

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062131.D
 Acq On : 26 Jun 2020 11:42
 Operator : JC/MD
 Sample : VN0626WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/29/2020 12:35:29 PM

Quant Time: Jun 27 04:09:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	246404	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	430521	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	390605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	175621	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	161977	46.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.68%	
35) Dibromofluoromethane	7.55	113	135624	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
50) Toluene-d8	10.06	98	519028	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	
62) 4-Bromofluorobenzene	12.37	95	171020	45.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.70%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	50388	18.092	ug/l	97
3) Chloromethane	2.03	50	63622	18.562	ug/l	99
4) Vinyl Chloride	2.16	62	78033	17.791	ug/l	96
5) Bromomethane	2.53	94	55060	19.423	ug/l	99
6) Chloroethane	2.67	64	54586	18.218	ug/l	100
7) Trichlorofluoromethane	2.98	101	100319	18.562	ug/l	99
8) Diethyl Ether	3.38	74	36809	19.505	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	53270	18.822	ug/l	96
10) Methyl Iodide	3.91	142	63630	19.963	ug/l	98
11) Tert butyl alcohol	4.73	59	46443	93.546	ug/l	99
12) 1,1-Dichloroethene	3.70	96	54051	19.104	ug/l	98
13) Acrolein	3.57	56	32125	66.090	ug/l	100
14) Allyl chloride	4.27	41	72274	18.762	ug/l	99
15) Acrylonitrile	4.93	53	126312	93.363	ug/l	98
16) Acetone	3.78	43	104064	93.340	ug/l	97
17) Carbon Disulfide	4.01	76	142166	17.576	ug/l	99
18) Methyl Acetate	4.28	43	50211	18.267	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	176710	19.546	ug/l	99
20) Methylene Chloride	4.50	84	62164	19.451	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	59221	18.374	ug/l	93
22) Diisopropyl ether	5.90	45	163161	18.603	ug/l	93
23) Vinyl Acetate	5.84	43	657236	91.782	ug/l	99
24) 1,1-Dichloroethane	5.80	63	103018	18.240	ug/l	99
25) 2-Butanone	6.79	43	153628	90.895	ug/l	98
26) 2,2-Dichloropropane	6.77	77	89483	19.013	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	68405	18.861	ug/l	95
28) Bromochloromethane	7.15	49	42060	17.164	ug/l	95
29) Tetrahydrofuran	7.17	42	103741	93.702	ug/l	98
30) Chloroform	7.33	83	106734	18.574	ug/l	99
31) Cyclohexane	7.61	56	87150	18.242	ug/l	89
32) 1,1,1-Trichloroethane	7.53	97	92872	19.165	ug/l	98
36) 1,1-Dichloropropene	7.75	75	78442	18.127	ug/l	98
37) Ethyl Acetate	6.88	43	66521	18.564	ug/l #	91
38) Carbon Tetrachloride	7.73	117	78835	19.323	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	85590	18.051	ug/l	98
40) Benzene	8.00	78	238827	18.107	ug/l	100
41) Methacrylonitrile	7.12	41	24858	14.964	ug/l #	83
42) 1,2-Dichloroethane	8.09	62	81116	18.203	ug/l	98
43) Isopropyl Acetate	8.13	43	108831	18.631	ug/l	99
44) Trichloroethene	8.80	130	62697	18.844	ug/l	98
45) 1,2-Dichloropropane	9.09	63	60107	18.472	ug/l	99
46) Dibromomethane	9.18	93	41807	18.950	ug/l	97
47) Bromodichloromethane	9.37	83	84130	18.886	ug/l	99
48) Methyl methacrylate	9.17	41	47333	18.072	ug/l	99
49) 1,4-Dioxane	9.17	88	21742	374.333	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	322158	94.395	ug/l	98
52) Toluene	10.12	92	156707	19.472	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	91010	18.570	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	99396	19.050	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	61525	19.448	ug/l	99
56) Ethyl methacrylate	10.40	69	80791	19.137	ug/l	96
57) 1,3-Dichloropropane	10.68	76	102148	18.760	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	137397	87.619	ug/l	97
59) 2-Hexanone	10.72	43	229878	93.279	ug/l	97
60) Dibromochloromethane	10.87	129	64325	19.206	ug/l	99
61) 1,2-Dibromoethane	10.98	107	61850	19.028	ug/l	98
64) Tetrachloroethene	10.60	164	53801	20.164	ug/l	98
65) Chlorobenzene	11.41	112	164594	19.188	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	60114	20.267	ug/l	99
67) Ethyl Benzene	11.48	91	283391	19.562	ug/l	96
68) m/p-Xylenes	11.59	106	224171	40.007	ug/l	96
69) o-Xylene	11.92	106	106778	20.197	ug/l	98
70) Styrene	11.94	104	169182	19.188	ug/l	99
71) Bromoform	12.10	173	41759	19.801	ug/l #	98
73) Isopropylbenzene	12.22	105	276115	20.311	ug/l	98
74) N-amyl acetate	12.05	43	85556	19.296	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	85514	18.903	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	78427m	18.970	ug/l	
77) Bromobenzene	12.50	156	67382	19.965	ug/l	97
78) n-propylbenzene	12.56	91	307596	19.781	ug/l	99
79) 2-Chlorotoluene	12.65	91	185033	19.683	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	222465	20.187	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	27525	19.443	ug/l	98
82) 4-Chlorotoluene	12.75	91	186826	19.218	ug/l	100
83) tert-Butylbenzene	12.97	119	189512	20.094	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	223496	20.306	ug/l	98
85) sec-Butylbenzene	13.15	105	252706	20.278	ug/l	98
86) p-Isopropyltoluene	13.26	119	222662	20.393	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	116510	19.659	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	114323	18.713	ug/l	99
89) n-Butylbenzene	13.59	91	168886	18.605	ug/l	98
90) Hexachloroethane	13.85	117	41620	19.429	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	113870	19.814	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	13980	19.291	ug/l	93

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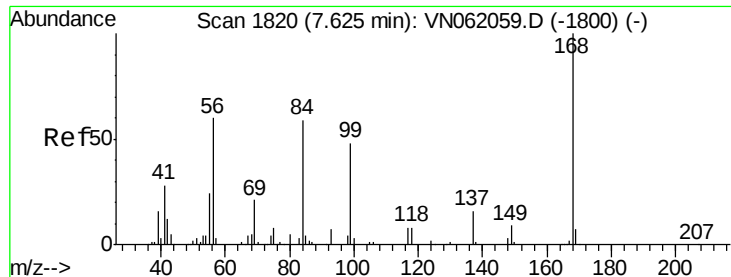
Manual Integrations
APPROVED

MMDadoda
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	47438	18.895	ug/l	98
94) Hexachlorobutadiene	14.98	225	22254	20.408	ug/l	97
95) Naphthalene	15.10	128	139201	19.295	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	49687	19.355	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBS01

Tot Ion:168 Resp: 246404

Ion Ratio Lower Upper

168 100

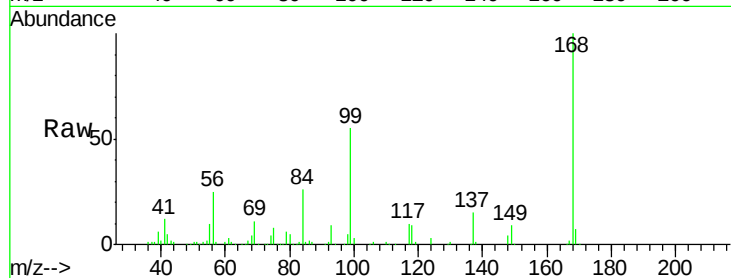
99 54.7 45.8 68.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

120000

100000

80000

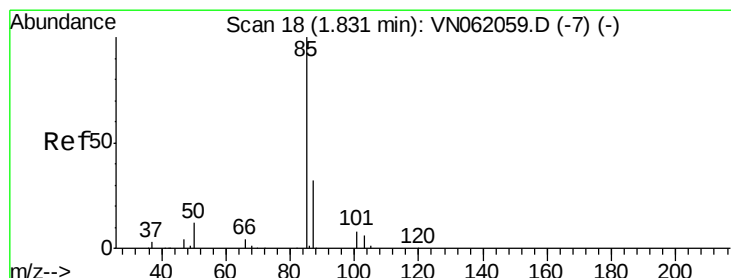
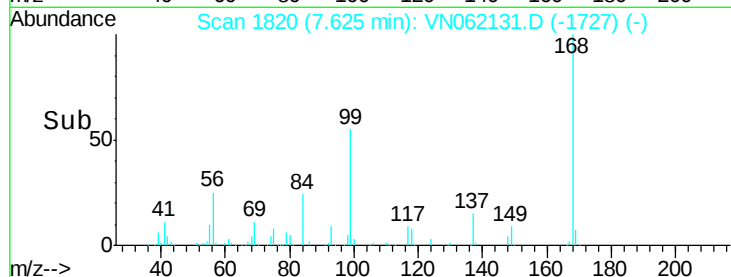
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 18.092 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062131.D

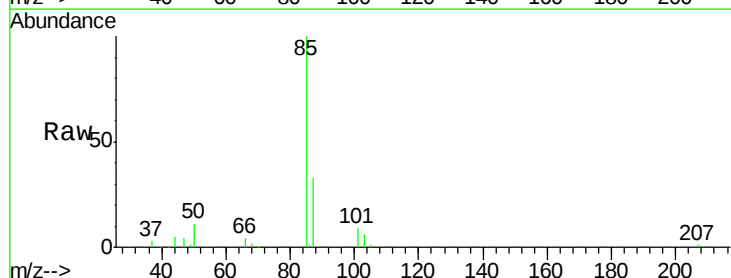
Acq: 26 Jun 2020 11:42

Tgt Ion: 85 Resp: 50388

Ion Ratio Lower Upper

85 100

87 33.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

40000

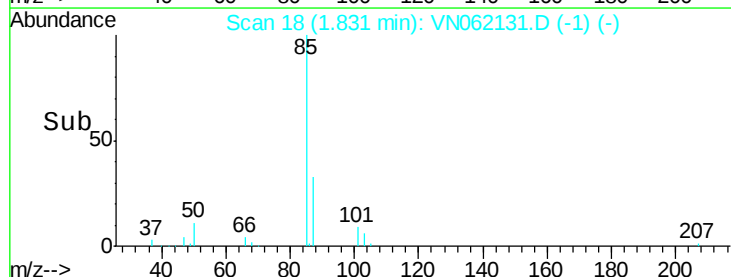
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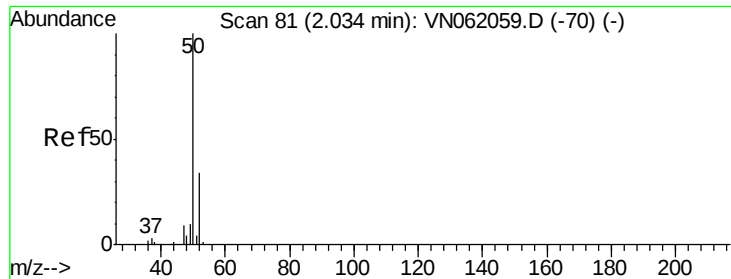
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 18.562 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBS01

Tot Ion: 50 Resp: 63622

Ion Ratio Lower Upper

50 100

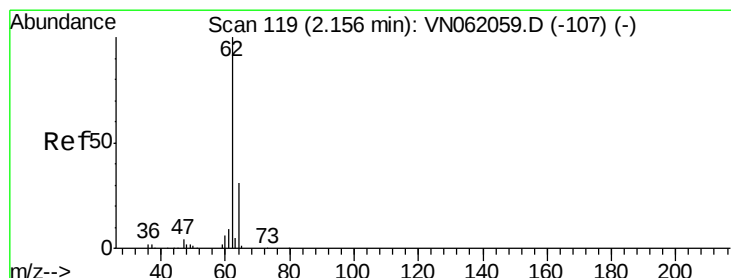
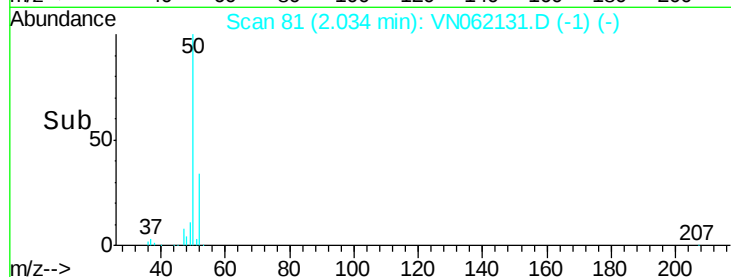
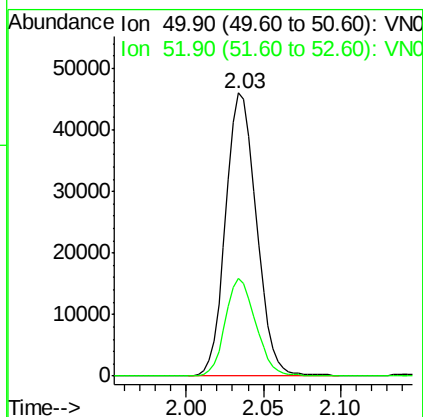
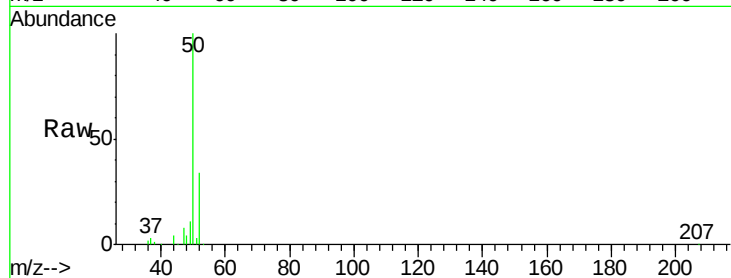
52 34.4 27.0 40.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.791 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062131.D

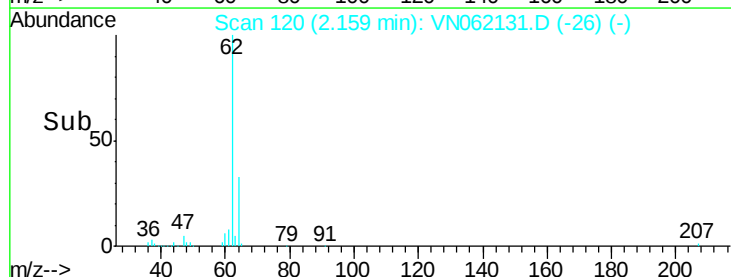
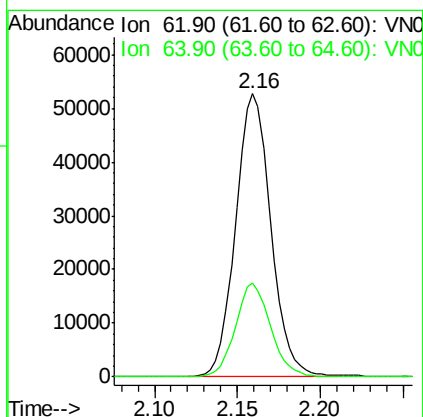
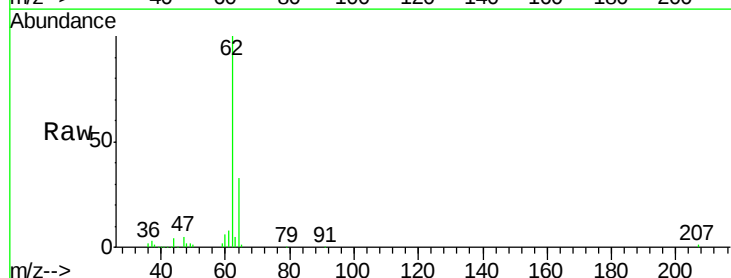
Acq: 26 Jun 2020 11:42

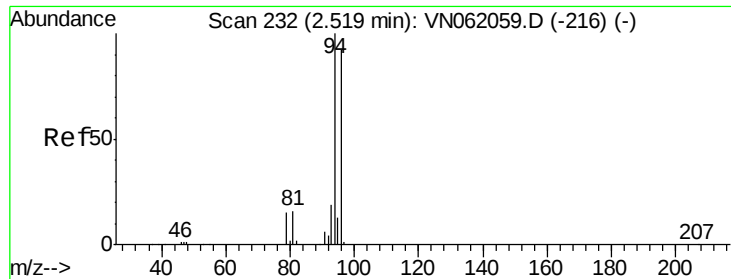
Tgt Ion: 62 Resp: 78033

Ion Ratio Lower Upper

62 100

64 33.4 25.1 37.7





#5

Bromomethane

Concen: 19.423 ug/l

RT: 2.53 min Scan# 236

Delta R.T. 0.01 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

Instrument :

MSVOA_N

ClientSampled :

VN0626WBS01

Tot Ion: 94 Resp: 55060

Ion Ratio Lower Upper

94 100

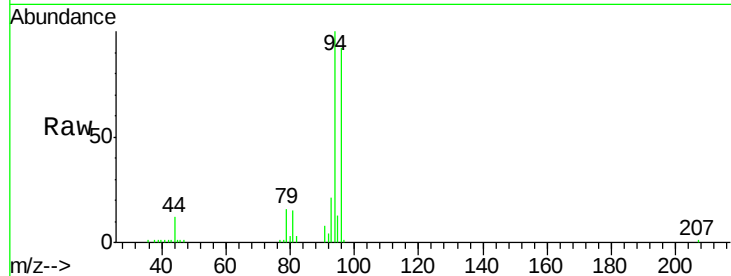
96 91.3 73.4 110.2

Manual Integrations

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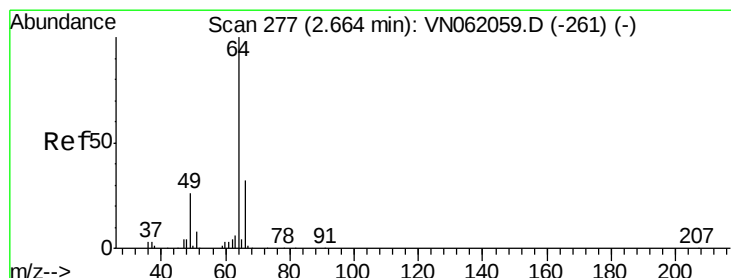
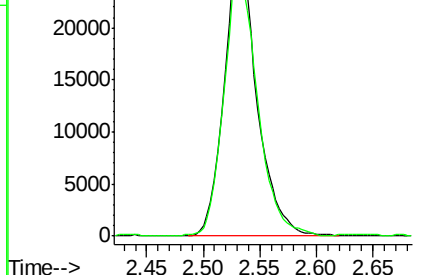
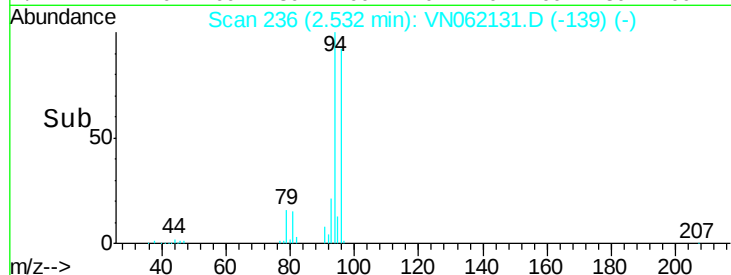


Abundance Ion 93.90 (93.60 to 94.60): VN062131.D (-139) (-)

Ion 95.90 (95.60 to 96.60): VN062131.D (-139) (-)

2.53

Time-->



#6

Chloroethane

Concen: 18.218 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.01 min

Lab File: VN062131.D

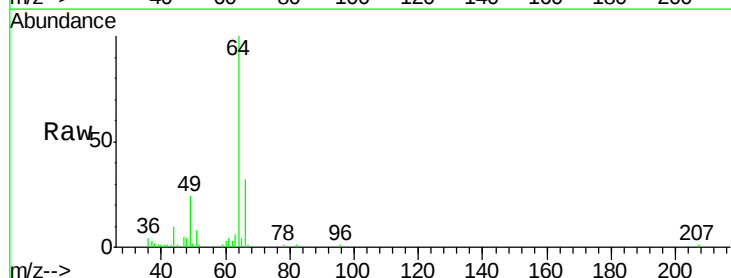
Acq: 26 Jun 2020 11:42

Tgt Ion: 64 Resp: 54586

Ion Ratio Lower Upper

64 100

66 32.3 25.8 38.6

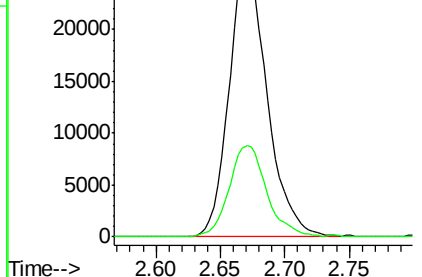
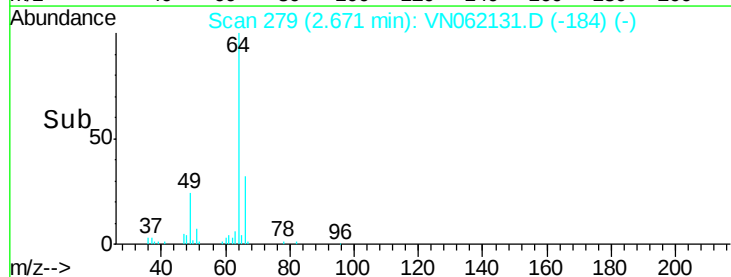


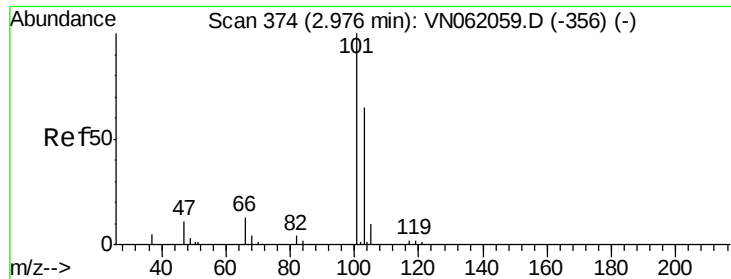
Abundance Ion 63.90 (63.60 to 64.60): VN062131.D (-184) (-)

Ion 65.90 (65.60 to 66.60): VN062131.D (-184) (-)

2.67

Time-->





#7

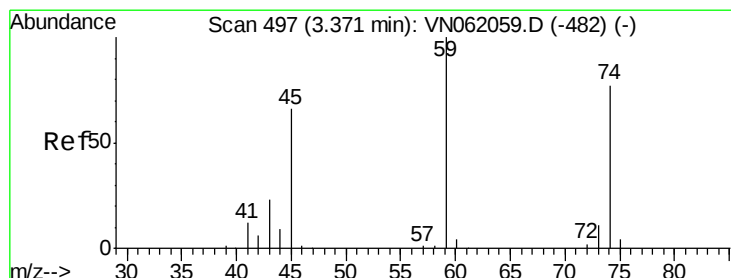
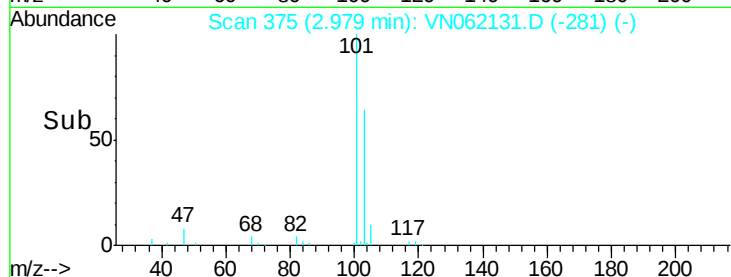
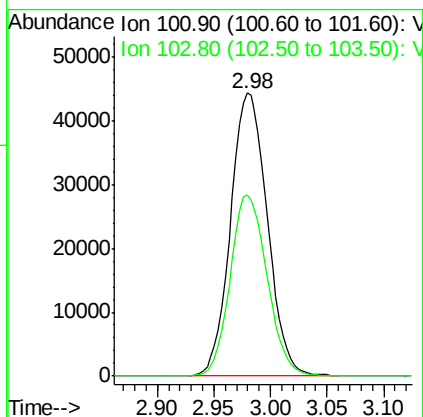
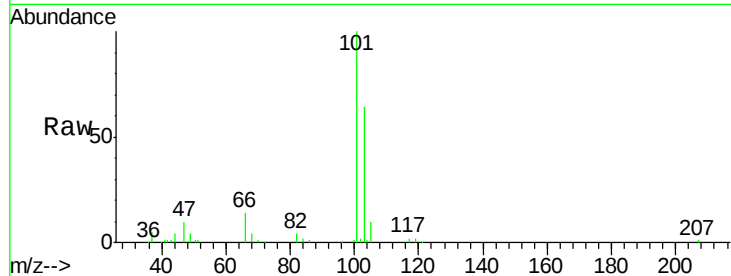
Trichlorofluoromethane
Concen: 18.562 ug/l
RT: 2.98 min Scan# 375
Delta R.T. 0.00 min
Lab File: VN062131.D
Acq: 26 Jun 2020 11:42

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	51.8	77.6

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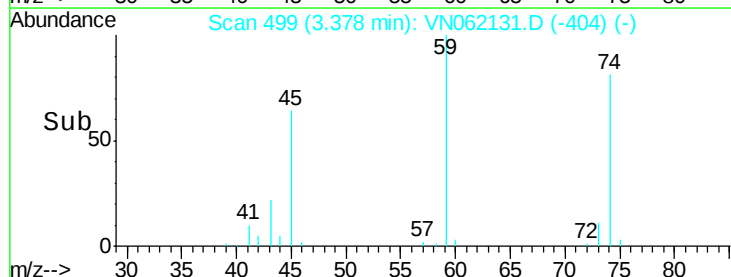
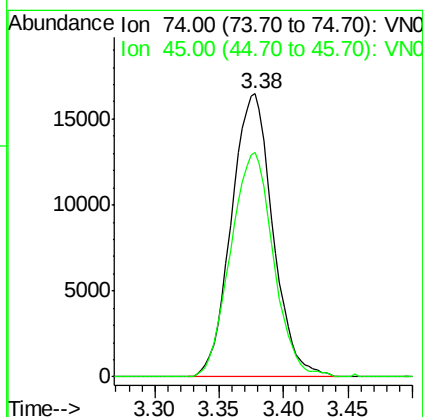
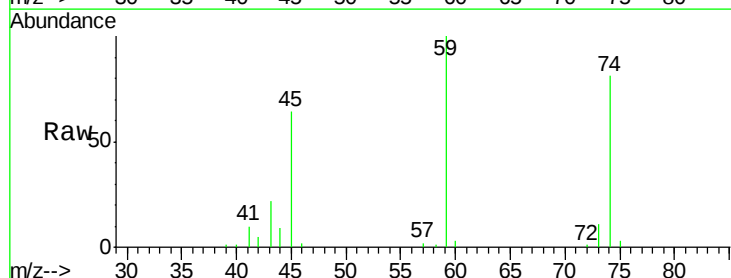
MMDadoda
6/29/2020 12:35:29 PM

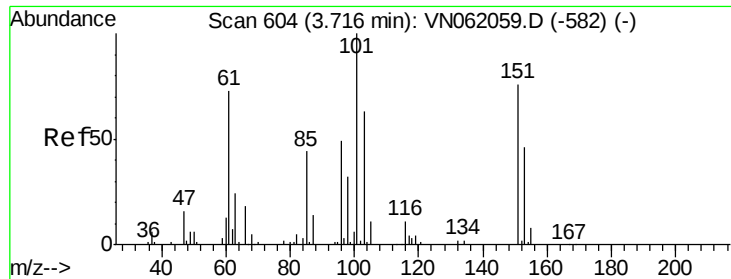


#8

Diethyl Ether
Concen: 19.505 ug/l
RT: 3.38 min Scan# 499
Delta R.T. 0.01 min
Lab File: VN062131.D
Acq: 26 Jun 2020 11:42

Tgt Ion	Ratio	Lower	Upper
74	100		
45	81.9	42.5	127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.822 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

Instrument :

MSVOA_N

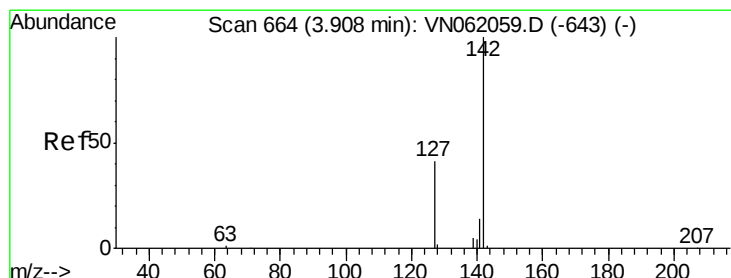
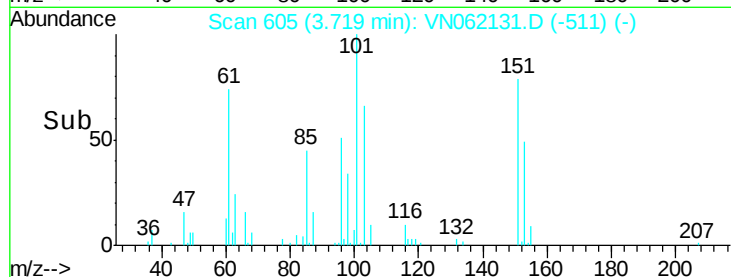
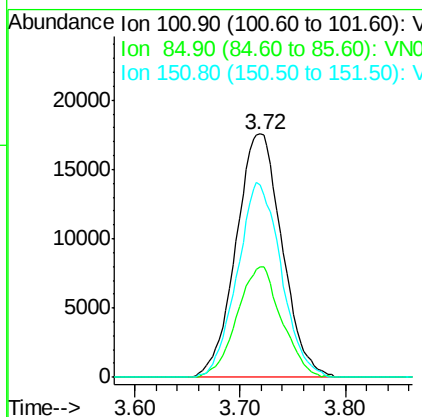
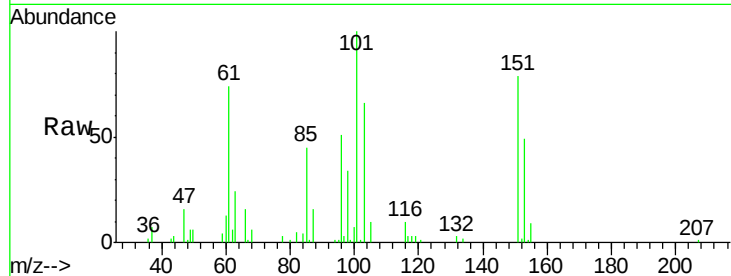
ClientSampleId :

VN0626WBS01

Tot Ion:	101	Resp:	53270
Ion Ratio	Lower	Upper	
101	100		
85	44.0	34.5	51.7
151	76.3	57.8	86.8

Manual Integrations
APPROVED

MMDadoda
6/29/2020 12:35:29 PM



#10

Methyl Iodide

Concen: 19.963 ug/l

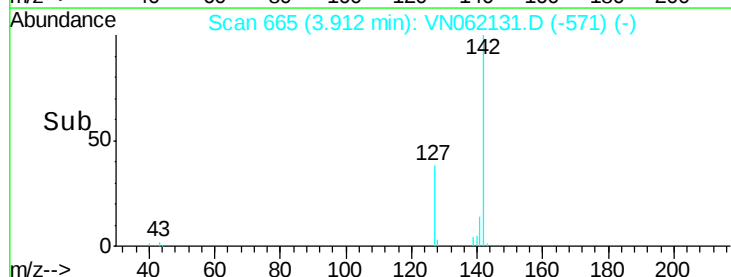
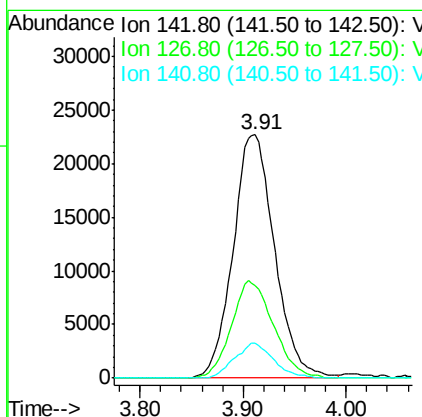
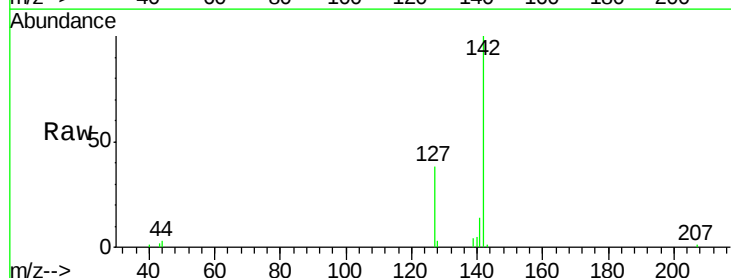
RT: 3.91 min Scan# 665

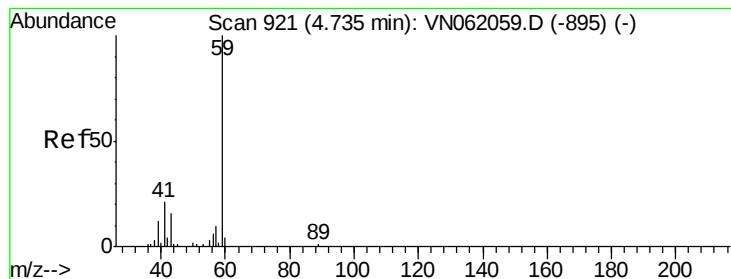
Delta R.T. 0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

Tgt Ion:	142	Resp:	63630
Ion Ratio	Lower	Upper	
142	100		
127	40.3	33.6	50.4
141	13.4	11.3	16.9





