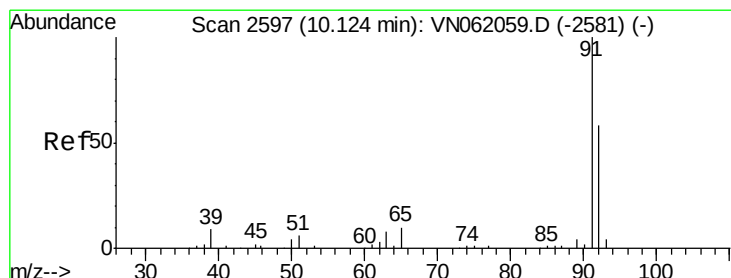
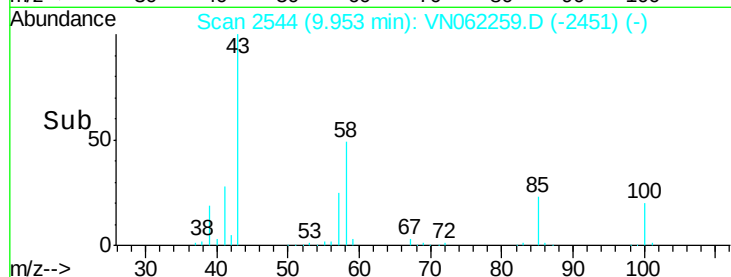
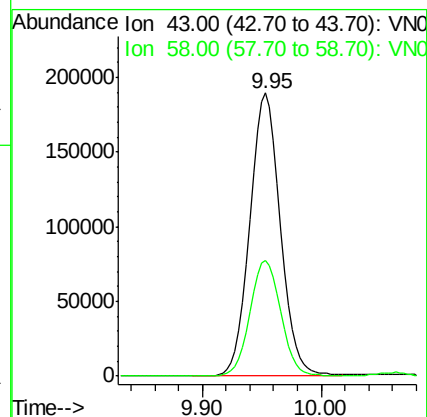
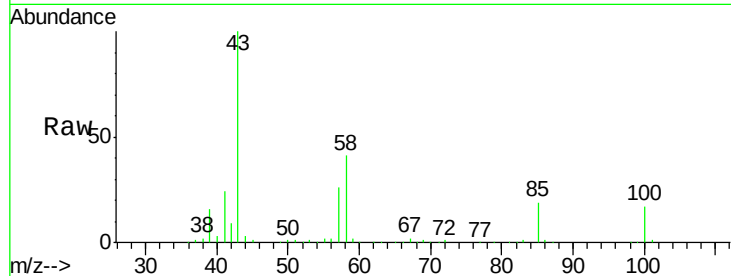
58 41.2 34.2 51.2

Manual Integrations

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MMDadoda

7/1/2020 11:04:23 AM



#52

Toluene

Concen: 18.475 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062259.D

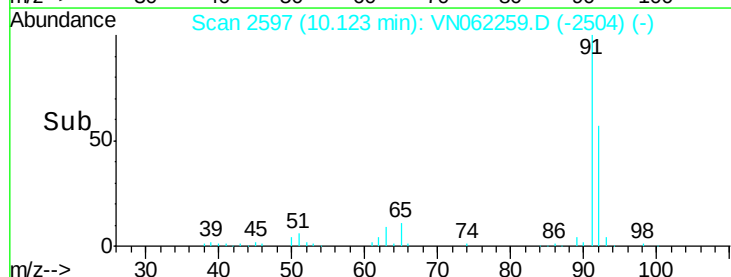
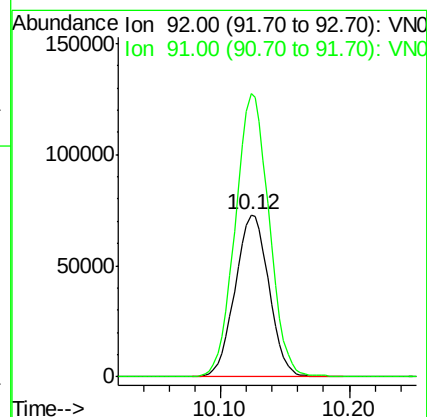
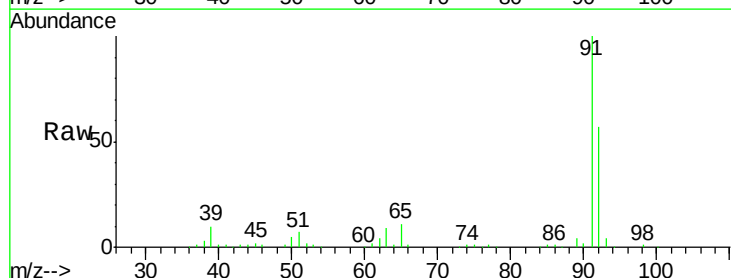
Acq: 1 Jul 2020 00:17

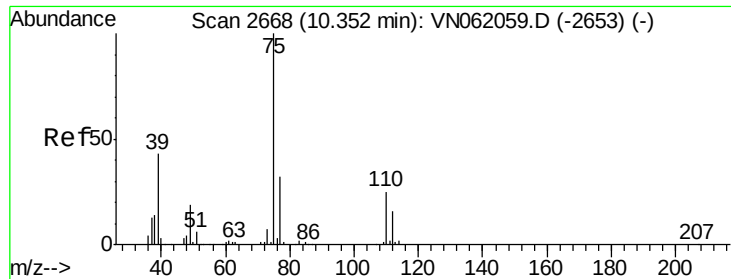
Tgt Ion: 92 Resp: 132822

Ion Ratio Lower Upper

92 100

91 174.8 137.4 206.0





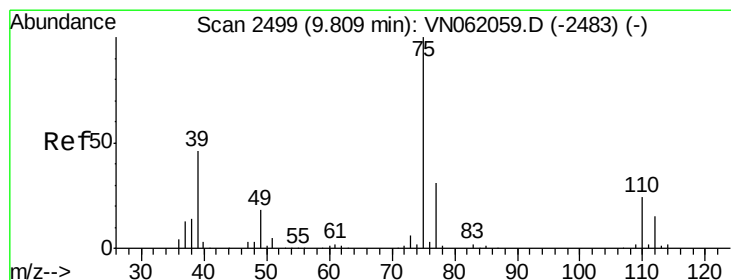
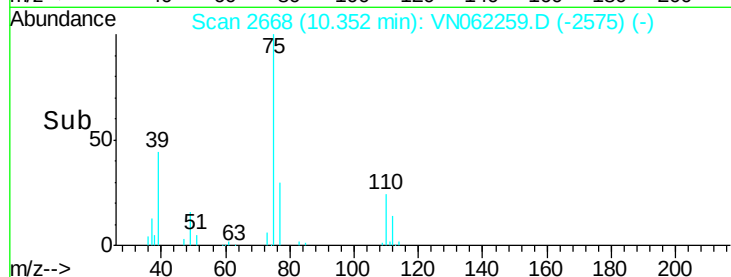
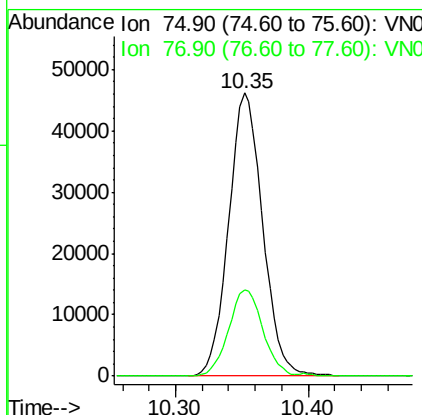
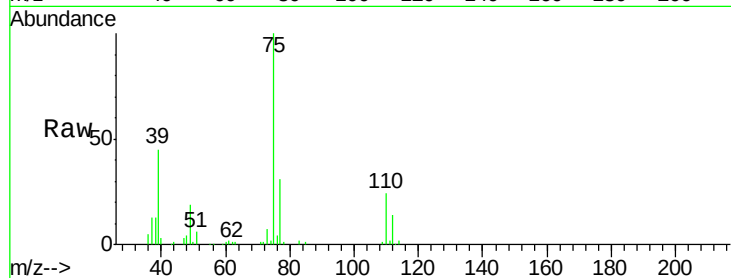
#53
t-1,3-Dichloropropene
Concen: 18.816 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Instrument :
MSVOA_N
ClientSampled :
VN0630WBS02

Tot Ion: 75 Resp: 82380
Ion Ratio Lower Upper
75 100
77 30.7 25.5 38.3

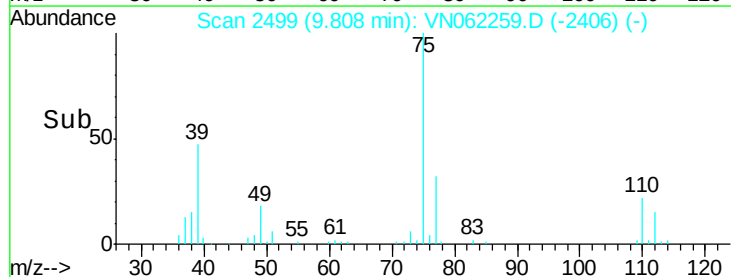
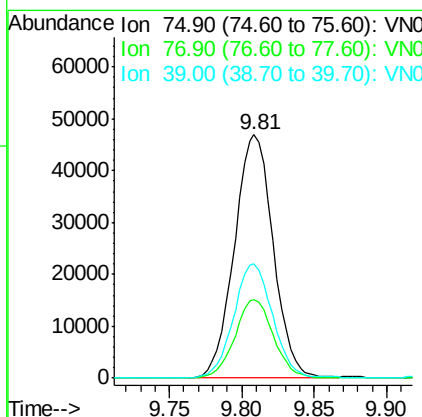
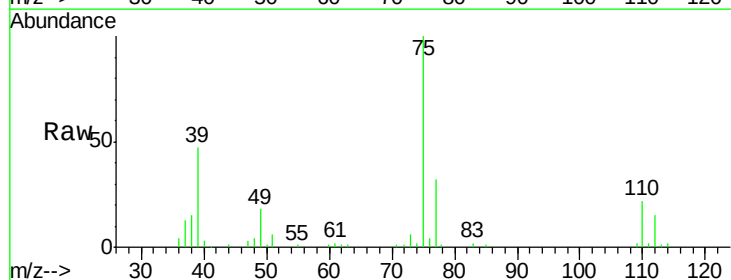
Manual Integrations
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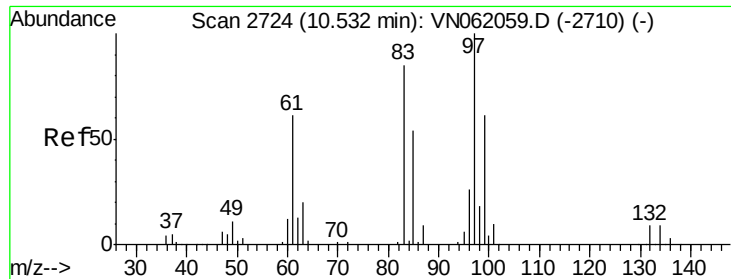
MMDadoda
7/1/2020 11:04:23 AM



#54
cis-1,3-Dichloropropene
Concen: 18.751 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Tgt Ion: 75 Resp: 87402
Ion Ratio Lower Upper
75 100
77 32.2 25.0 37.6
39 46.9 36.9 55.3





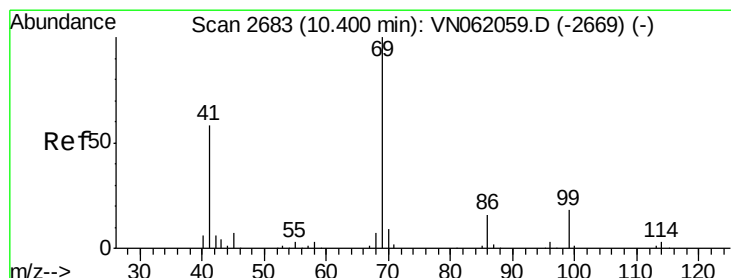
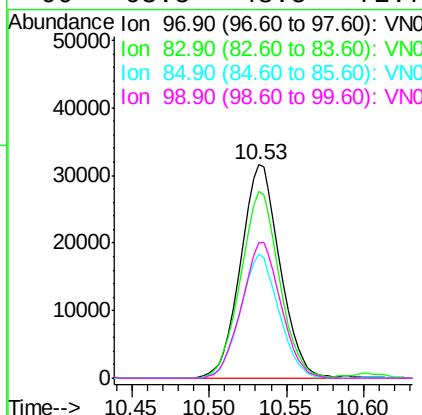
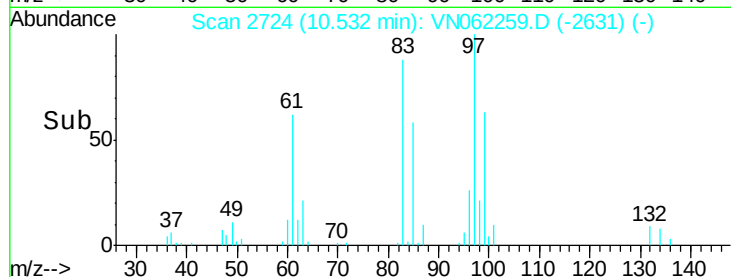
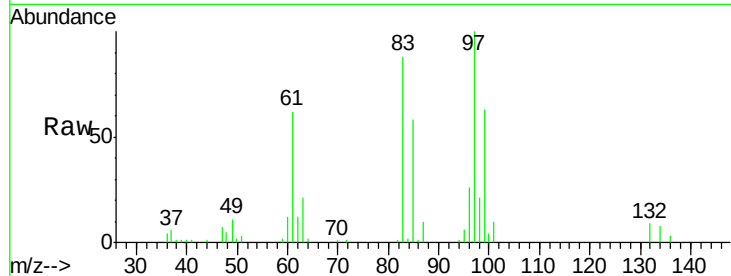
#55
1,1,2-Trichloroethane
Concen: 19.855 ug/l
RT: 10.53 min Scan# 2724
Delta R.T. -0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBS02

Tot Ion	97	Resp	56111
Ion	Ratio	Lower	Upper
97	100		
83	87.5	68.2	102.2
85	58.0	43.2	64.8
99	63.5	48.5	72.7

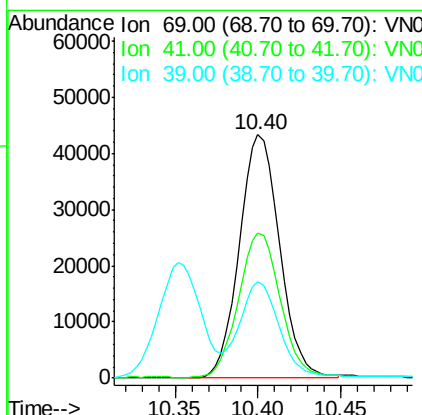
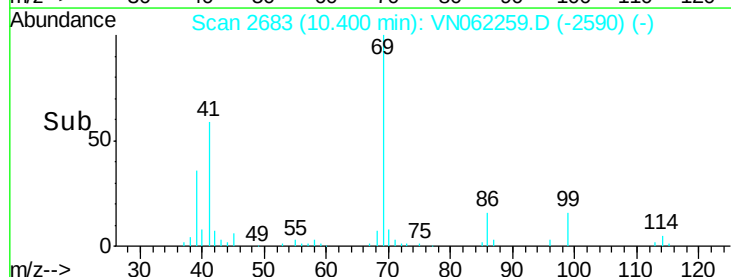
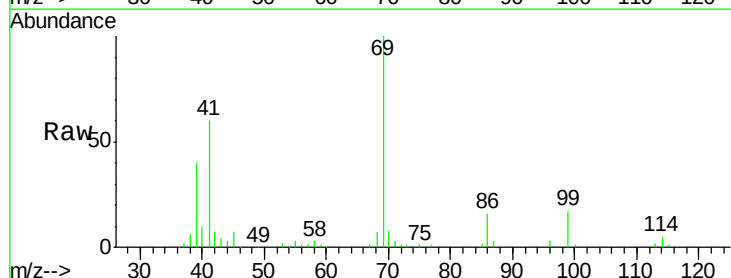
Manual Integrations
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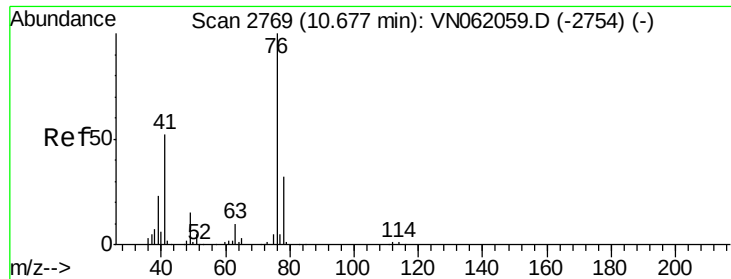
MMDadoda
7/1/2020 11:04:23 AM



