

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
 Data File : VN062066.D
 Acq On : 24 Jun 2020 16:36
 Operator : JC/MD
 Sample : VN0624WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/25/2020 6:10:26 PM

Quant Time: Jun 25 04:53:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	244818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	436751	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	404103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	179554	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	171869	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
35) Dibromofluoromethane	7.55	113	138568	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
50) Toluene-d8	10.06	98	540337	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
62) 4-Bromofluorobenzene	12.37	95	178515	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	49875	18.023	ug/l	100
3) Chloromethane	2.03	50	64621	19.006	ug/l	99
4) Vinyl Chloride	2.16	62	74819	17.169	ug/l	99
5) Bromomethane	2.53	94	54830	19.468	ug/l	100
6) Chloroethane	2.67	64	52593	17.667	ug/l	96
7) Trichlorofluoromethane	2.98	101	93794	17.467	ug/l	99
8) Diethyl Ether	3.37	74	35466	18.915	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	51650	18.368	ug/l	99
10) Methyl Iodide	3.91	142	55132	17.409	ug/l	100
11) Tert butyl alcohol	4.74	59	47099	95.482	ug/l #	88
12) 1,1-Dichloroethene	3.69	96	50546	17.981	ug/l	98
13) Acrolein	3.56	56	43822	90.738	ug/l	98
14) Allyl chloride	4.27	41	70919	18.530	ug/l	99
15) Acrylonitrile	4.93	53	127395	94.774	ug/l	99
16) Acetone	3.78	43	108428	98.084	ug/l	97
17) Carbon Disulfide	4.00	76	150056	18.668	ug/l	100
18) Methyl Acetate	4.28	43	50347	18.435	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	171694	19.114	ug/l	99
20) Methylene Chloride	4.50	84	61517	19.372	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	55001	17.175	ug/l	97
22) Diisopropyl ether	5.91	45	159780	18.335	ug/l	99
23) Vinyl Acetate	5.84	43	672929	94.582	ug/l	100
24) 1,1-Dichloroethane	5.80	63	102391	18.247	ug/l	99
25) 2-Butanone	6.79	43	160980	95.862	ug/l	99
26) 2,2-Dichloropropane	6.77	77	83304	17.815	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	65115	18.070	ug/l	97
28) Bromochloromethane	7.15	49	46450	19.078	ug/l	99
29) Tetrahydrofuran	7.17	42	104430	94.935	ug/l	98
30) Chloroform	7.33	83	104166	18.245	ug/l	97
31) Cyclohexane	7.61	56	86834	18.294	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	86607	17.988	ug/l	99
36) 1,1-Dichloropropene	7.75	75	75330	17.159	ug/l	100
37) Ethyl Acetate	6.88	43	68388	18.813	ug/l	99
38) Carbon Tetrachloride	7.73	117	71065	17.170	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	85209	17.715	ug/l	98
40) Benzene	8.00	78	233189	17.428	ug/l	100
41) Methacrylonitrile	7.12	41	26811	15.909	ug/l	93
42) 1,2-Dichloroethane	8.08	62	83500	18.470	ug/l	99
43) Isopropyl Acetate	8.13	43	108337	18.282	ug/l	98
44) Trichloroethene	8.80	130	58347	17.287	ug/l	97
45) 1,2-Dichloropropane	9.09	63	59821	18.122	ug/l	98
46) Dibromomethane	9.18	93	41978	18.756	ug/l	98
47) Bromodichloromethane	9.37	83	83205	18.412	ug/l	98
48) Methyl methacrylate	9.17	41	48724	18.338	ug/l	97
49) 1,4-Dioxane	9.17	88	21880	371.336	ug/l #	91
51) 4-Methyl-2-Pentanone	9.95	43	328202	94.794	ug/l	100
52) Toluene	10.12	92	150374	18.419	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	88640	17.828	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	98208	18.554	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	60367	18.810	ug/l	99
56) Ethyl methacrylate	10.40	69	80182	18.722	ug/l	98
57) 1,3-Dichloropropane	10.68	76	102828	18.615	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	157619	96.974	ug/l	99
59) 2-Hexanone	10.72	43	237804	95.118	ug/l	100
60) Dibromochloromethane	10.87	129	62142	18.289	ug/l	98
61) 1,2-Dibromoethane	10.98	107	59954	18.181	ug/l	99
64) Tetrachloroethene	10.60	164	49110	17.791	ug/l	99
65) Chlorobenzene	11.40	112	159170	17.936	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	55464	18.075	ug/l	100
67) Ethyl Benzene	11.48	91	270692	18.061	ug/l	100
68) m/p-Xylenes	11.59	106	208904	36.037	ug/l	98
69) o-Xylene	11.92	106	99235	18.144	ug/l	98
70) Styrene	11.94	104	164343	18.017	ug/l	99
71) Bromoform	12.10	173	38588	17.687	ug/l #	99
73) Isopropylbenzene	12.22	105	261526	18.816	ug/l	100
74) N-amyl acetate	12.05	43	84625	18.777	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	87058	18.822	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	78152m	18.489	ug/l	
77) Bromobenzene	12.50	156	63116	18.291	ug/l	97
78) n-propylbenzene	12.57	91	294992	18.555	ug/l	99
79) 2-Chlorotoluene	12.65	91	173996	18.103	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	217850	19.335	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	27632	19.091	ug/l	94
82) 4-Chlorotoluene	12.75	91	184608	18.574	ug/l	99
83) tert-Butylbenzene	12.97	119	178899	18.553	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	210170	18.677	ug/l	99
85) sec-Butylbenzene	13.15	105	238061	18.684	ug/l	99
86) p-Isopropyltoluene	13.27	119	209100	18.732	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	110284	18.201	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	110169	17.638	ug/l	98
89) n-Butylbenzene	13.59	91	167697	18.069	ug/l	100
90) Hexachloroethane	13.85	117	38989	17.802	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	106255	18.084	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	14082	19.006	ug/l	96

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	47554	18.526	ug/l	96
94) Hexachlorobutadiene	14.98	225	20769	18.629	ug/l	97
95) Naphthalene	15.10	128	137595	18.787	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	48434	18.454	ug/l	100

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

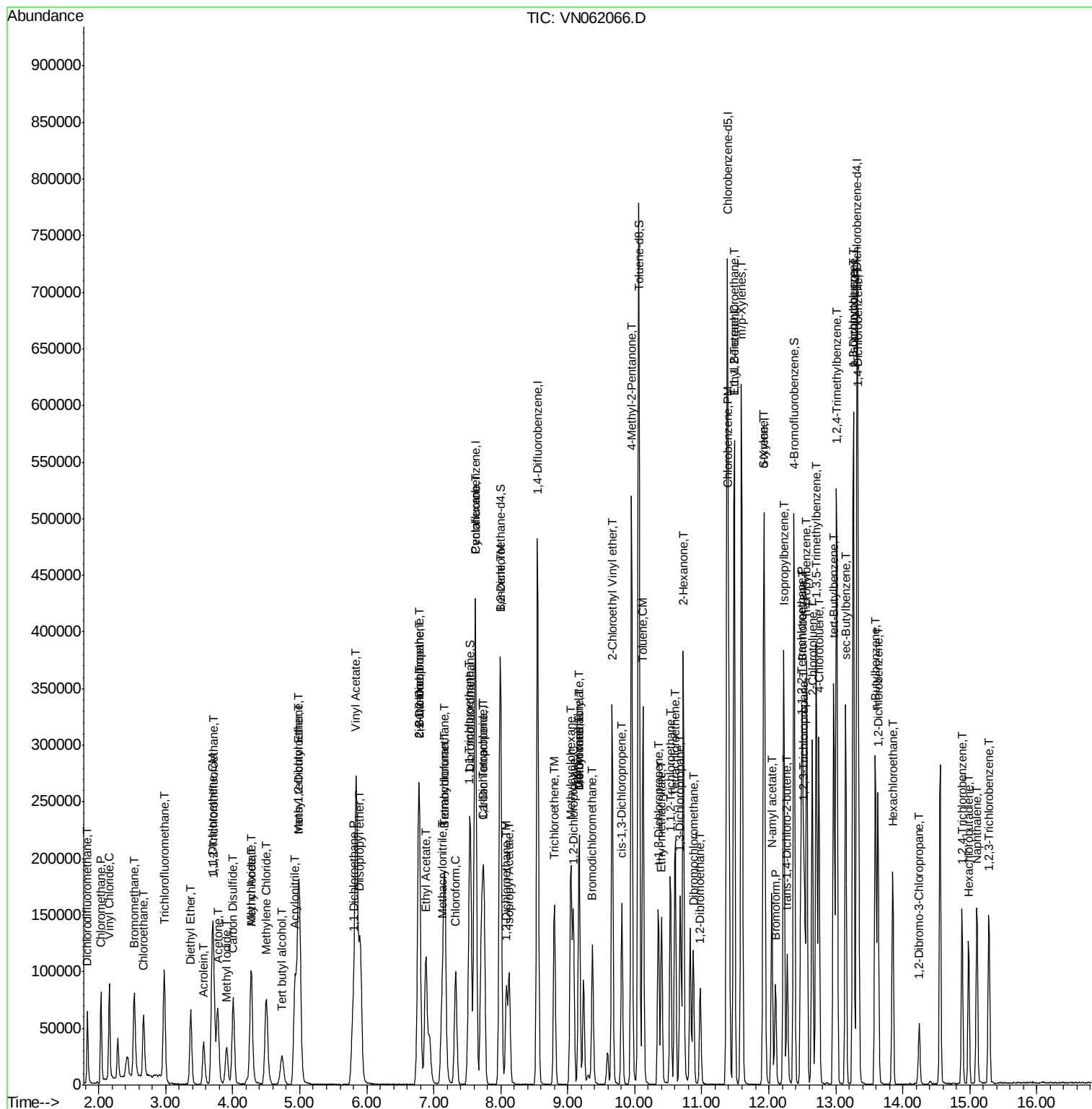
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Data File : VN062066.D
Acq On : 24 Jun 2020 16:36
Operator : JC/MD
Sample : VN0624WBSD01
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBSD01

Tot Ion:168 Resp: 244818

Ion Ratio Lower Upper

168 100

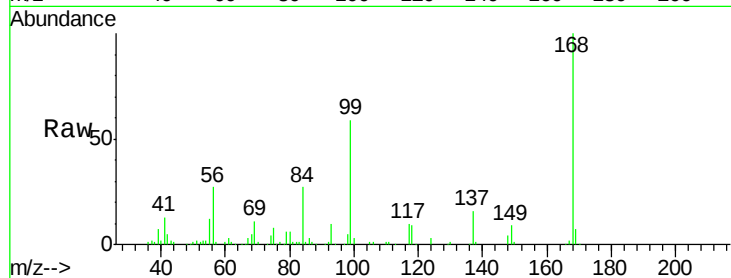
99 58.8 45.8 68.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

120000

100000

80000

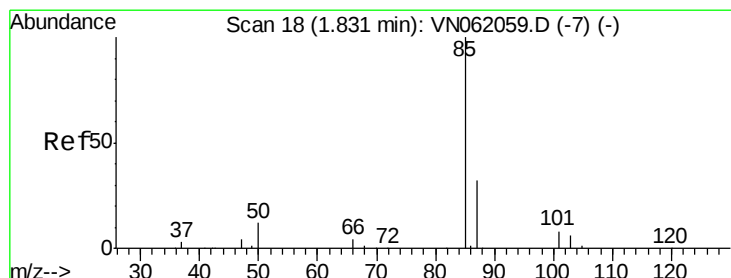
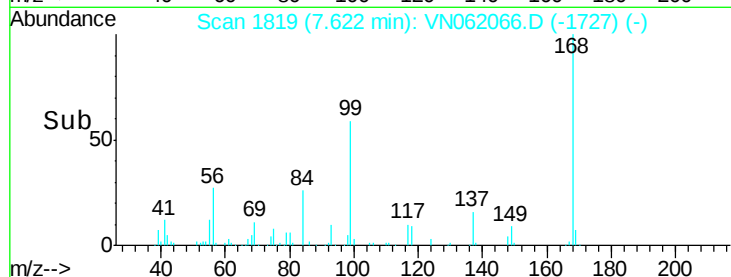
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 18.023 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062066.D

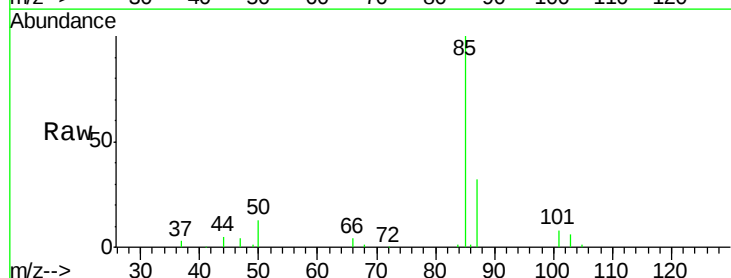
Acq: 24 Jun 2020 16:36

Tgt Ion: 85 Resp: 49875

Ion Ratio Lower Upper

85 100

87 31.9 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

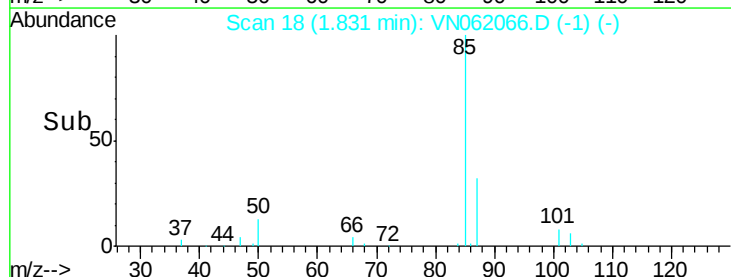
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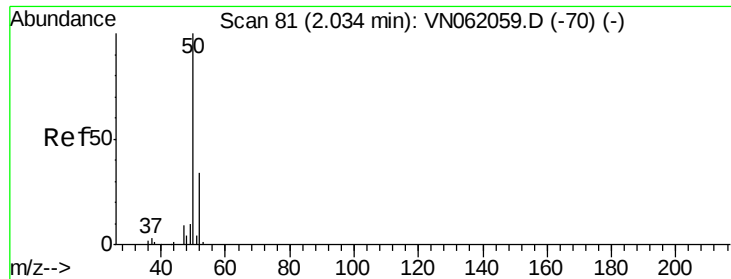
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 19.006 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBSD01

Tot Ion: 50 Resp: 64621

Ion Ratio Lower Upper

50 100

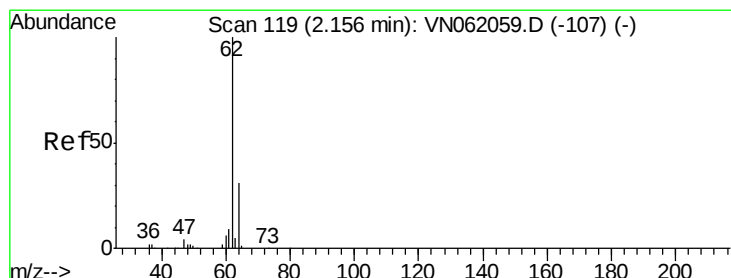
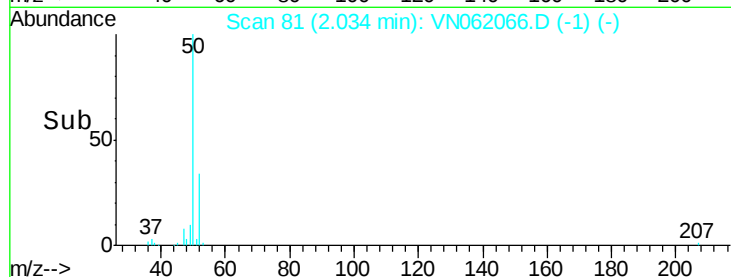
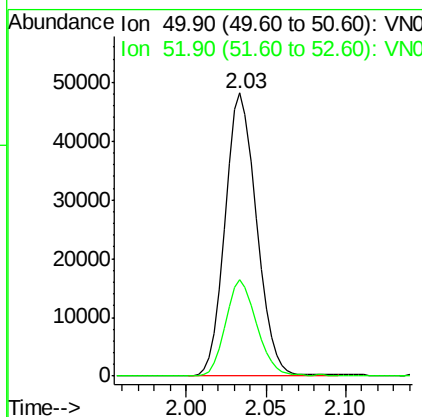
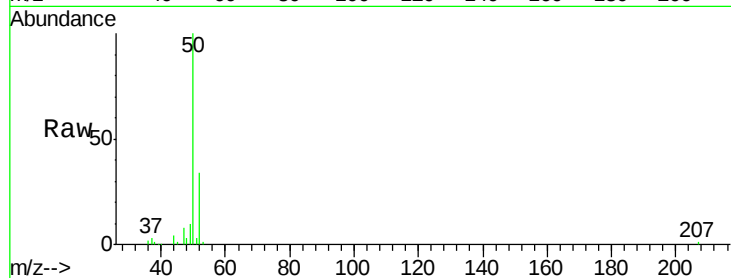
52 34.2 27.0 40.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.169 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN062066.D

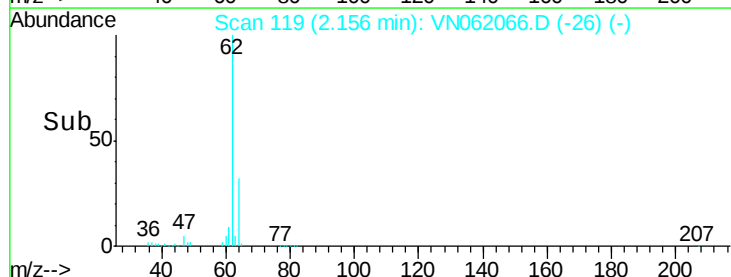
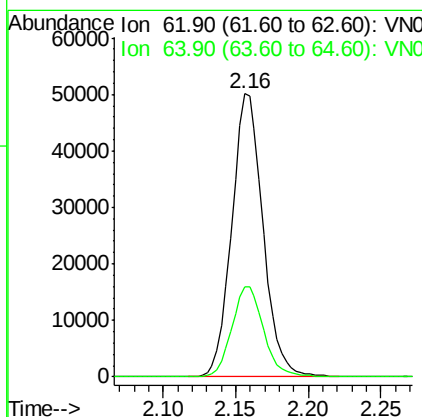
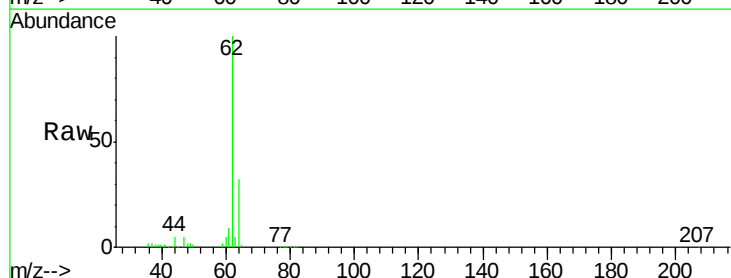
Acq: 24 Jun 2020 16:36

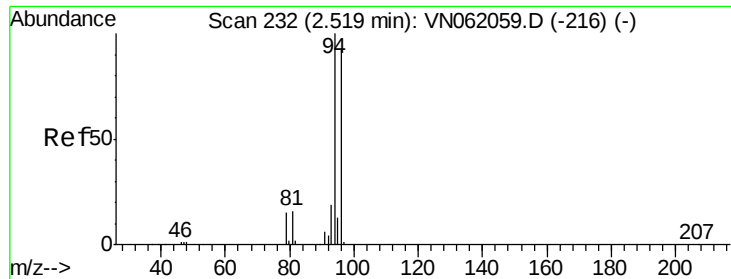
Tgt Ion: 62 Resp: 74819

Ion Ratio Lower Upper

62 100

64 31.8 25.1 37.7





#5

Bromomethane

Concen: 19.468 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.01 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBSD01

Tot Ion: 94 Resp: 54830

Ion Ratio Lower Upper

94 100

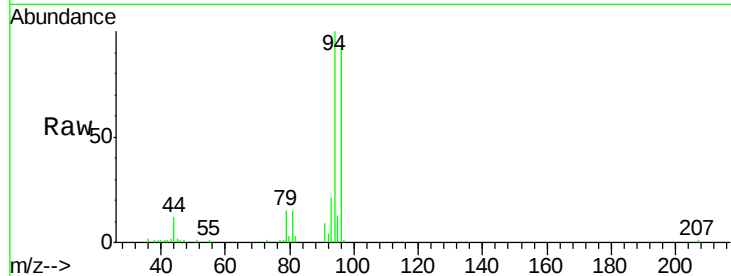
96 91.6 73.4 110.2

Manual Integrations

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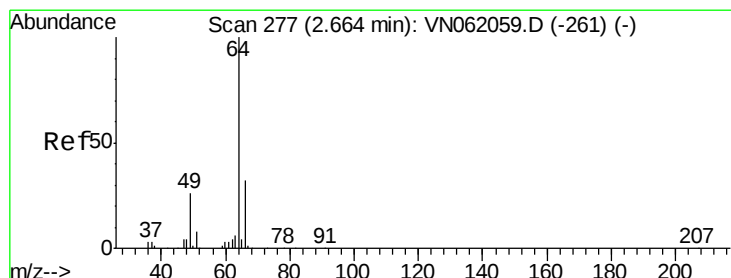
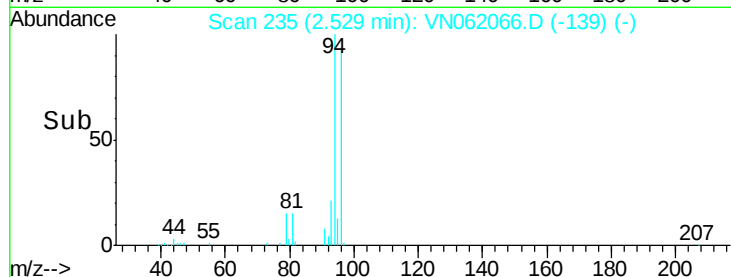


Abundance Ion 93.90 (93.60 to 94.60): VN062059.D

Ion 95.90 (95.60 to 96.60): VN062059.D

2.53

Time-->



#6

Chloroethane

Concen: 17.667 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN062066.D

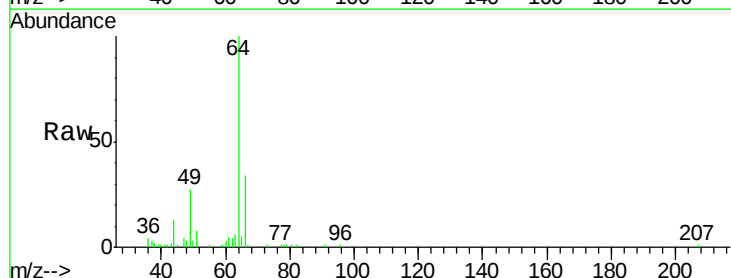
Acq: 24 Jun 2020 16:36

Tgt Ion: 64 Resp: 52593

Ion Ratio Lower Upper

64 100

66 34.3 25.8 38.6

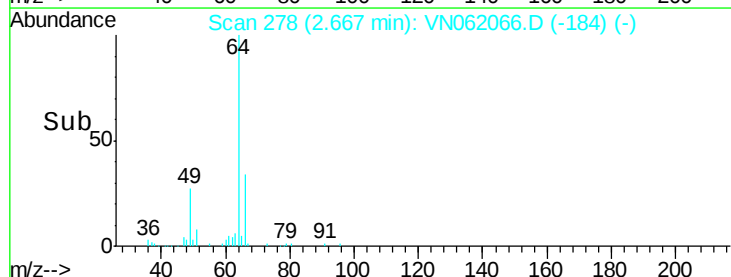


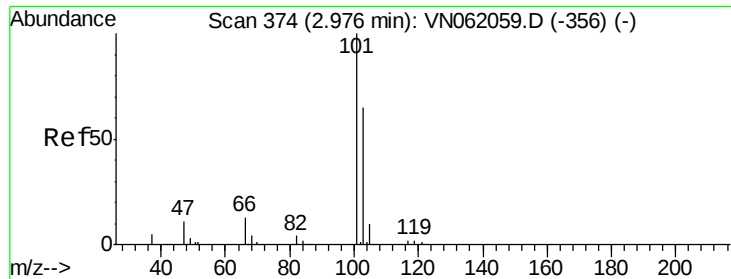
Abundance Ion 63.90 (63.60 to 64.60): VN062059.D