#11

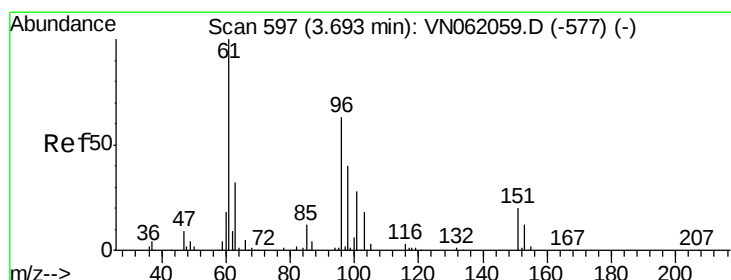
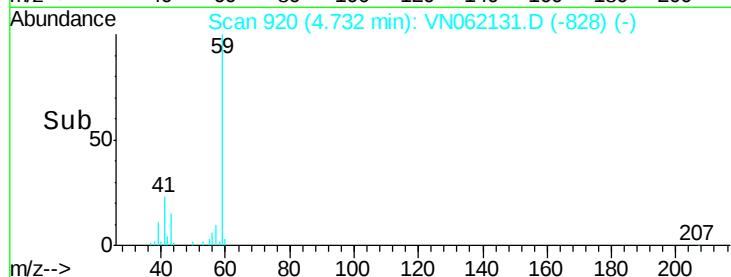
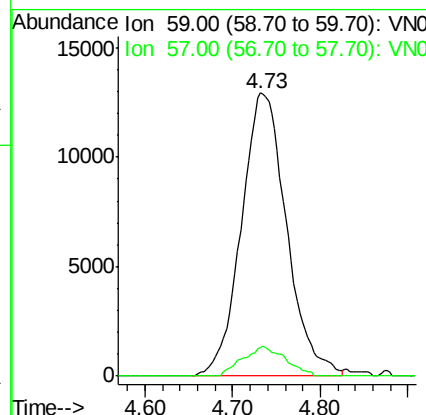
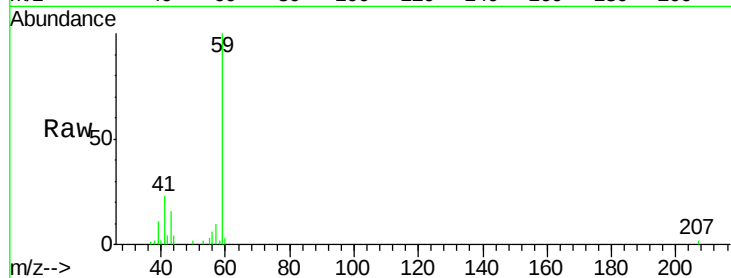
Tert butyl alcohol
 Concen: 93.546 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VN062131.D
 Acq: 26 Jun 2020 11:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBS01

Tot Ion	59	Resp	46443
Ion Ratio	100	Lower	Upper
57	9.9	8.3	12.5

Manual Integrations
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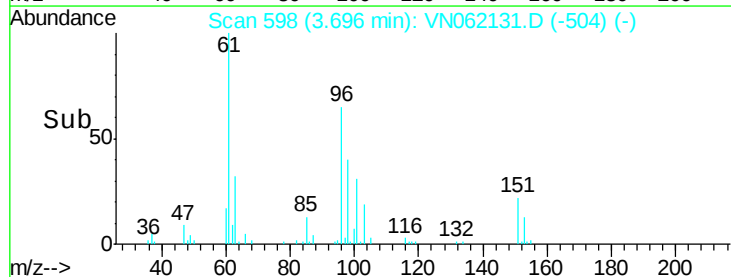
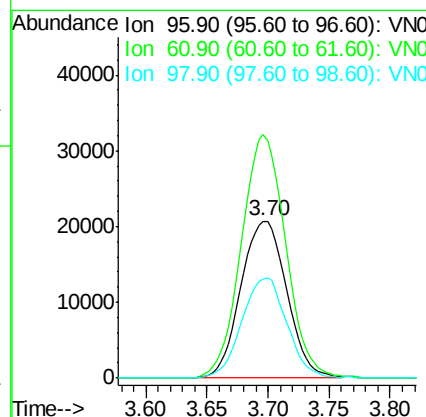
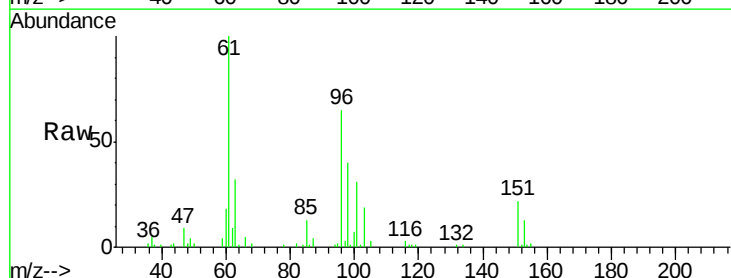
MMDadoda
 6/29/2020 12:35:29 PM

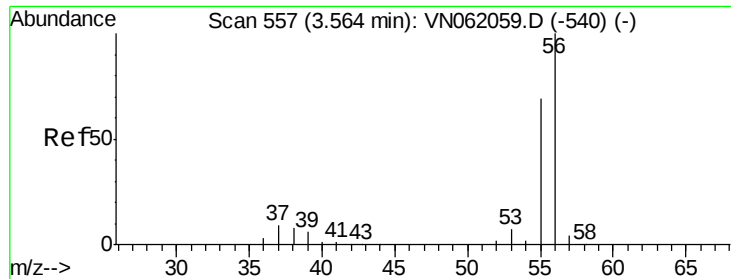


#12

1,1-Dichloroethene
 Concen: 19.104 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN062131.D
 Acq: 26 Jun 2020 11:42

Tgt Ion	96	Resp	54051
Ion Ratio	100	Lower	Upper
61	154.9	126.7	190.1
98	62.7	51.0	76.4





#13

Acrolein

Concen: 66.090 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

Instrument :

MSVOA_N

ClientSampled :

VN0626WBS01

Tot Ion: 56 Resp: 32125

Ion Ratio Lower Upper

56 100

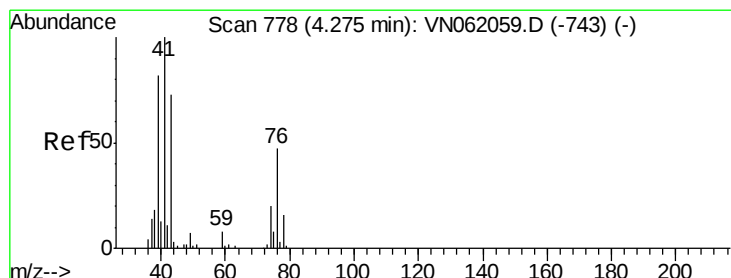
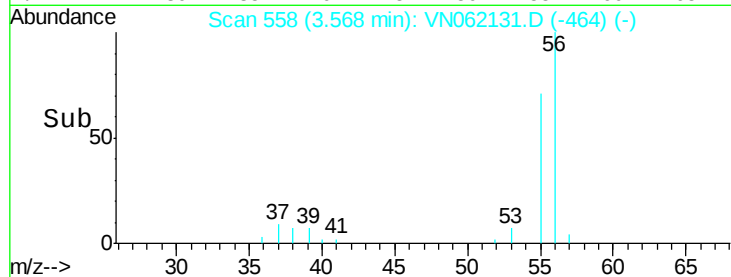
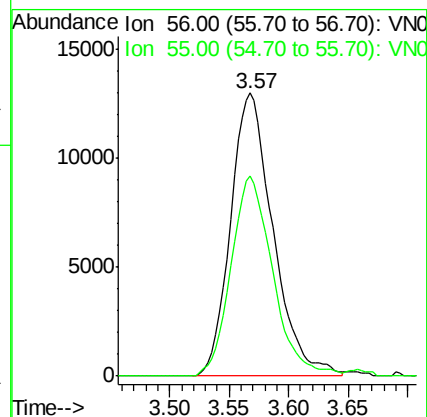
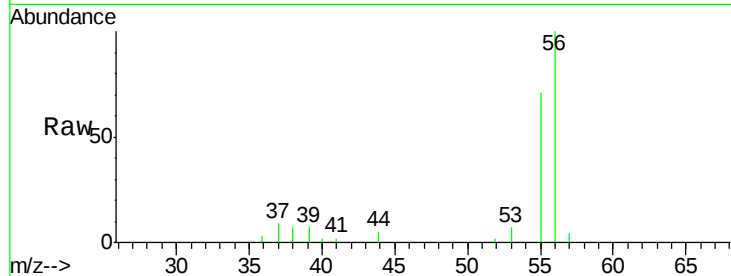
55 69.5 55.5 83.3

Manual Integrations

APPROVED

MMDadoda

6/29/2020 12:35:29 PM



#14

Allyl chloride

Concen: 18.762 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

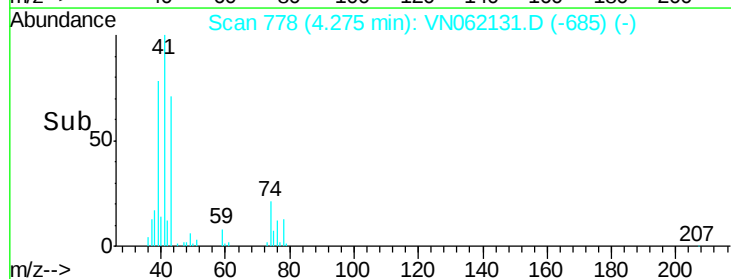
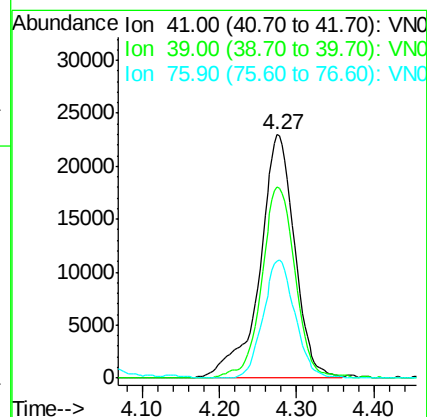
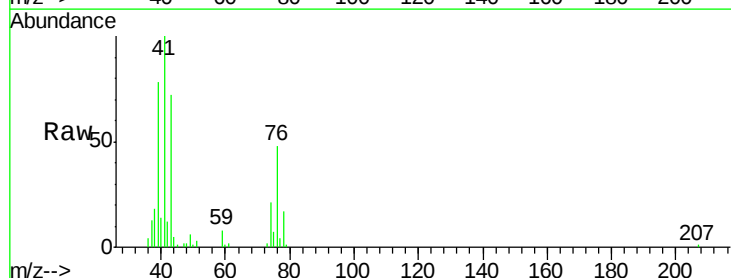
Tgt Ion: 41 Resp: 72274

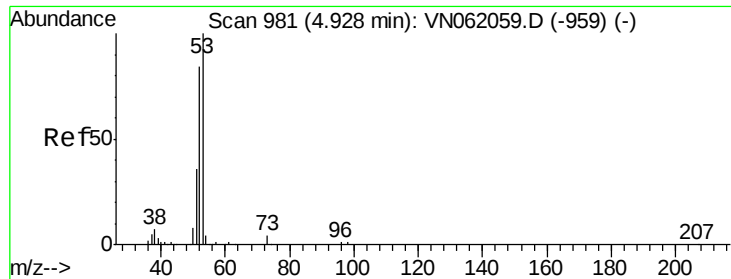
Ion Ratio Lower Upper

41 100

39 74.9 60.0 90.0

76 43.7 34.1 51.1





#15

Acrylonitrile

Concen: 93.363 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

Instrument :

MSVOA_N

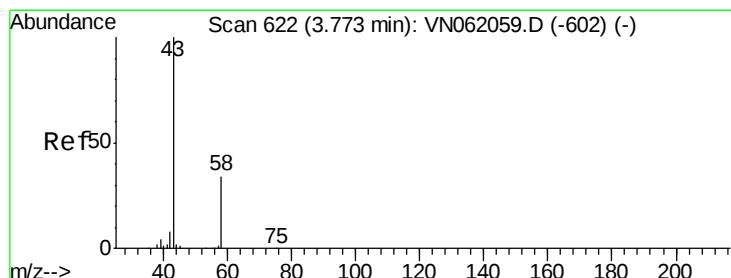
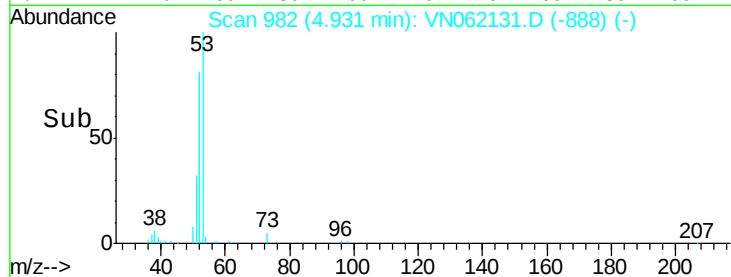
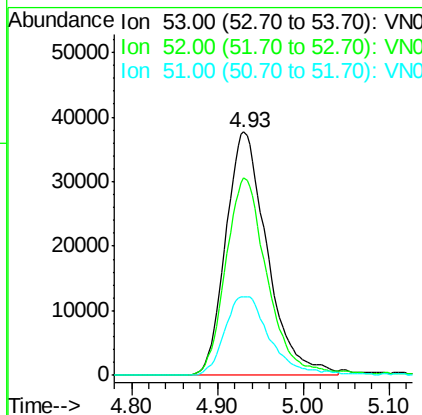
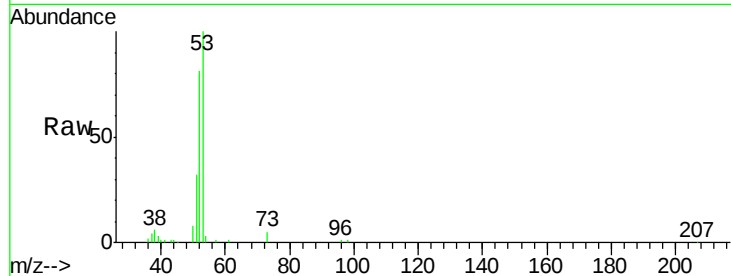
ClientSampleId :

VN0626WBS01

Tot Ion:	53	Resp:	126312
Ion Ratio	Lower	Upper	
53	100		
52	80.8	66.2	99.4
51	34.7	28.9	43.3

Manual Integrations
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MMDadoda
6/29/2020 12:35:29 PM



#16

Acetone

Concen: 93.340 ug/l

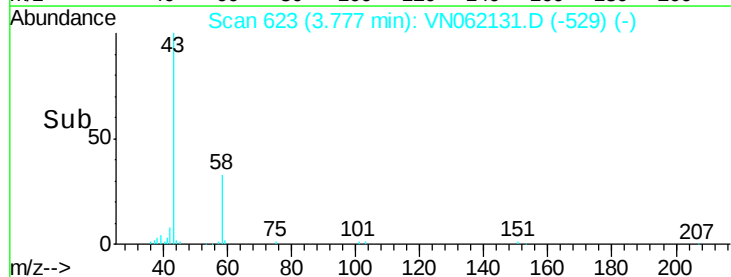
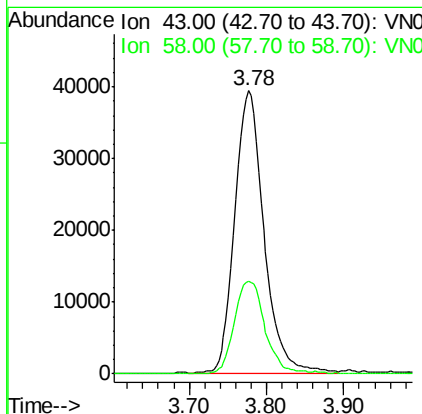
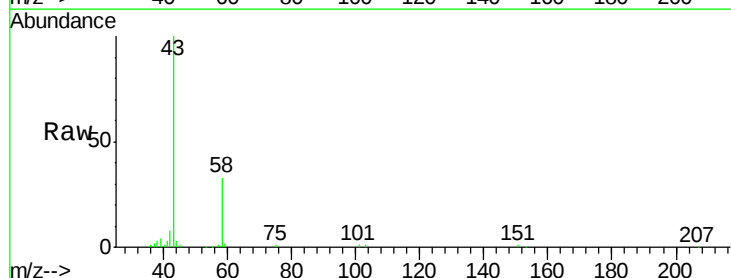
RT: 3.78 min Scan# 623

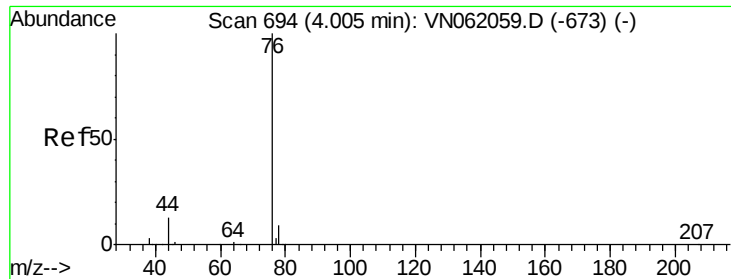
Delta R.T. 0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

Tgt Ion:	43	Resp:	104064
Ion Ratio	Lower	Upper	
43	100		
58	32.7	27.5	41.3





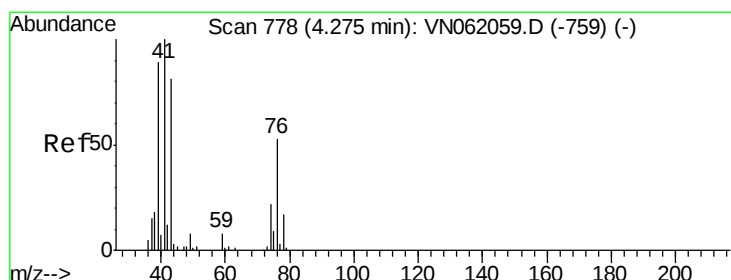
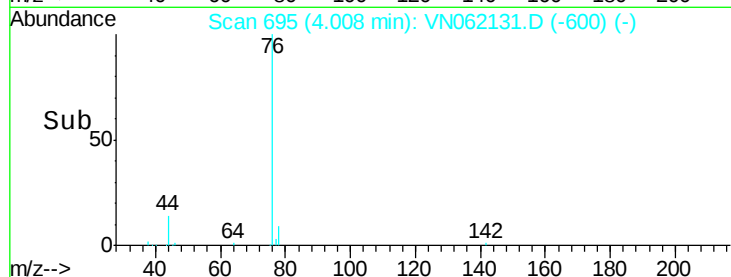
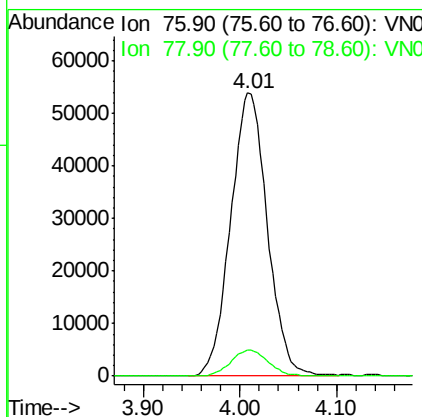
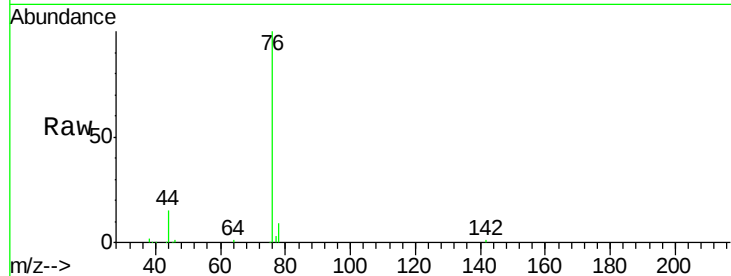
#17
Carbon Disulfide
Concen: 17.576 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062131.D
Acq: 26 Jun 2020 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.2	10.8

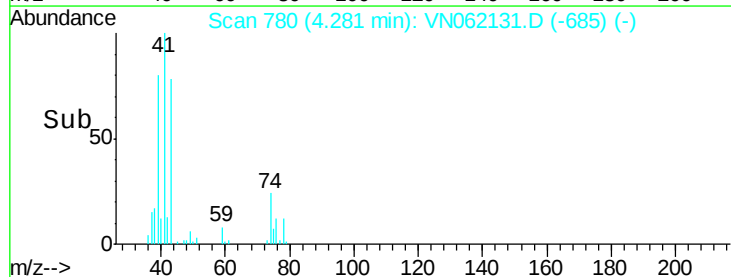
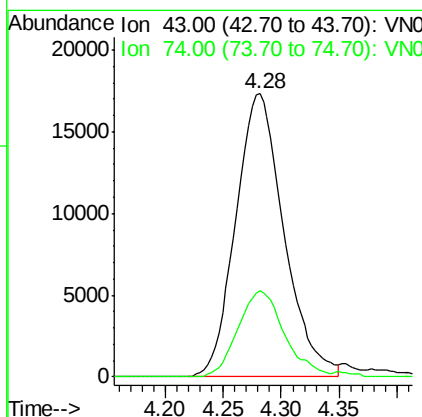
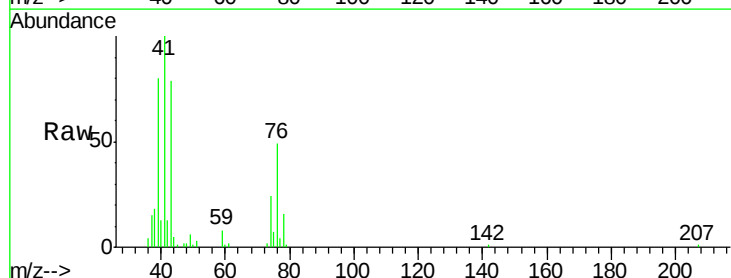
Manual Integrations
APPROVED

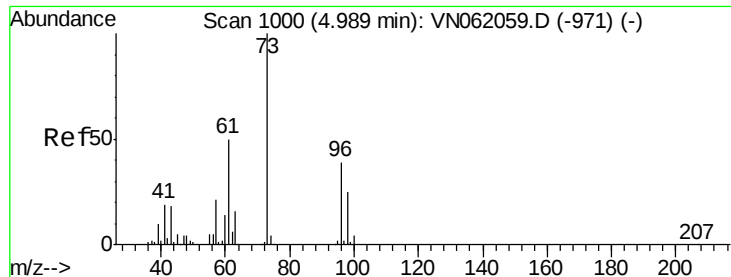
MMDadoda
6/29/2020 12:35:29 PM



#18
Methyl Acetate
Concen: 18.267 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.01 min
Lab File: VN062131.D
Acq: 26 Jun 2020 11:42

Tgt Ion	Ratio	Lower	Upper
43	100		
74	29.2	22.9	34.3





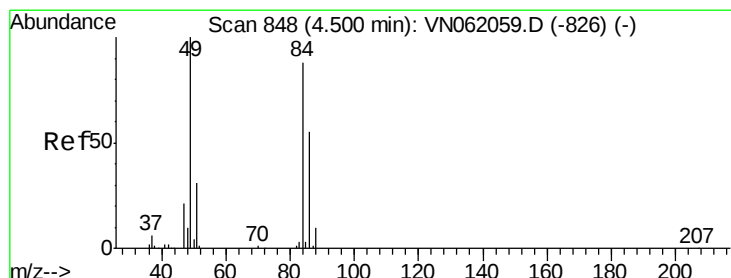
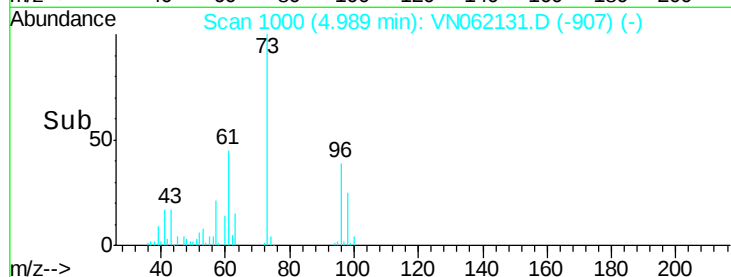
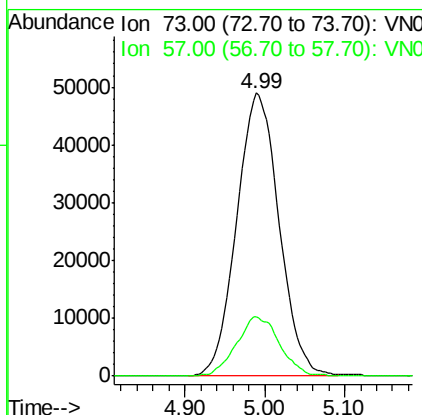
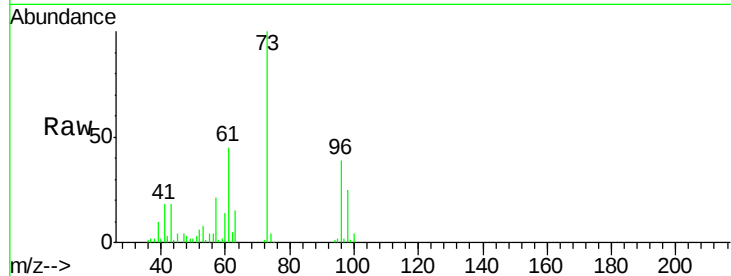
#19
Methyl tert-butyl Ether
Concen: 19.546 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062131.D
Acq: 26 Jun 2020 11:42

Instrument :
MSVOA_N
ClientSampled :
VN0626WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	16.6	24.8

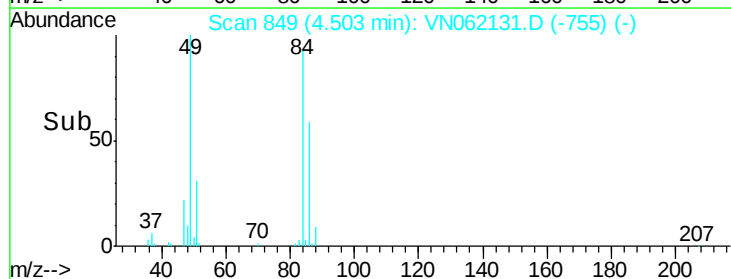
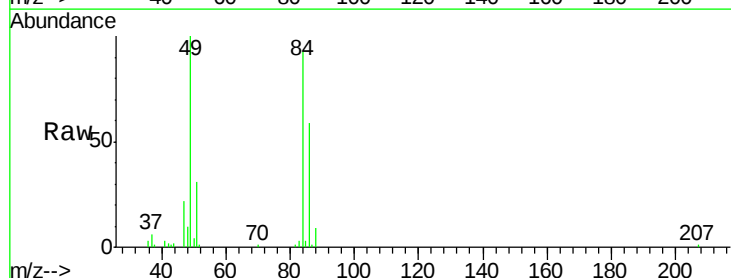
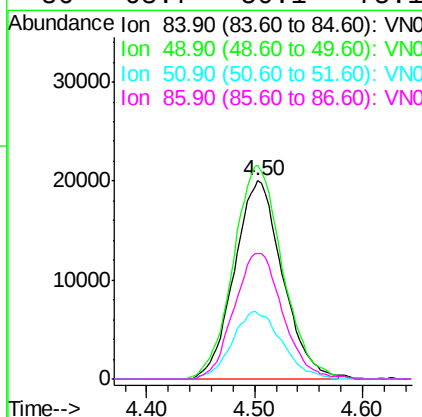
Manual Integrations
APPROVED

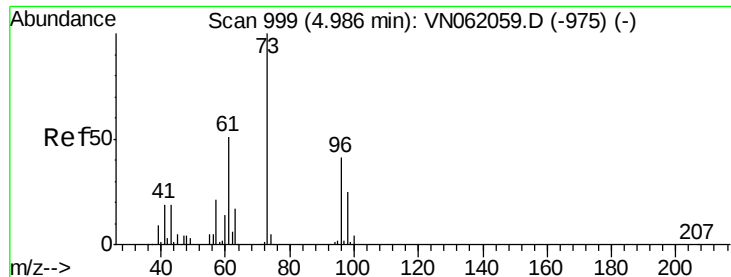
MMDadoda
6/29/2020 12:35:29 PM



#20
Methylene Chloride
Concen: 19.451 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062131.D
Acq: 26 Jun 2020 11:42

Tgt Ion	Ratio	Lower	Upper
84	100		
49	107.0	90.6	136.0
51	33.0	27.8	41.8
86	63.7	50.1	75.1





#21

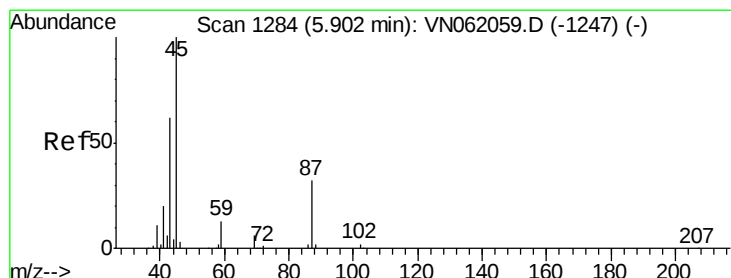
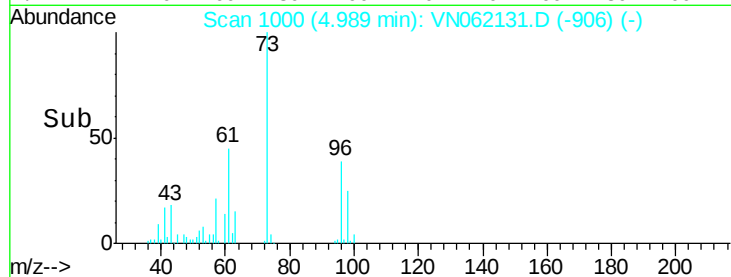
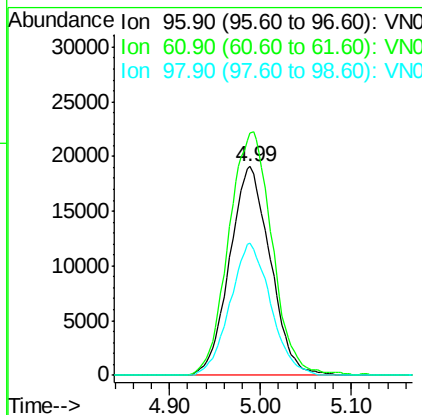
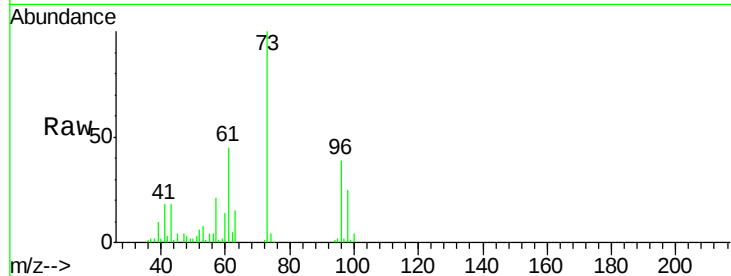
trans-1,2-Dichloroethene
Concen: 18.374 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN062131.D
Acq: 26 Jun 2020 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	116.3	101.4	152.2
98	63.3	49.3	73.9

Manual Integrations
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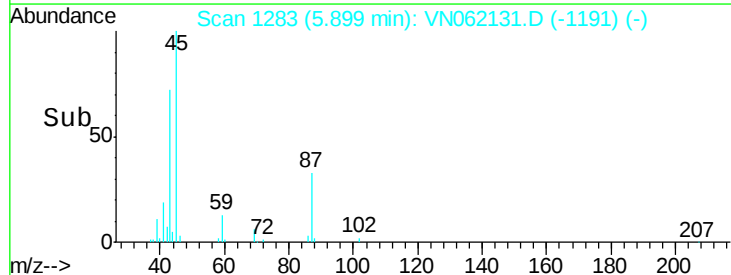
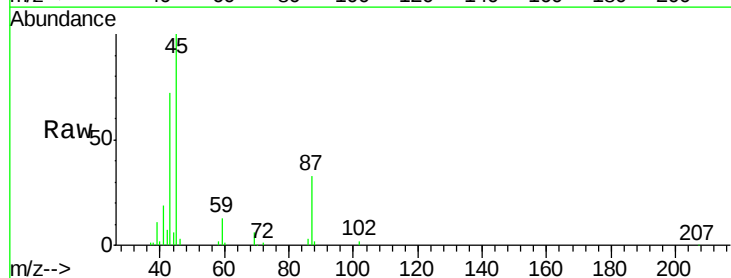
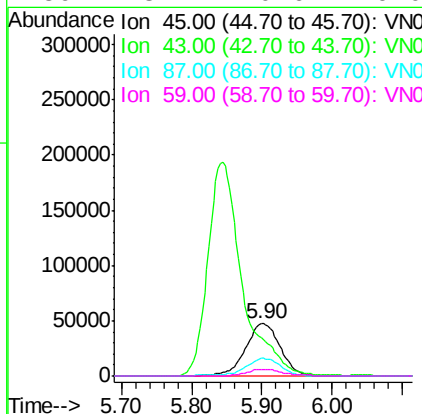
MMDadoda
6/29/2020 12:35:29 PM

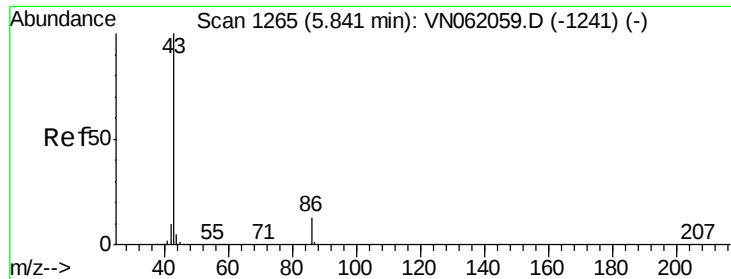


#22

Diisopropyl ether
Concen: 18.603 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VN062131.D
Acq: 26 Jun 2020 11:42