#56
Ethyl methacrylate
Concen: 19.491 ug/l
RT: 10.40 min Scan# 2683
Delta R.T. -0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Tgt Ion	69	Resp	73508
Ion	Ratio	Lower	Upper
69	100		
41	62.6	46.6	70.0
39	39.0	31.0	46.4





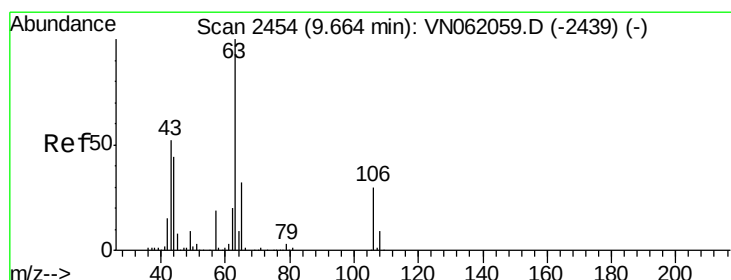
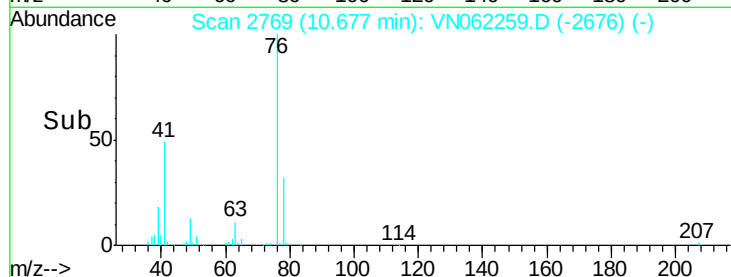
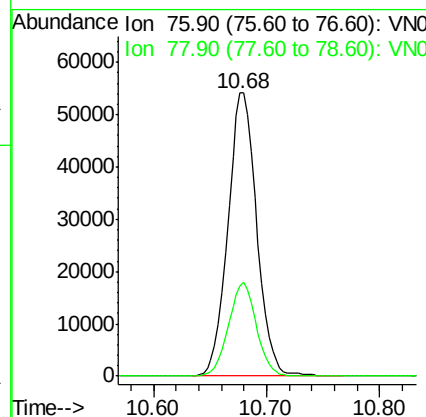
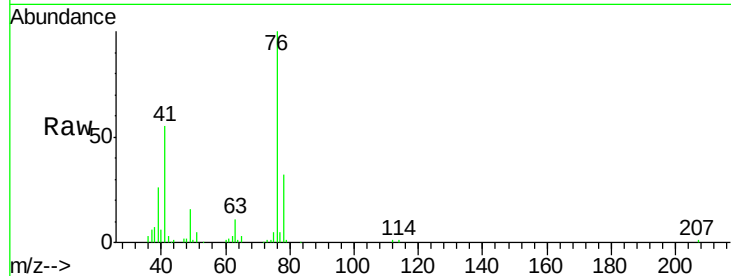
#57
 1,3-Dichloropropane
 Concen: 19.706 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062259.D
 Acq: 1 Jul 2020 00:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.8	25.8	38.8

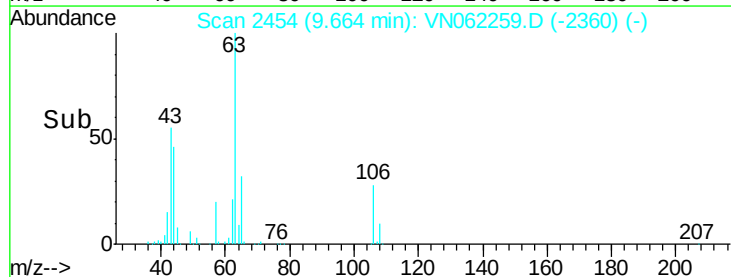
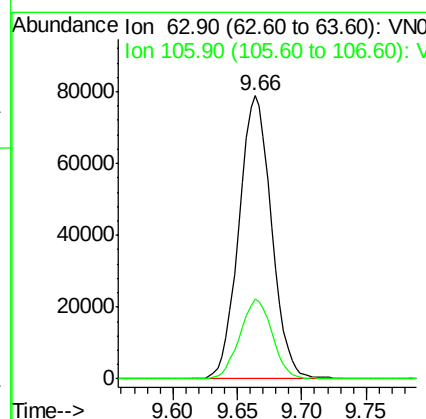
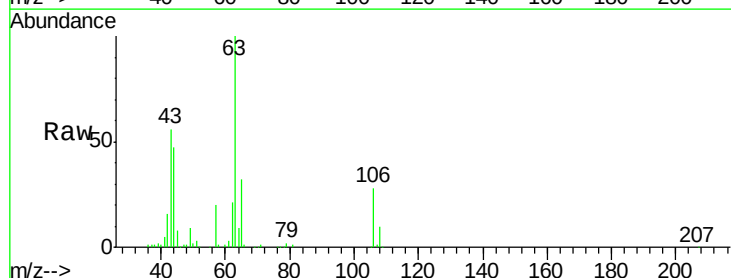
Manual Integrations
 APPROVED

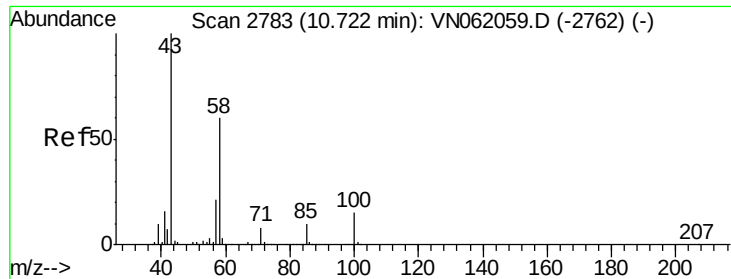
MMDadoda
 7/1/2020 11:04:23 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.842 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062259.D
 Acq: 1 Jul 2020 00:17

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.0	23.2	34.8





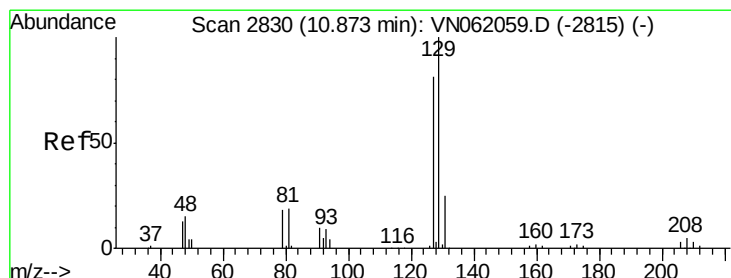
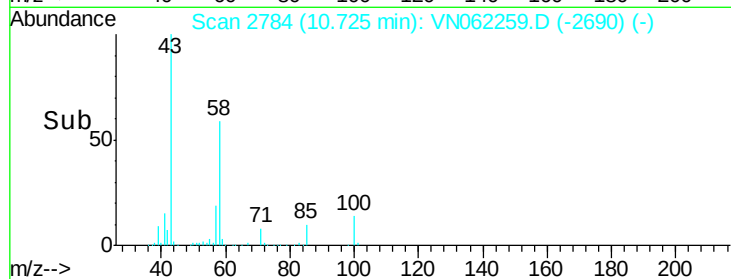
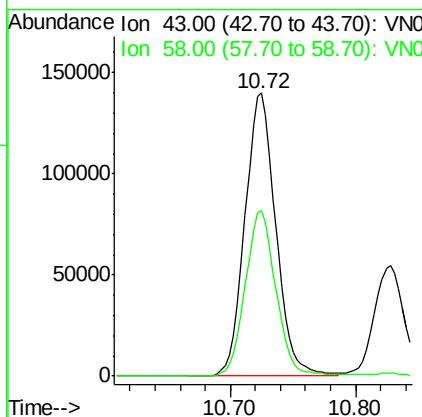
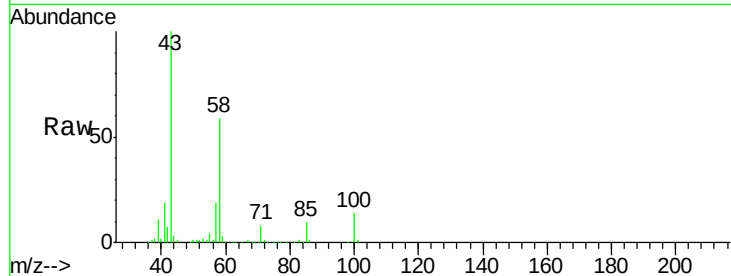
#59
2-Hexanone
Concen: 109.269 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBS02

Tot Ion	43	Resp	240559
Ion Ratio	100	Lower	Upper
43	100		
58	58.0	29.5	88.5

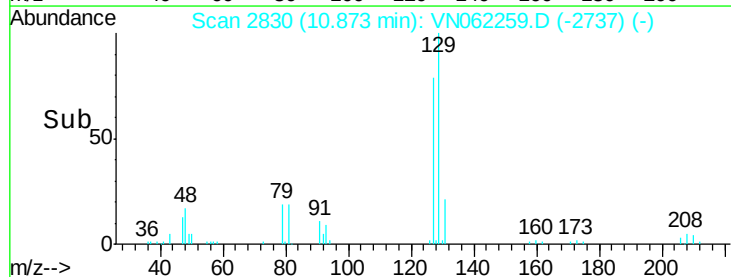
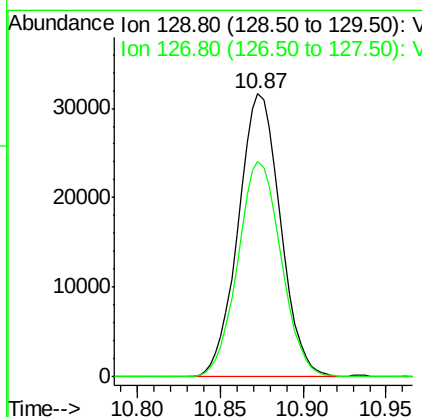
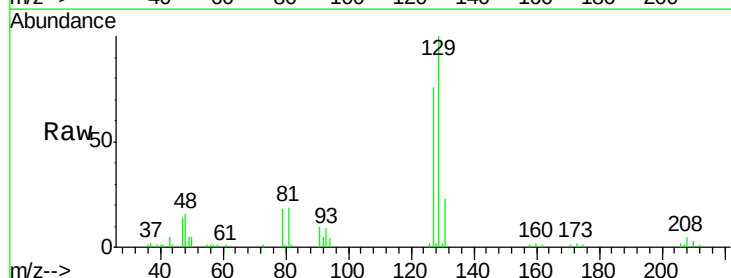
Manual Integrations
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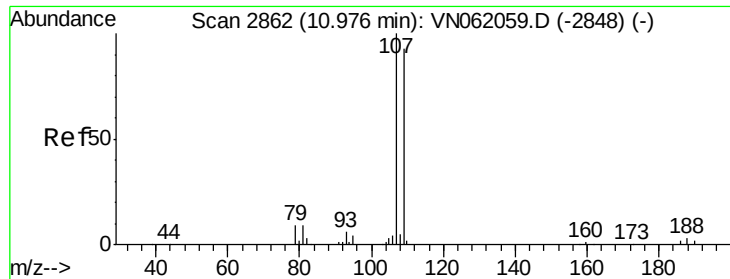
MMDadoda
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#60
Dibromochloromethane
Concen: 18.756 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Tgt Ion	129	Resp	56117
Ion Ratio	100	Lower	Upper
129	100		
127	78.0	39.5	118.5





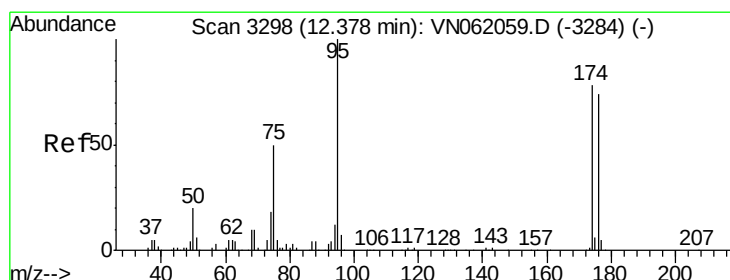
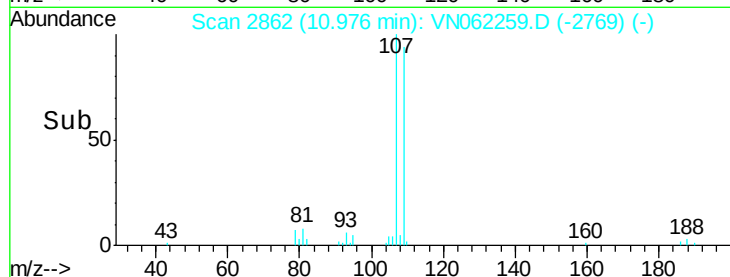
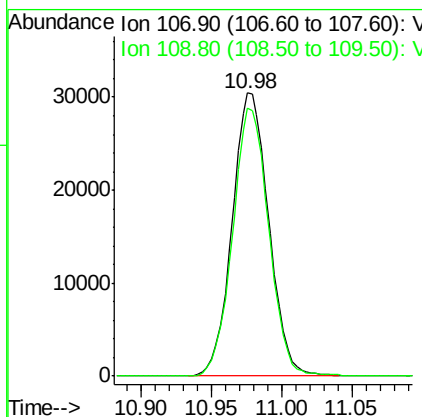
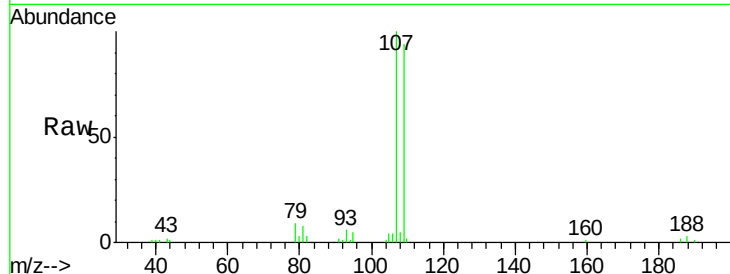
#61
 1,2-Dibromoethane
 Concen: 19.005 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062259.D
 Acq: 1 Jul 2020 00:17

Instrument :
 MSVOA_N
 ClientSampled :
 VN0630WBS02

Tot Ion:107 Resp: 55185
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.0 112.6