Ion 65.90 (65.60 to 66.60): VN062059.D

2.67

Time-->





#7

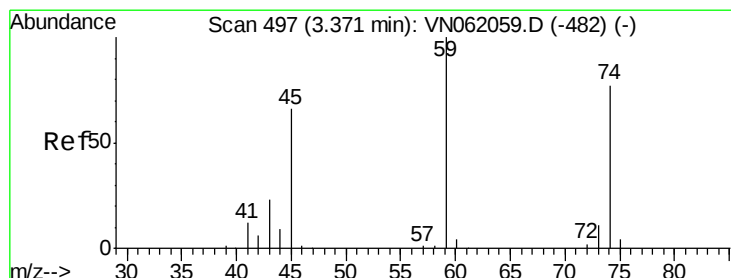
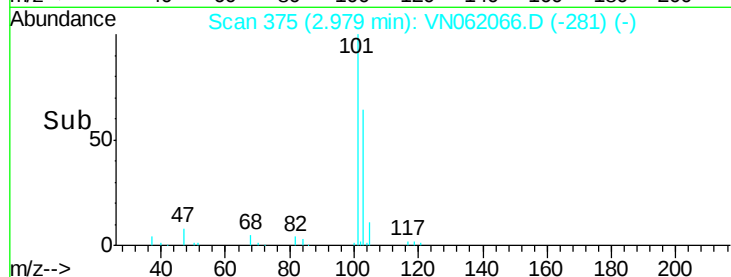
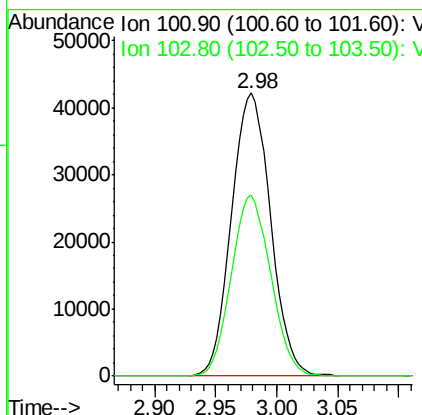
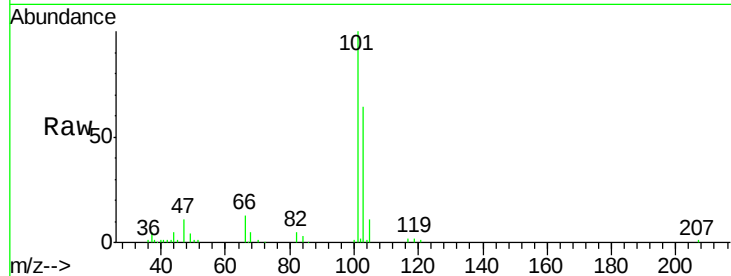
Trichlorofluoromethane
 Concen: 17.467 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN062066.D
 Acq: 24 Jun 2020 16:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		93794		
103	64.0	51.8	77.6		

Manual Integrations
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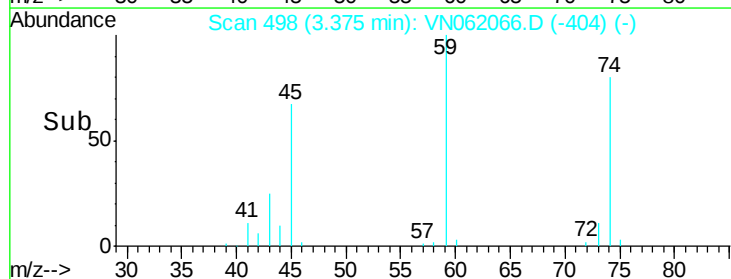
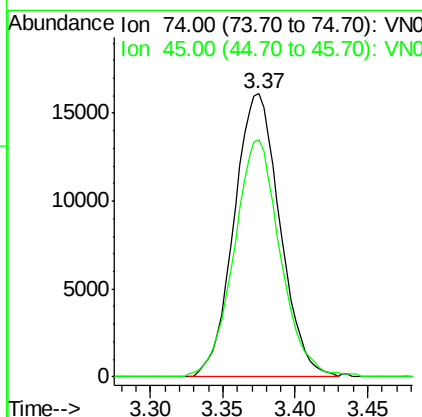
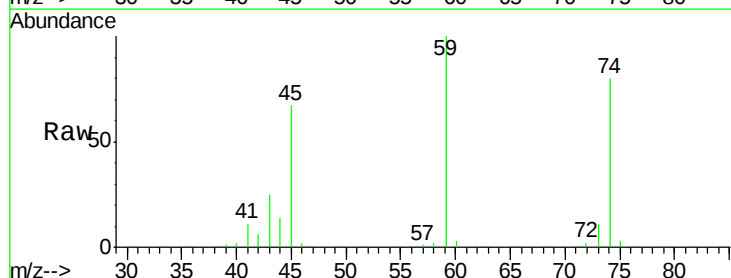
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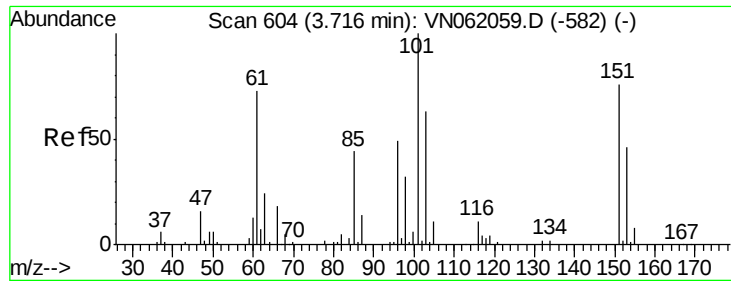


#8

Diethyl Ether
 Concen: 18.915 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062066.D
 Acq: 24 Jun 2020 16:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		35466		
45	84.6	42.5	127.5		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.368 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN062066.D

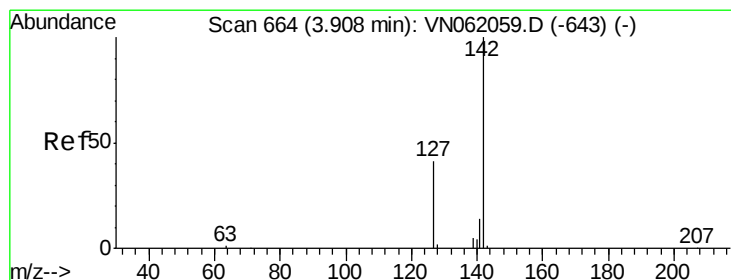
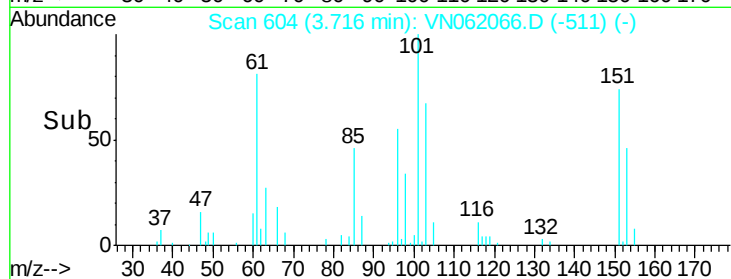
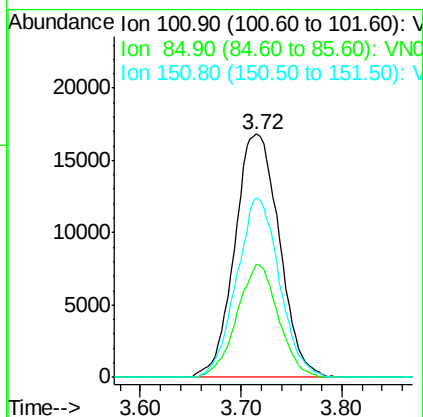
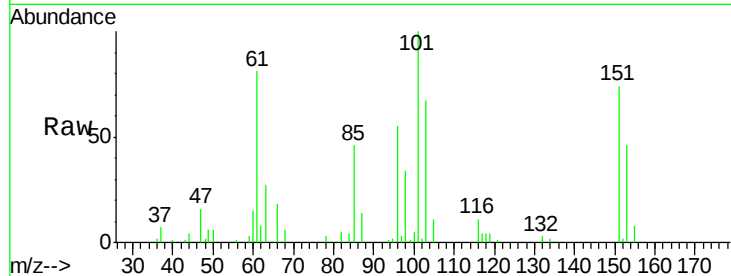
Acq: 24 Jun 2020 16:36

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
85	43.0	34.5	51.7
151	70.8	57.8	86.8

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#10

Methyl Iodide

Concen: 17.409 ug/l

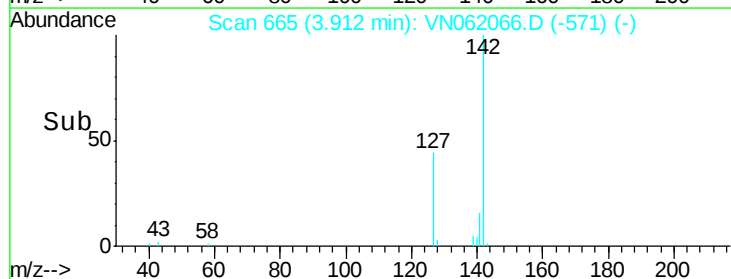
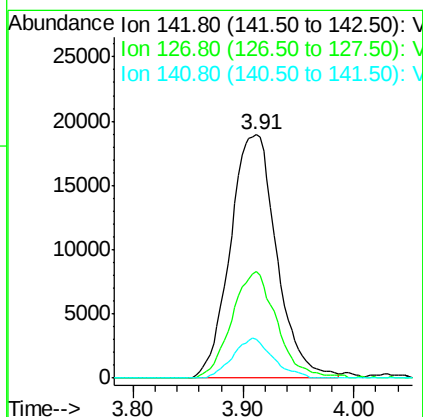
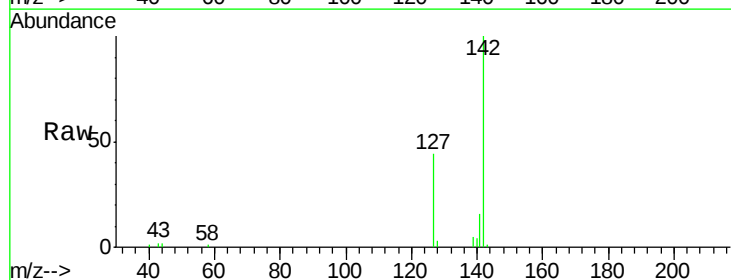
RT: 3.91 min Scan# 665

Delta R.T. 0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

Tgt Ion	Ratio	Lower	Upper
142	100		
127	42.3	33.6	50.4
141	14.1	11.3	16.9





#11

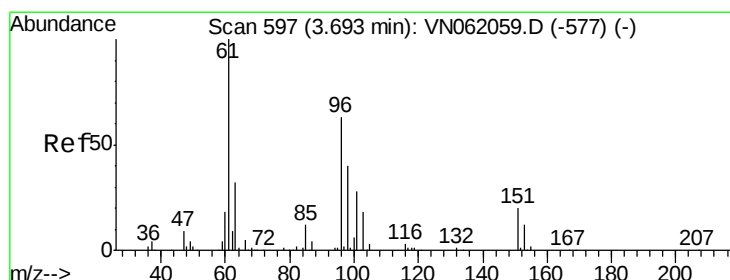
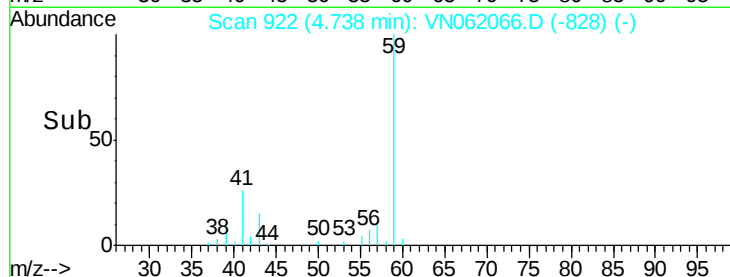
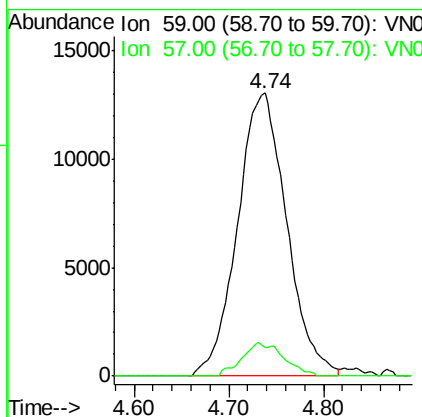
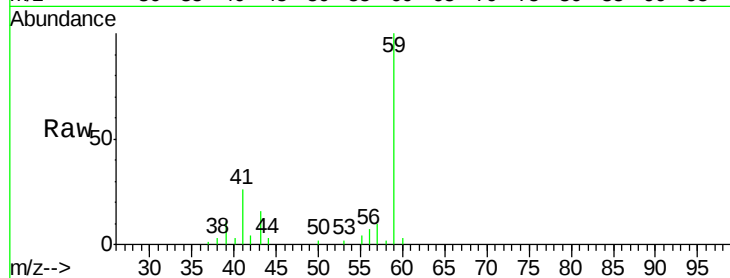
Tert butyl alcohol
 Concen: 95.482 ug/l
 RT: 4.74 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: VN062066.D
 Acq: 24 Jun 2020 16:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	6.1	8.3	12.5#

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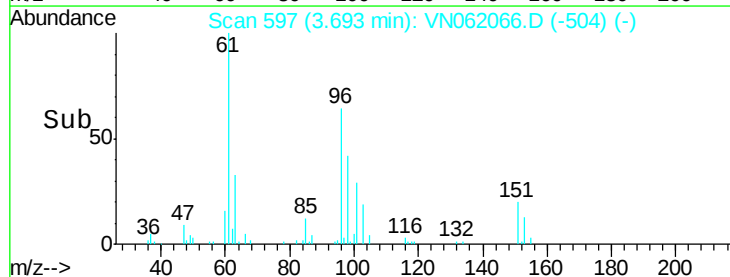
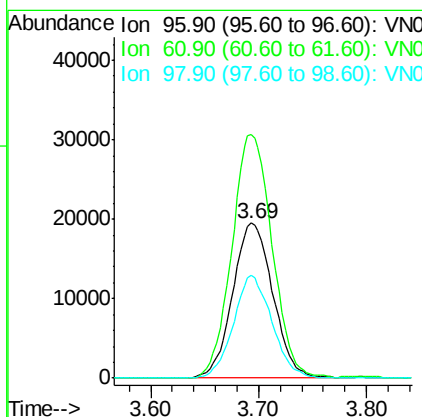
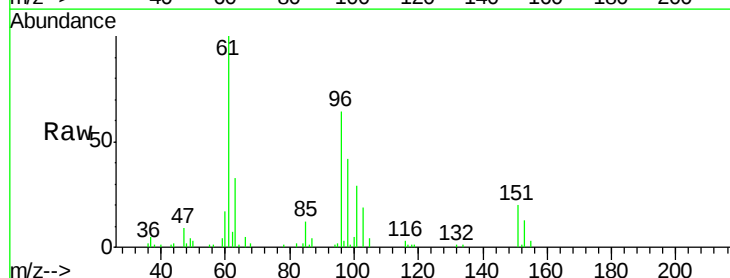
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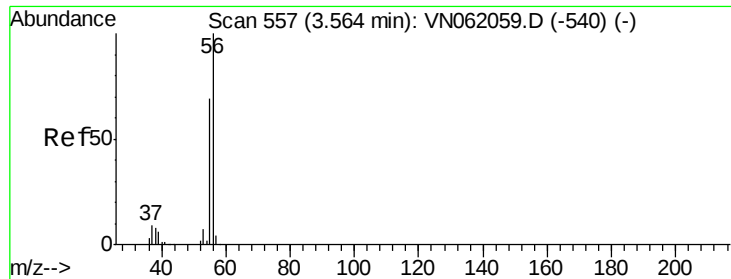


#12

1,1-Dichloroethene
 Concen: 17.981 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: VN062066.D
 Acq: 24 Jun 2020 16:36

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.0	126.7	190.1
98	66.1	51.0	76.4





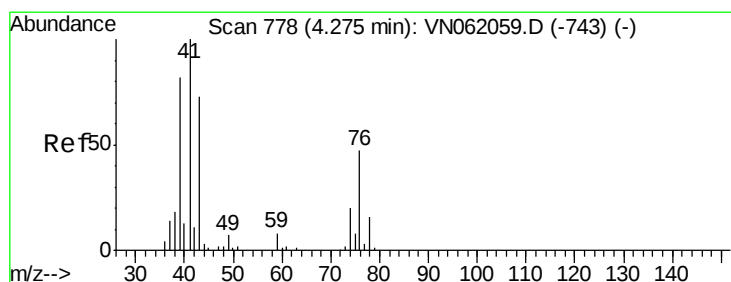
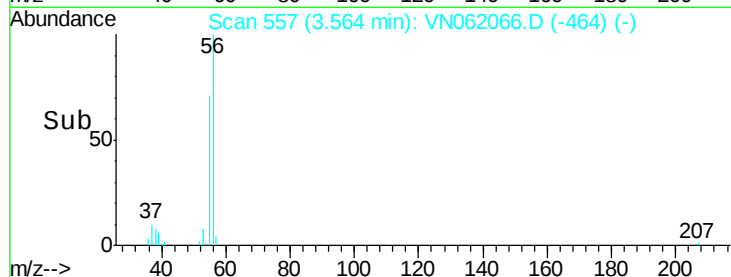
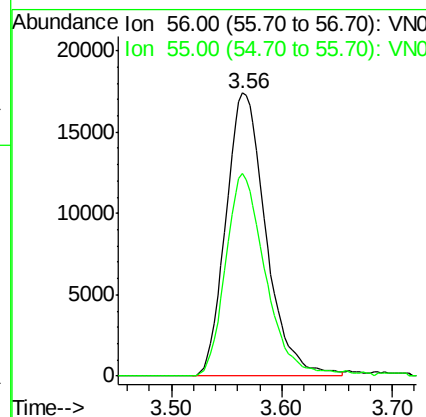
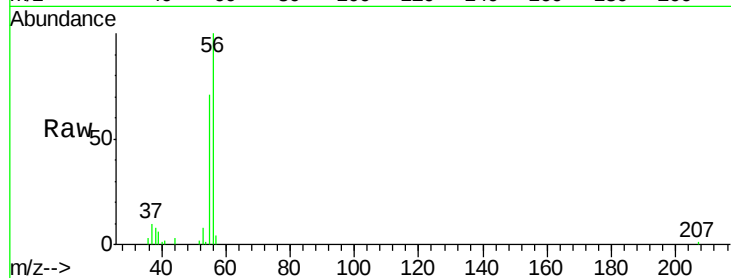
#13
Acrolein
Concen: 90.738 ug/l
RT: 3.56 min Scan# 557
Delta R.T. 0.00 min
Lab File: VN062066.D
Acq: 24 Jun 2020 16:36

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01

Tot Ion	56	Resp	43822
Ion Ratio	100	Lower	Upper
56	100		
55	70.9	55.5	83.3

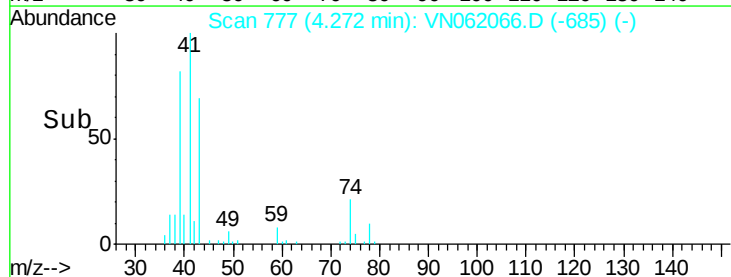
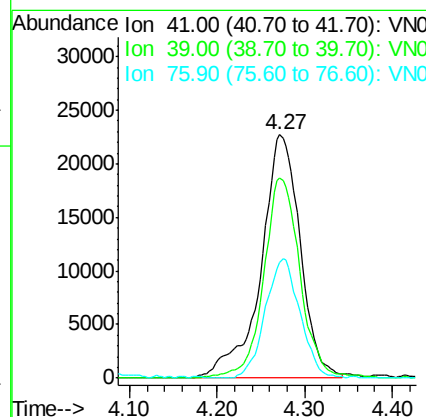
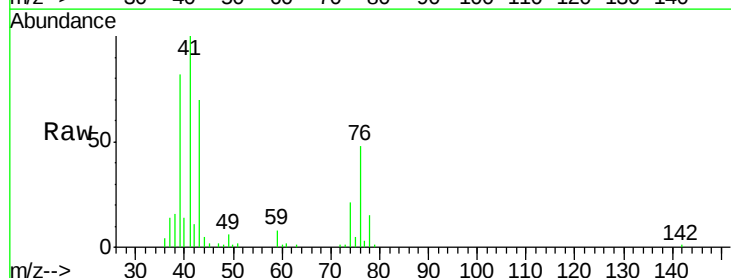
Manual Integrations
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#14
Allyl chloride
Concen: 18.530 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.00 min
Lab File: VN062066.D
Acq: 24 Jun 2020 16:36

Tgt Ion	41	Resp	70919
Ion Ratio	100	Lower	Upper
41	100		
39	76.1	60.0	90.0
76	43.1	34.1	51.1





#15

Acrylonitrile

Concen: 94.774 ug/l

RT: 4.93 min Scan# 981

Delta R.T. 0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

Instrument :

MSVOA_N

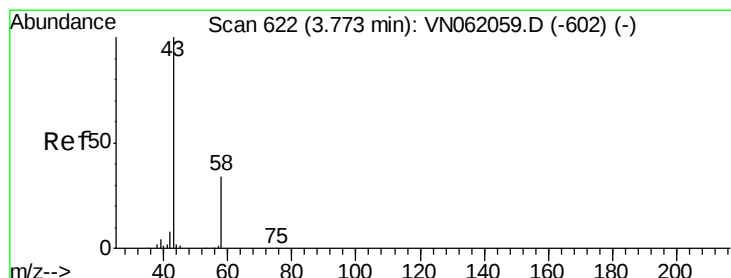
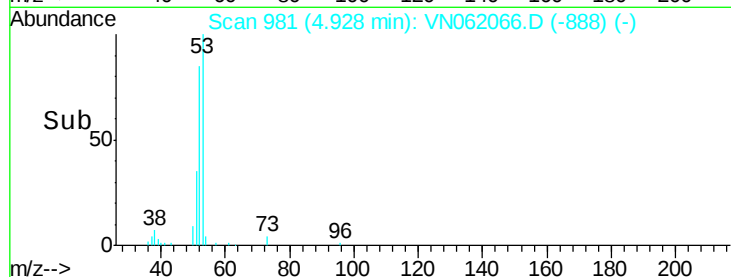
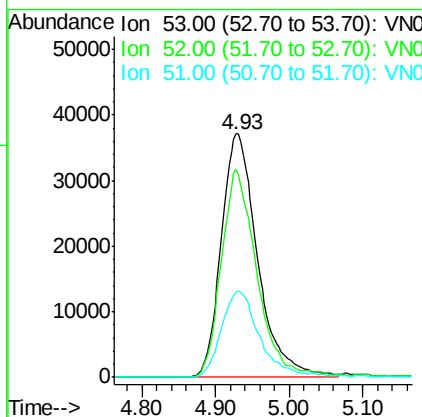
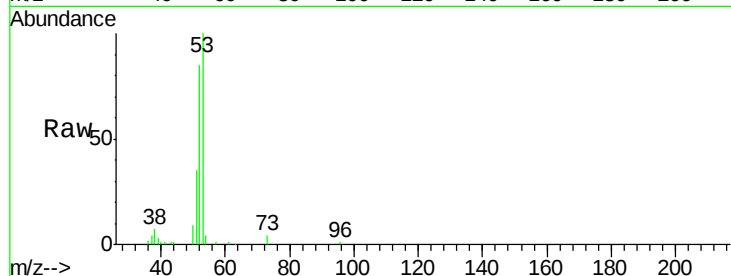
ClientSampleID :

VN0624WBSD01

Tot Ion:	53	Resp:	127395
Ion Ratio		Lower	Upper
53	100		
52	83.6	66.2	99.4
51	36.5	28.9	43.3

