

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
 Data File : VN062085.D
 Acq On : 25 Jun 2020 00:38
 Operator : JC/MD
 Sample : VN0624MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/25/2020 6:10:55 PM

Quant Time: Jun 25 05:45:47 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	244773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	446421	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	412944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	183092	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	163085	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	
35) Dibromofluoromethane	7.55	113	130865	45.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.38%	
50) Toluene-d8	10.06	98	527972	46.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.24%	
62) 4-Bromofluorobenzene	12.38	95	169255	43.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	50419	18.223	ug/l	100
3) Chloromethane	2.03	50	64888	19.094	ug/l	99
4) Vinyl Chloride	2.16	62	79513	18.249	ug/l	99
5) Bromomethane	2.53	94	46349	16.459	ug/l	99
6) Chloroethane	2.67	64	55344	18.595	ug/l	100
7) Trichlorofluoromethane	2.98	101	93299	17.378	ug/l	100
8) Diethyl Ether	3.37	74	35487	18.929	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	50394	17.925	ug/l	99
10) Methyl Iodide	3.91	142	49261	15.558	ug/l	99
11) Tert butyl alcohol	4.74	59	46752	94.796	ug/l	99
12) 1,1-Dichloroethene	3.70	96	51282	18.246	ug/l	99
13) Acrolein	3.57	56	38911	80.584	ug/l	97
14) Allyl chloride	4.27	41	70557	18.439	ug/l	99
15) Acrylonitrile	4.93	53	126557	94.167	ug/l	99
16) Acetone	3.78	43	103237	93.209	ug/l	99
17) Carbon Disulfide	4.01	76	152119	18.927	ug/l	98
18) Methyl Acetate	4.28	43	49506	18.130	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	168938	18.811	ug/l	98
20) Methylene Chloride	4.50	84	62583	19.716	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	56516	17.651	ug/l	90
22) Diisopropyl ether	5.90	45	160132	18.379	ug/l	98
23) Vinyl Acetate	5.84	43	657294	92.401	ug/l	99
24) 1,1-Dichloroethane	5.80	63	102809	18.324	ug/l	100
25) 2-Butanone	6.79	43	155214	92.446	ug/l	99
26) 2,2-Dichloropropane	6.78	77	70557	15.091	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	64999	18.041	ug/l	97
28) Bromochloromethane	7.15	49	43612	17.916	ug/l	99
29) Tetrahydrofuran	7.17	42	104540	95.053	ug/l	99
30) Chloroform	7.33	83	104735	18.348	ug/l	99
31) Cyclohexane	7.61	56	86935	18.318	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	88127	18.307	ug/l	100
36) 1,1-Dichloropropene	7.75	75	78460	17.485	ug/l	99
37) Ethyl Acetate	6.88	43	67840	18.258	ug/l	99
38) Carbon Tetrachloride	7.73	117	74054	17.505	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	82126	16.704	ug/l	99
40) Benzene	8.00	78	239281	17.495	ug/l	100
41) Methacrylonitrile	7.13	41	27314	15.856	ug/l	93
42) 1,2-Dichloroethane	8.08	62	81682	17.677	ug/l	100
43) Isopropyl Acetate	8.13	43	107689	17.779	ug/l	99
44) Trichloroethene	8.80	130	59856	17.349	ug/l	99
45) 1,2-Dichloropropane	9.08	63	61697	18.285	ug/l	100
46) Dibromomethane	9.17	93	39985	17.478	ug/l	99
47) Bromodichloromethane	9.37	83	83527	18.083	ug/l	99
48) Methyl methacrylate	9.17	41	47438	17.467	ug/l	99
49) 1,4-Dioxane	9.17	88	21122	350.706	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	328394	92.795	ug/l	98
52) Toluene	10.12	92	152485	18.273	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	84944	16.715	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	96181	17.777	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	59256	18.064	ug/l	98
56) Ethyl methacrylate	10.40	69	78089	17.838	ug/l	100
57) 1,3-Dichloropropane	10.68	76	101145	17.914	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	152217	92.511	ug/l	100
59) 2-Hexanone	10.72	43	234220	91.656	ug/l	99
60) Dibromochloromethane	10.87	129	62540	18.008	ug/l	96
61) 1,2-Dibromoethane	10.98	107	59000	17.504	ug/l	98
64) Tetrachloroethene	10.60	164	49475	17.539	ug/l	98
65) Chlorobenzene	11.41	112	160522	17.701	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	54870	17.498	ug/l	97
67) Ethyl Benzene	11.48	91	275294	17.975	ug/l	99
68) m/p-Xylenes	11.60	106	215009	36.296	ug/l	100
69) o-Xylene	11.92	106	100989	18.069	ug/l	99
70) Styrene	11.94	104	168494	18.077	ug/l	99
71) Bromoform	12.10	173	39732	17.821	ug/l #	97
73) Isopropylbenzene	12.22	105	264015	18.628	ug/l	100
74) N-amyl acetate	12.05	43	85714	18.674	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	85803	18.193	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	72396m	16.797	ug/l	
77) Bromobenzene	12.50	156	64120	18.223	ug/l	99
78) n-propylbenzene	12.56	91	297327	18.340	ug/l	98
79) 2-Chlorotoluene	12.65	91	179983	18.364	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	216189	18.817	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	23043	15.613	ug/l	92
82) 4-Chlorotoluene	12.75	91	182529	18.010	ug/l	99
83) tert-Butylbenzene	12.97	119	181910	18.501	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	215026	18.739	ug/l	100
85) sec-Butylbenzene	13.15	105	238125	18.328	ug/l	100
86) p-Isopropyltoluene	13.26	119	210456	18.489	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	111437	18.036	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	111302	17.475	ug/l	99
89) n-Butylbenzene	13.59	91	165560	17.494	ug/l	100
90) Hexachloroethane	13.85	117	38285	17.143	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	109522	18.279	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	15089	19.971	ug/l	96

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ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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QLast Update : Wed Jun 24 15:33:00 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	46815	17.886	ug/l	99
94) Hexachlorobutadiene	14.98	225	20458	17.996	ug/l	97
95) Naphthalene	15.11	128	136802	18.418	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	49321	18.428	ug/l	98

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

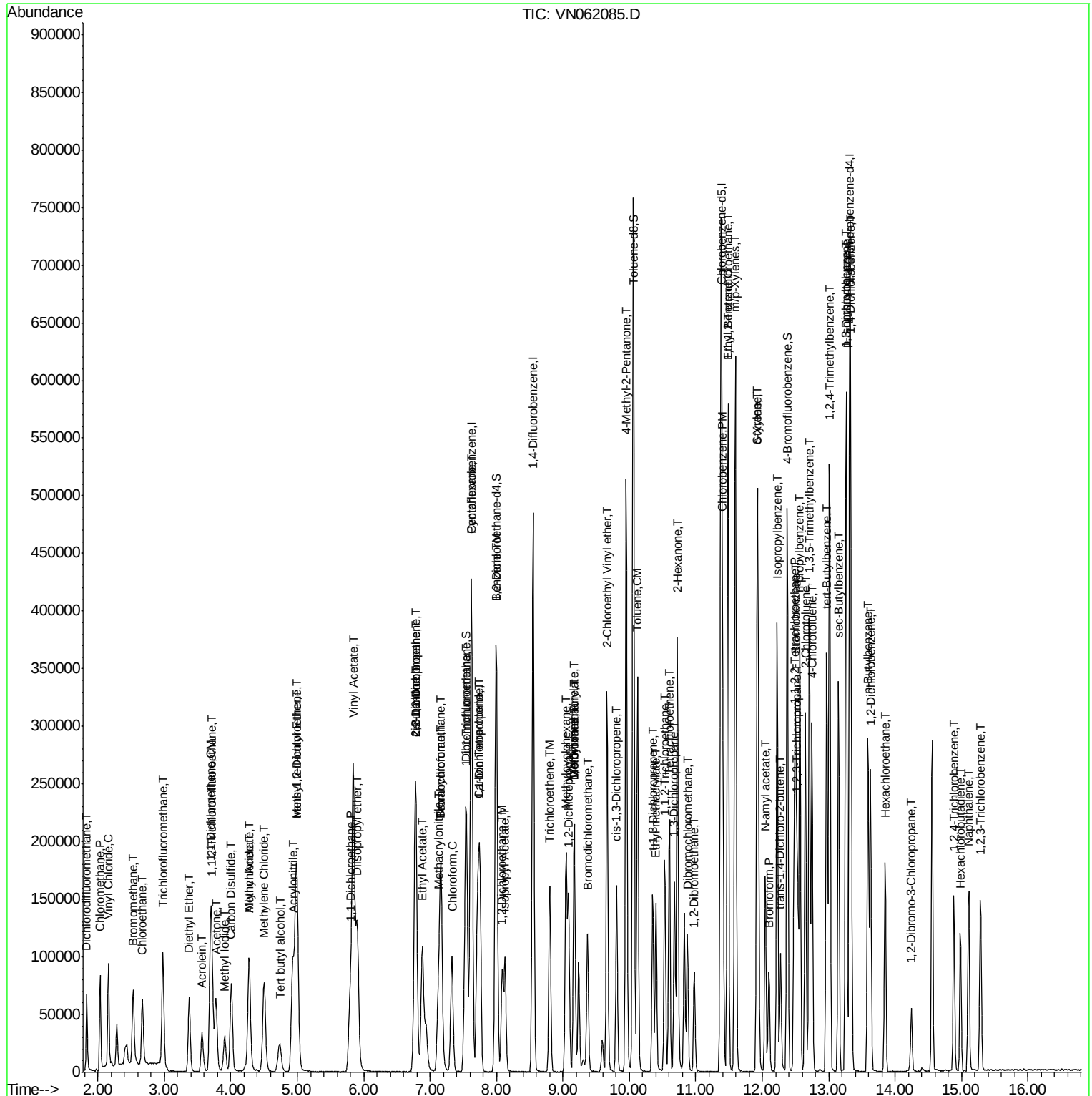
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Data File : VN062085.D
Acq On : 25 Jun 2020 00:38
Operator : JC/MD
Sample : VN0624MBSD01
Misc : 5.00µL/10mL/100µL/5.00mL/MSVOA_N/MEOH
ALS Vial : 35 Sample Multiplier: 1

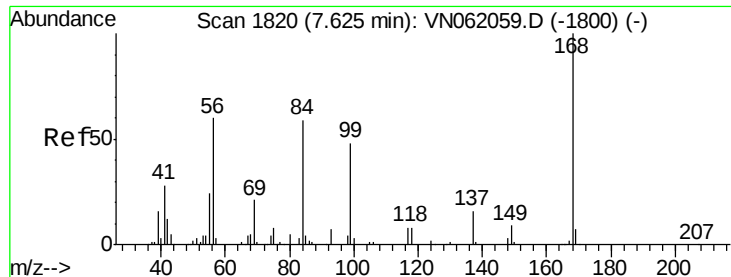
Instrument :
MSVOA_N
Client Sample ID :
VN0624MBSD01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

VN0624MBSD01

Tot Ion:168 Resp: 244773

Ion Ratio Lower Upper

168 100

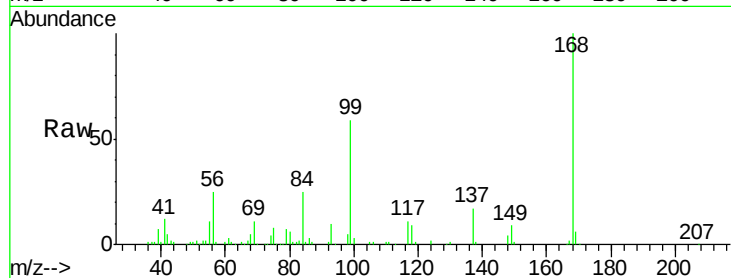
99 58.8 45.8 68.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

120000

100000

80000

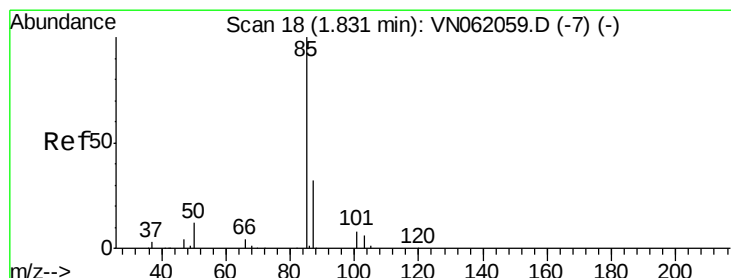
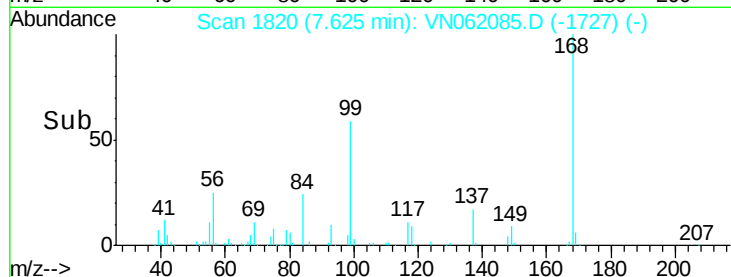
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.223 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062085.D

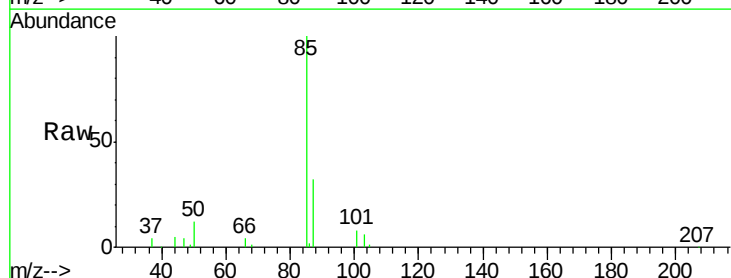
Acq: 25 Jun 2020 00:38

Tgt Ion: 85 Resp: 50419

Ion Ratio Lower Upper

85 100

87 32.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

40000

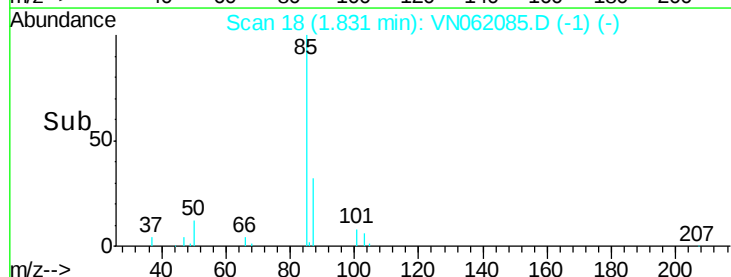
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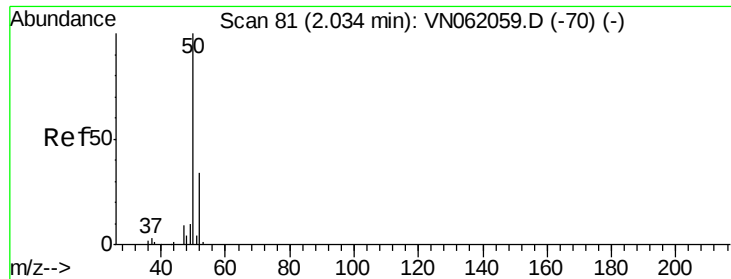
20000

10000

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Time-->





#3

Chloromethane

Concen: 19.094 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

VN0624MBSD01

Tot Ion: 50 Resp: 64888

Ion Ratio Lower Upper

50 100

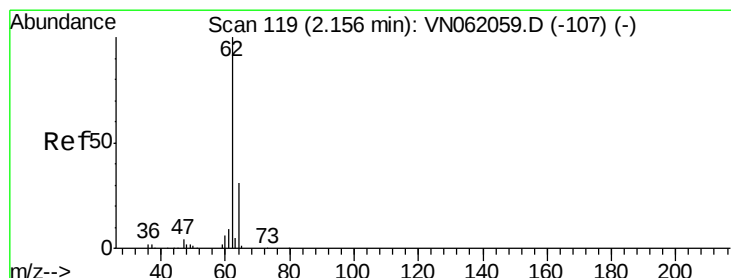
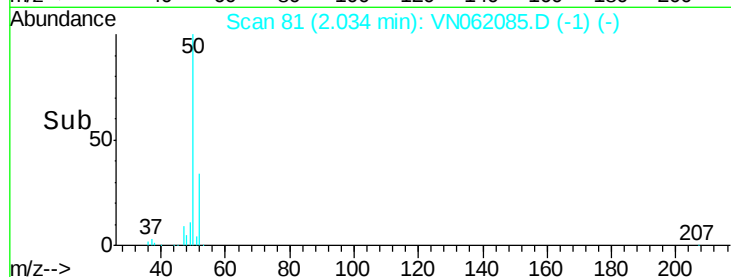
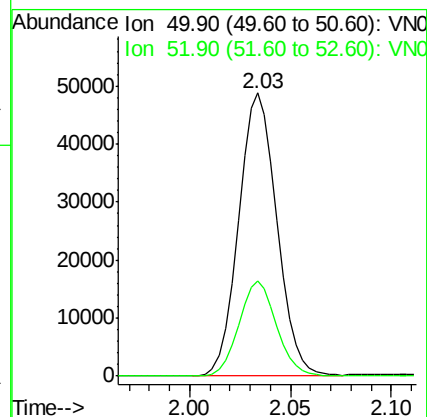
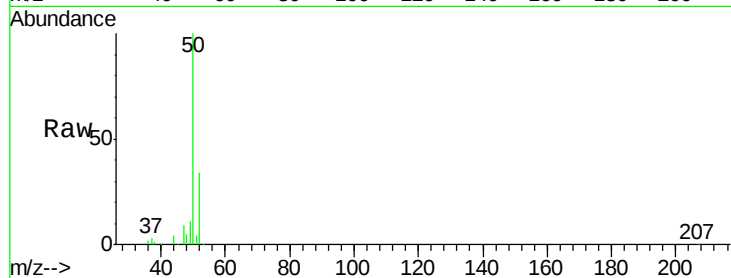
52 33.5 27.0 40.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.249 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062085.D

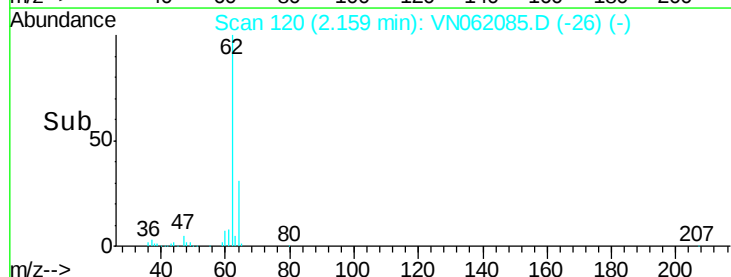
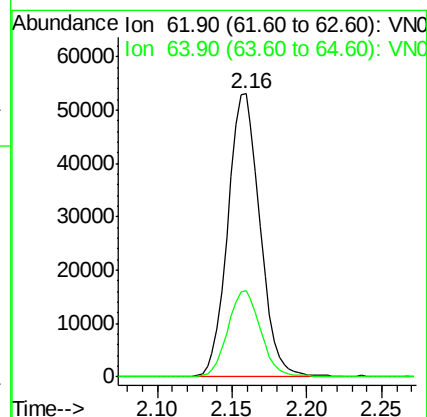
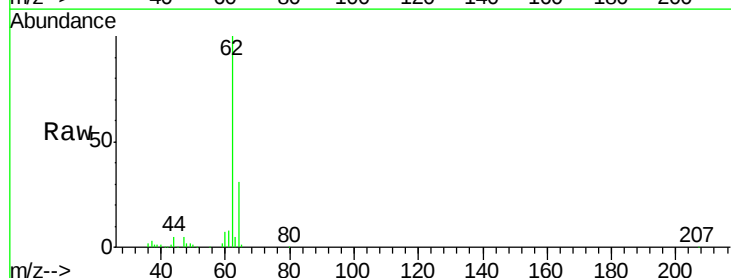
Acq: 25 Jun 2020 00:38

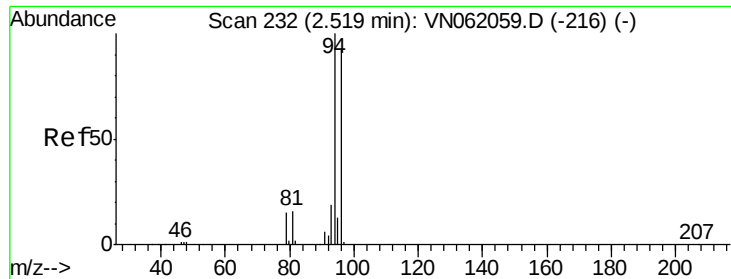
Tgt Ion: 62 Resp: 79513

Ion Ratio Lower Upper

62 100

64 30.6 25.1 37.7





#5

Bromomethane

Concen: 16.459 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.01 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

VN0624MBSD01

Tot Ion: 94 Resp: 46349

Ion Ratio Lower Upper

94 100

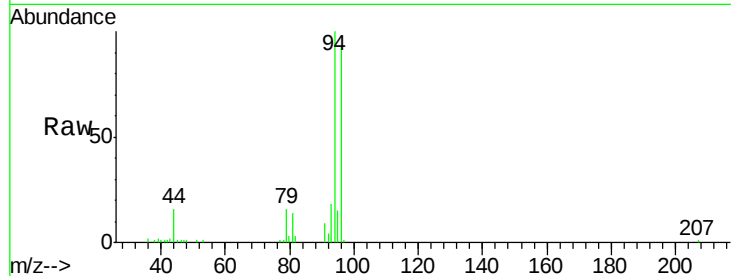
96 93.2 73.4 110.2

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN062085.D (-139) (-)

Ion 95.90 (95.60 to 96.60): VN062085.D (-139) (-)

25000

20000

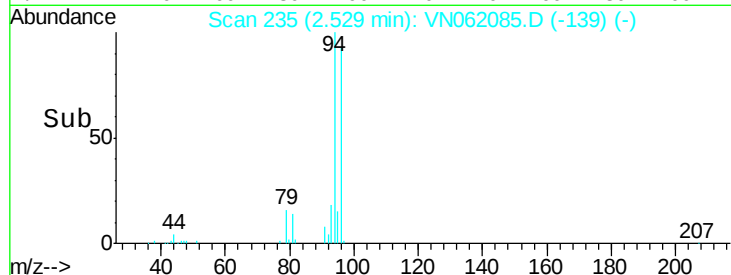
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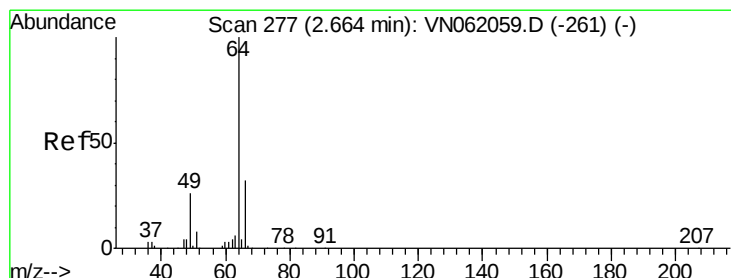
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Time-->



Time-->



#6

Chloroethane

Concen: 18.595 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.01 min

Lab File: VN062085.D

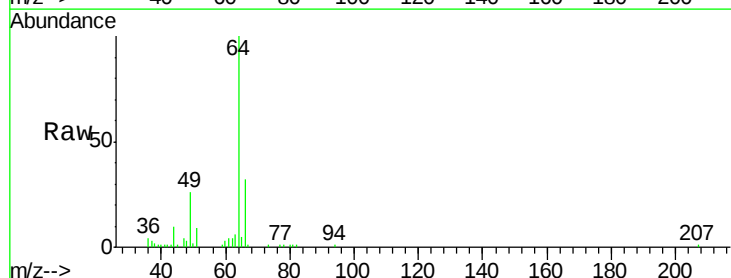
Acq: 25 Jun 2020 00:38

Tgt Ion: 64 Resp: 55344

Ion Ratio Lower Upper

64 100

66 31.9 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN062085.D (-184) (-)

Ion 65.90 (65.60 to 66.60): VN062085.D (-184) (-)

30000

25000

20000

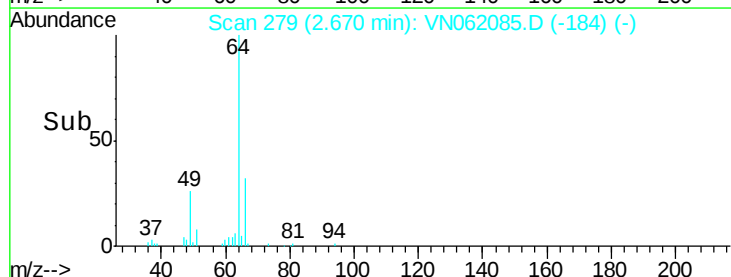
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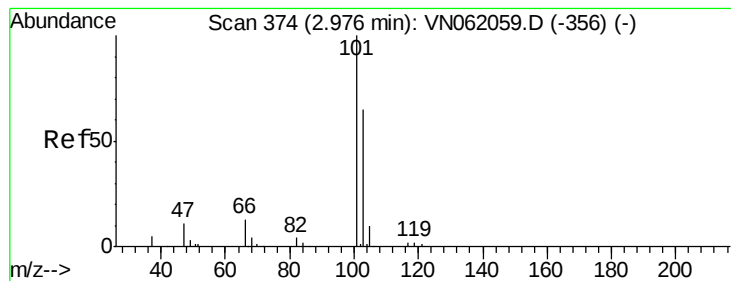
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Time-->



Time-->



#7

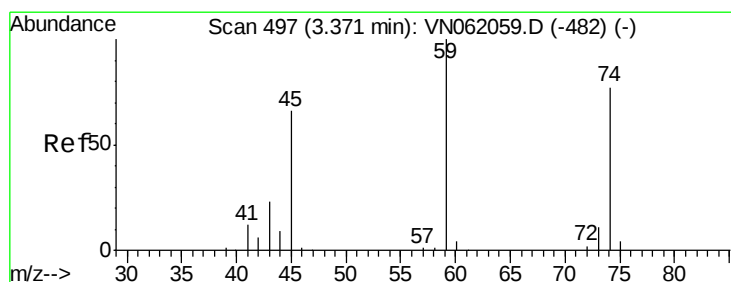
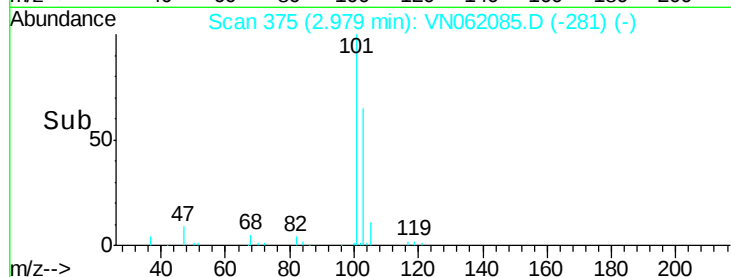
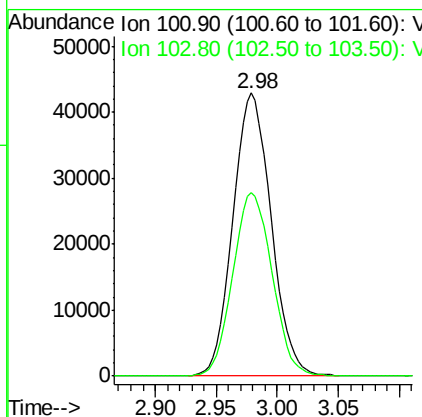
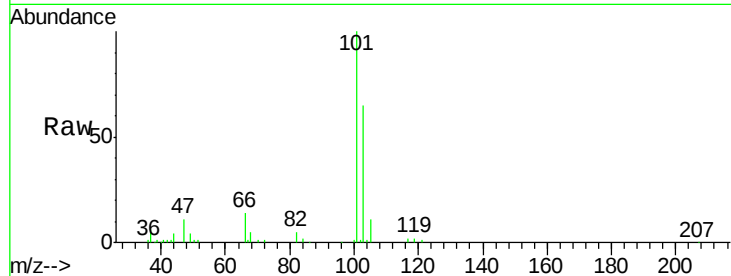
Trichlorofluoromethane
 Concen: 17.378 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN062085.D
 Acq: 25 Jun 2020 00:38

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	51.8	77.6

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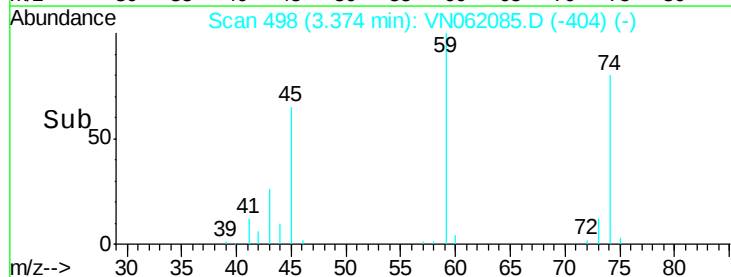
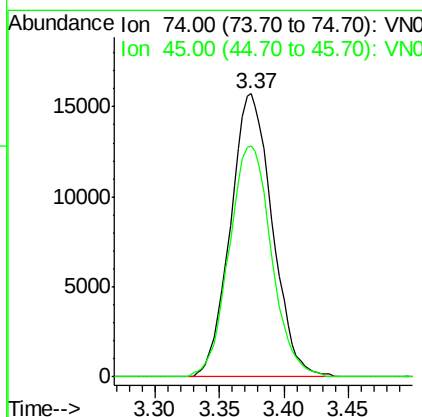
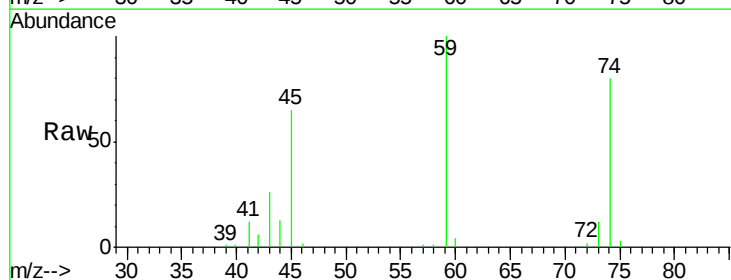
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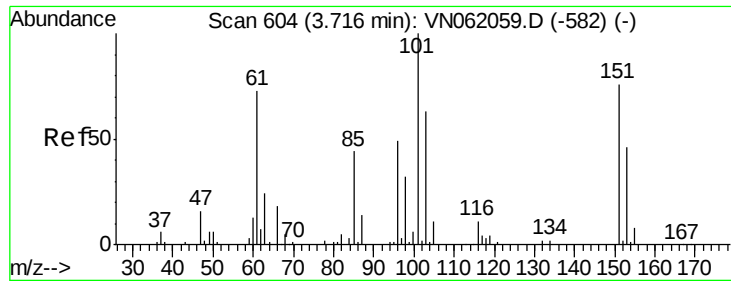


#8

Diethyl Ether
 Concen: 18.929 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062085.D
 Acq: 25 Jun 2020 00:38

Tgt Ion	Ratio	Lower	Upper
74	100		
45	82.7	42.5	127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.925 ug/l

RT: 3.72 min Scan# 606

Delta R.T. 0.01 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

Instrument :

MSVOA_N

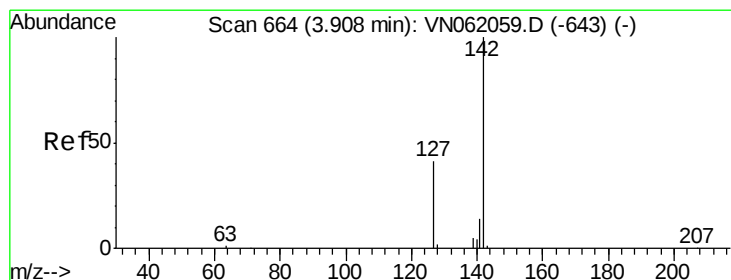
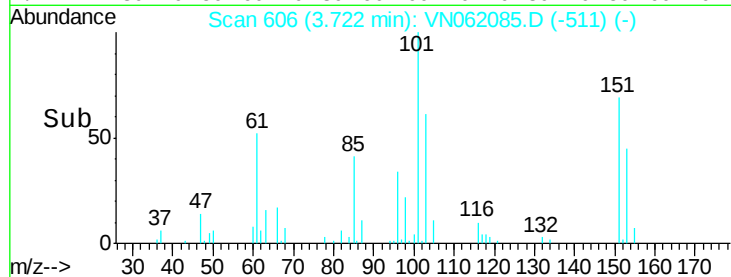
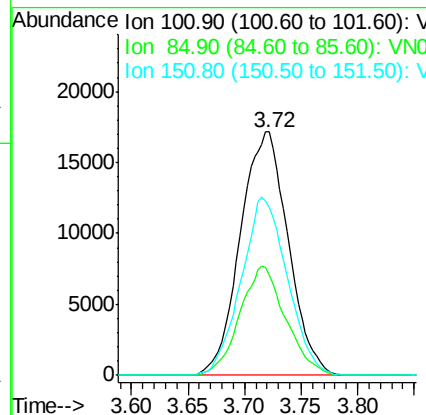
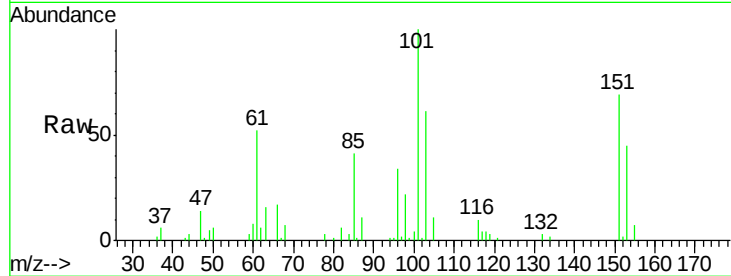
ClientSampleId :