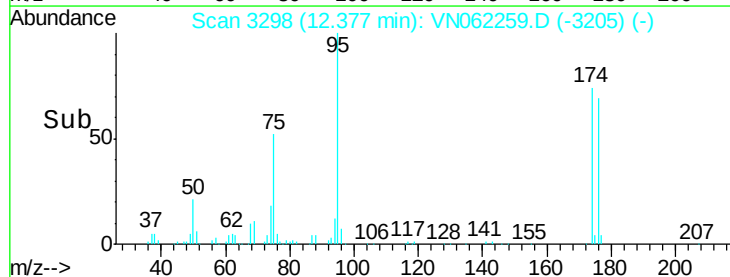
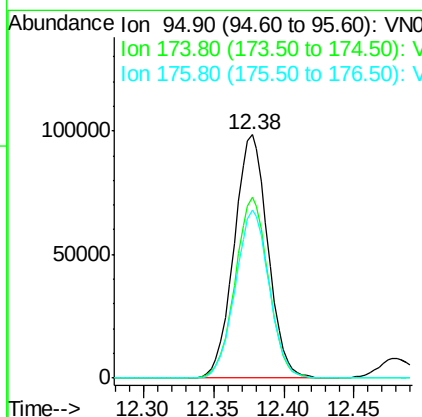
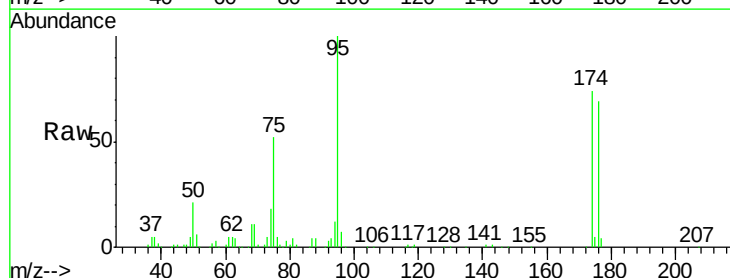
Manual Integrations
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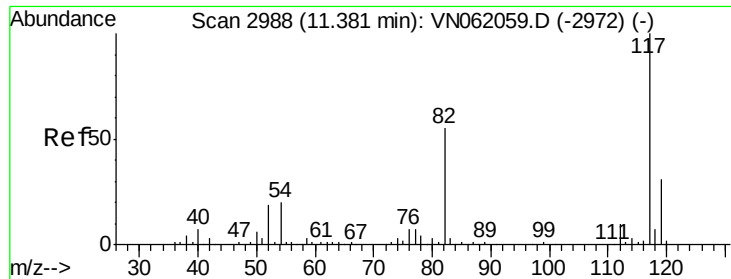
MMDadoda
 7/1/2020 11:04:23 AM



#62
 4-Bromofluorobenzene
 Concen: 49.616 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062259.D
 Acq: 1 Jul 2020 00:17

Tgt Ion: 95 Resp: 165333
 Ion Ratio Lower Upper
 95 100
 174 73.2 0.0 154.8
 176 69.1 0.0 147.4





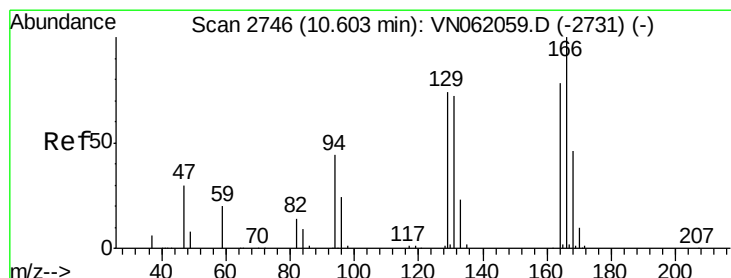
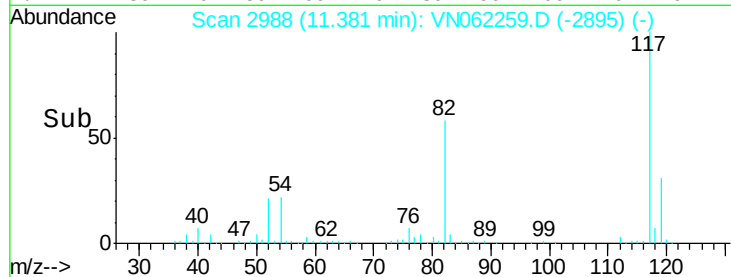
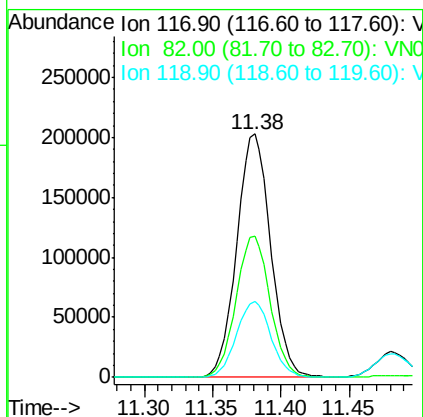
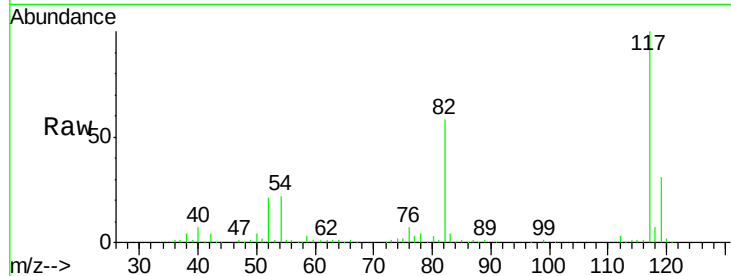
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.0	43.8	65.8
119	31.2	25.2	37.8

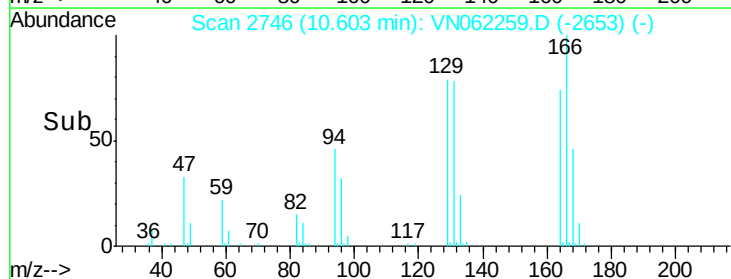
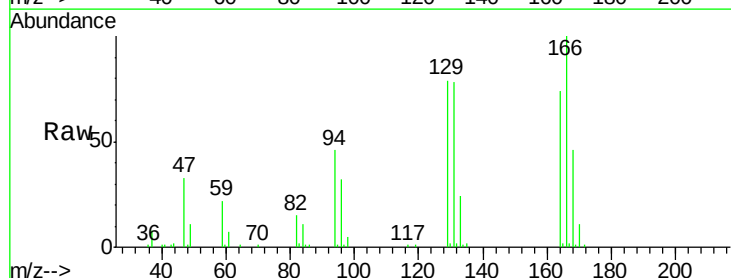
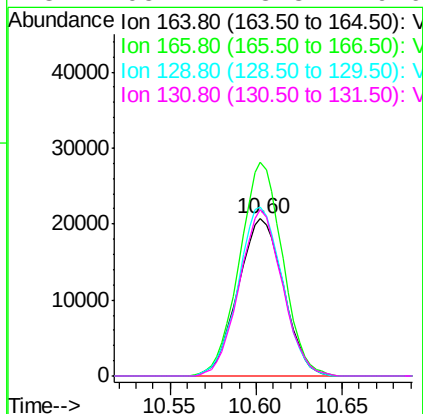
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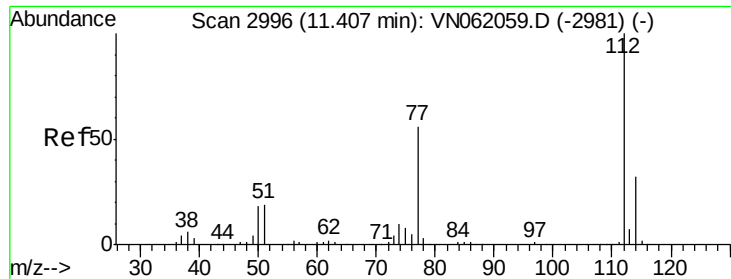
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7/1/2020 11:04:23 AM



#64
Tetrachloroethene
Concen: 15.869 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	135.8	102.9	154.3
129	107.4	75.8	113.8
131	105.7	73.8	110.6





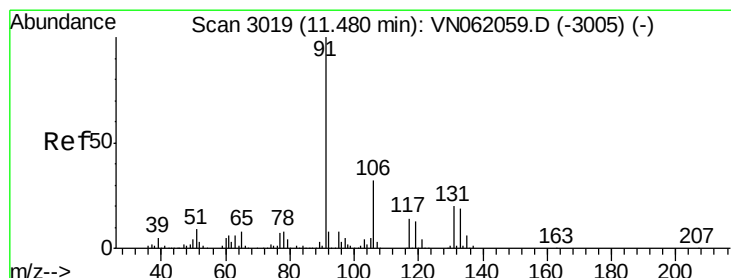
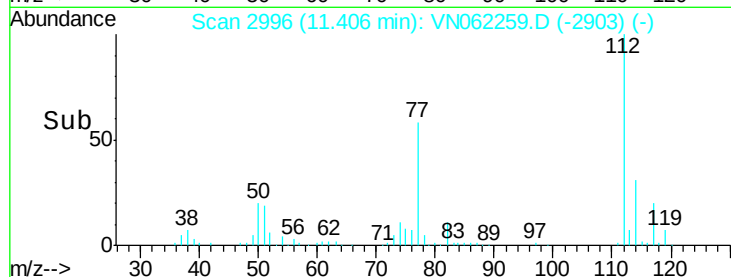
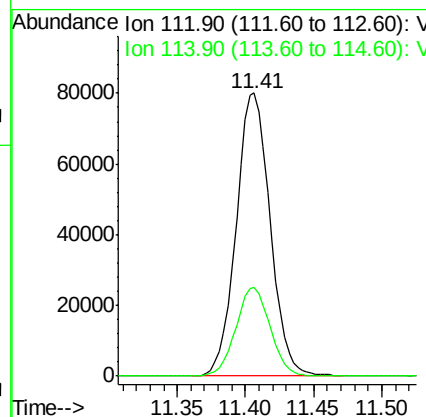
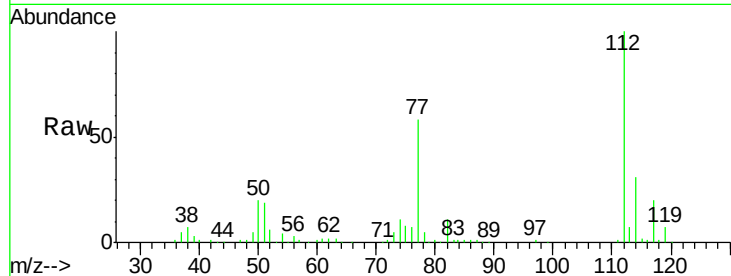
#65
Chlorobenzene
Concen: 17.967 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Instrument :
MSVOA_N
ClientSampled :
VN0630WBS02

Tot Ion:112 Resp: 138243
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.8

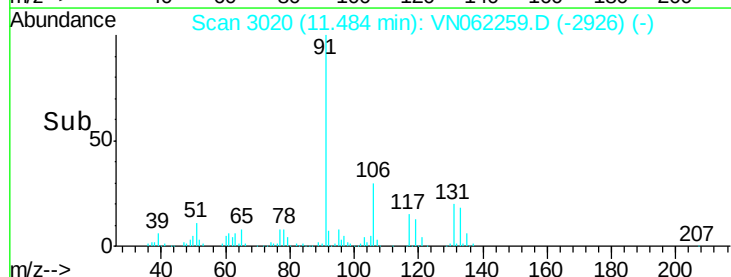
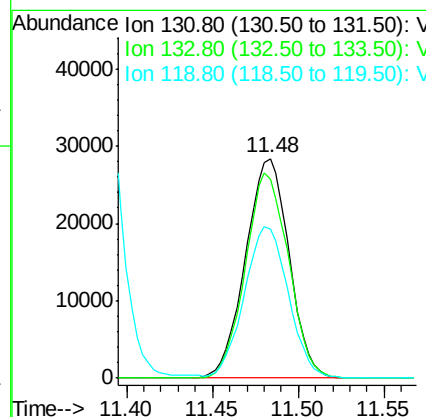
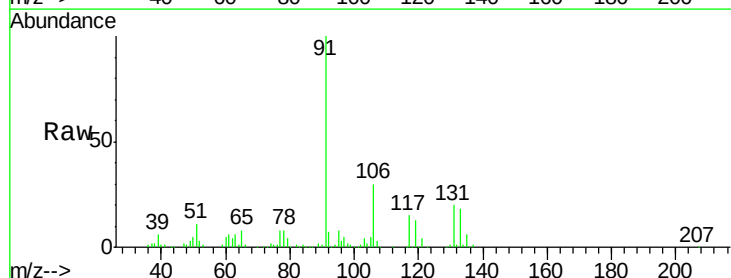
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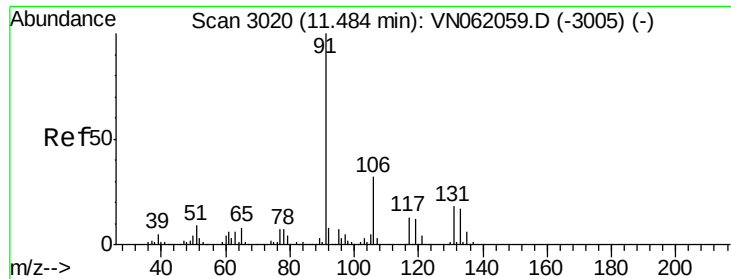
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.697 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Tgt Ion:131 Resp: 49746
Ion Ratio Lower Upper
131 100
133 92.7 47.6 142.9
119 70.0 34.4 103.3





#67

Ethyl Benzene

Concen: 18.189 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Instrument :

MSVOA_N

ClientSampled :

VN0630WBS02

Tot Ion: 91 Resp: 236355

Ion Ratio Lower Upper

91 100

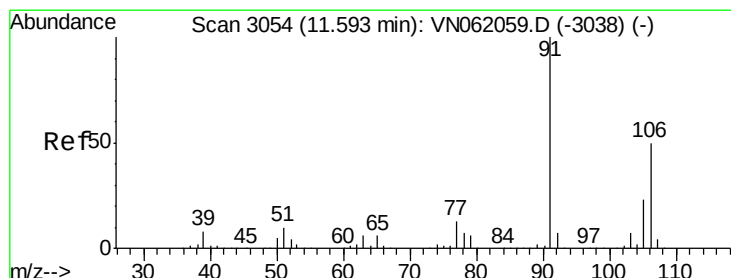
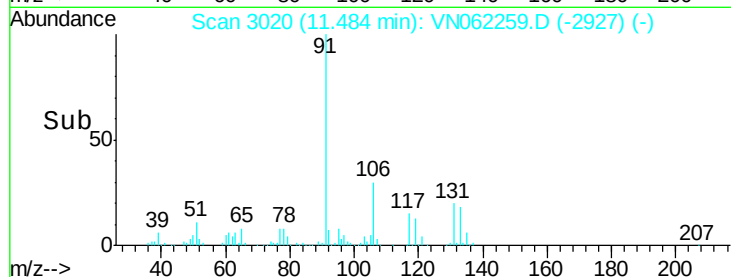
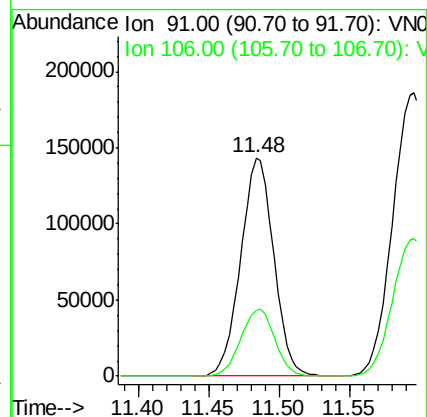
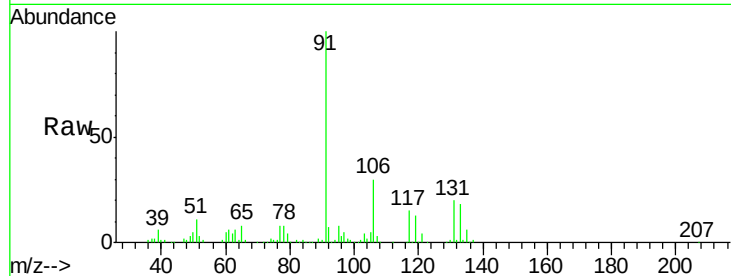
106 30.2 25.3 37.9