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#16

Acetone

Concen: 98.084 ug/l

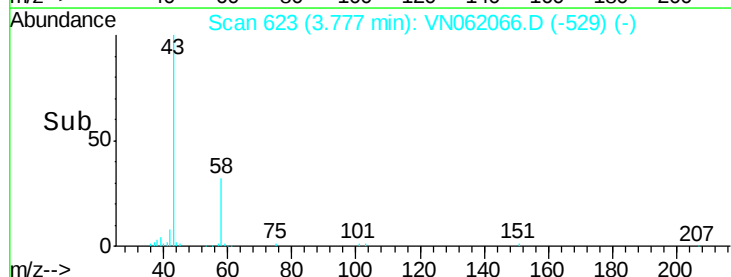
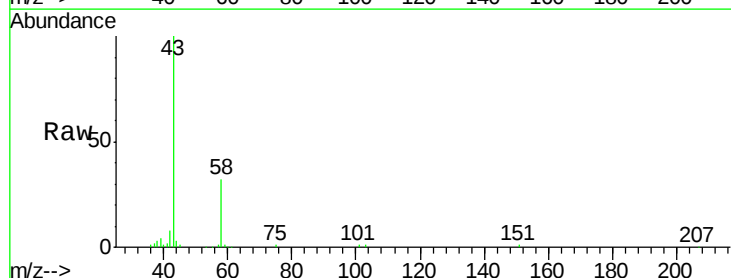
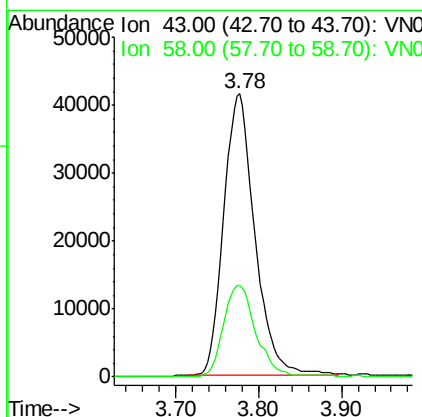
RT: 3.78 min Scan# 623

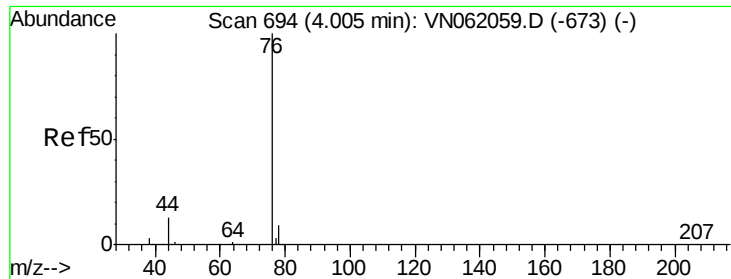
Delta R.T. 0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

Tgt Ion:	43	Resp:	108428
Ion Ratio		Lower	Upper
43	100		
58	32.4	27.5	41.3





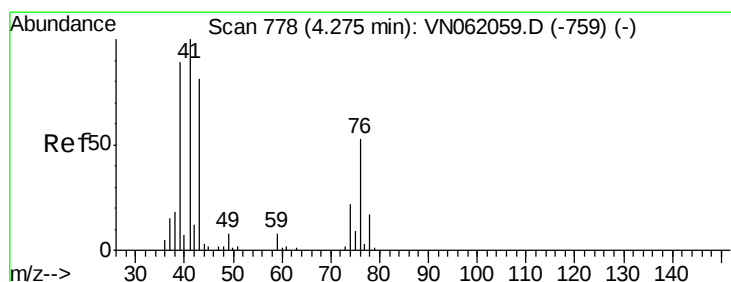
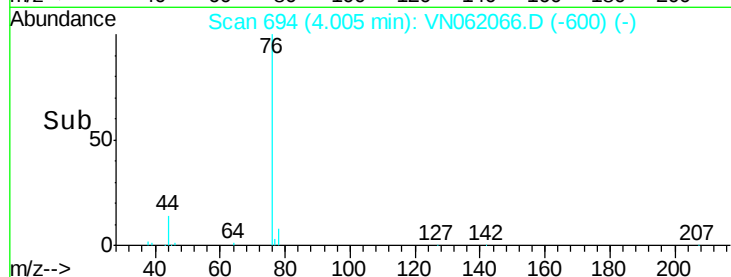
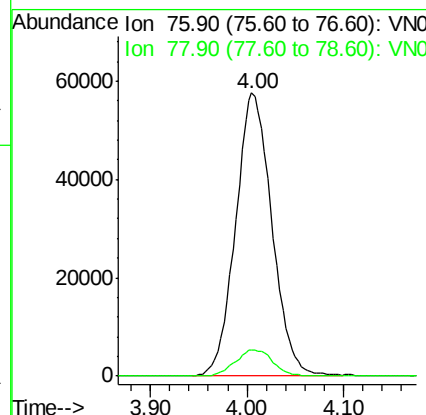
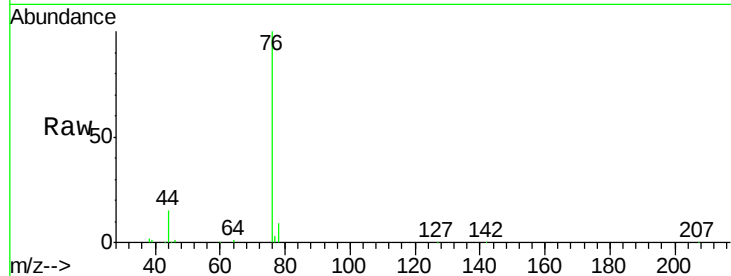
#17
Carbon Disulfide
Concen: 18.668 ug/l
RT: 4.00 min Scan# 694
Delta R.T. 0.00 min
Lab File: VN062066.D
Acq: 24 Jun 2020 16:36

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.2	10.8

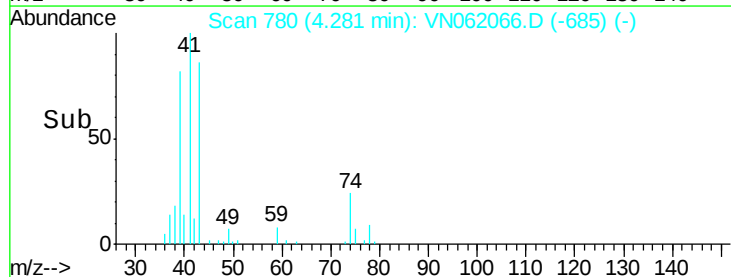
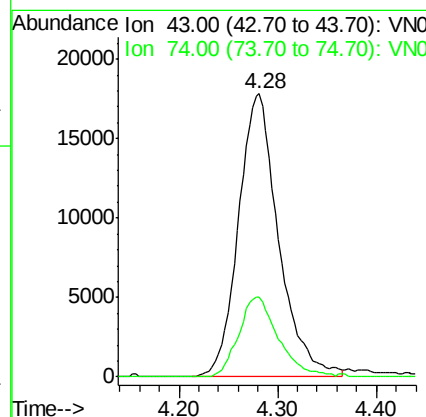
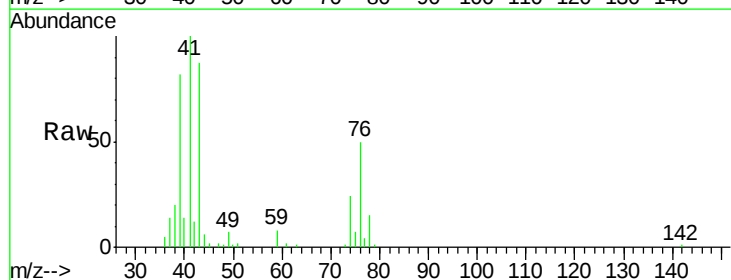
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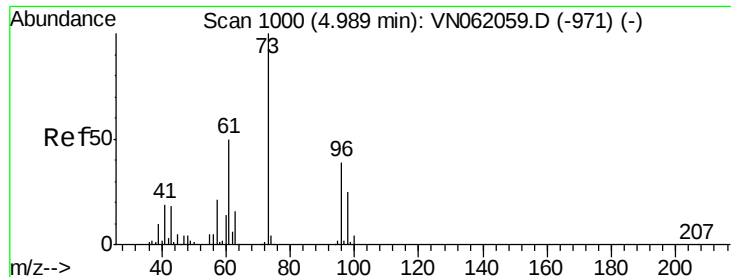
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#18
Methyl Acetate
Concen: 18.435 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.01 min
Lab File: VN062066.D
Acq: 24 Jun 2020 16:36

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.7	22.9	34.3





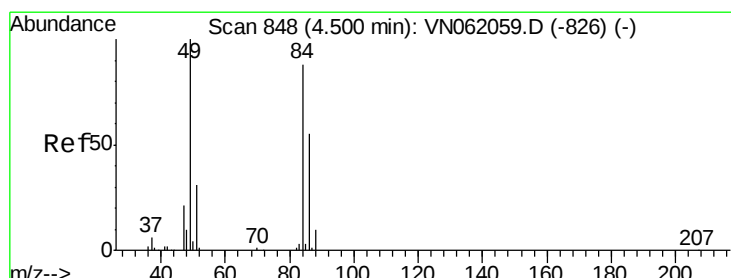
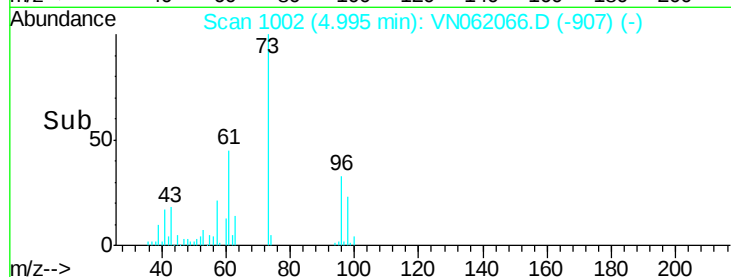
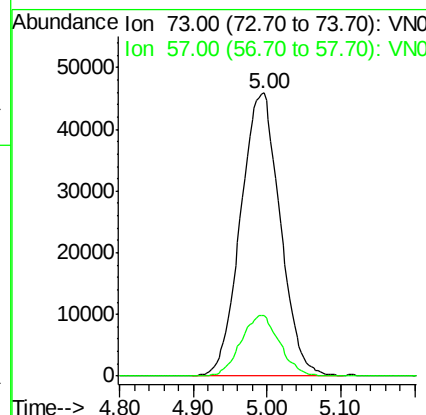
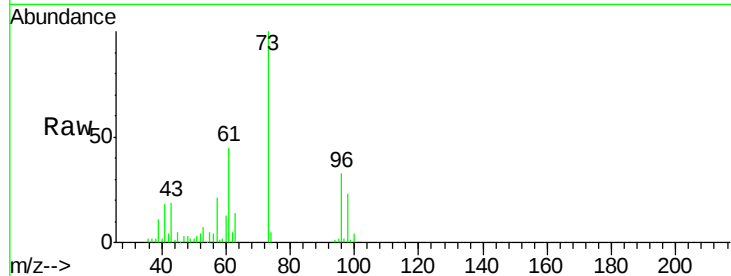
#19
Methvl tert-butvl Ether
Concen: 19.114 ug/l
RT: 5.00 min Scan# 1002
Delta R.T. 0.01 min
Lab File: VN062066.D
Acq: 24 Jun 2020 16:36

Instrument :
MSVOA_N
ClientSampled :
VN0624WBSD01

Tot Ion: 73 Resp: 171694
Ion Ratio Lower Upper
73 100
57 21.4 16.6 24.8

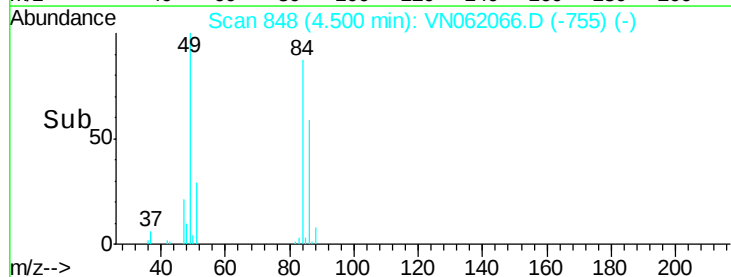
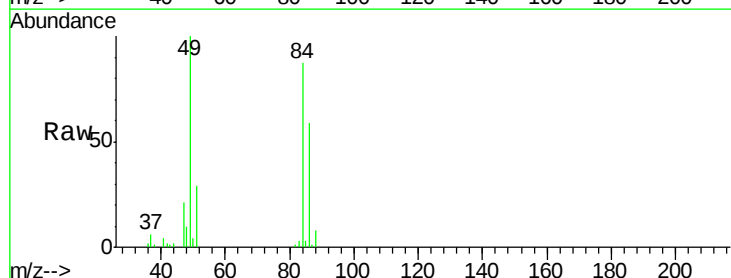
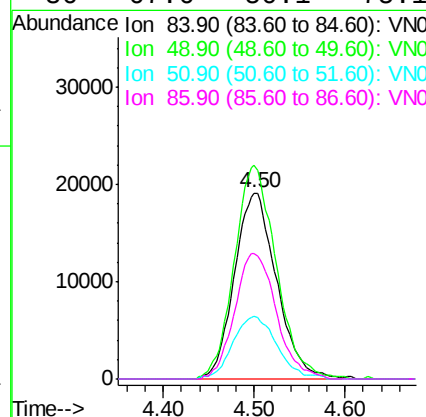
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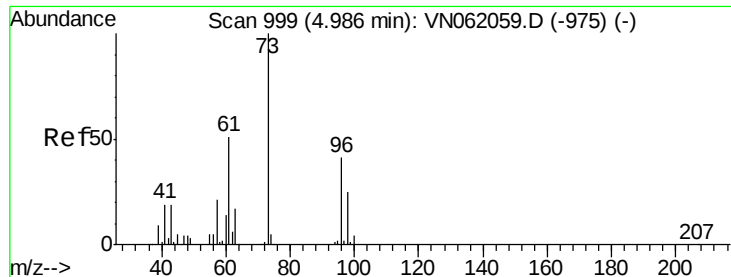
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#20
Methylene Chloride
Concen: 19.372 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062066.D
Acq: 24 Jun 2020 16:36

Tgt Ion: 84 Resp: 61517
Ion Ratio Lower Upper
84 100
49 114.9 90.6 136.0
51 33.7 27.8 41.8
86 67.6 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 17.175 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

Instrument :

MSVOA_N

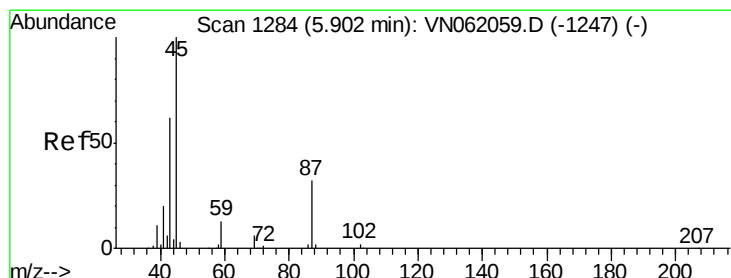
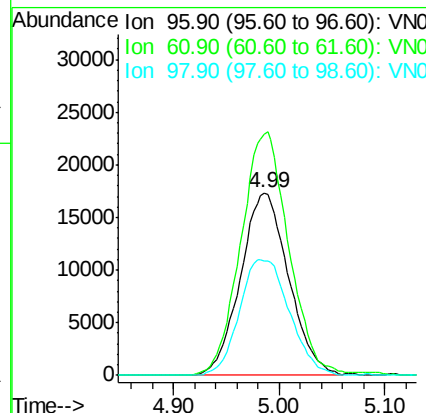
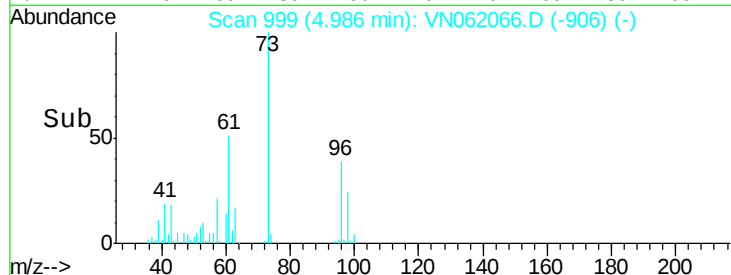
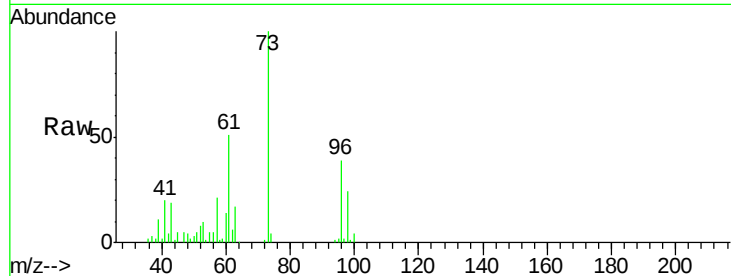
ClientSampleId :

VN0624WBSD01

Tot Ion:	96	Resp:	55001
Ion	Ratio	Lower	Upper
96	100		
61	131.7	101.4	152.2
98	62.6	49.3	73.9

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#22

Diisopropyl ether

Concen: 18.335 ug/l

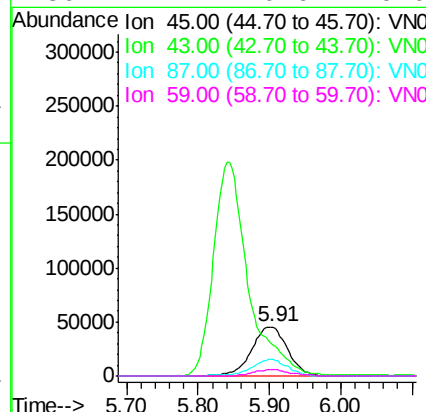
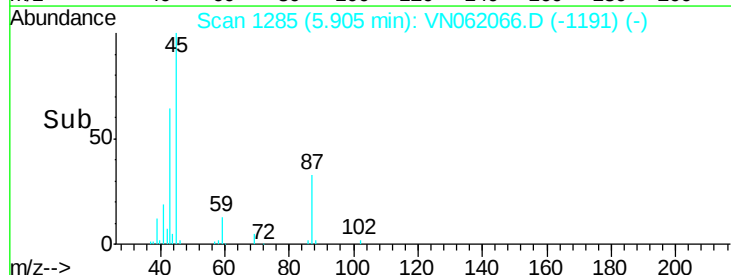
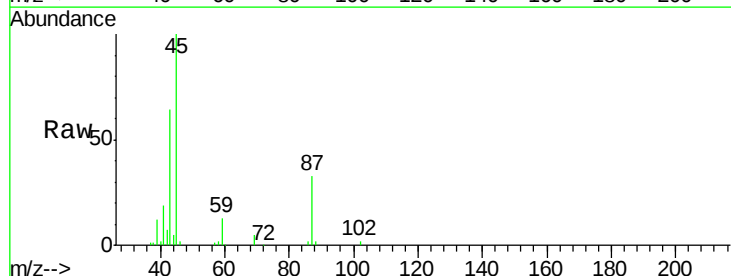
RT: 5.91 min Scan# 1285

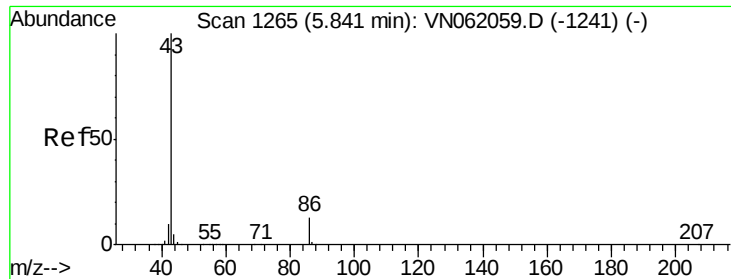
Delta R.T. 0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

Tgt Ion:	45	Resp:	159780
Ion	Ratio	Lower	Upper
45	100		
43	61.8	49.7	74.5
87	33.4	25.9	38.9
59	12.7	10.6	16.0





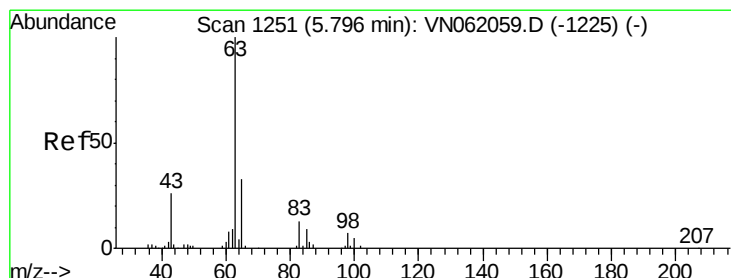
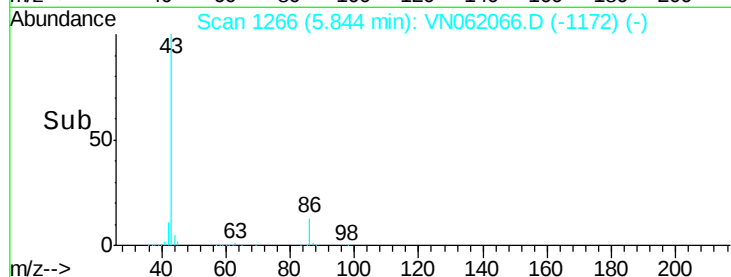
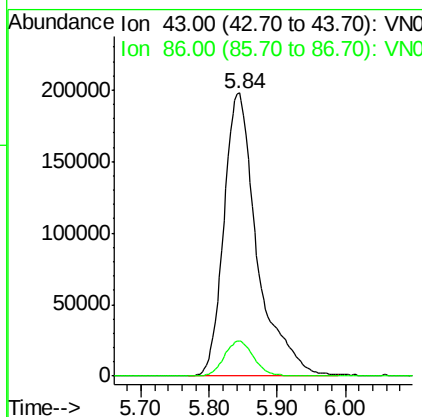
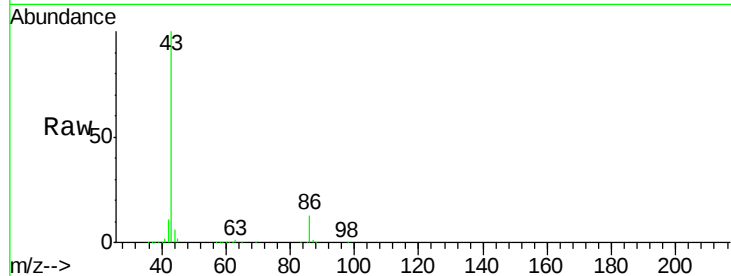
#23
 Vinyl Acetate
 Concen: 94.582 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VN062066.D
 Acq: 24 Jun 2020 16:36

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0624WBSD01

Tot Ion	43	Resp	672929
Ion Ratio	100	Lower	Upper
43	100		
86	12.6	10.1	15.1

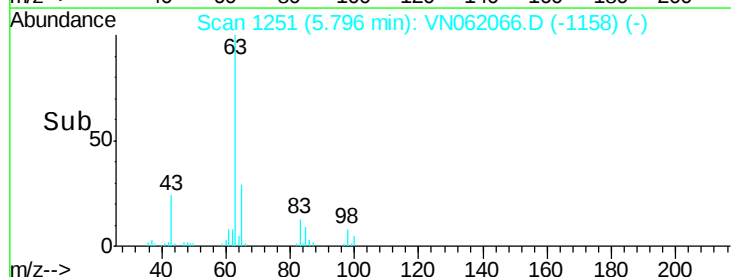
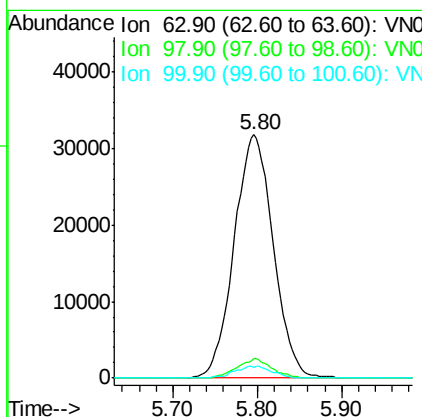
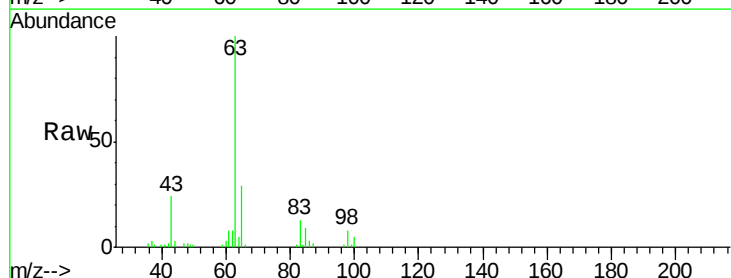
Manual Integrations
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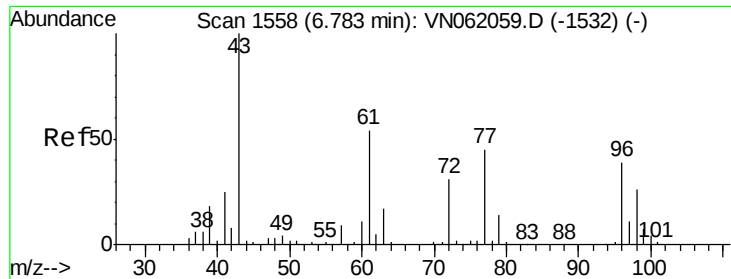
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#24
 1,1-Dichloroethane
 Concen: 18.247 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VN062066.D
 Acq: 24 Jun 2020 16:36