Tgt Ion	Ratio	Lower	Upper
45	100		
43	70.6	49.7	74.5
87	33.1	25.9	38.9
59	13.1	10.6	16.0





#23

Vinyl Acetate

Concen: 91.782 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBS01

Tot Ion: 43 Resp: 657236

Ion Ratio Lower Upper

43 100

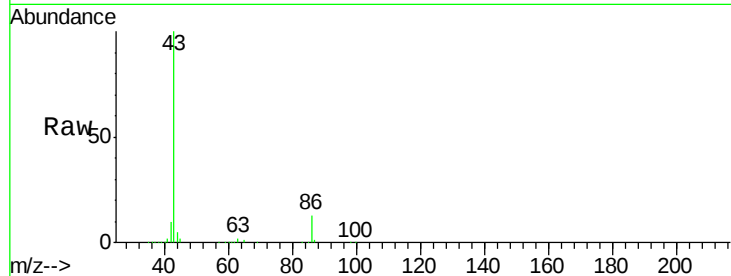
86 12.9 10.1 15.1

Manual Integrations

APPROVED

MMDadoda

6/29/2020 12:35:29 PM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.84

200000

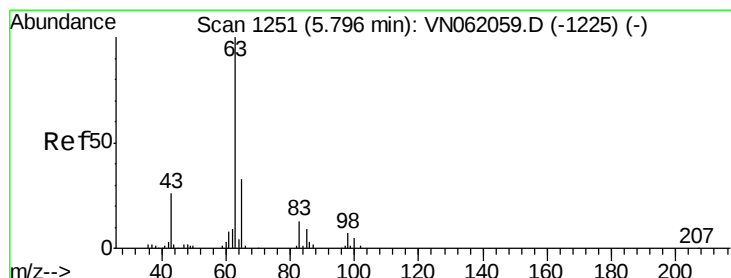
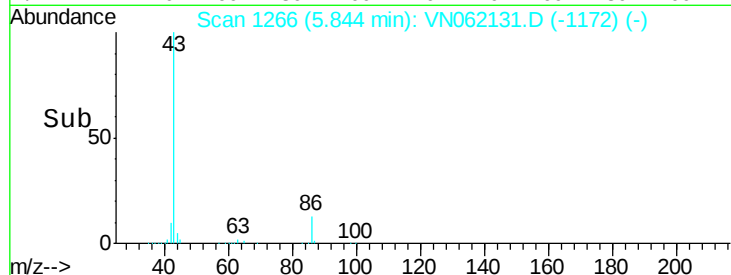
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.240 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

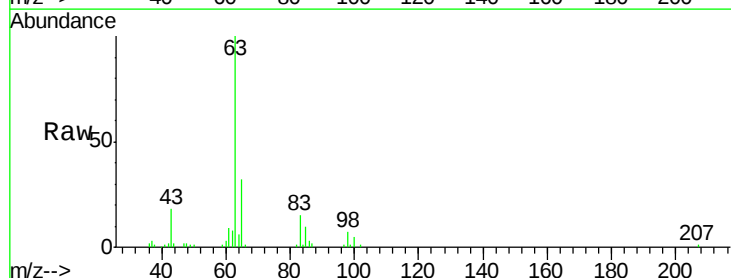
Tgt Ion: 63 Resp: 103018

Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.9

100 4.9 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.80

40000

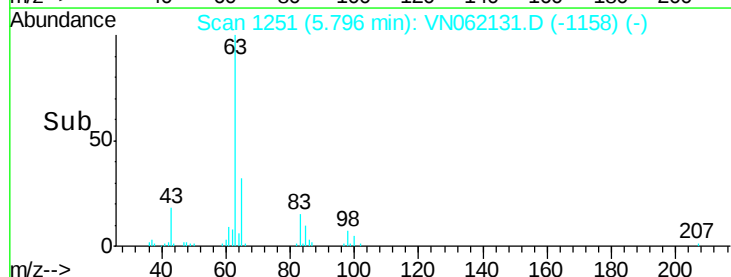
30000

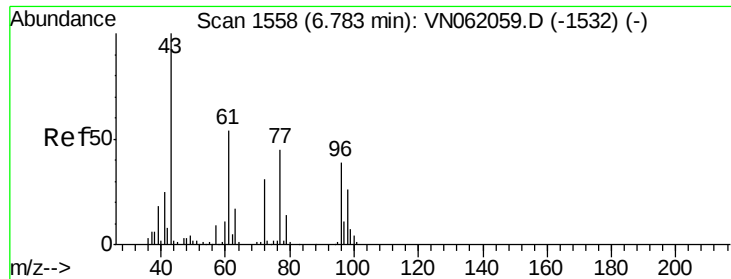
20000

10000

0

Time-->





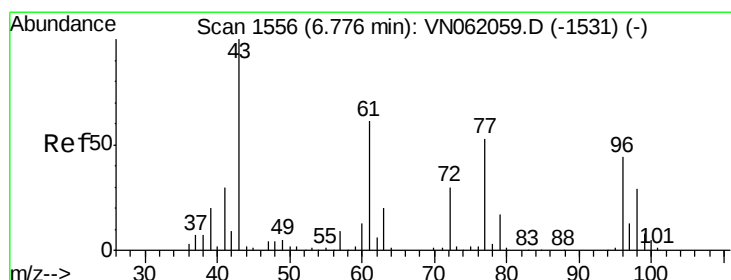
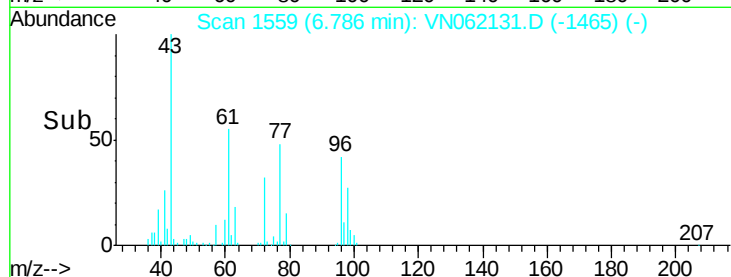
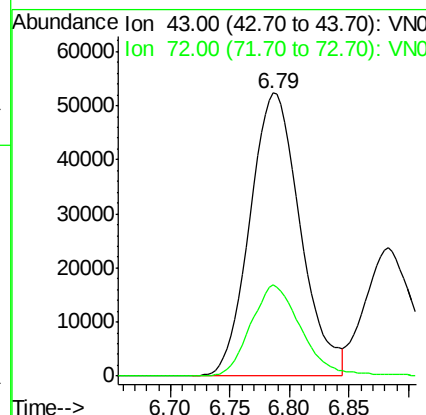
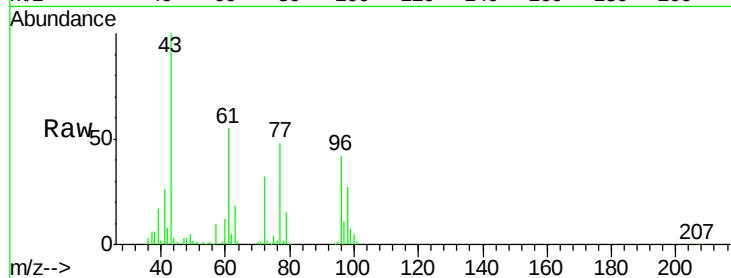
#25
2-Butanone
Concen: 90.895 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN062131.D
Acq: 26 Jun 2020 11:42

Instrument :
MSVOA_N
ClientSampled :
VN0626WBS01

Tot Ion: 43 Resp: 153628
Ion Ratio Lower Upper
43 100
72 32.1 24.8 37.2

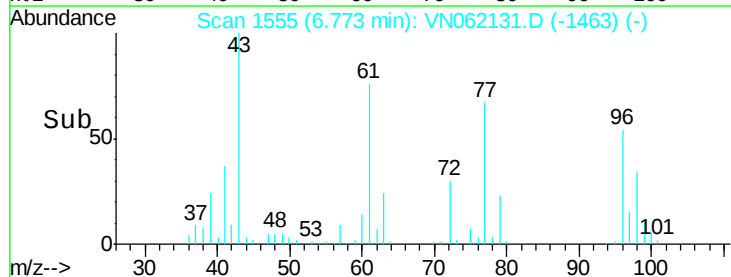
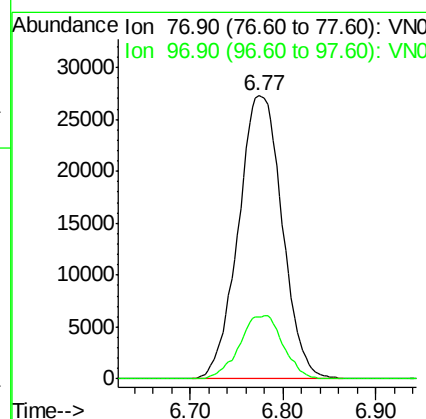
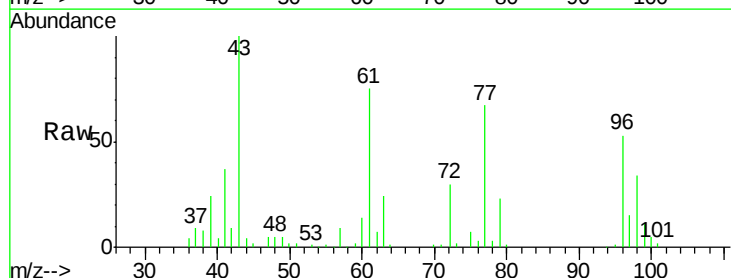
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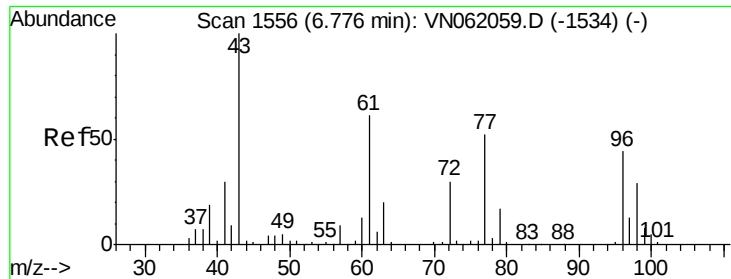
MMDadoda
6/29/2020 12:35:29 PM



#26
2,2-Dichloropropane
Concen: 19.013 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062131.D
Acq: 26 Jun 2020 11:42

Tgt Ion: 77 Resp: 89483
Ion Ratio Lower Upper
77 100
97 22.1 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 18.861 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062131.D

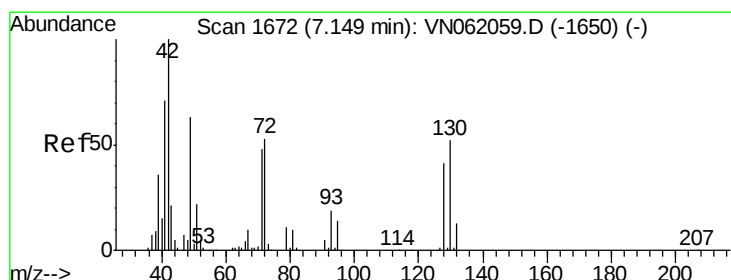
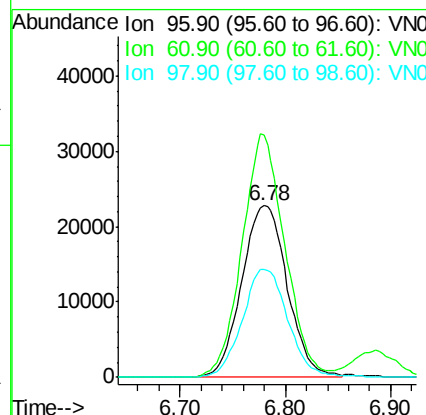
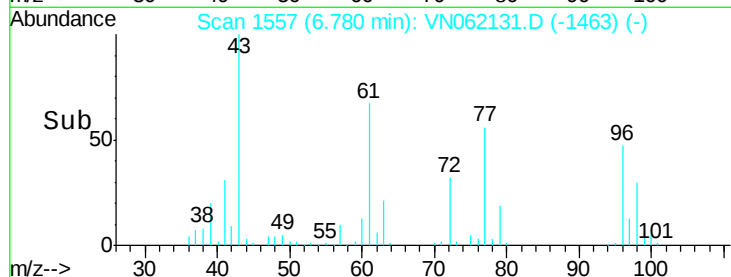
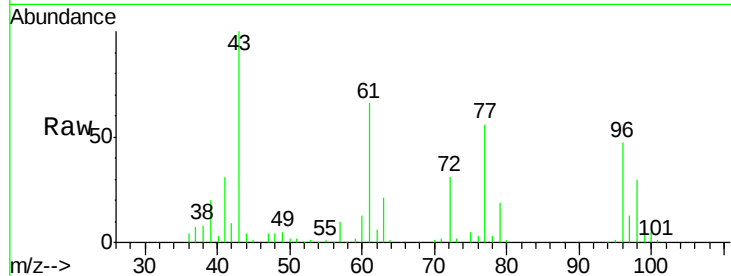
Acq: 26 Jun 2020 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	68405		
61	133.0		0.0	280.4
98	62.8		0.0	129.4

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#28

Bromochloromethane

Concen: 17.164 ug/l

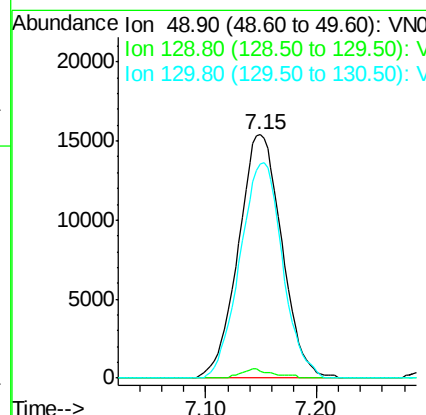
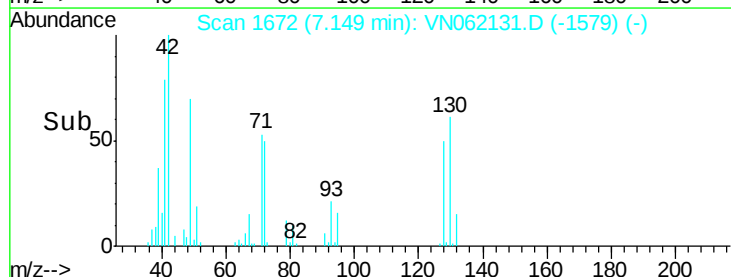
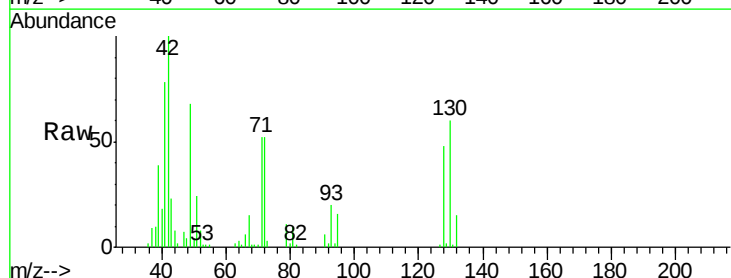
RT: 7.15 min Scan# 1672

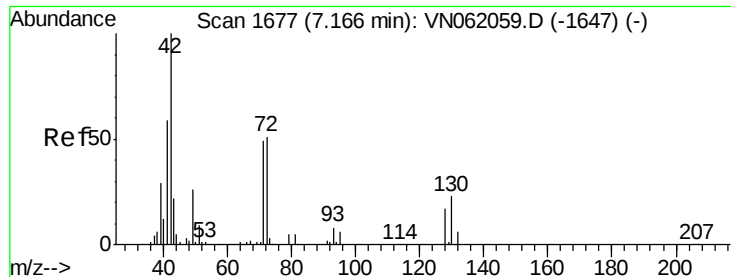
Delta R.T. 0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	42060		
129	2.5		0.0	4.4
130	86.6		65.5	98.3





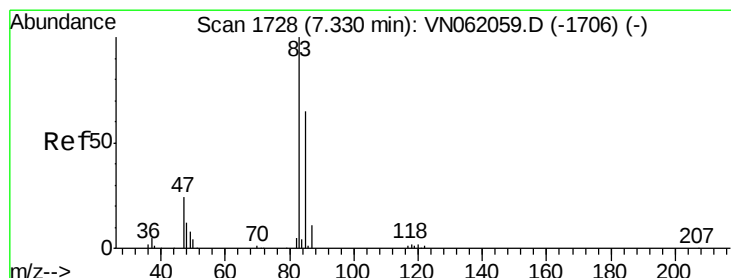
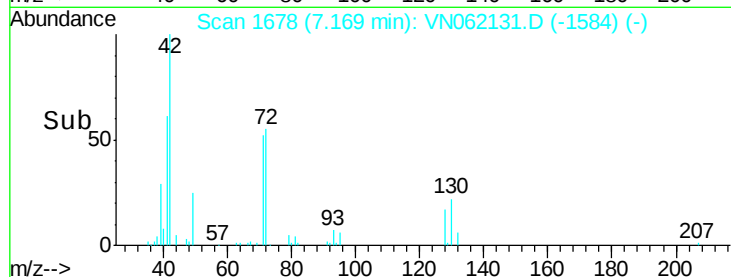
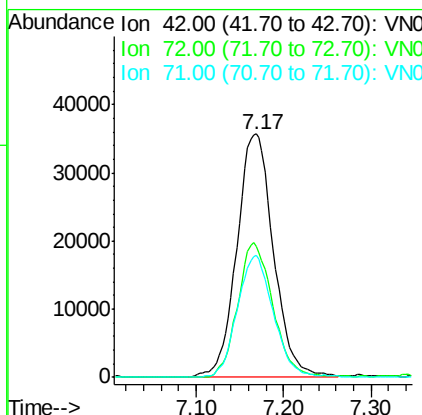
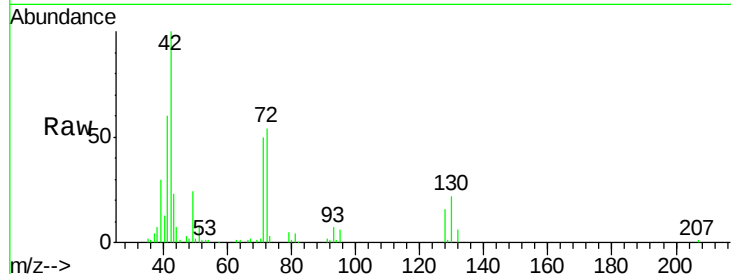
#29
Tetrahydrofuran
Concen: 93.702 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062131.D
Acq: 26 Jun 2020 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.9	41.1	61.7
71	48.9	38.2	57.4

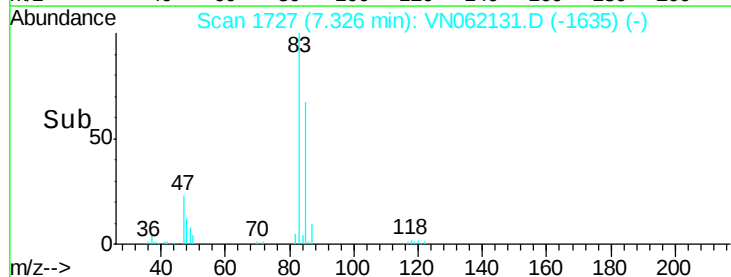
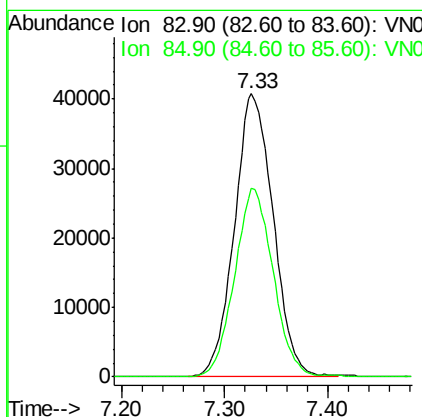
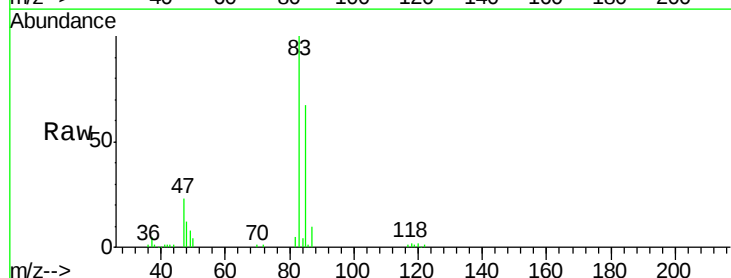
Manual Integrations
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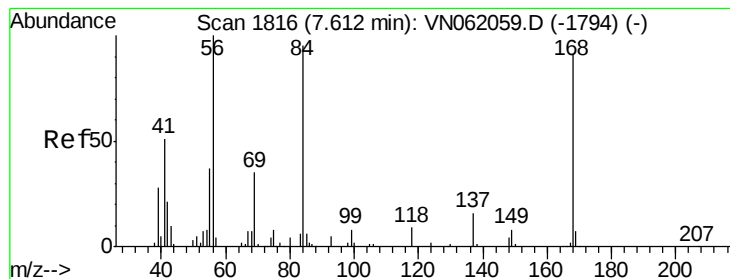
MMDadoda
6/29/2020 12:35:29 PM



#30
Chloroform
Concen: 18.574 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062131.D
Acq: 26 Jun 2020 11:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.6	52.3	78.5





#31

Cyclohexane

Concen: 18.242 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

Instrument :

MSVOA_N

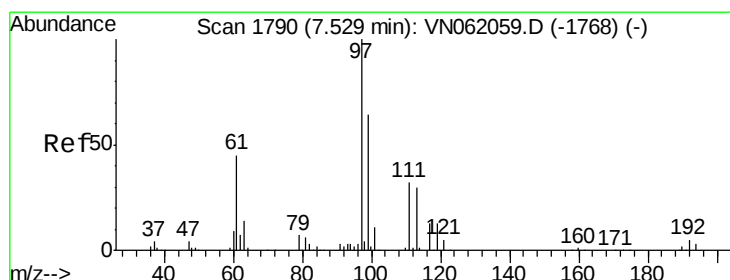
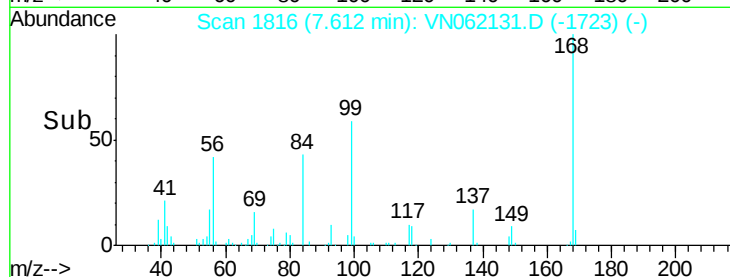
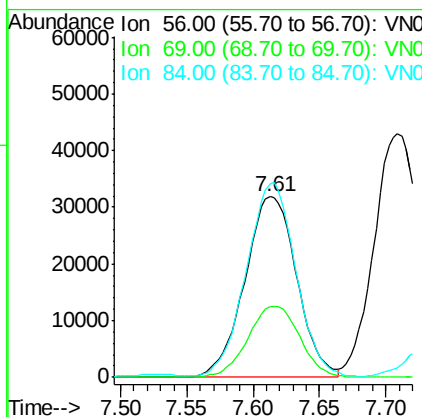
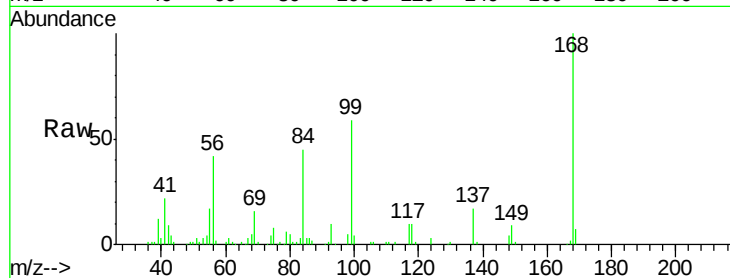
ClientSampleId :

VN0626WBS01

Tot Ion:	56	Resp:	87150
Ion	Ratio	Lower	Upper
56	100		
69	38.9	28.0	42.0
84	106.7	76.1	114.1

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#32

1,1,1-Trichloroethane

Concen: 19.165 ug/l

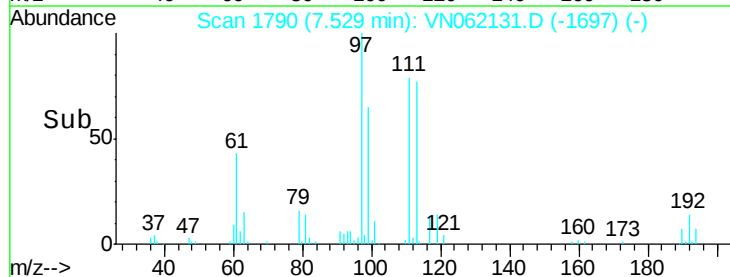
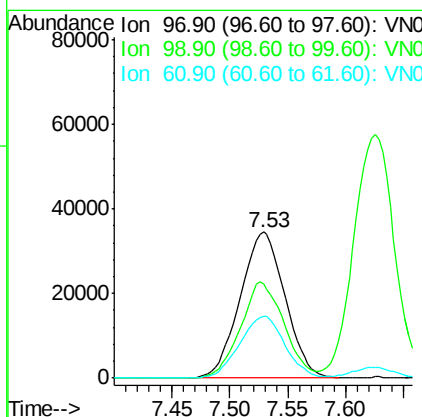
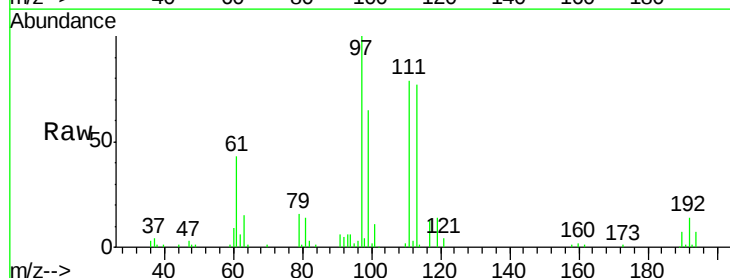
RT: 7.53 min Scan# 1790

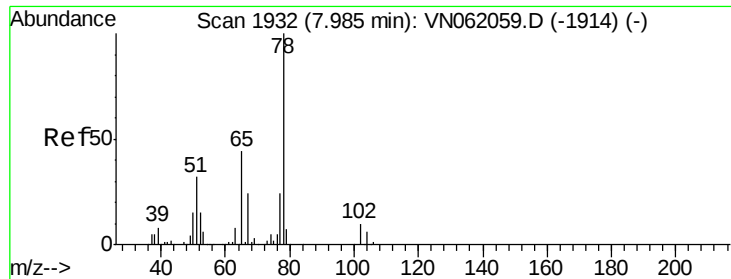
Delta R.T. -0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

Tgt Ion:	97	Resp:	92872
Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.0	76.4
61	42.8	36.2	54.2





#33

1,2-Dichloroethane-d4

Concen: 46.843 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBS01

Tot Ion: 65 Resp: 161977

Ion Ratio Lower Upper

65 100

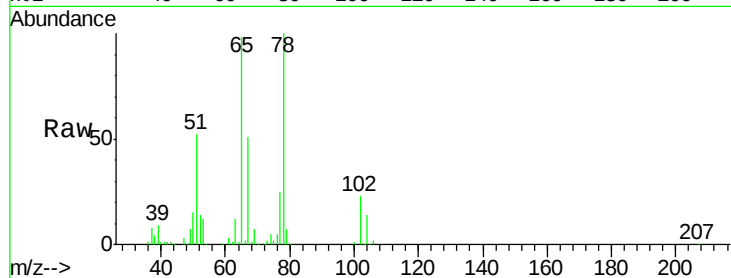
67 52.1 0.0 106.2

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VN062131.D (-1839) (-)

Ion 66.90 (66.60 to 67.60): VN062131.D (-1839) (-)

7.99

60000

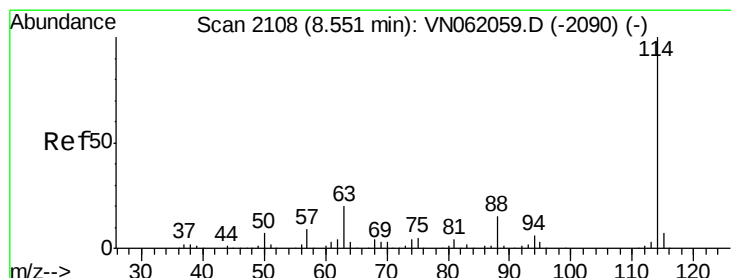
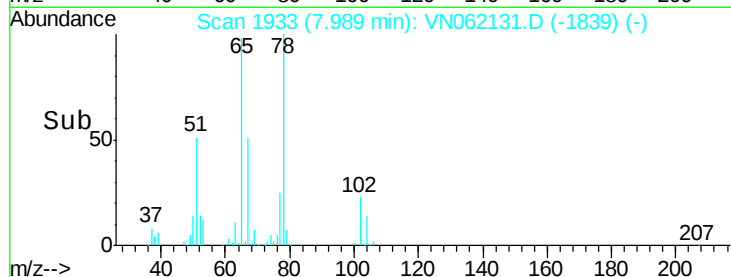
40000

20000

0

7.90 7.95 8.00 8.05

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

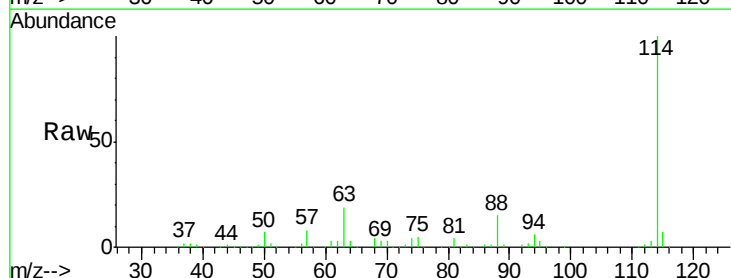
Tgt Ion: 114 Resp: 430521

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.2

88 15.4 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): VN062131.D (-2015) (-)

Ion 63.00 (62.70 to 63.70): VN062131.D (-2015) (-)

Ion 87.90 (87.60 to 88.60): VN062131.D (-2015) (-)

8.55

250000

200000

150000

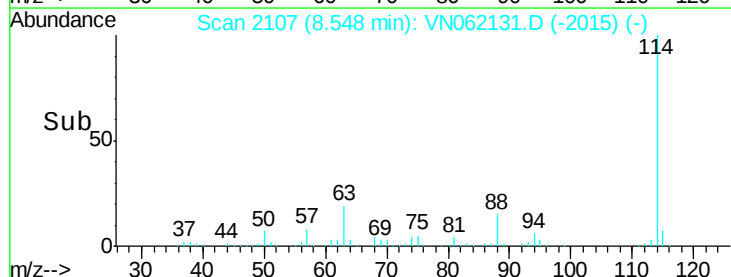
100000

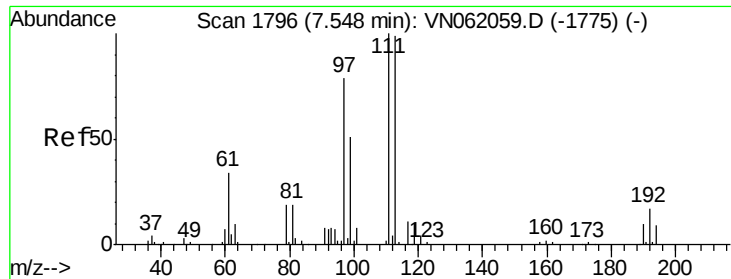
50000

0

8.50 8.55 8.60

Time-->





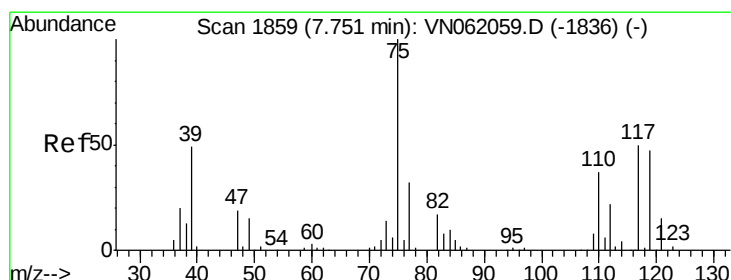
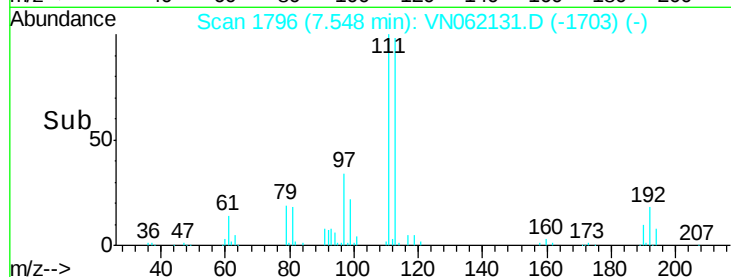
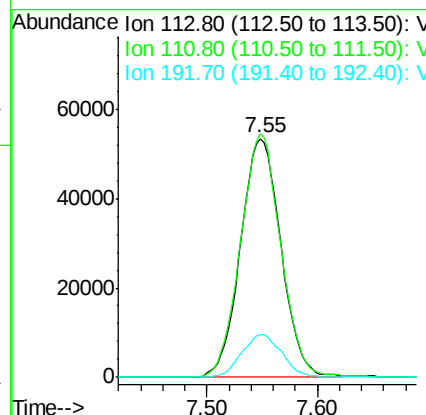
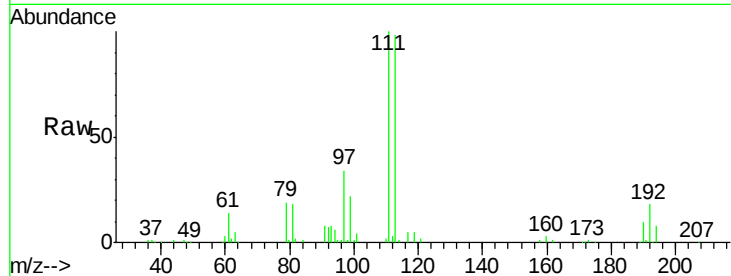
#35
 Dibromofluoromethane
 Concen: 49.104 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062131.D
 Acq: 26 Jun 2020 11:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	135624		
111	101.8	82.2	123.4	
192	17.8	14.0	21.0	