Manual Integrations

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#68

m/p-Xylenes

Concen: 35.642 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. 0.00 min

Lab File: VN062259.D

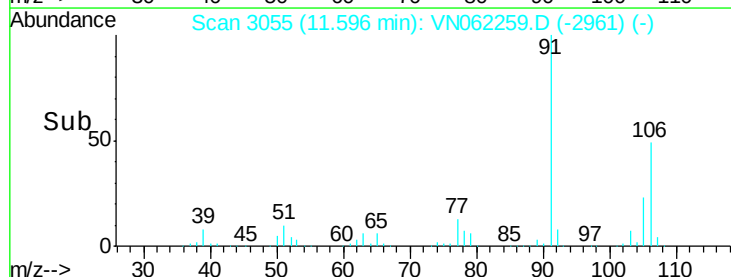
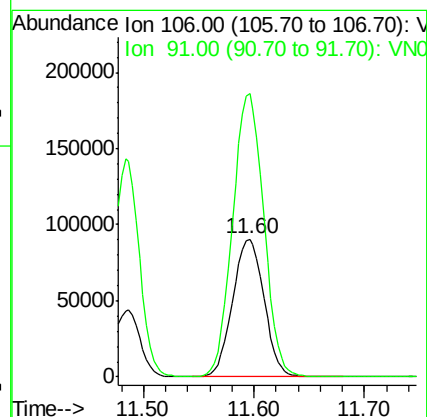
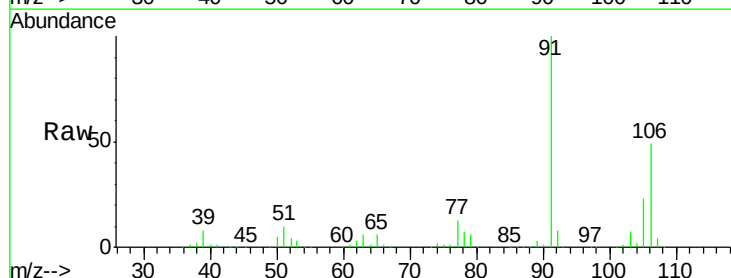
Acq: 1 Jul 2020 00:17

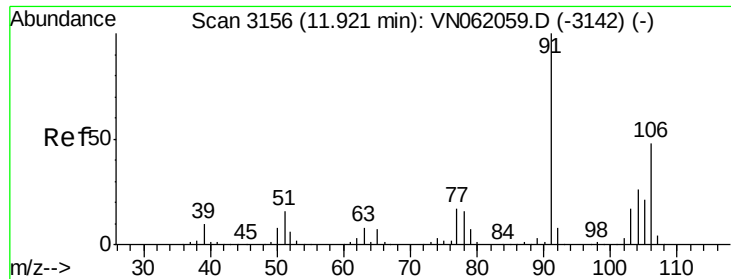
Tgt Ion: 106 Resp: 179138

Ion Ratio Lower Upper

106 100

91 203.1 157.8 236.8





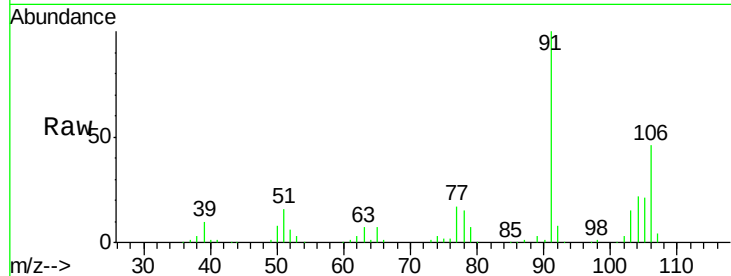
#69
o-Xylene
Concen: 18.147 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBS02

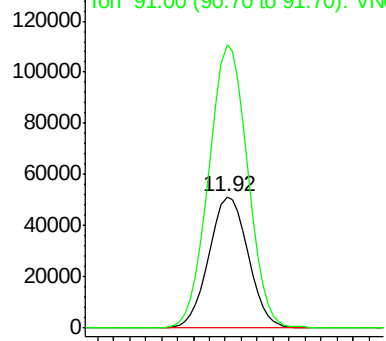
Tot Ion:106 Resp: 86055
Ion Ratio Lower Upper
106 100
91 213.8 104.0 311.9

Manual Integrations
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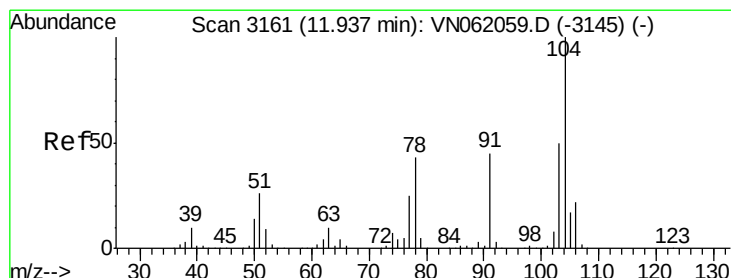
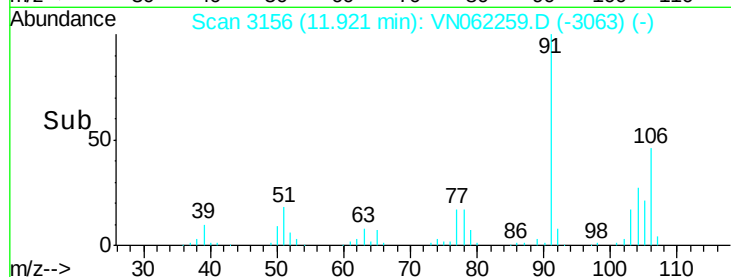
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Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

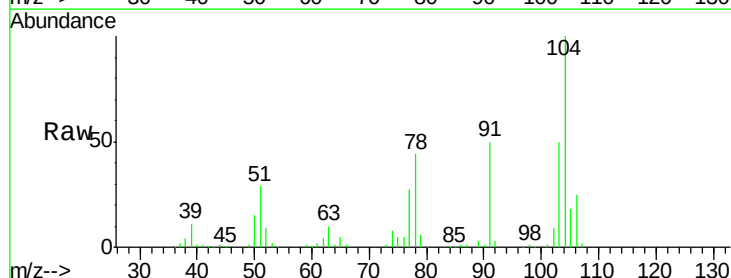


Time-->

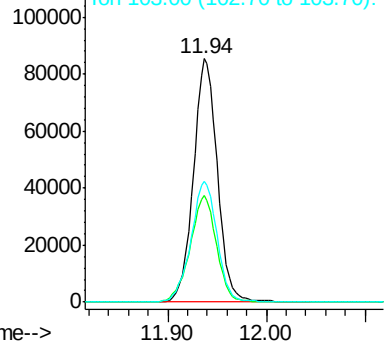


#70
Styrene
Concen: 18.445 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

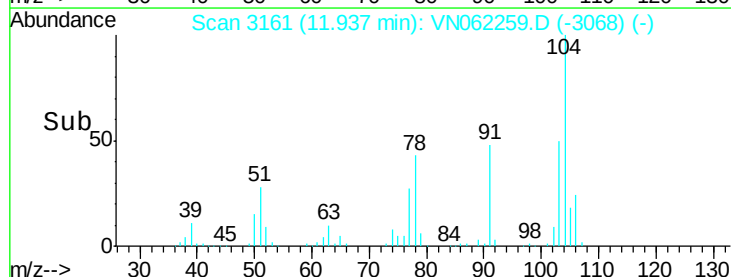
Tgt Ion:104 Resp: 145879
Ion Ratio Lower Upper
104 100
78 48.0 37.7 56.5
103 54.2 43.0 64.6

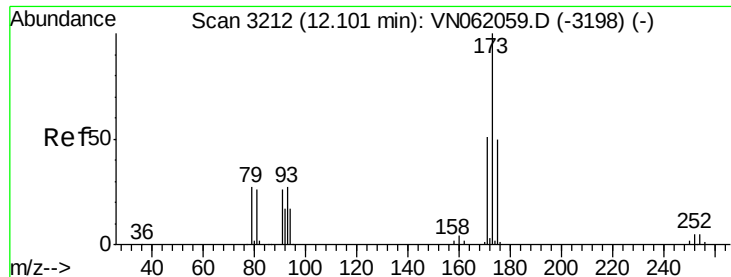


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 18.095 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Instrument :

MSVOA_N

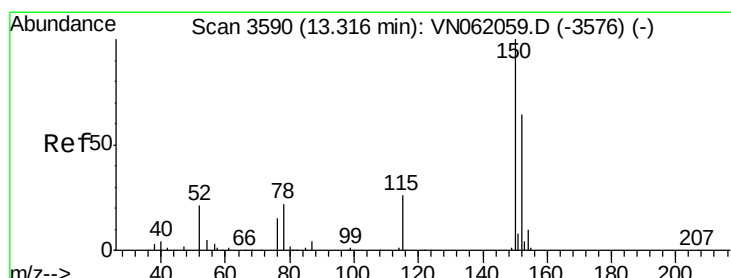
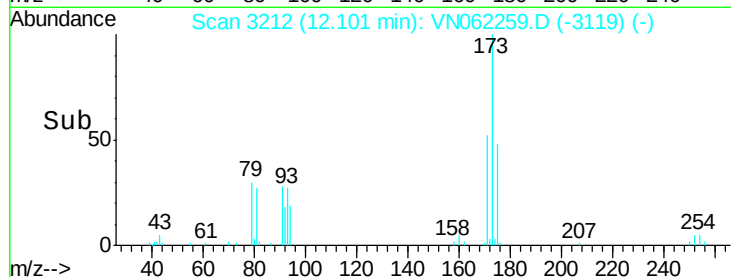
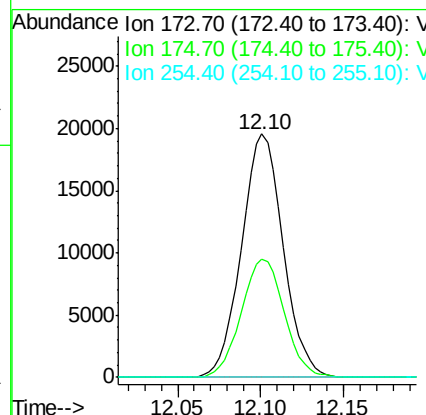
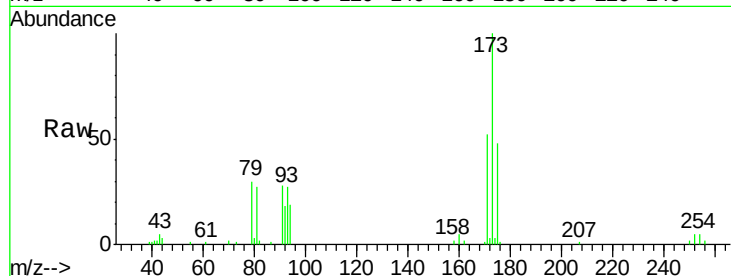
ClientSampled :

VN0630WBS02

Tot Ion:	173	Resp:	34229
Ion Ratio	Lower	Upper	
173	100		
175	50.0	24.7	74.1
254	0.0	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

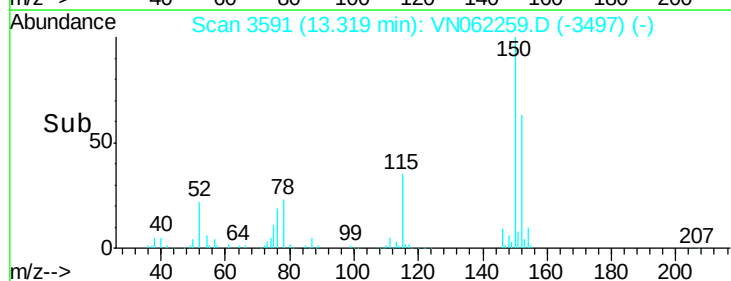
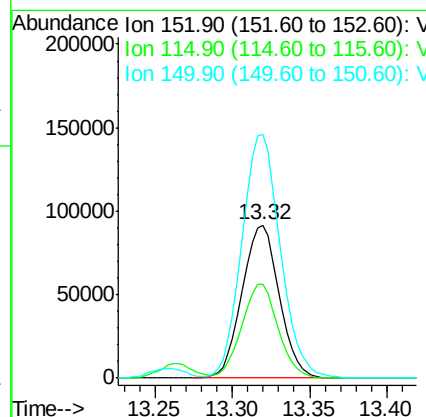
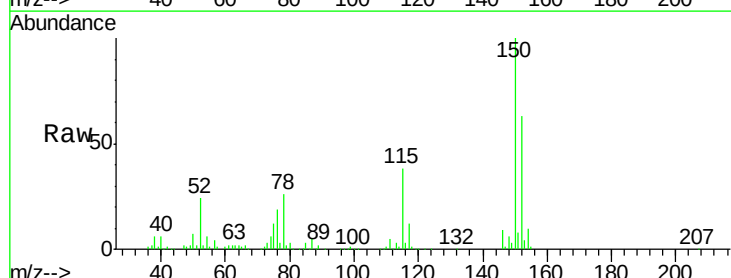
RT: 13.32 min Scan# 3591

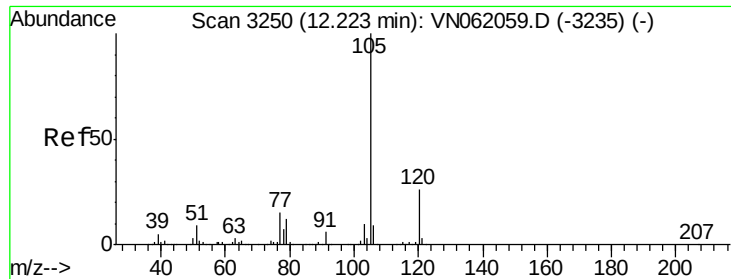
Delta R.T. 0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Tgt Ion:	152	Resp:	153286
Ion Ratio	Lower	Upper	
152	100		
115	59.9	29.5	88.5
150	164.3	0.0	351.4