Tgt Ion	63	Resp	102391
Ion Ratio	100	Lower	Upper
63	100		
98	7.9	3.6	10.9
100	4.6	2.4	7.1





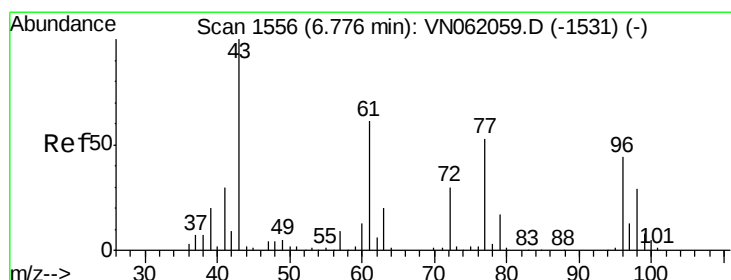
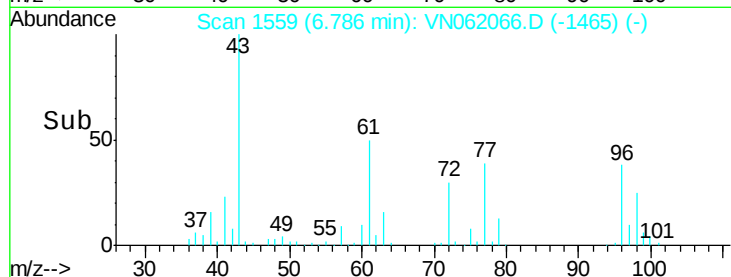
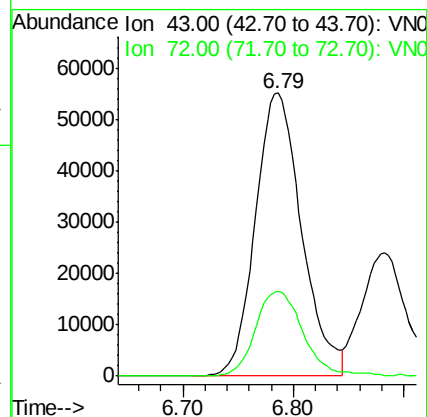
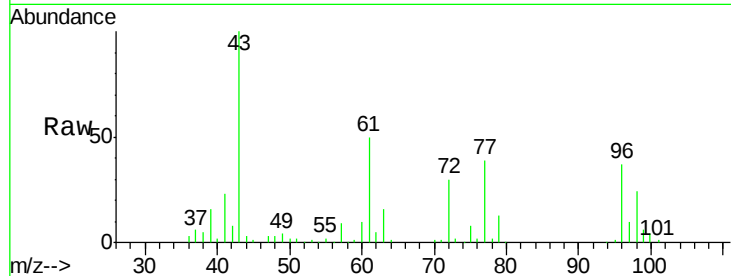
#25
2-Butanone
Concen: 95.862 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN062066.D
Acq: 24 Jun 2020 16:36

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01

Tot Ion: 43 Resp: 160980
Ion Ratio Lower Upper
43 100
72 30.2 24.8 37.2

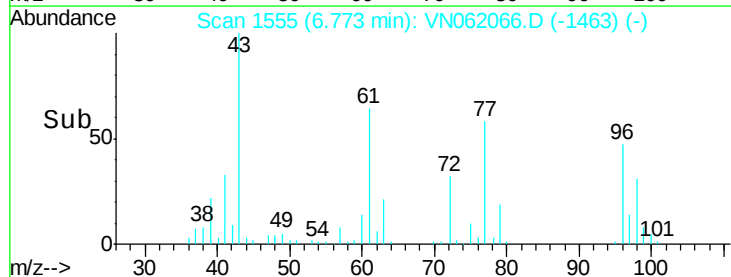
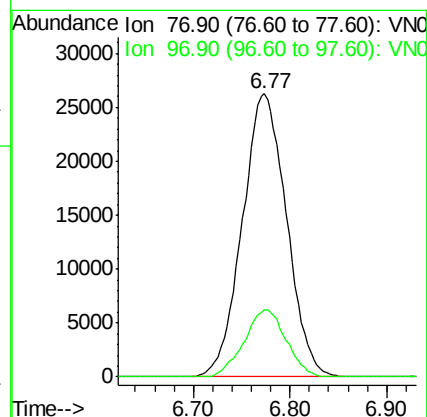
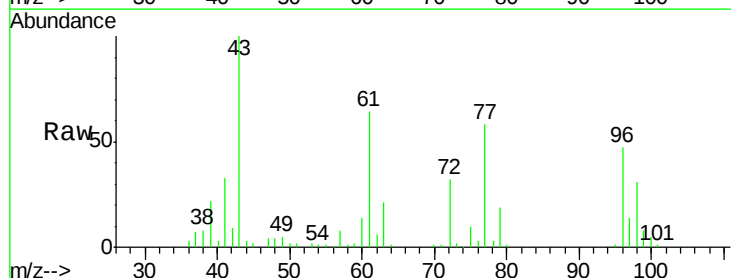
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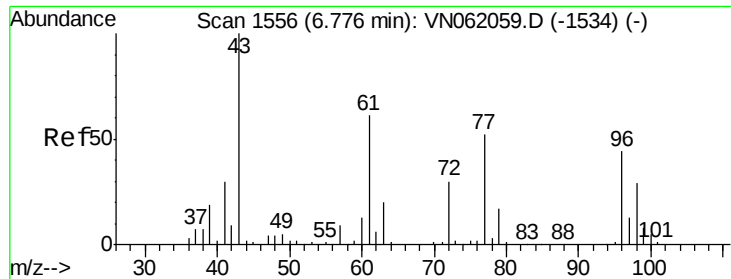
MMDadoda
6/25/2020 6:10:26 PM



#26
2,2-Dichloropropane
Concen: 17.815 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062066.D
Acq: 24 Jun 2020 16:36

Tgt Ion: 77 Resp: 83304
Ion Ratio Lower Upper
77 100
97 22.4 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 18.070 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

Instrument :

MSVOA_N

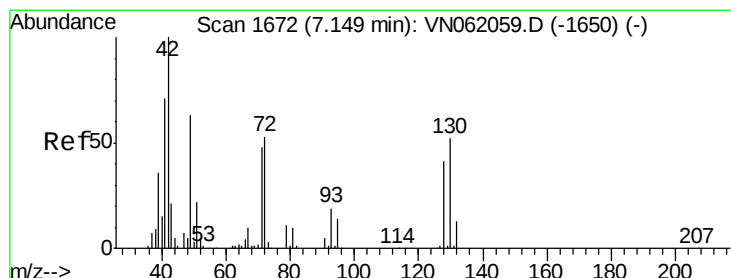
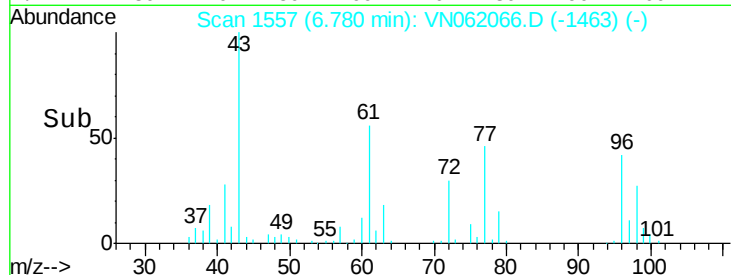
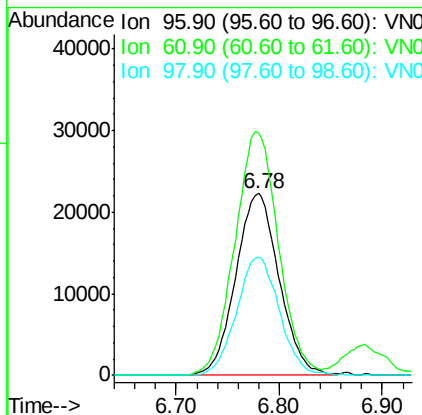
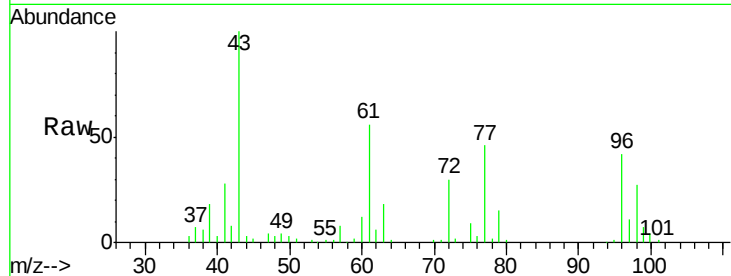
ClientSampleId :

VN0624WBSD01

Tot Ion:	96	Resp:	65115
Ion	Ratio	Lower	Upper
96	100		
61	135.0	0.0	280.4
98	64.1	0.0	129.4

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6/25/2020 6:10:26 PM



#28

Bromochloromethane

Concen: 19.078 ug/l

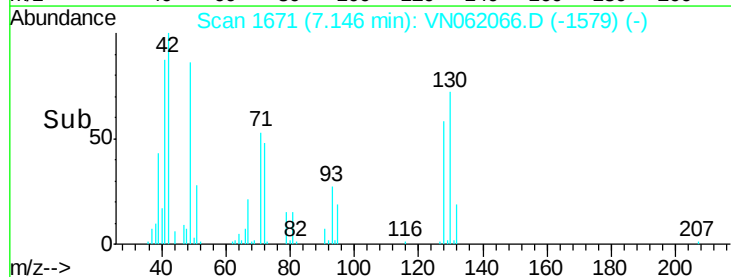
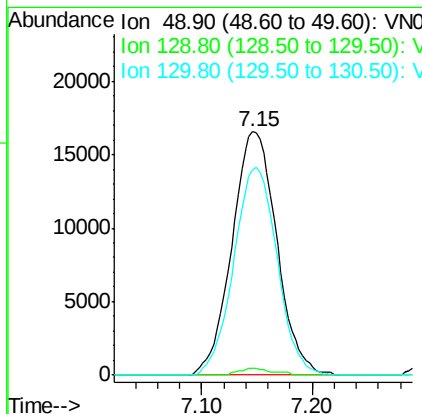
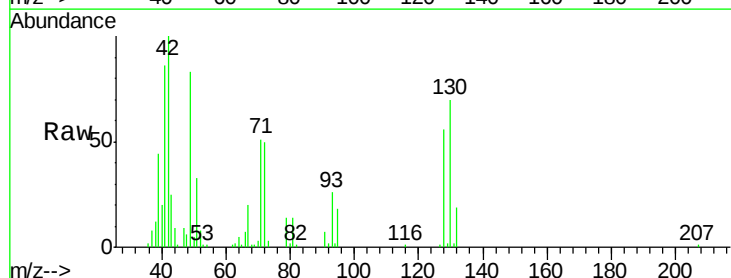
RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

Tgt Ion:	49	Resp:	46450
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.4
130	82.9	65.5	98.3





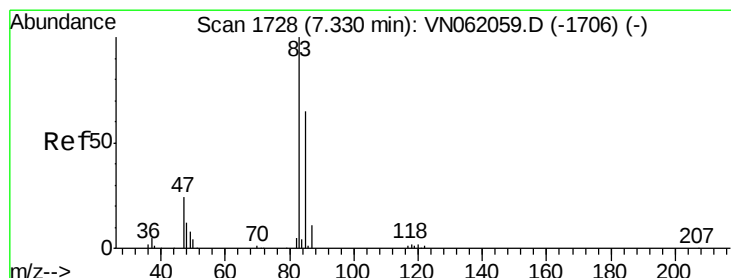
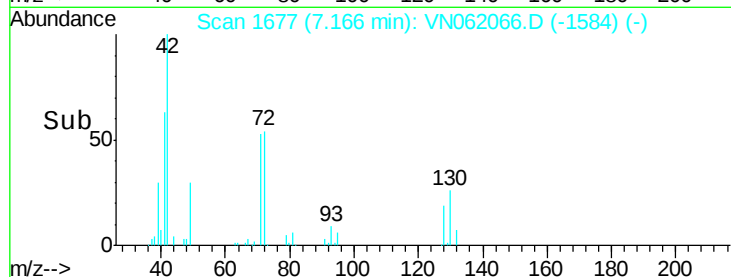
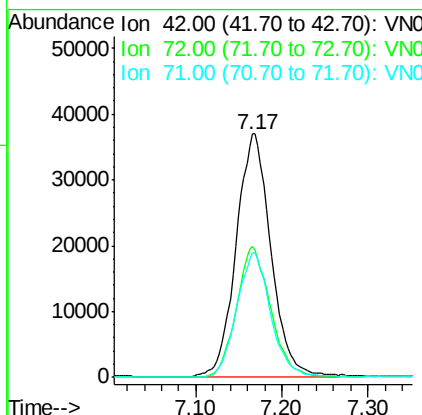
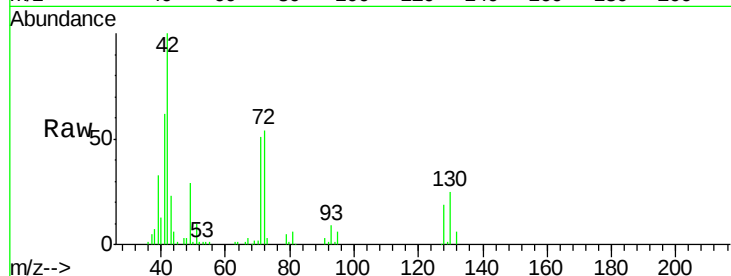
#29
Tetrahydrofuran
Concen: 94.935 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN062066.D
Acq: 24 Jun 2020 16:36

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.4	41.1	61.7
71	49.8	38.2	57.4

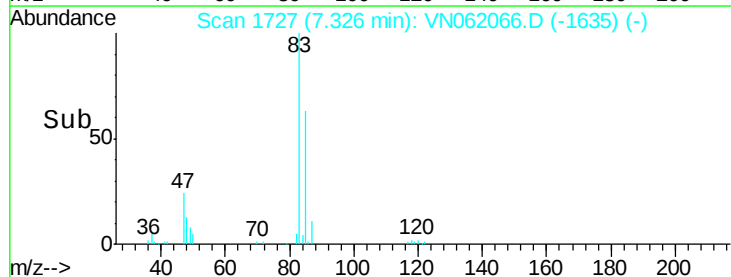
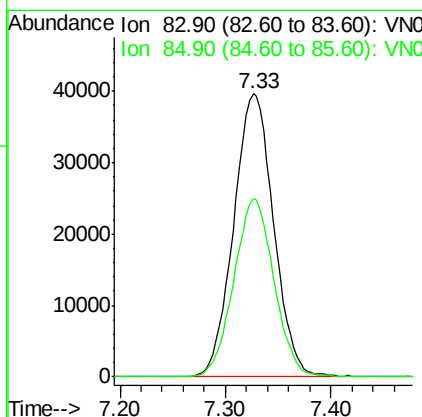
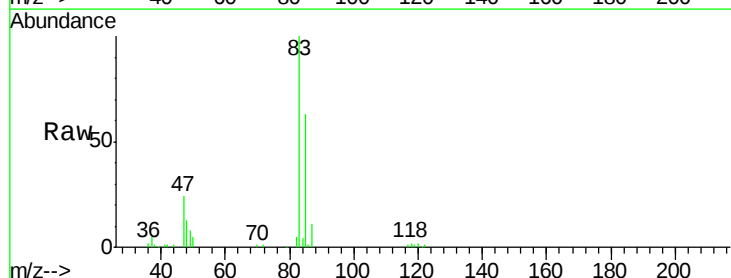
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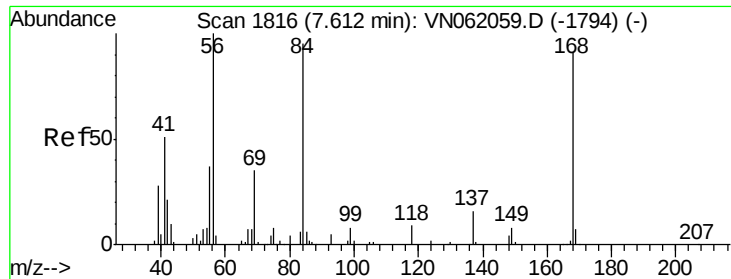
MMDadoda
6/25/2020 6:10:26 PM



#30
Chloroform
Concen: 18.245 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062066.D
Acq: 24 Jun 2020 16:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.0	52.3	78.5





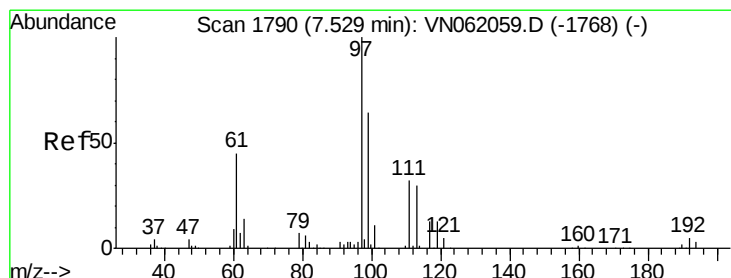
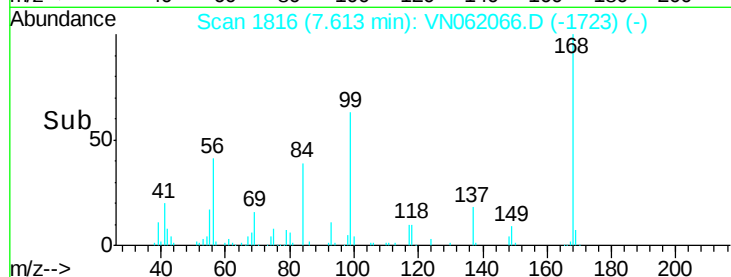
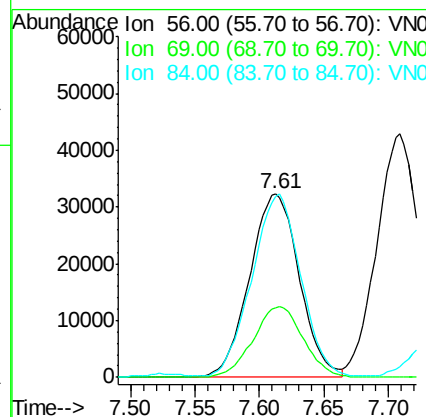
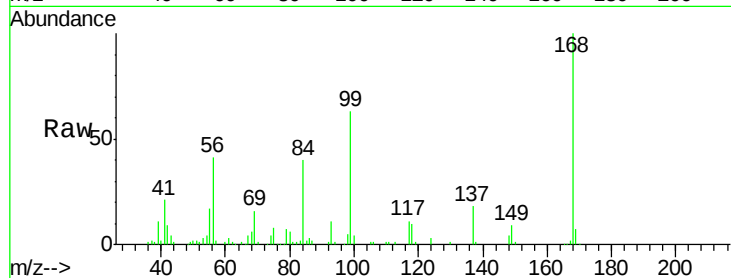
#31
Cvclohexane
Concen: 18.294 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VN062066.D
Acq: 24 Jun 2020 16:36

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.2	28.0	42.0
84	97.7	76.1	114.1

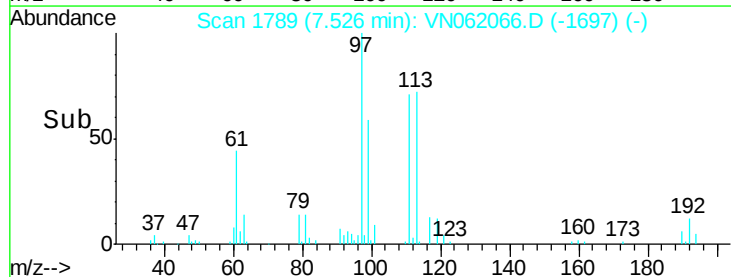
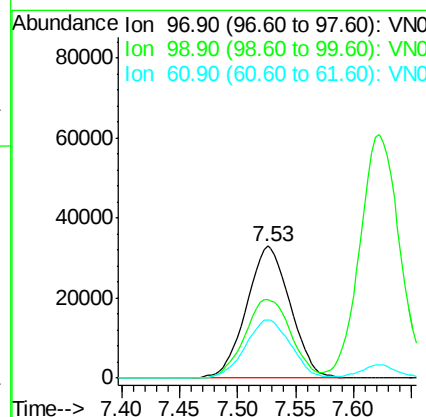
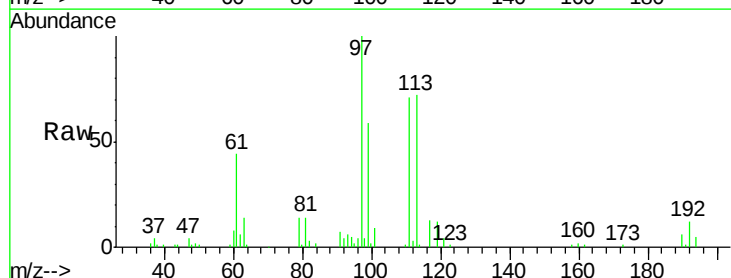
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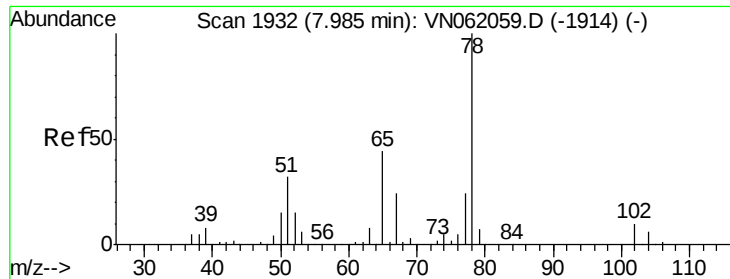
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 17.988 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN062066.D
Acq: 24 Jun 2020 16:36

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.0	76.4
61	45.7	36.2	54.2





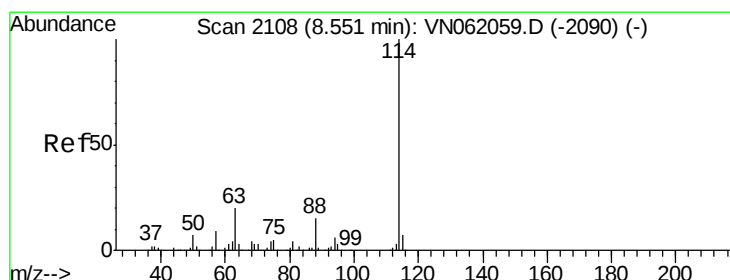
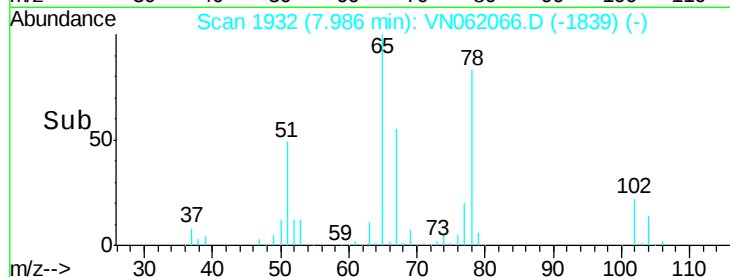
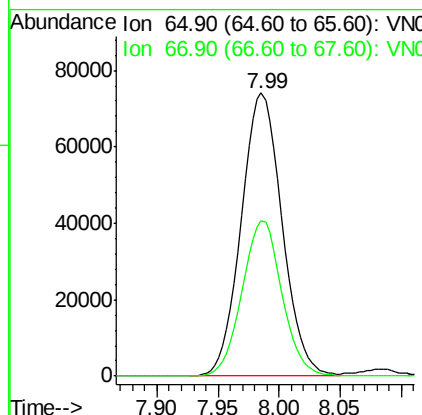
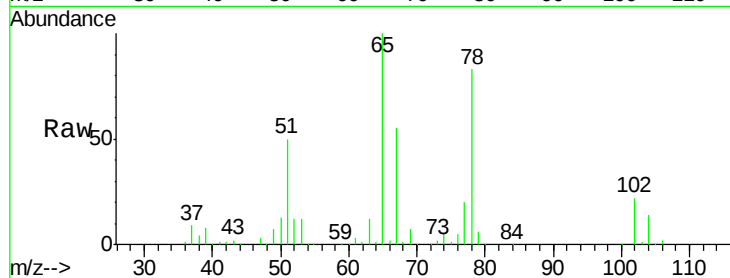
#33
 1,2-Dichloroethane-d4
 Concen: 50.026 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. 0.00 min
 Lab File: VN062066.D
 Acq: 24 Jun 2020 16:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.3	0.0	106.2	