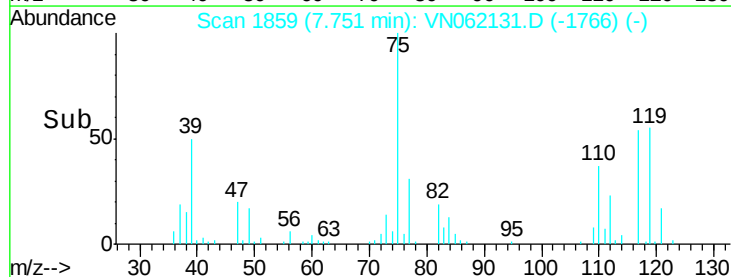
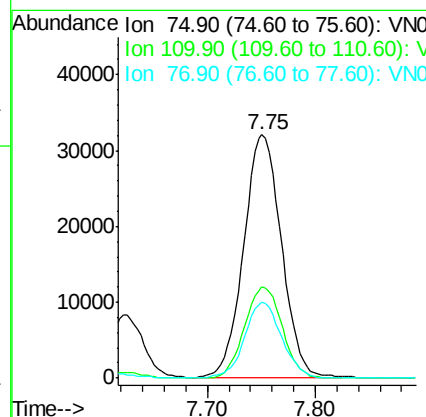
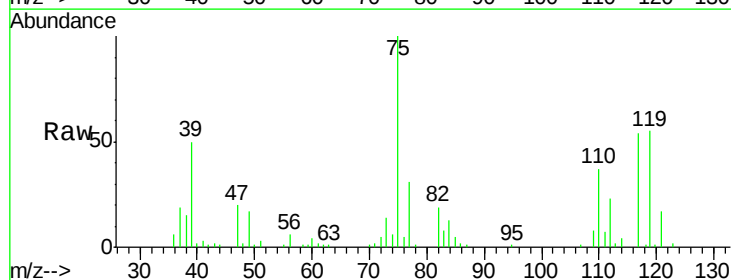
Manual Integrations
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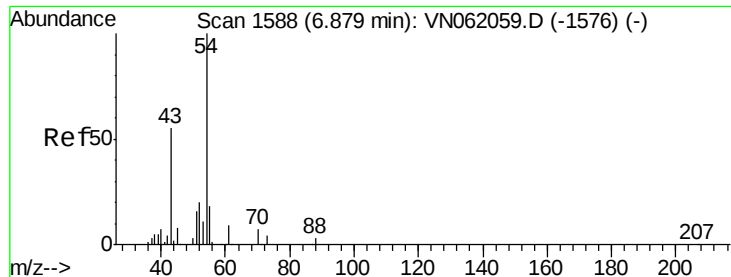
MMDadoda
 6/29/2020 12:35:29 PM



#36
 1,1-Dichloropropene
 Concen: 18.127 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062131.D
 Acq: 26 Jun 2020 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	78442		
110	37.0	17.9	53.8	
77	30.5	24.9	37.3	





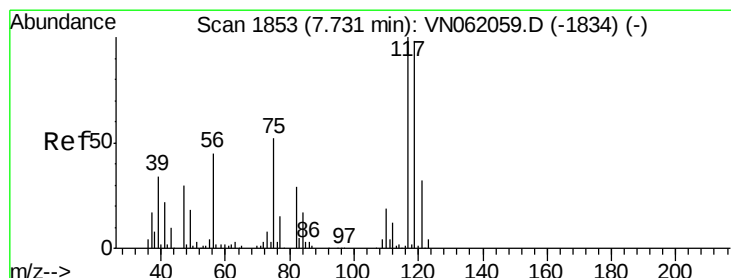
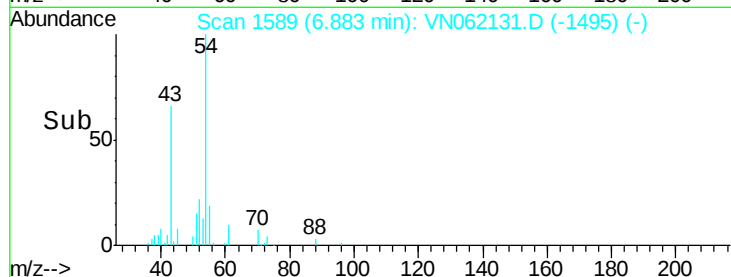
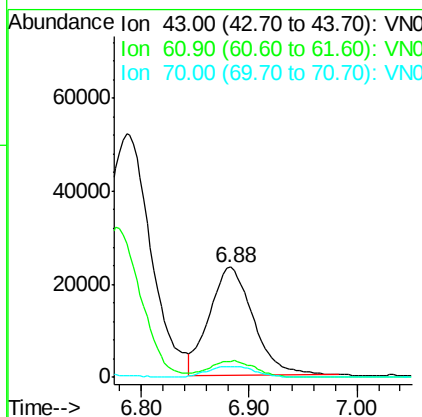
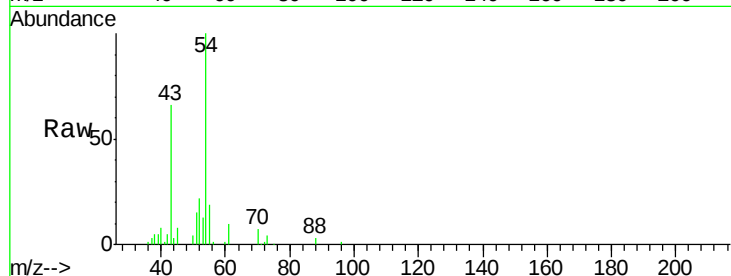
#37
Ethyl Acetate
Concen: 18.564 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062131.D
Acq: 26 Jun 2020 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.9	12.0	18.0
70	5.0	9.6	14.4

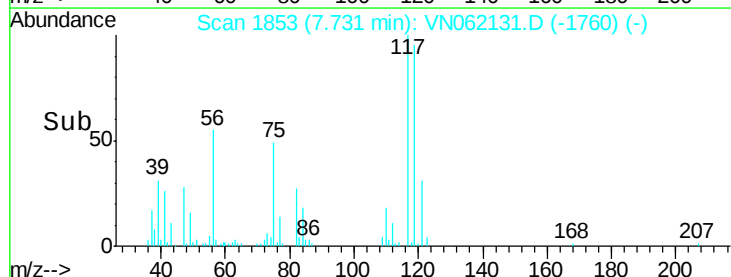
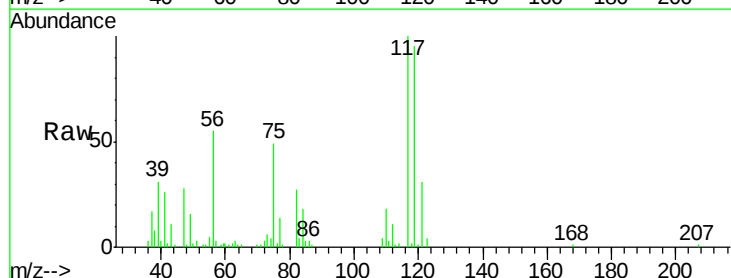
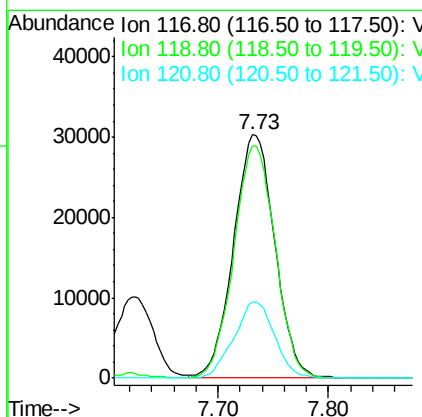
Manual Integrations
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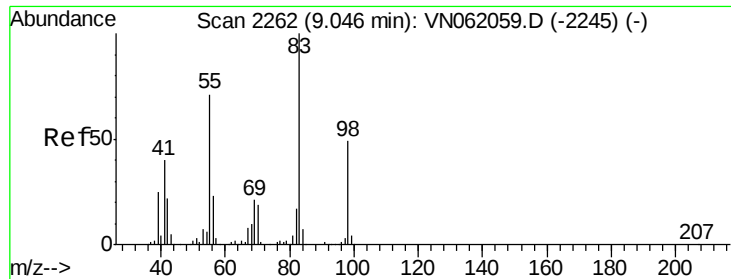
MMDadoda
6/29/2020 12:35:29 PM



#38
Carbon Tetrachloride
Concen: 19.323 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062131.D
Acq: 26 Jun 2020 11:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	78.2	117.2
121	31.1	25.8	38.6





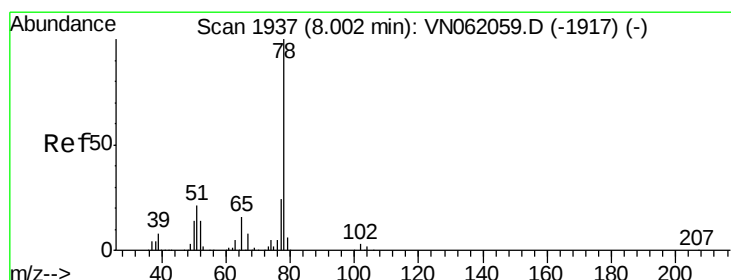
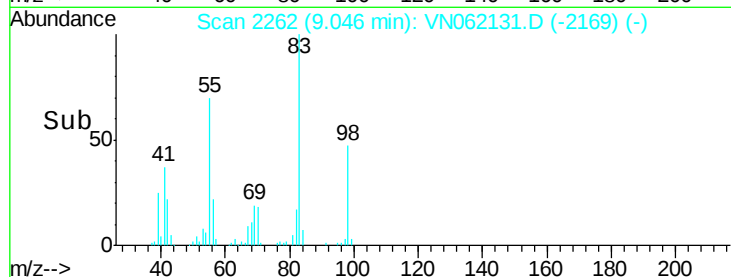
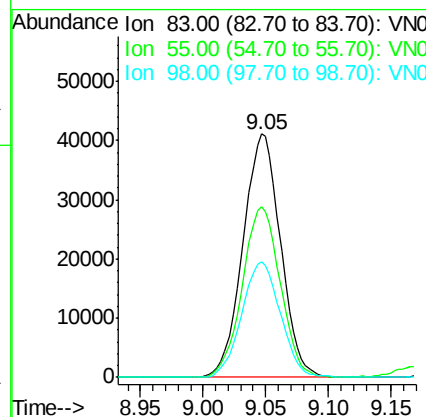
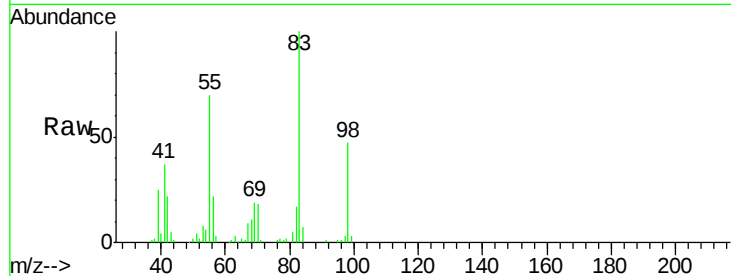
#39
Methvlcvclohexane
Concen: 18.051 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062131.D
Acq: 26 Jun 2020 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS01

Tot Ion	83	Resp	85590
Ion Ratio	100	Lower	Upper
83	100		
55	70.0	57.0	85.6
98	47.4	39.0	58.6

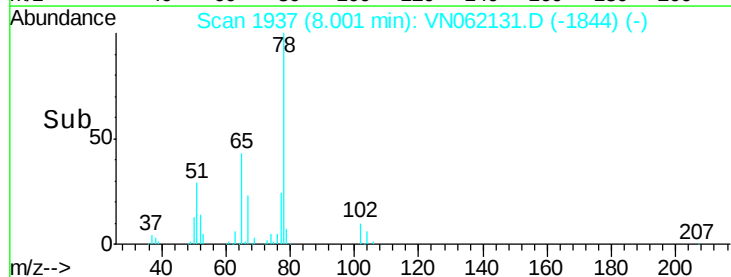
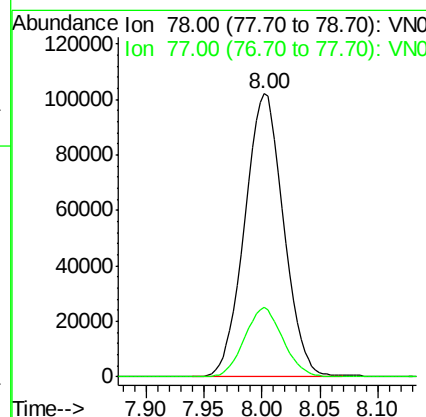
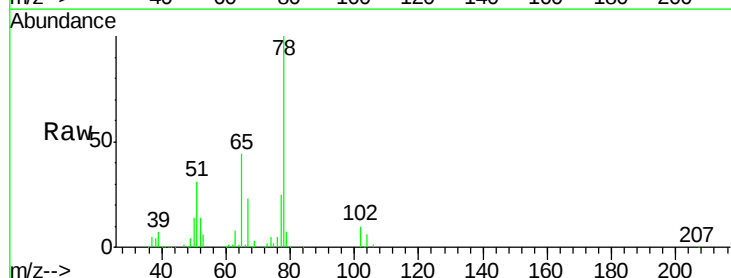
Manual Integrations
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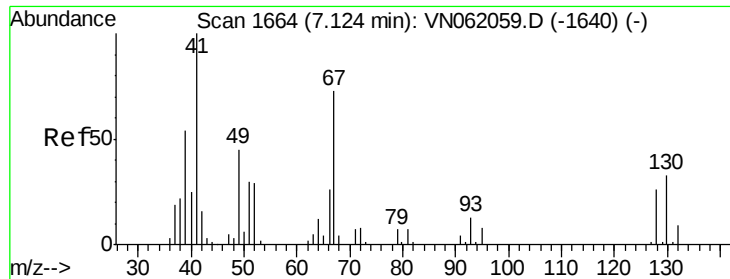
MMDadoda
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#40
Benzene
Concen: 18.107 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062131.D
Acq: 26 Jun 2020 11:42

Tgt Ion	78	Resp	238827
Ion Ratio	100	Lower	Upper
78	100		
77	24.5	19.5	29.3





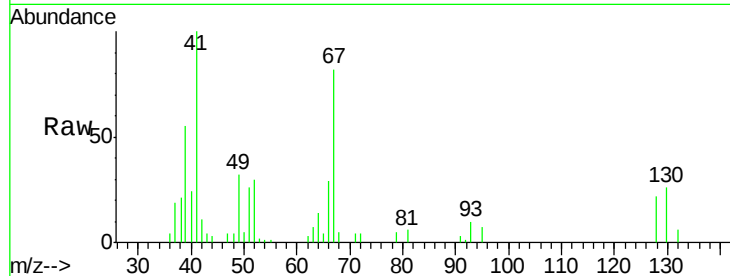
#41
Methacrylonitrile
Concen: 14.964 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.00 min
Lab File: VN062131.D
Acq: 26 Jun 2020 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	67.4	44.2	66.2	#
67	118.4	79.5	119.3	
52	47.9	32.3	48.5	

Manual Integrations
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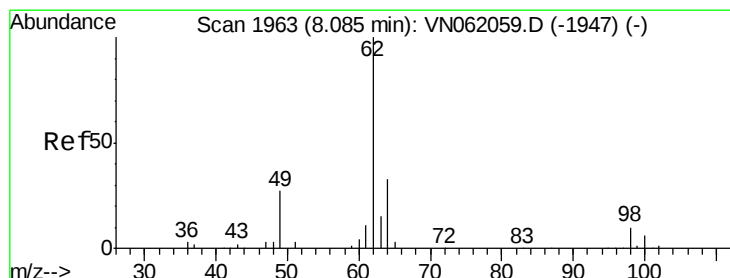
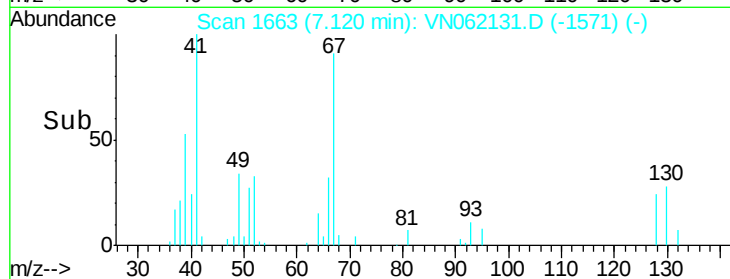
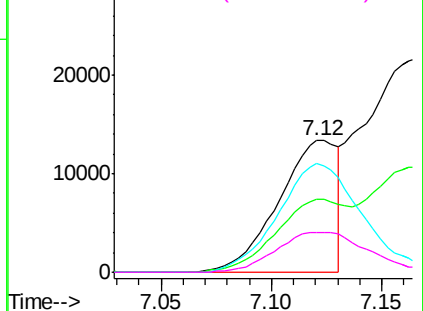


Abundance Ion 41.00 (40.70 to 41.70): VN062059.D (-1640) (-)

Ion 39.00 (38.70 to 39.70): VN062059.D (-1640) (-)

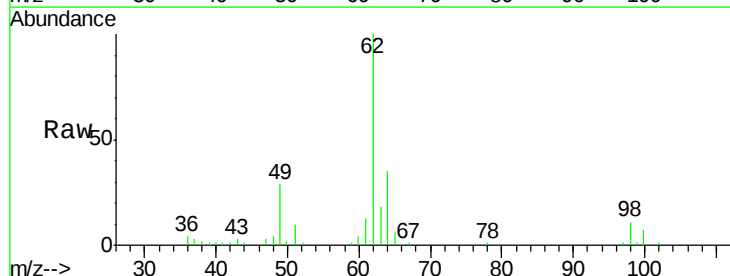
Ion 67.00 (66.70 to 67.70): VN062059.D (-1640) (-)

Ion 52.00 (51.70 to 52.70): VN062059.D (-1640) (-)



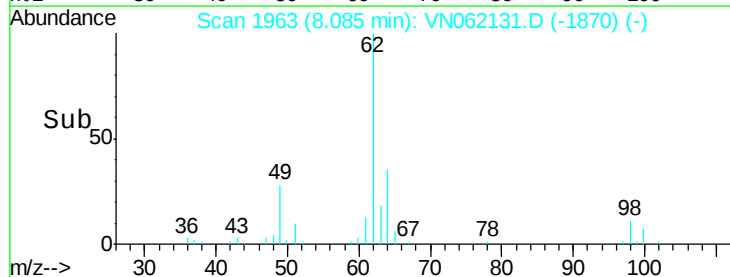
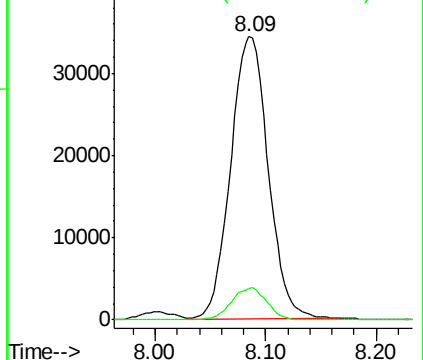
#42
1,2-Dichloroethane
Concen: 18.203 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062131.D
Acq: 26 Jun 2020 11:42

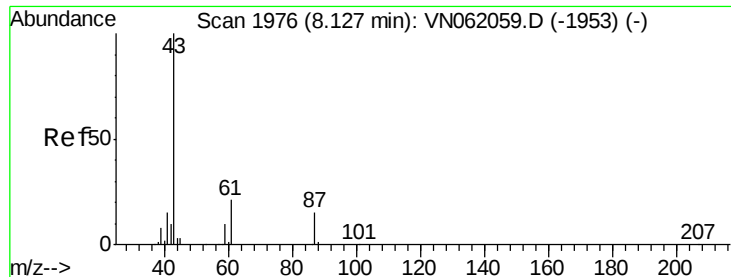
Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.6	0.0	19.8	



Abundance Ion 61.90 (61.60 to 62.60): VN062059.D (-1947) (-)

Ion 97.90 (97.60 to 98.60): VN062059.D (-1947) (-)





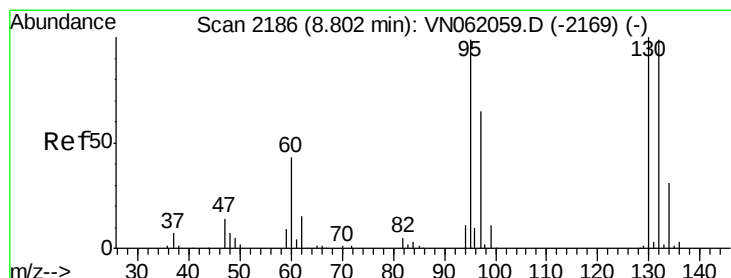
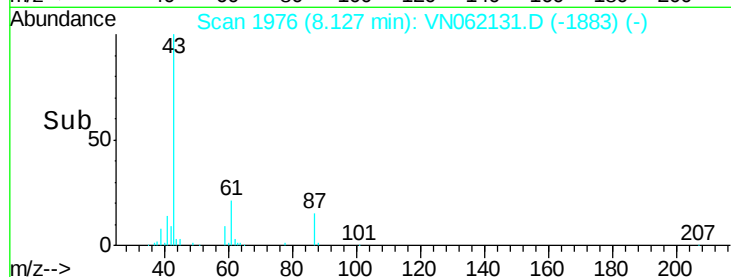
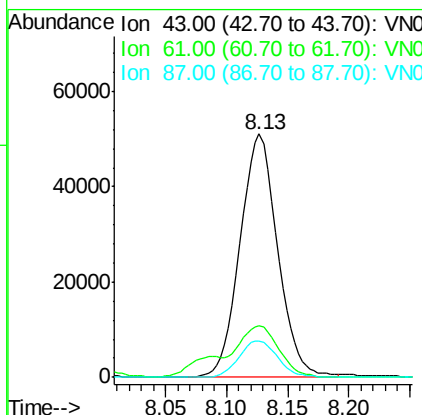
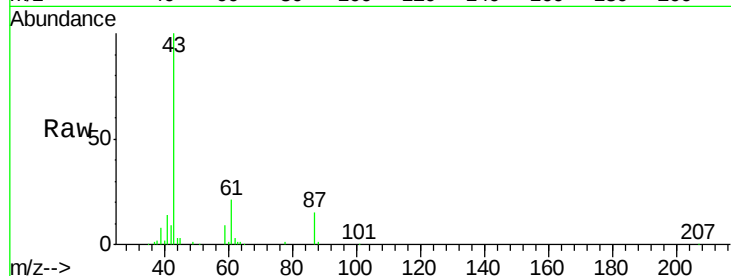
#43
Isopropyl Acetate
Concen: 18.631 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062131.D
Acq: 26 Jun 2020 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.3	17.2	25.8
87	15.4	12.1	18.1

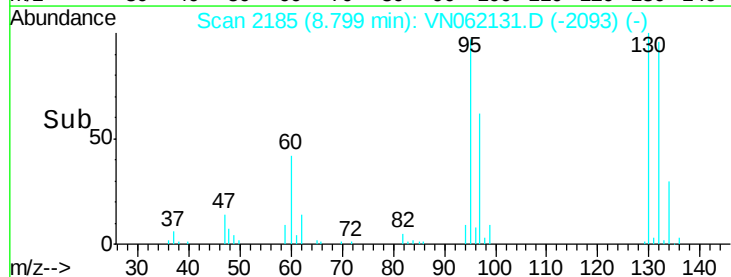
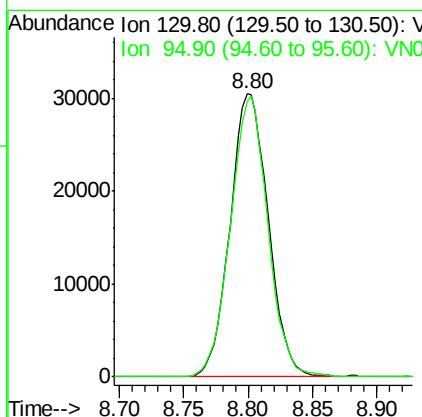
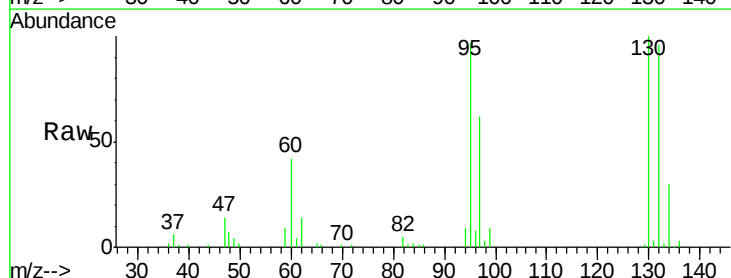
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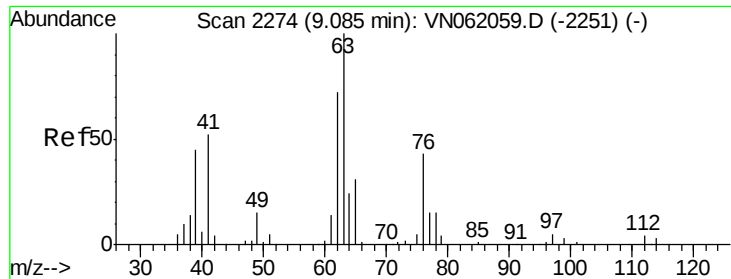
MMDadoda
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#44
Trichloroethene
Concen: 18.844 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN062131.D
Acq: 26 Jun 2020 11:42

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.2	0.0	197.8





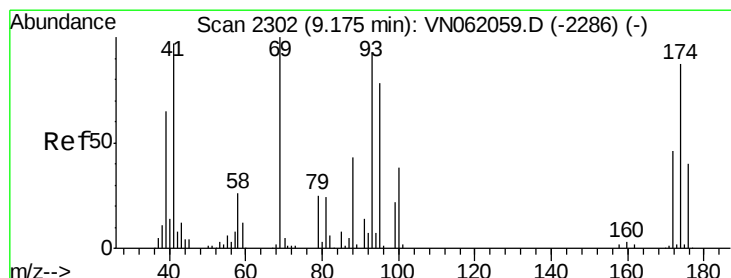
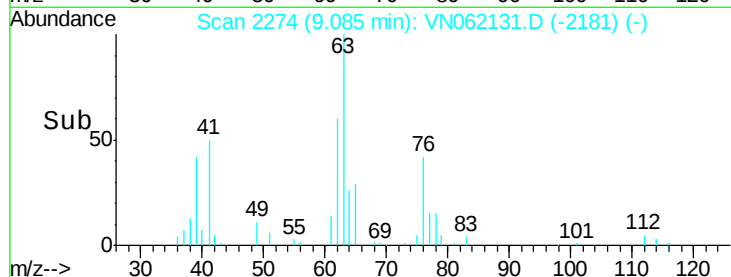
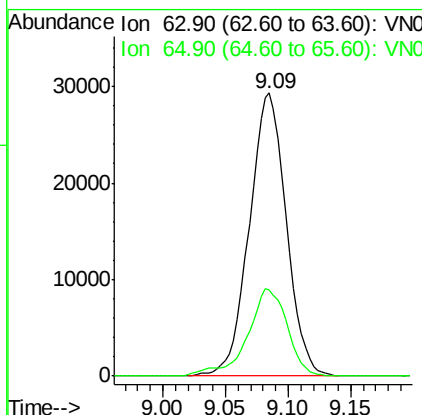
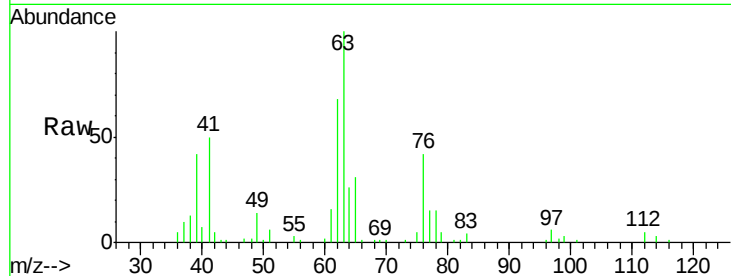
#45
 1,2-Dichloropropane
 Concen: 18.472 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062131.D
 Acq: 26 Jun 2020 11:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBS01

Tot Ion: 63 Resp: 60107
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.0 37.4

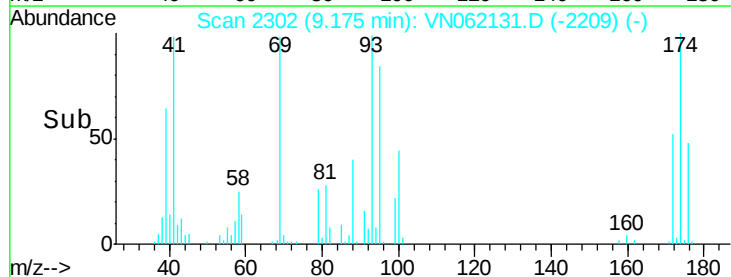
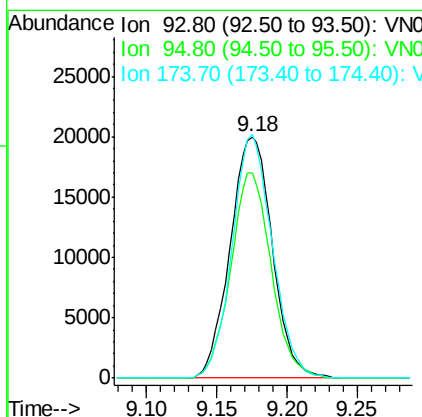
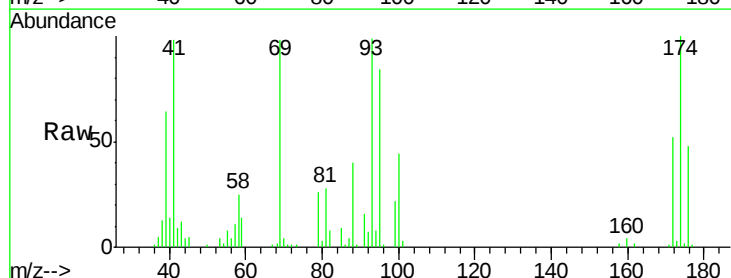
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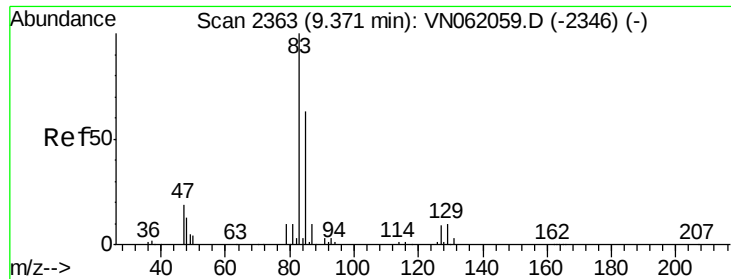
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#46
 Dibromomethane
 Concen: 18.950 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062131.D
 Acq: 26 Jun 2020 11:42

Tgt Ion: 93 Resp: 41807
 Ion Ratio Lower Upper
 93 100
 95 81.6 67.0 100.6
 174 96.1 74.4 111.6





#47

Bromodichloromethane

Concen: 18.886 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

Instrument :

MSVOA_N

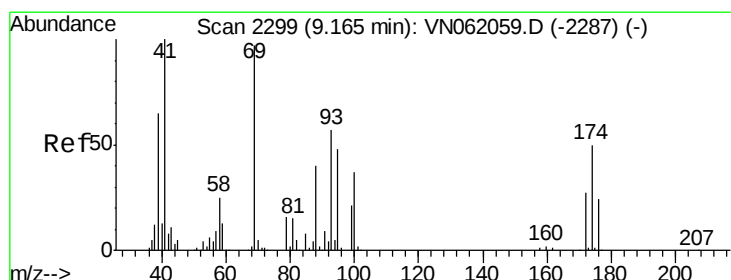
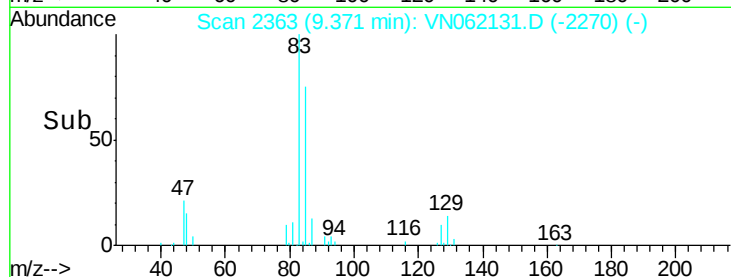
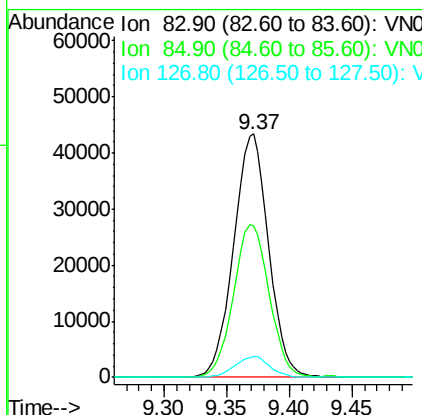
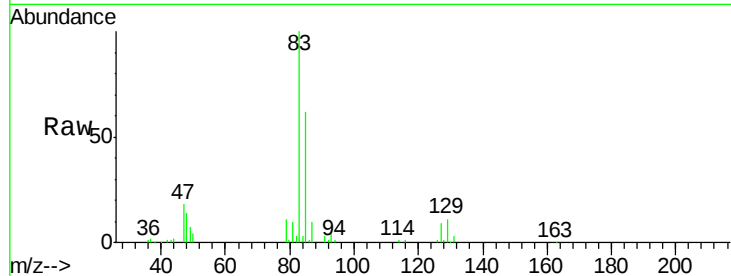
ClientSampleId :