#73

Isopropylbenzene

Concen: 18.574 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBS02

Tot Ion:105 Resp: 220395

Ion Ratio Lower Upper

105 100

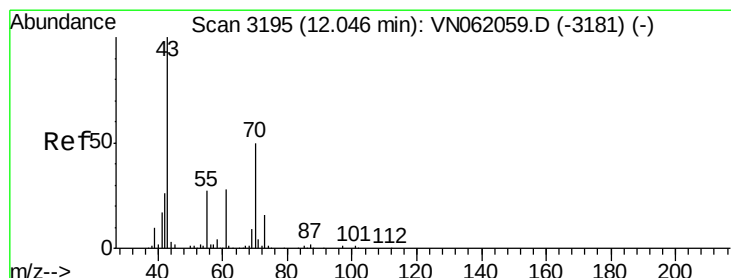
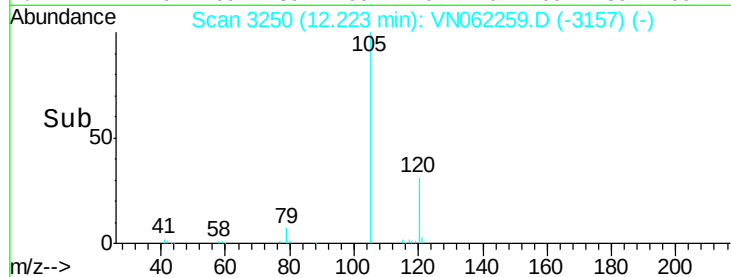
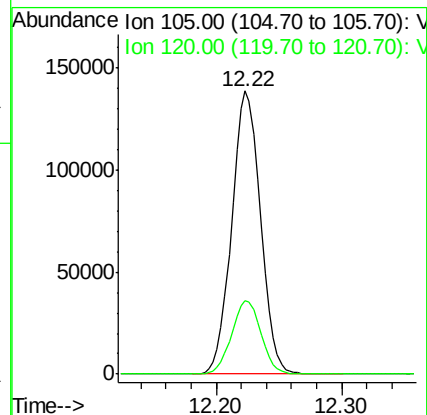
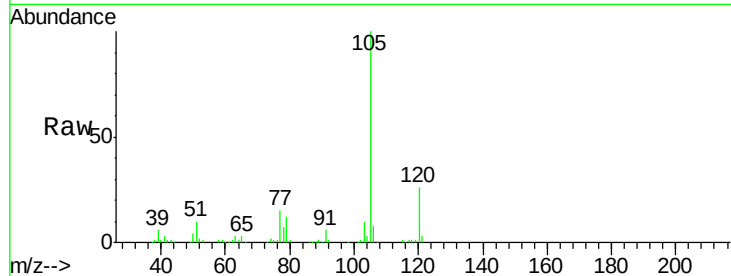
120 26.2 13.2 39.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 21.505 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Tgt Ion: 43 Resp: 85011

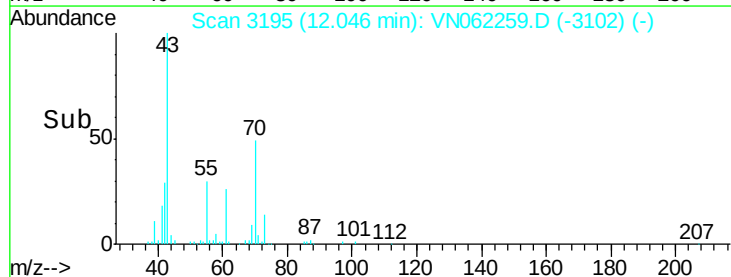
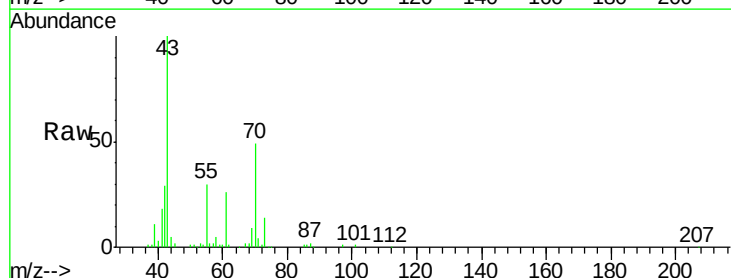
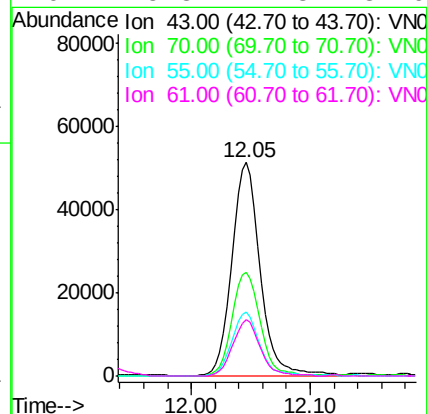
Ion Ratio Lower Upper

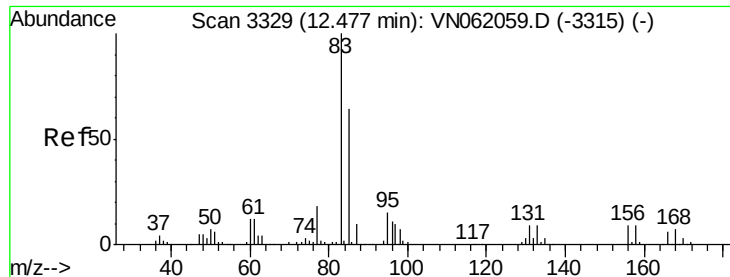
43 100

70 48.2 39.4 59.2

55 29.3 21.7 32.5

61 25.3 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 21.795 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Instrument :

MSVOA_N

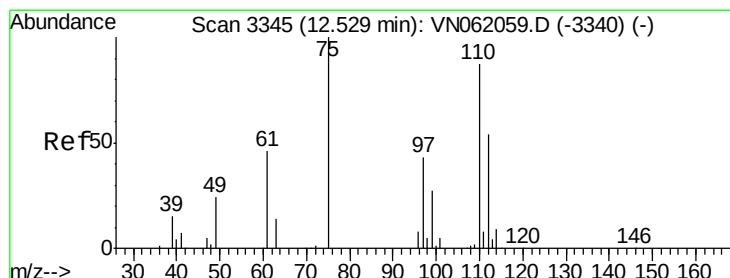
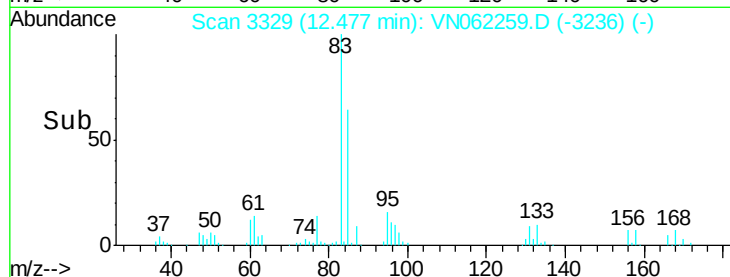
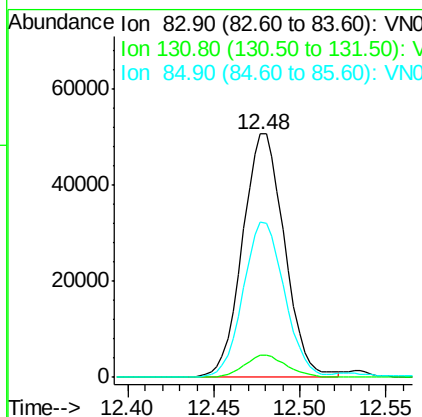
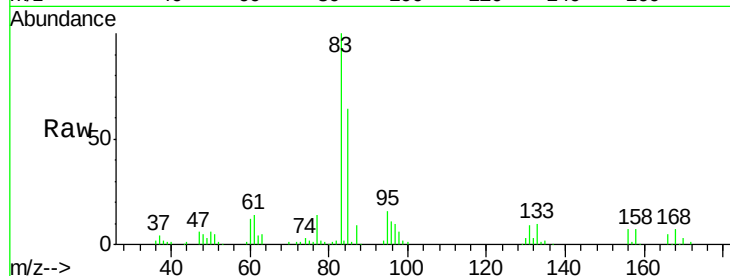
ClientSampled :

VN0630WBS02

Tot Ion:	83	Resp:	86058
Ion Ratio	Lower	Upper	
83	100		
131	9.1	4.8	14.4
85	62.4	32.4	97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.742 ug/l m

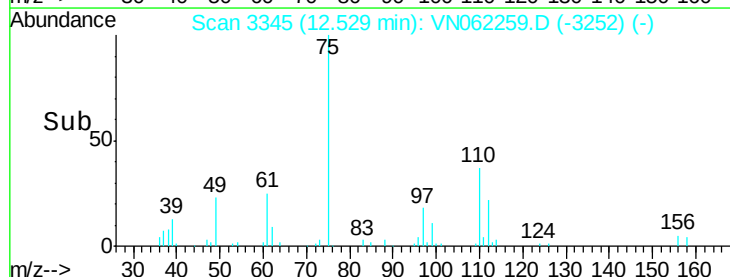
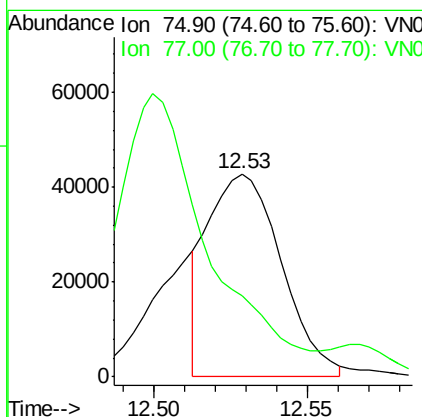
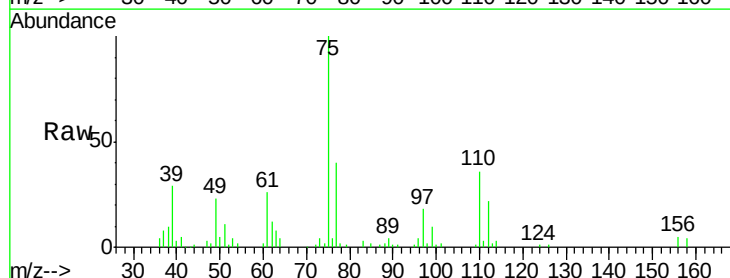
RT: 12.53 min Scan# 3345

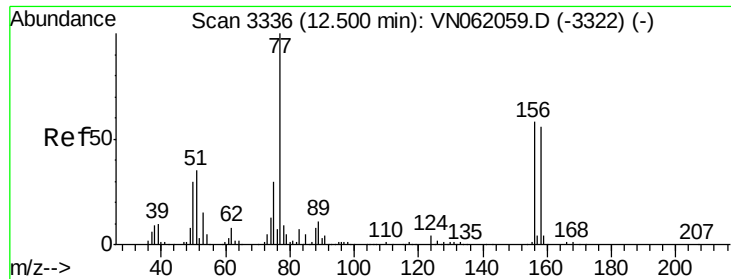
Delta R.T. -0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Tgt Ion:	75	Resp:	71237
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





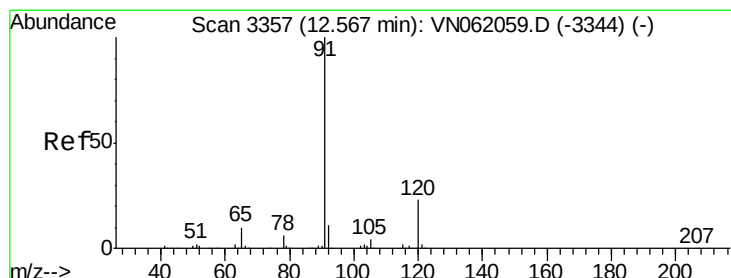
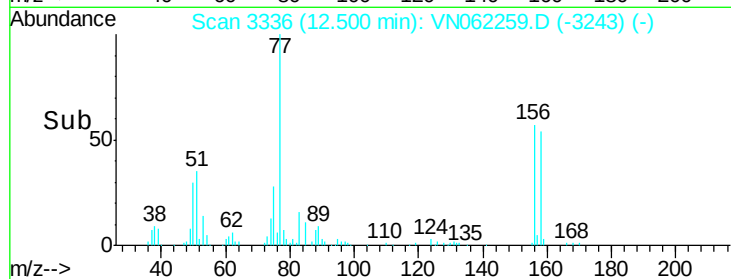
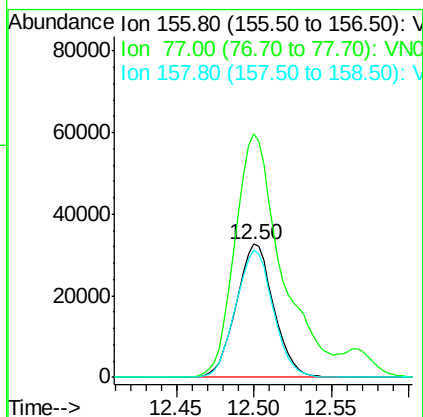
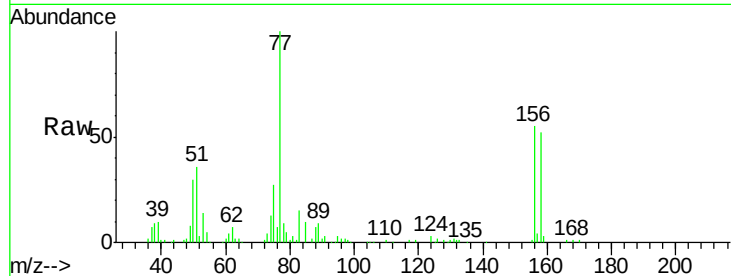
#77
Bromobenzene
Concen: 18.692 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Instrument :
MSVOA_N
ClientSampled :
VN0630WBS02

Tot Ion	Ratio	Lower	Upper
156	100		
77	226.8	104.6	313.8
158	95.3	48.0	144.0

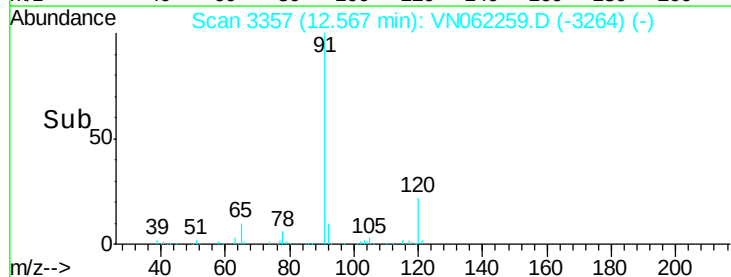
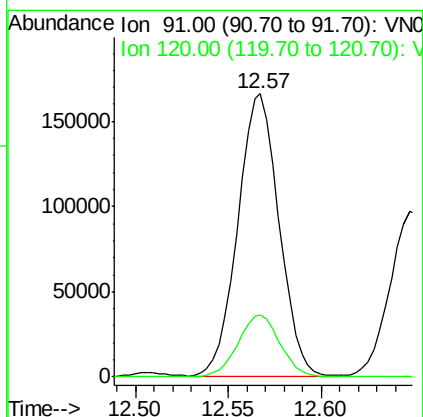
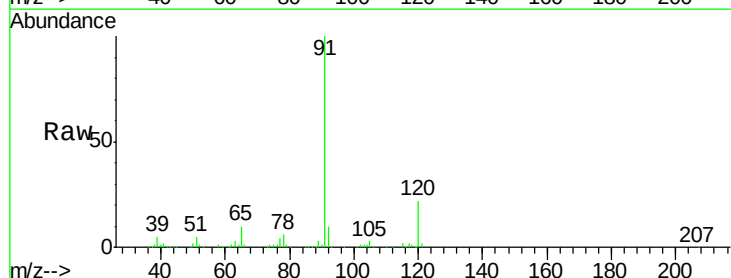
Manual Integrations
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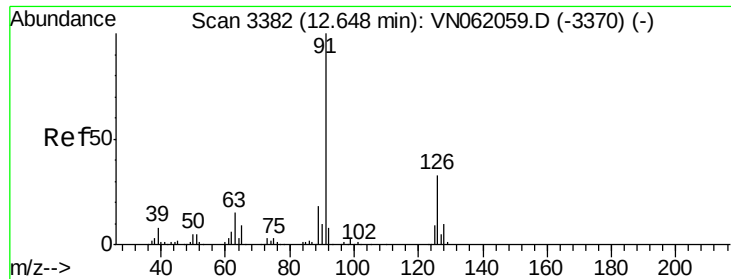
MMDadoda
7/1/2020 11:04:23 AM



#78
n-propylbenzene
Concen: 18.778 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. -0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.4	34.1





#79

2-Chlorotoluene

Concen: 19.350 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Instrument :

MSVOA_N

ClientSampled :