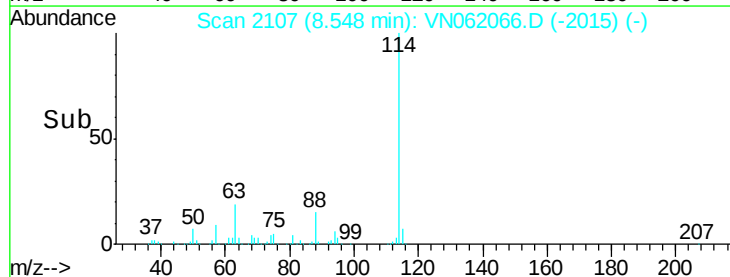
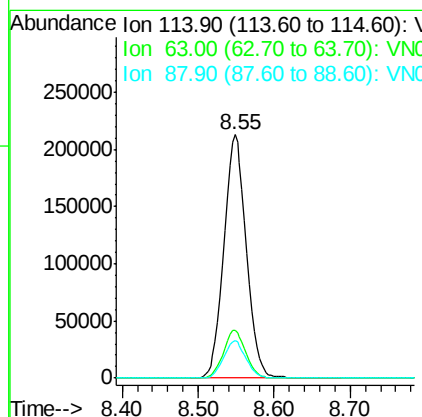
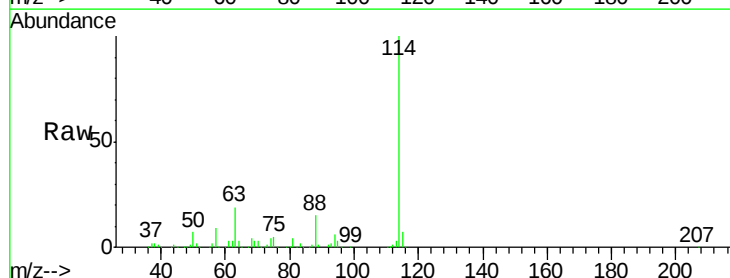
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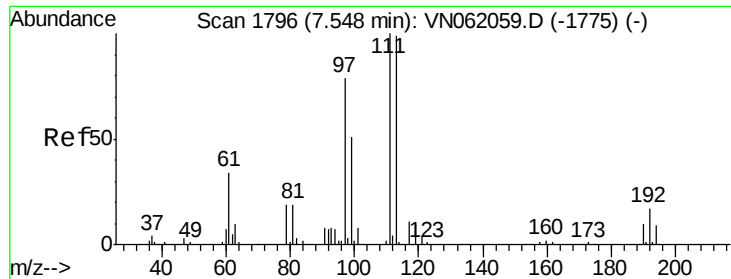
MMDadoda
 6/25/2020 6:10:26 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062066.D
 Acq: 24 Jun 2020 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.5	0.0	39.2	
88	15.4	0.0	30.8	





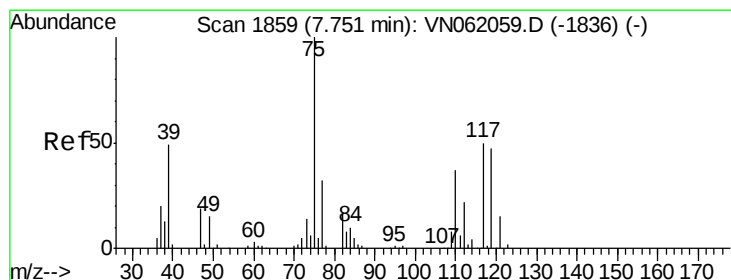
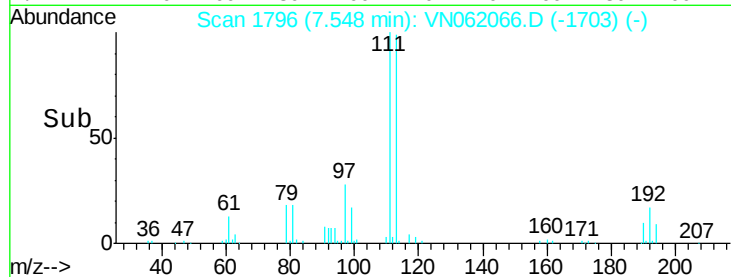
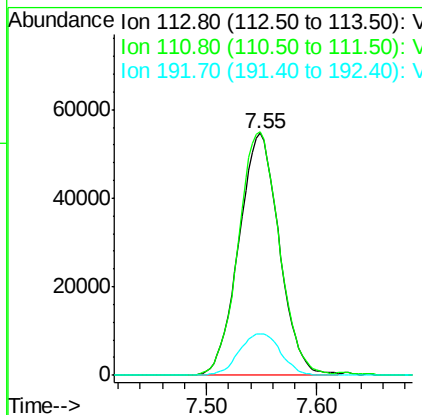
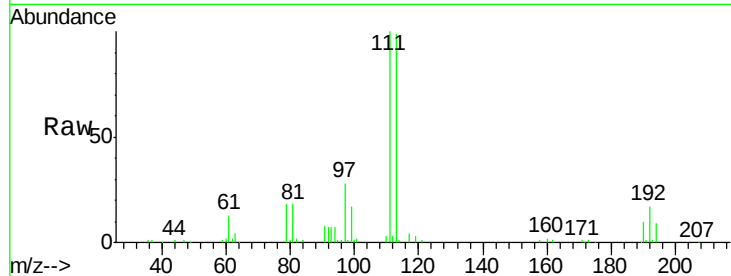
#35
 Dibromofluoromethane
 Concen: 49.454 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062066.D
 Acq: 24 Jun 2020 16:36

Instrument :
 MSVOA_N
 ClientSampled :
 VN0624WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.6	82.2	123.4	
192	17.7	14.0	21.0	

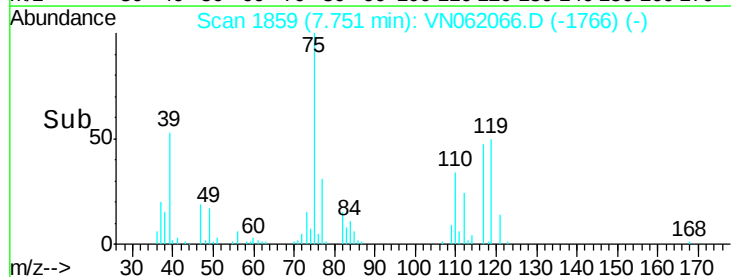
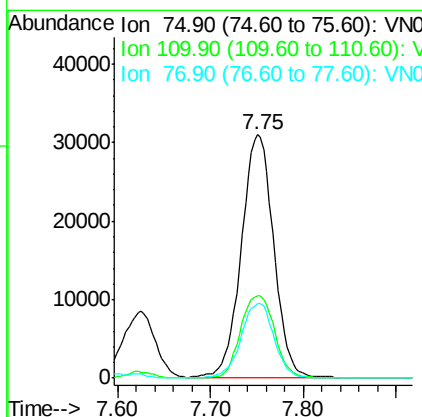
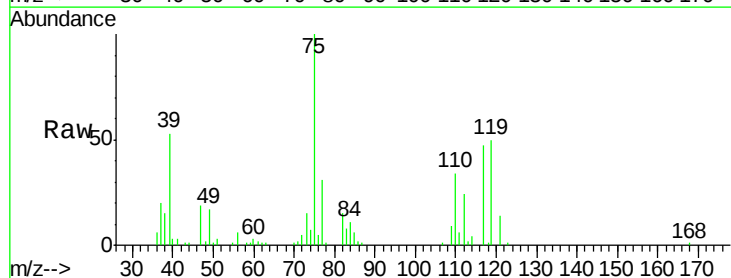
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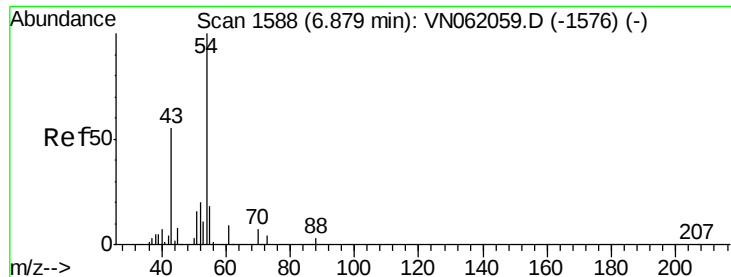
MMDadoda
 6/25/2020 6:10:26 PM



#36
 1,1-Dichloropropene
 Concen: 17.159 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN062066.D
 Acq: 24 Jun 2020 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	35.6	17.9	53.8	
77	31.2	24.9	37.3	





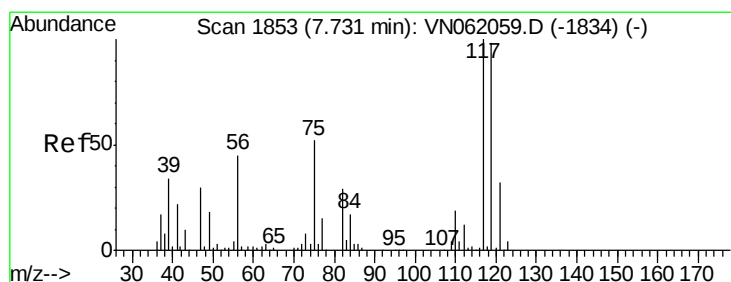
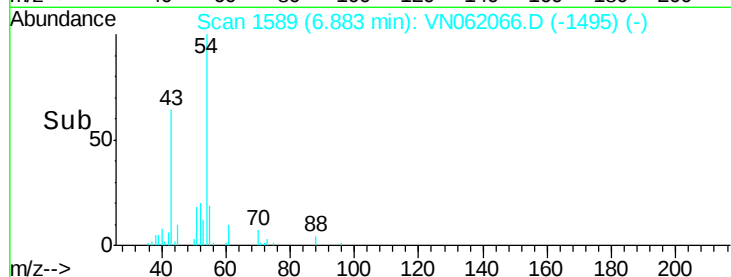
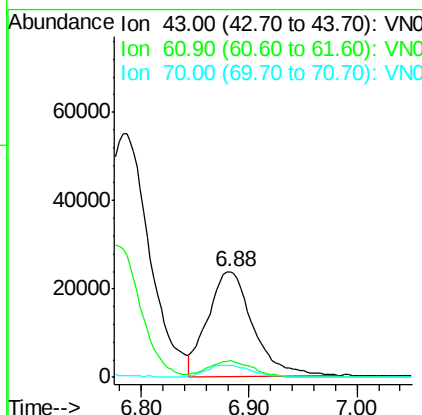
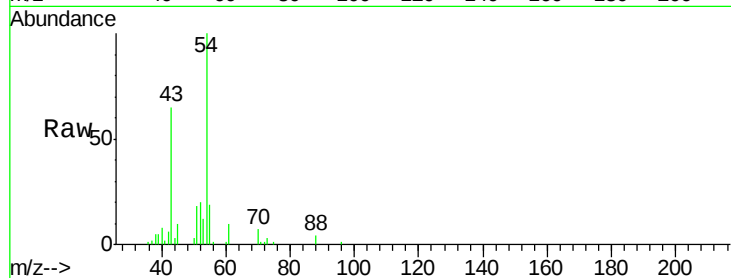
#37
Ethyl Acetate
Concen: 18.813 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062066.D
Acq: 24 Jun 2020 16:36

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.9	12.0	18.0
70	11.9	9.6	14.4

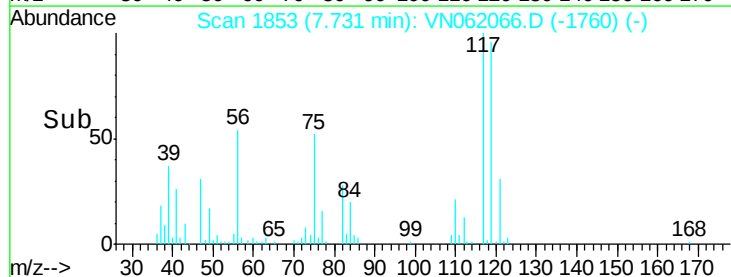
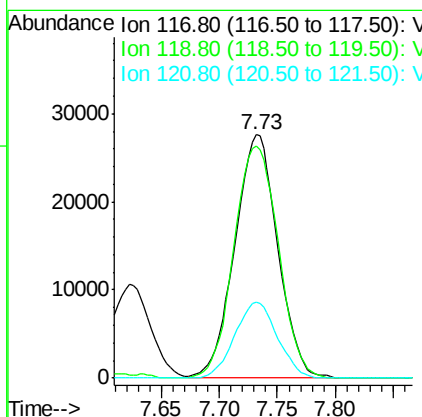
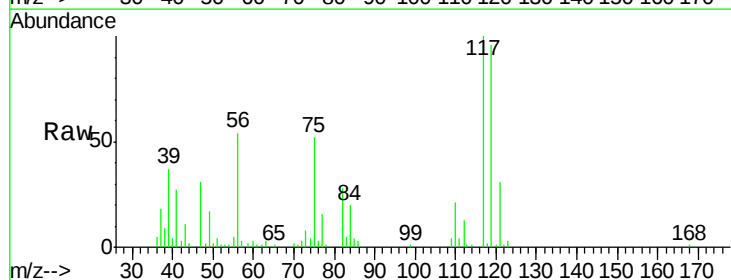
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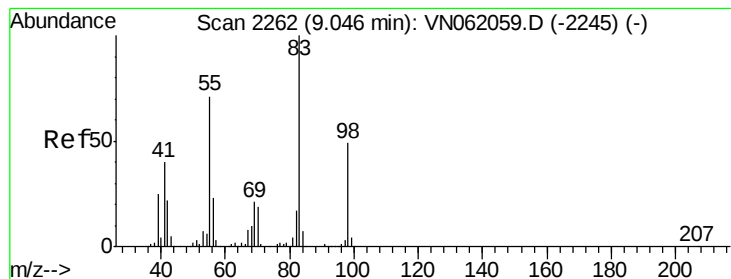
MMDadoda
6/25/2020 6:10:26 PM



#38
Carbon Tetrachloride
Concen: 17.170 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VN062066.D
Acq: 24 Jun 2020 16:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	78.2	117.2
121	31.4	25.8	38.6





#39

Methvlcvclohexane

Concen: 17.715 ug/l

RT: 9.04 min Scan# 2261

Delta R.T. -0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBSD01

Tot Ion: 83 Resp: 85209

Ion Ratio Lower Upper

83 100

55 69.4 57.0 85.6

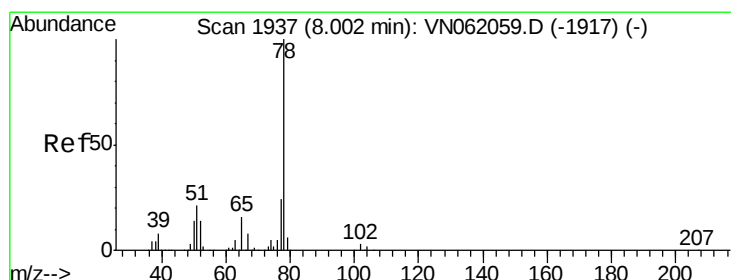
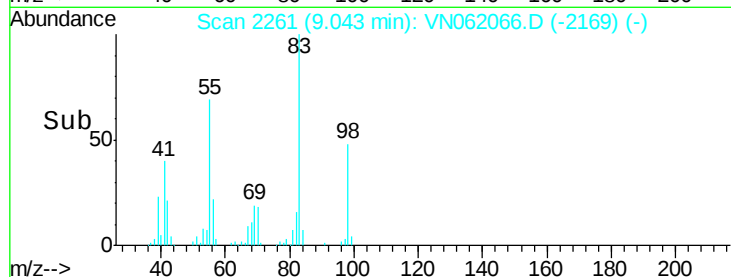
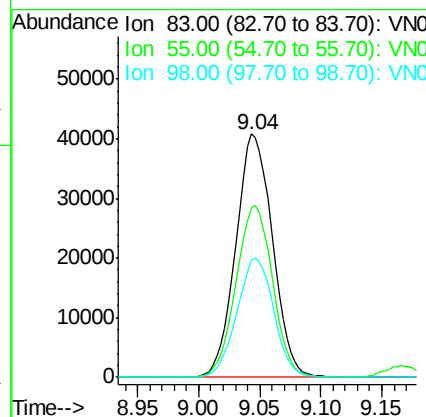
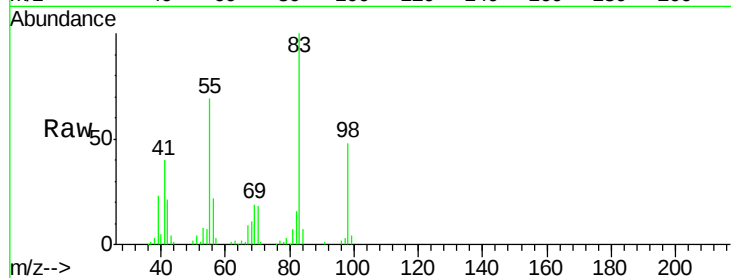
98 47.8 39.0 58.6

Manual Integrations

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#40

Benzene

Concen: 17.428 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN062066.D

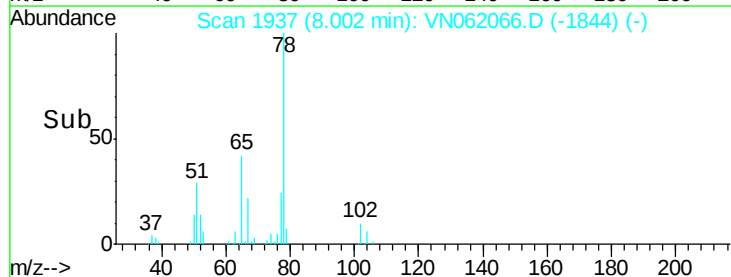
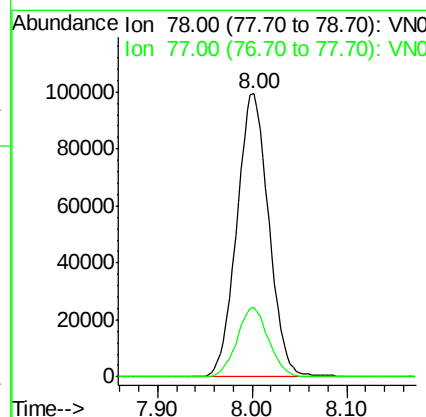
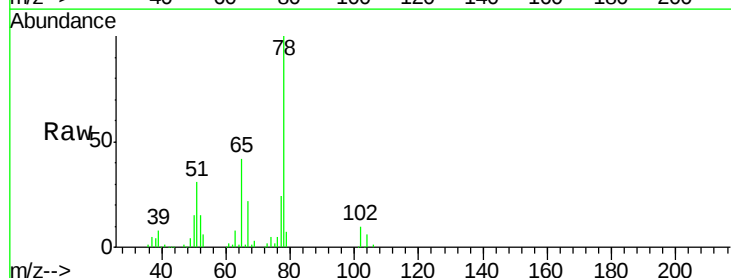
Acq: 24 Jun 2020 16:36

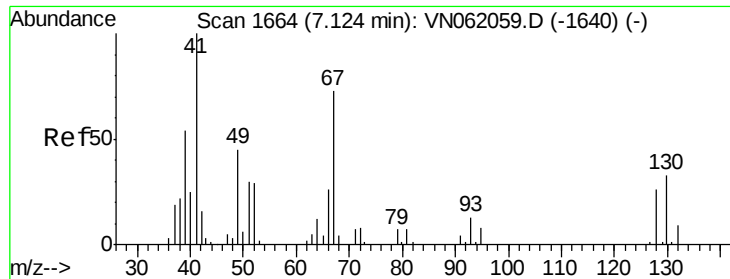
Tgt Ion: 78 Resp: 233189

Ion Ratio Lower Upper

78 100

77 24.4 19.5 29.3





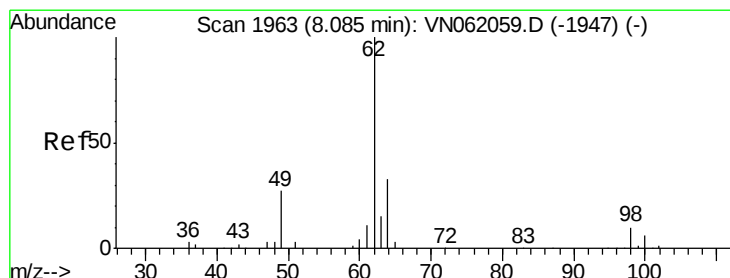
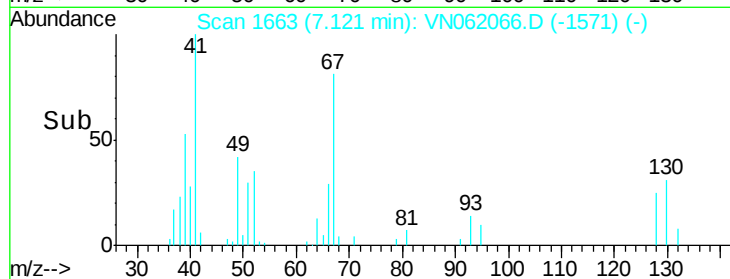
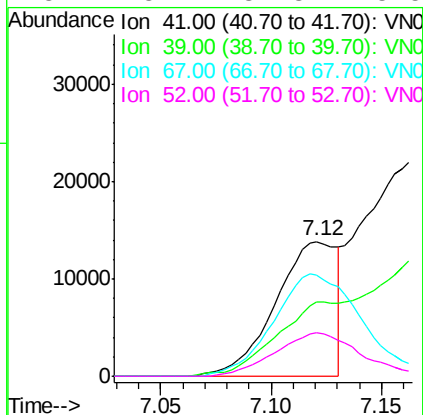
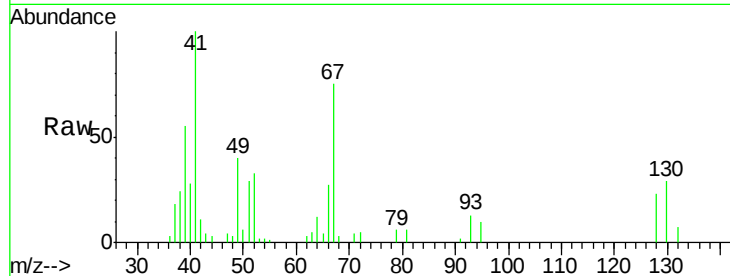
#41
Methacrylonitrile
Concen: 15.909 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.00 min
Lab File: VN062066.D
Acq: 24 Jun 2020 16:36

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01

Tot Ion	41	Resp	26811
Ion Ratio	Lower	Upper	
41	100		
39	54.8	44.2	66.2
67	109.2	79.5	119.3
52	45.4	32.3	48.5

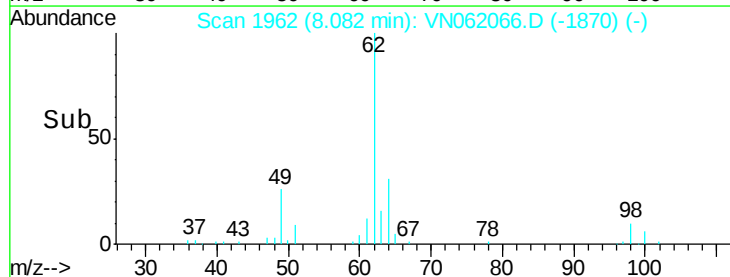
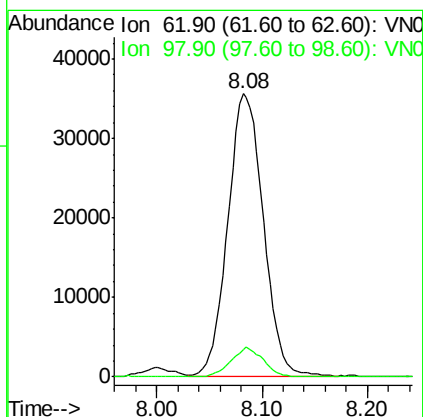
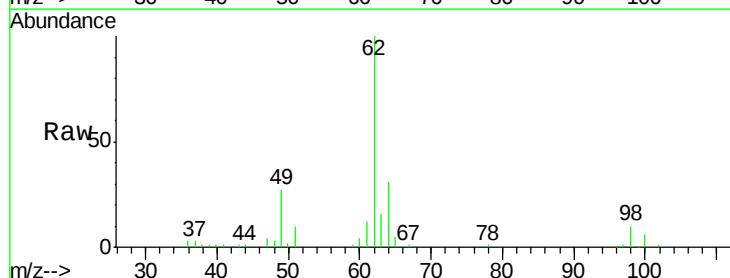
Manual Integrations
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6/25/2020 6:10:26 PM