VN0624MBSD01

Tot Ion:	101	Resp:	50394
Ion Ratio	Lower	Upper	
101	100		
85	42.8	34.5	51.7
151	70.8	57.8	86.8

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#10

Methyl Iodide

Concen: 15.558 ug/l

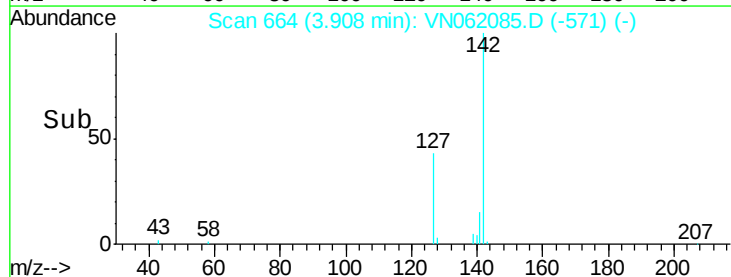
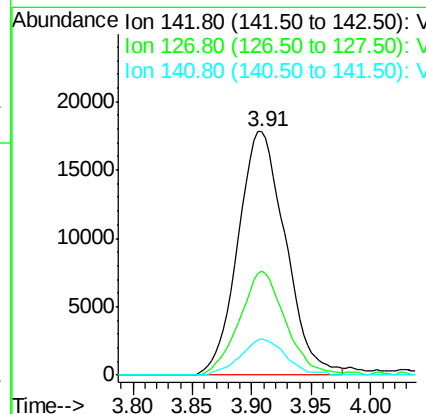
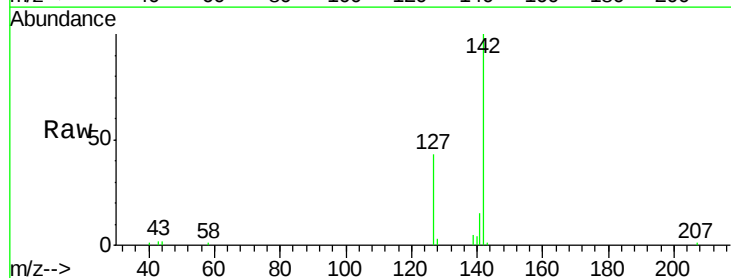
RT: 3.91 min Scan# 664

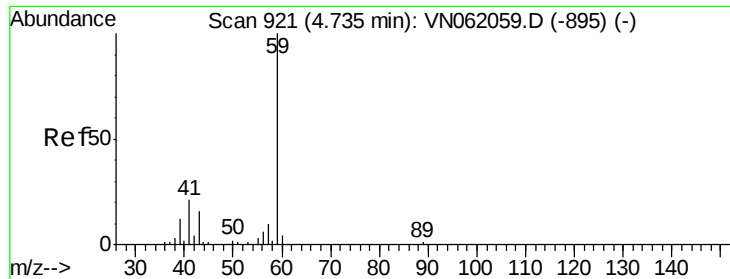
Delta R.T. -0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

Tgt Ion:	142	Resp:	49261
Ion Ratio	Lower	Upper	
142	100		
127	41.2	33.6	50.4
141	13.8	11.3	16.9





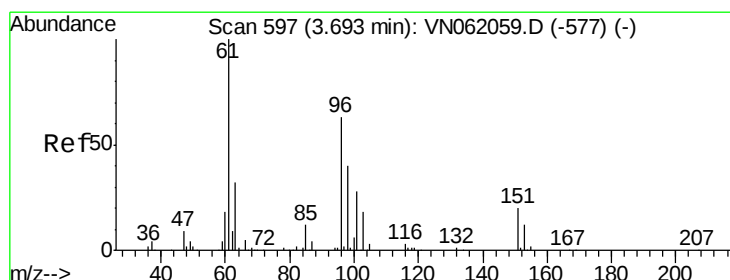
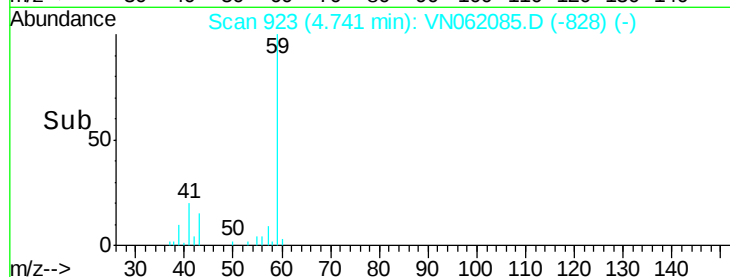
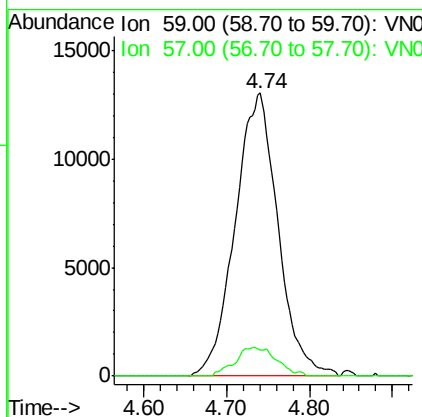
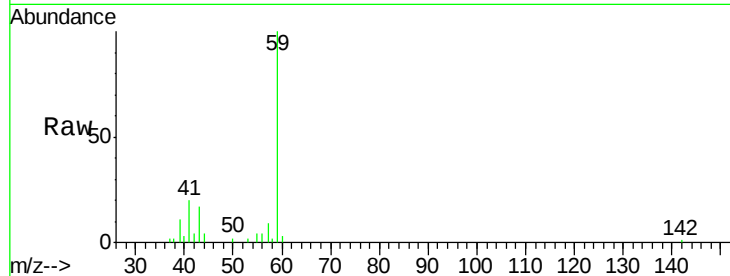
#11
Tert butyl alcohol
Concen: 94.796 ug/l
RT: 4.74 min Scan# 923
Delta R.T. 0.01 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Instrument :
MSVOA_N
ClientSampleId :
VN0624MBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.3	12.5

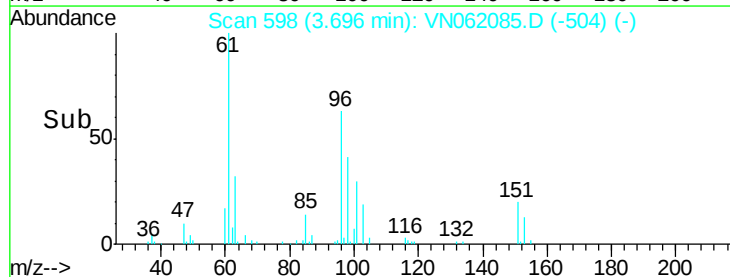
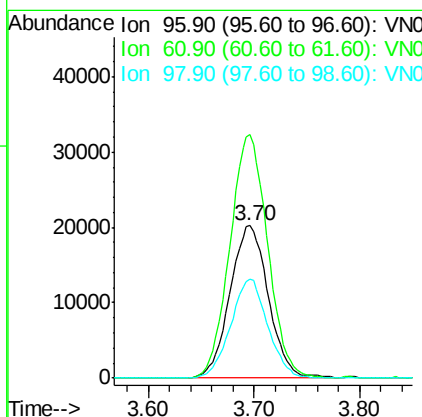
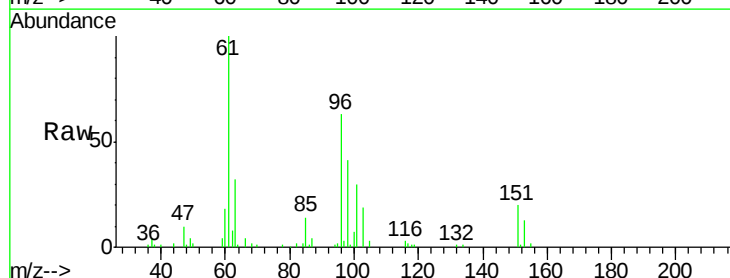
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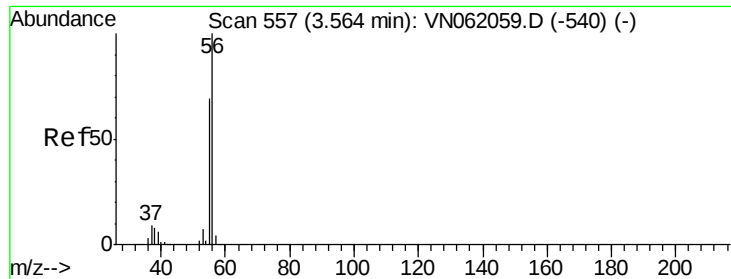
MMDadoda
6/25/2020 6:10:55 PM



#12
1,1-Dichloroethene
Concen: 18.246 ug/l
RT: 3.70 min Scan# 598
Delta R.T. 0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.5	126.7	190.1
98	64.7	51.0	76.4





#13

Acrolein

Concen: 80.584 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

Instrument :

MSVOA_N

ClientSampled :

VN0624MBSD01

Tot Ion: 56 Resp: 38911

Ion Ratio Lower Upper

56 100

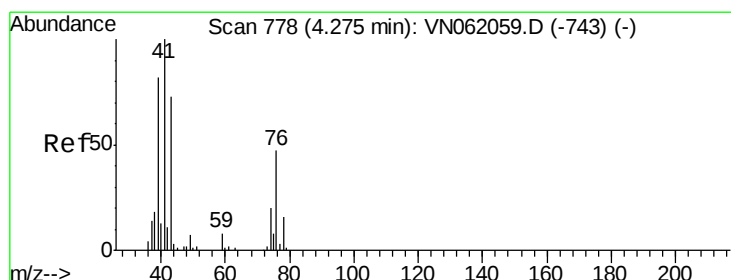
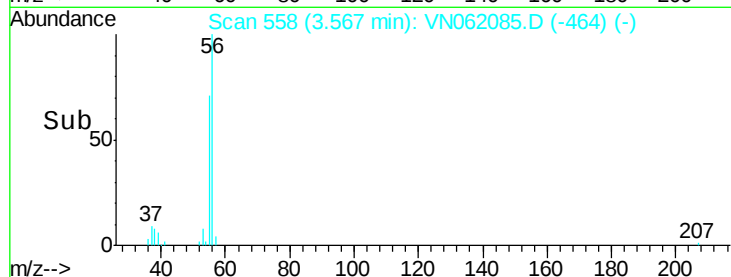
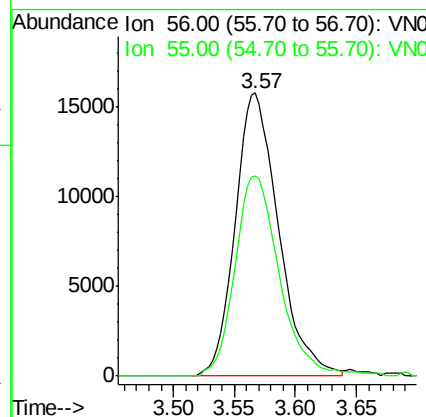
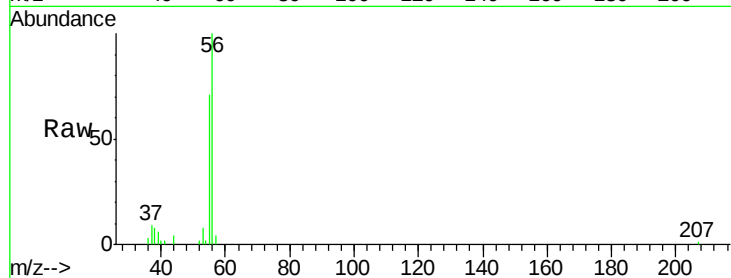
55 72.2 55.5 83.3

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#14

Allyl chloride

Concen: 18.439 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

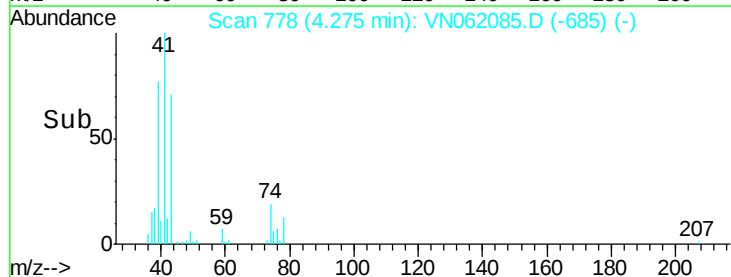
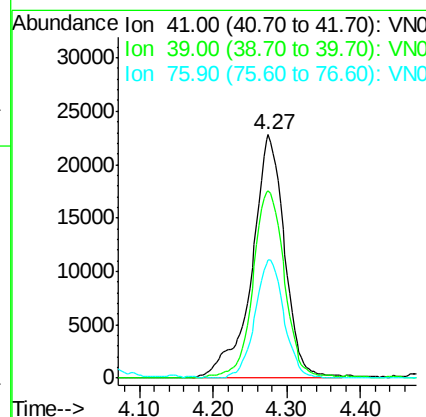
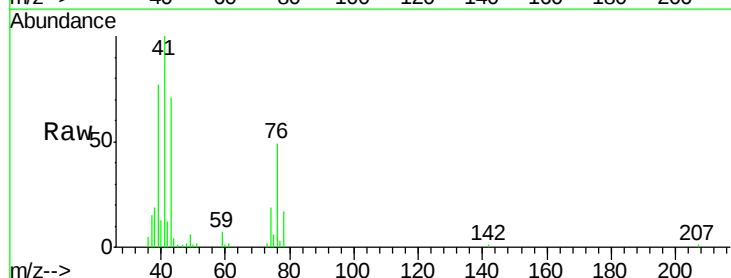
Tgt Ion: 41 Resp: 70557

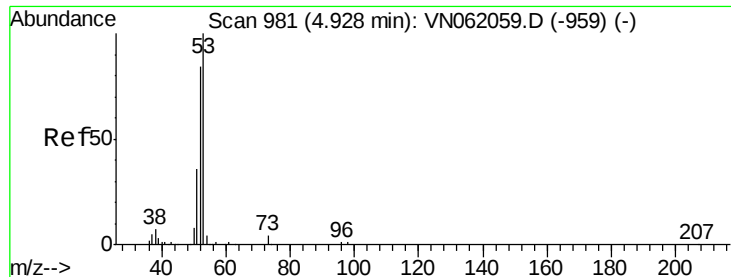
Ion Ratio Lower Upper

41 100

39 73.8 60.0 90.0

76 42.8 34.1 51.1





#15

Acrylonitrile

Concen: 94.167 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.01 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

Instrument :

MSVOA_N

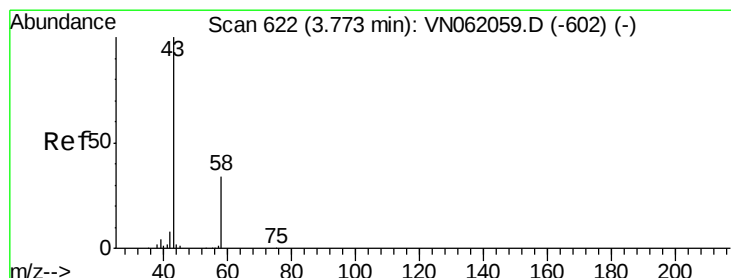
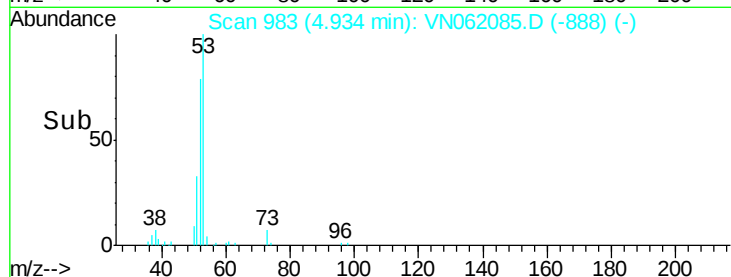
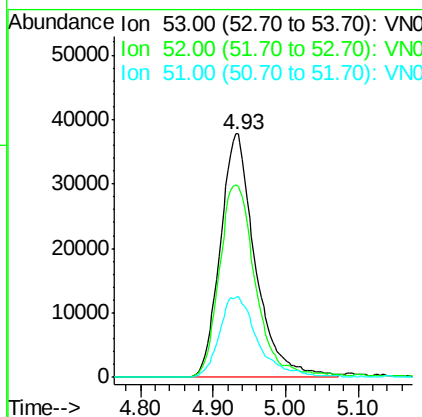
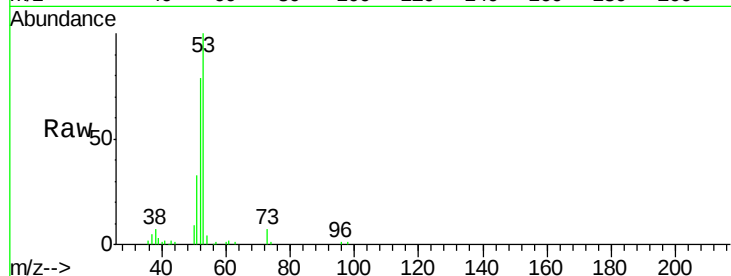
ClientSampleId :

VN0624MBSD01

Tot Ion:	53	Resp:	126557
Ion Ratio		Lower	Upper
53	100		
52	81.4	66.2	99.4
51	36.5	28.9	43.3

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#16

Acetone

Concen: 93.209 ug/l

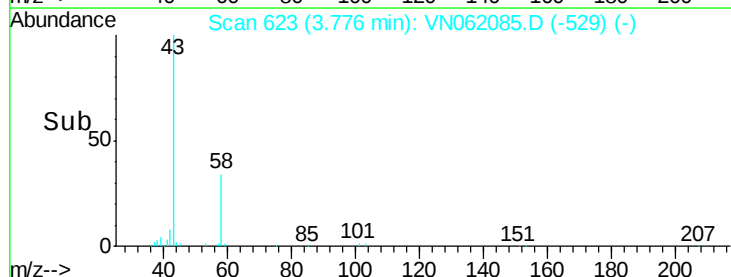
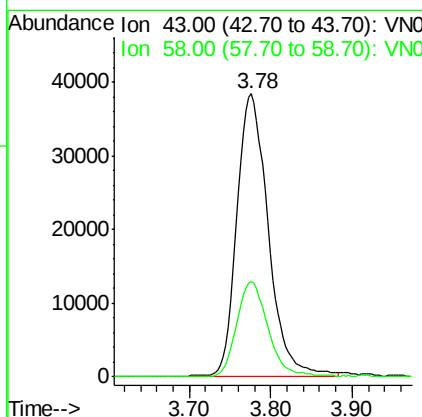
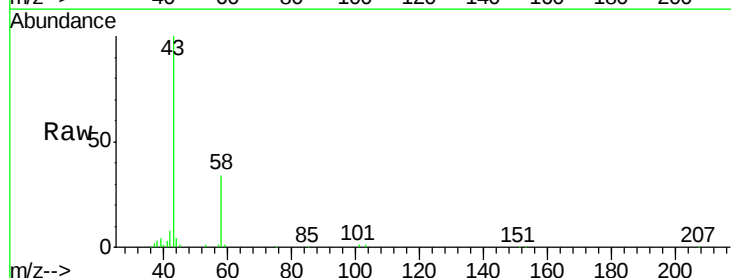
RT: 3.78 min Scan# 623

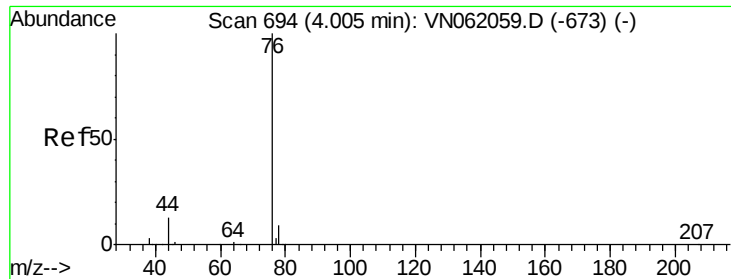
Delta R.T. 0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

Tgt Ion:	43	Resp:	103237
Ion Ratio		Lower	Upper
43	100		
58	33.8	27.5	41.3





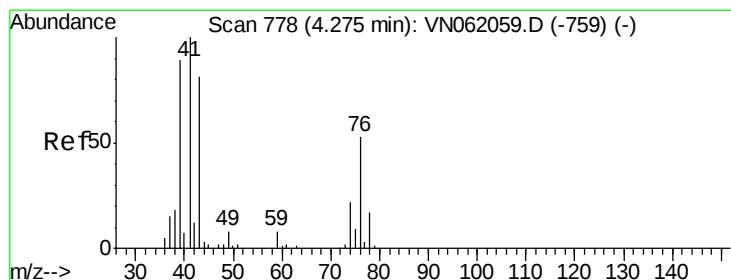
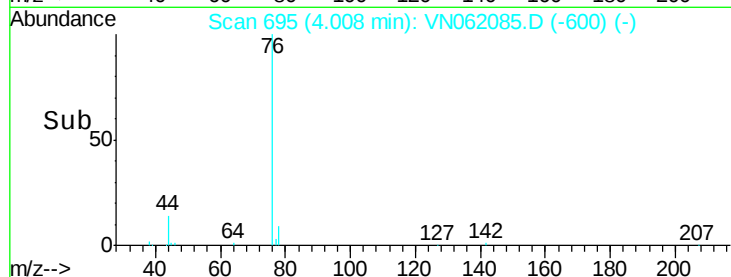
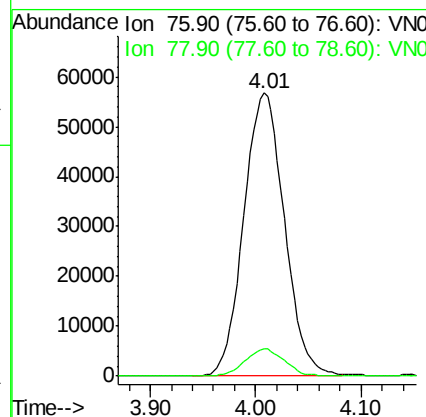
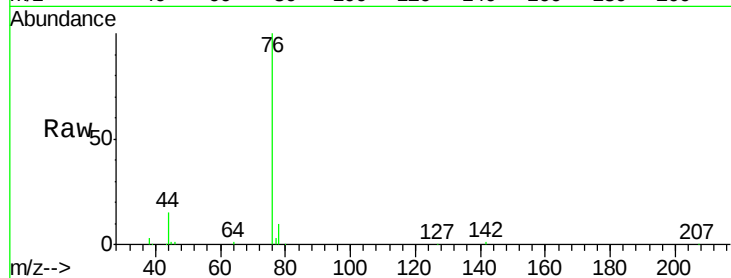
#17
Carbon Disulfide
Concen: 18.927 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Instrument :
MSVOA_N
ClientSampleId :
VN0624MBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.9	7.2	10.8

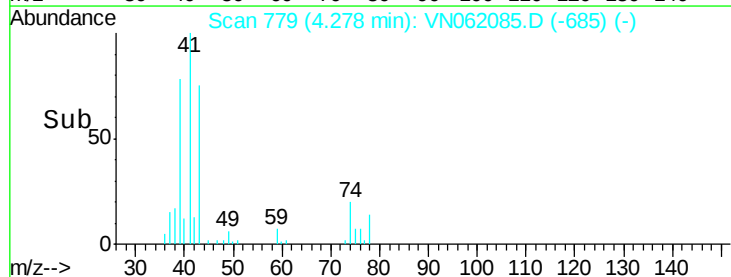
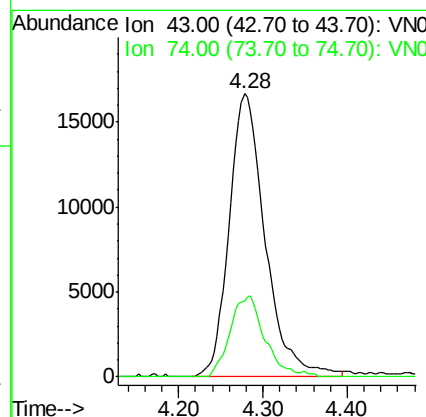
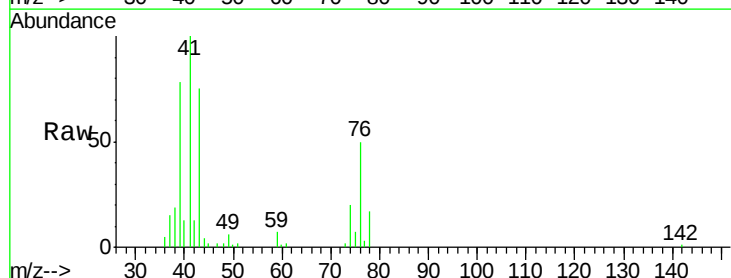
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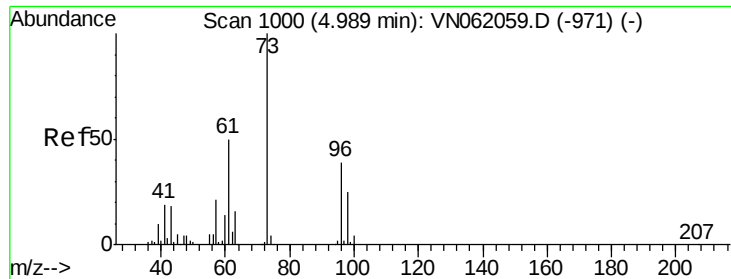
MMDadoda
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#18
Methyl Acetate
Concen: 18.130 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.1	22.9	34.3





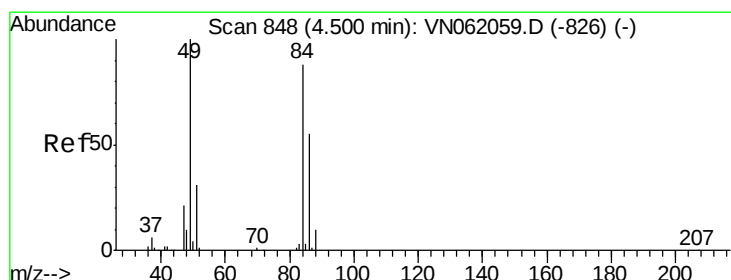
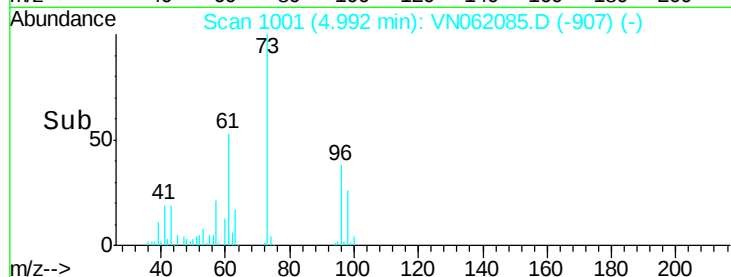
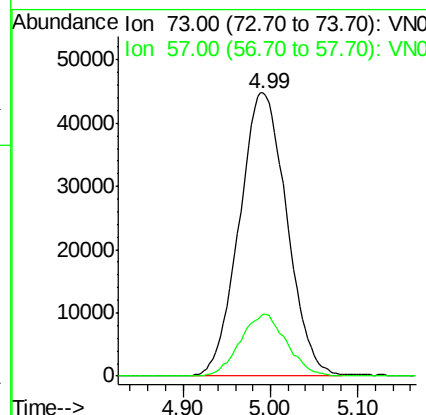
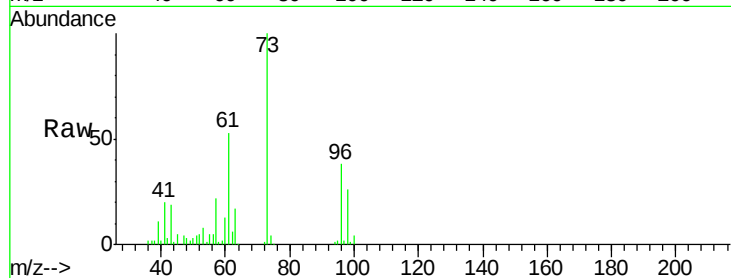
#19
Methvl tert-butvl Ether
Concen: 18.811 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Instrument :
MSVOA_N
ClientSampleId :
VN0624MBSD01

Tot Ion: 73 Resp: 168938
Ion Ratio Lower Upper
73 100
57 21.8 16.6 24.8

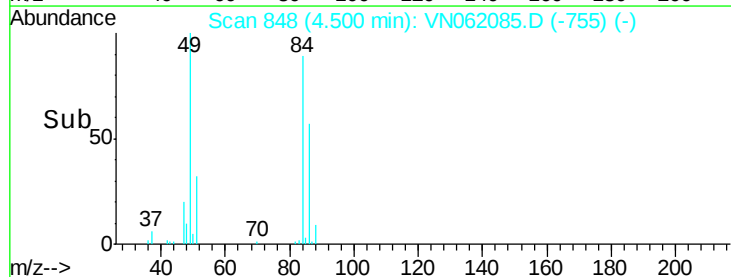
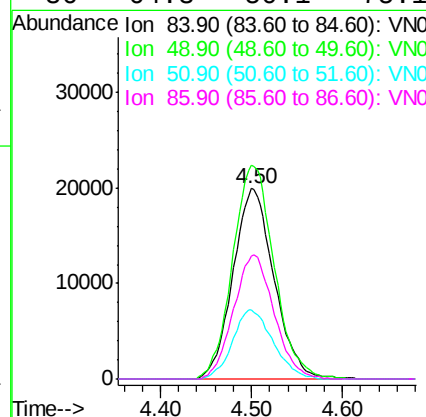
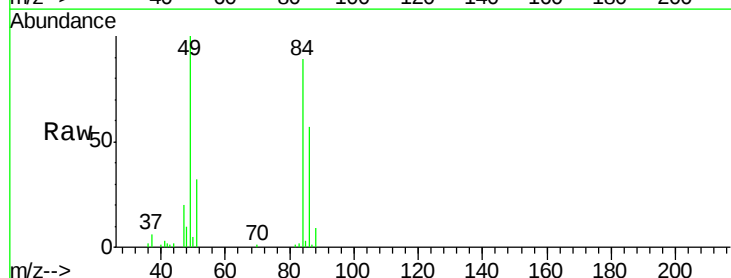
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#20
Methylene Chloride
Concen: 19.716 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Tgt Ion: 84 Resp: 62583
Ion Ratio Lower Upper
84 100
49 112.0 90.6 136.0
51 36.4 27.8 41.8
86 64.3 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 17.651 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

VN0624MBSD01

Tot Ion: 96 Resp: 56516

Ion Ratio Lower Upper

96 100

61 139.8 101.4 152.2

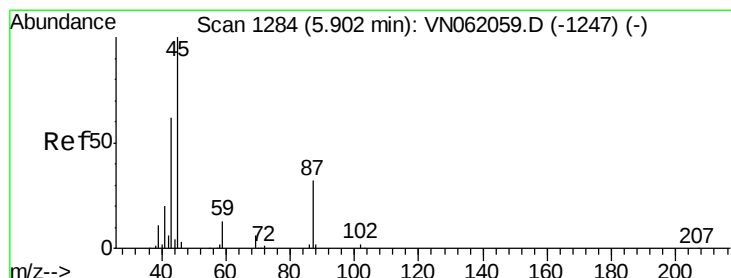
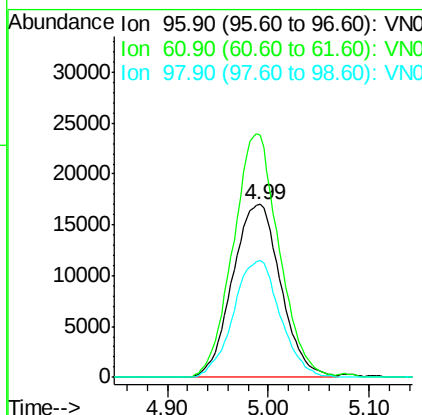
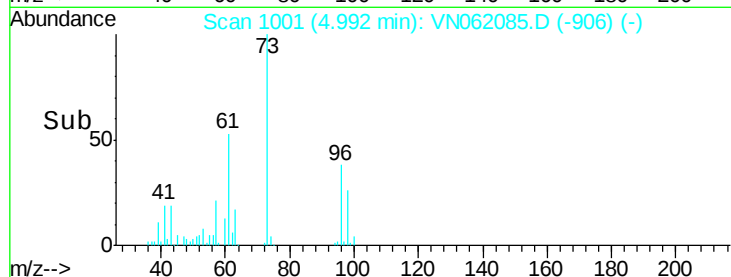
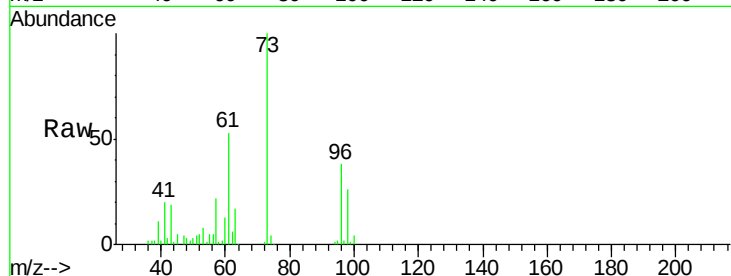
98 67.8 49.3 73.9