VN0630WBS02

Tot Ion: 91 Resp: 158768

Ion Ratio Lower Upper

91 100

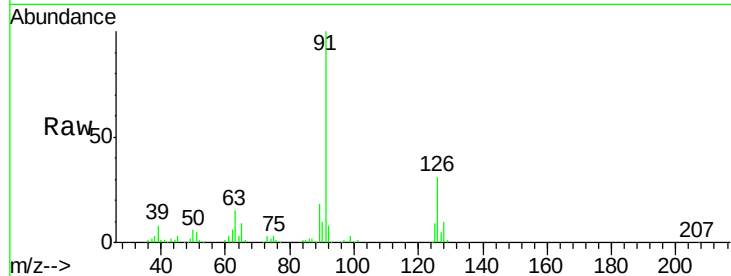
126 33.0 16.9 50.7

Manual Integrations

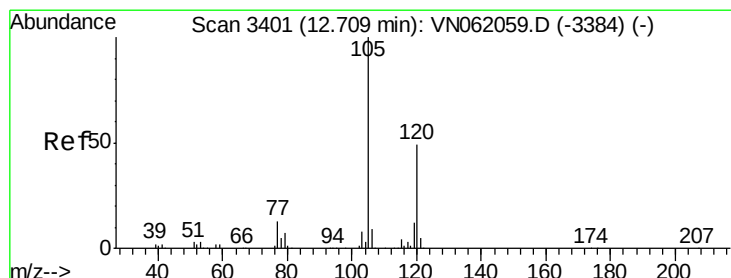
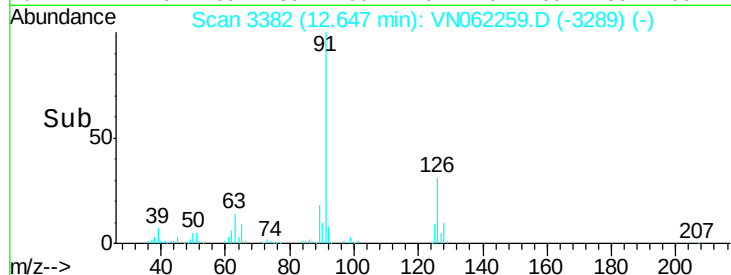
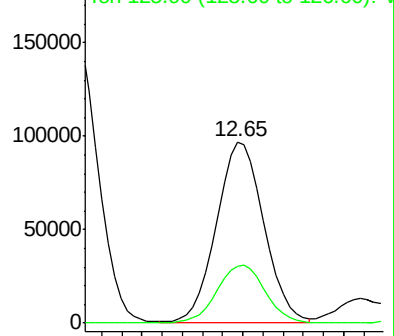
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Abundance Ion 91.00 (90.70 to 91.70): VN062059.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.149 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062259.D

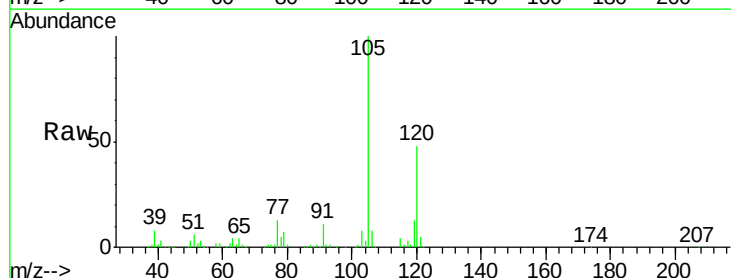
Acq: 1 Jul 2020 00:17

Tgt Ion: 105 Resp: 184195

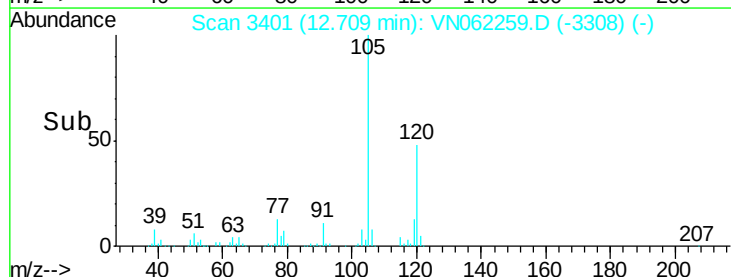
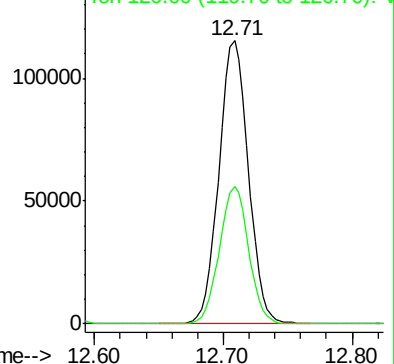
Ion Ratio Lower Upper

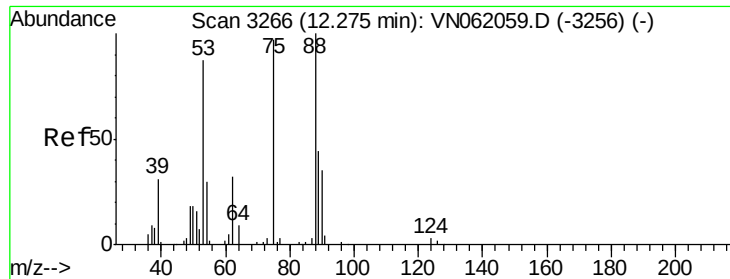
105 100

120 48.1 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN062059.D (-3384) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.561 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. 0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Instrument :

MSVOA_N

ClientSampled :

VN0630WBS02

Tot Ion: 75 Resp: 24170

Ion Ratio Lower Upper

75 100

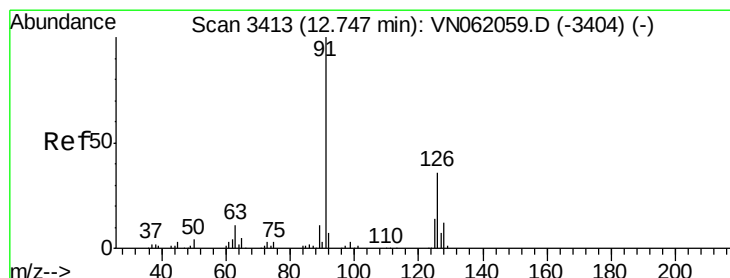
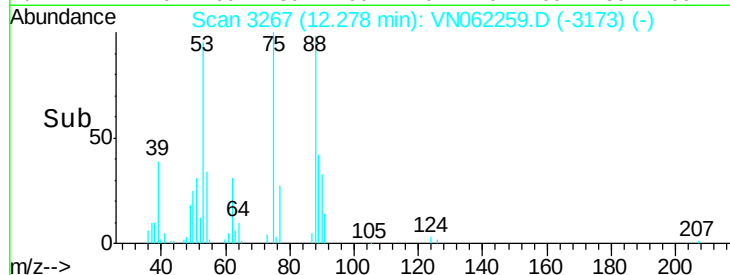
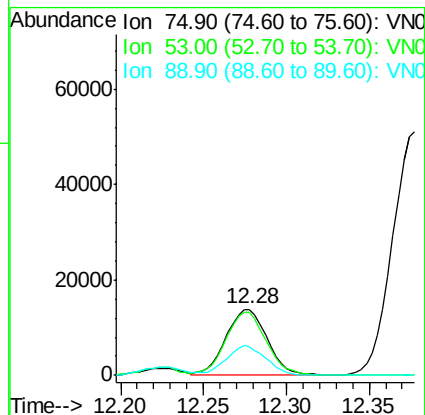
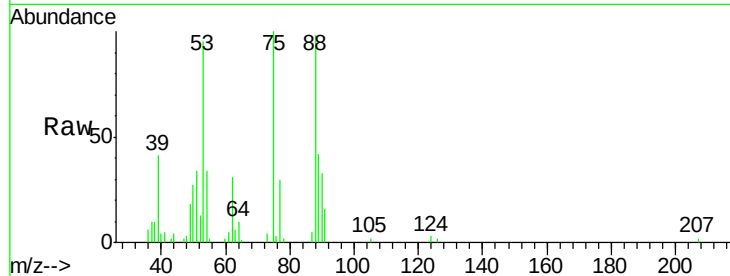
53 91.1 72.0 108.0

89 43.1 36.9 55.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.983 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062259.D

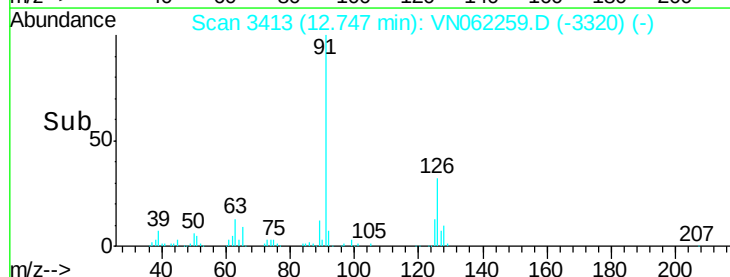
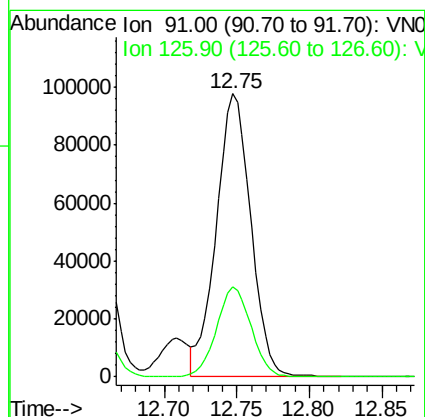
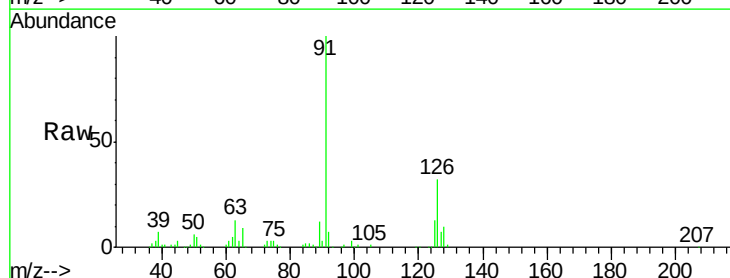
Acq: 1 Jul 2020 00:17

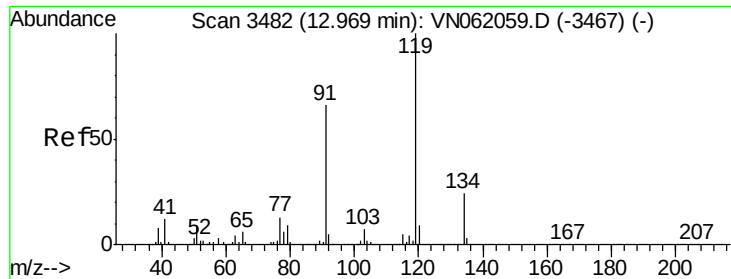
Tgt Ion: 91 Resp: 161068

Ion Ratio Lower Upper

91 100

126 32.0 16.7 50.1





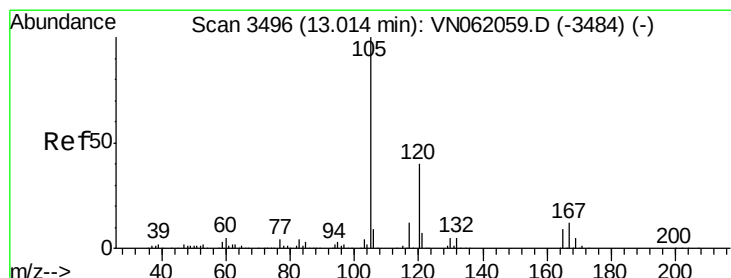
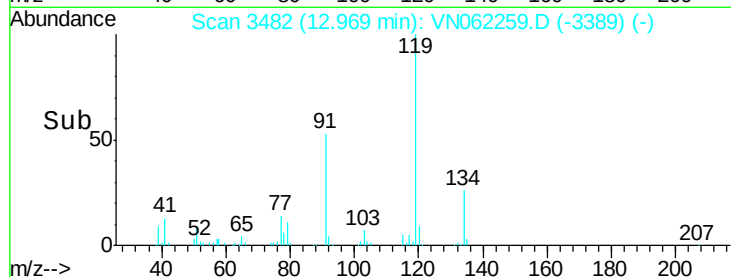
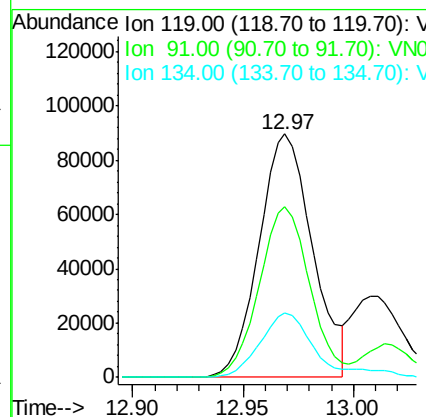
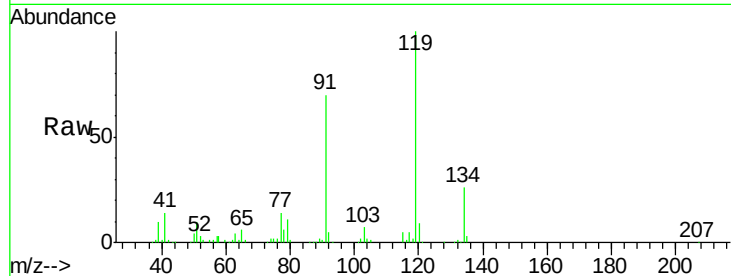
#83
 tert-Butylbenzene
 Concen: 18.299 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062259.D
 Acq: 1 Jul 2020 00:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.5	31.7	95.1
134	27.4	13.1	39.1

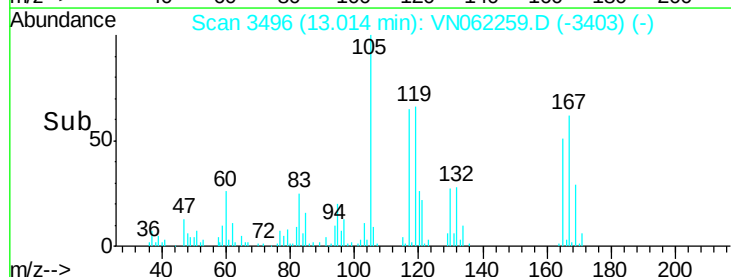
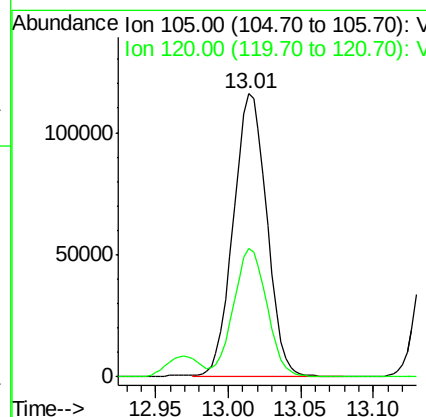
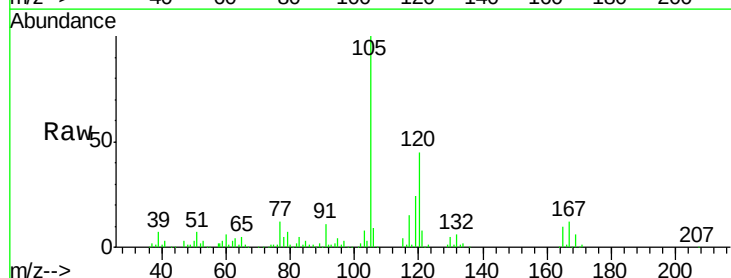
Manual Integrations
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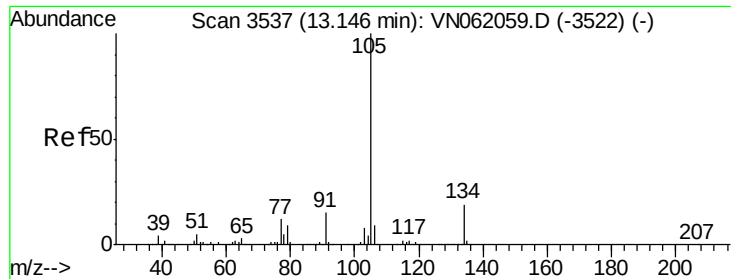
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 7/1/2020 11:04:23 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 19.165 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062259.D
 Acq: 1 Jul 2020 00:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.2	69.5