#42
1,2-Dichloroethane
Concen: 18.470 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062066.D
Acq: 24 Jun 2020 16:36

Tgt Ion	62	Resp	83500
Ion Ratio	Lower	Upper	
62	100		
98	9.5	0.0	19.8





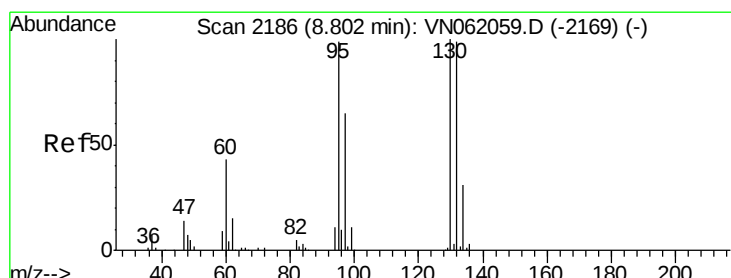
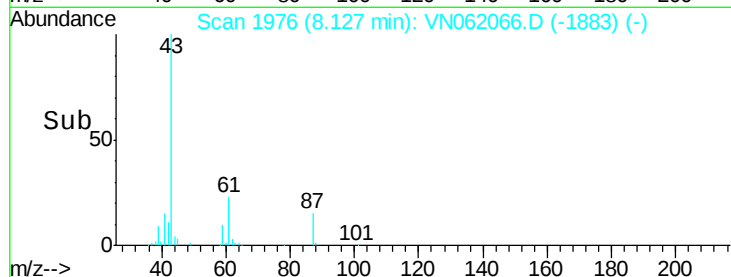
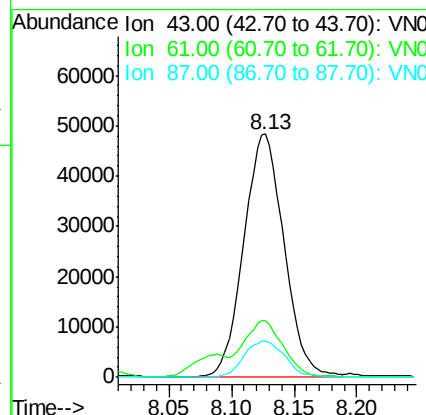
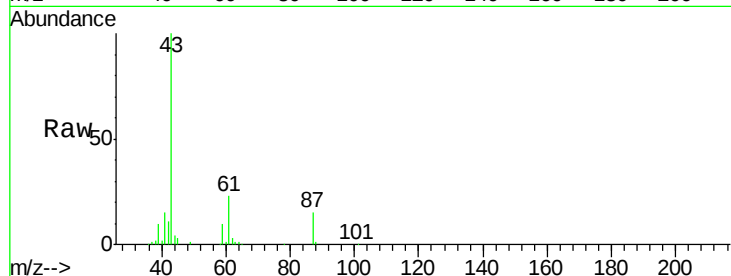
#43
Isopropyl Acetate
Concen: 18.282 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN062066.D
Acq: 24 Jun 2020 16:36

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.9	17.2	25.8
87	15.2	12.1	18.1

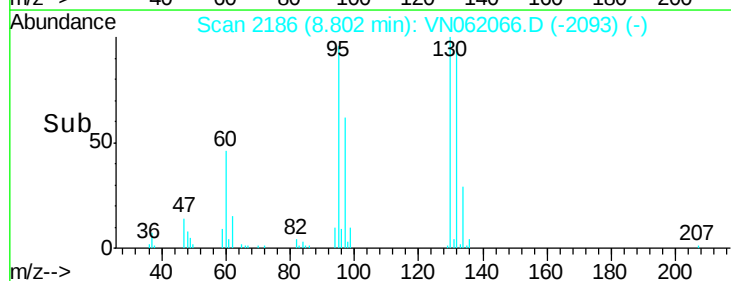
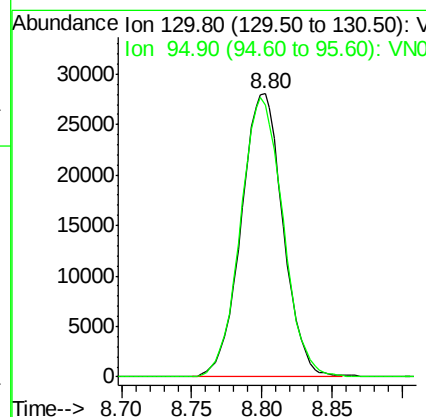
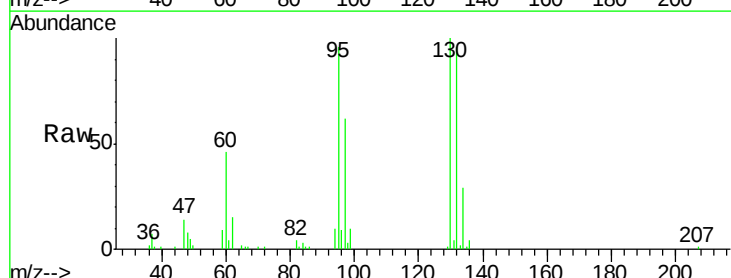
Manual Integrations
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#44
Trichloroethene
Concen: 17.287 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. 0.00 min
Lab File: VN062066.D
Acq: 24 Jun 2020 16:36

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.2	0.0	197.8





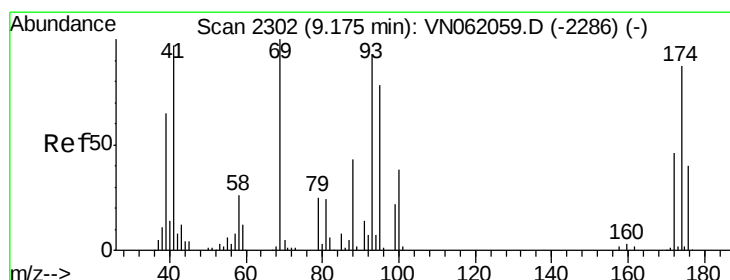
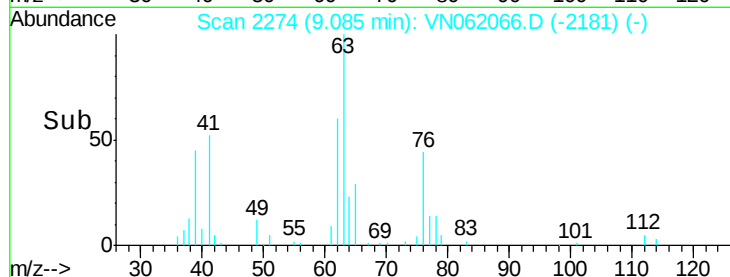
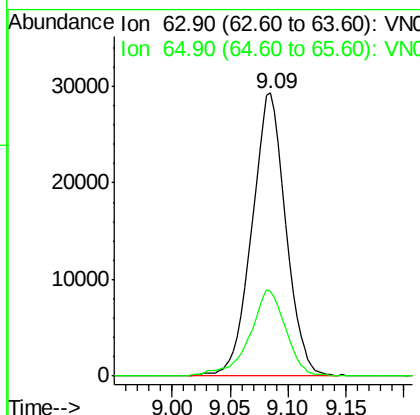
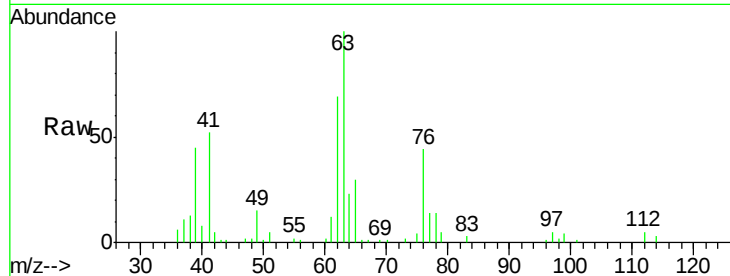
#45
 1,2-Dichloropropane
 Concen: 18.122 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN062066.D
 Acq: 24 Jun 2020 16:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBSD01

Tot Ion: 63 Resp: 59821
 Ion Ratio Lower Upper
 63 100
 65 29.9 25.0 37.4

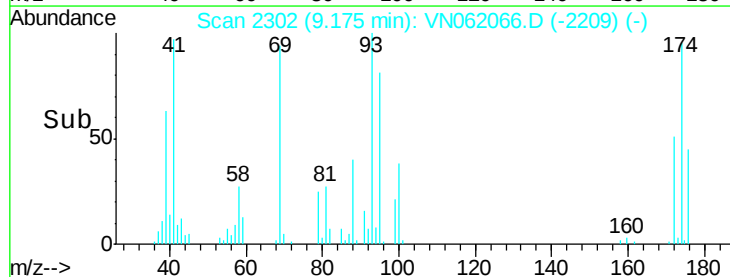
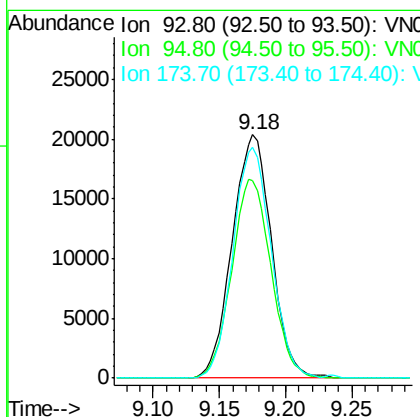
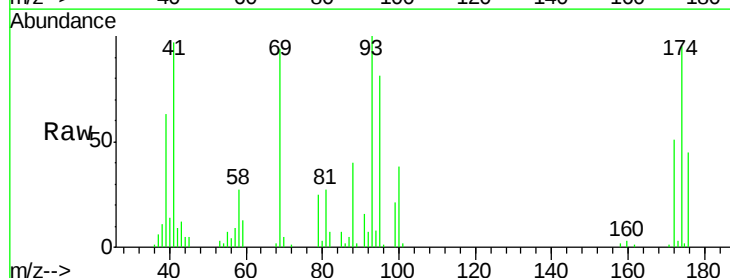
Manual Integrations
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#46
 Dibromomethane
 Concen: 18.756 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN062066.D
 Acq: 24 Jun 2020 16:36

Tgt Ion: 93 Resp: 41978
 Ion Ratio Lower Upper
 93 100
 95 81.5 67.0 100.6
 174 92.2 74.4 111.6





#47

Bromodichloromethane

Concen: 18.412 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

Instrument :

MSVOA_N

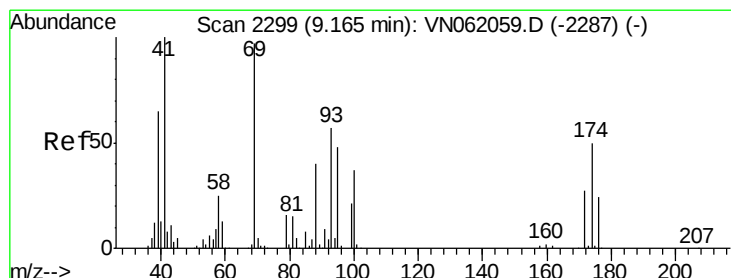
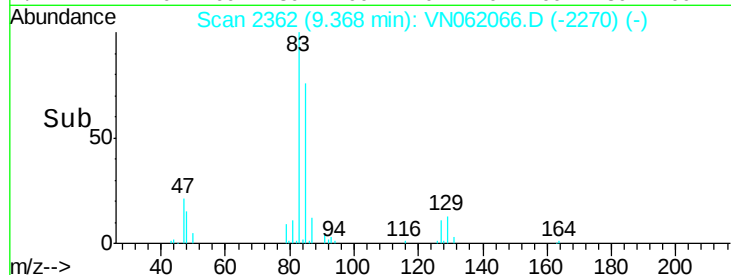
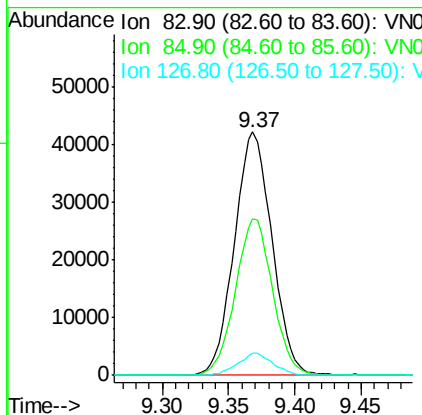
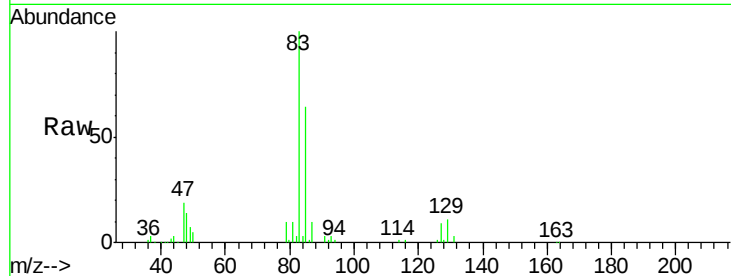
ClientSampleId :

VN0624WBSD01

Tot Ion:	83	Resp:	83205
Ion Ratio	Lower	Upper	
83	100		
85	64.4	50.3	75.5
127	9.1	6.9	10.3

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#48

Methyl methacrylate

Concen: 18.338 ug/l

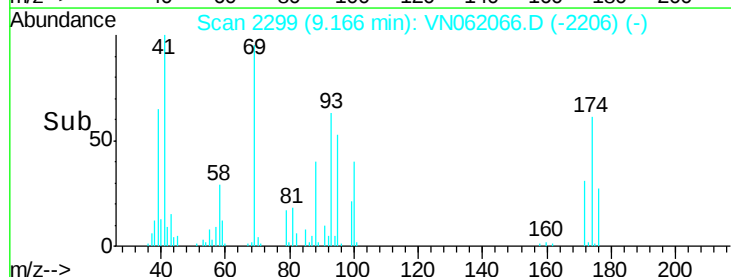
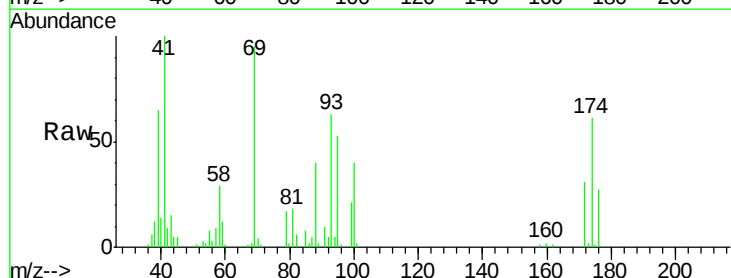
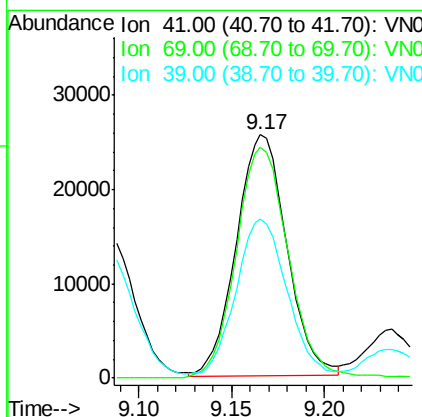
RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

Tgt Ion:	41	Resp:	48724
Ion Ratio	Lower	Upper	
41	100		
69	98.8	80.7	121.1
39	63.7	54.5	81.7





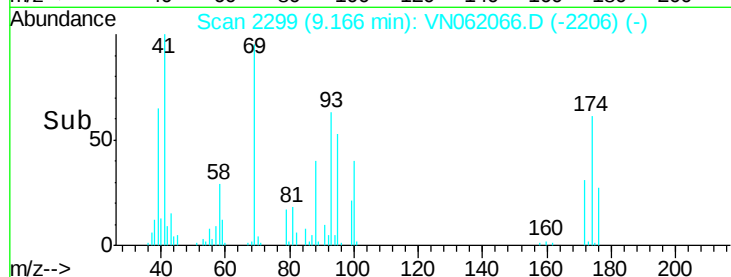
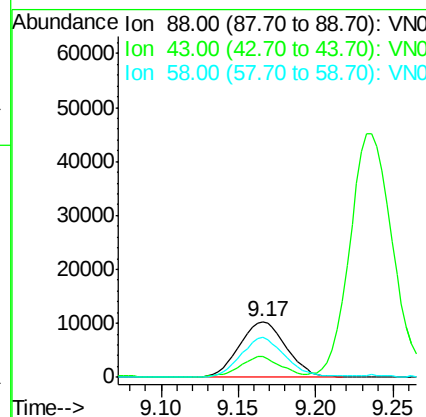
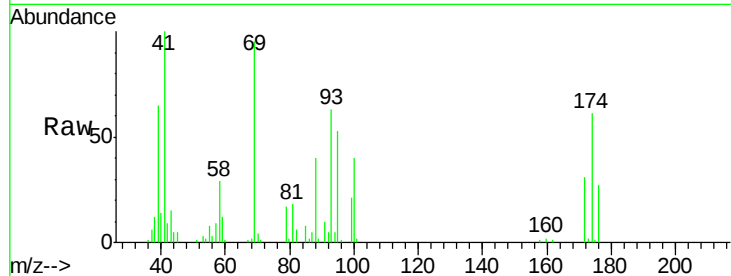
#49
1,4-Dioxane
Concen: 371.336 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN062066.D
Acq: 24 Jun 2020 16:36

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.5	22.0	33.0#
58	67.7	49.2	73.8

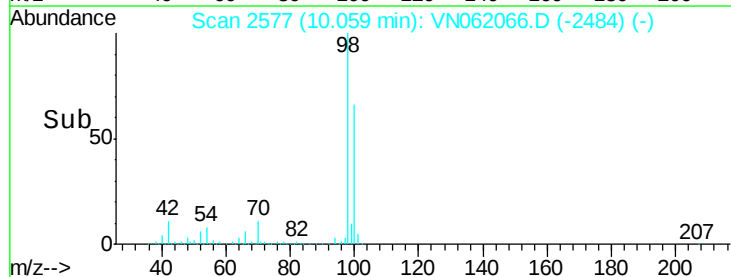
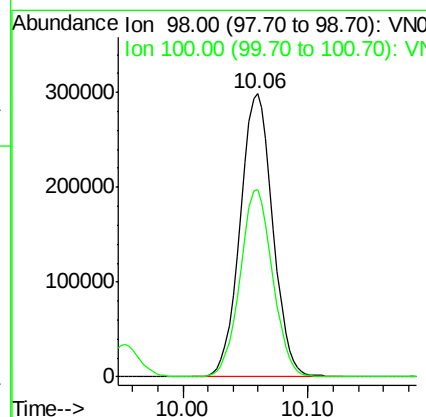
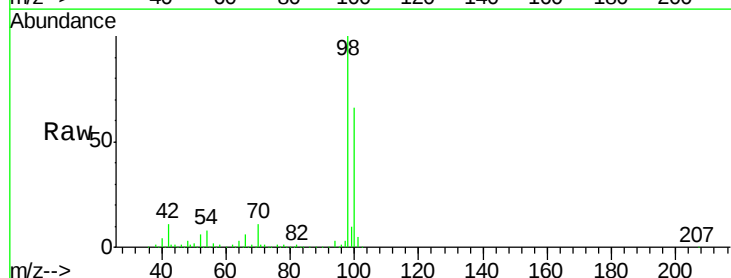
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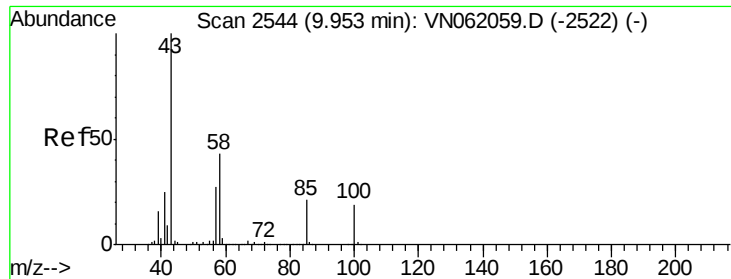
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#50
Toluene-d8
Concen: 48.243 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062066.D
Acq: 24 Jun 2020 16:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 94.794 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBSD01

Tot Ion: 43 Resp: 328202

Ion Ratio Lower Upper

43 100

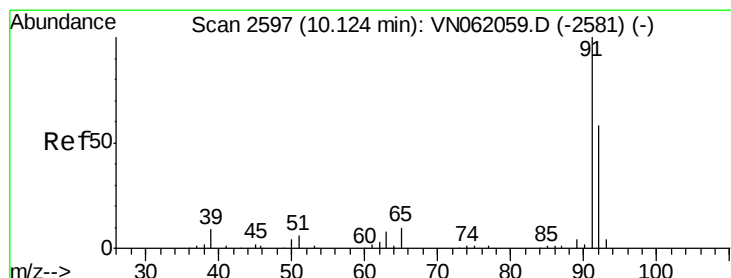
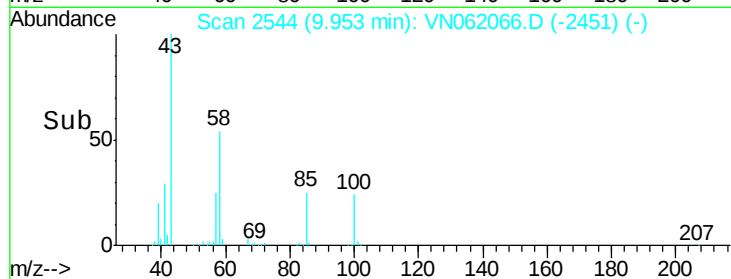
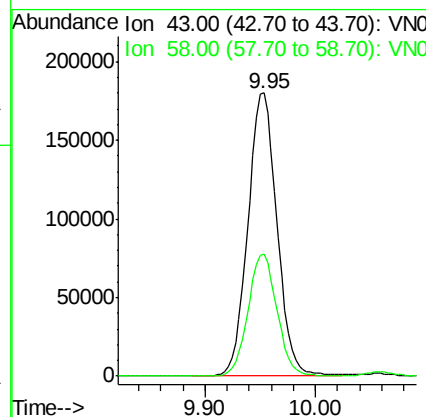
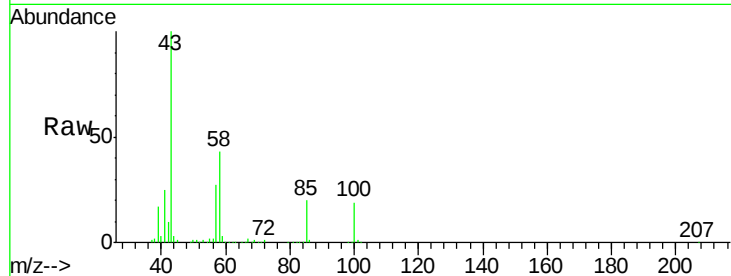
58 42.9 34.2 51.2

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#52

Toluene

Concen: 18.419 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN062066.D

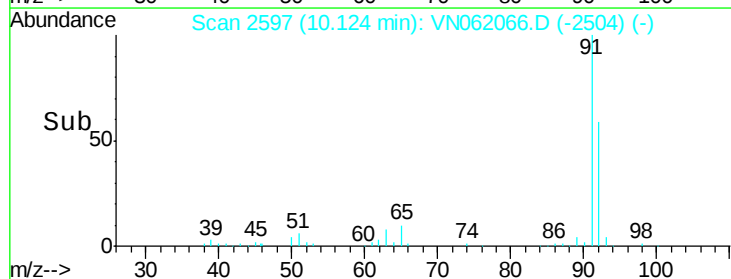
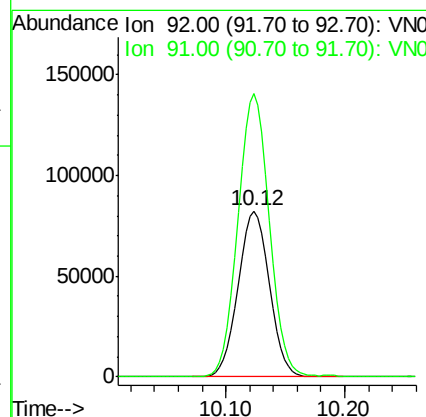
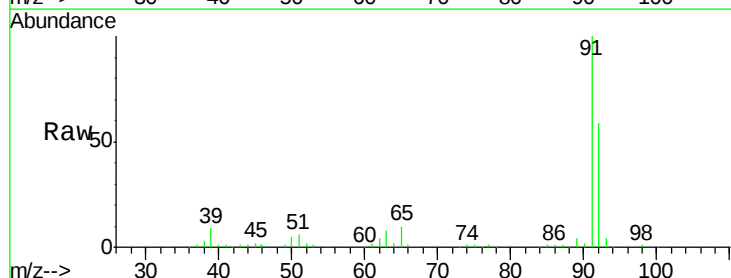
Acq: 24 Jun 2020 16:36