VN0626WBS01

Tot Ion:	83	Resp:	84130
Ion	Ratio	Lower	Upper
83	100		
85	62.1	50.3	75.5
127	8.6	6.9	10.3

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#48

Methyl methacrylate

Concen: 18.072 ug/l

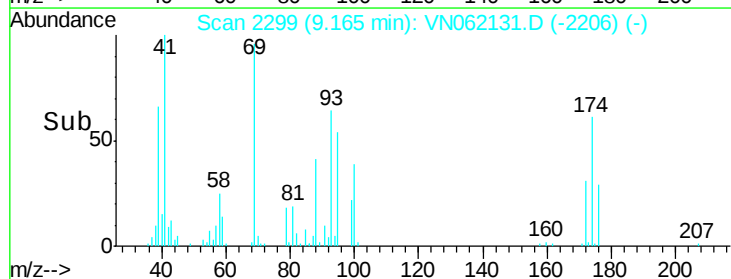
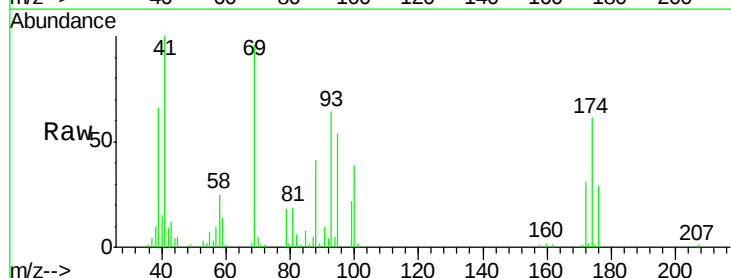
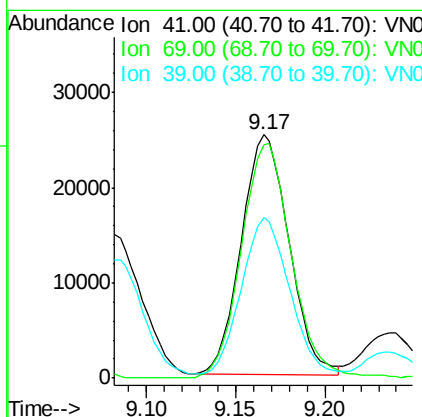
RT: 9.17 min Scan# 2299

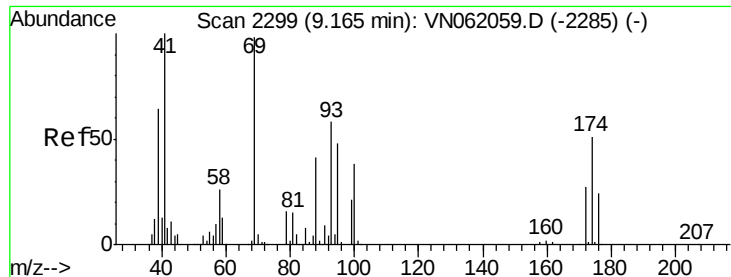
Delta R.T. -0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

Tgt Ion:	41	Resp:	47333
Ion	Ratio	Lower	Upper
41	100		
69	101.9	80.7	121.1
39	68.0	54.5	81.7





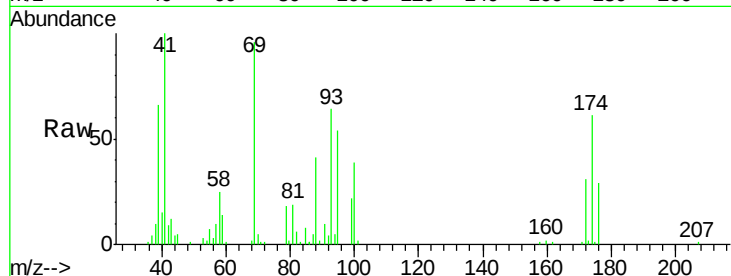
#49
1,4-Dioxane
Concen: 374.333 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062131.D
Acq: 26 Jun 2020 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS01

Tot Ion	88	Resp	21742
Ion	Ratio	Lower	Upper
88	100		
43	29.9	22.0	33.0
58	61.1	49.2	73.8

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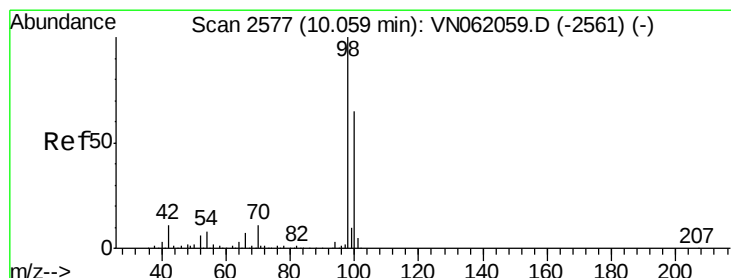
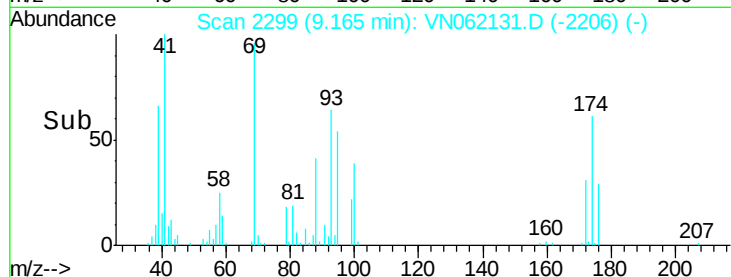
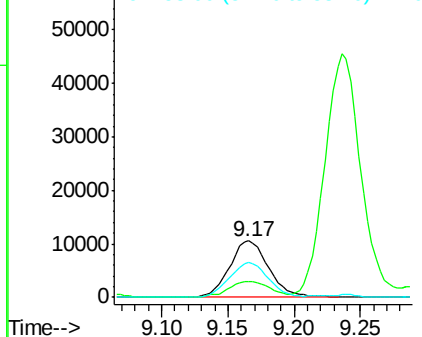


Abundance

Ion 88.00 (87.70 to 88.70): VN062131.D (-2206) (-)

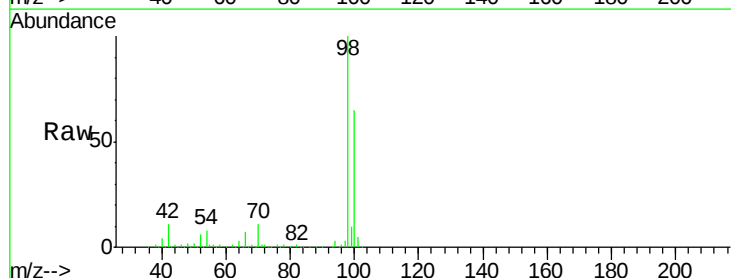
Ion 43.00 (42.70 to 43.70): VN062131.D (-2206) (-)

Ion 58.00 (57.70 to 58.70): VN062131.D (-2206) (-)



#50
Toluene-d8
Concen: 47.011 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062131.D
Acq: 26 Jun 2020 11:42

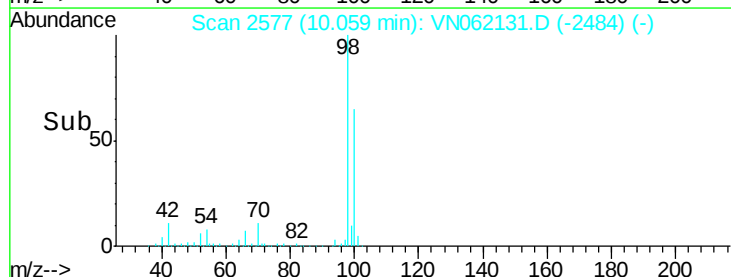
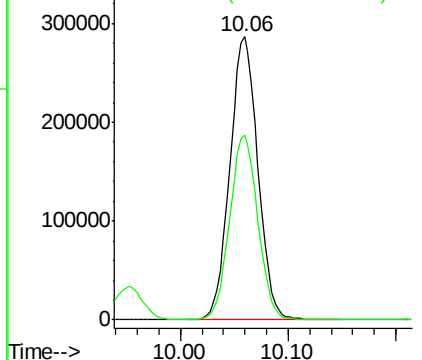
Tgt Ion	98	Resp	519028
Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.2	76.8

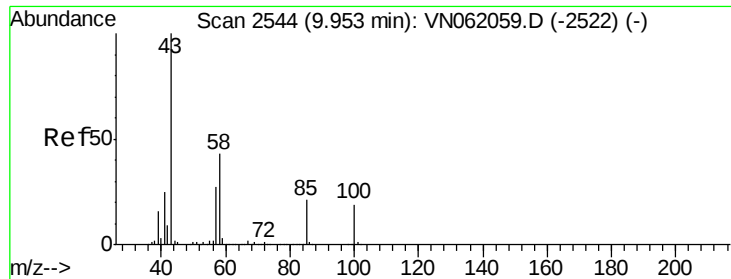


Abundance

Ion 98.00 (97.70 to 98.70): VN062131.D (-2484) (-)

Ion 100.00 (99.70 to 100.70): VN062131.D (-2484) (-)





#51

4-Methyl-2-Pentanone

Concen: 94.395 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBS01

Tot Ion: 43 Resp: 322158

Ion Ratio Lower Upper

43 100

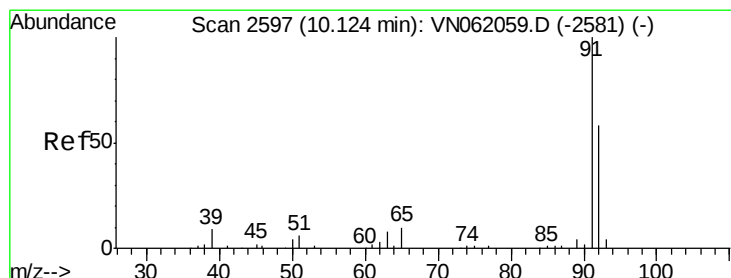
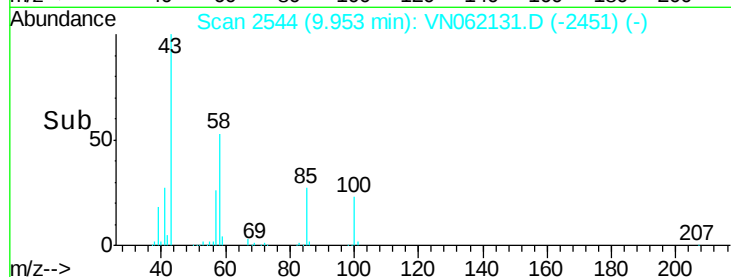
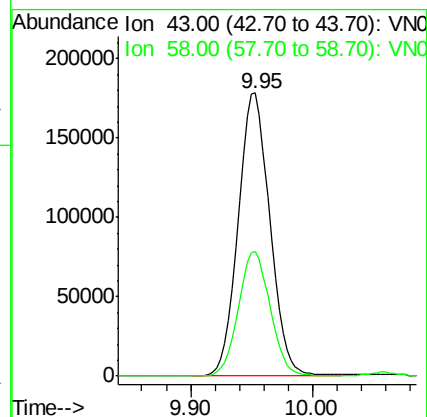
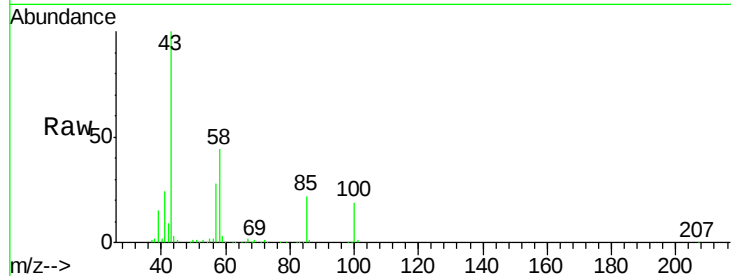
58 44.0 34.2 51.2

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#52

Toluene

Concen: 19.472 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062131.D

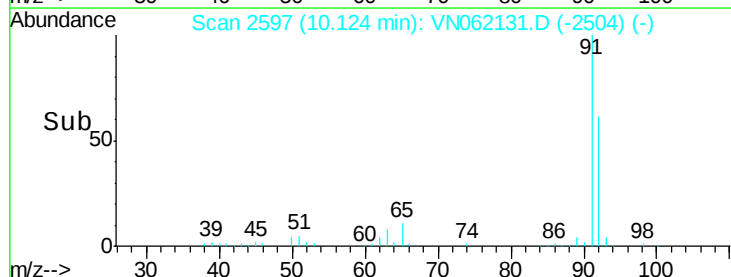
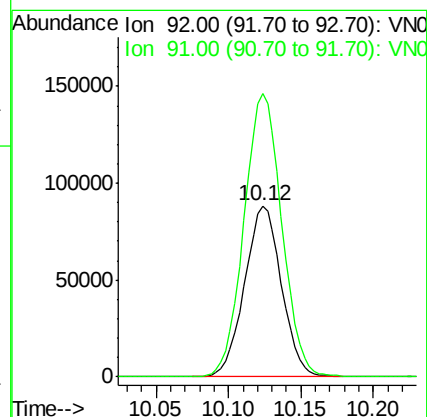
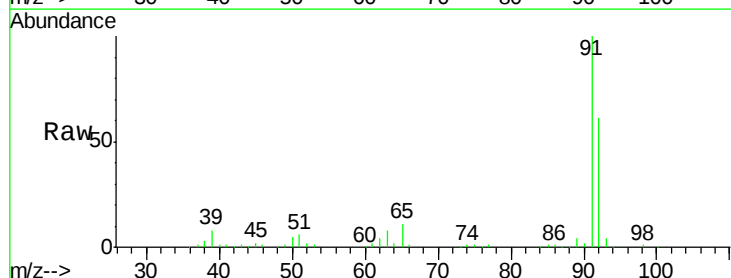
Acq: 26 Jun 2020 11:42

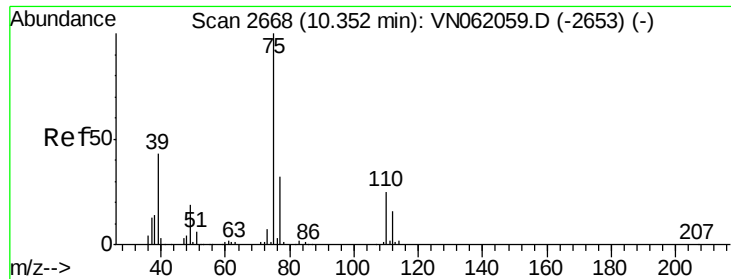
Tgt Ion: 92 Resp: 156707

Ion Ratio Lower Upper

92 100

91 169.1 137.4 206.0





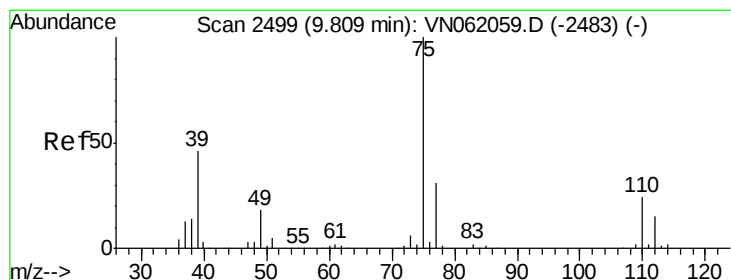
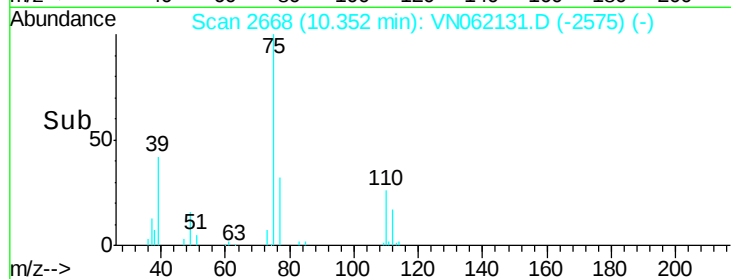
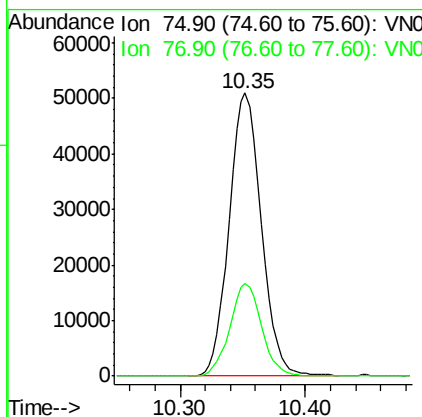
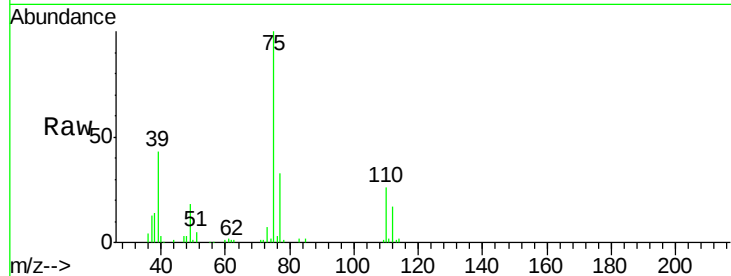
#53
 t-1,3-Dichloropropene
 Concen: 18.570 ug/l
 RT: 10.35 min Scan# 2668
 Delta R.T. -0.00 min
 Lab File: VN062131.D
 Acq: 26 Jun 2020 11:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBS01

Tot Ion: 75 Resp: 91010
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.5 38.3

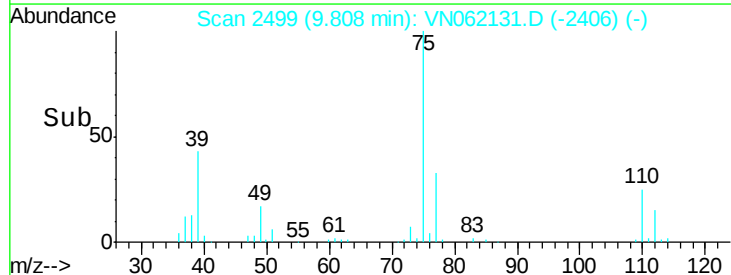
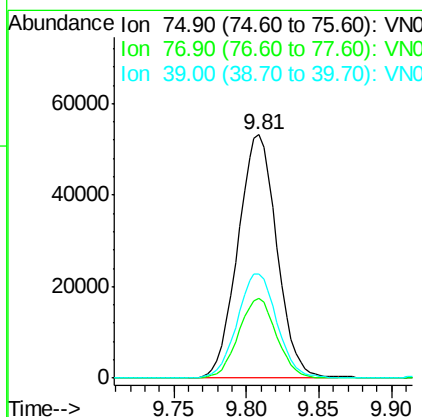
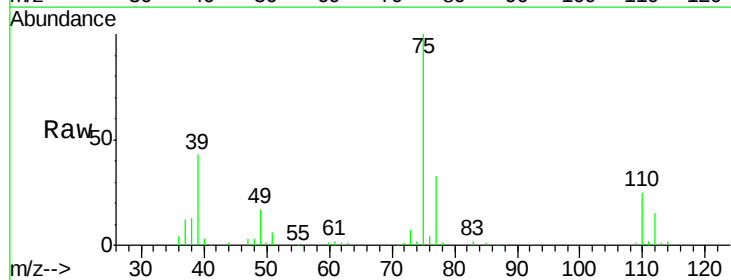
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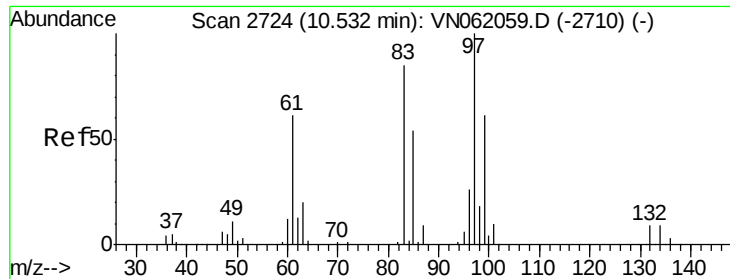
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#54
 cis-1,3-Dichloropropene
 Concen: 19.050 ug/l
 RT: 9.81 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: VN062131.D
 Acq: 26 Jun 2020 11:42

Tgt Ion: 75 Resp: 99396
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.0 37.6
 39 42.8 36.9 55.3





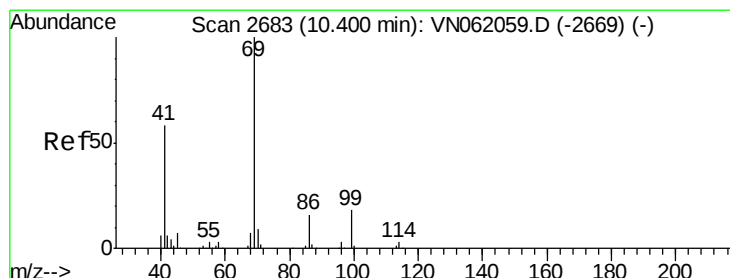
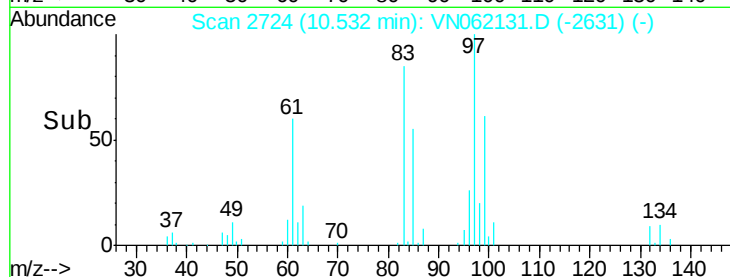
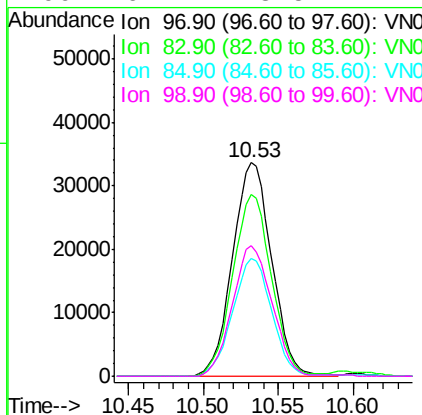
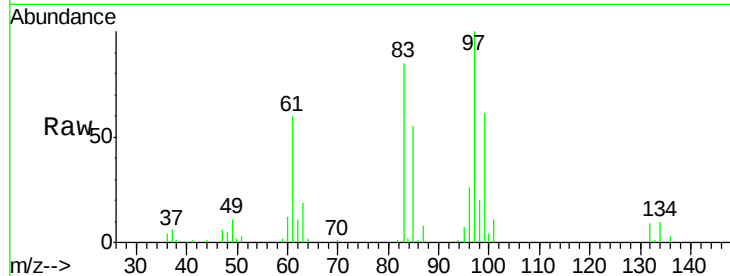
#55
 1,1,2-Trichloroethane
 Concen: 19.448 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062131.D
 Acq: 26 Jun 2020 11:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		61525		
83	85.0	68.2	102.2		
85	55.1	43.2	64.8		
99	61.2	48.5	72.7		

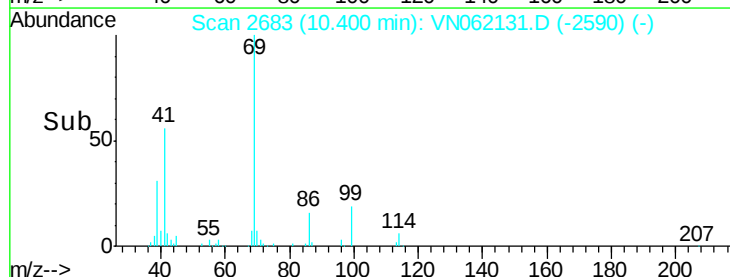
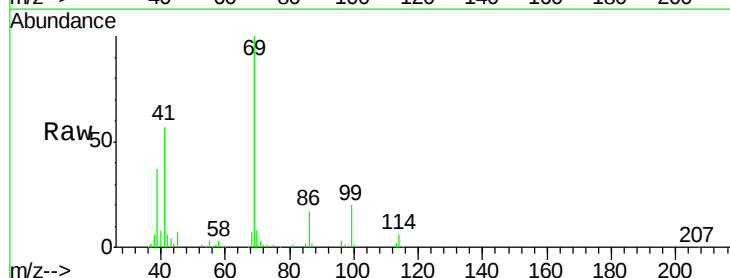
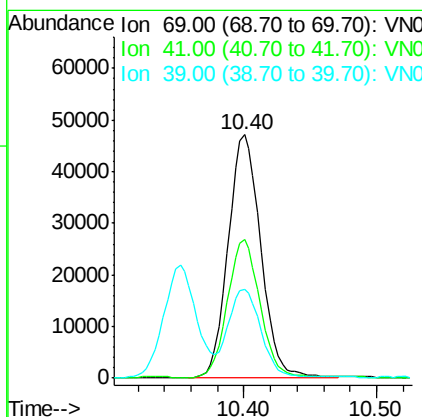
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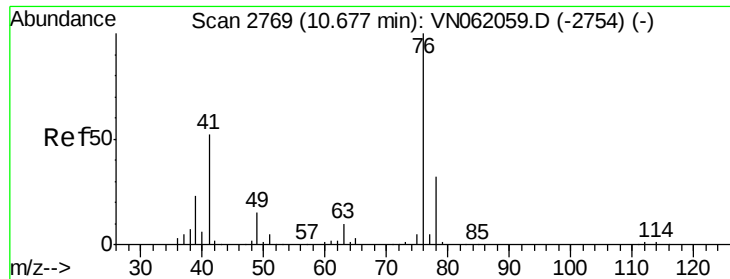
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#56
 Ethyl methacrylate
 Concen: 19.137 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062131.D
 Acq: 26 Jun 2020 11:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		80791		
41	56.0	46.6	70.0		
39	35.7	31.0	46.4		





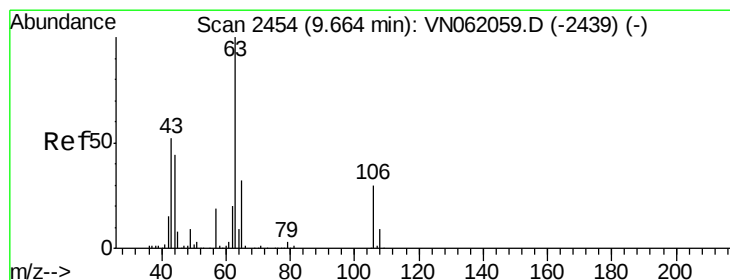
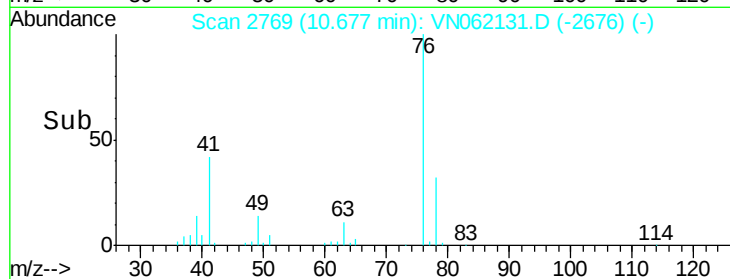
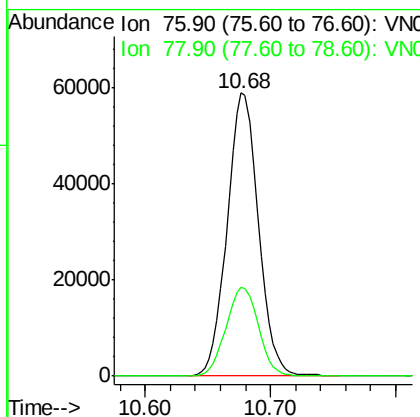
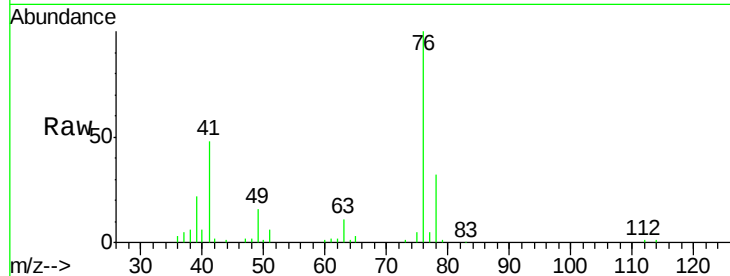
#57
 1,3-Dichloropropane
 Concen: 18.760 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062131.D
 Acq: 26 Jun 2020 11:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.8	38.8

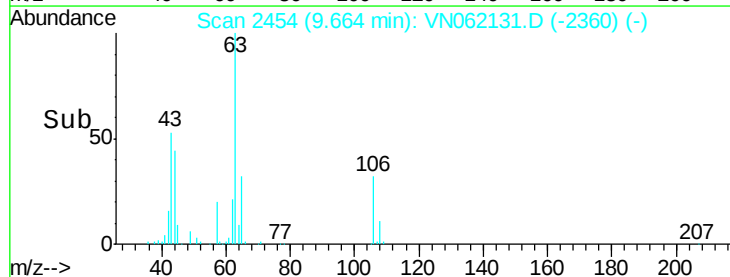
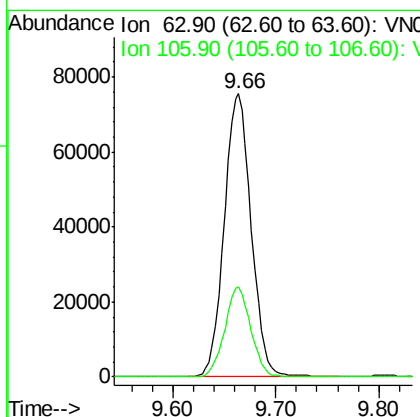
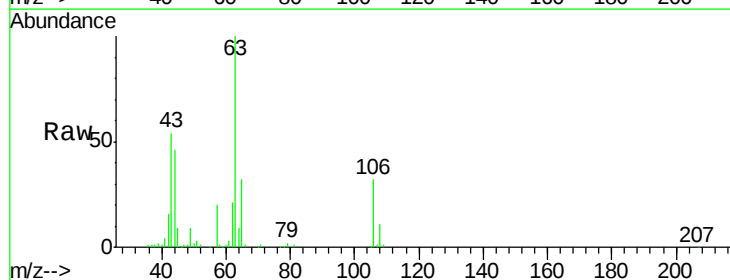
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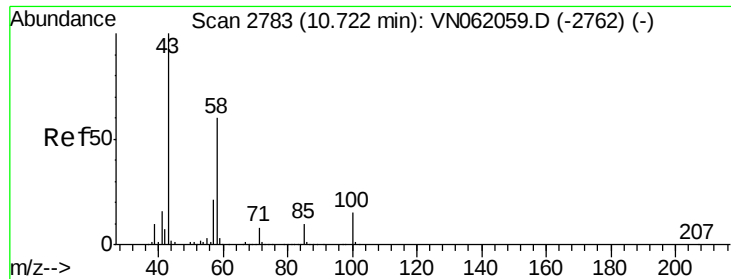
MMDadoda
 6/29/2020 12:35:29 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 87.619 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062131.D
 Acq: 26 Jun 2020 11:42

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.7	23.2	34.8





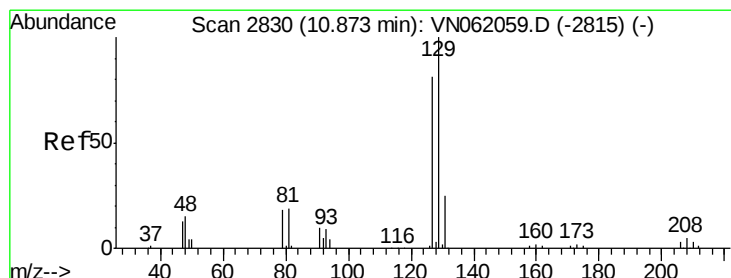
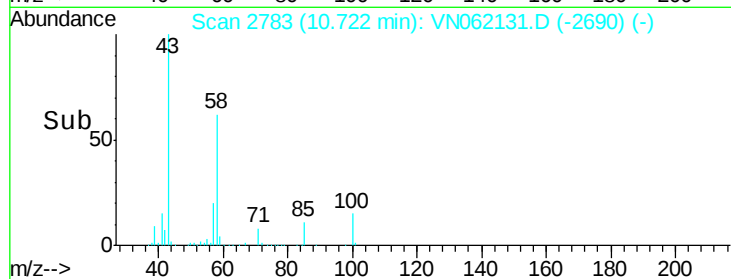
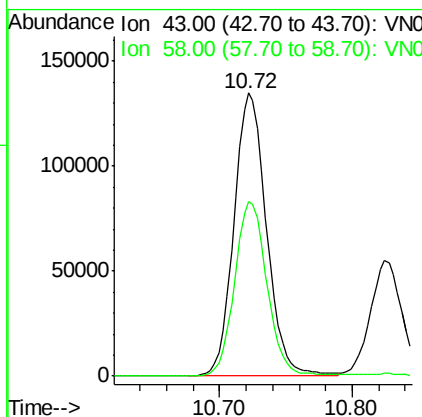
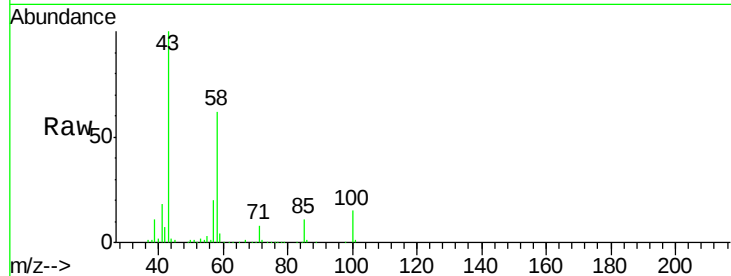
#59
2-Hexanone
Concen: 93.279 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062131.D
Acq: 26 Jun 2020 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS01