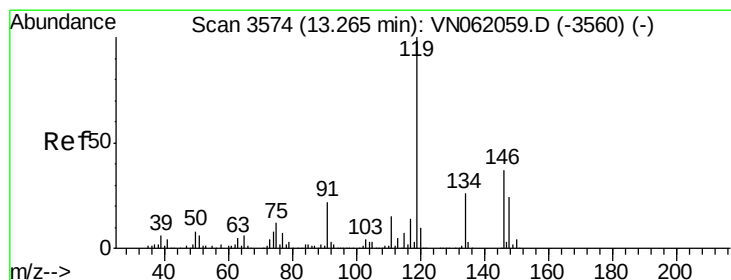
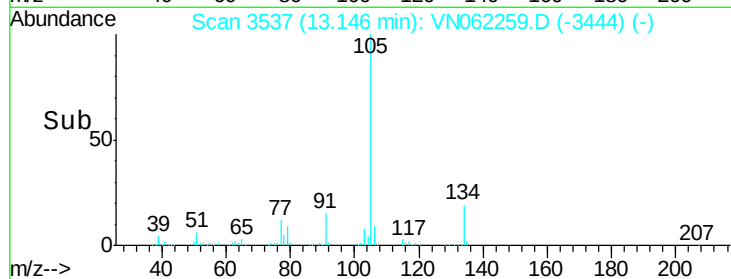
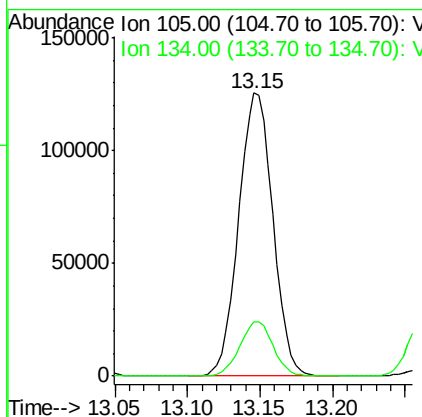
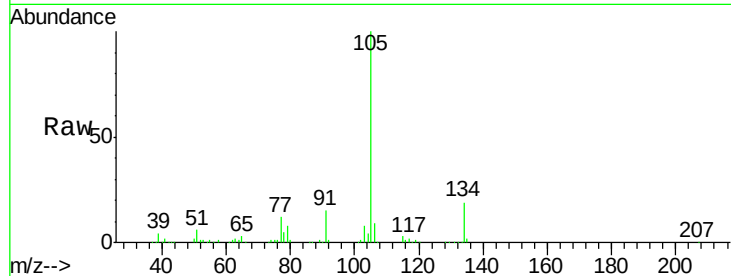
#85
 sec-Butylbenzene
 Concen: 18.823 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062259.D
 Acq: 1 Jul 2020 00:17

Instrument :
 MSVOA_N
 ClientSampled :
 VN0630WBS02

Tot Ion	Ratio	Lower	Upper
105	100		
134	18.9	9.7	29.1

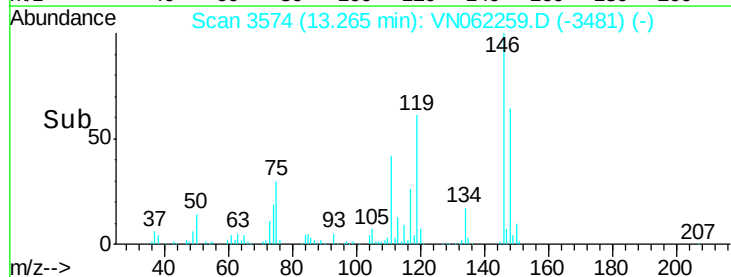
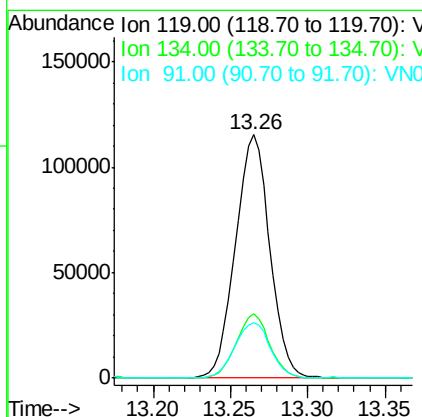
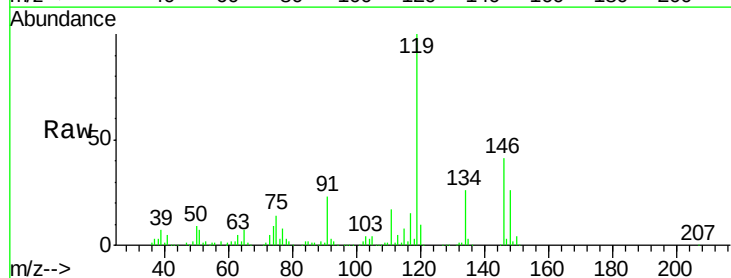
Manual Integrations
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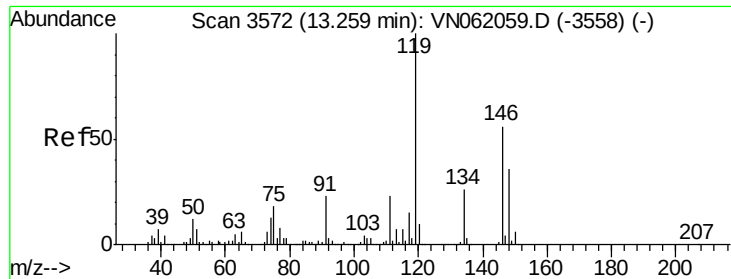
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 7/1/2020 11:04:23 AM



#86
 p-Isopropyltoluene
 Concen: 18.655 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062259.D
 Acq: 1 Jul 2020 00:17

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.8	13.0	39.0
91	23.8	11.3	33.8





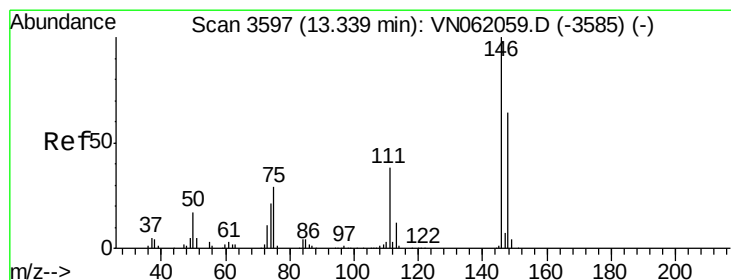
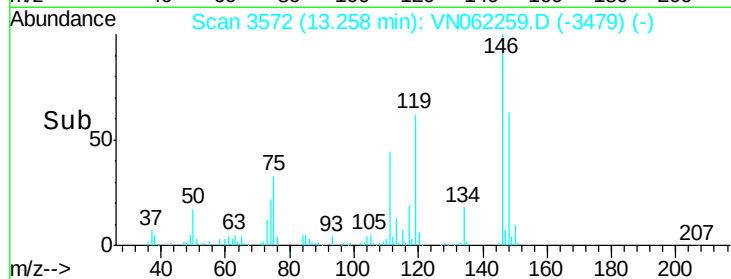
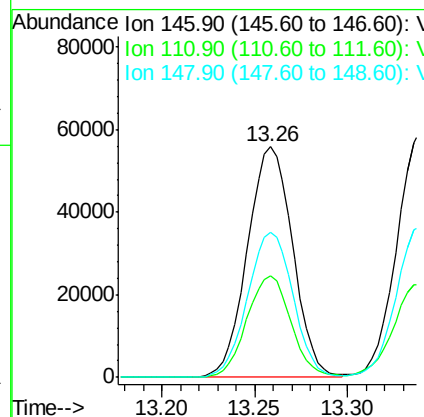
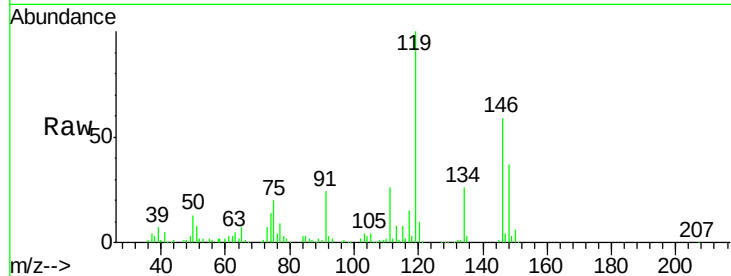
#87
 1,3-Dichlorobenzene
 Concen: 18.285 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062259.D
 Acq: 1 Jul 2020 00:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	20.3	61.0
148	63.2	31.8	95.3

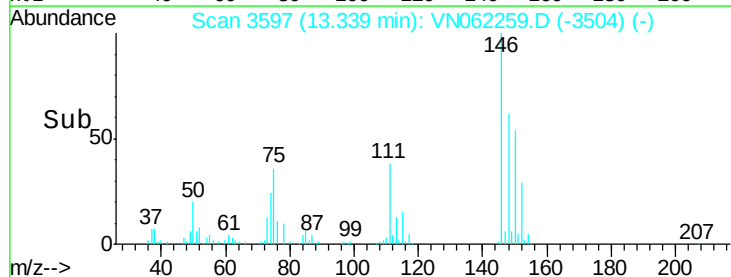
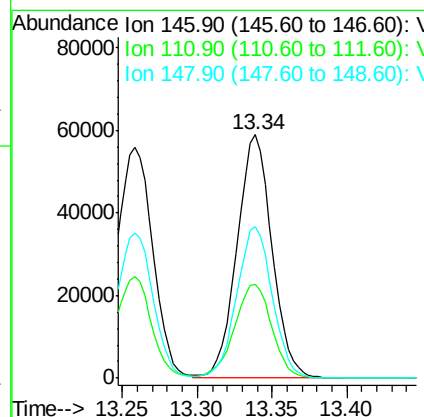
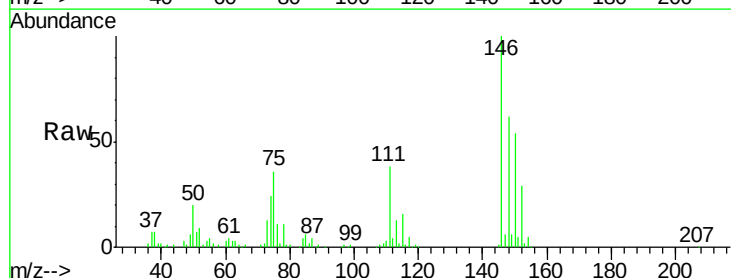
Manual Integrations
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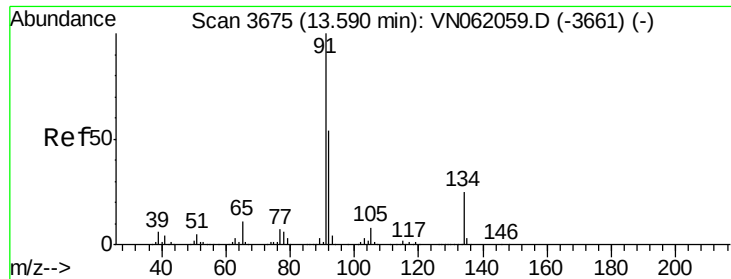
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 7/1/2020 11:04:23 AM



#88
 1,4-Dichlorobenzene
 Concen: 18.069 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062259.D
 Acq: 1 Jul 2020 00:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	19.9	59.6
148	63.3	31.9	95.9





#89

n-Butylbenzene

Concen: 17.812 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Instrument :

MSVOA_N

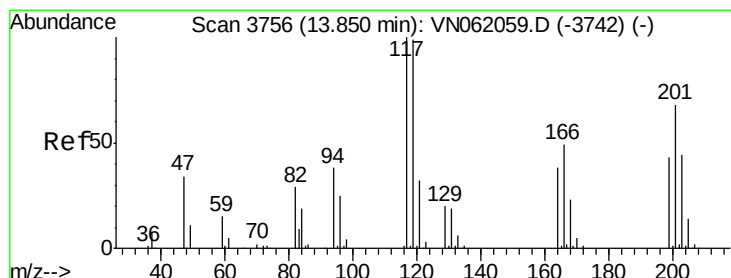
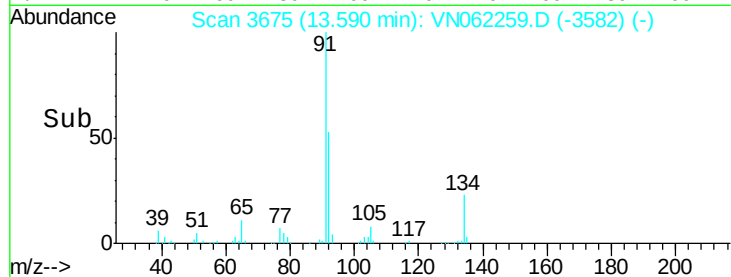
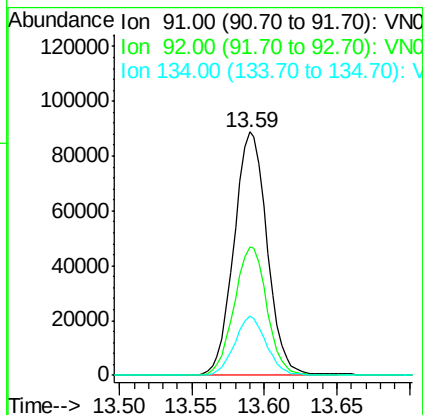
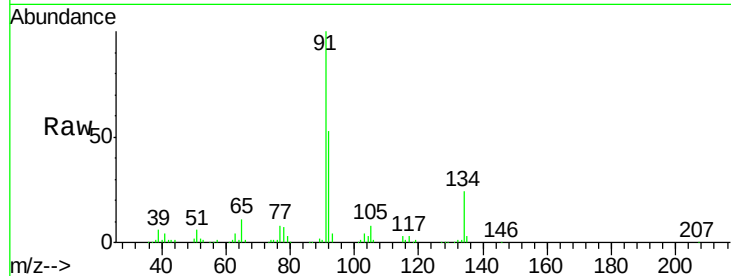
ClientSampleId :

VN0630WBS02

Tot Ion:	91	Resp:	141127
Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.6	79.7
134	23.2	12.3	36.9

Manual Integrations
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#90

Hexachloroethane

Concen: 18.231 ug/l

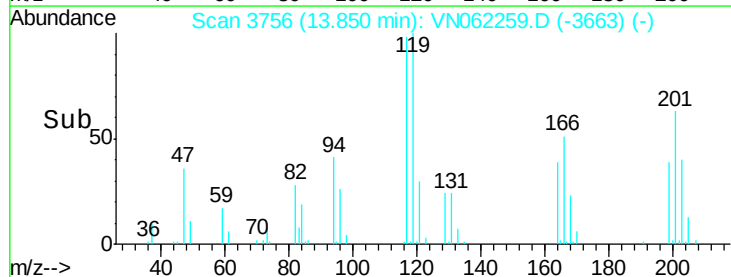
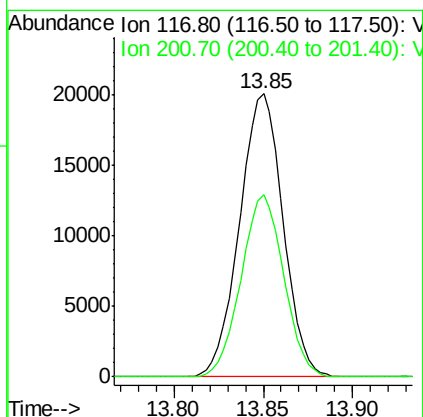
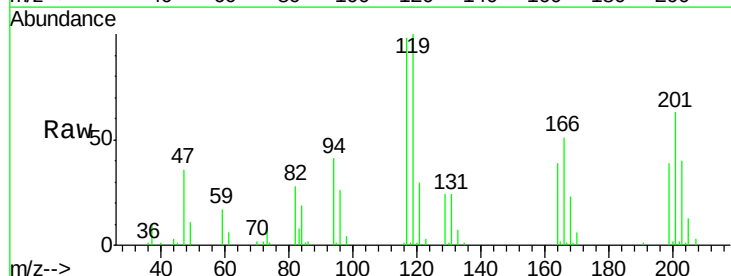
RT: 13.85 min Scan# 3756