Tgt Ion: 92 Resp: 150374

Ion Ratio Lower Upper

92 100

91 170.8 137.4 206.0





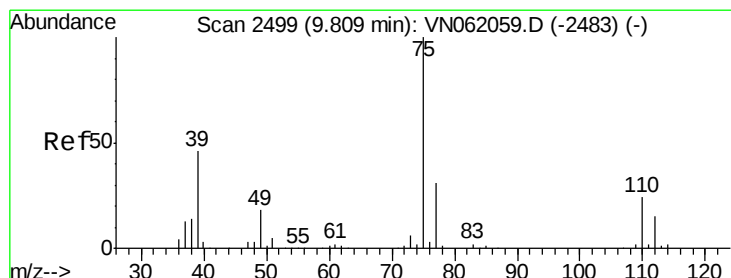
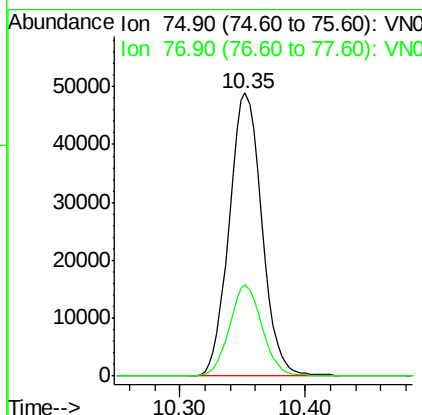
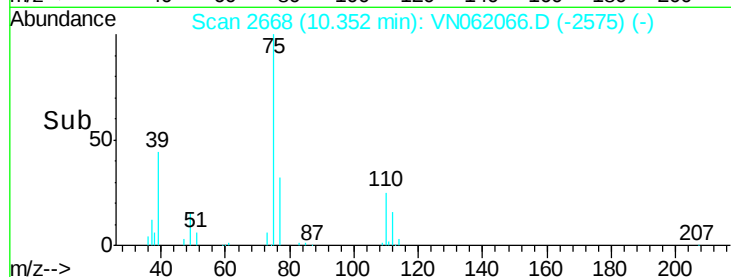
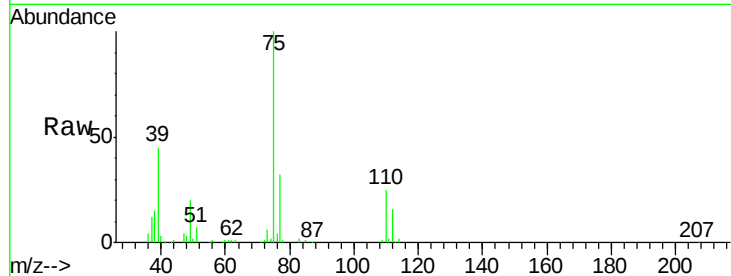
#53
t-1,3-Dichloropropene
Concen: 17.828 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. 0.00 min
Lab File: VN062066.D
Acq: 24 Jun 2020 16:36

Instrument :
MSVOA_N
ClientSampled :
VN0624WBSD01

Tot Ion: 75 Resp: 88640
Ion Ratio Lower Upper
75 100
77 32.2 25.5 38.3

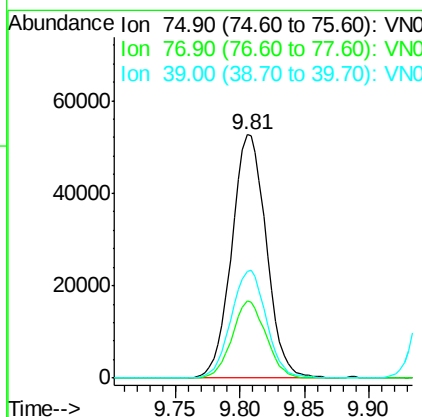
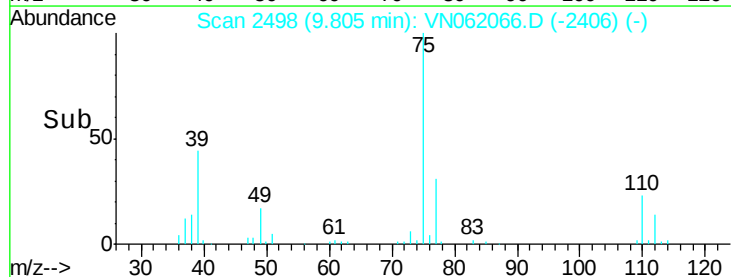
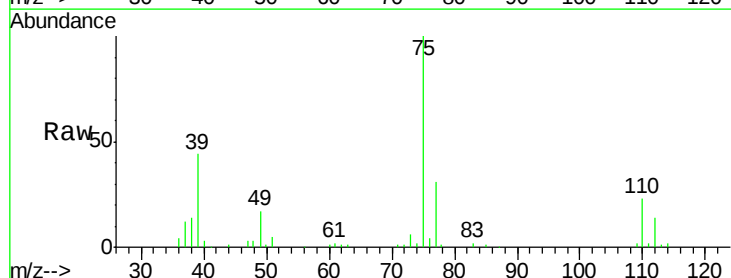
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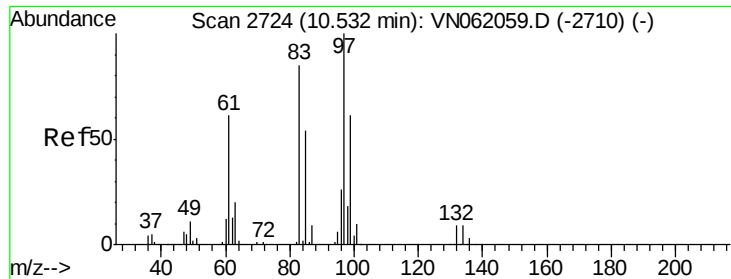
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#54
cis-1,3-Dichloropropene
Concen: 18.554 ug/l
RT: 9.81 min Scan# 2498
Delta R.T. -0.00 min
Lab File: VN062066.D
Acq: 24 Jun 2020 16:36

Tgt Ion: 75 Resp: 98208
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.6
39 43.7 36.9 55.3





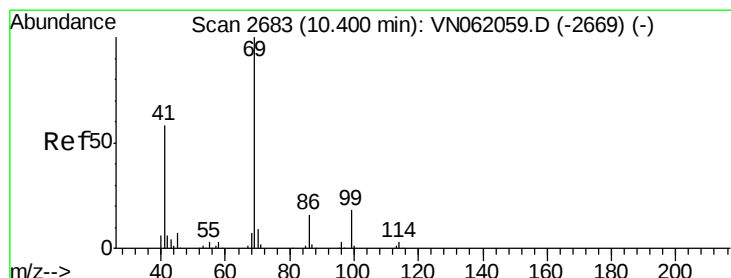
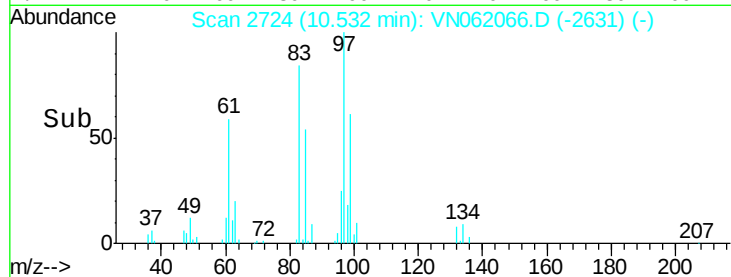
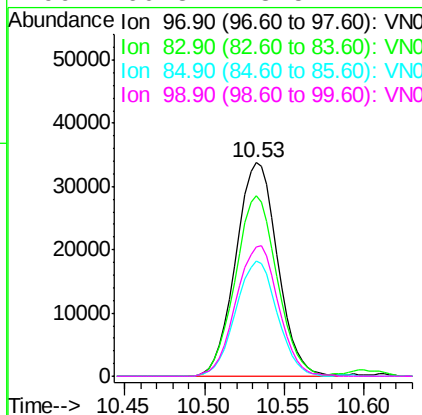
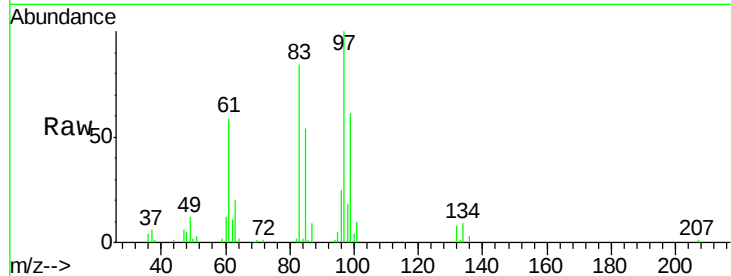
#55
 1,1,2-Trichloroethane
 Concen: 18.810 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. 0.00 min
 Lab File: VN062066.D
 Acq: 24 Jun 2020 16:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBSD01

Tot Ion:	97	Resp:	60367
Ion	Ratio	Lower	Upper
97	100		
83	84.4	68.2	102.2
85	53.7	43.2	64.8
99	60.8	48.5	72.7

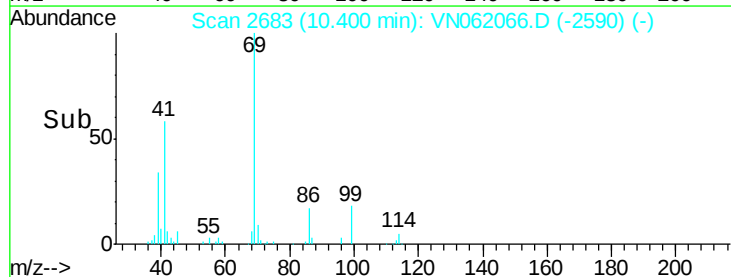
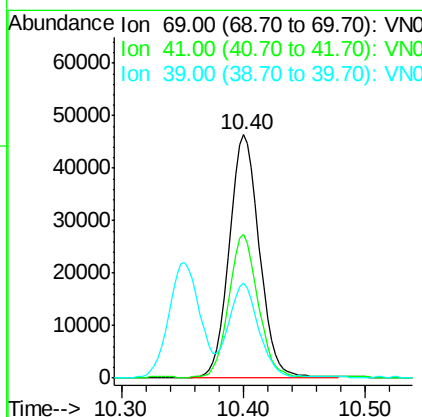
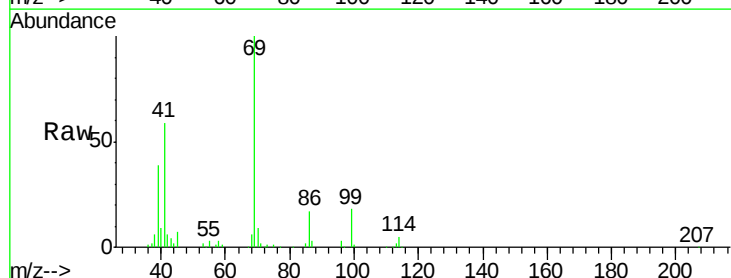
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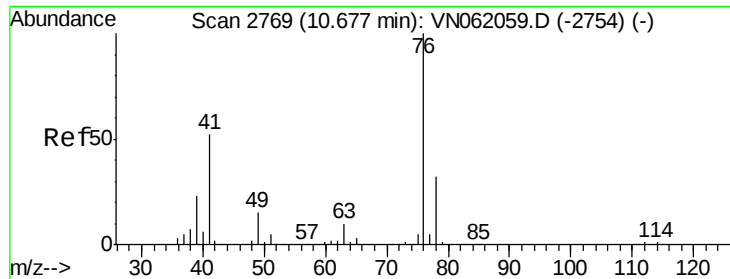
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#56
 Ethyl methacrylate
 Concen: 18.722 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062066.D
 Acq: 24 Jun 2020 16:36

Tgt Ion:	69	Resp:	80182
Ion	Ratio	Lower	Upper
69	100		
41	56.6	46.6	70.0
39	38.0	31.0	46.4





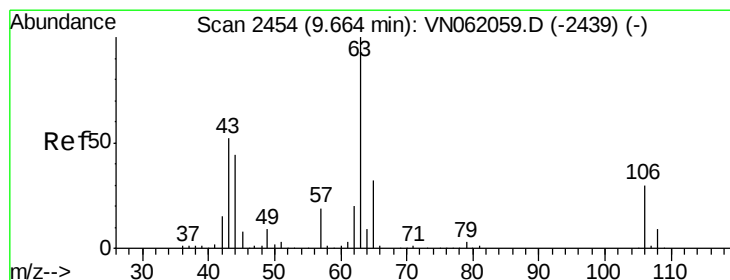
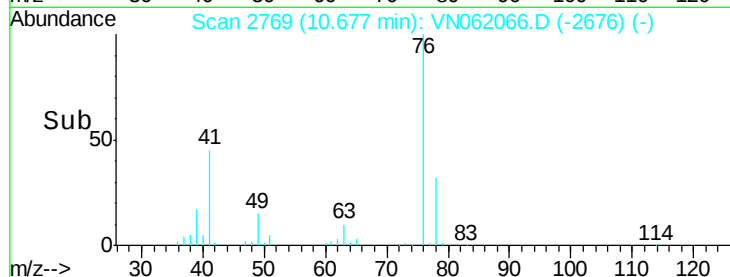
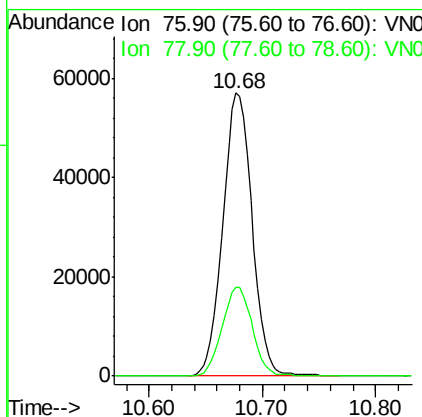
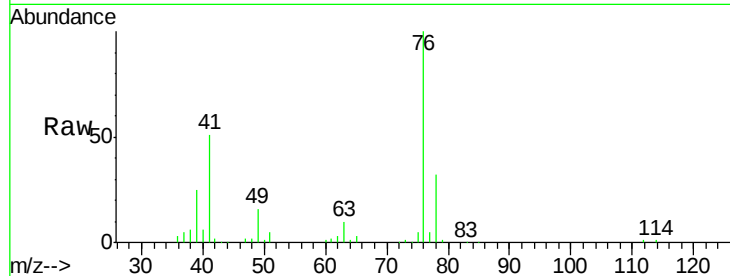
#57
 1,3-Dichloropropane
 Concen: 18.615 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. 0.00 min
 Lab File: VN062066.D
 Acq: 24 Jun 2020 16:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBSD01

Tot Ion: 76 Resp: 102828
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.8

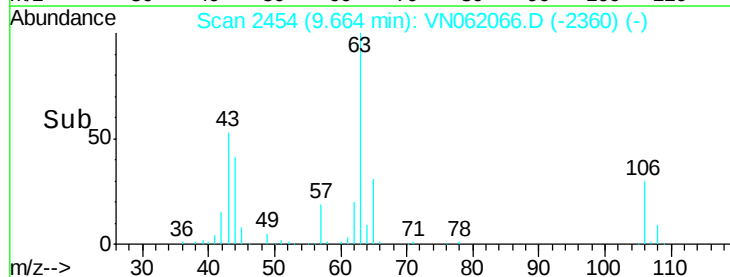
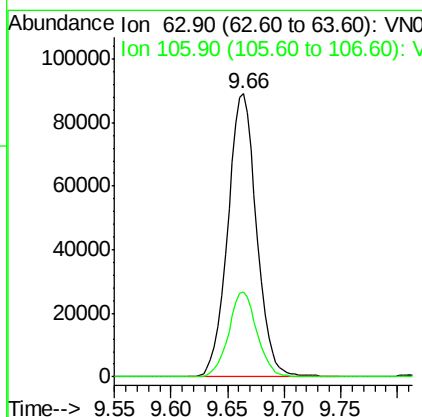
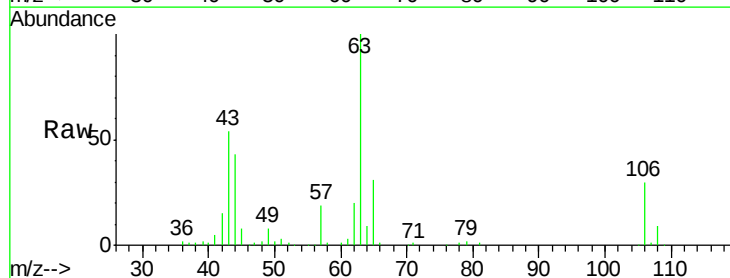
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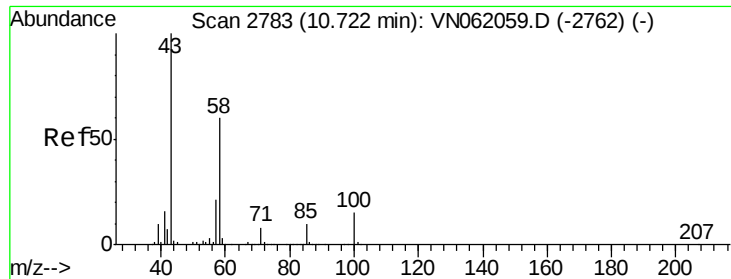
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#58
 2-Chloroethyl Vinyl ether
 Concen: 96.974 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062066.D
 Acq: 24 Jun 2020 16:36

Tgt Ion: 63 Resp: 157619
 Ion Ratio Lower Upper
 63 100
 106 29.3 23.2 34.8





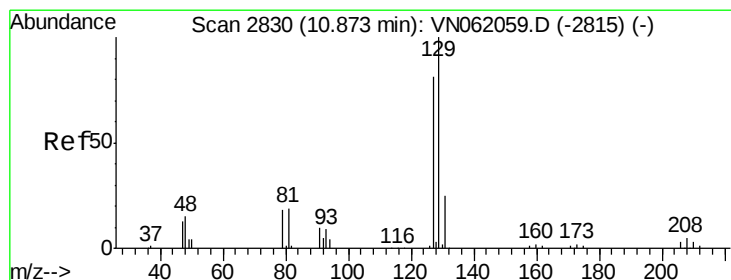
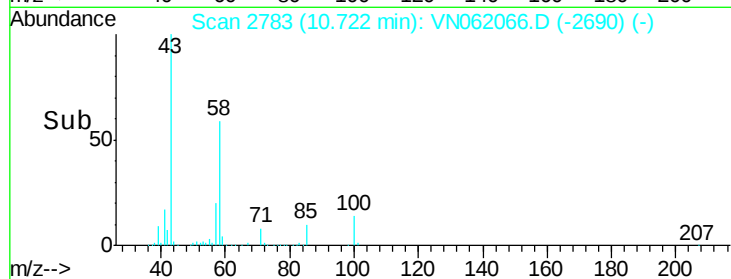
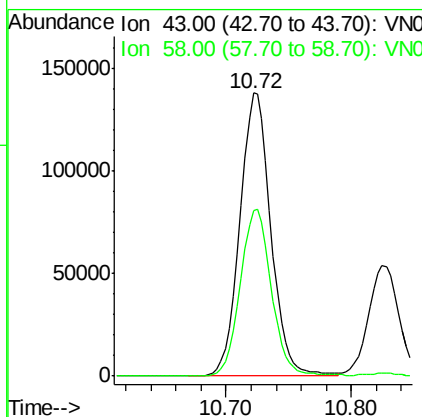
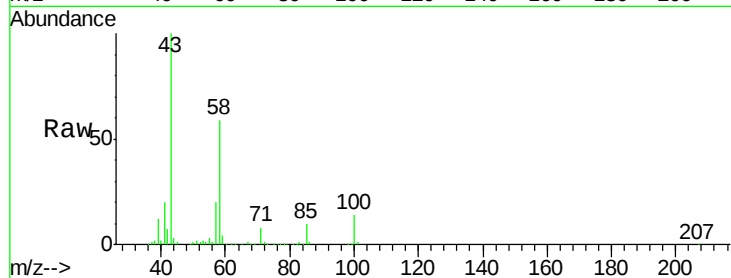
#59
2-Hexanone
Concen: 95.118 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062066.D
Acq: 24 Jun 2020 16:36

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01

Tot Ion	43	Resp	237804
Ion Ratio	100	Lower	Upper
43	100		
58	59.3	29.5	88.5

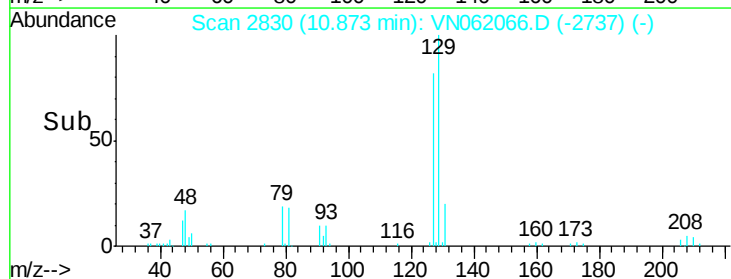
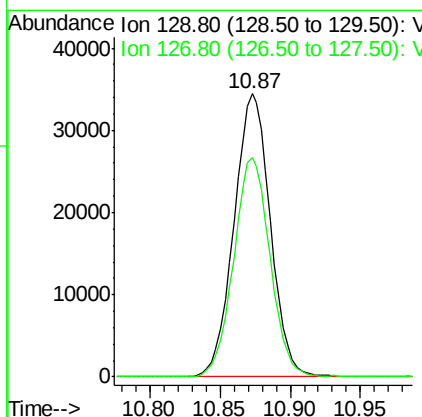
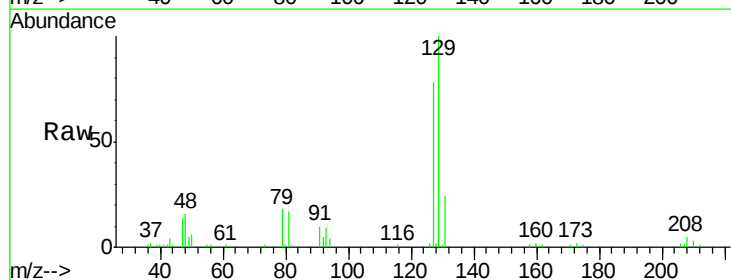
Manual Integrations
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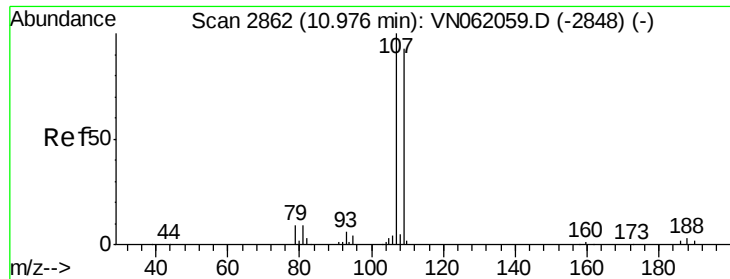
MMDadoda
6/25/2020 6:10:26 PM



#60
Dibromochloromethane
Concen: 18.289 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN062066.D
Acq: 24 Jun 2020 16:36