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#22

Diisopropyl ether

Concen: 18.379 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

Tgt Ion: 45 Resp: 160132

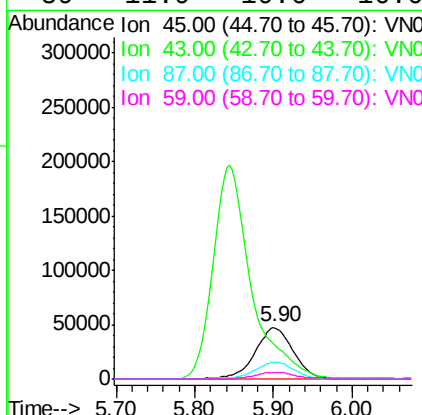
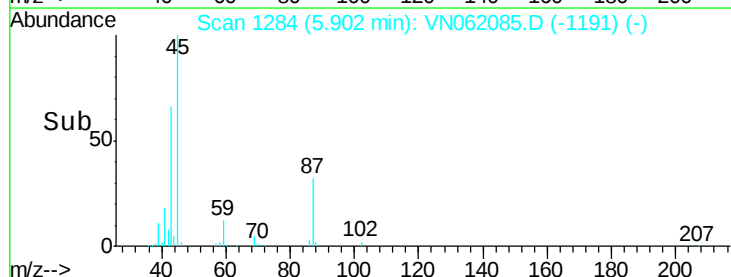
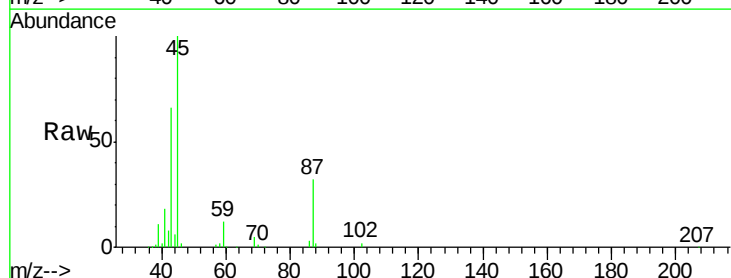
Ion Ratio Lower Upper

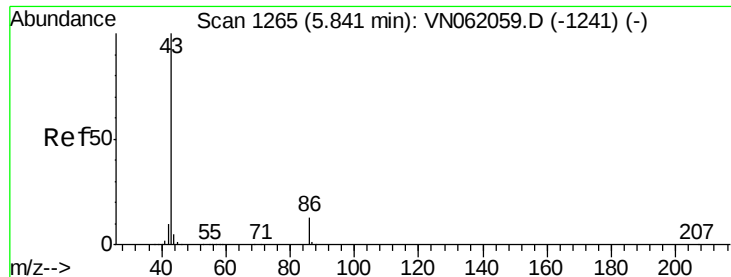
45 100

43 63.3 49.7 74.5

87 31.9 25.9 38.9

59 11.9 10.6 16.0





#23

Vinyl Acetate

Concen: 92.401 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

VN0624MBSD01

Tot Ion: 43 Resp: 657294

Ion Ratio Lower Upper

43 100

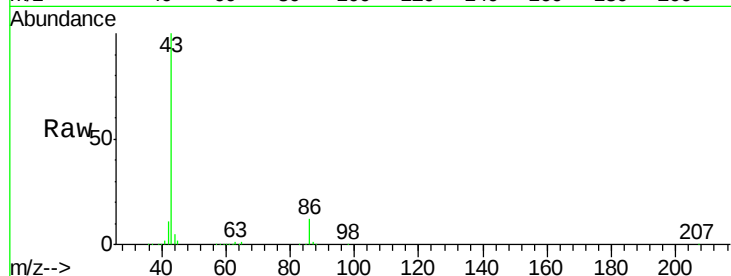
86 12.0 10.1 15.1

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Abundance Ion 43.00 (42.70 to 43.70): VN062085.D (-1172) (-)

Ion 86.00 (85.70 to 86.70): VN062085.D (-1172) (-)

5.84

200000

150000

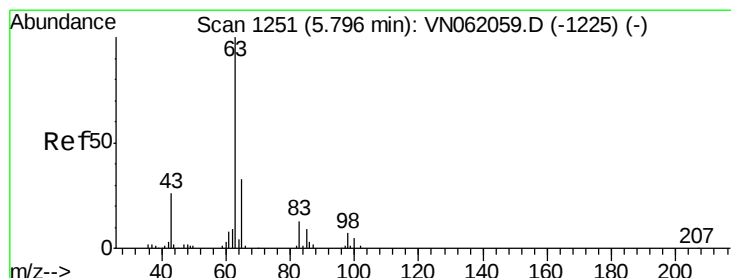
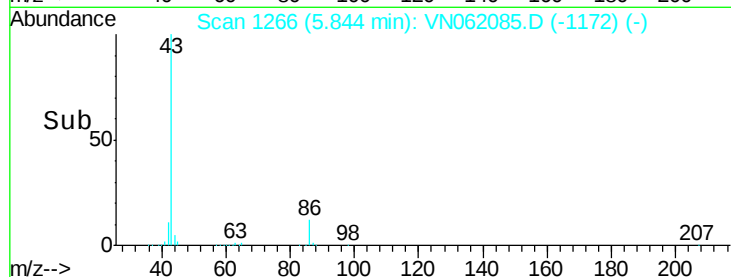
100000

50000

0

5.70 5.80 5.90 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 18.324 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

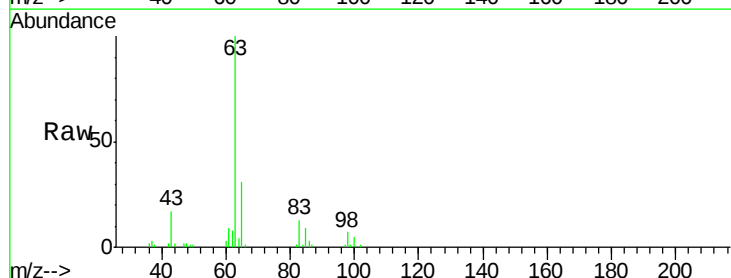
Tgt Ion: 63 Resp: 102809

Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.9

100 4.9 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VN062085.D (-1158) (-)

Ion 97.90 (97.60 to 98.60): VN062085.D (-1158) (-)

Ion 99.90 (99.60 to 100.60): VN062085.D (-1158) (-)

5.80

40000

30000

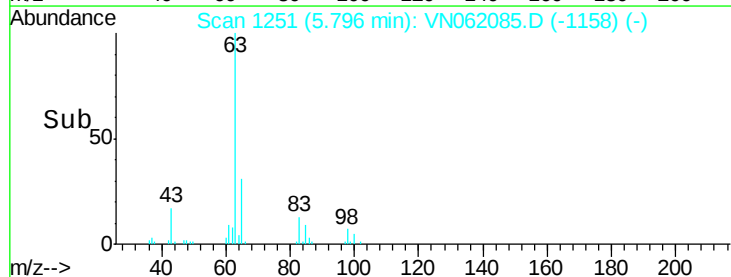
20000

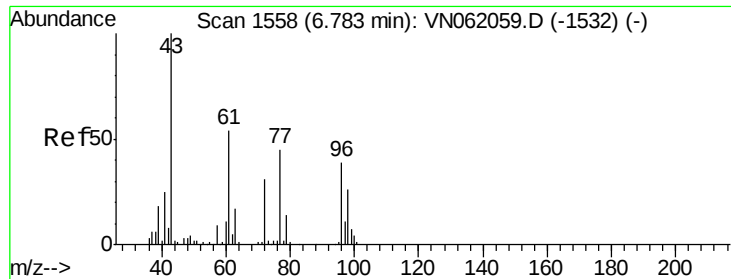
10000

0

5.70 5.80 5.90

Time-->





#25

2-Butanone

Concen: 92.446 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

VN0624MBSD01

Tot Ion: 43 Resp: 155214

Ion Ratio Lower Upper

43 100

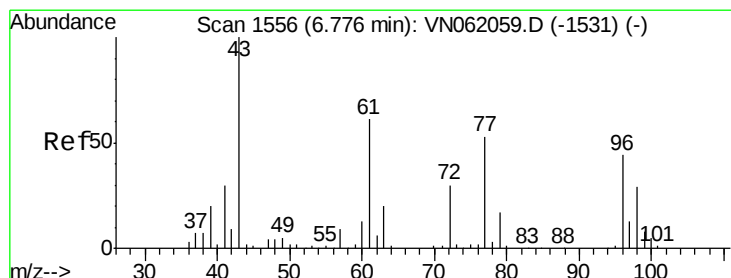
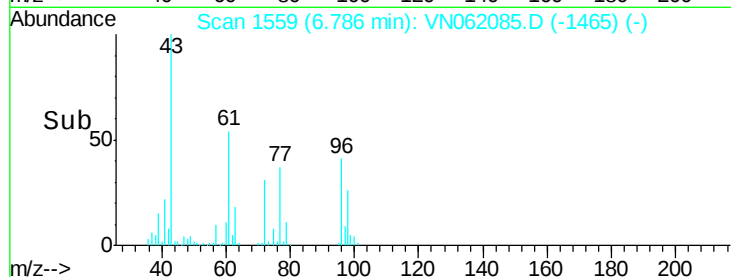
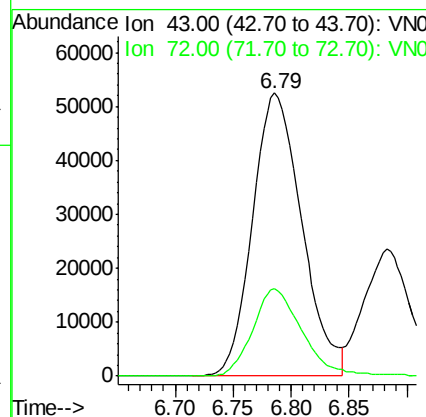
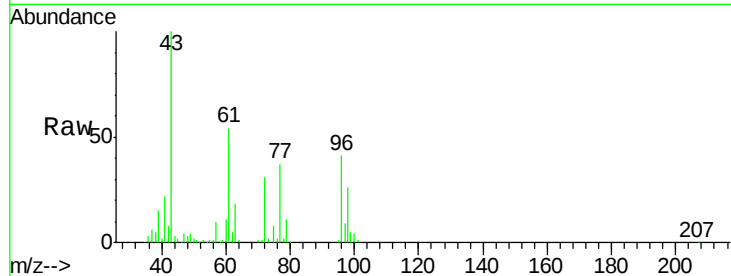
72 30.7 24.8 37.2

Manual Integrations

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MMDadoda

6/25/2020 6:10:55 PM



#26

2,2-Dichloropropane

Concen: 15.091 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN062085.D

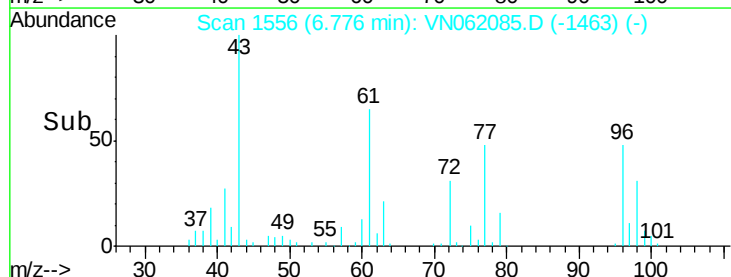
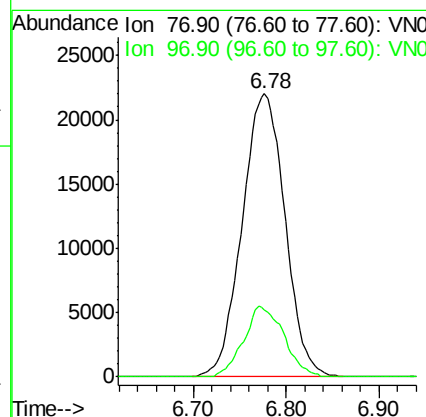
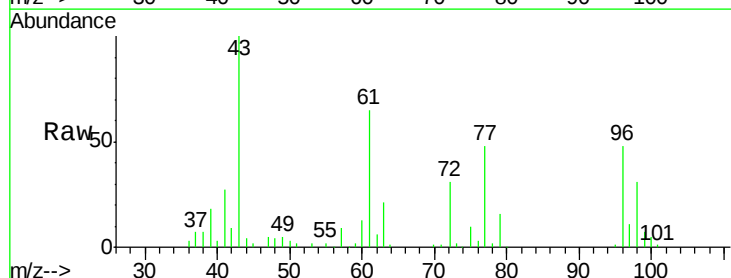
Acq: 25 Jun 2020 00:38

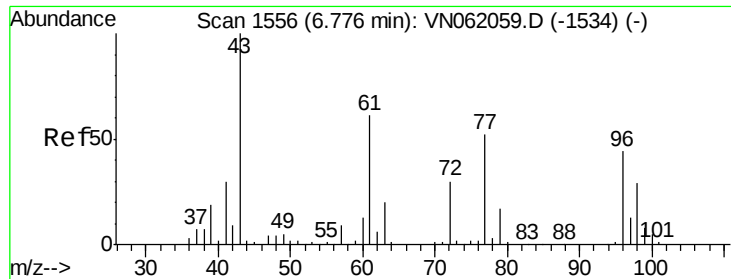
Tgt Ion: 77 Resp: 70557

Ion Ratio Lower Upper

77 100

97 23.4 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 18.041 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

Instrument :

MSVOA_N

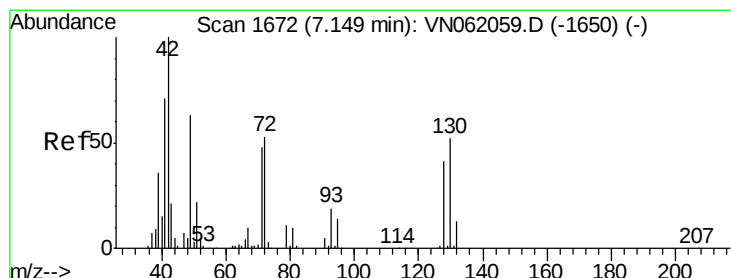
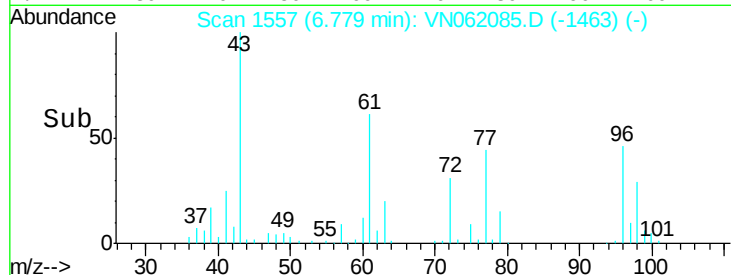
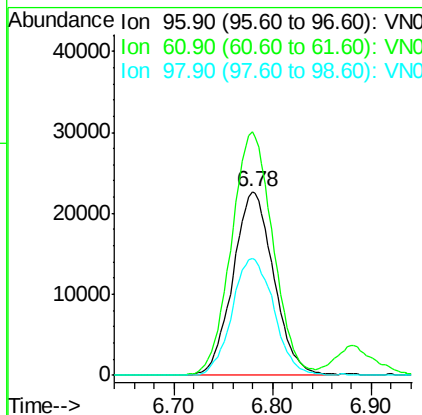
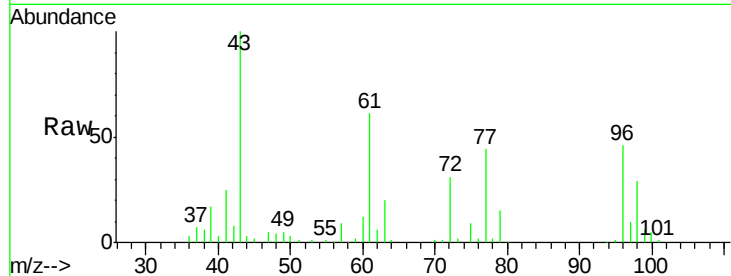
ClientSampleId :

VN0624MBSD01

Tot Ion:	96	Resp:	64999
Ion	Ratio	Lower	Upper
96	100		
61	135.4	0.0	280.4
98	65.3	0.0	129.4

Manual Integrations
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6/25/2020 6:10:55 PM



#28

Bromochloromethane

Concen: 17.916 ug/l

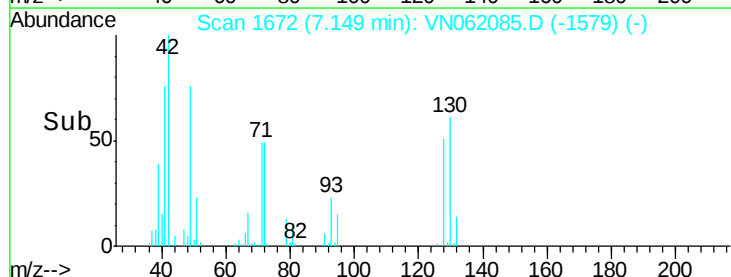
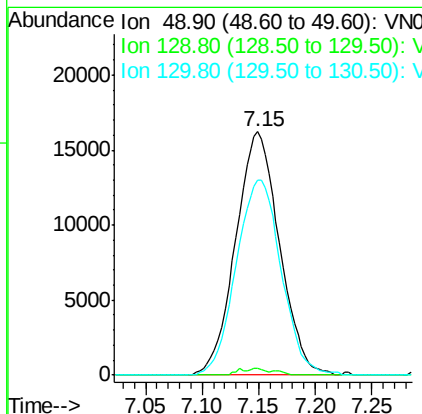
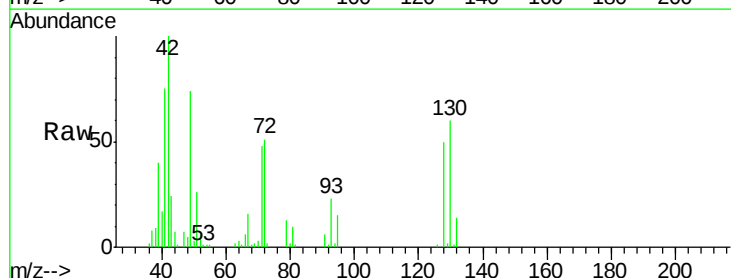
RT: 7.15 min Scan# 1672

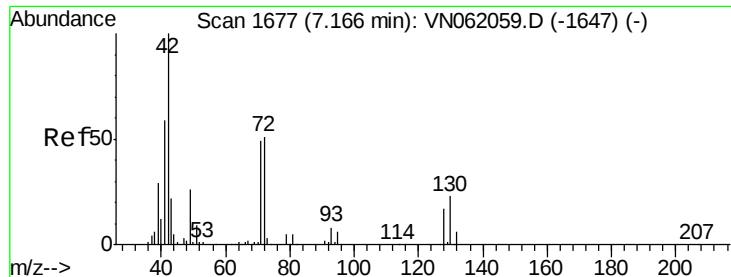
Delta R.T. 0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

Tgt Ion:	49	Resp:	43612
Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	4.4
130	82.4	65.5	98.3





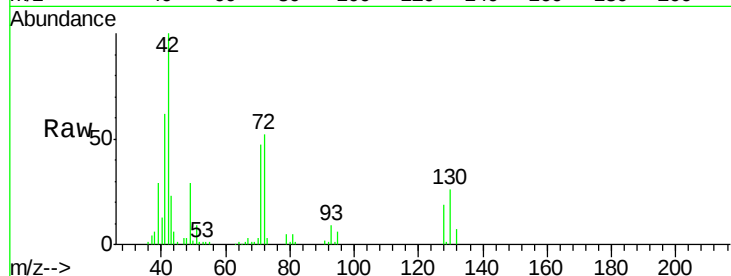
#29
Tetrahydrofuran
Concen: 95.053 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Instrument :
MSVOA_N
ClientSampleId :
VN0624MBSD01

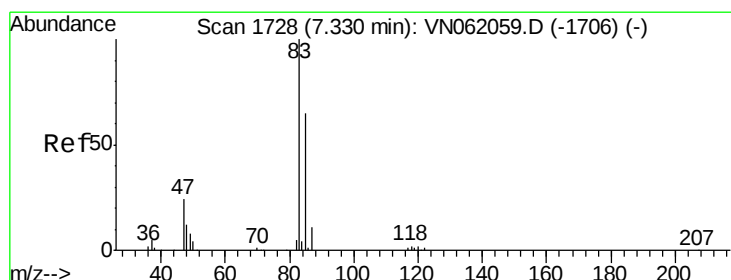
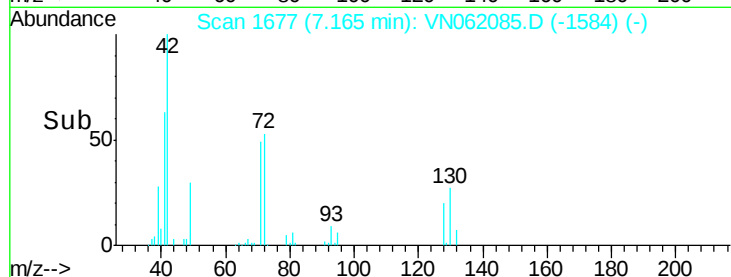
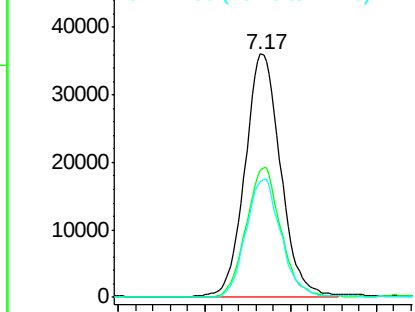
Tot Ion	Ratio	Lower	Upper
42	100		
72	51.9	41.1	61.7
71	47.5	38.2	57.4

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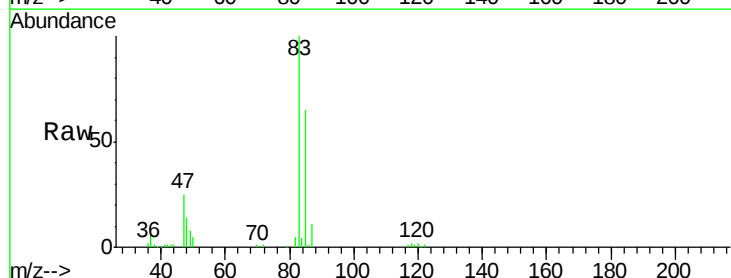


Abundance Ion 42.00 (41.70 to 42.70): VN062059.D (-1647) (-)
Ion 72.00 (71.70 to 72.70): VN062059.D (-1647) (-)
Ion 71.00 (70.70 to 71.70): VN062059.D (-1647) (-)

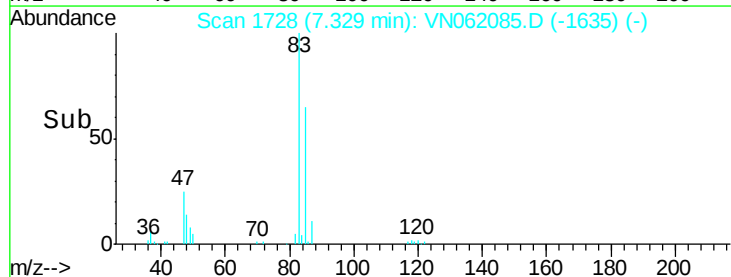
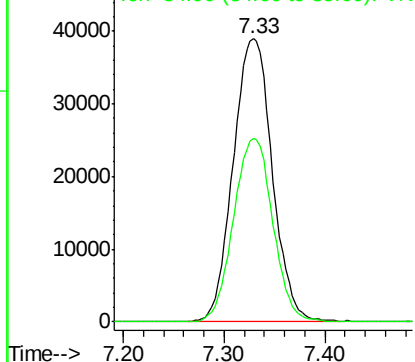


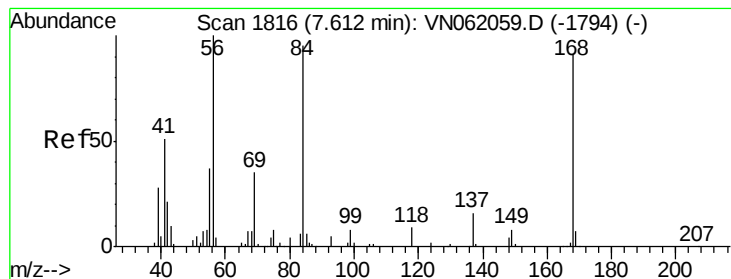
#30
Chloroform
Concen: 18.348 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	52.3	78.5



Abundance Ion 82.90 (82.60 to 83.60): VN062059.D (-1706) (-)
Ion 84.90 (84.60 to 85.60): VN062059.D (-1706) (-)





#31

Cvclohexane

Concen: 18.318 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

Instrument :

MSVOA_N

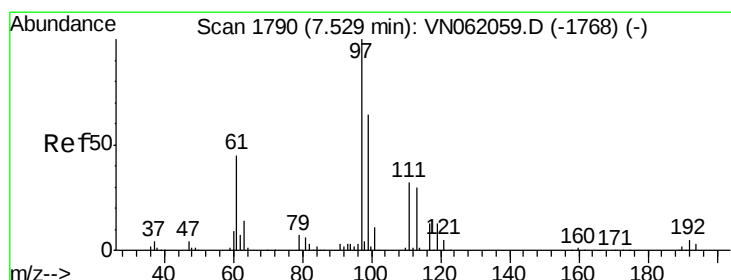
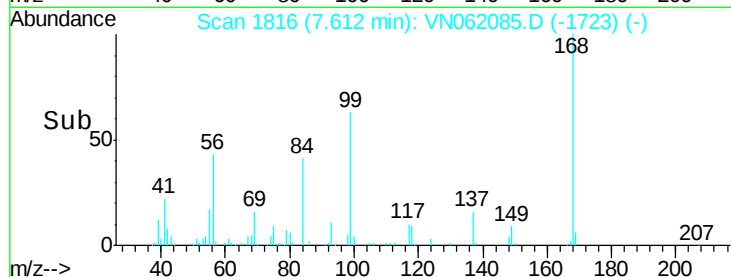
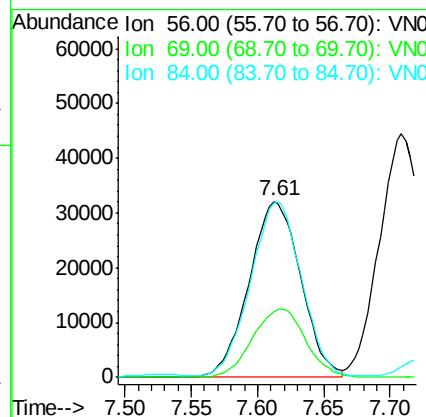
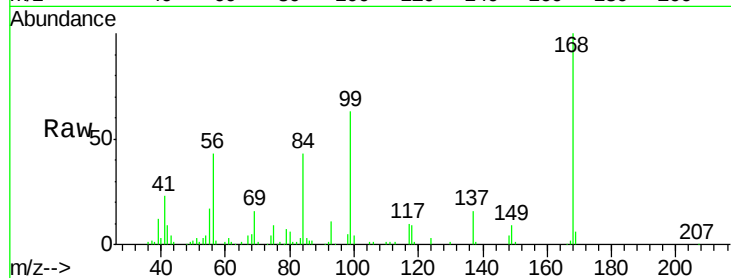
ClientSampleId :

VN0624MBSD01

Tot Ion:	56	Resp:	86935
Ion Ratio	Lower	Upper	
56	100		
69	37.1	28.0	42.0
84	98.5	76.1	114.1

Manual Integrations
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6/25/2020 6:10:55 PM



#32

1,1,1-Trichloroethane

Concen: 18.307 ug/l

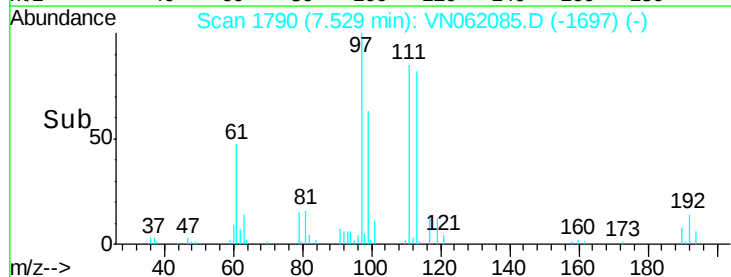
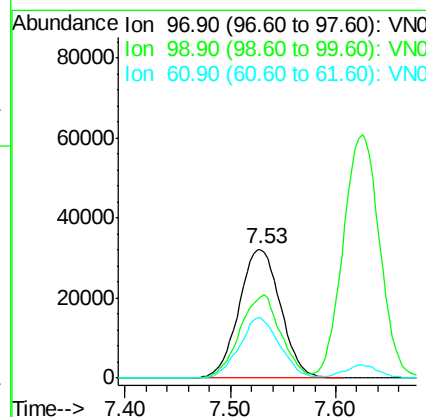
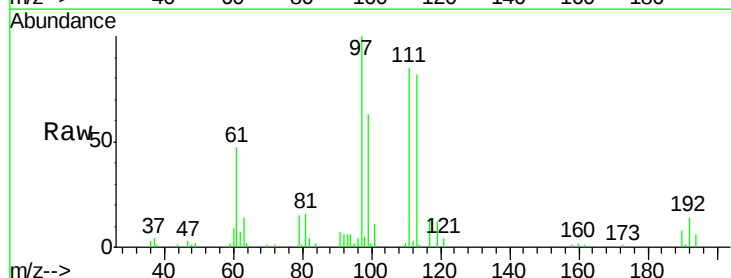
RT: 7.53 min Scan# 1790

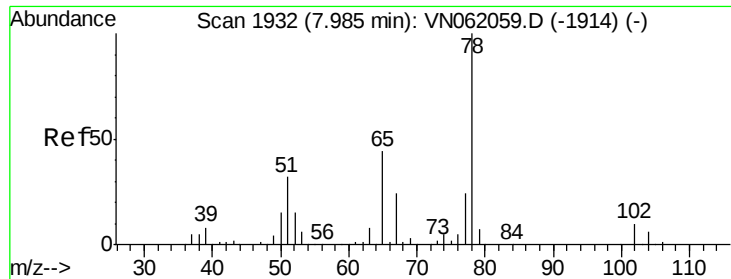
Delta R.T. -0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

Tgt Ion:	97	Resp:	88127
Ion Ratio	Lower	Upper	
97	100		
99	63.6	51.0	76.4
61	45.5	36.2	54.2





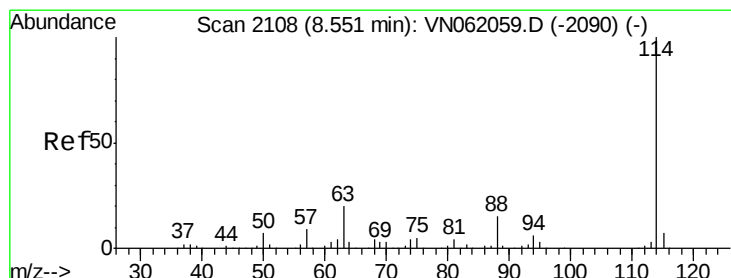
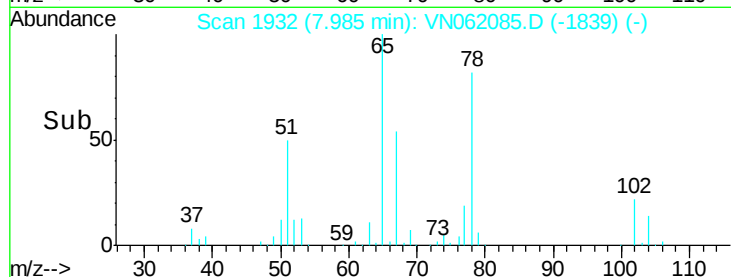
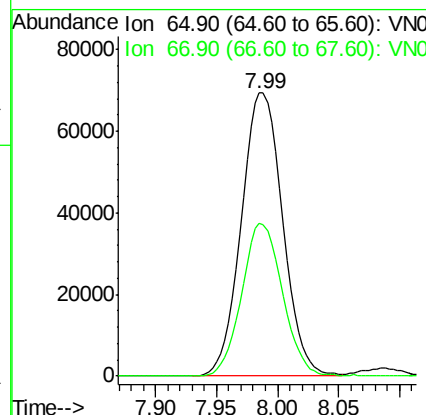
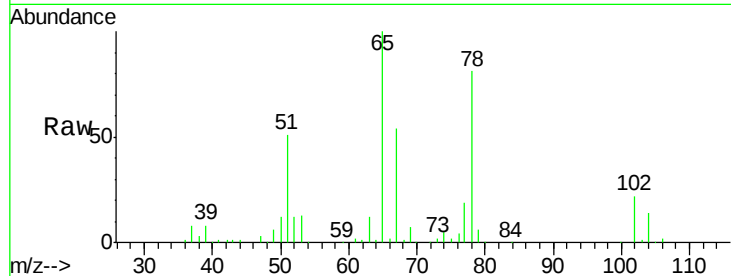
#33
 1,2-Dichloroethane-d4
 Concen: 47.478 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062085.D
 Acq: 25 Jun 2020 00:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	163085		
67	52.9	0.0	106.2	