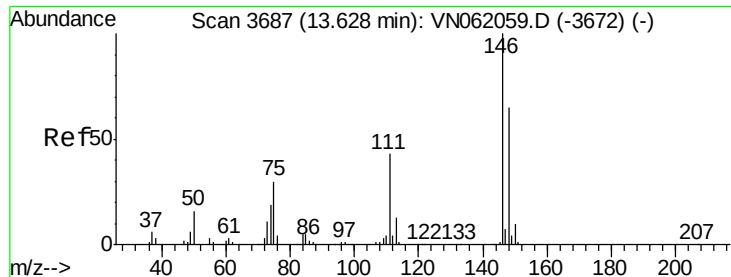
Delta R.T. -0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Tgt Ion:	117	Resp:	34088
Ion	Ratio	Lower	Upper
117	100		
201	63.0	32.7	98.1





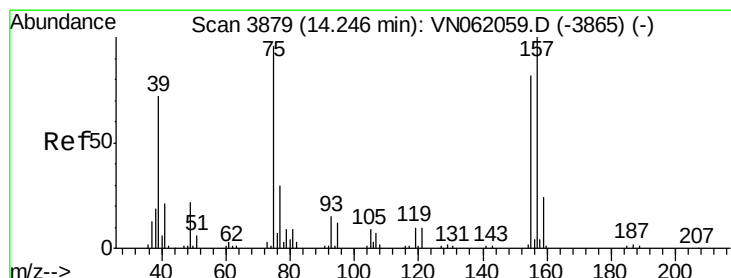
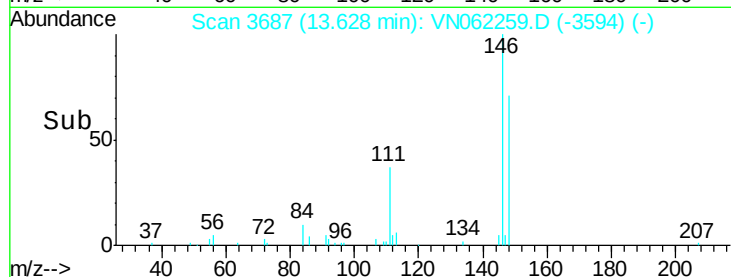
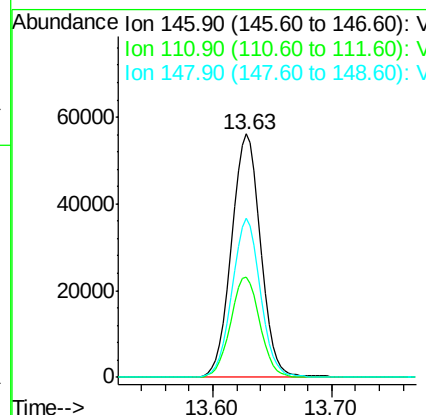
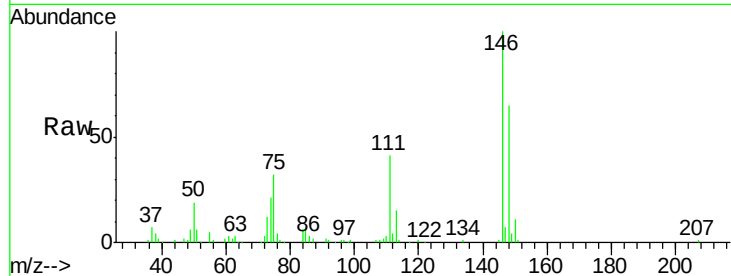
#91
 1,2-Dichlorobenzene
 Concen: 19.007 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062259.D
 Acq: 1 Jul 2020 00:17

Instrument :
 MSVOA_N
 ClientSampled :
 VN0630WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.2	63.6
148	63.9	31.9	95.5

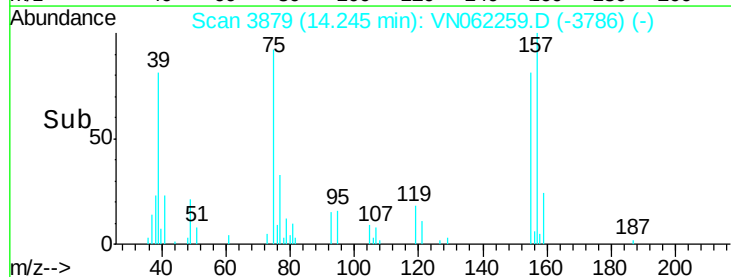
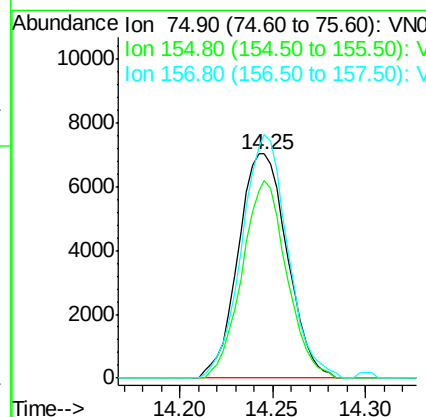
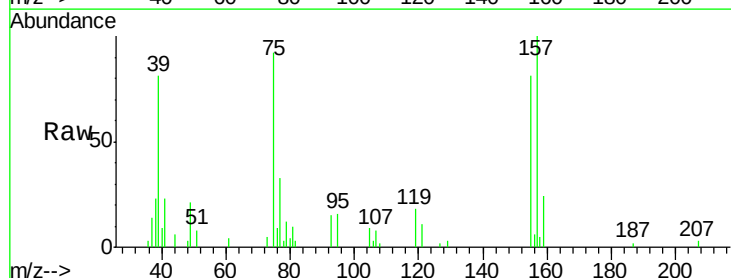
Manual Integrations
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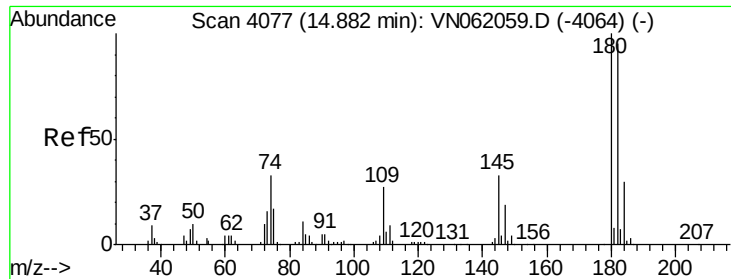
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 7/1/2020 11:04:23 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.432 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062259.D
 Acq: 1 Jul 2020 00:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.9	40.8	122.4
157	101.7	51.4	154.3





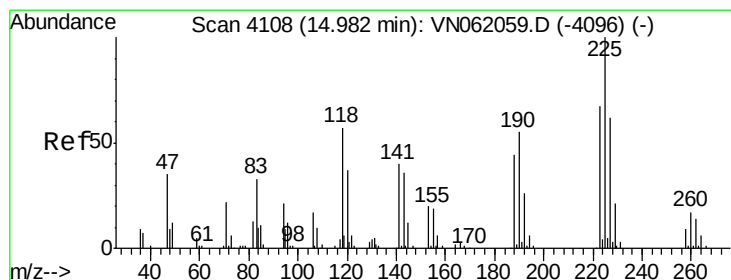
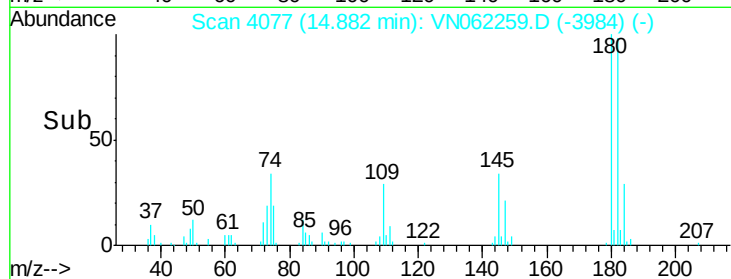
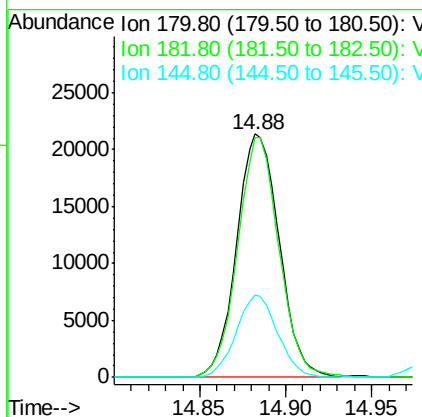
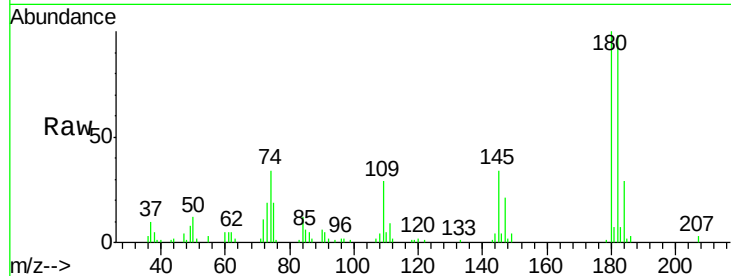
#93
 1,2,4-Trichlorobenzene
 Concen: 16.815 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062259.D
 Acq: 1 Jul 2020 00:17

Instrument :
 MSVOA_N
 ClientSampled :
 VN0630WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	36848		
182	95.8	48.0	144.2	
145	32.7	16.0	48.0	

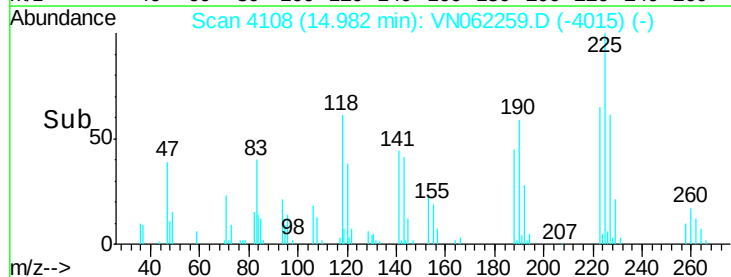
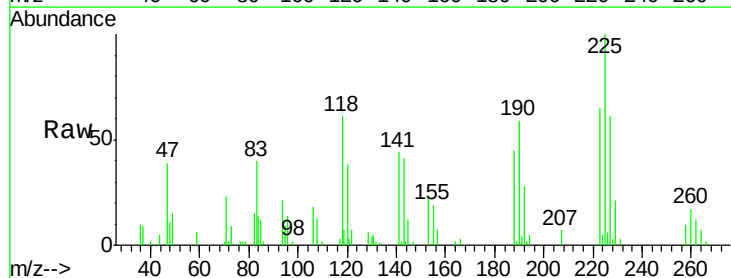
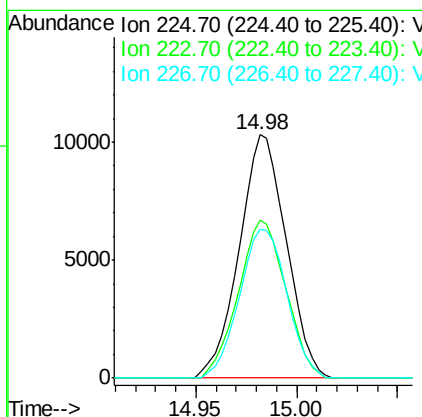
Manual Integrations
 APPROVED

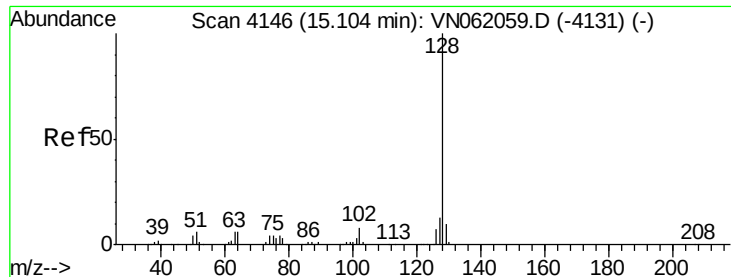
MMDadoda
 7/1/2020 11:04:23 AM



#94
 Hexachlorobutadiene
 Concen: 17.688 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062259.D
 Acq: 1 Jul 2020 00:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	16835		
223	65.4	32.9	98.7	
227	61.9	31.3	93.8	





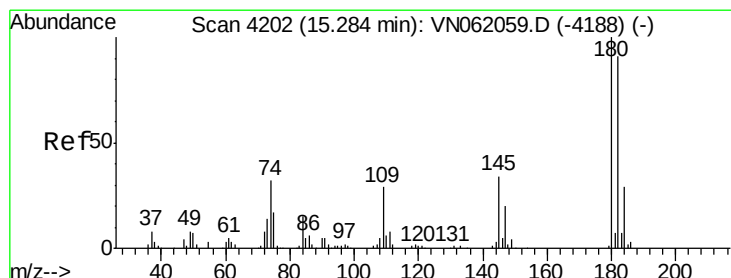
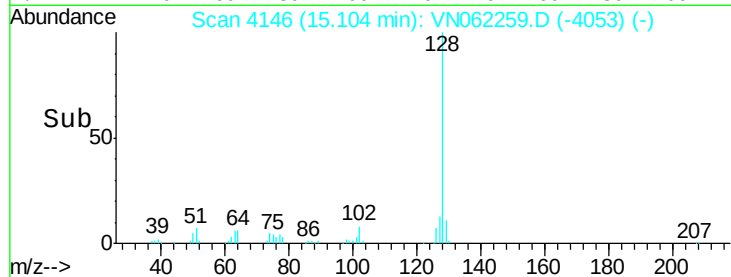
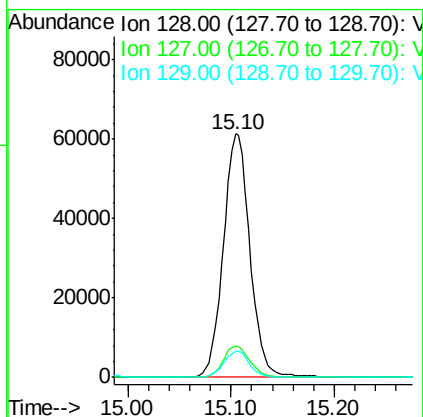
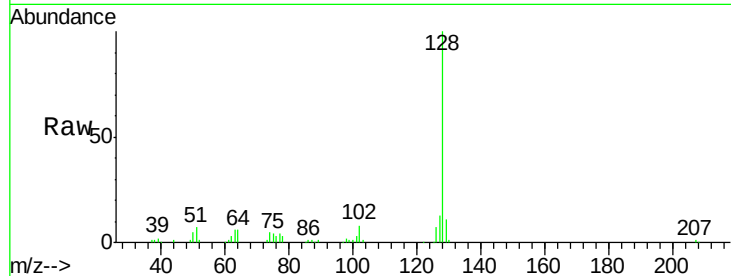
#95
Naphthalene
Concen: 17.851 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.5	15.7
129	10.5	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
7/1/2020 11:04:23 AM



#96
1,2,3-Trichlorobenzene
Concen: 17.923 ug/l
RT: 15.29 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	46.8	140.4
145	33.1	16.4	49.2