Tot Ion	43	Resp	229878
Ion Ratio	43	100	
Lower	58	61.2	29.5
Upper			88.5

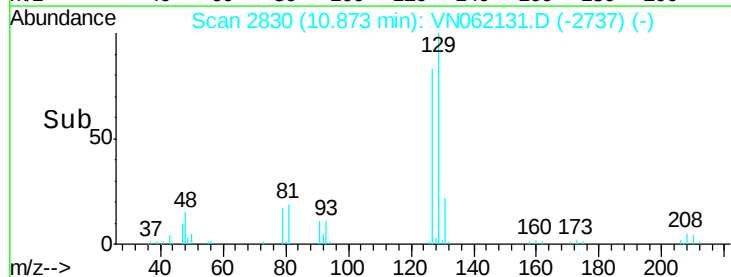
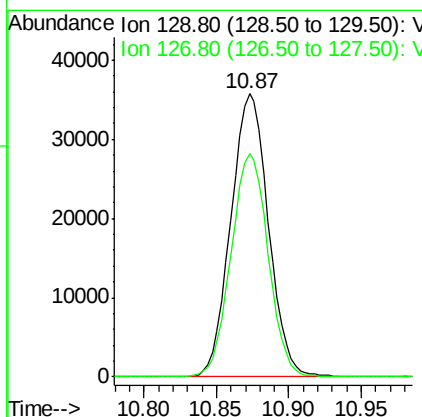
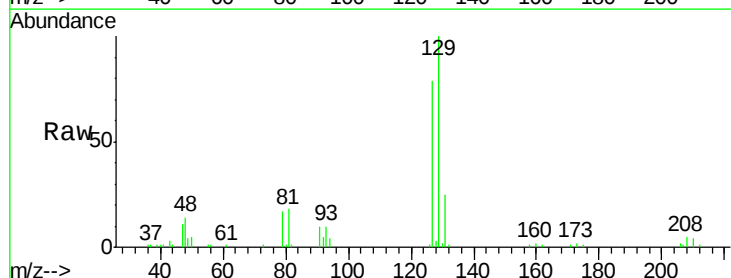
Manual Integrations
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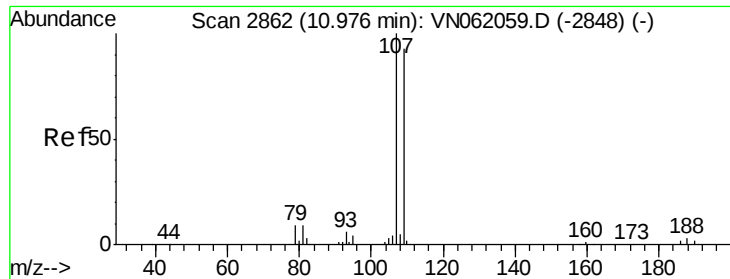
MMDadoda
6/29/2020 12:35:29 PM



#60
Dibromochloromethane
Concen: 19.206 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062131.D
Acq: 26 Jun 2020 11:42

Tgt Ion	129	Resp	64325
Ion Ratio	129	100	
Lower	127	77.8	39.5
Upper			118.5





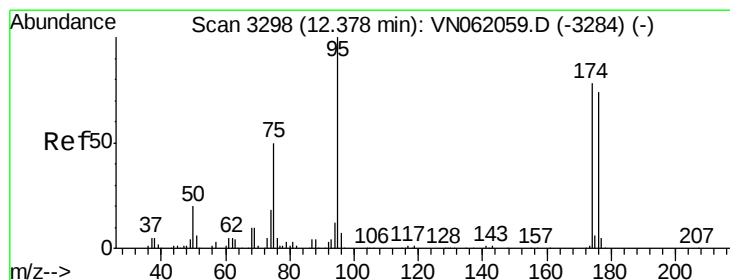
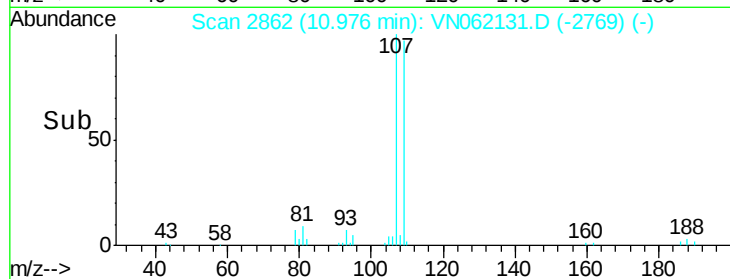
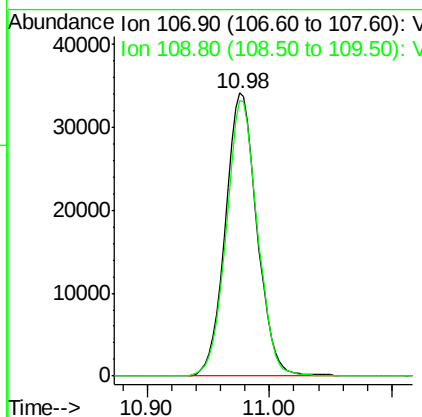
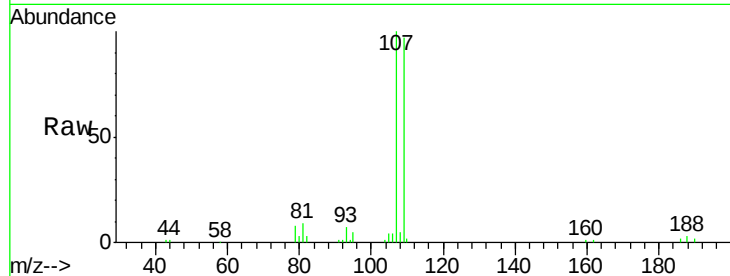
#61
 1,2-Dibromoethane
 Concen: 19.028 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062131.D
 Acq: 26 Jun 2020 11:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.9	75.0	112.6

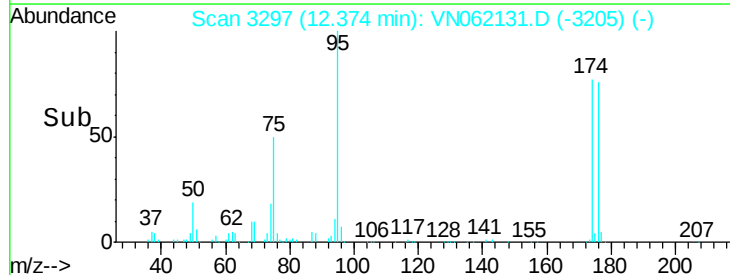
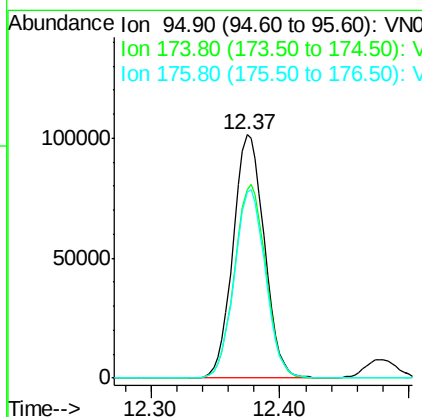
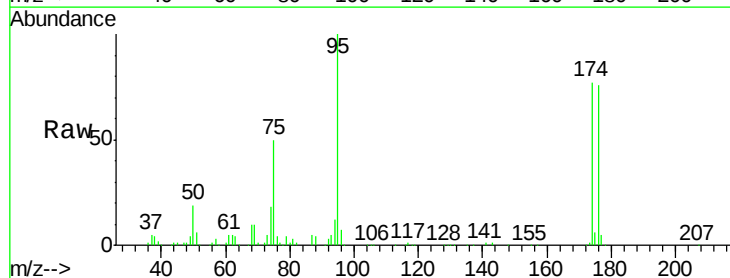
Manual Integrations
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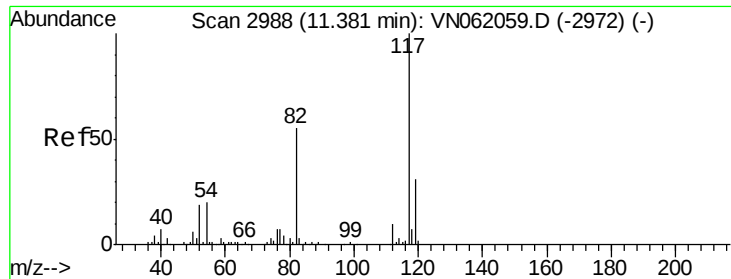
MMDadoda
 6/29/2020 12:35:29 PM



#62
 4-Bromofluorobenzene
 Concen: 45.848 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062131.D
 Acq: 26 Jun 2020 11:42

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.6	0.0	154.8
176	77.2	0.0	147.4





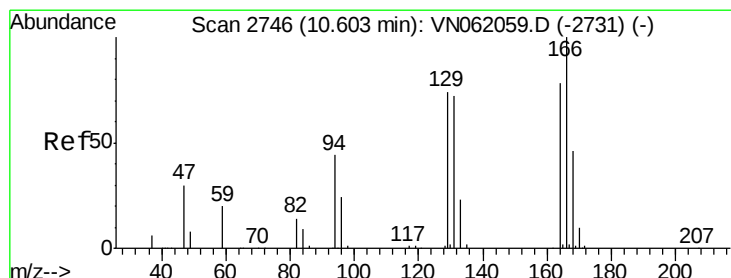
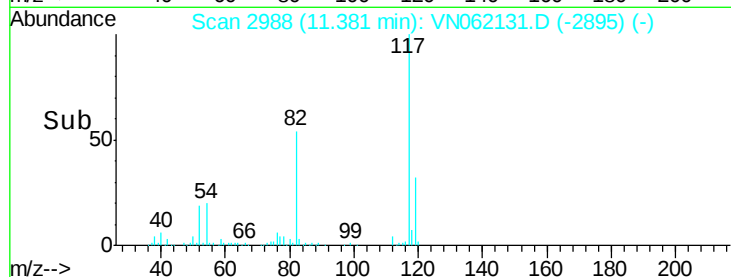
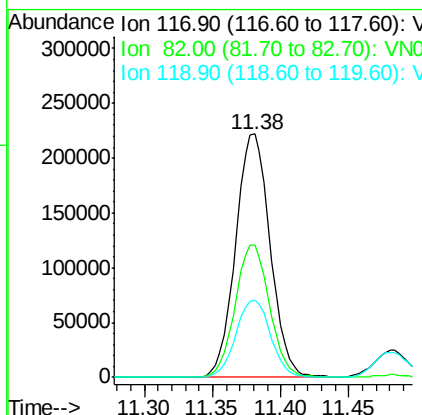
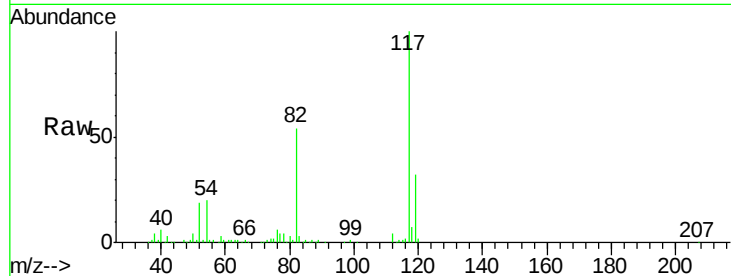
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062131.D
Acq: 26 Jun 2020 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	390605		
82	54.2		43.8	65.8
119	31.8		25.2	37.8

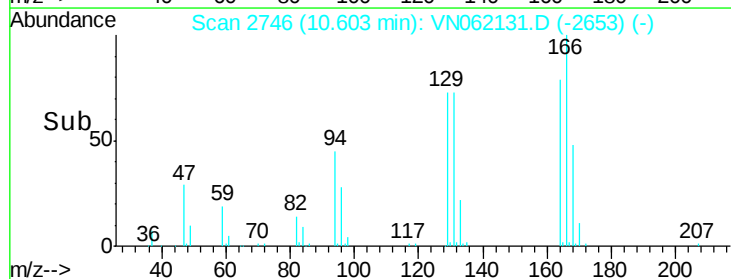
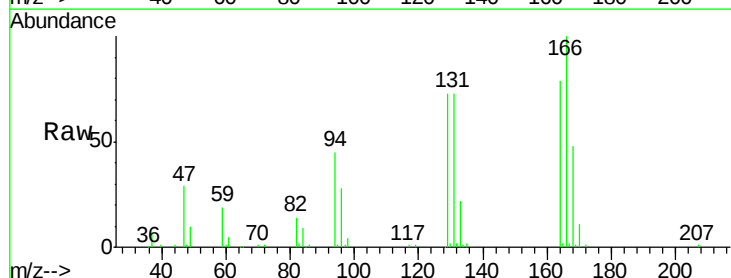
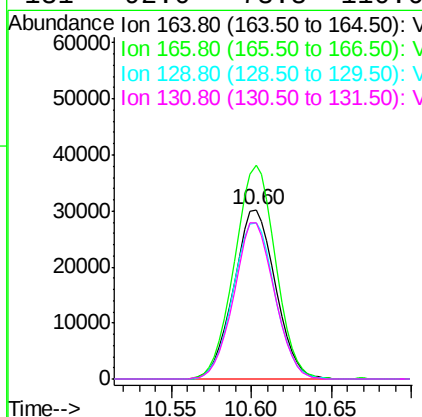
Manual Integrations
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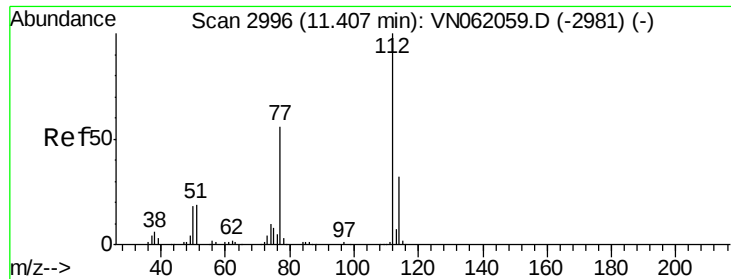
MMDadoda
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#64
Tetrachloroethene
Concen: 20.164 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062131.D
Acq: 26 Jun 2020 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	53801		
166	126.0		102.9	154.3
129	92.4		75.8	113.8
131	92.0		73.8	110.6





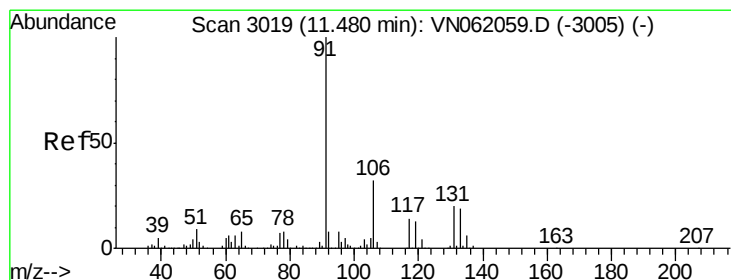
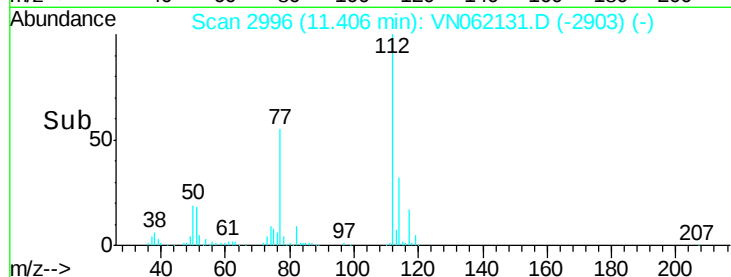
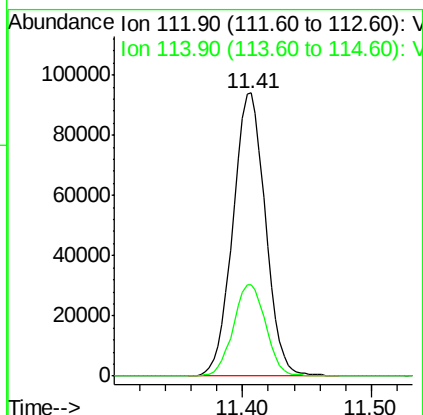
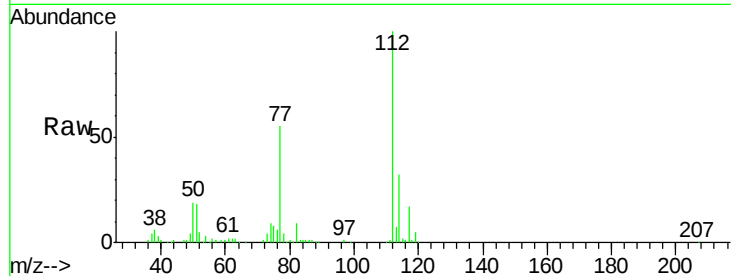
#65
Chlorobenzene
Concen: 19.188 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062131.D
Acq: 26 Jun 2020 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS01

Tot Ion:112 Resp: 164594
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.8

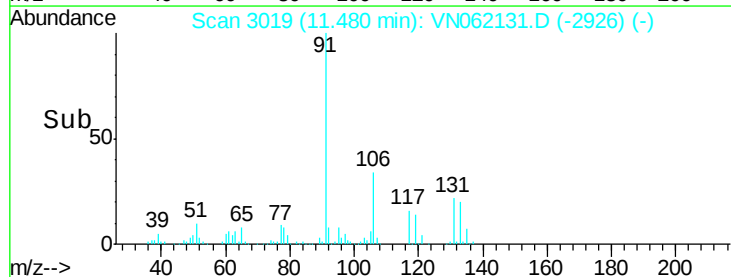
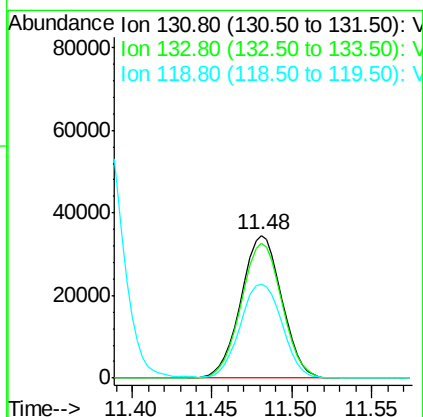
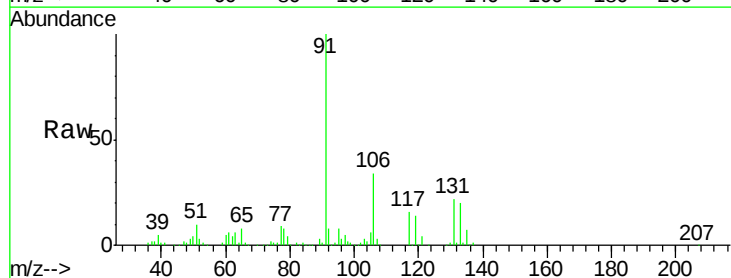
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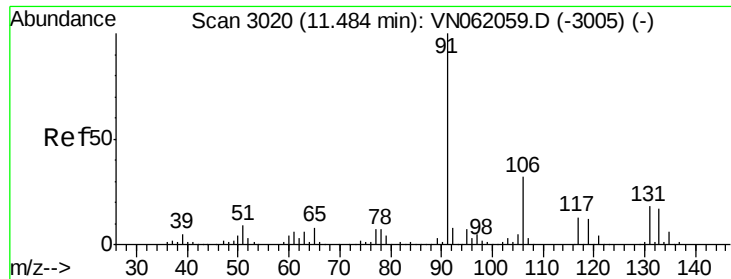
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.267 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062131.D
Acq: 26 Jun 2020 11:42

Tgt Ion:131 Resp: 60114
Ion Ratio Lower Upper
131 100
133 94.7 47.6 142.9
119 67.6 34.4 103.3





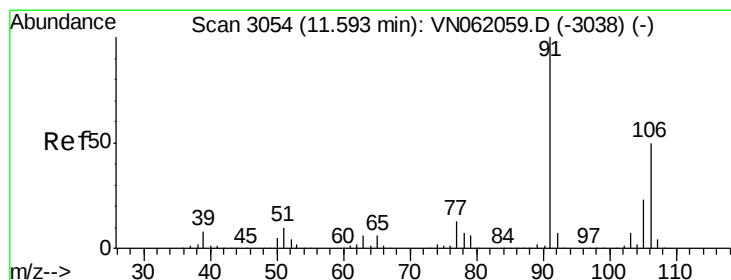
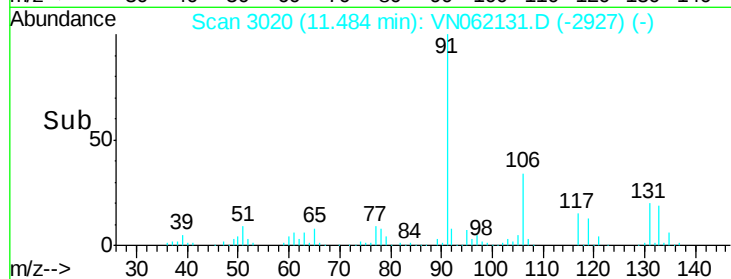
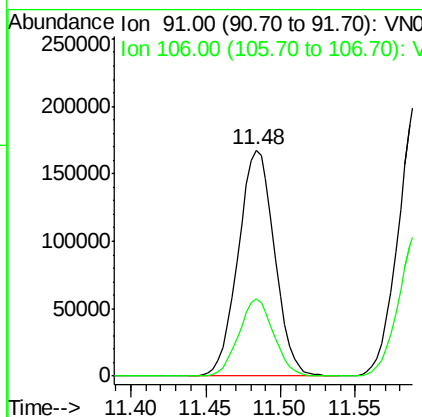
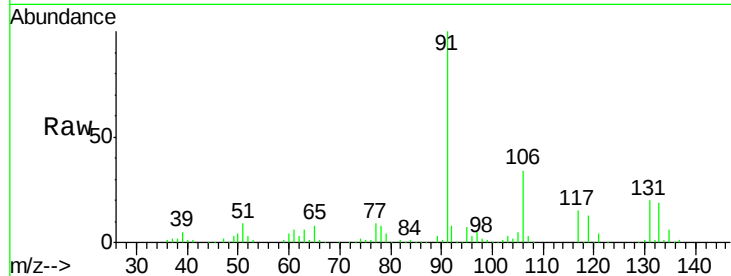
#67
Ethyl Benzene
Concen: 19.562 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062131.D
Acq: 26 Jun 2020 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS01

Tot Ion: 91 Resp: 283391
Ion Ratio Lower Upper
91 100
106 34.1 25.3 37.9

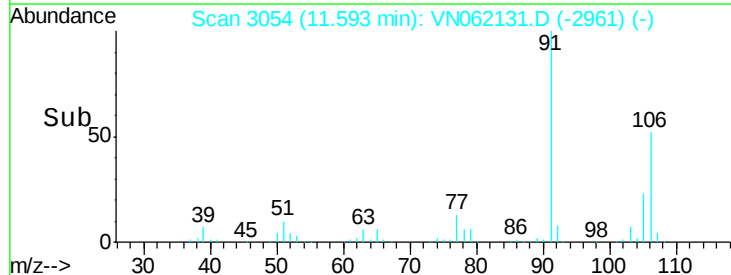
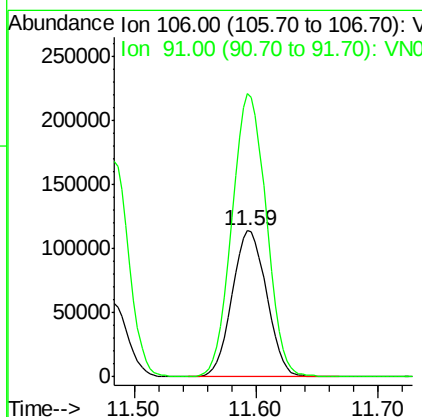
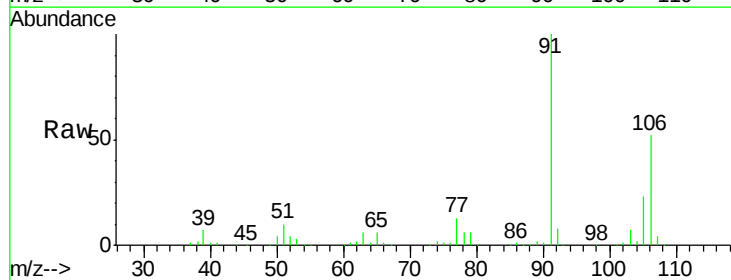
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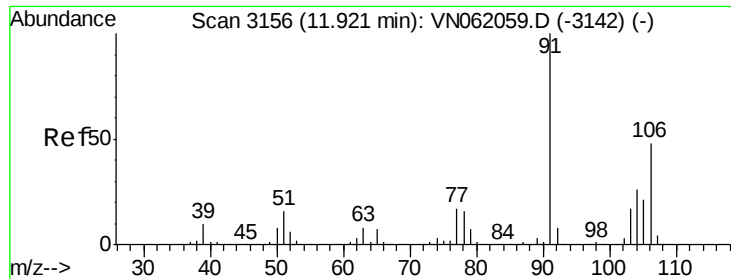
MMDadoda
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#68
m/p-Xylenes
Concen: 40.007 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062131.D
Acq: 26 Jun 2020 11:42

Tgt Ion: 106 Resp: 224171
Ion Ratio Lower Upper
106 100
91 192.0 157.8 236.8





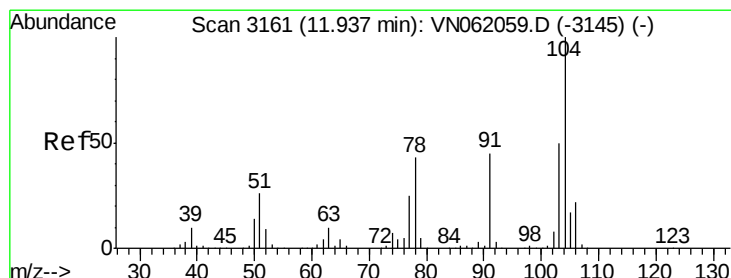
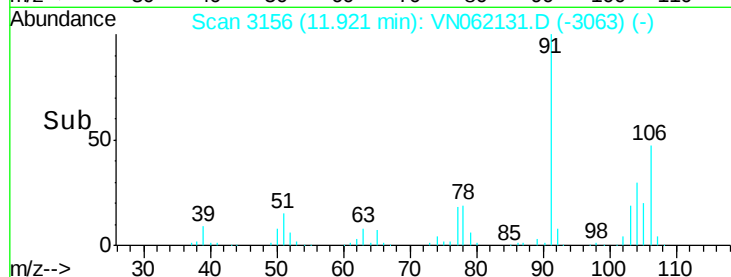
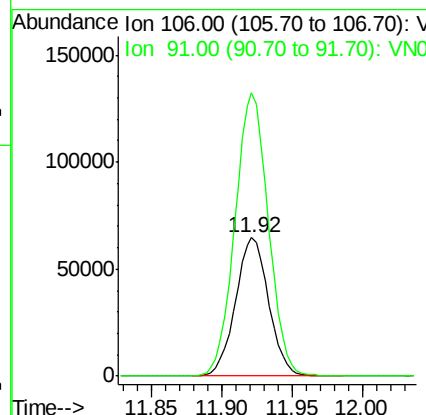
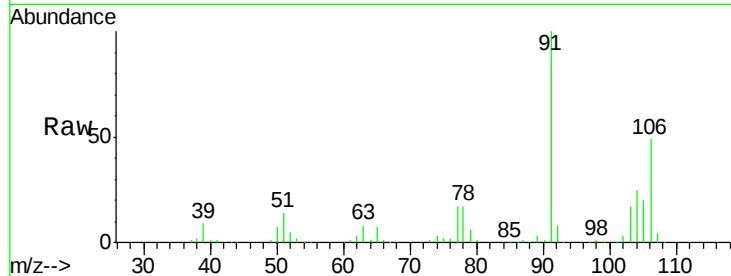
#69
o-Xylene
Concen: 20.197 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062131.D
Acq: 26 Jun 2020 11:42

Instrument :
MSVOA_N
ClientSampled :
VN0626WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	205.4	104.0	311.9		

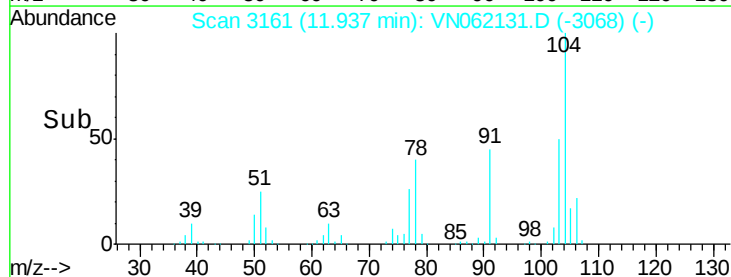
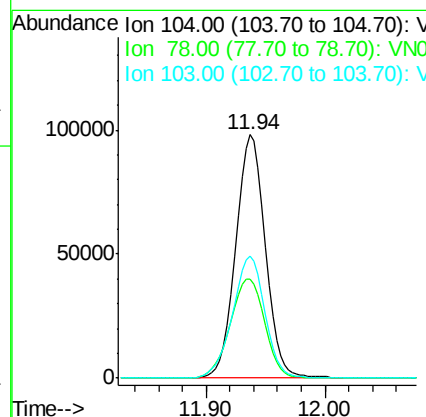
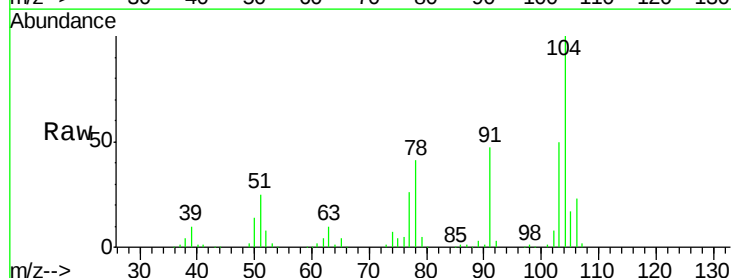
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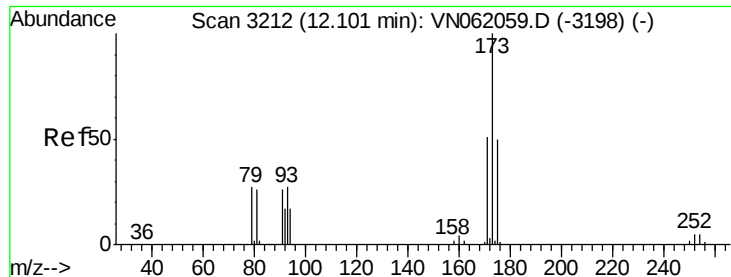
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#70
Styrene
Concen: 19.188 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062131.D
Acq: 26 Jun 2020 11:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	47.7	37.7	56.5		
103	54.9	43.0	64.6		





#71

Bromoform

Concen: 19.801 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBS01

Tot Ion:173 Resp: 41759

Ion Ratio Lower Upper

173 100

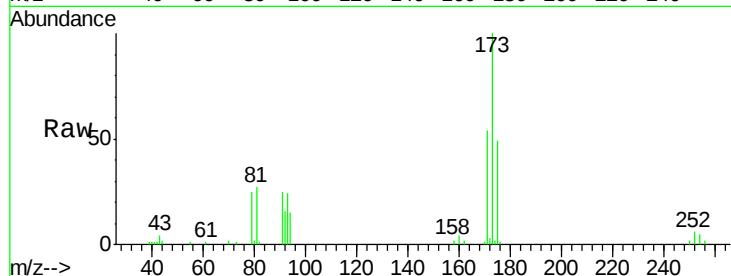
175 47.8 24.7 74.1

254 0.0 0.0 0.0

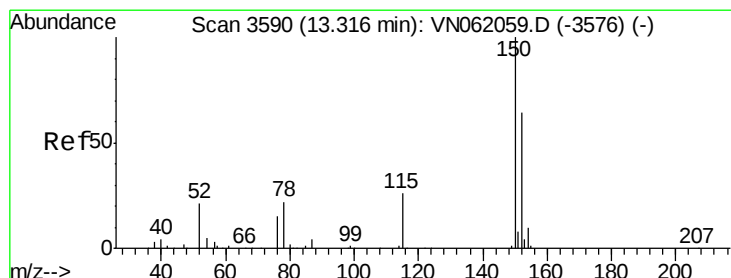
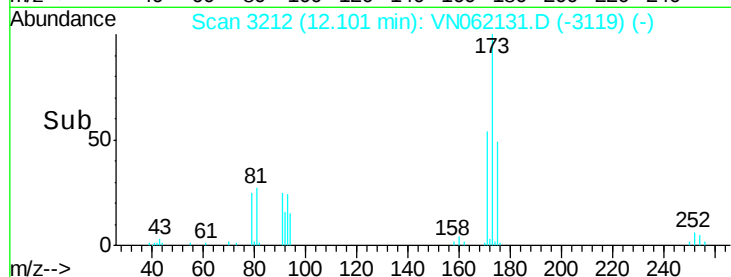
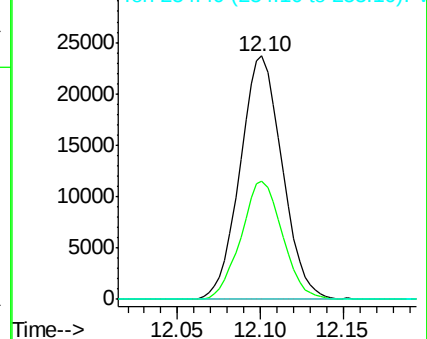
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