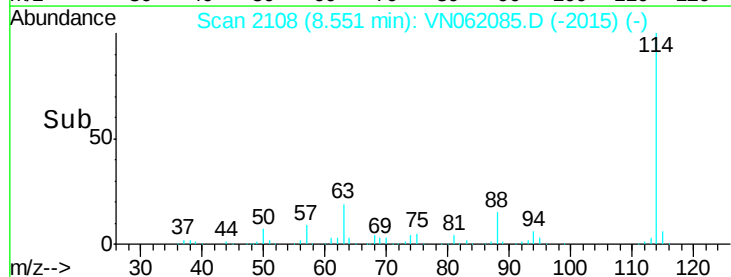
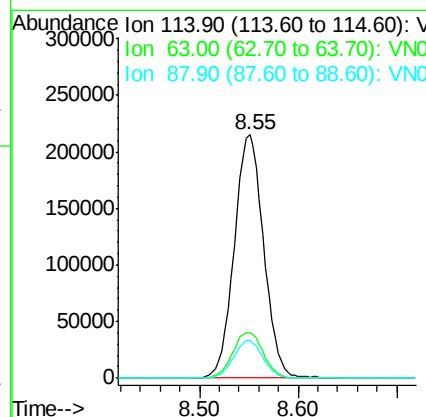
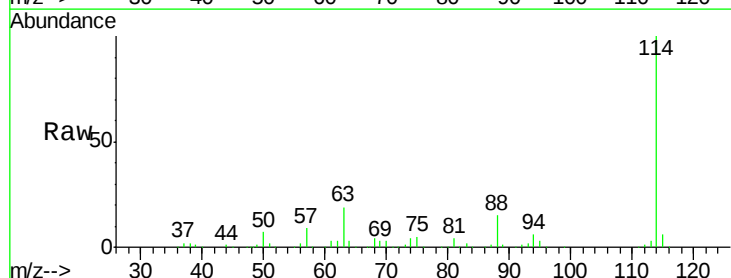
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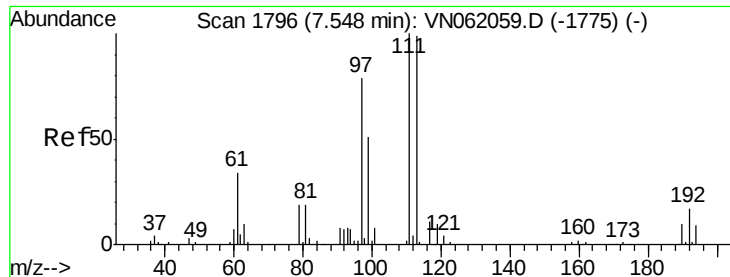
MMDadoda
 6/25/2020 6:10:55 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062085.D
 Acq: 25 Jun 2020 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	446421		
63	18.5	0.0	39.2	
88	15.4	0.0	30.8	





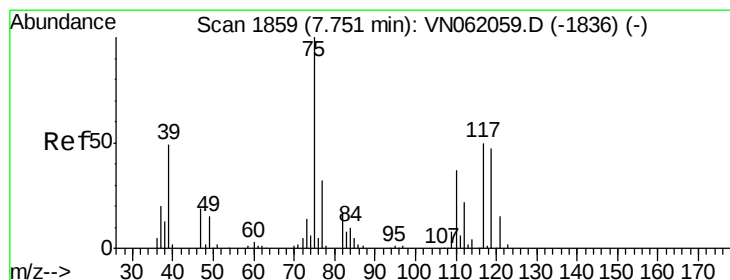
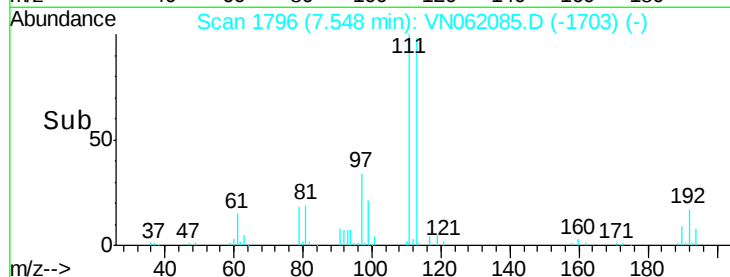
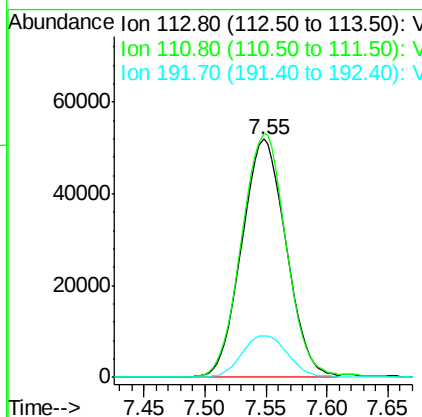
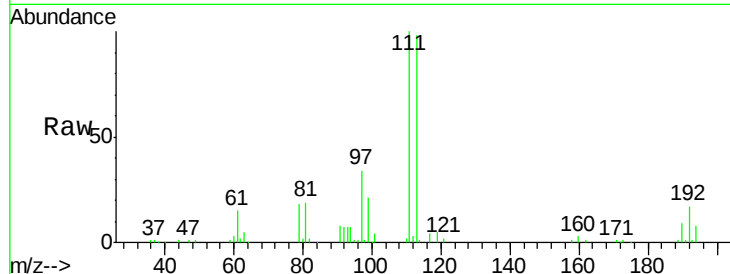
#35
 Dibromofluoromethane
 Concen: 45.693 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062085.D
 Acq: 25 Jun 2020 00:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.1	82.2	123.4	
192	18.1	14.0	21.0	

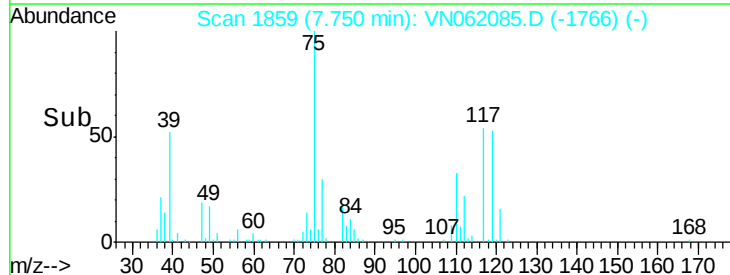
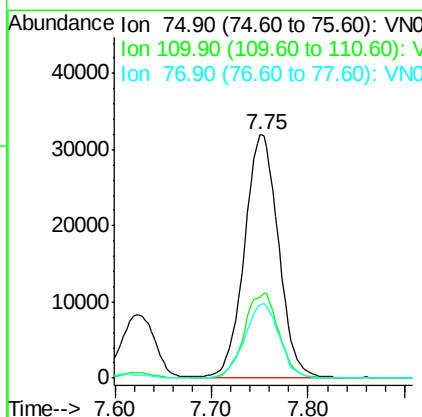
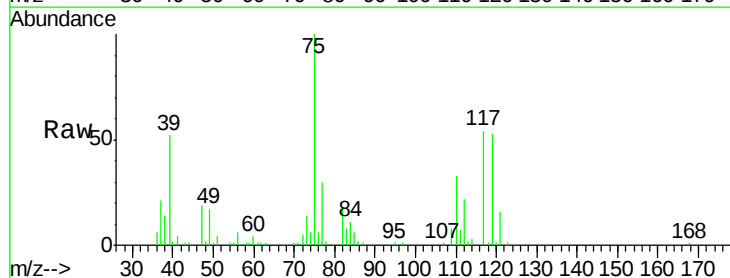
Manual Integrations
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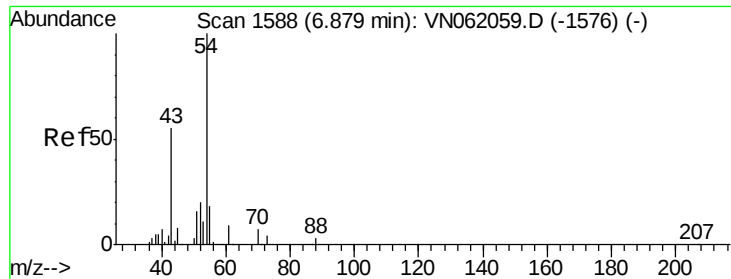
MMDadoda
 6/25/2020 6:10:55 PM



#36
 1,1-Dichloropropene
 Concen: 17.485 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062085.D
 Acq: 25 Jun 2020 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	35.1	17.9	53.8	
77	30.8	24.9	37.3	





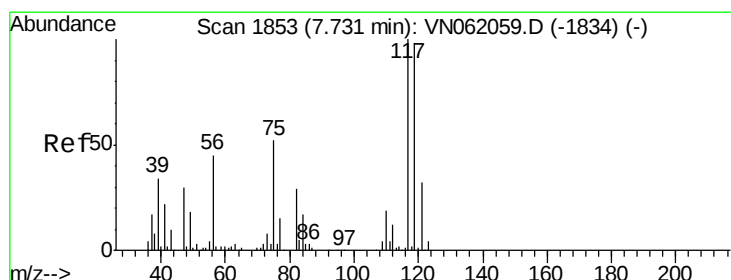
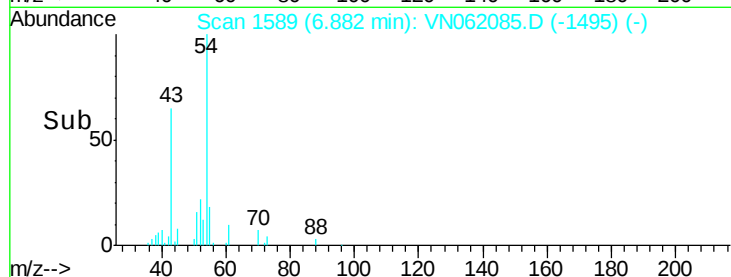
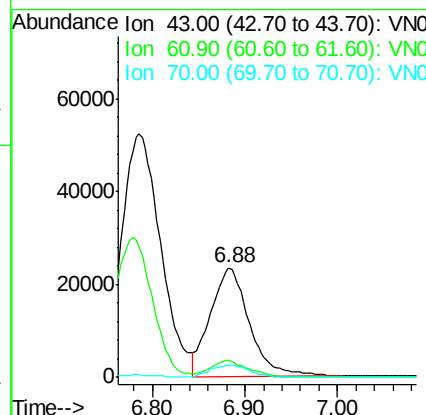
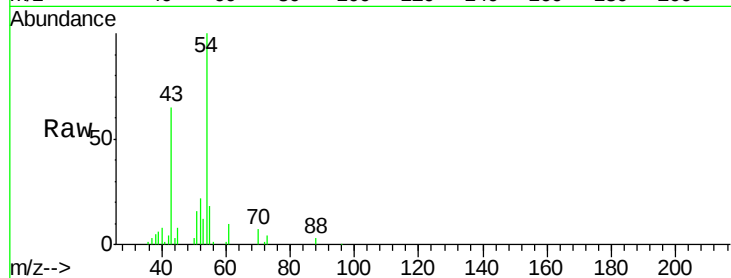
#37
Ethyl Acetate
Concen: 18.258 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Instrument :
MSVOA_N
ClientSampled :
VN0624MBSD01

Tot Ion	43	Resp	67840
Ion Ratio	100	Lower	Upper
43	100		
61	15.3	12.0	18.0
70	11.2	9.6	14.4

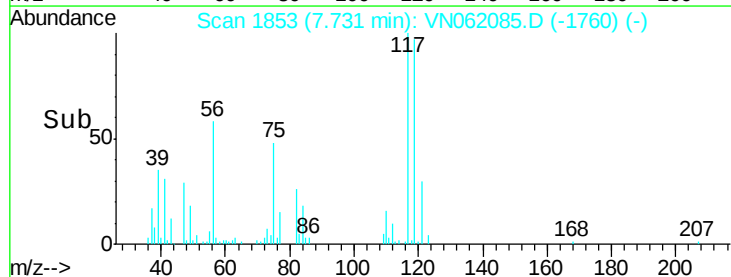
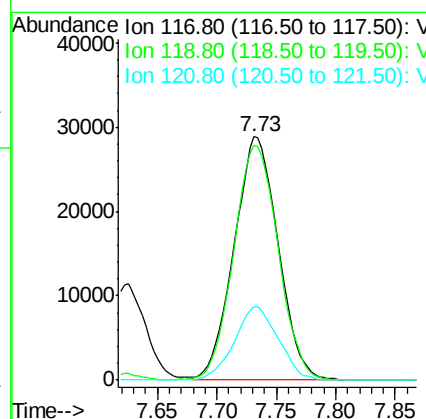
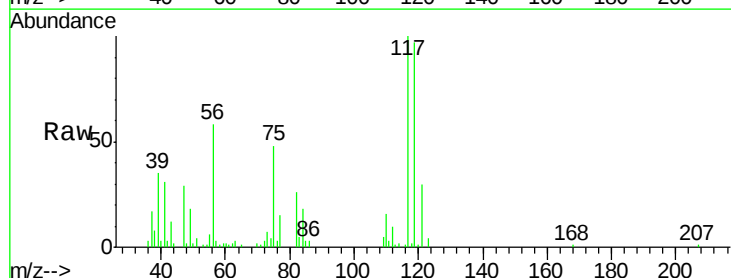
Manual Integrations
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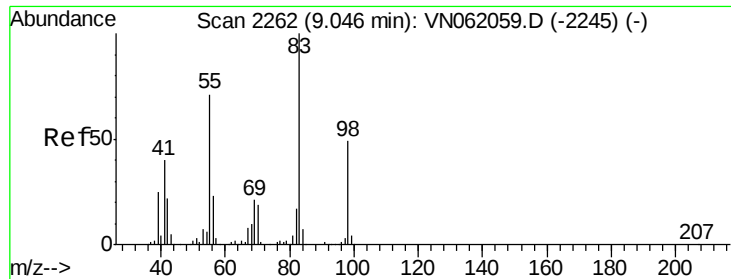
MMDadoda
6/25/2020 6:10:55 PM



#38
Carbon Tetrachloride
Concen: 17.505 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Tgt Ion	117	Resp	74054
Ion Ratio	100	Lower	Upper
117	100		
119	96.6	78.2	117.2
121	30.2	25.8	38.6





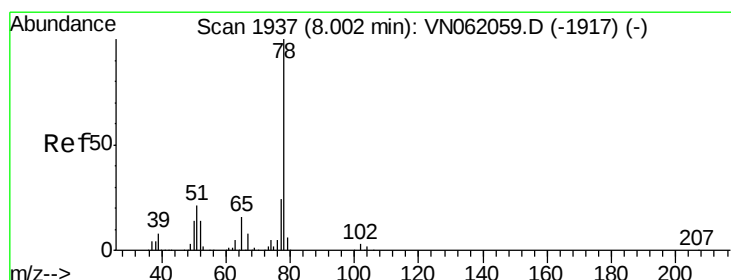
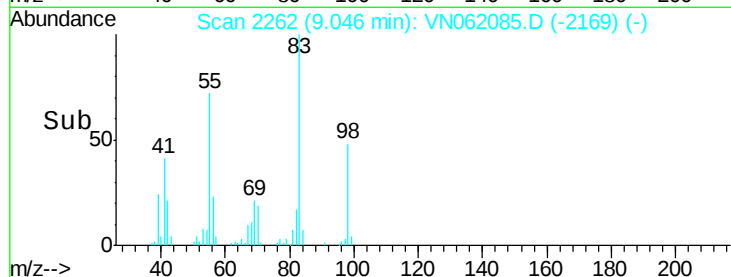
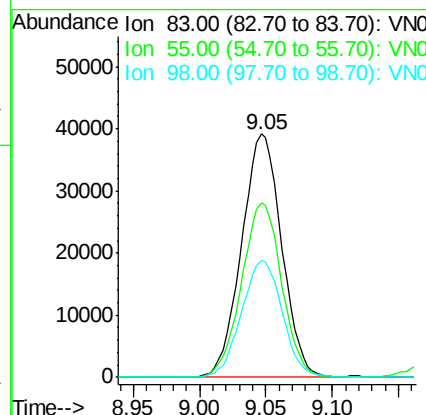
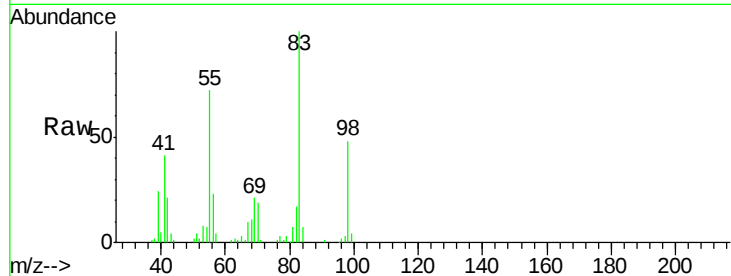
#39
Methvlcvclohexane
Concen: 16.704 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Instrument :
MSVOA_N
ClientSampleId :
VN0624MBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.7	57.0	85.6
98	48.1	39.0	58.6

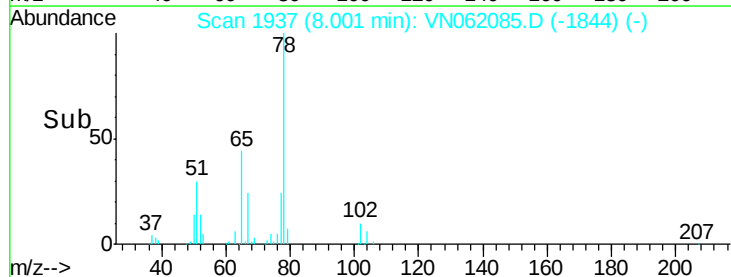
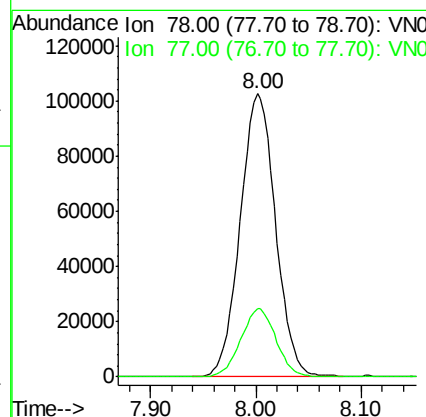
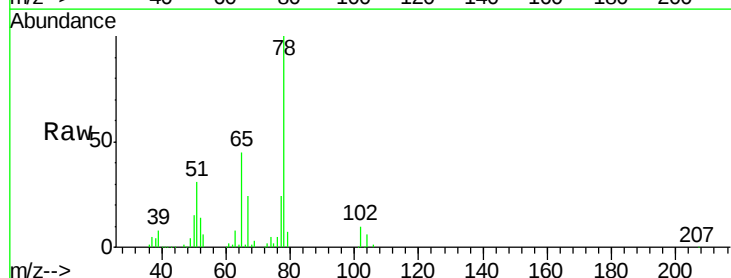
Manual Integrations
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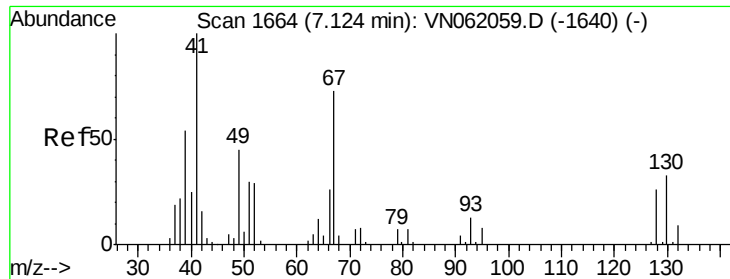
MMDadoda
6/25/2020 6:10:55 PM



#40
Benzene
Concen: 17.495 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.5	29.3





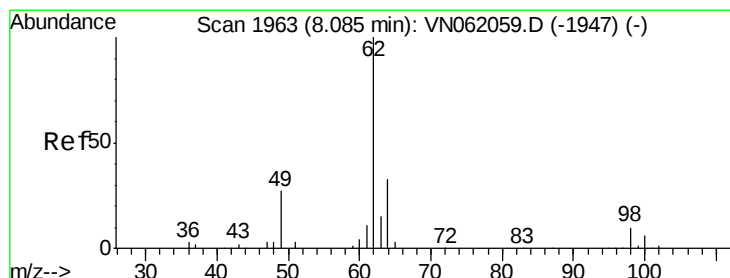
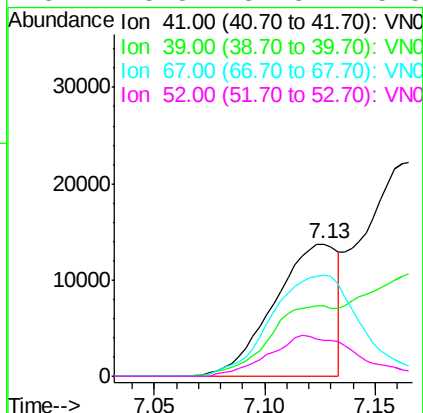
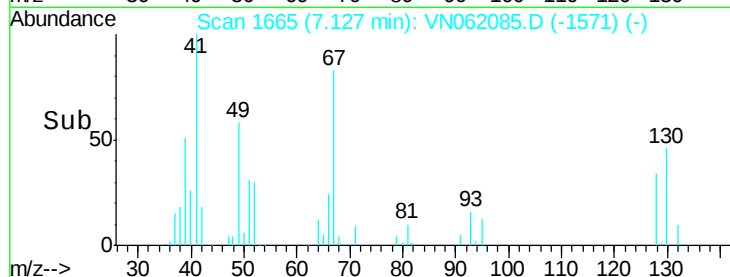
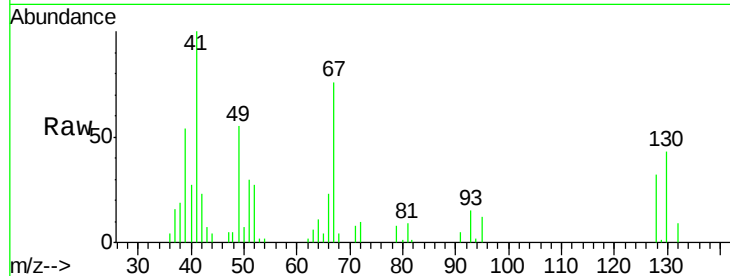
#41
Methacrylonitrile
Concen: 15.856 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Instrument :
MSVOA_N
ClientSampled :
VN0624MBSD01

Tot Ion	41	Resp	27314
Ion	Ratio	Lower	Upper
41	100		
39	57.2	44.2	66.2
67	109.8	79.5	119.3
52	43.8	32.3	48.5

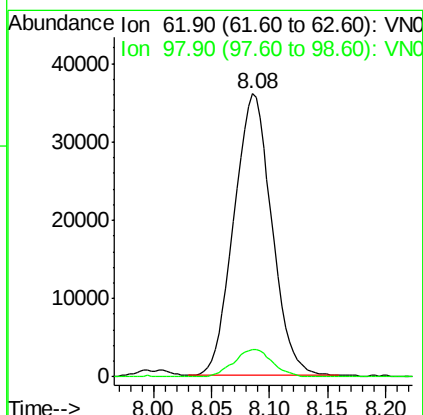
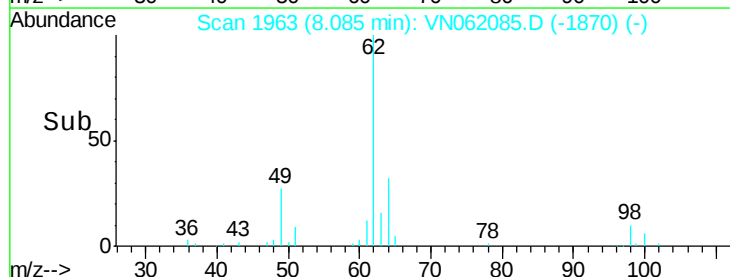
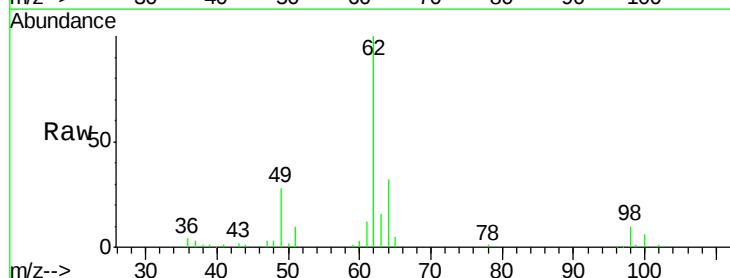
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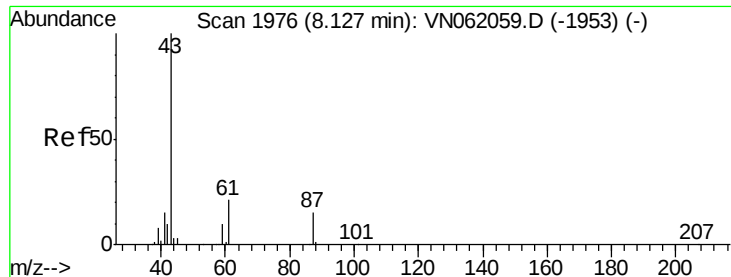
MMDadoda
6/25/2020 6:10:55 PM



#42
1,2-Dichloroethane
Concen: 17.677 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Tgt Ion	62	Resp	81682
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.8





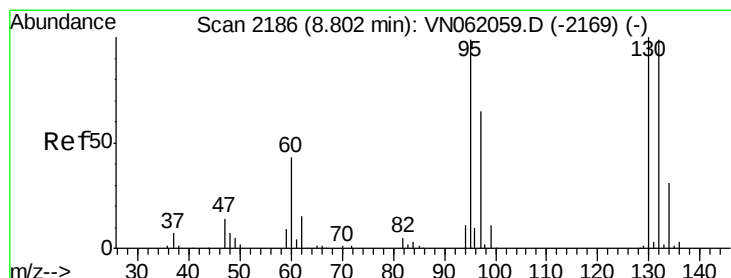
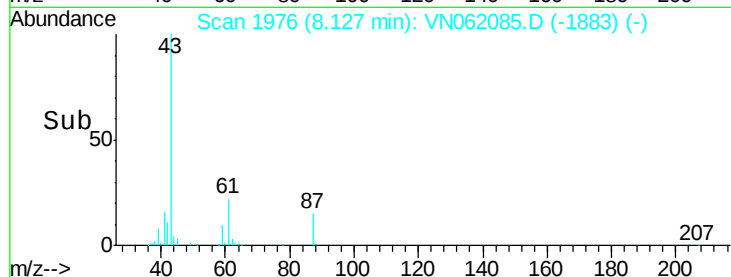
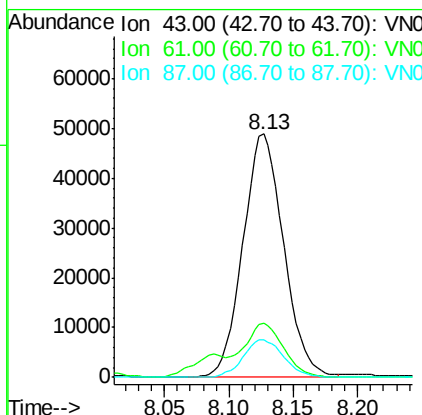
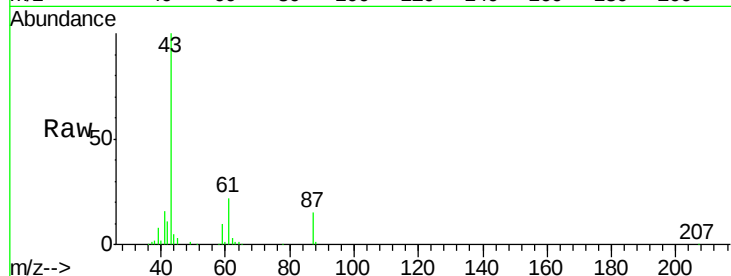
#43
Isopropyl Acetate
Concen: 17.779 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Instrument :
MSVOA_N
ClientSampleId :
VN0624MBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.1	17.2	25.8
87	15.3	12.1	18.1

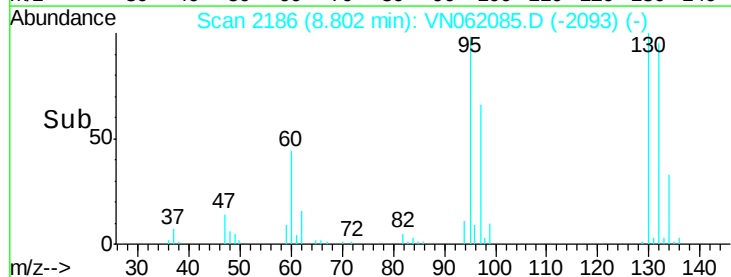
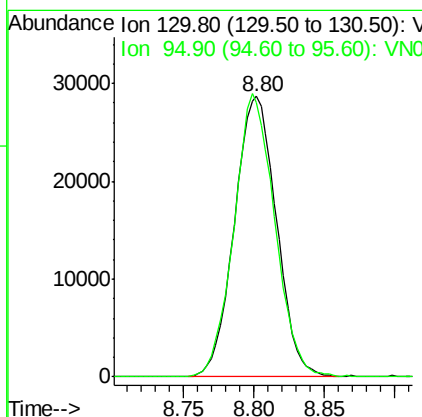
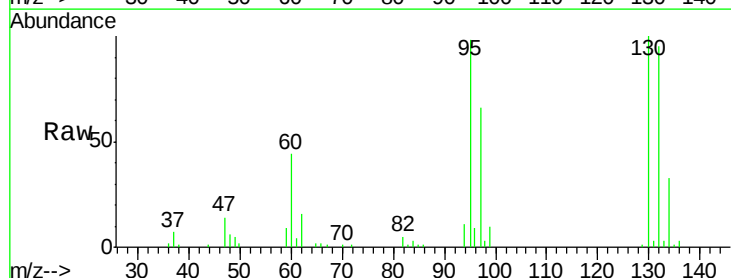
Manual Integrations
APPROVED

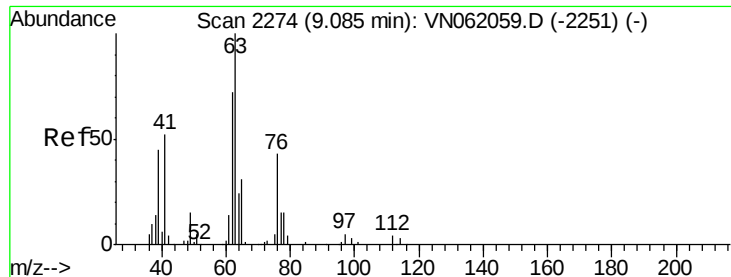
MMDadoda
6/25/2020 6:10:55 PM



#44
Trichloroethene
Concen: 17.349 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.6	0.0	197.8





#45

1,2-Dichloropropane

Concen: 18.285 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

VN0624MBSD01

Tot Ion: 63 Resp: 61697

Ion Ratio Lower Upper

63 100

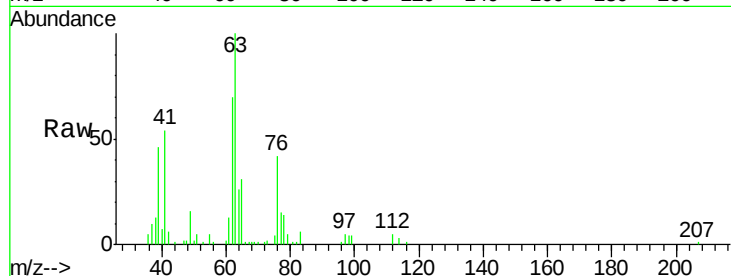
65 31.2 25.0 37.4

Manual Integrations

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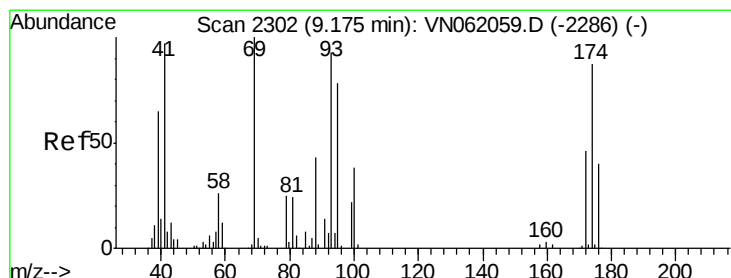
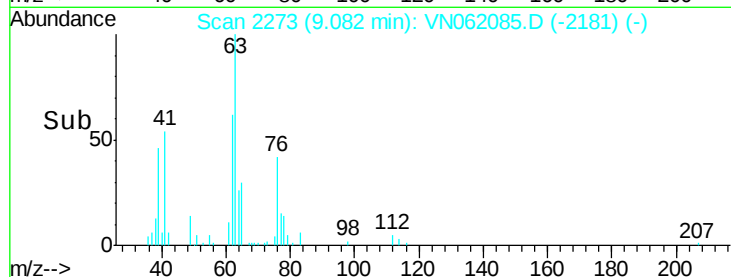
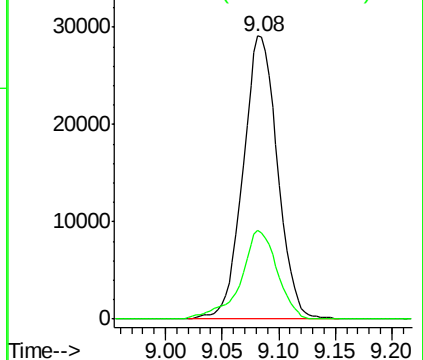
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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 17.478 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

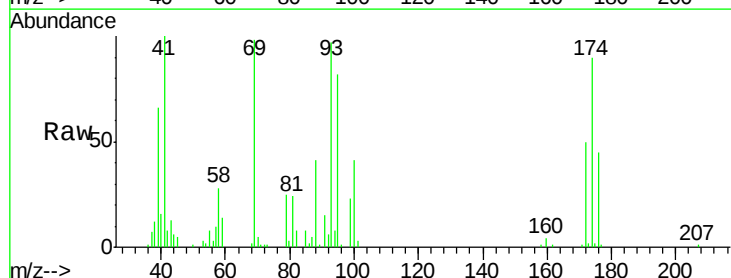
Tgt Ion: 93 Resp: 39985

Ion Ratio Lower Upper

93 100

95 84.2 67.0 100.6

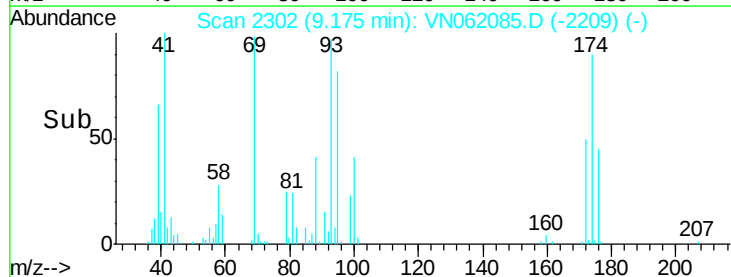
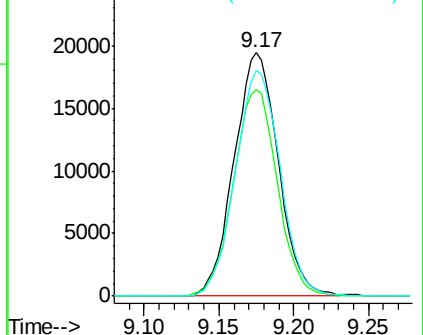
174 93.6 74.4 111.6

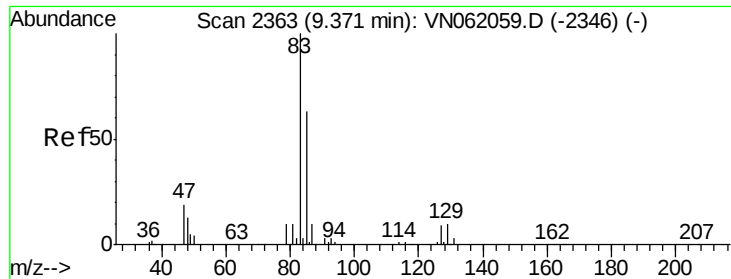


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





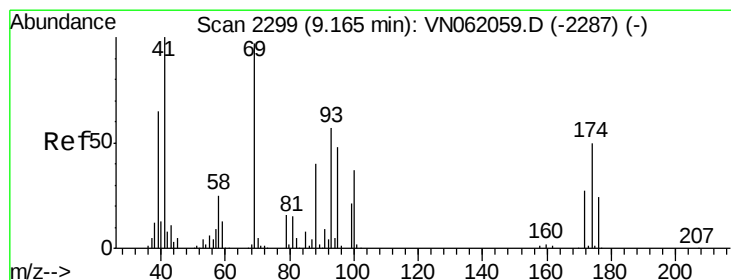
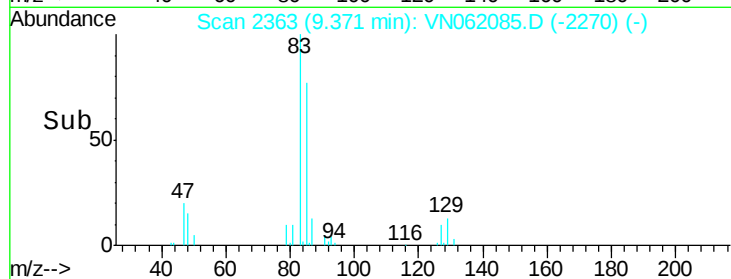
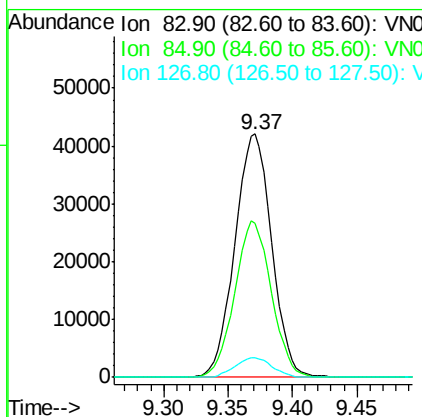
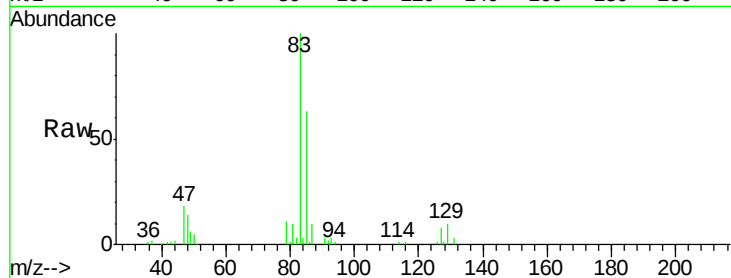
#47
Bromodichloromethane
Concen: 18.083 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. -0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Instrument :
MSVOA_N
ClientSampleId :
VN0624MBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.2	50.3	75.5
127	7.9	6.9	10.3

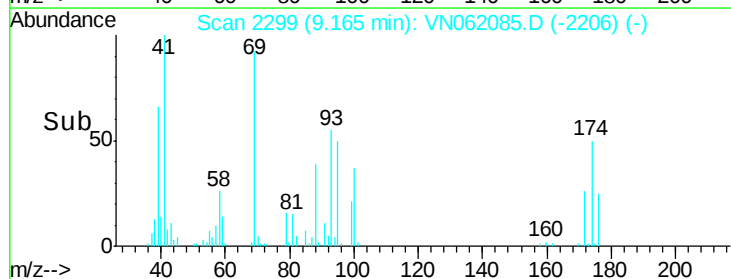
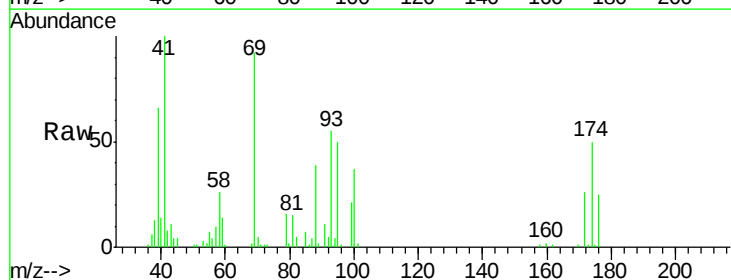
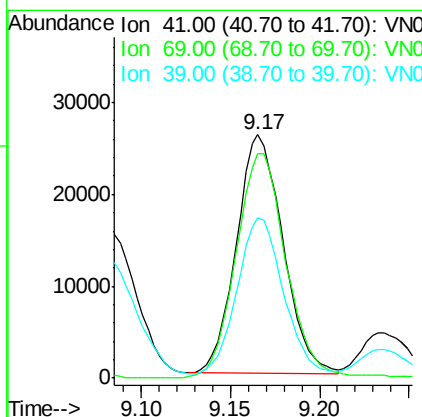
Manual Integrations
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#48
Methyl methacrylate
Concen: 17.467 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Tgt Ion	Ratio	Lower	Upper
41	100		
69	100.6	80.7	121.1
39	67.4	54.5	81.7





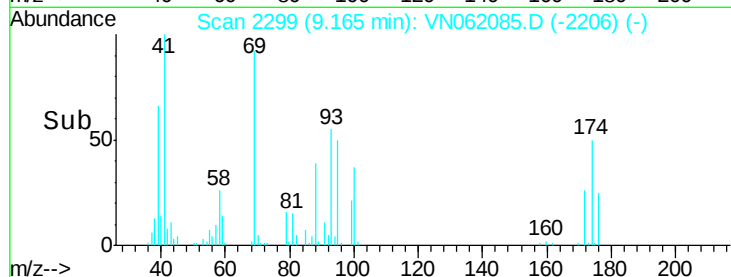
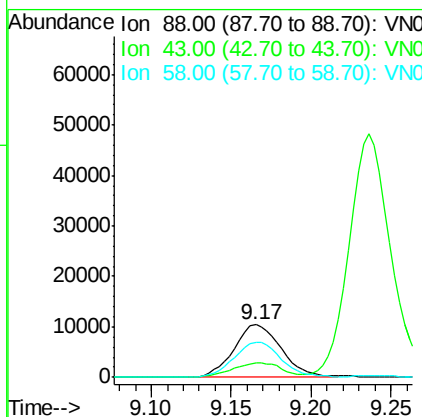
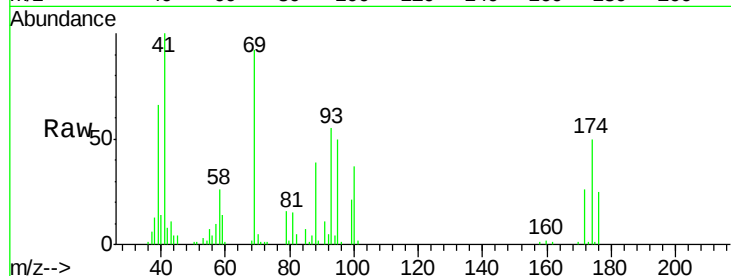
#49
1,4-Dioxane
Concen: 350.706 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Instrument :
MSVOA_N
ClientSampleId :
VN0624MBSD01

Tot Ion	88	Resp	21122
Ion	Ratio	Lower	Upper
88	100		
43	29.9	22.0	33.0
58	66.4	49.2	73.8

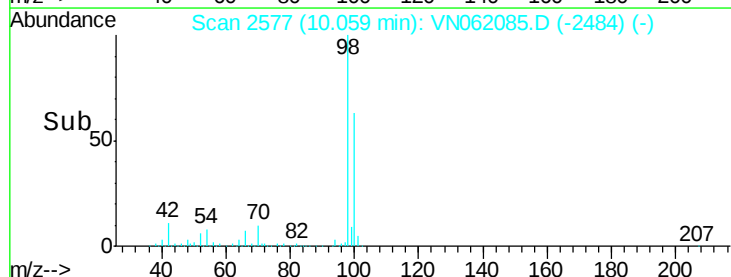
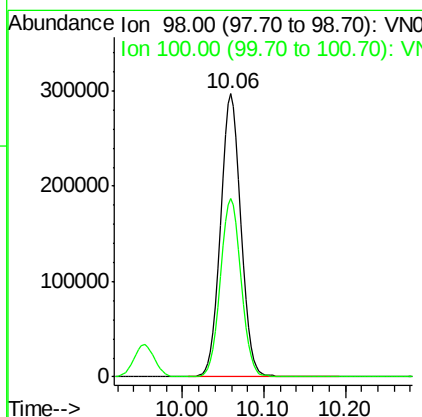
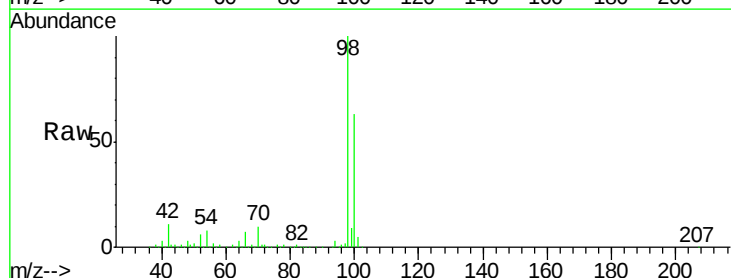
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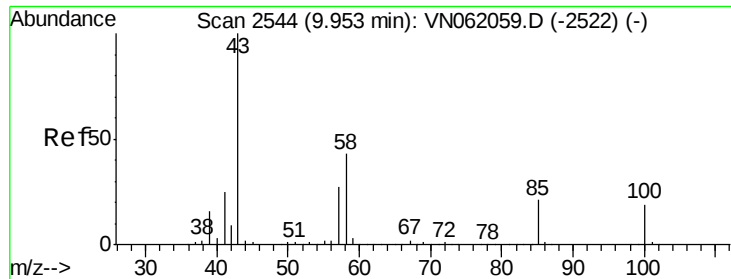
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6/25/2020 6:10:55 PM



#50
Toluene-d8
Concen: 46.118 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Tgt Ion	98	Resp	527972
Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.2	76.8





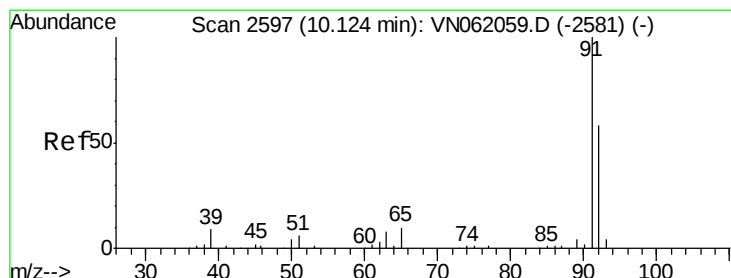
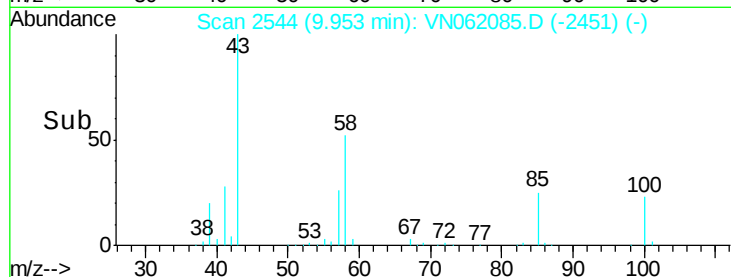
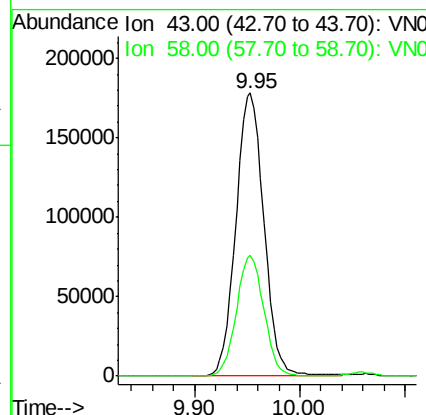
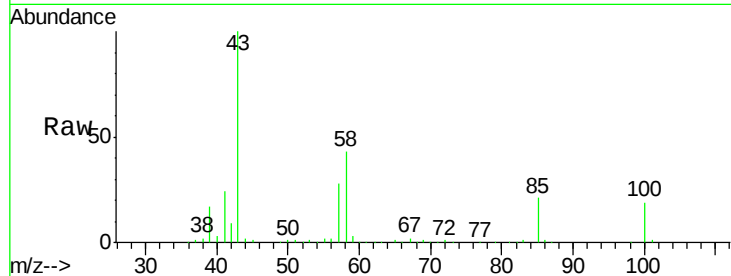
#51
4-Methyl-2-Pentanone
Concen: 92.795 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. -0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Instrument :
MSVOA_N
ClientSampleId :
VN0624MBSD01

Tot Ion: 43 Resp: 328394
Ion Ratio Lower Upper
43 100
58 41.7 34.2 51.2

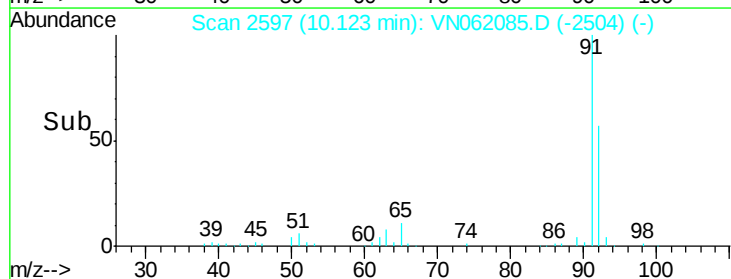
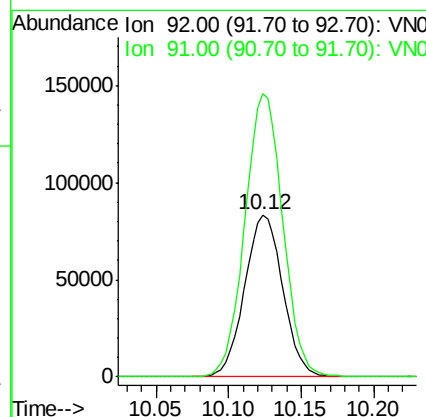
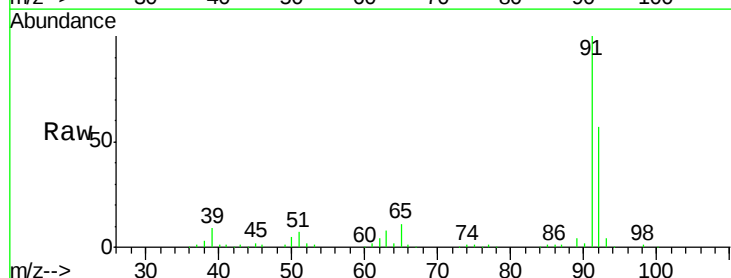
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#52
Toluene
Concen: 18.273 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Tgt Ion: 92 Resp: 152485
Ion Ratio Lower Upper
92 100
91 174.0 137.4 206.0





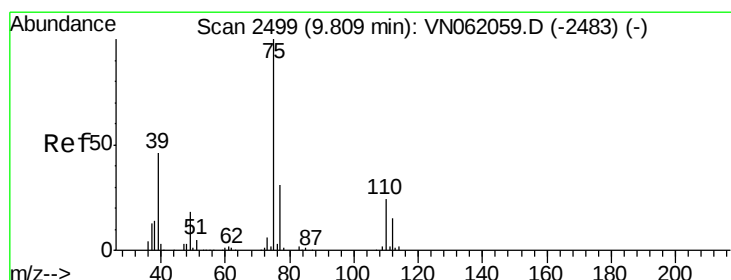
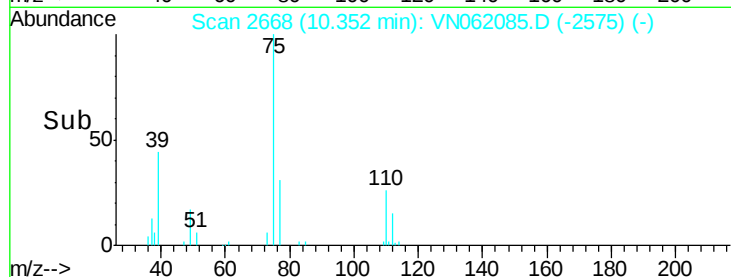
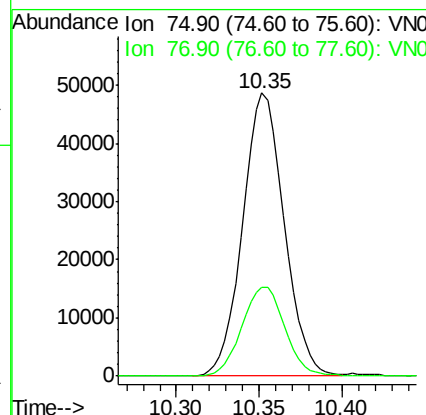
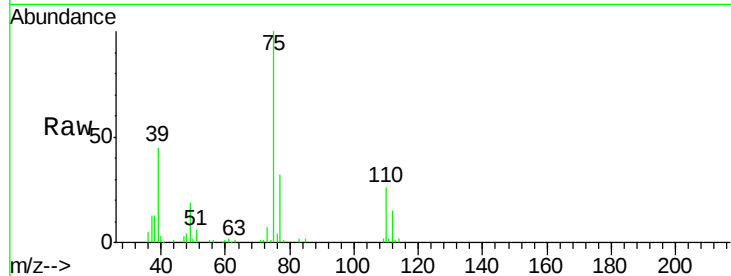
#53
t-1,3-Dichloropropene
Concen: 16.715 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Instrument :
MSVOA_N
ClientSampleId :
VN0624MBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.5	38.3

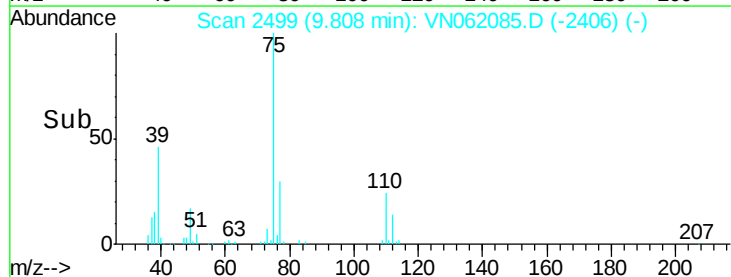
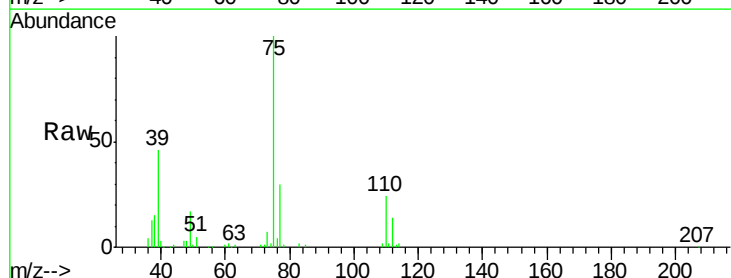
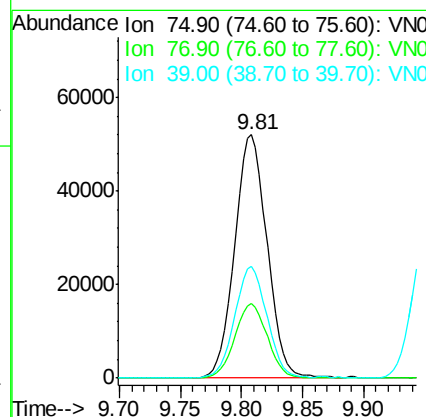
Manual Integrations
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#54
cis-1,3-Dichloropropene
Concen: 17.777 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.4	25.0	37.6
39	45.7	36.9	55.3





#55

1,1,2-Trichloroethane

Concen: 18.064 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

Instrument :

MSVOA_N

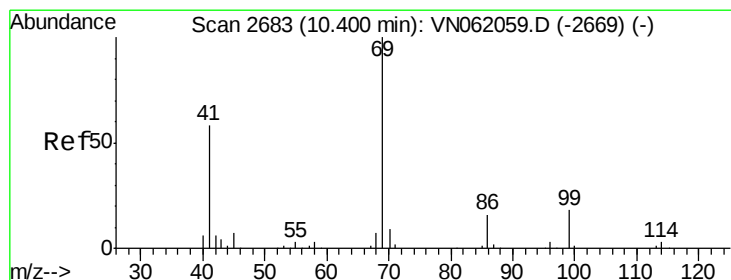
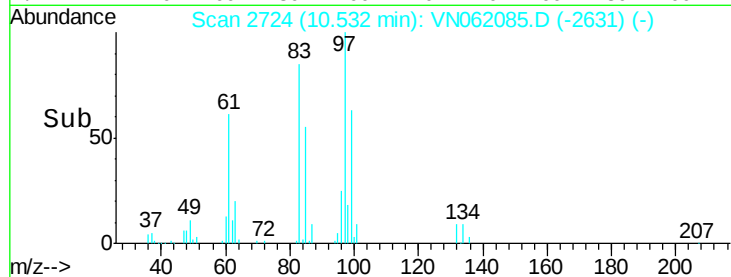
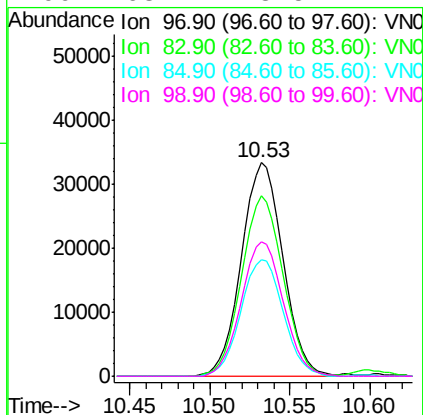
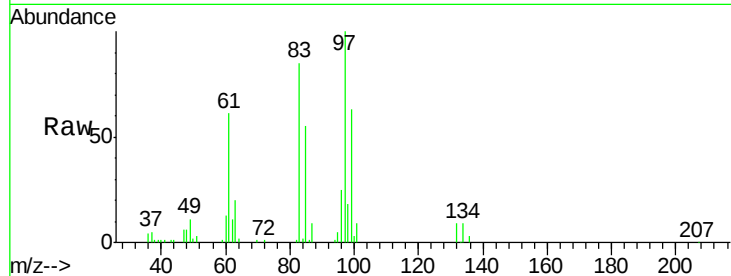
ClientSampleId :

VN0624MBSD01

Tot Ion:	97	Resp:	59256
Ion	Ratio	Lower	Upper
97	100		
83	84.5	68.2	102.2
85	54.6	43.2	64.8
99	63.2	48.5	72.7

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#56

Ethyl methacrylate

Concen: 17.838 ug/l

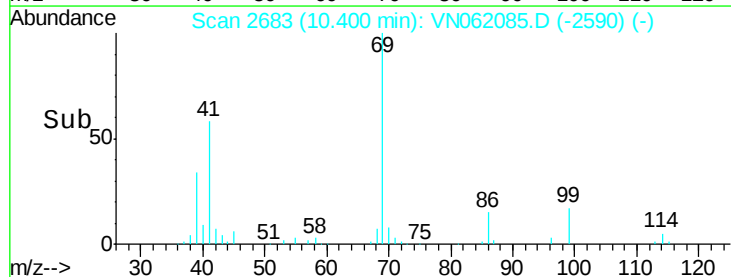
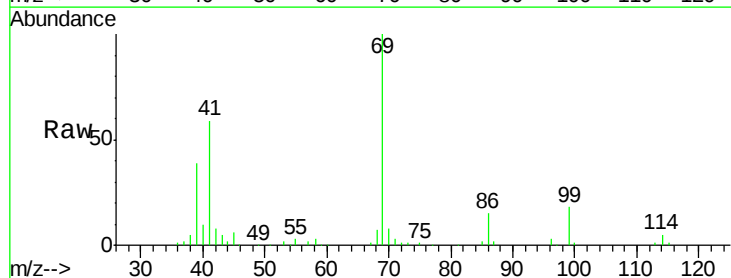
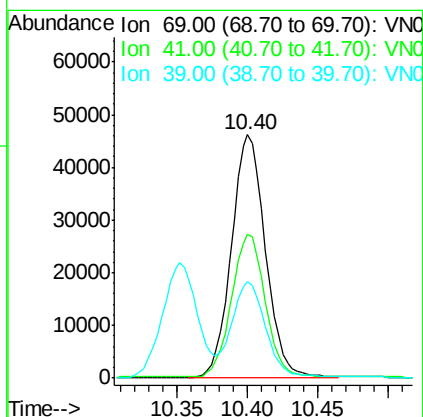
RT: 10.40 min Scan# 2683

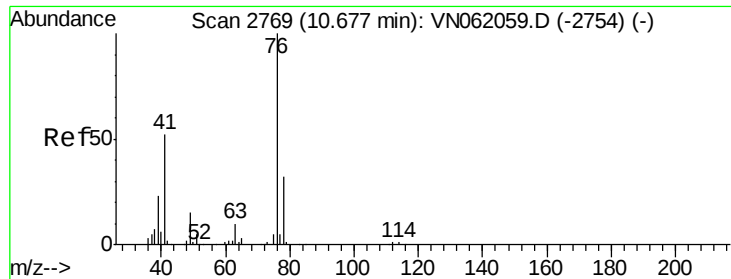
Delta R.T. -0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

Tgt Ion:	69	Resp:	78089
Ion	Ratio	Lower	Upper
69	100		
41	58.0	46.6	70.0
39	39.0	31.0	46.4





#57

1,3-Dichloropropane

Concen: 17.914 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

VN0624MBSD01

Tot Ion: 76 Resp: 101145

Ion Ratio Lower Upper

76 100

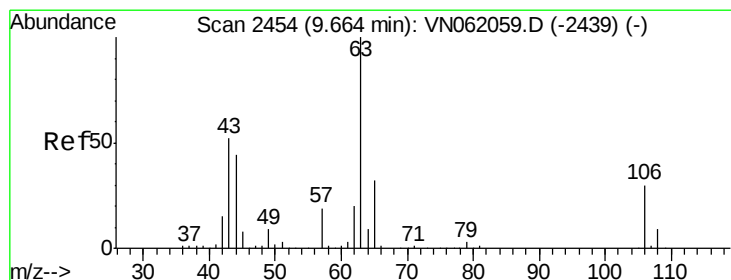
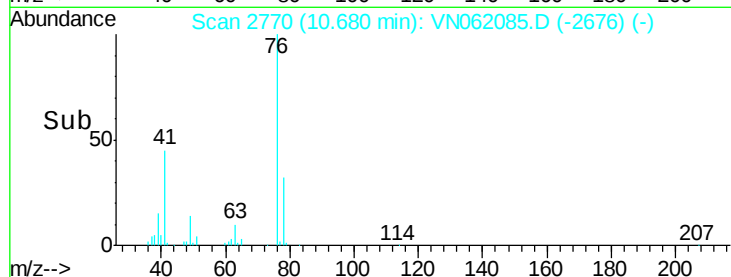
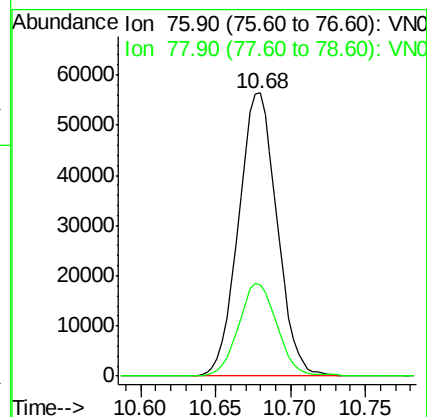
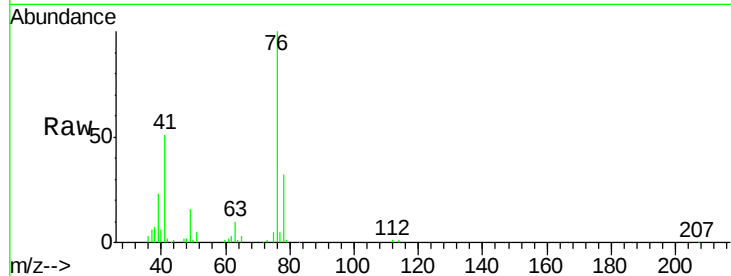
78 32.8 25.8 38.8

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 92.511 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN062085.D

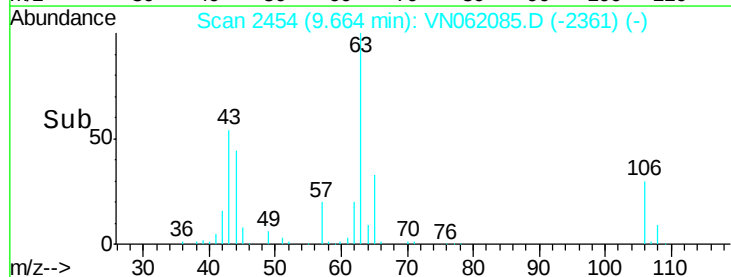
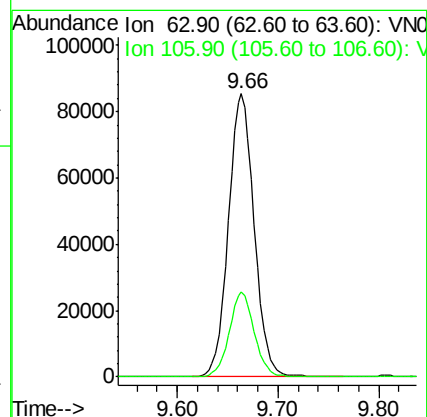
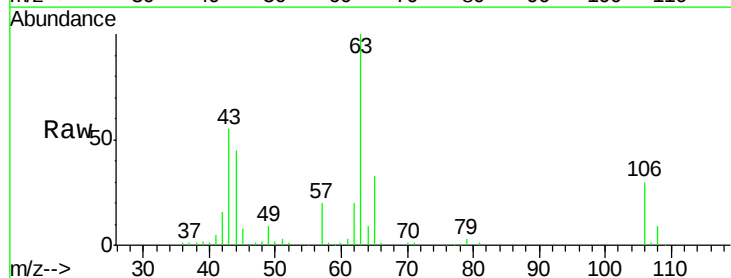
Acq: 25 Jun 2020 00:38