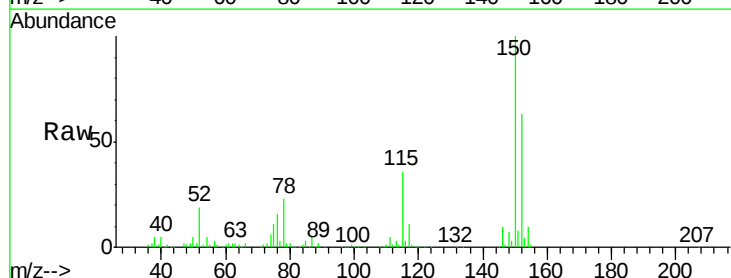
Tgt Ion:152 Resp: 175621

Ion Ratio Lower Upper

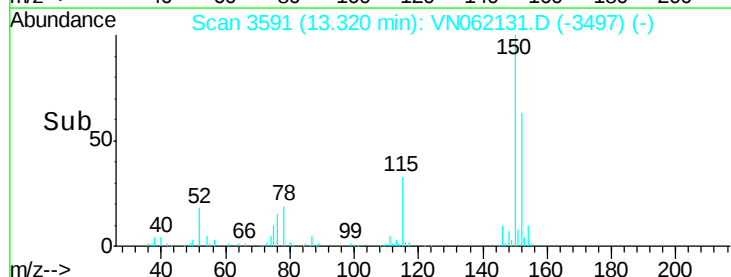
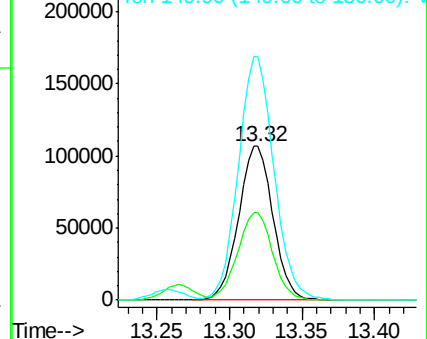
152 100

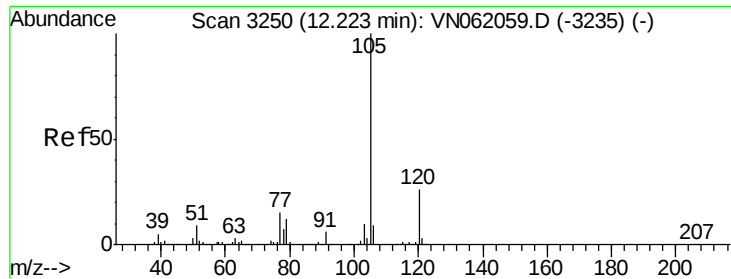
115 57.8 29.5 88.5

150 163.9 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: 20.311 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBS01

Tot Ion: 105 Resp: 276115

Ion Ratio Lower Upper

105 100

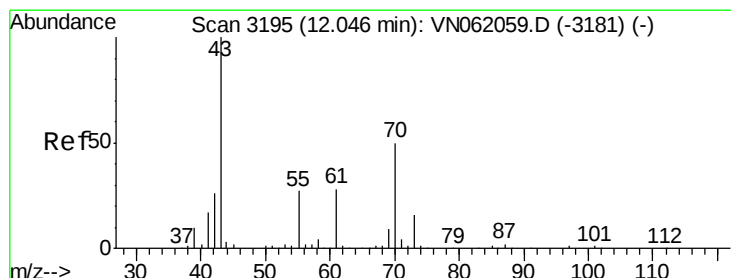
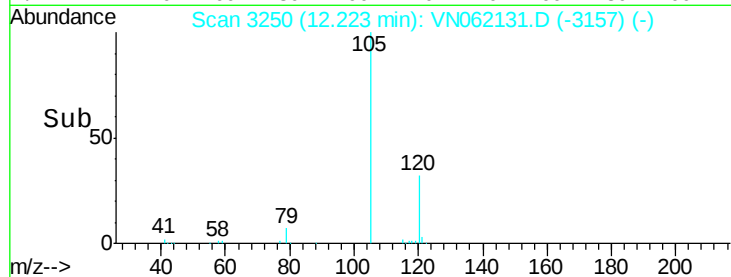
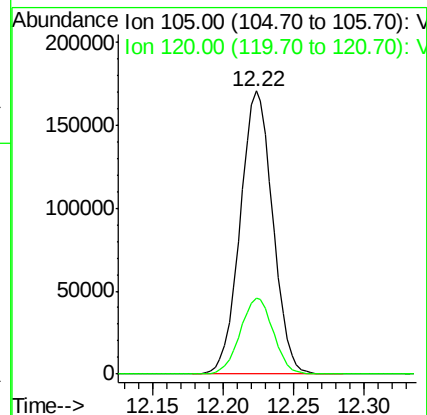
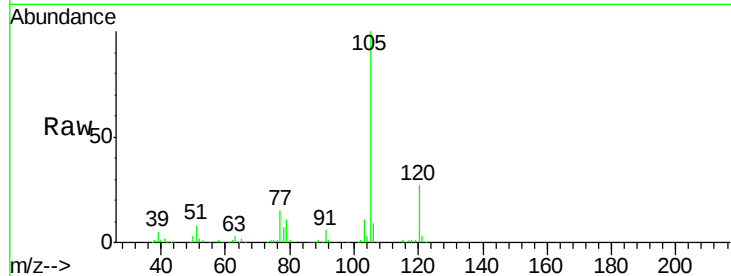
120 27.2 13.2 39.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 19.296 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

Tgt Ion: 43 Resp: 85556

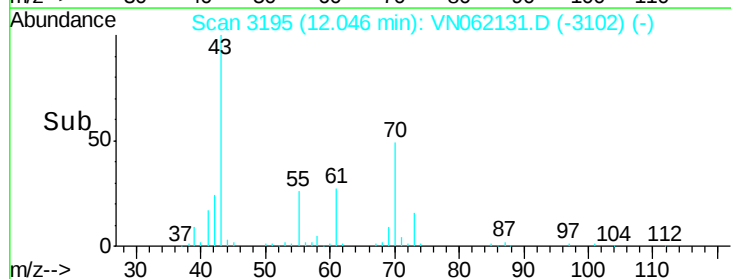
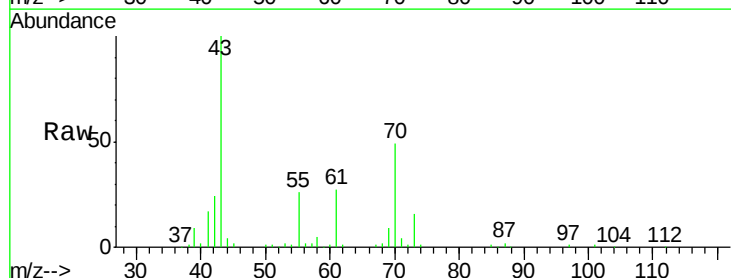
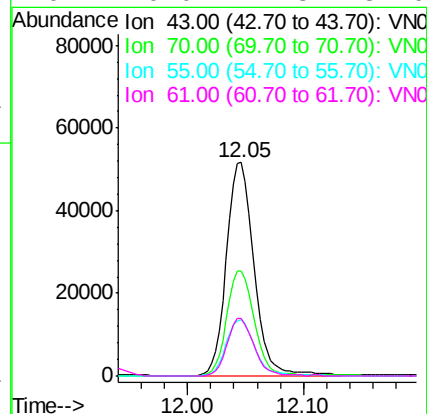
Ion Ratio Lower Upper

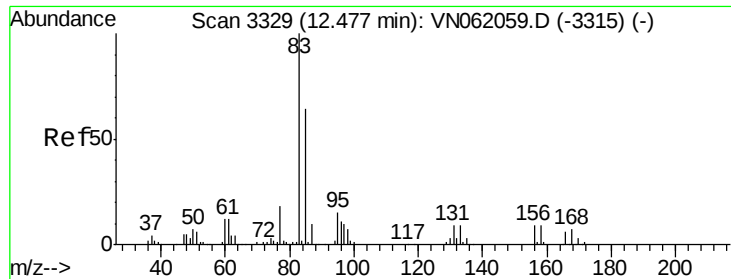
43 100

70 49.3 39.4 59.2

55 27.0 21.7 32.5

61 26.0 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 18.903 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

Instrument :

MSVOA_N

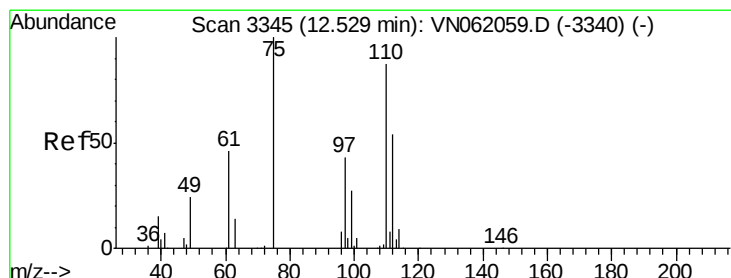
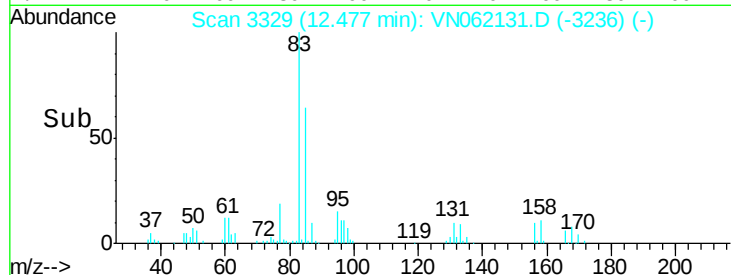
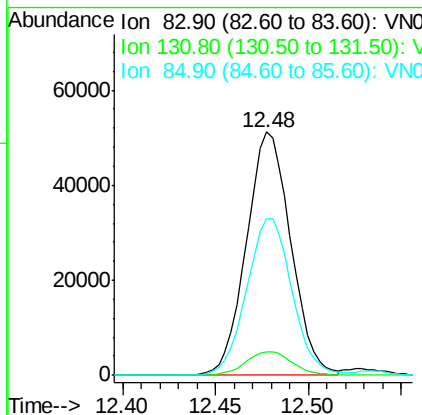
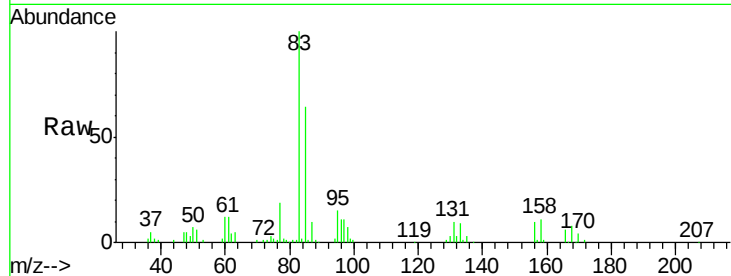
ClientSampleId :

VN0626WBS01

Tot Ion:	83	Resp:	85514
Ion Ratio	Lower	Upper	
83	100		
131	10.1	4.8	14.4
85	65.9	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 18.970 ug/l m

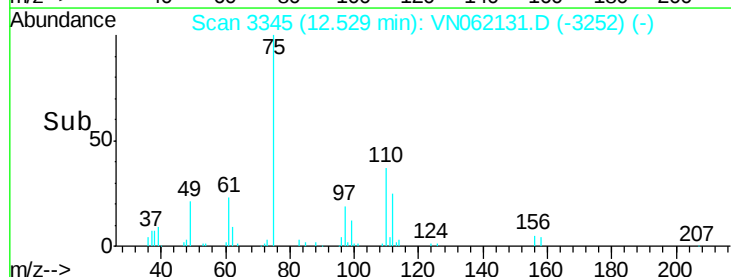
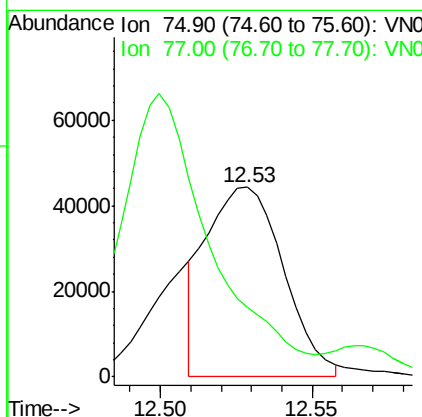
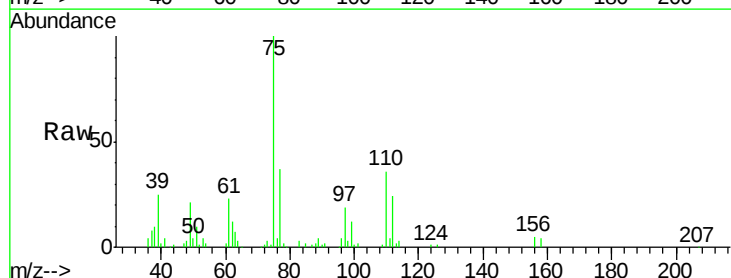
RT: 12.53 min Scan# 3345

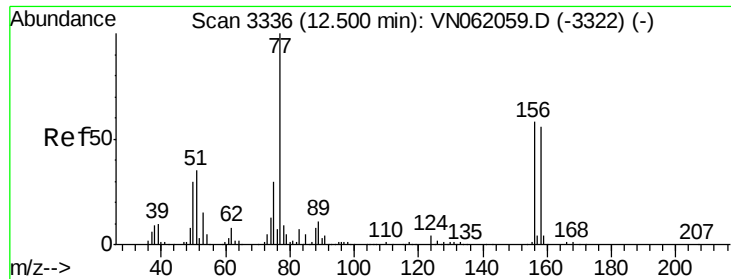
Delta R.T. -0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

Tgt Ion:	75	Resp:	78427
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





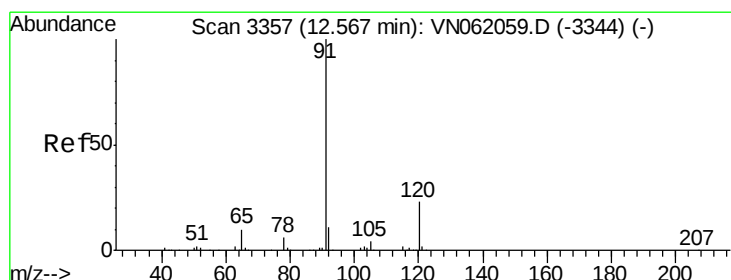
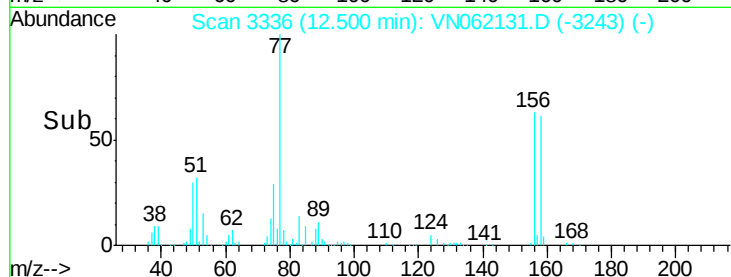
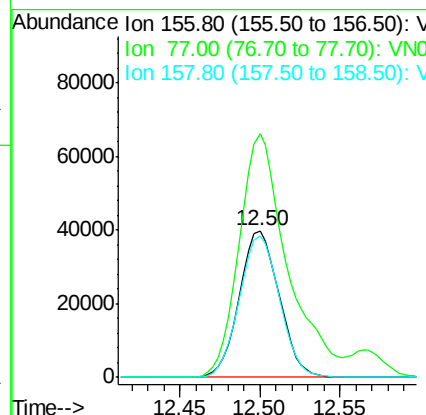
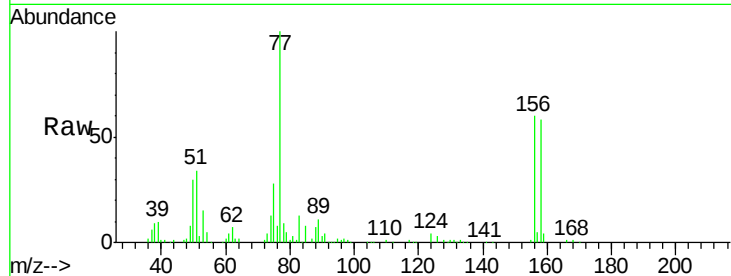
#77
Bromobenzene
Concen: 19.965 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN062131.D
Acq: 26 Jun 2020 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	202.4	104.6	313.8
158	97.6	48.0	144.0

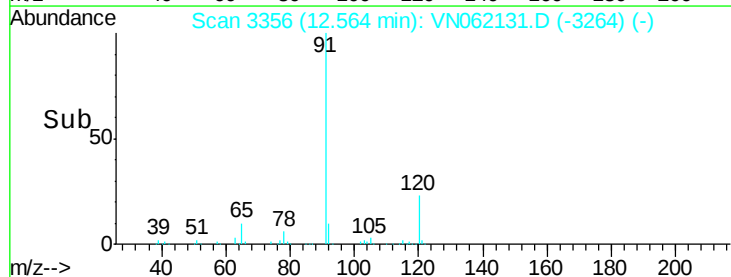
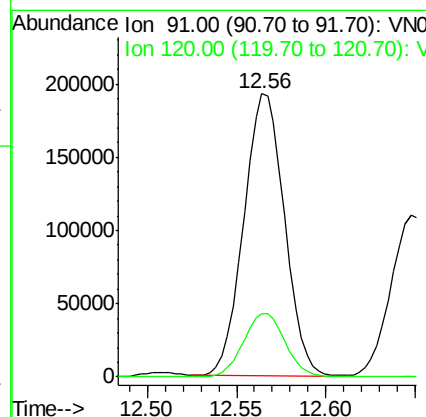
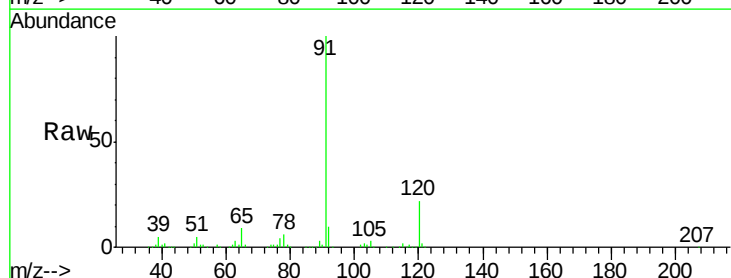
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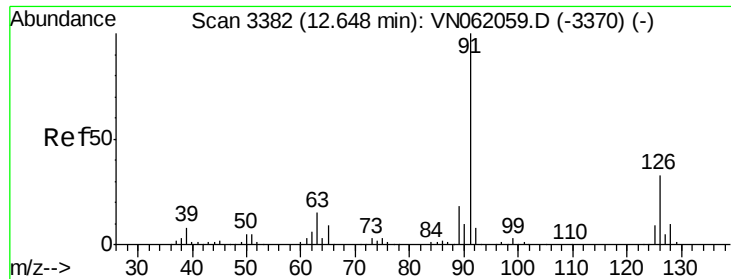
MMDadoda
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#78
n-propylbenzene
Concen: 19.781 ug/l
RT: 12.56 min Scan# 3356
Delta R.T. -0.00 min
Lab File: VN062131.D
Acq: 26 Jun 2020 11:42

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.4	34.1





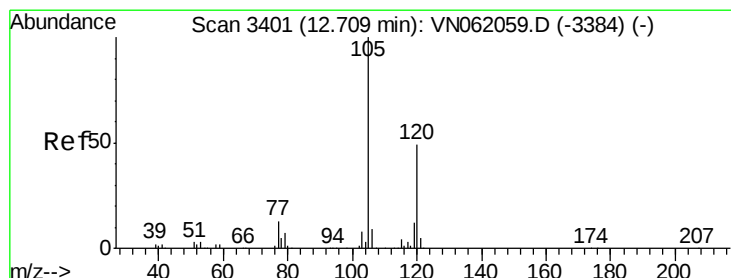
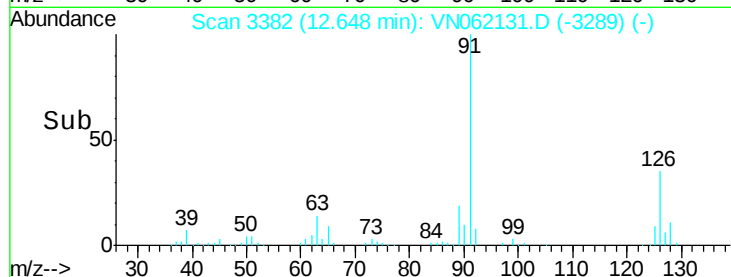
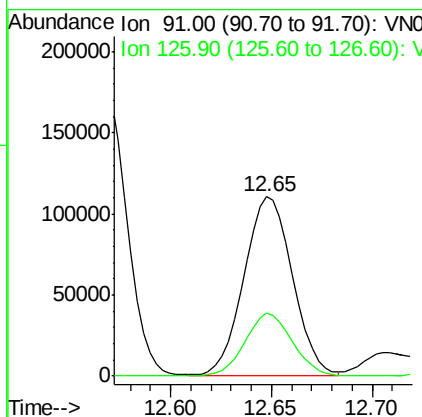
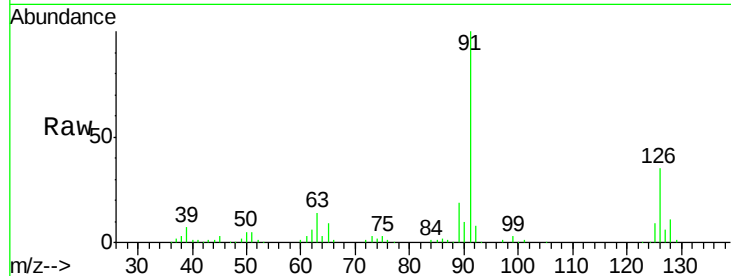
#79
 2-Chlorotoluene
 Concen: 19.683 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062131.D
 Acq: 26 Jun 2020 11:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBS01

Tot Ion: 91 Resp: 185033
 Ion Ratio Lower Upper
 91 100
 126 34.4 16.9 50.7

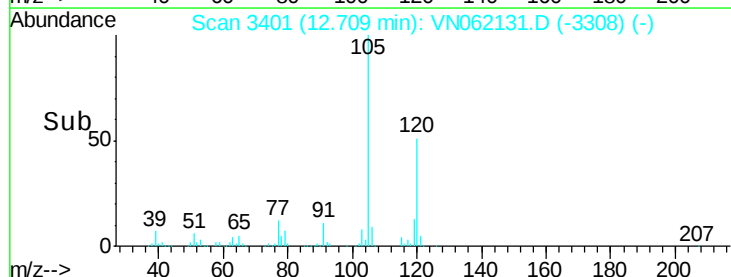
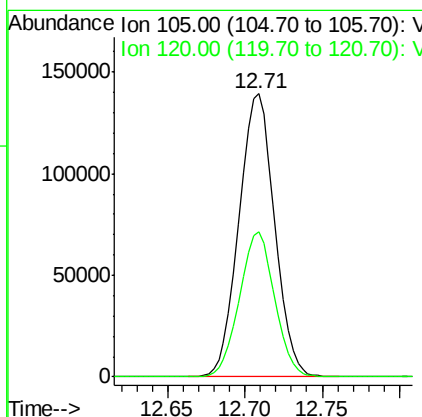
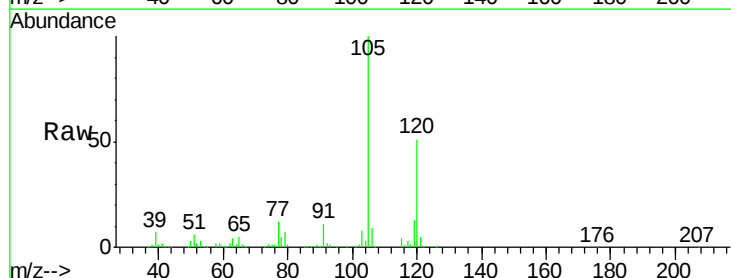
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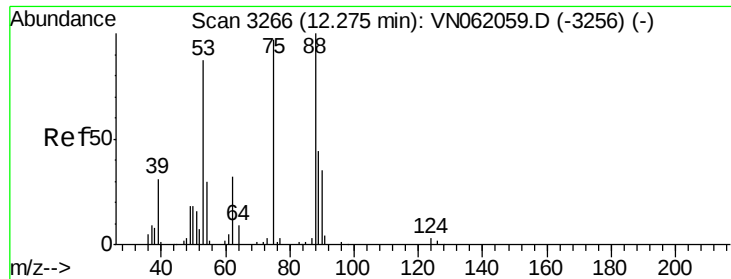
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.187 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062131.D
 Acq: 26 Jun 2020 11:42

Tgt Ion: 105 Resp: 222465
 Ion Ratio Lower Upper
 105 100
 120 50.9 24.6 74.0





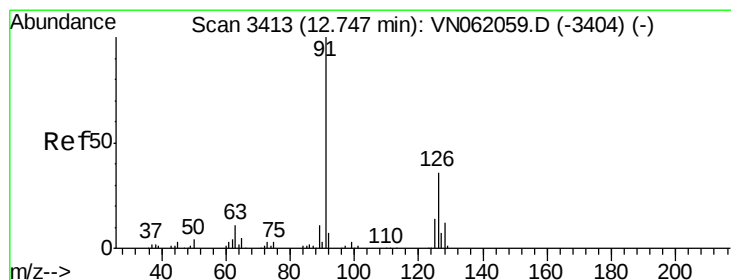
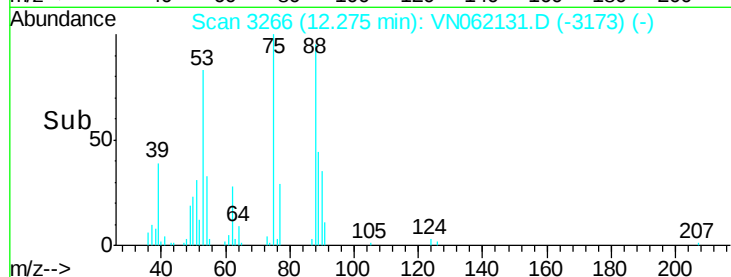
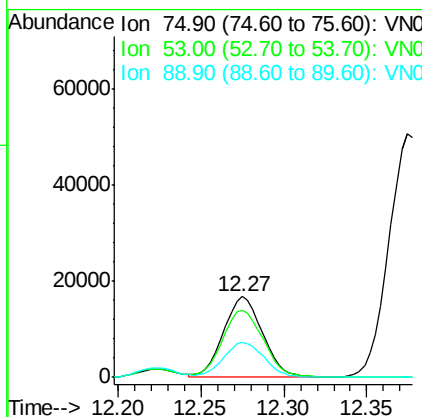
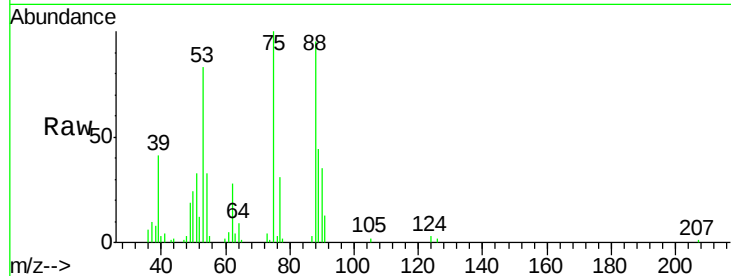
#81
trans-1,4-Dichloro-2-butene
Concen: 19.443 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. -0.00 min
Lab File: VN062131.D
Acq: 26 Jun 2020 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	87.5	72.0	108.0
89	45.0	36.9	55.3

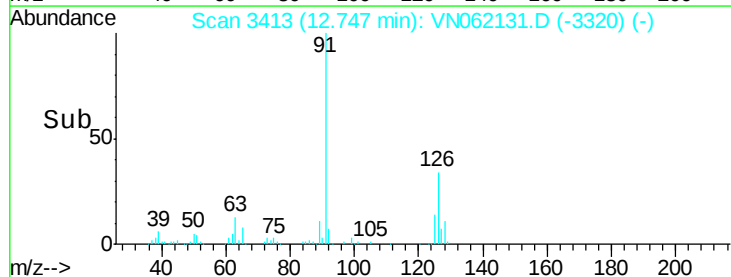
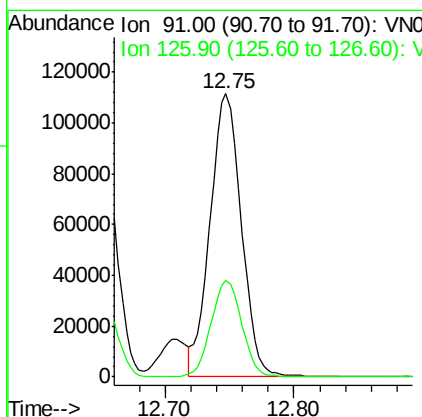
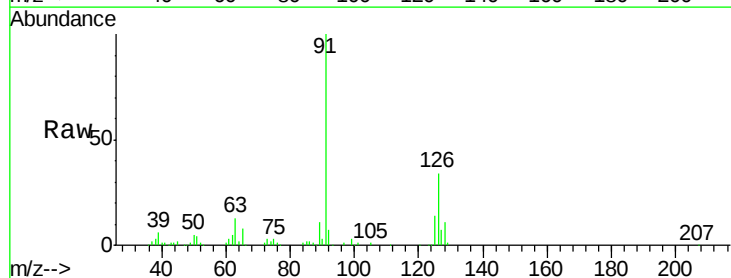
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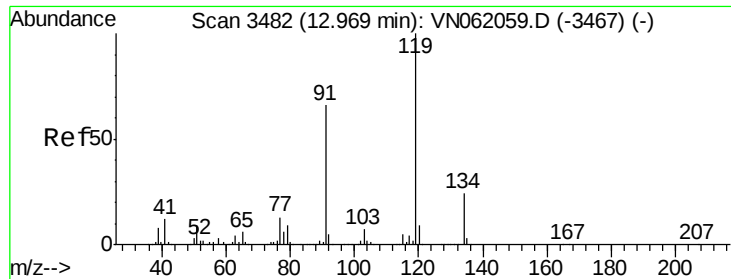
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#82
4-Chlorotoluene
Concen: 19.218 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN062131.D
Acq: 26 Jun 2020 11:42

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.7	50.1





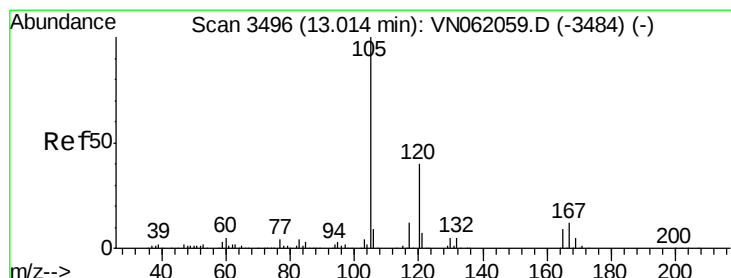
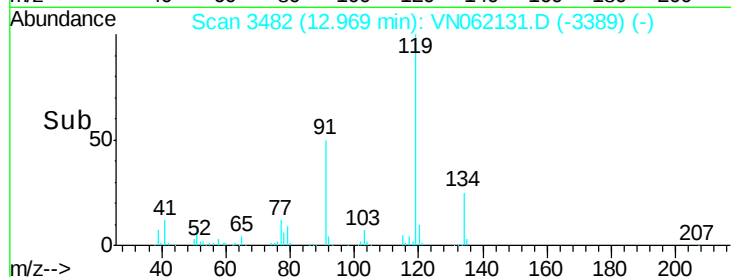
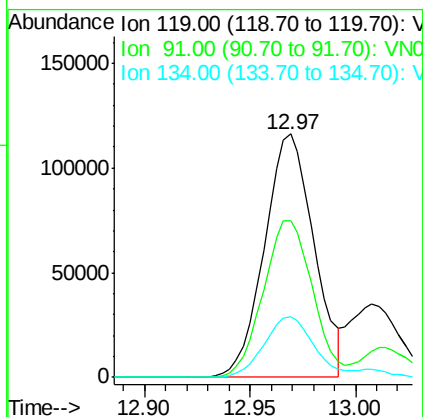
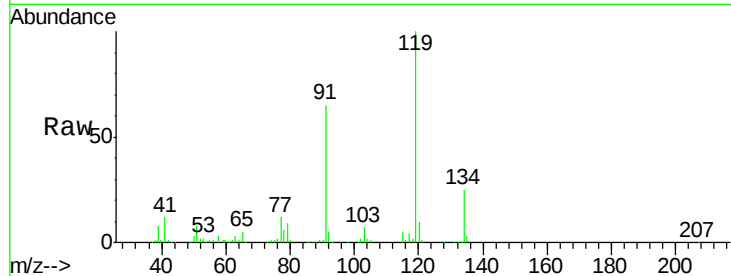
#83
 tert-Butylbenzene
 Concen: 20.094 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062131.D
 Acq: 26 Jun 2020 11:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	189512		
91	64.3	31.7	95.1	
134	25.1	13.1	39.1	