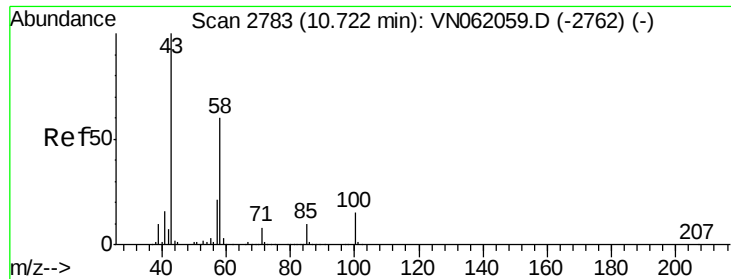
Tgt Ion: 63 Resp: 152217

Ion Ratio Lower Upper

63 100

106 29.1 23.2 34.8





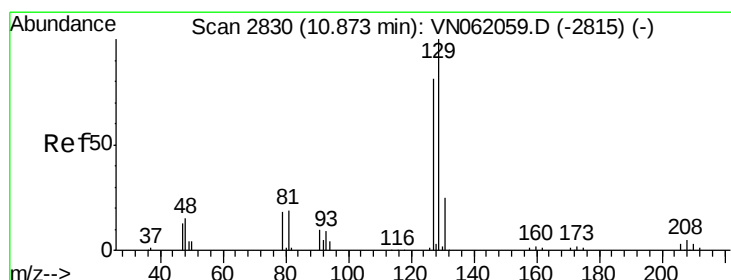
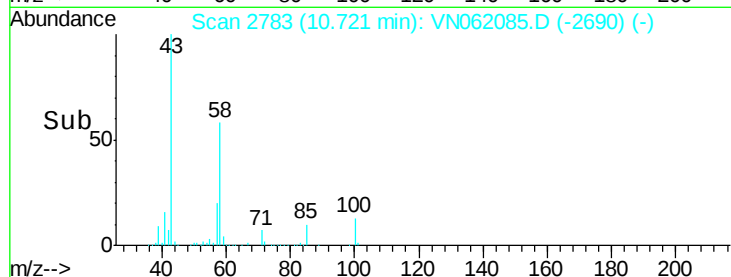
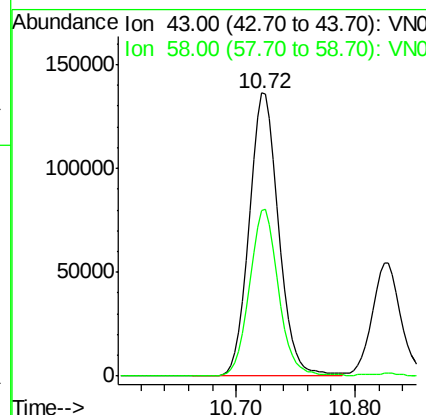
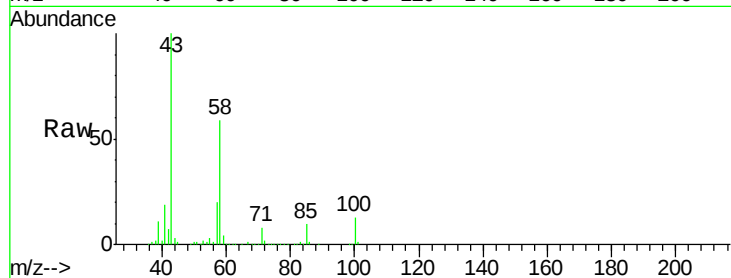
#59
2-Hexanone
Concen: 91.656 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Instrument :
MSVOA_N
ClientSampleId :
VN0624MBSD01

Tot Ion	43	Resp	234220
Ion Ratio	Lower	Upper	
43	100		
58	58.0	29.5	88.5

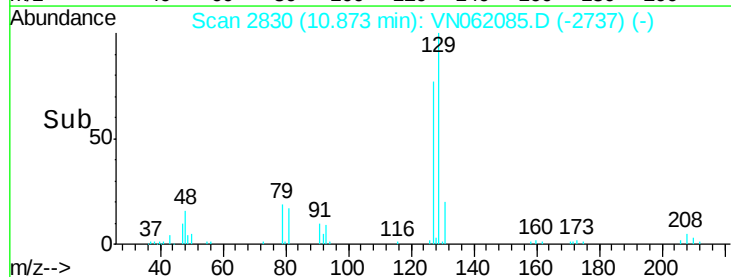
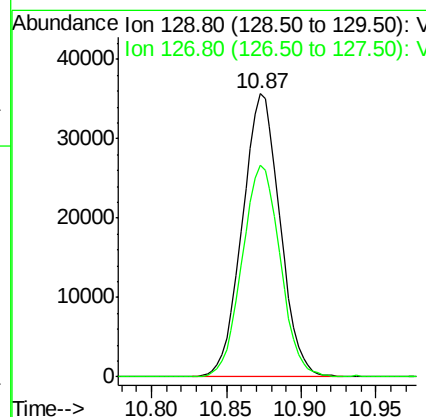
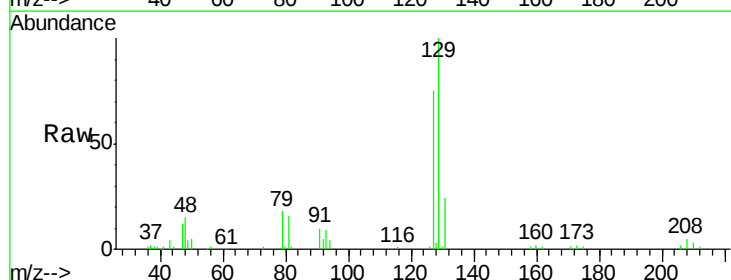
Manual Integrations
APPROVED

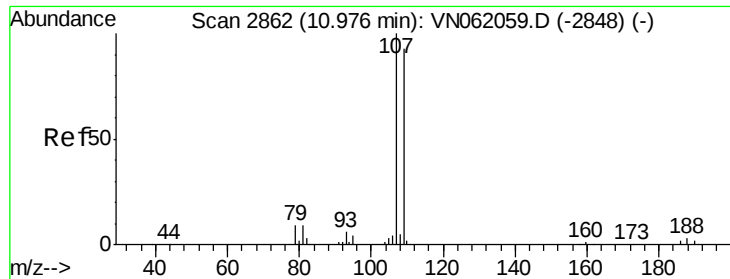
MMDadoda
6/25/2020 6:10:55 PM



#60
Dibromochloromethane
Concen: 18.008 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Tgt Ion	129	Resp	62540
Ion Ratio	Lower	Upper	
129	100		
127	75.5	39.5	118.5





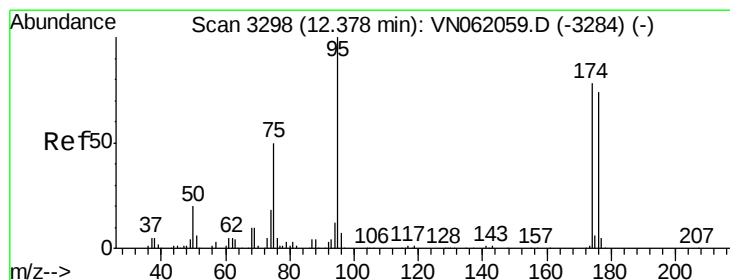
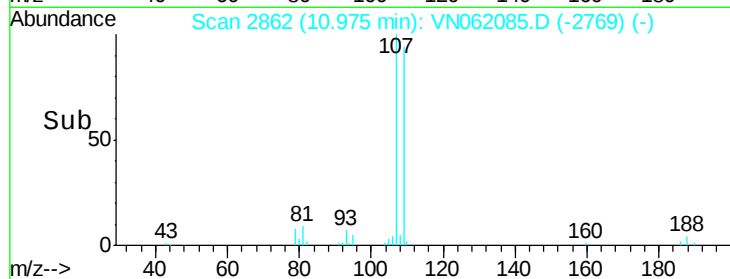
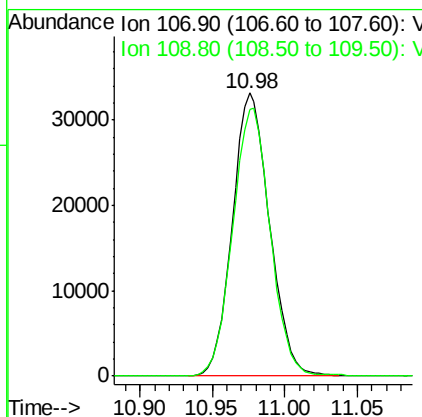
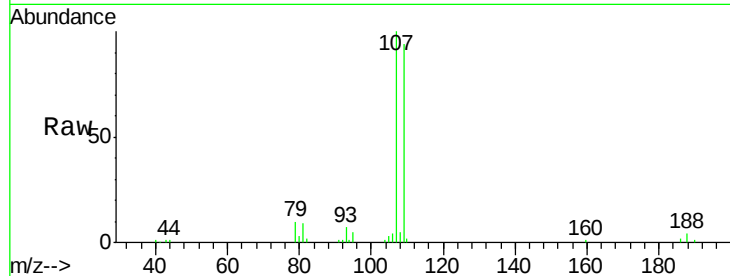
#61
 1,2-Dibromoethane
 Concen: 17.504 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062085.D
 Acq: 25 Jun 2020 00:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.6	75.0	112.6

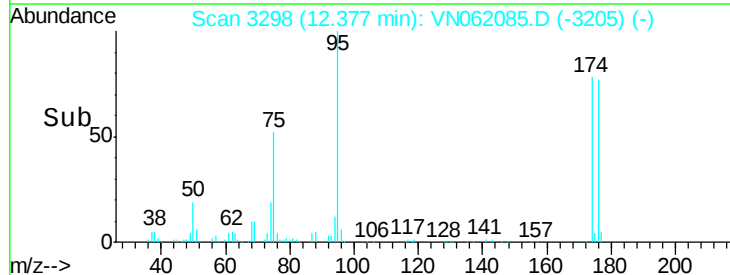
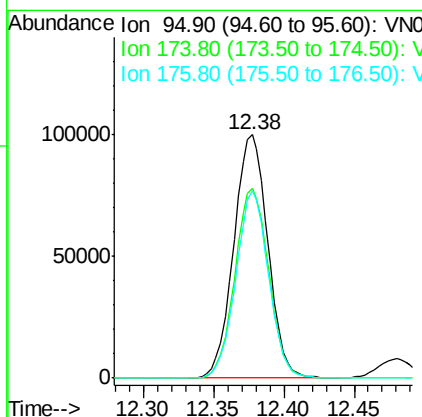
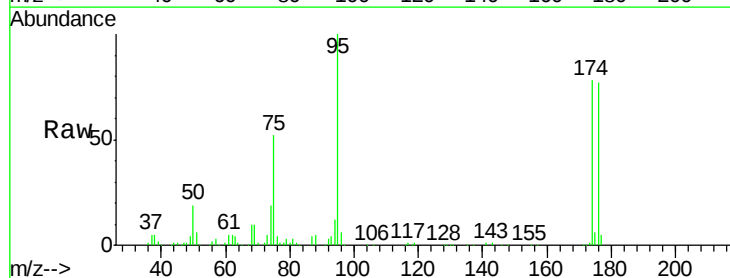
Manual Integrations
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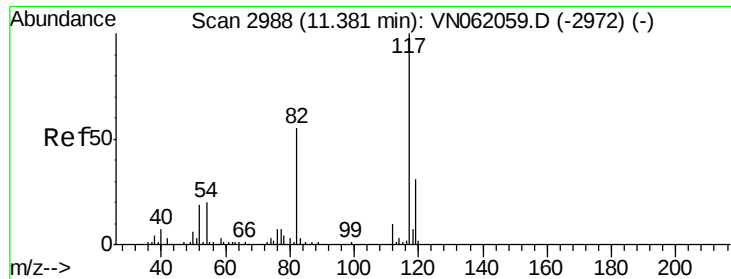
MMDadoda
 6/25/2020 6:10:55 PM



#62
 4-Bromofluorobenzene
 Concen: 43.759 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062085.D
 Acq: 25 Jun 2020 00:38

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.7	0.0	154.8
176	74.1	0.0	147.4





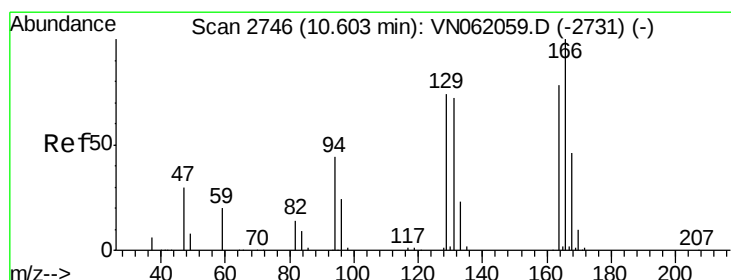
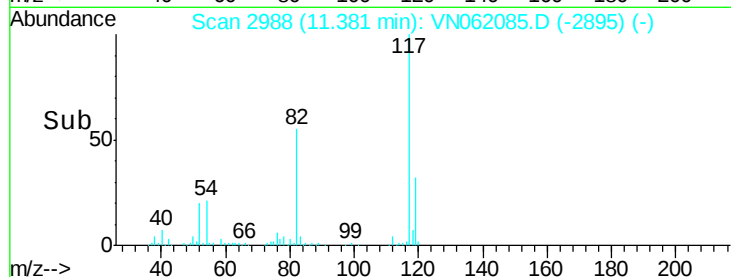
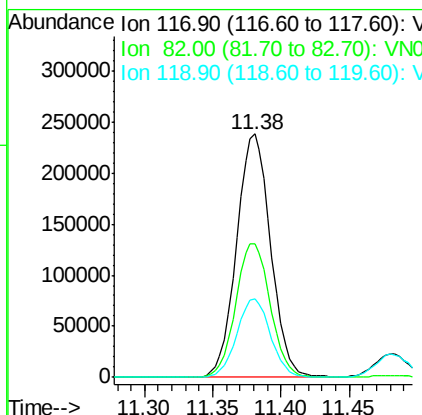
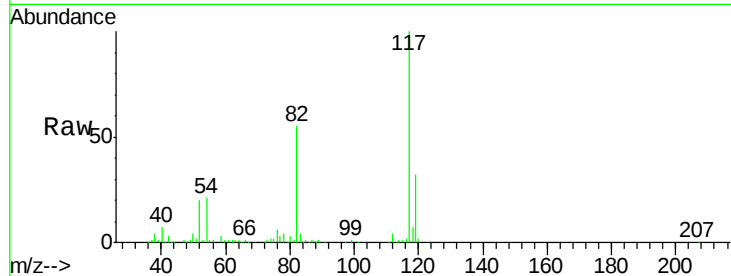
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Instrument :
MSVOA_N
ClientSampleId :
VN0624MBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	43.8	65.8
119	32.1	25.2	37.8

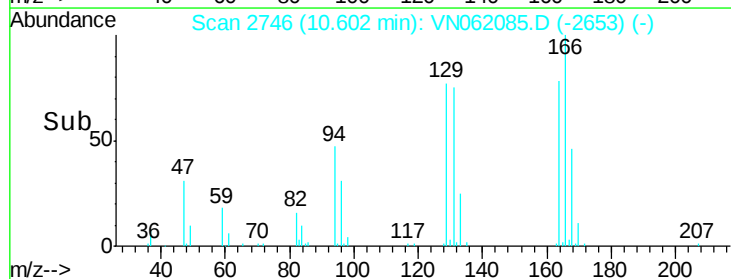
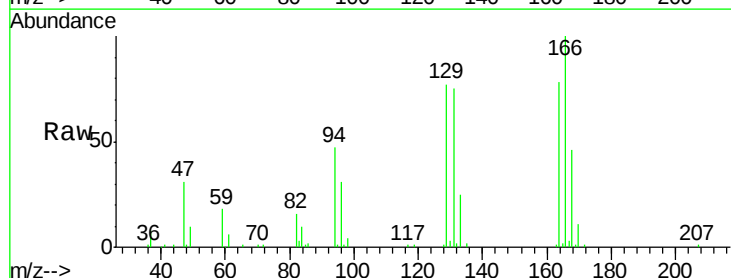
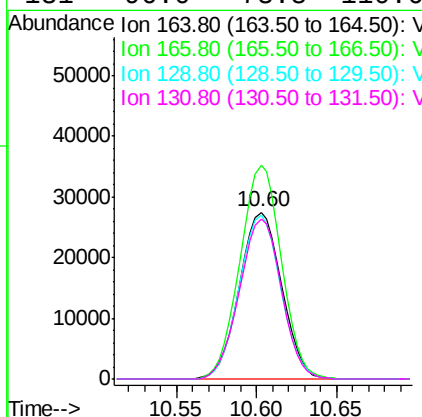
Manual Integrations
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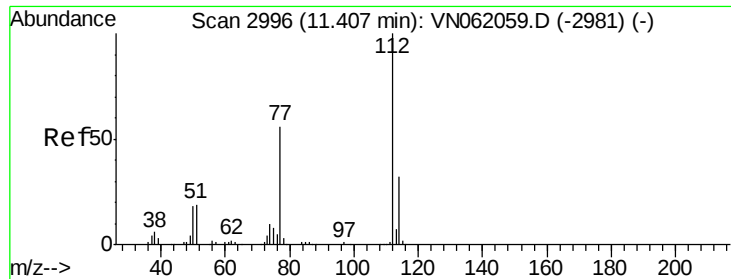
MMDadoda
6/25/2020 6:10:55 PM



#64
Tetrachloroethene
Concen: 17.539 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.9	102.9	154.3
129	97.8	75.8	113.8
131	96.0	73.8	110.6





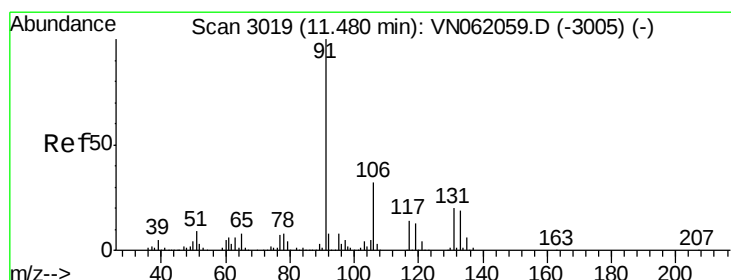
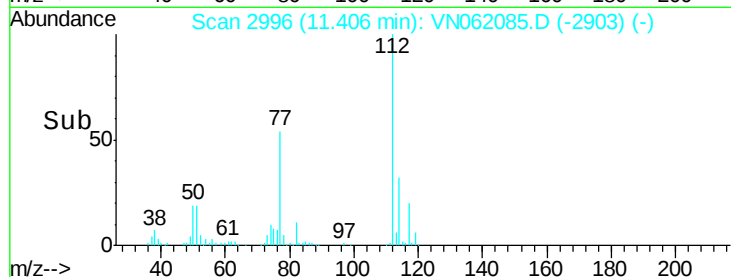
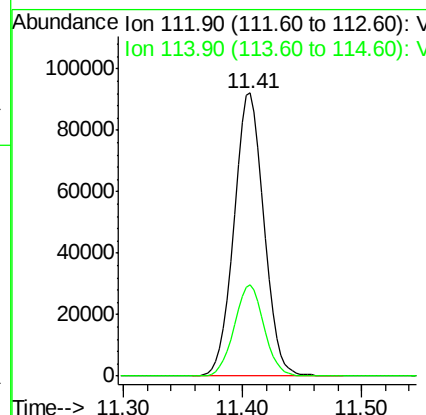
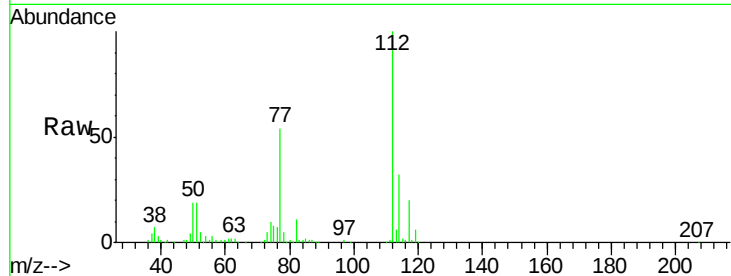
#65
Chlorobenzene
Concen: 17.701 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Instrument :
MSVOA_N
ClientSampleId :
VN0624MBSD01

Tot Ion:112 Resp: 160522
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.8

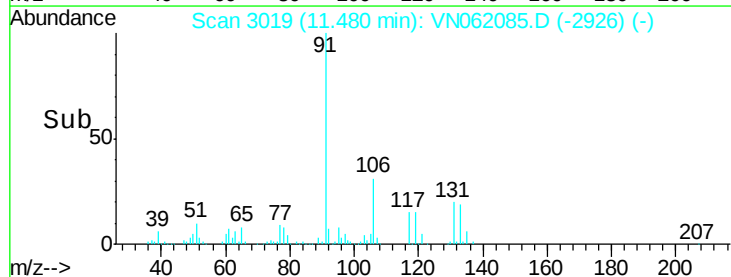
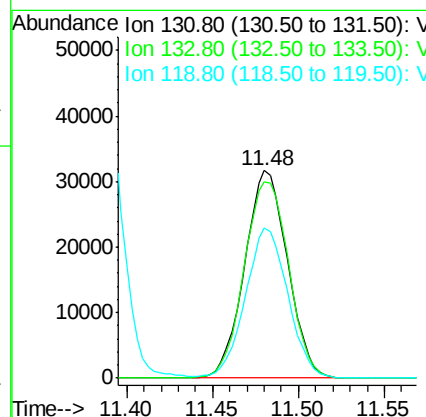
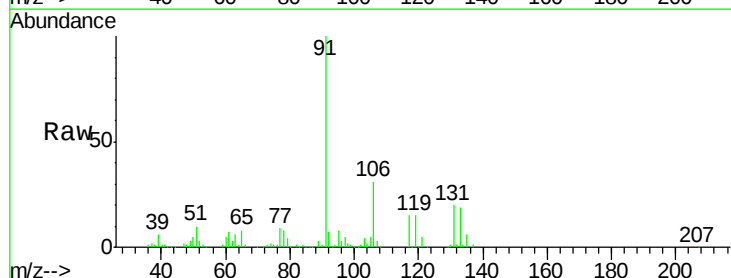
Manual Integrations
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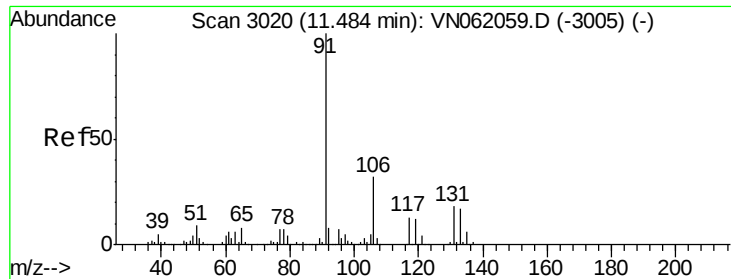
MMDadoda
6/25/2020 6:10:55 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 17.498 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Tgt Ion:131 Resp: 54870
Ion Ratio Lower Upper
131 100
133 98.4 47.6 142.9
119 72.0 34.4 103.3





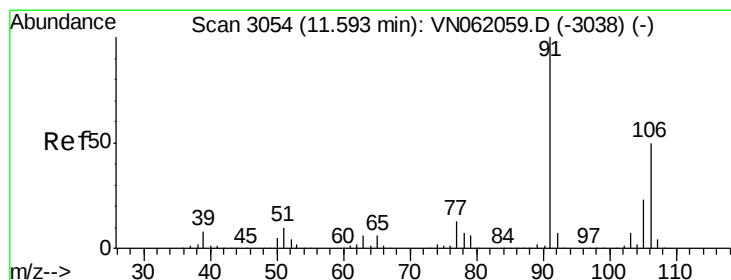
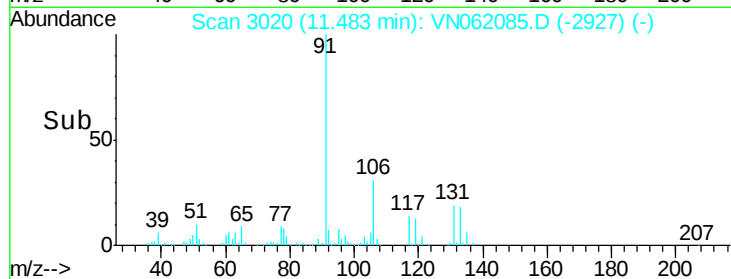
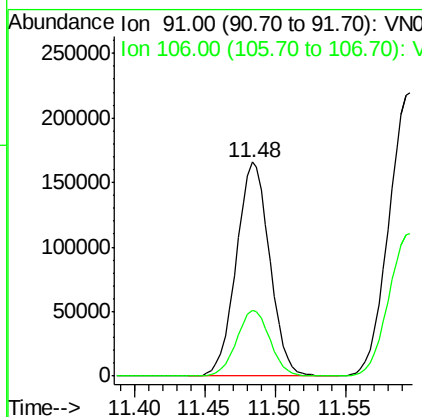
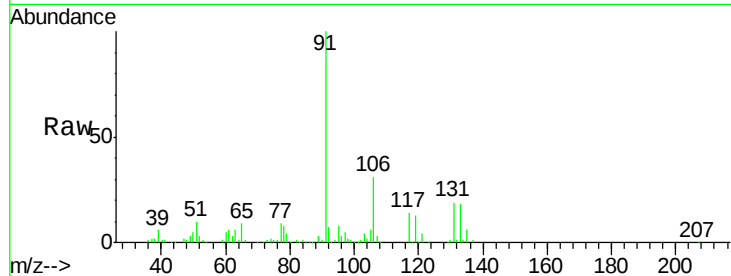
#67
Ethyl Benzene
Concen: 17.975 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Instrument :
MSVOA_N
ClientSampleId :
VN0624MBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.0	25.3	37.9

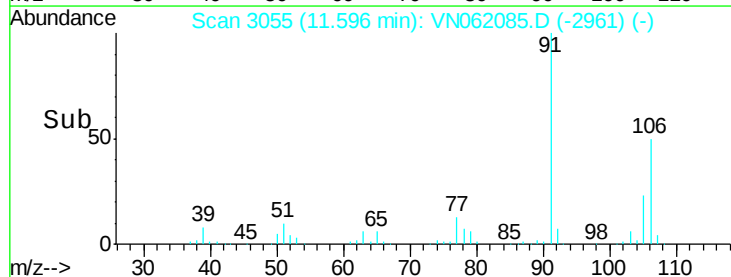
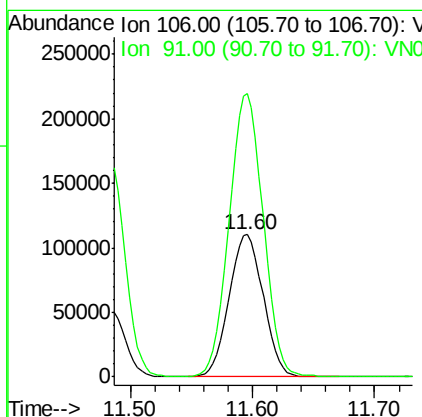
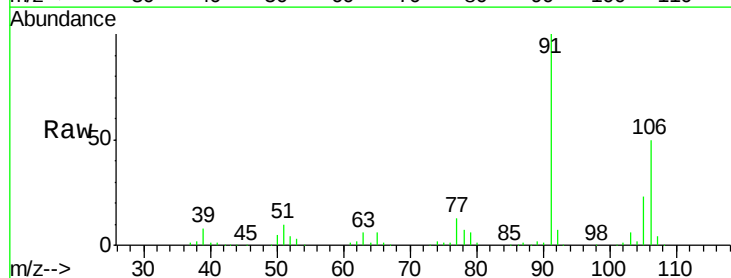
Manual Integrations
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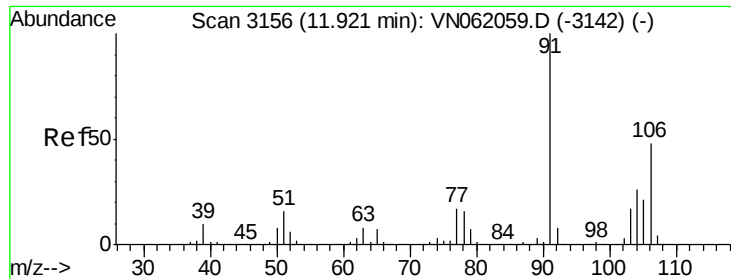
MMDadoda
6/25/2020 6:10:55 PM



#68
m/p-Xylenes
Concen: 36.296 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Tgt Ion	Ratio	Lower	Upper
106	100		
91	197.3	157.8	236.8





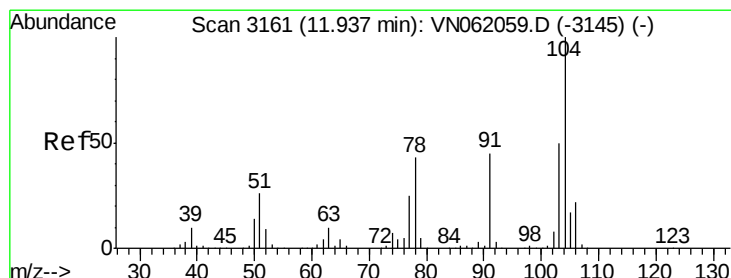
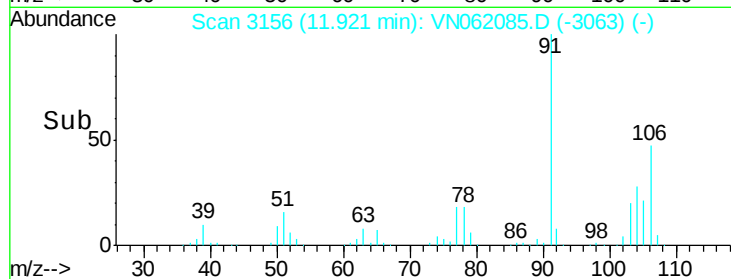
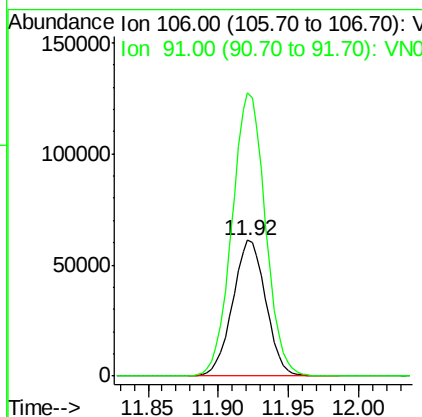
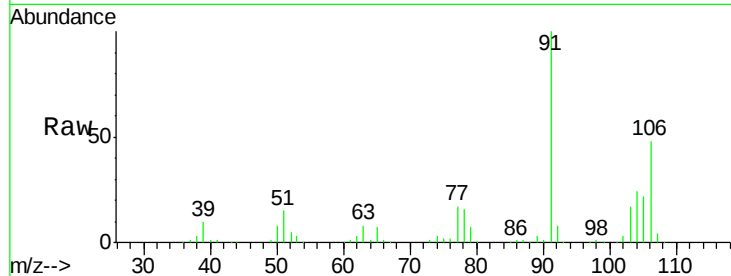
#69
o-Xylene
Concen: 18.069 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Instrument :
MSVOA_N
ClientSampleId :
VN0624MBSD01

Tot Ion:106 Resp: 100989
Ion Ratio Lower Upper
106 100
91 209.0 104.0 311.9

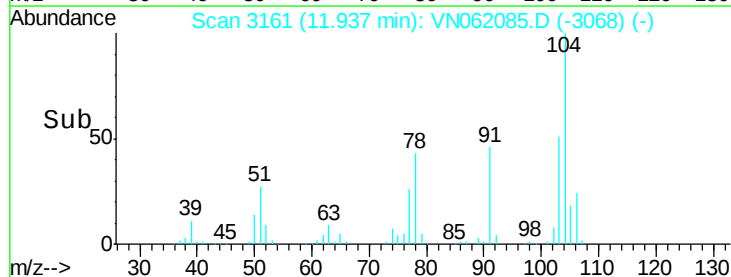
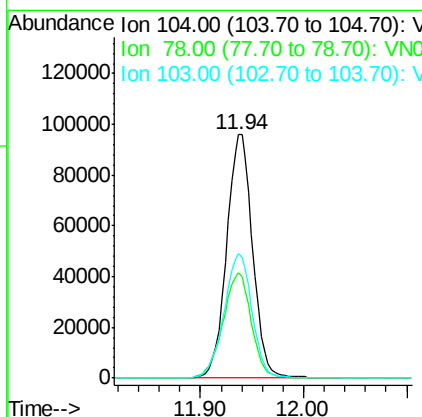
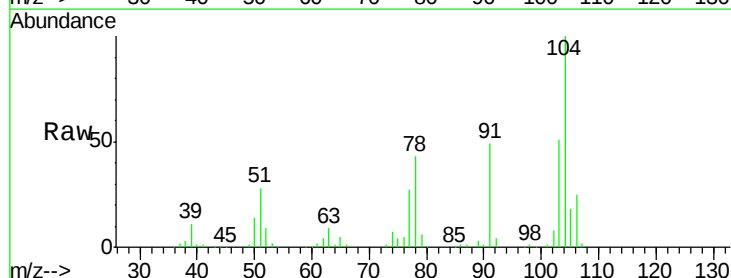
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#70
Styrene
Concen: 18.077 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Tgt Ion:104 Resp: 168494
Ion Ratio Lower Upper
104 100
78 47.2 37.7 56.5
103 54.9 43.0 64.6