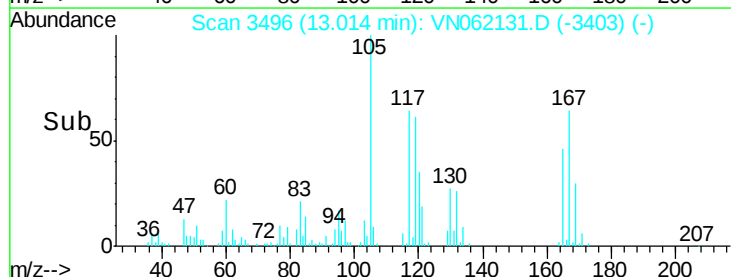
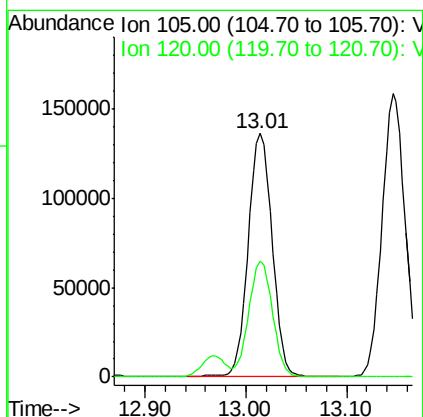
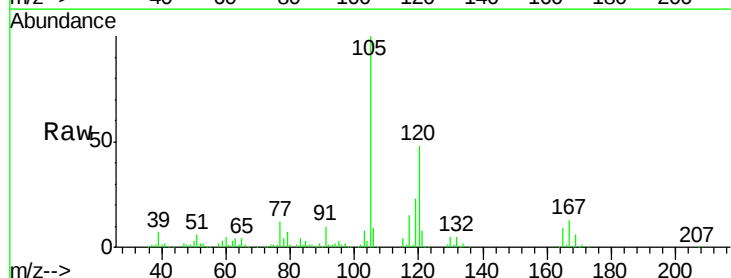
Manual Integrations
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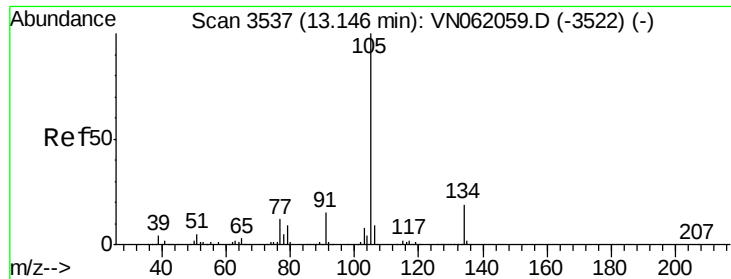
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.306 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062131.D
 Acq: 26 Jun 2020 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	223496		
120	47.3	23.2	69.5	





#85

sec-Butylbenzene

Concen: 20.278 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBS01

Tot Ion:105 Resp: 252706

Ion Ratio Lower Upper

105 100

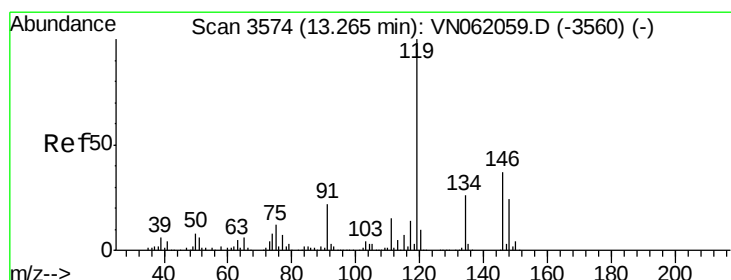
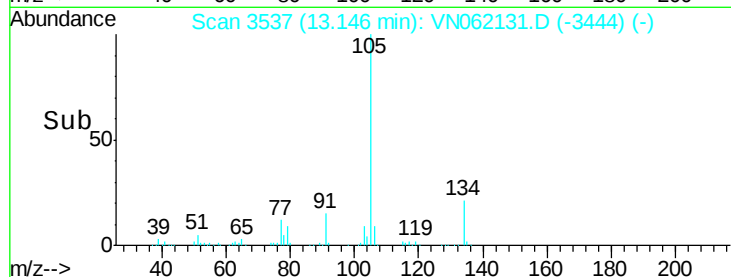
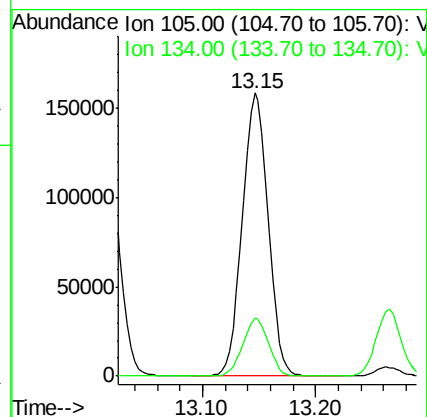
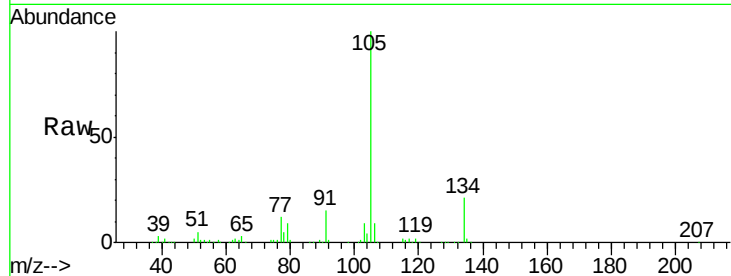
134 20.4 9.7 29.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 20.393 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062131.D

Acq: 26 Jun 2020 11:42

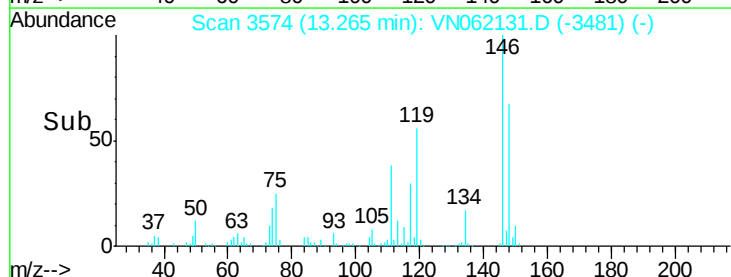
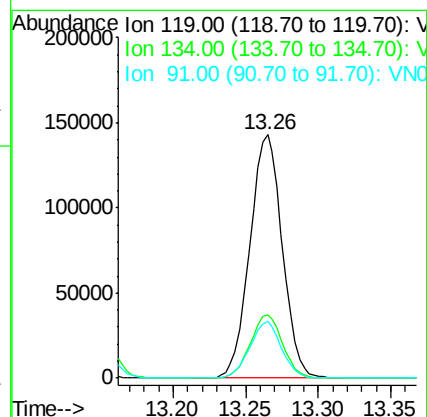
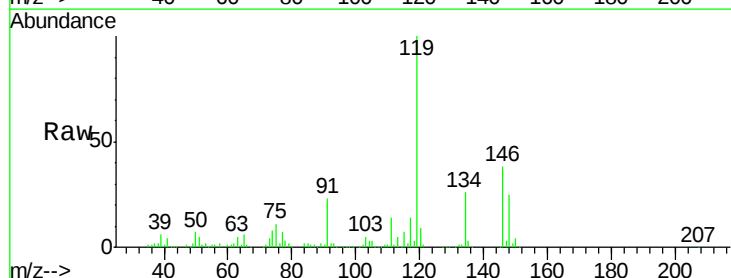
Tgt Ion:119 Resp: 222662

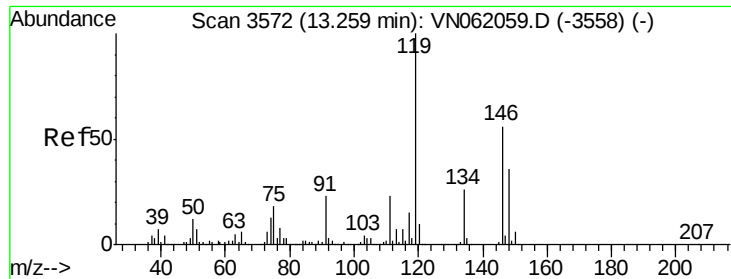
Ion Ratio Lower Upper

119 100

134 25.8 13.0 39.0

91 22.2 11.3 33.8





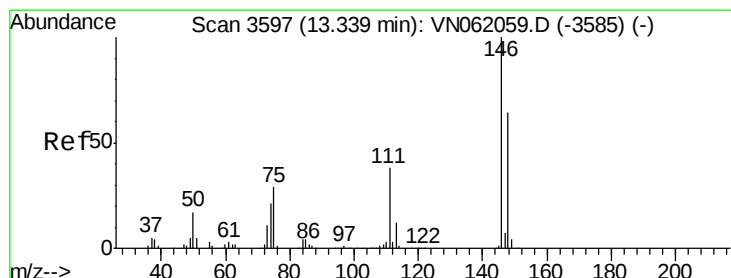
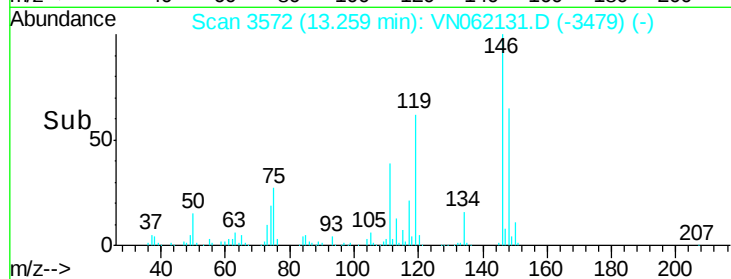
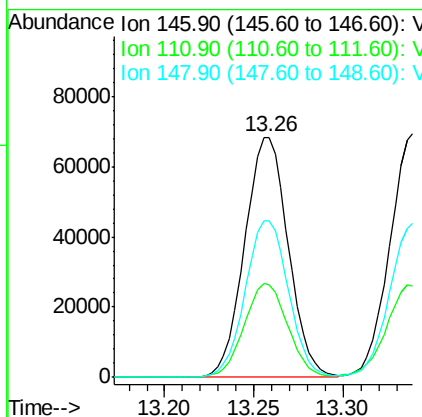
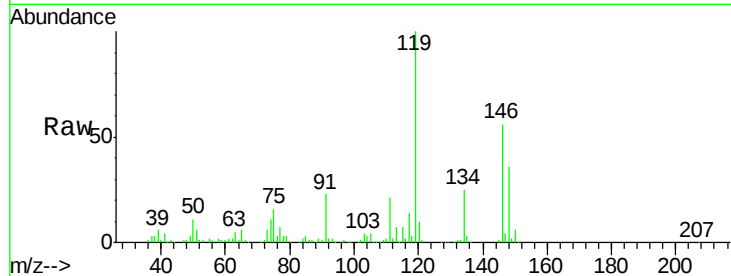
#87
 1,3-Dichlorobenzene
 Concen: 19.659 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062131.D
 Acq: 26 Jun 2020 11:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	116510		
111	39.1	20.3	61.0	
148	64.9	31.8	95.3	

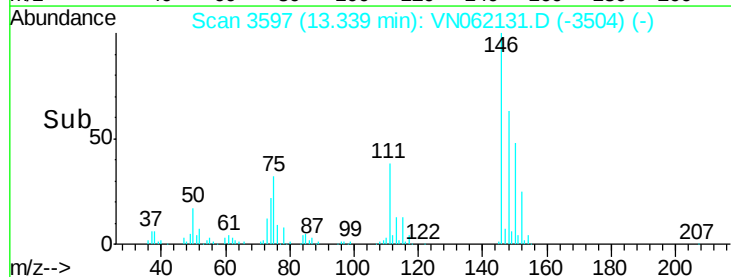
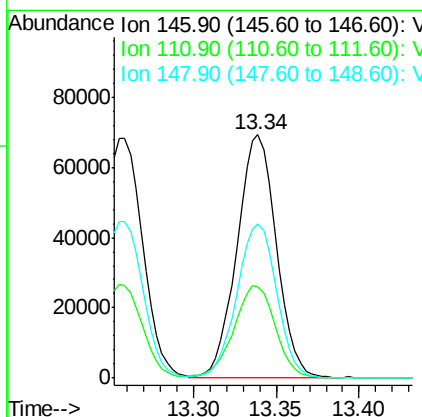
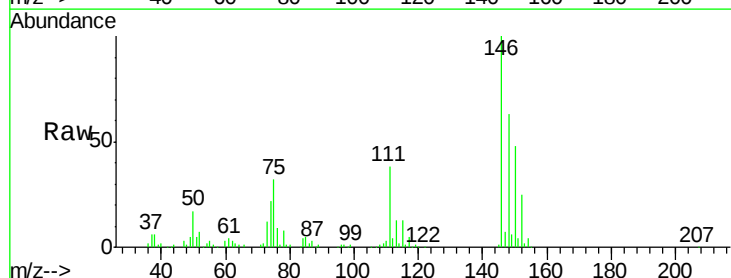
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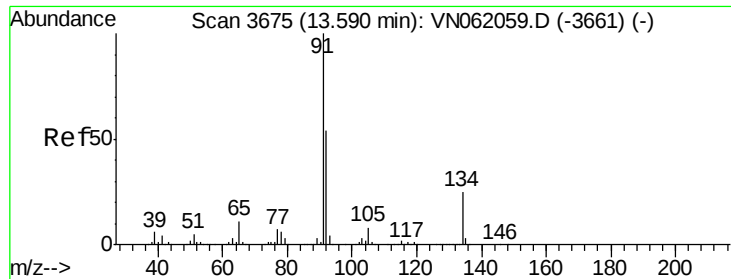
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#88
 1,4-Dichlorobenzene
 Concen: 18.713 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062131.D
 Acq: 26 Jun 2020 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	114323		
111	40.5	19.9	59.6	
148	63.9	31.9	95.9	





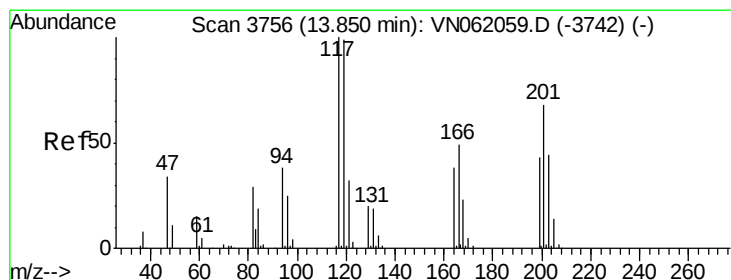
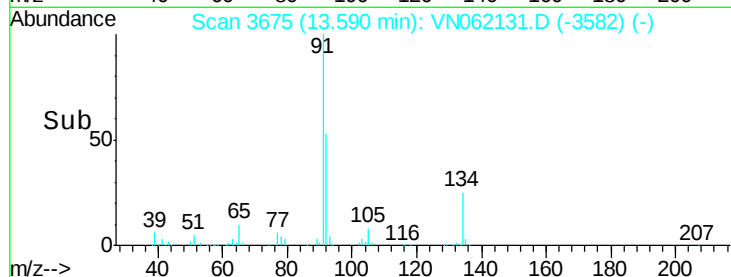
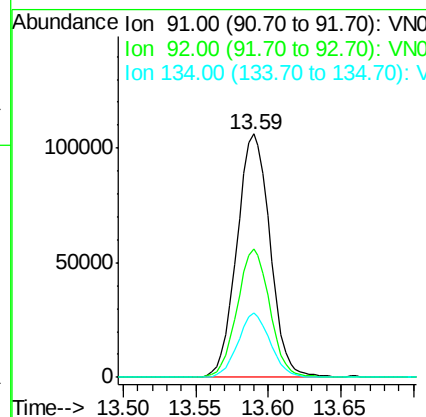
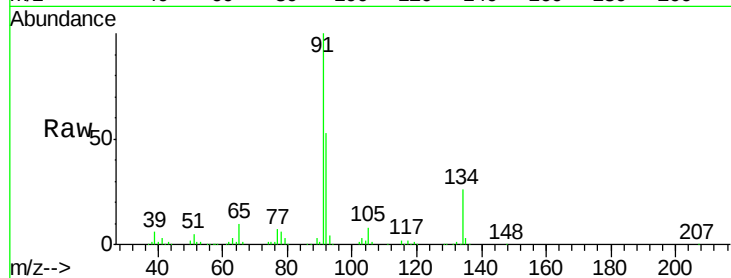
#89
n-Butylbenzene
Concen: 18.605 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062131.D
Acq: 26 Jun 2020 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.6	79.7
134	25.7	12.3	36.9

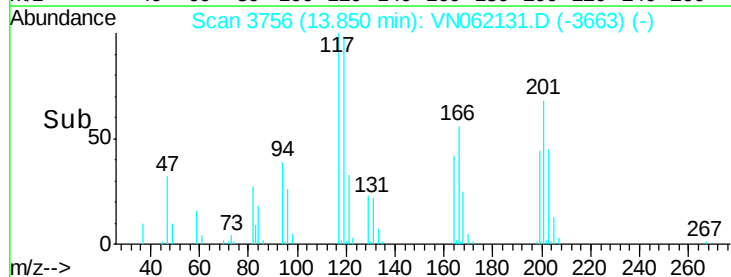
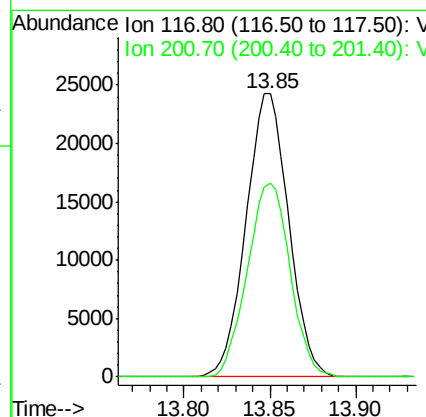
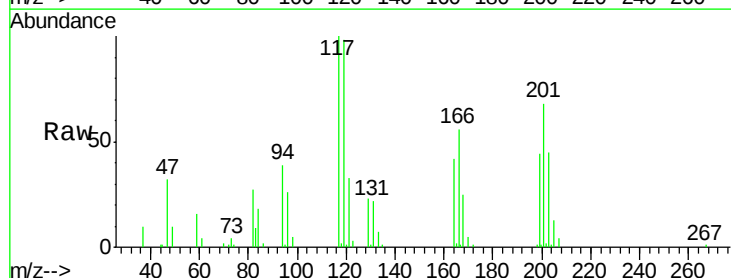
Manual Integrations
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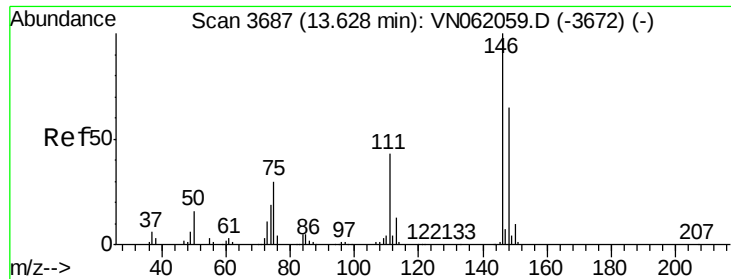
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#90
Hexachloroethane
Concen: 19.429 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062131.D
Acq: 26 Jun 2020 11:42

Tgt Ion	Ratio	Lower	Upper
117	100		
201	68.6	32.7	98.1





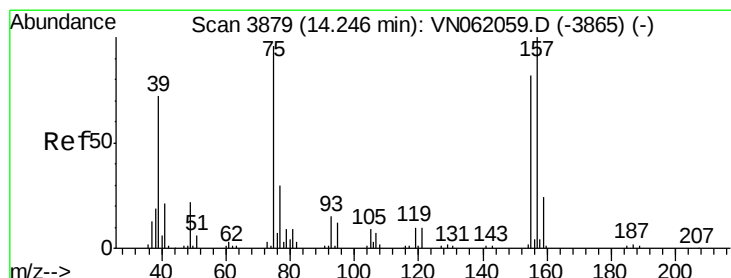
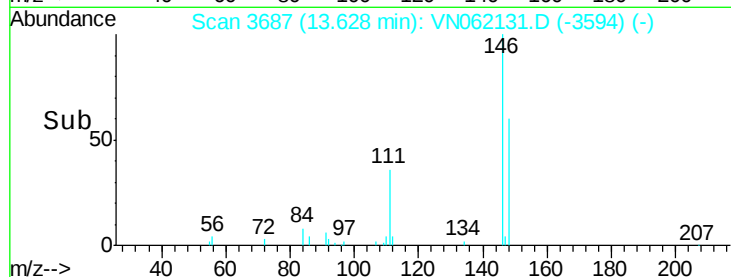
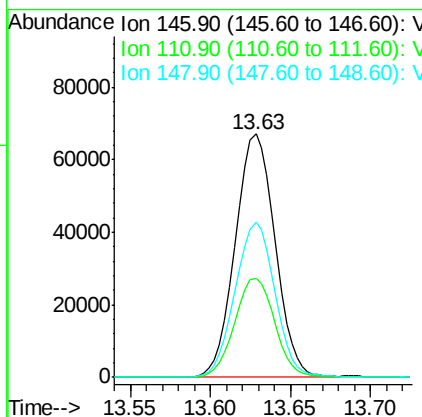
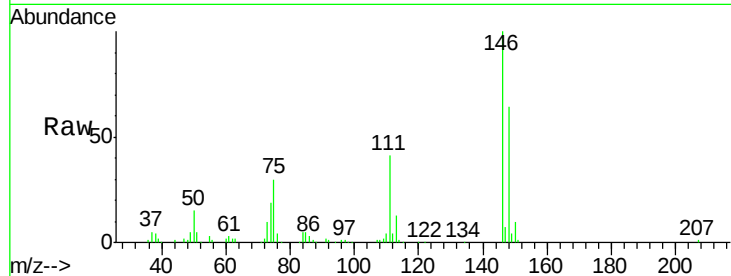
#91
 1,2-Dichlorobenzene
 Concen: 19.814 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062131.D
 Acq: 26 Jun 2020 11:42

Instrument :
 MSVOA_N
 ClientSampled :
 VN0626WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	21.2	63.6
148	63.8	31.9	95.5

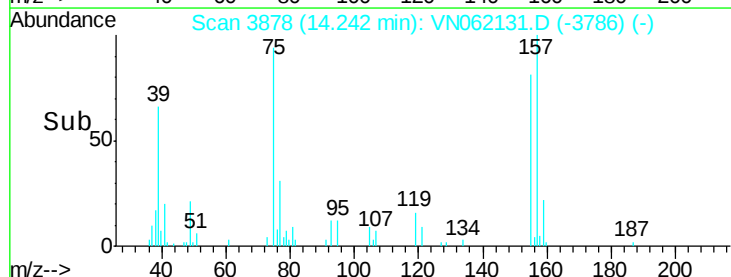
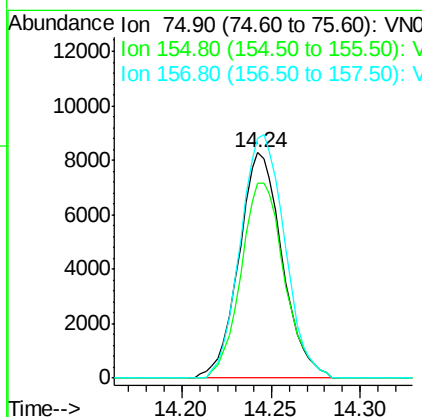
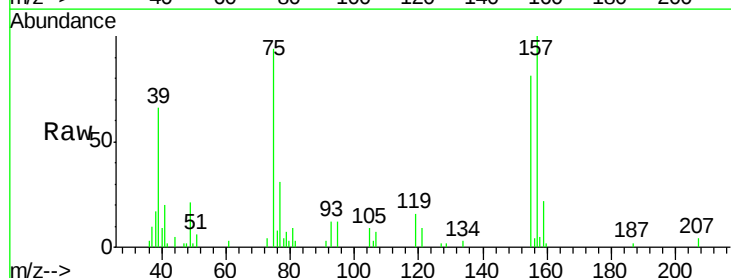
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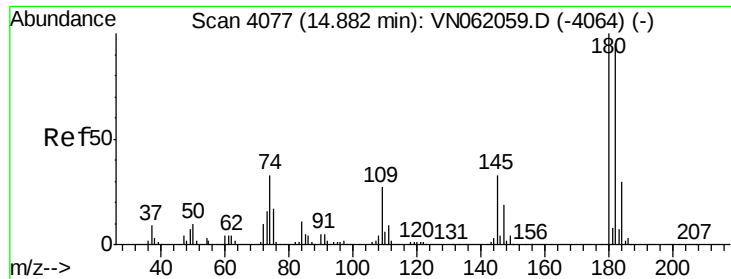
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.291 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062131.D
 Acq: 26 Jun 2020 11:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.0	40.8	122.4
157	110.5	51.4	154.3





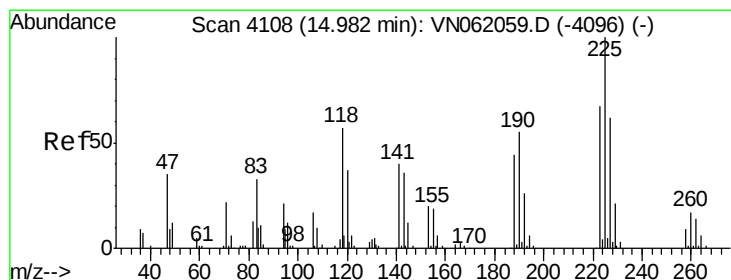
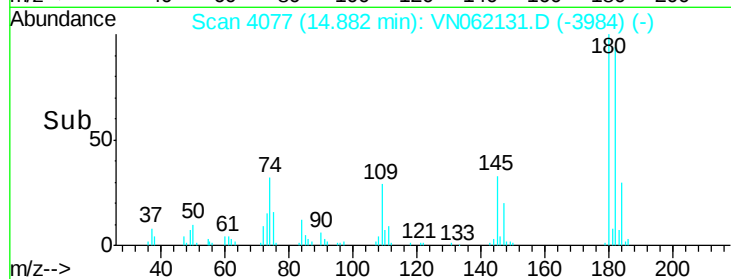
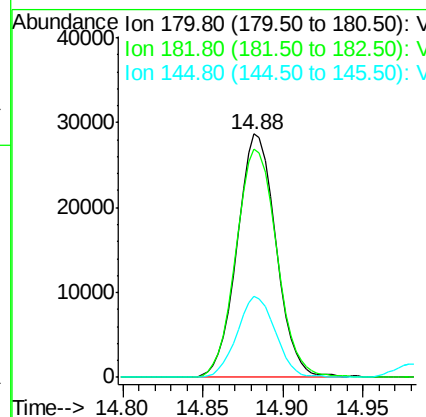
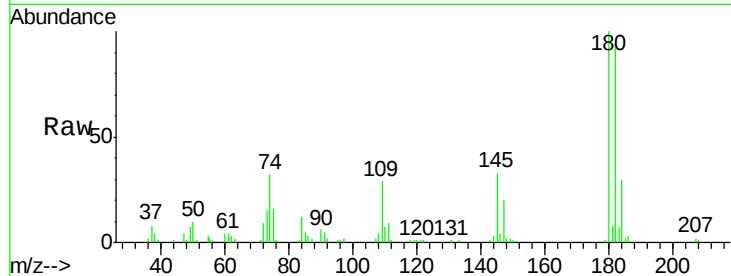
#93
 1,2,4-Trichlorobenzene
 Concen: 18.895 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062131.D
 Acq: 26 Jun 2020 11:42

Instrument :
 MSVOA_N
 ClientSampled :
 VN0626WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.7	48.0	144.2
145	32.7	16.0	48.0

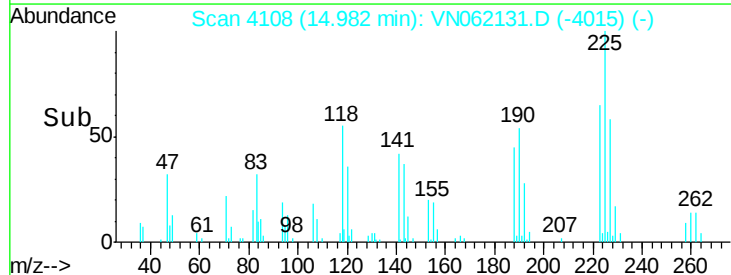
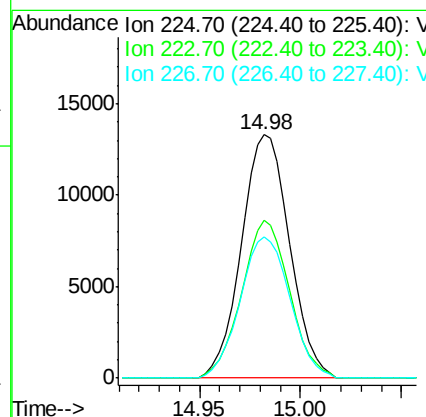
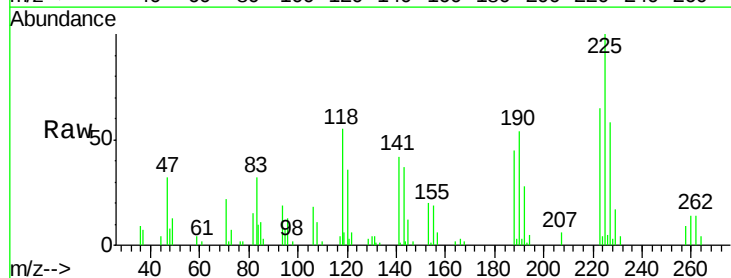
Manual Integrations
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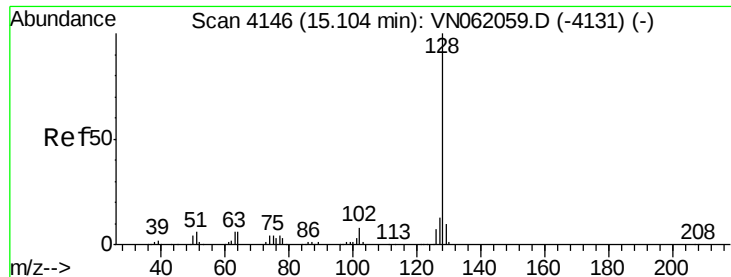
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#94
 Hexachlorobutadiene
 Concen: 20.408 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062131.D
 Acq: 26 Jun 2020 11:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	32.9	98.7
227	60.1	31.3	93.8





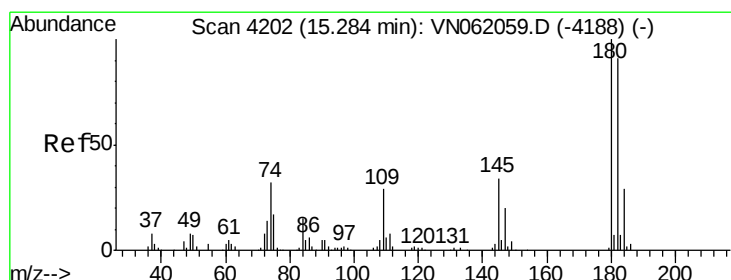
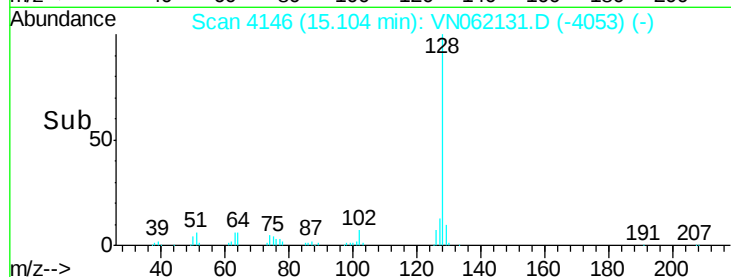
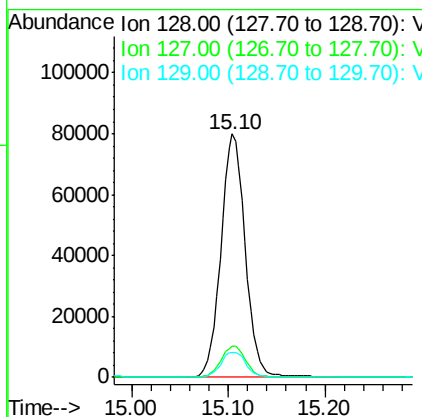
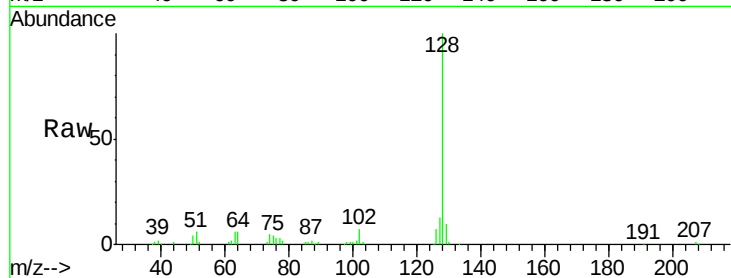
#95
Naphthalene
Concen: 19.295 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062131.D
Acq: 26 Jun 2020 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.6	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.355 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062131.D
Acq: 26 Jun 2020 11:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.5	46.8	140.4
145	33.7	16.4	49.2