#71

Bromoform

Concen: 17.821 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

VN0624MBSD01

Tot Ion:173 Resp: 39732

Ion Ratio Lower Upper

173 100

175 47.7 24.7 74.1

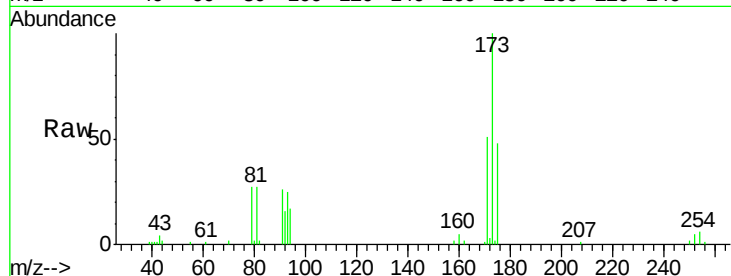
254 0.0 0.0 0.0

Manual Integrations

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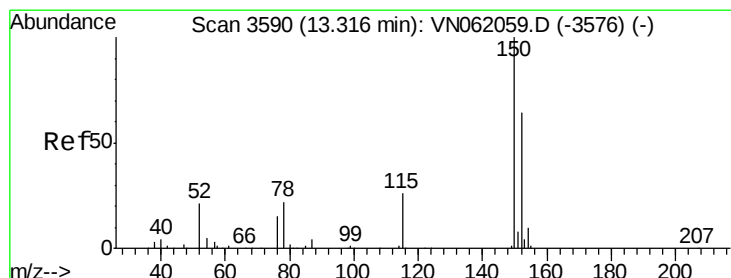
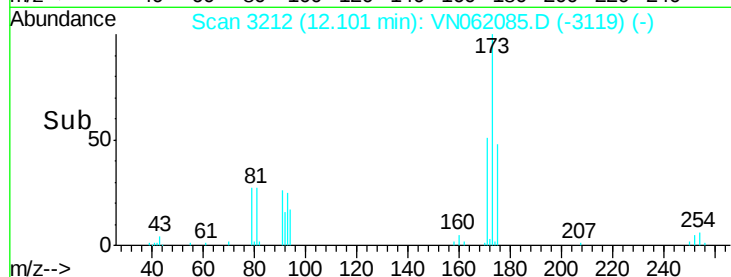
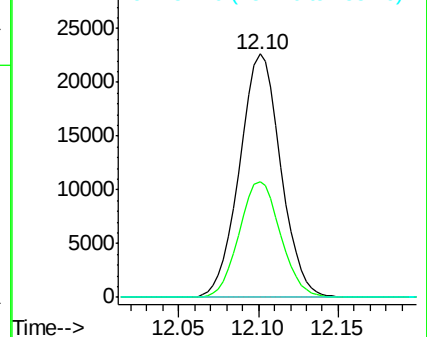
6/25/2020 6:10:55 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

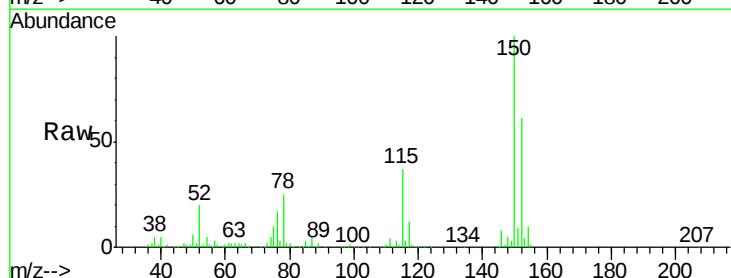
Tgt Ion:152 Resp: 183092

Ion Ratio Lower Upper

152 100

115 59.7 29.5 88.5

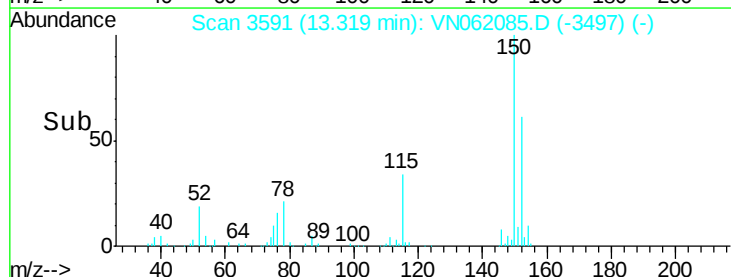
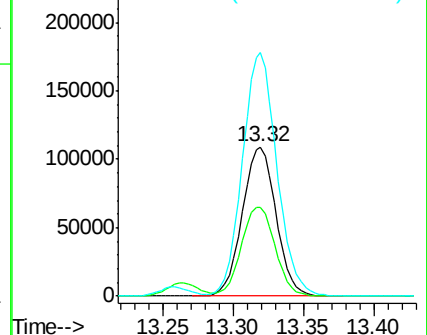
150 166.4 0.0 351.4

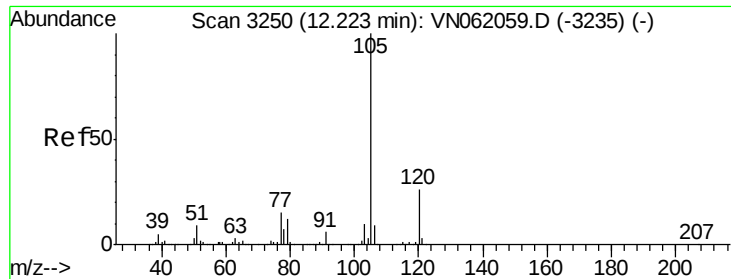


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





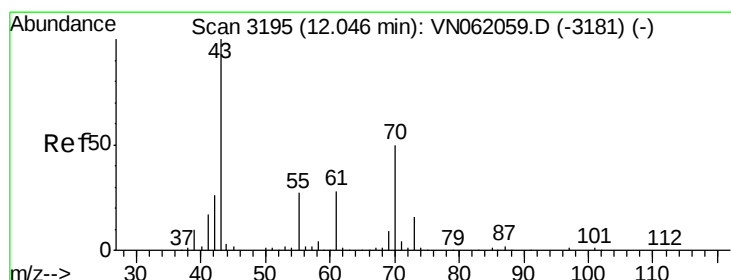
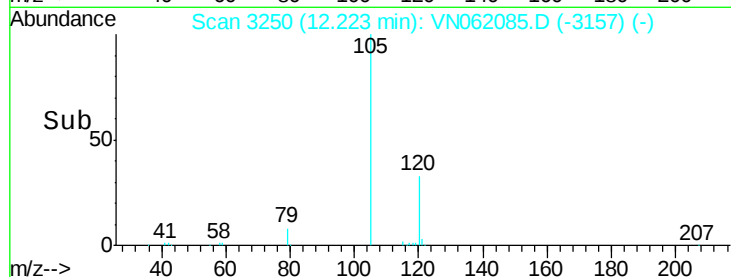
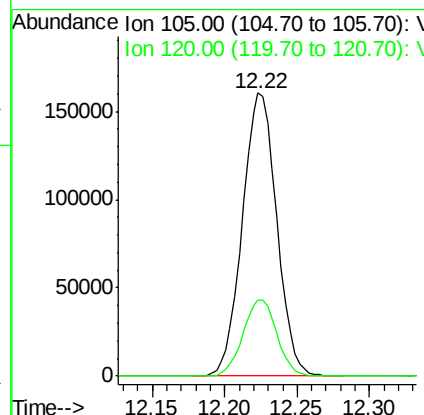
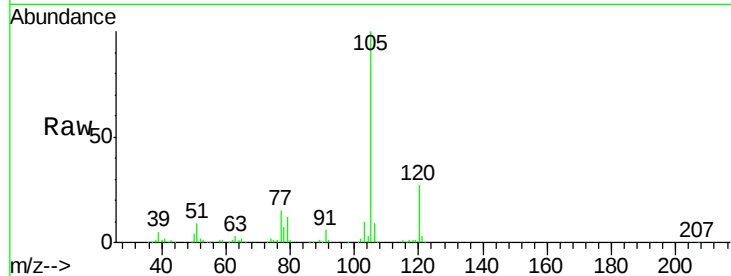
#73
Isopropylbenzene
Concen: 18.628 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Instrument :
MSVOA_N
ClientSampleId :
VN0624MBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.2	39.6

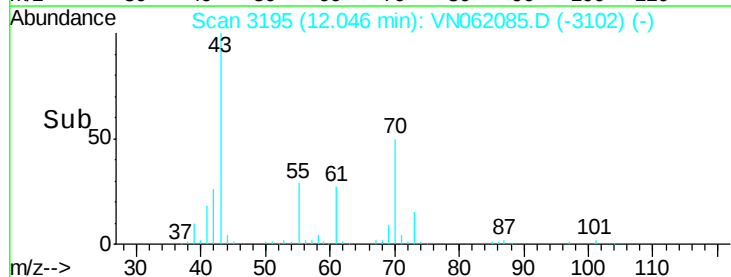
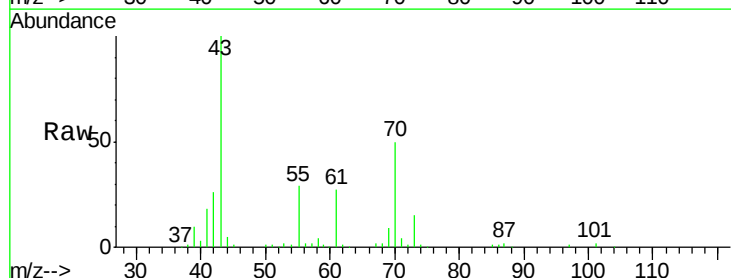
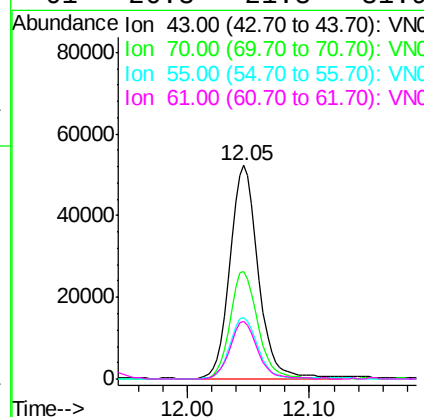
Manual Integrations
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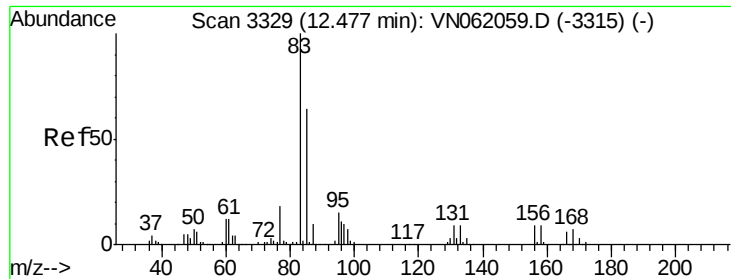
MMDadoda
6/25/2020 6:10:55 PM



#74
N-ethyl acetate
Concen: 18.674 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. 0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Tgt Ion	Ratio	Lower	Upper
43	100		
70	49.5	39.4	59.2
55	28.4	21.7	32.5
61	26.3	21.3	31.9





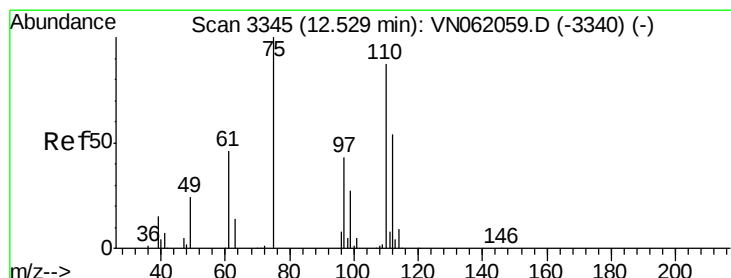
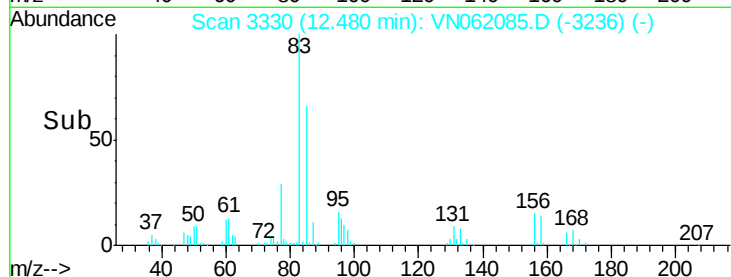
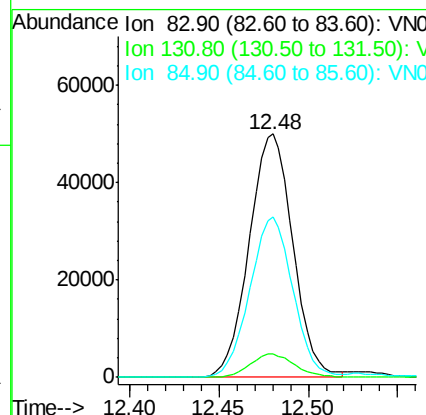
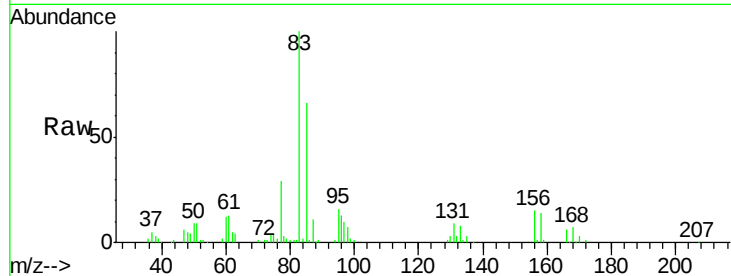
#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.193 ug/l
 RT: 12.48 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VN062085.D
 Acq: 25 Jun 2020 00:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	9.8	4.8	14.4	
85	64.8	32.4	97.0	

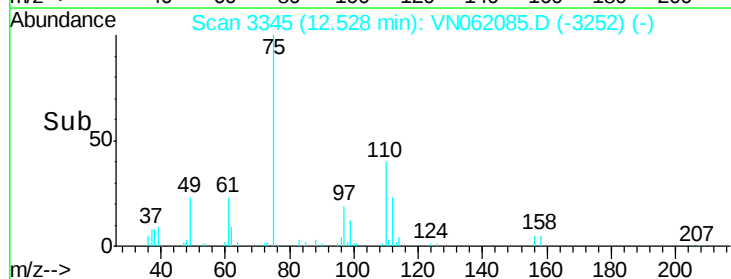
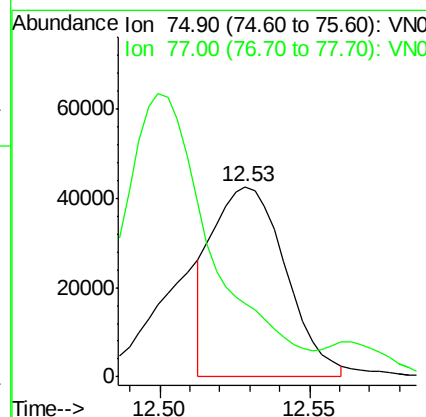
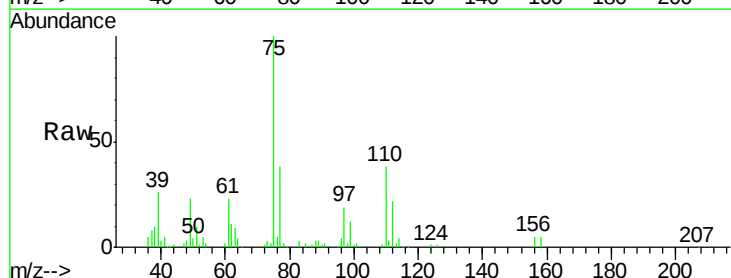
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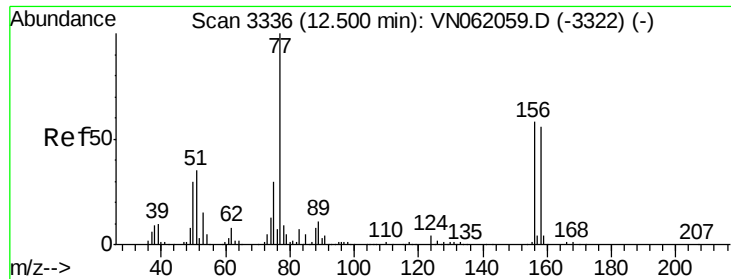
MMDadoda
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#76
 1,2,3-Trichloropropane
 Concen: 16.797 ug/l m
 RT: 12.53 min Scan# 3345
 Delta R.T. -0.00 min
 Lab File: VN062085.D
 Acq: 25 Jun 2020 00:38

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





#77

Bromobenzene

Concen: 18.223 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

Instrument :

MSVOA_N

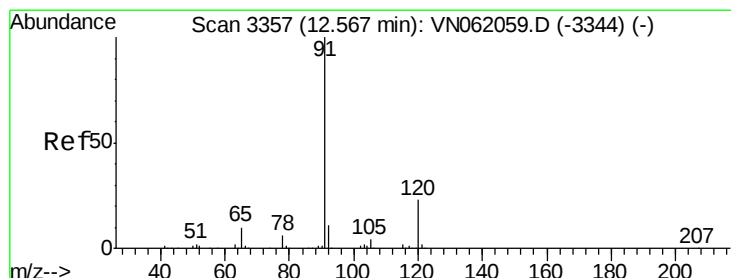
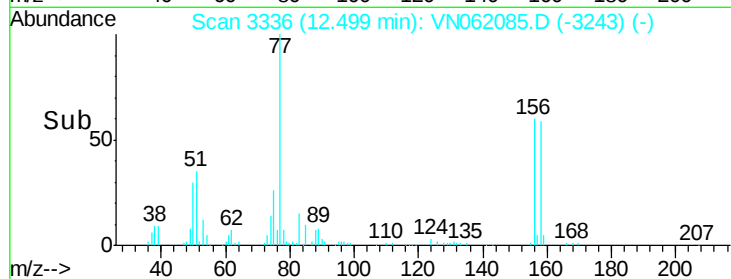
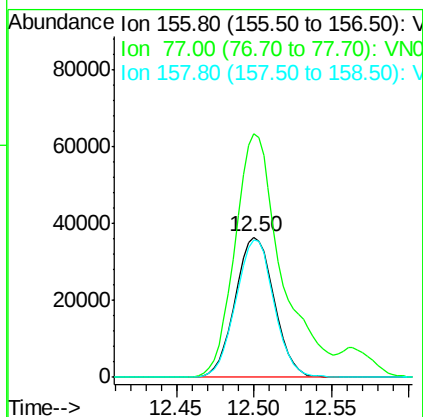
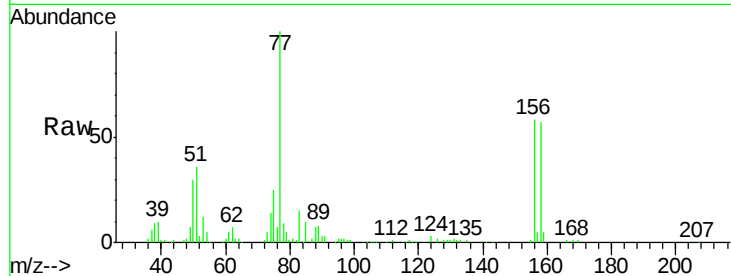
ClientSampleId :

VN0624MBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	206.5	104.6	313.8
158	96.2	48.0	144.0

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#78

n-propylbenzene

Concen: 18.340 ug/l

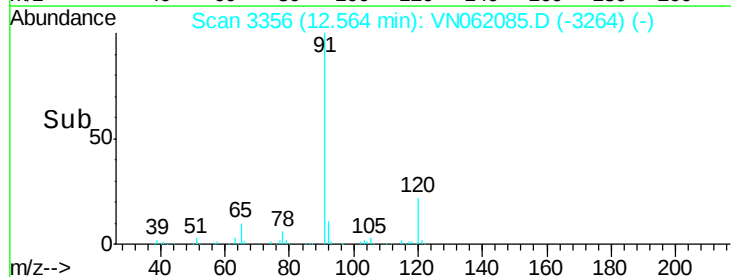
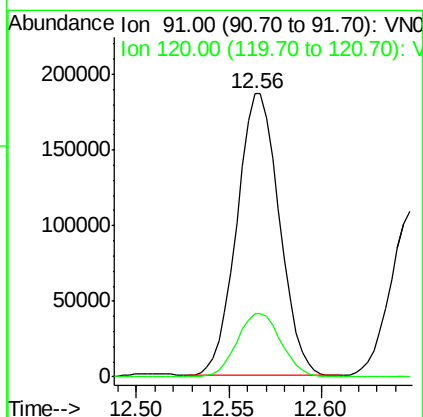
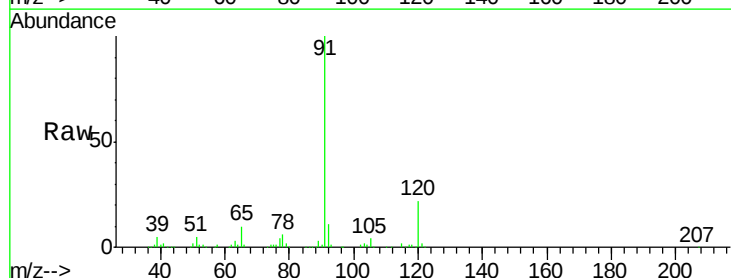
RT: 12.56 min Scan# 3356

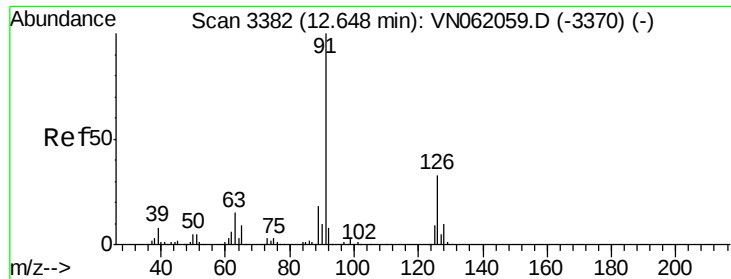
Delta R.T. -0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.4	34.1





#79

2-Chlorotoluene

Concen: 18.364 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

VN0624MBSD01

Tot Ion: 91 Resp: 179983

Ion Ratio Lower Upper

91 100

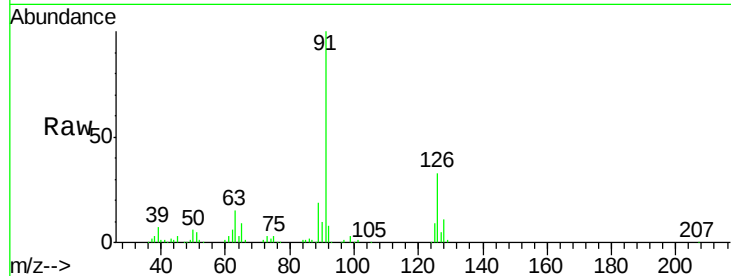
126 32.9 16.9 50.7

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Abundance Ion 91.00 (90.70 to 91.70): VN062085.D (-3382) (-)

Ion 125.90 (125.60 to 126.60): VN062085.D (-3382) (-)

200000

150000

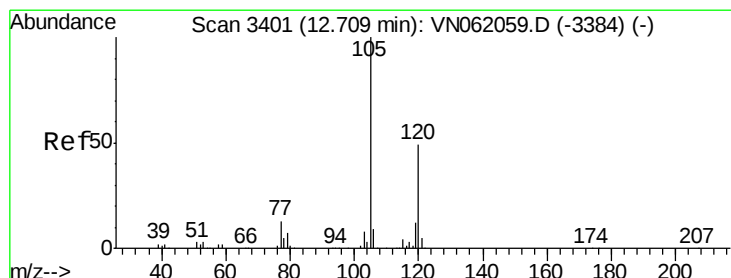
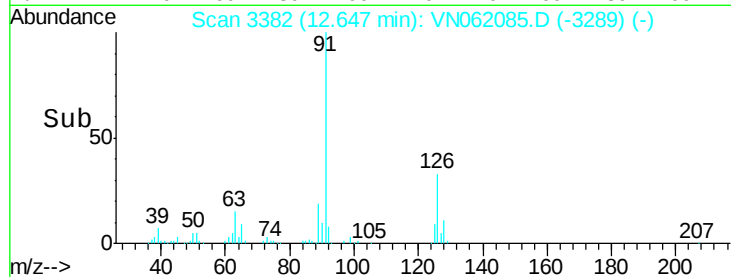
100000

50000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.817 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062085.D

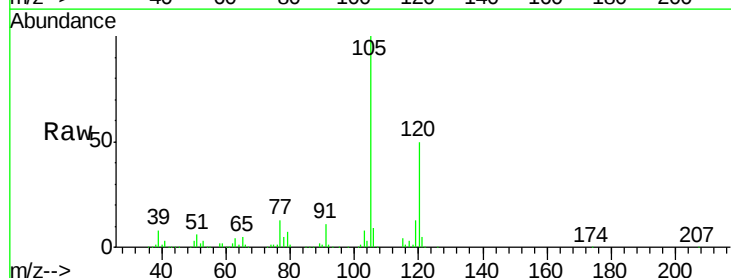
Acq: 25 Jun 2020 00:38

Tgt Ion: 105 Resp: 216189

Ion Ratio Lower Upper

105 100

120 49.4 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN062085.D (-3401) (-)

Ion 120.00 (119.70 to 120.70): VN062085.D (-3401) (-)

150000

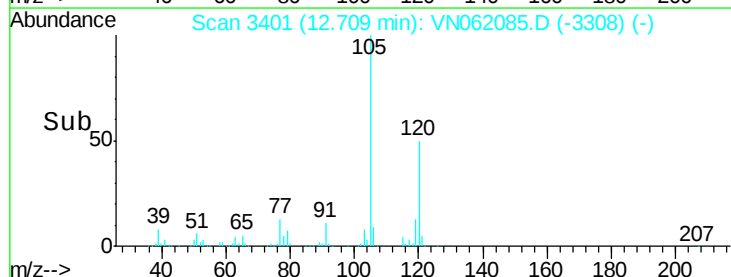
100000

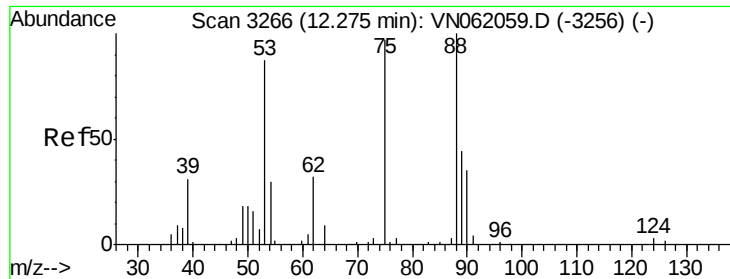
50000

0

12.60 12.70 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 15.613 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

Instrument :

MSVOA_N

ClientSampleId :

VN0624MBSD01

Tot Ion: 75 Resp: 23043

Ion Ratio Lower Upper

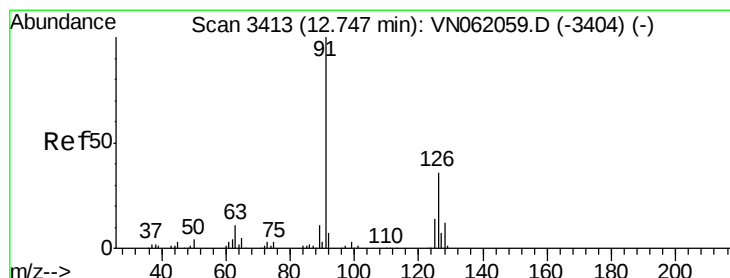
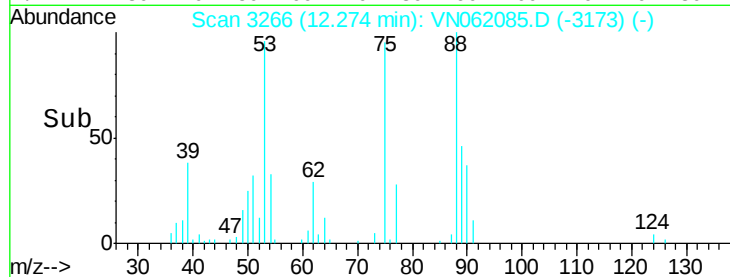
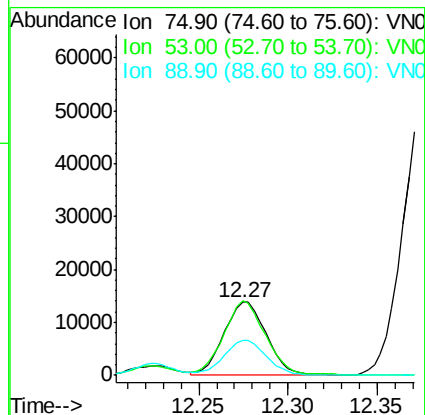
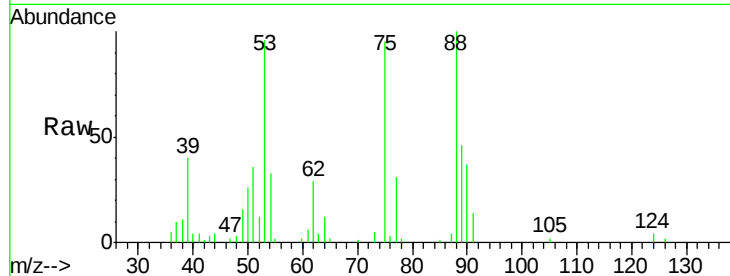
75 100

53 99.8 72.0 108.0

89 48.0 36.9 55.3

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#82

4-Chlorotoluene

Concen: 18.010 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062085.D

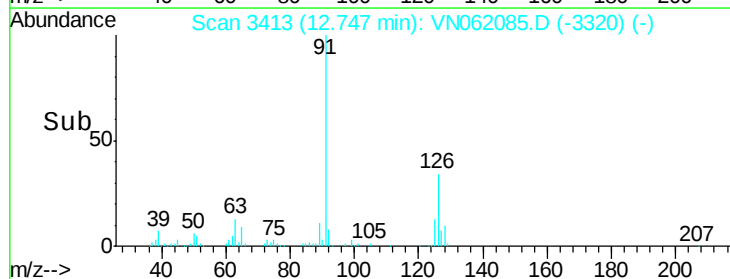
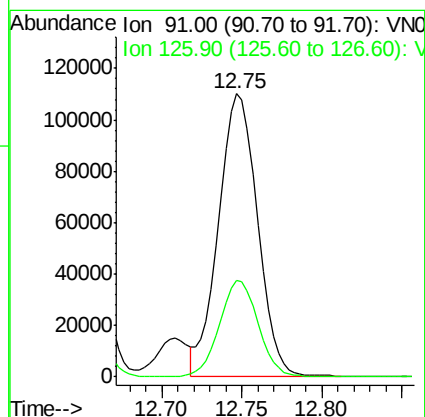
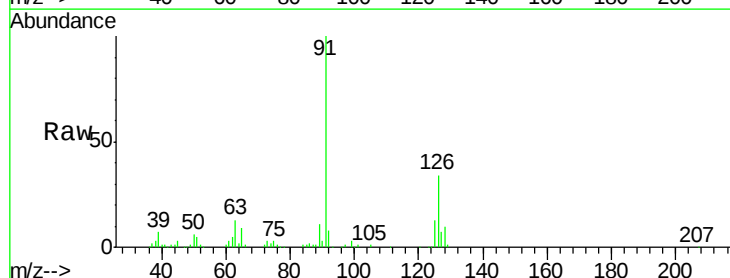
Acq: 25 Jun 2020 00:38

Tgt Ion: 91 Resp: 182529

Ion Ratio Lower Upper

91 100

126 34.0 16.7 50.1





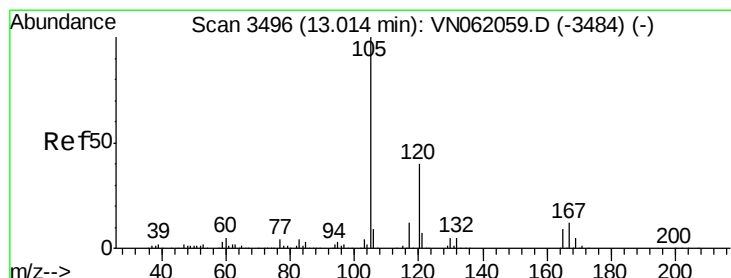
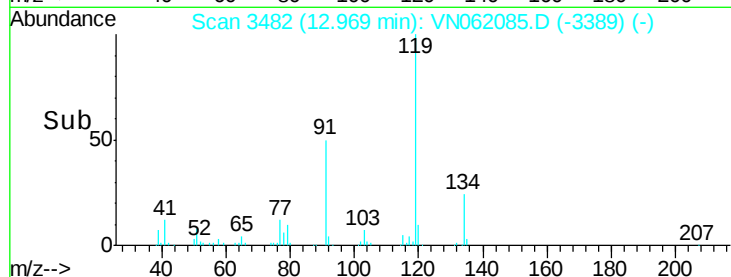
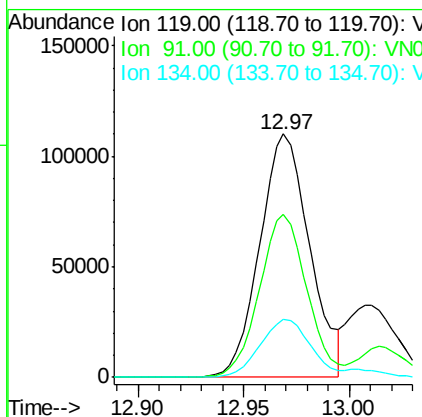
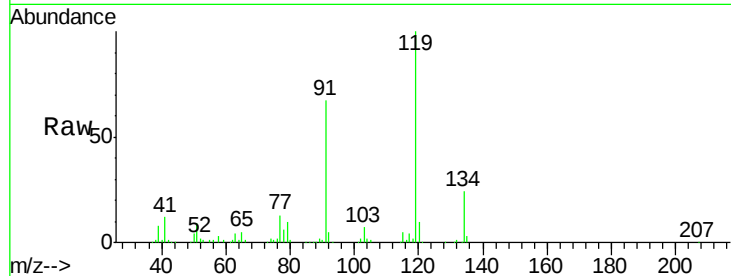
#83
 tert-Butylbenzene
 Concen: 18.501 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062085.D
 Acq: 25 Jun 2020 00:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	181910		
91	63.7		31.7	95.1
134	24.2		13.1	39.1

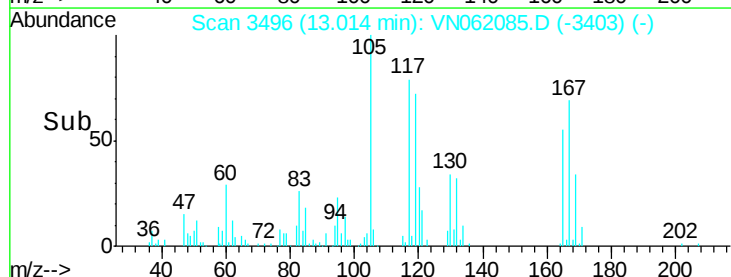
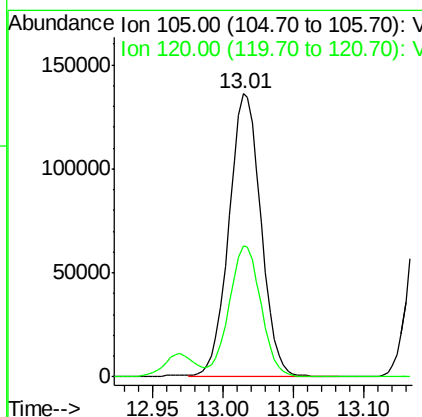
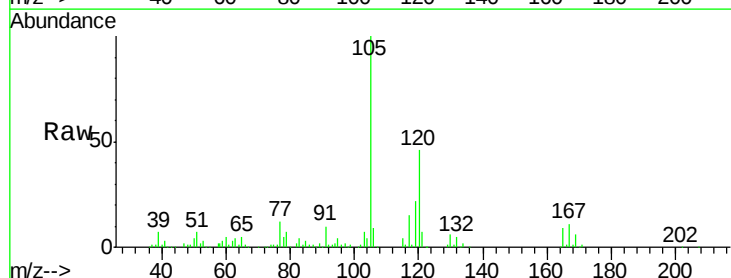
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.739 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062085.D
 Acq: 25 Jun 2020 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	215026		
120	46.3		23.2	69.5





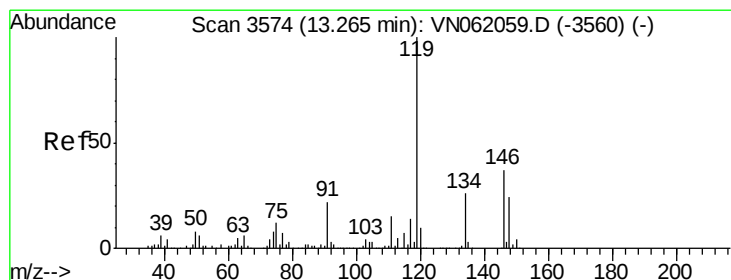
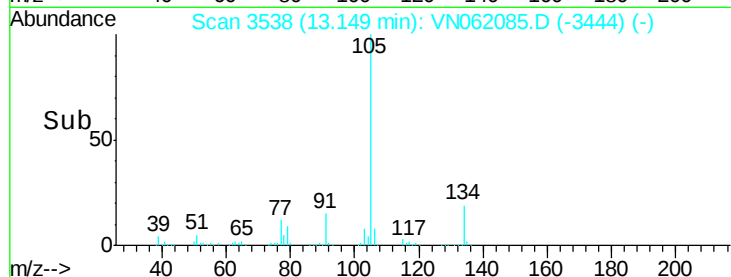
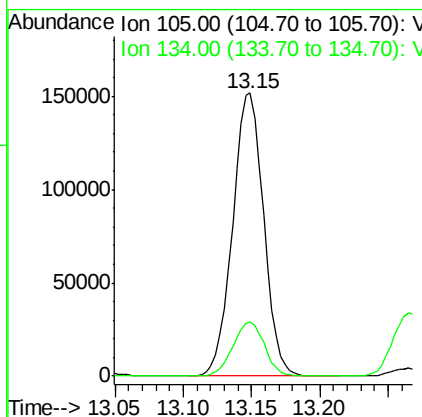
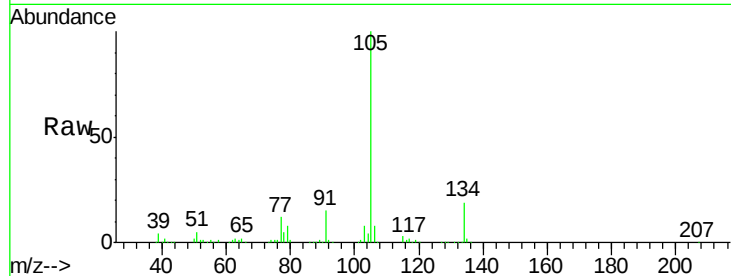
#85
 sec-Butylbenzene
 Concen: 18.328 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. 0.00 min
 Lab File: VN062085.D
 Acq: 25 Jun 2020 00:38

Instrument :
 MSVOA_N
 ClientSampled :
 VN0624MBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.7	29.1

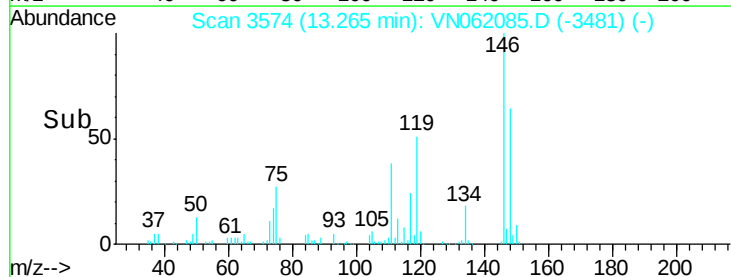
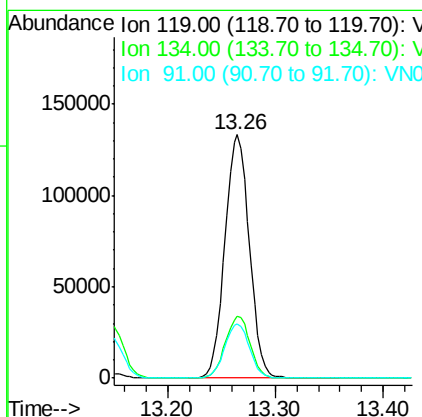
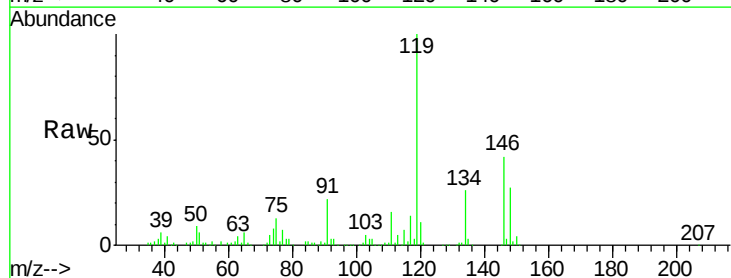
Manual Integrations
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#86
 p-Isopropyltoluene
 Concen: 18.489 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062085.D
 Acq: 25 Jun 2020 00:38

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.0	39.0
91	22.8	11.3	33.8





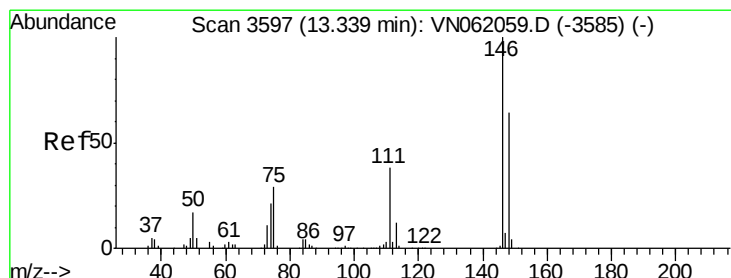
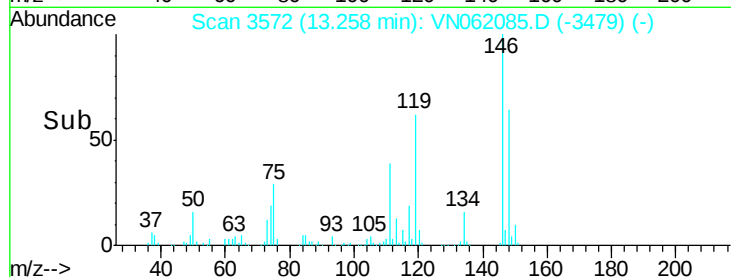
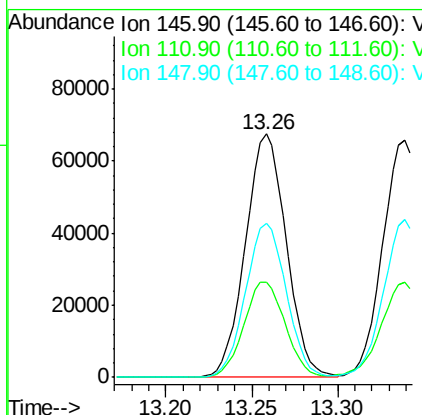
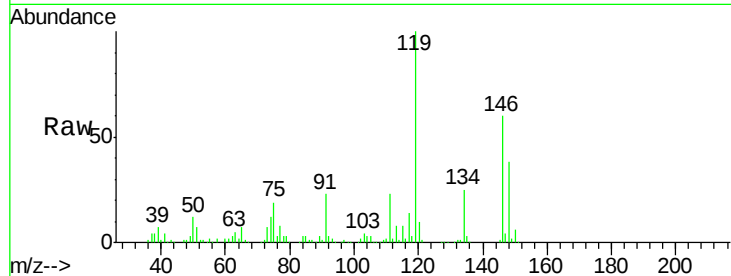
#87
 1,3-Dichlorobenzene
 Concen: 18.036 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062085.D
 Acq: 25 Jun 2020 00:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.3	61.0
148	63.2	31.8	95.3

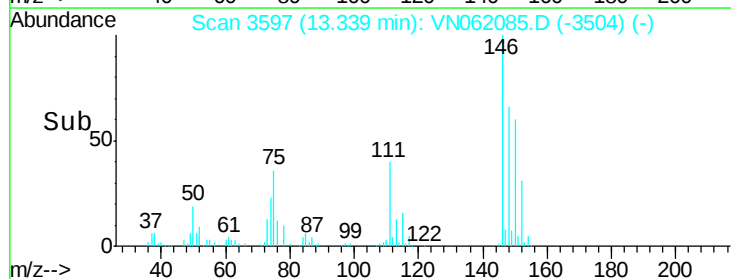
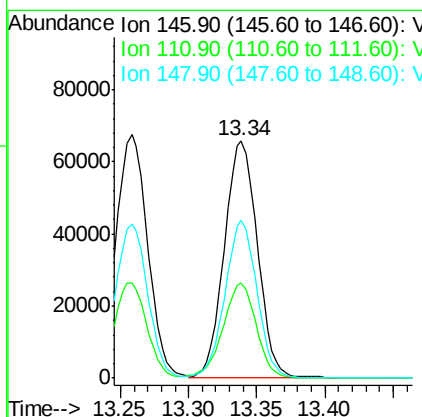
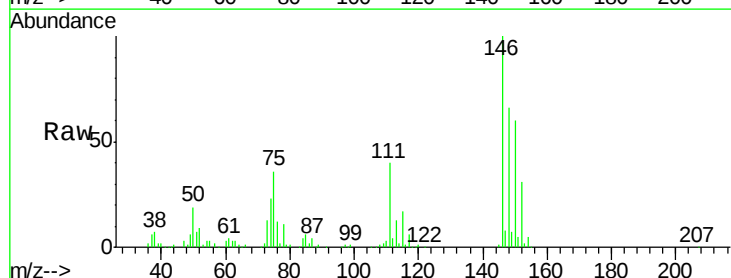
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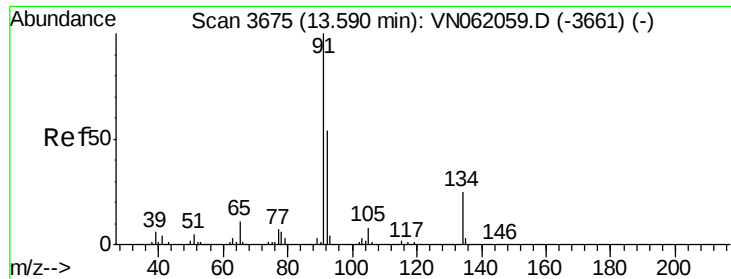
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#88
 1,4-Dichlorobenzene
 Concen: 17.475 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062085.D
 Acq: 25 Jun 2020 00:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.9	59.6
148	64.1	31.9	95.9





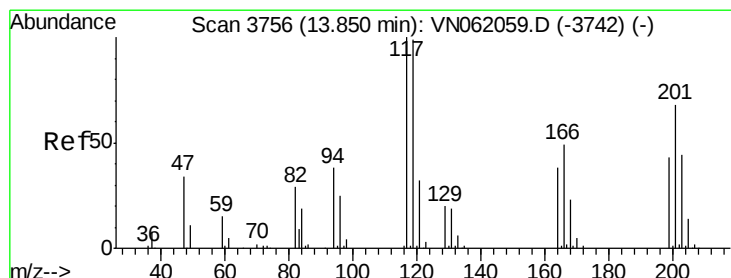
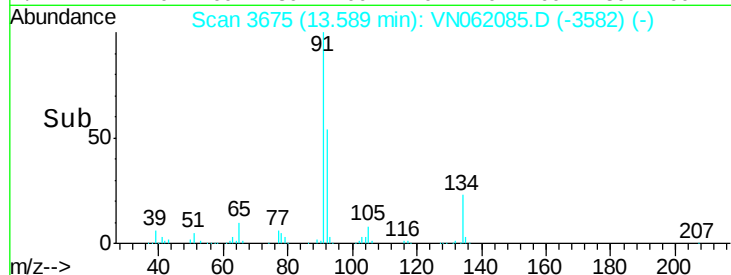
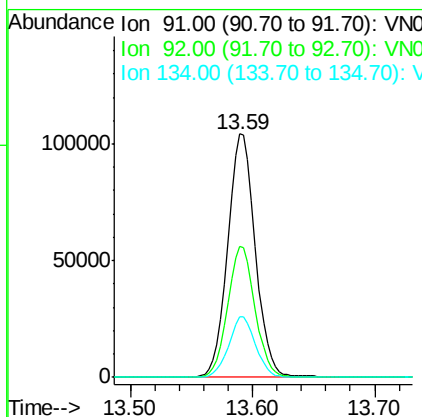
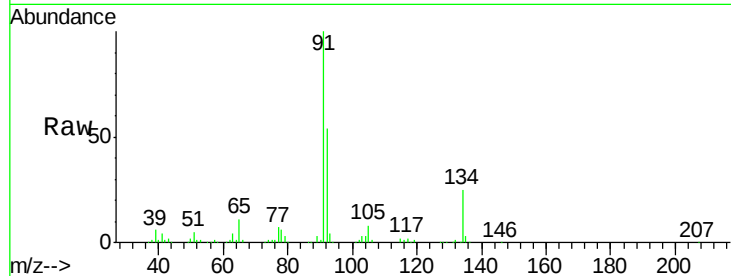
#89
n-Butylbenzene
Concen: 17.494 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Instrument :
MSVOA_N
ClientSampleId :
VN0624MBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.6	79.7
134	24.4	12.3	36.9

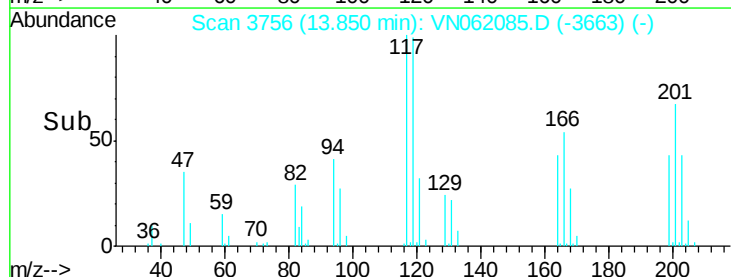
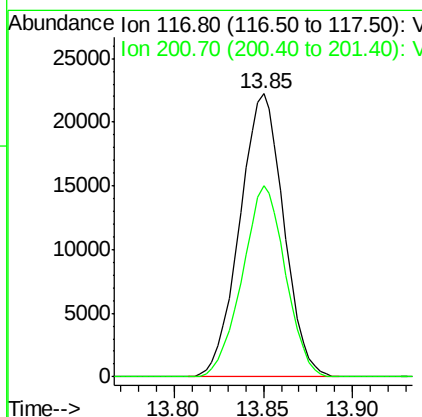
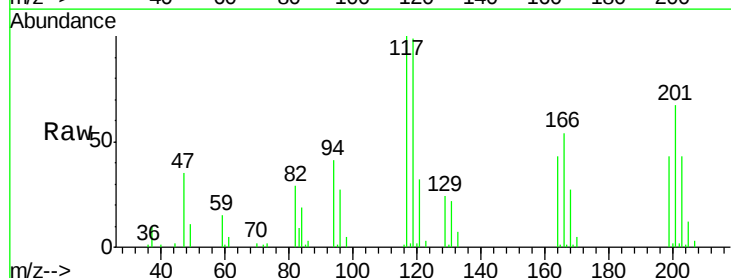
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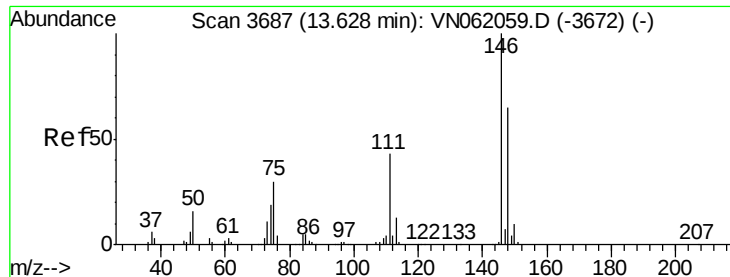
MMDadoda
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#90
Hexachloroethane
Concen: 17.143 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062085.D
Acq: 25 Jun 2020 00:38

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.0	32.7	98.1





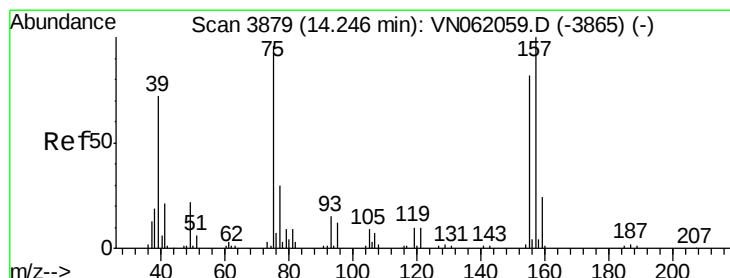
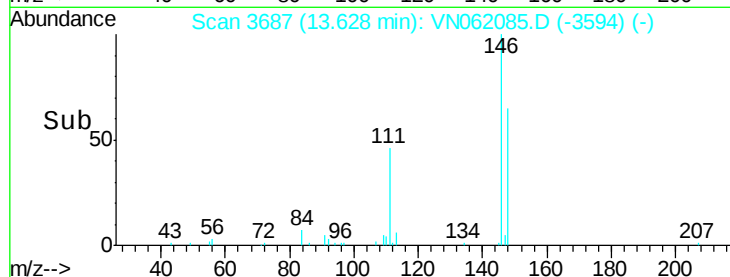
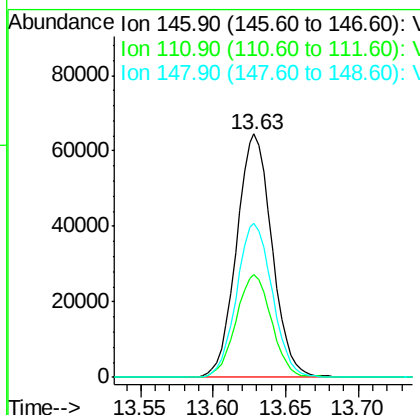
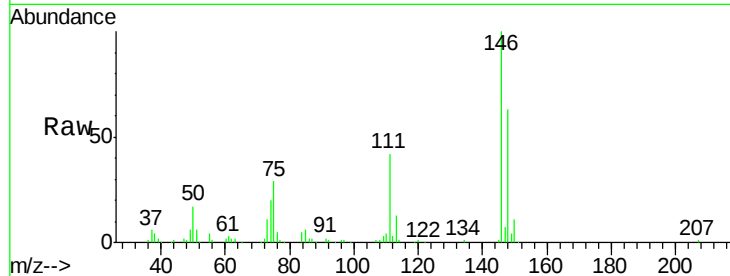
#91
 1,2-Dichlorobenzene
 Concen: 18.279 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062085.D
 Acq: 25 Jun 2020 00:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.2	63.6
148	63.7	31.9	95.5

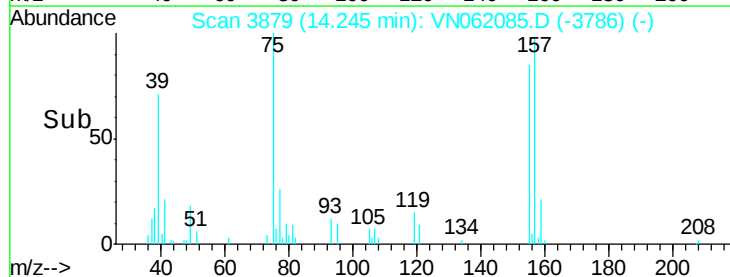
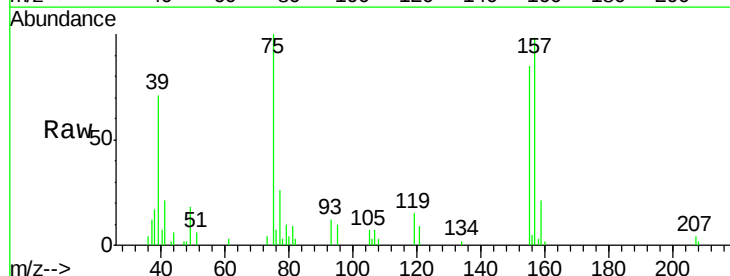
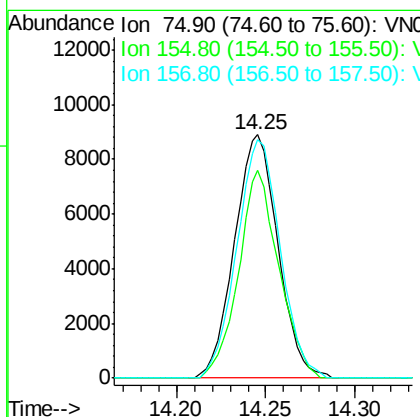
Manual Integrations
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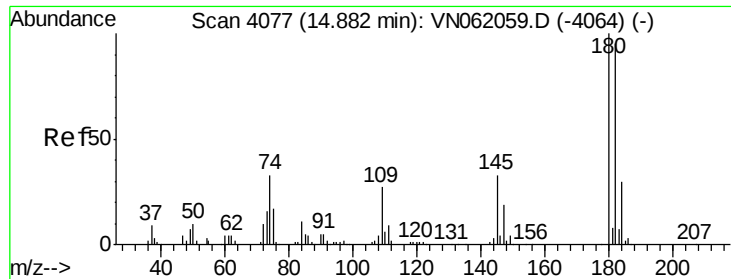
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.971 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062085.D
 Acq: 25 Jun 2020 00:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.2	40.8	122.4
157	98.0	51.4	154.3





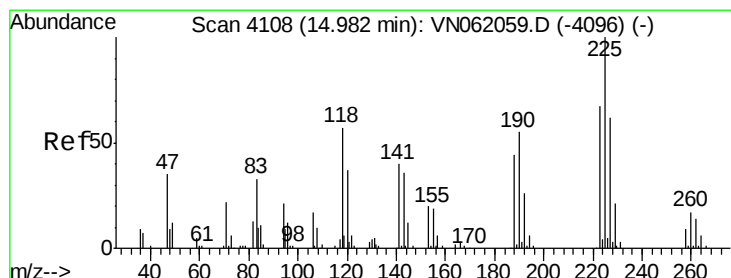
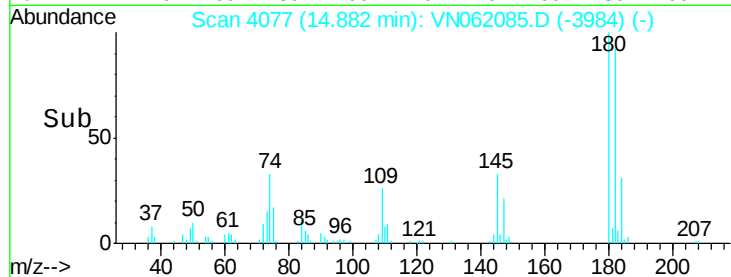
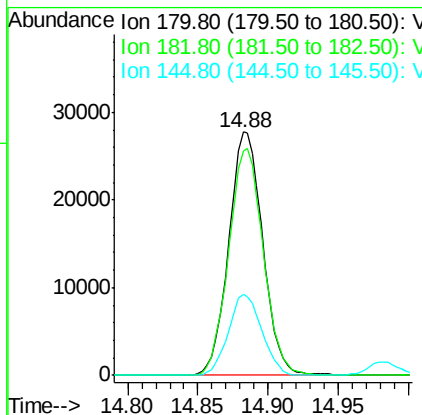
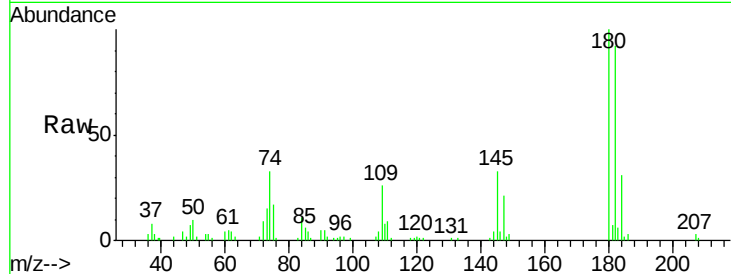
#93
 1,2,4-Trichlorobenzene
 Concen: 17.886 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062085.D
 Acq: 25 Jun 2020 00:38

Instrument :
 MSVOA_N
 ClientSampled :
 VN0624MBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	46815		
182	94.6		48.0	144.2
145	32.6		16.0	48.0

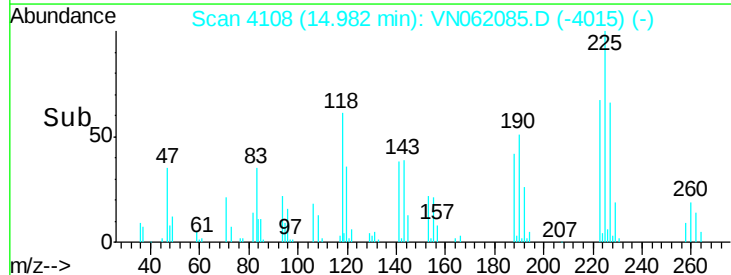
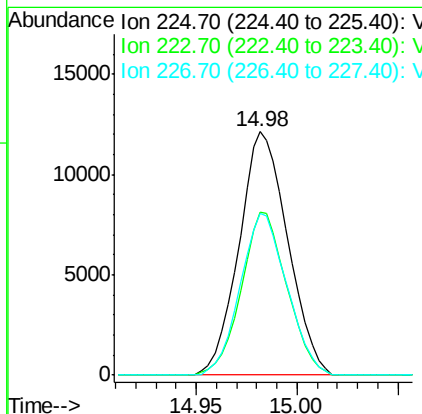
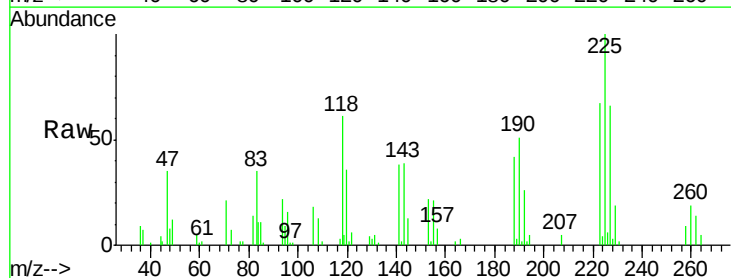
Manual Integrations
 APPROVED

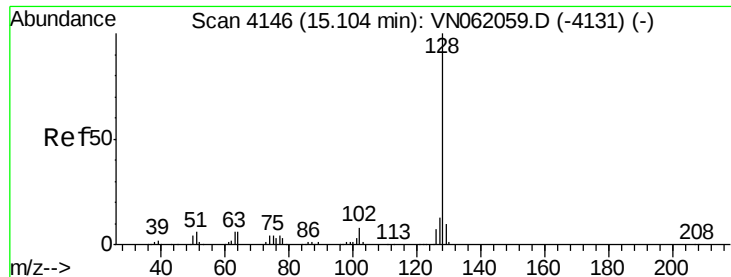
MMDadoda
 6/25/2020 6:10:55 PM



#94
 Hexachlorobutadiene
 Concen: 17.996 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062085.D
 Acq: 25 Jun 2020 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	20458		
223	62.8		32.9	98.7
227	63.5		31.3	93.8





#95

Naphthalene

Concen: 18.418 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

Instrument :

MSVOA_N

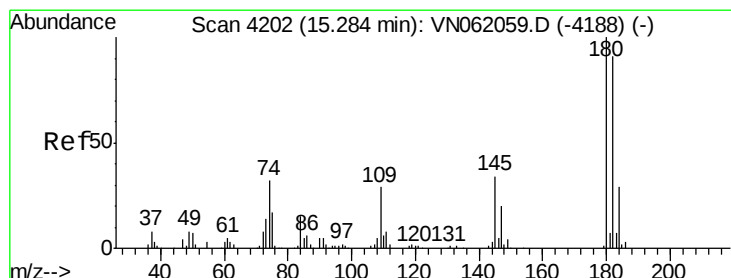
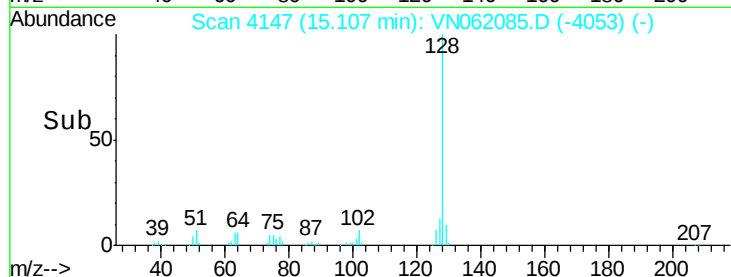
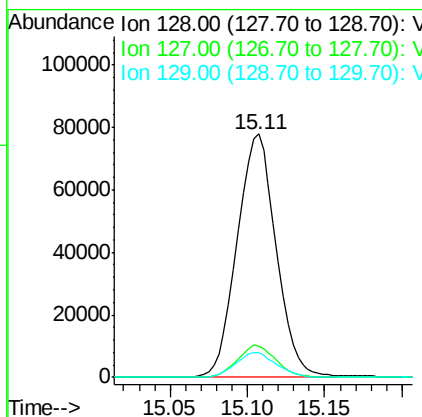
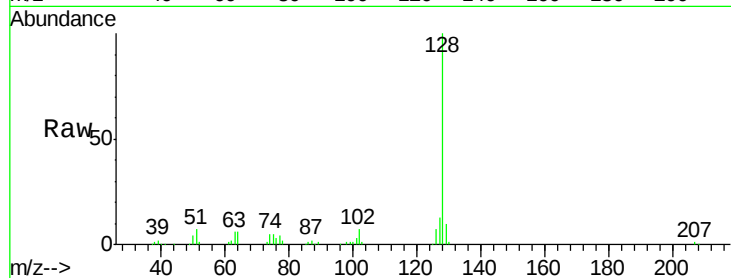
ClientSampleId :

VN0624MBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.6	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/25/2020 6:10:55 PM



#96

1,2,3-Trichlorobenzene

Concen: 18.428 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062085.D

Acq: 25 Jun 2020 00:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	46.8	140.4
145	33.7	16.4	49.2