Tgt Ion	129	Resp	62142
Ion Ratio	100	Lower	Upper
129	100		
127	77.2	39.5	118.5





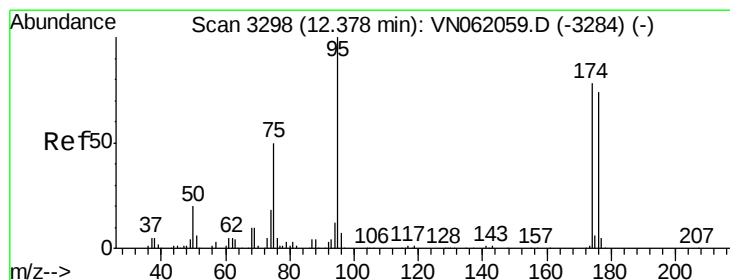
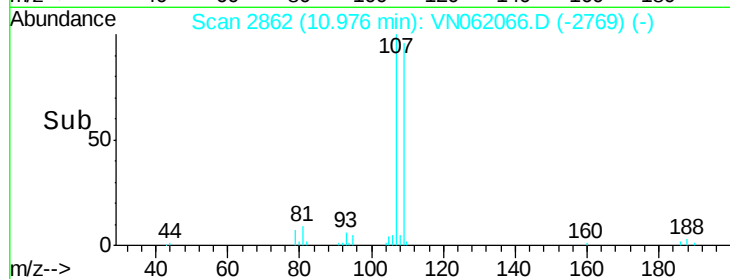
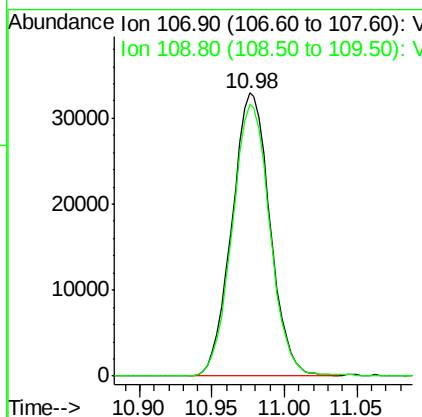
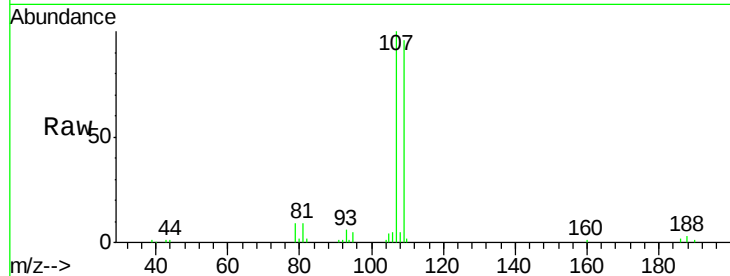
#61
 1,2-Dibromoethane
 Concen: 18.181 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: VN062066.D
 Acq: 24 Jun 2020 16:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.2	75.0	112.6

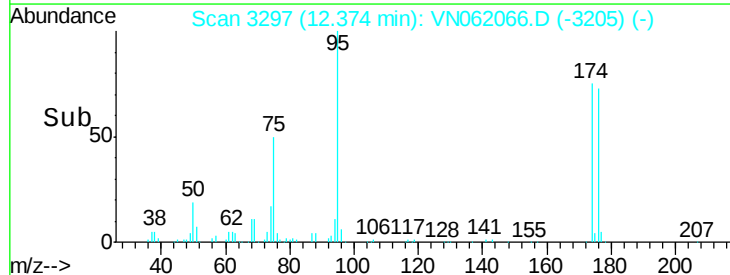
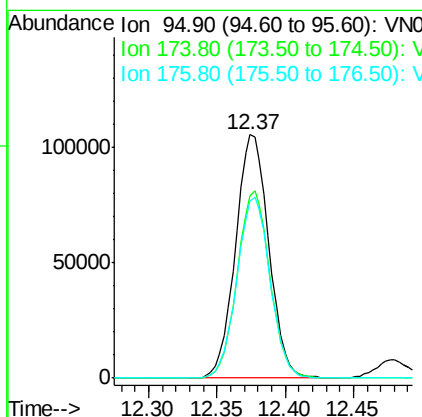
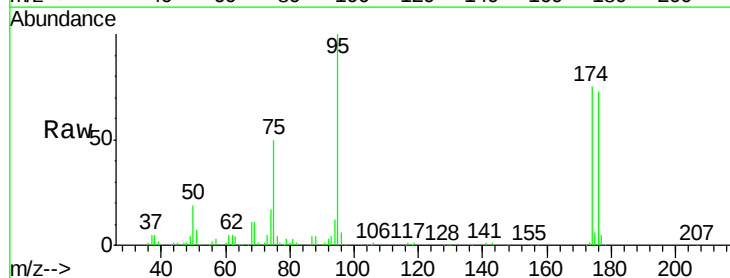
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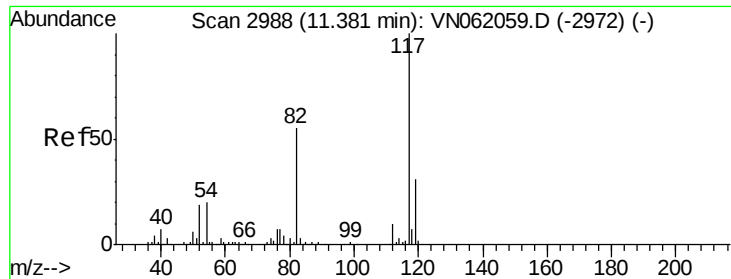
MMDadoda
 6/25/2020 6:10:26 PM



#62
 4-Bromofluorobenzene
 Concen: 47.175 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062066.D
 Acq: 24 Jun 2020 16:36

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.8	0.0	154.8
176	74.1	0.0	147.4





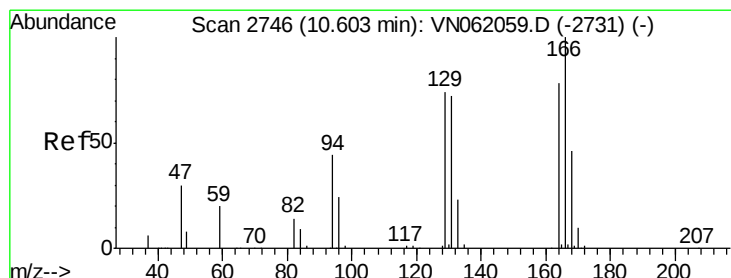
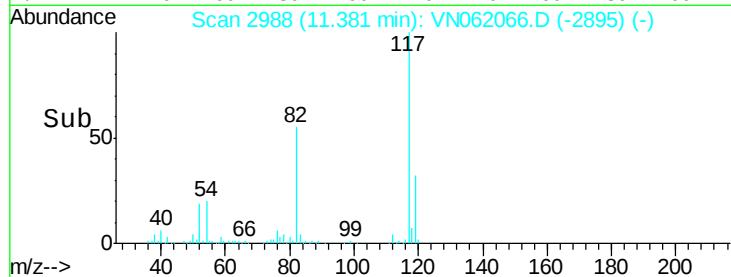
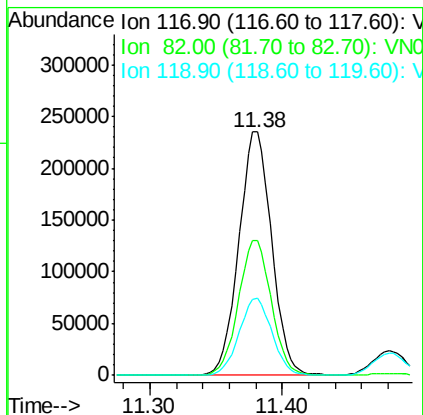
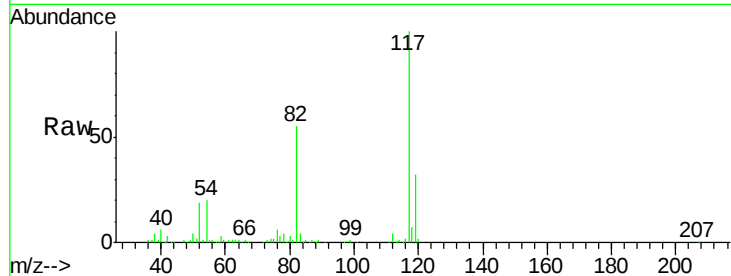
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062066.D
Acq: 24 Jun 2020 16:36

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.2	43.8	65.8
119	31.7	25.2	37.8

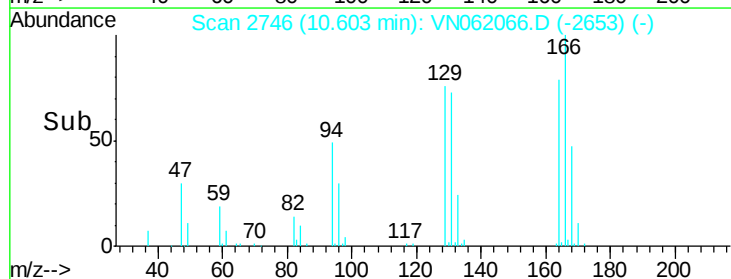
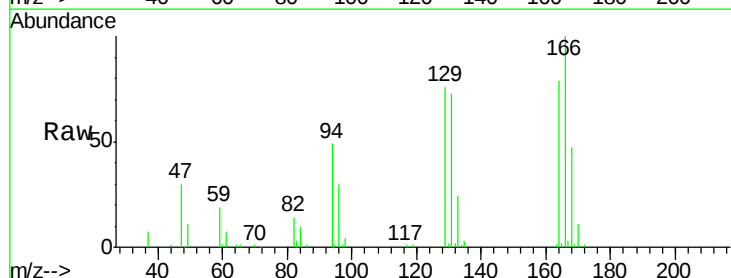
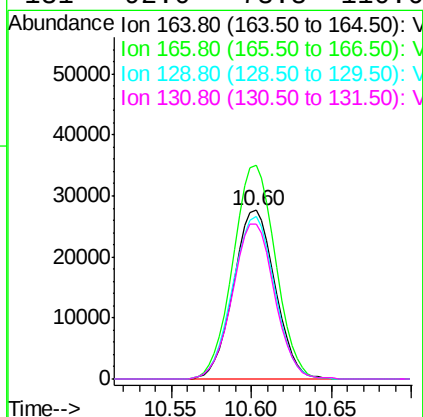
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#64
Tetrachloroethene
Concen: 17.791 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN062066.D
Acq: 24 Jun 2020 16:36

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.8	102.9	154.3
129	96.4	75.8	113.8
131	92.0	73.8	110.6





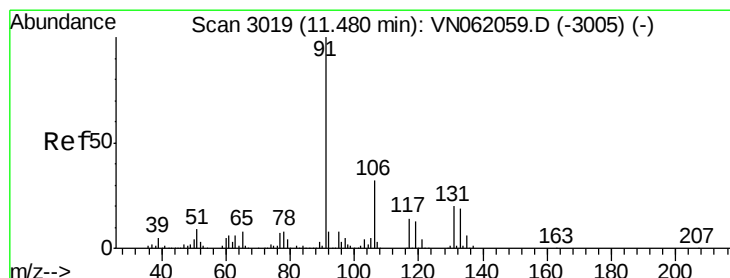
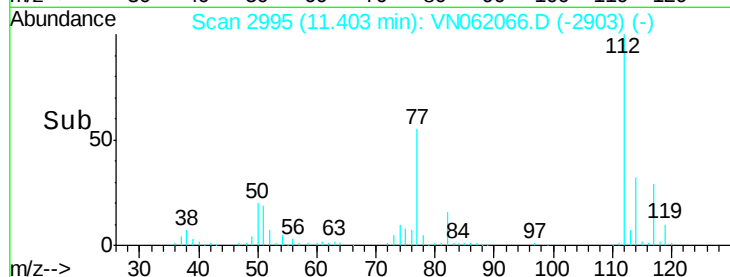
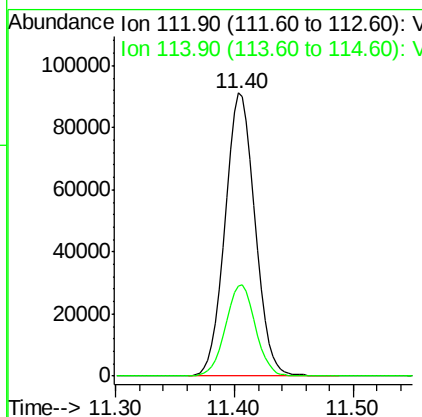
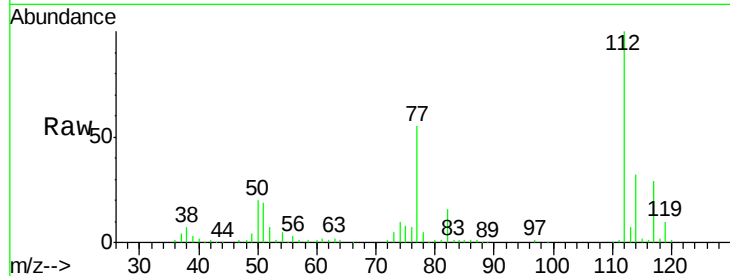
#65
Chlorobenzene
Concen: 17.936 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062066.D
Acq: 24 Jun 2020 16:36

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01

Tot Ion:112 Resp: 159170
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.8

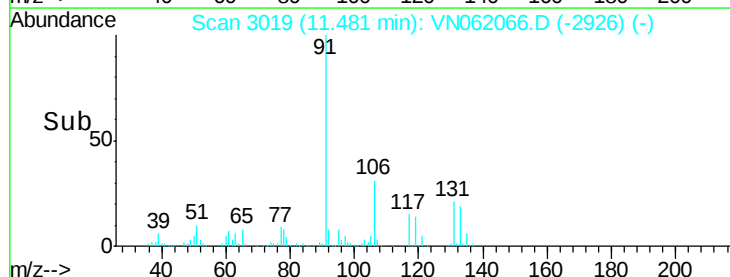
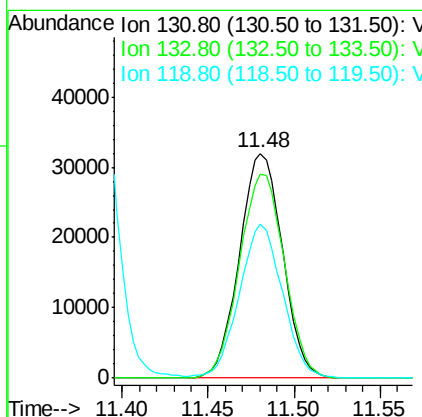
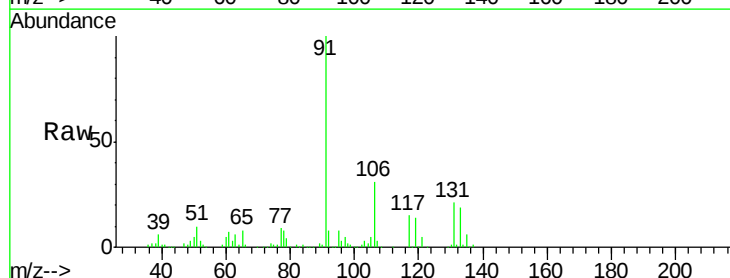
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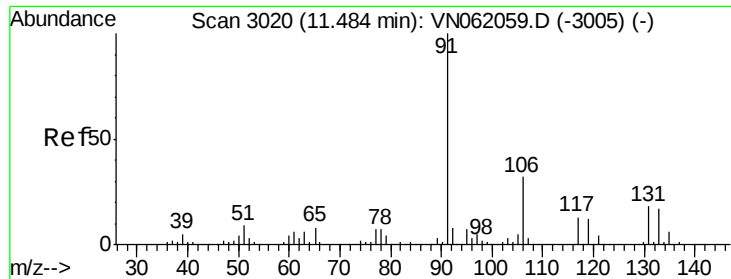
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.075 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. 0.00 min
Lab File: VN062066.D
Acq: 24 Jun 2020 16:36

Tgt Ion:131 Resp: 55464
Ion Ratio Lower Upper
131 100
133 94.6 47.6 142.9
119 68.9 34.4 103.3





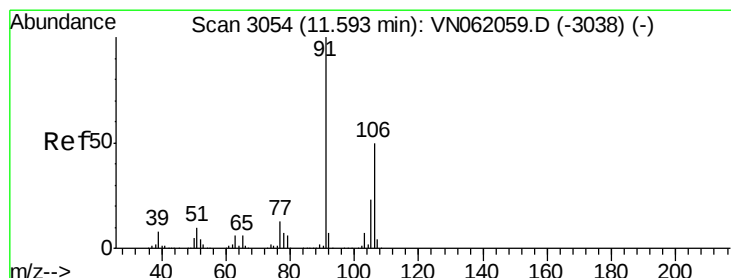
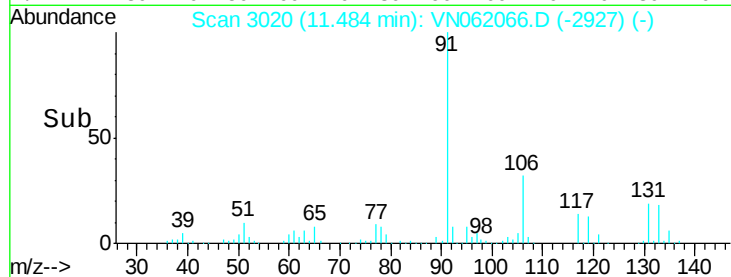
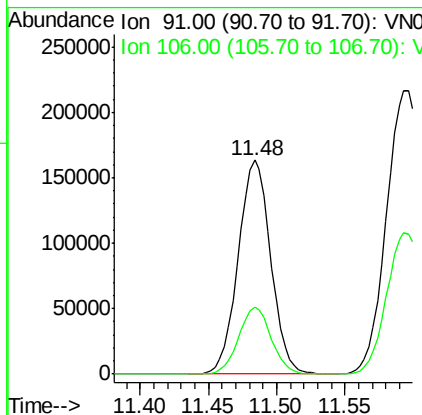
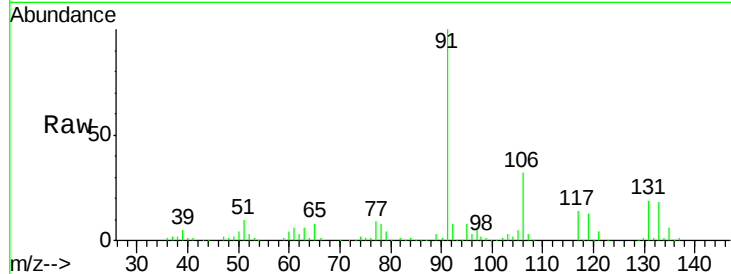
#67
Ethyl Benzene
Concen: 18.061 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062066.D
Acq: 24 Jun 2020 16:36

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01

Tot Ion: 91 Resp: 270692
Ion Ratio Lower Upper
91 100
106 31.5 25.3 37.9

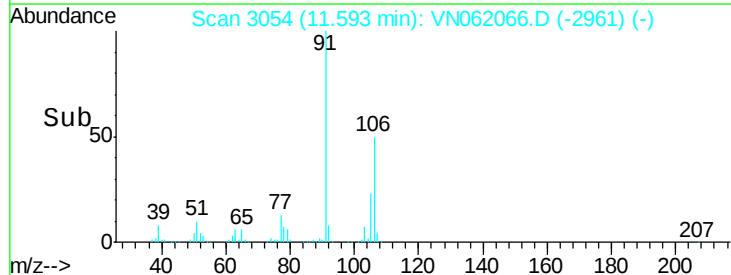
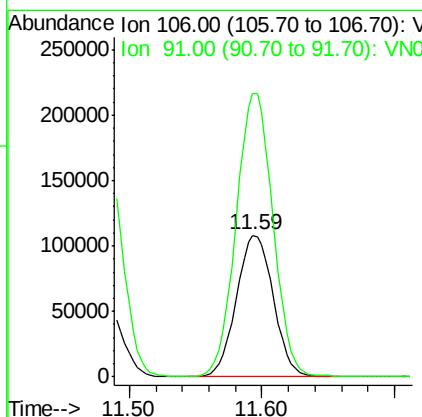
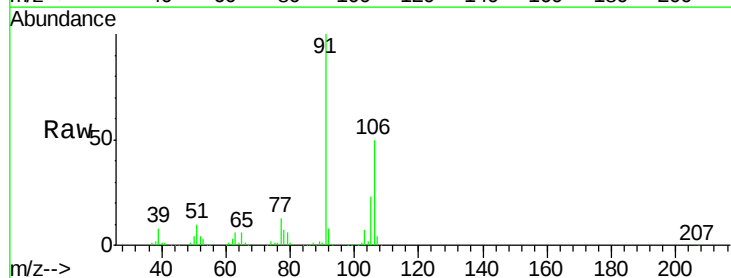
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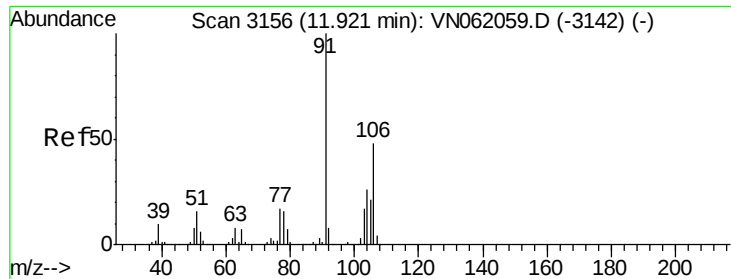
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#68
m/p-Xylenes
Concen: 36.037 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN062066.D
Acq: 24 Jun 2020 16:36

Tgt Ion: 106 Resp: 208904
Ion Ratio Lower Upper
106 100
91 199.6 157.8 236.8





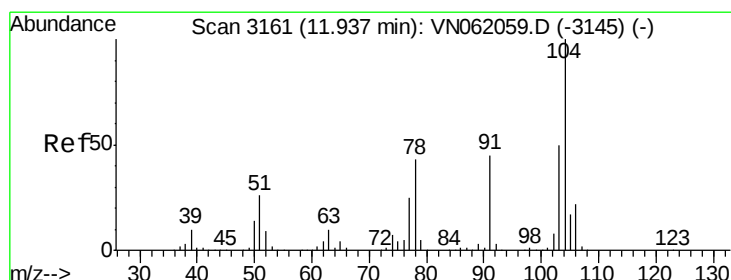
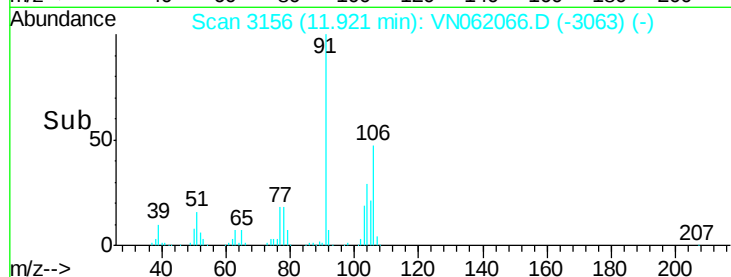
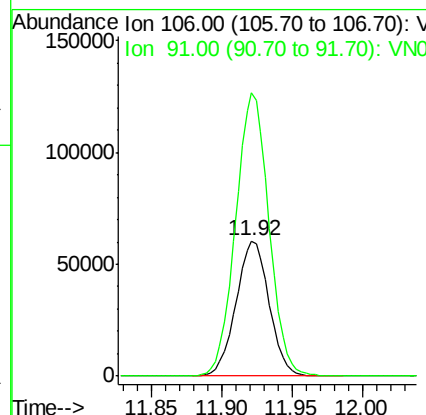
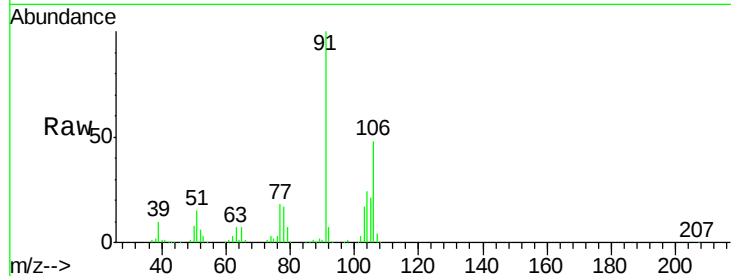
#69
o-Xylene
Concen: 18.144 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062066.D
Acq: 24 Jun 2020 16:36

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		99235		
91	210.7	104.0	311.9		

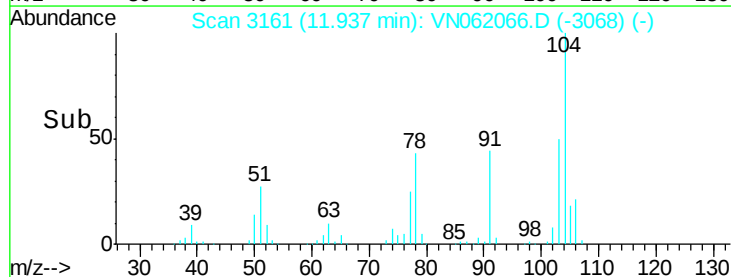
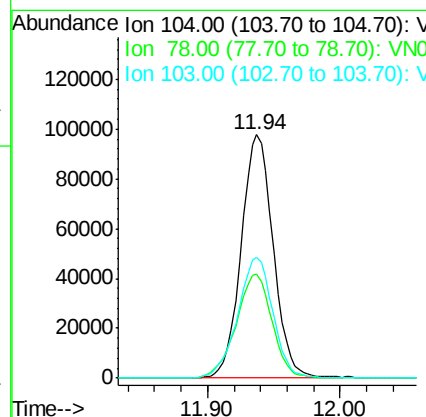
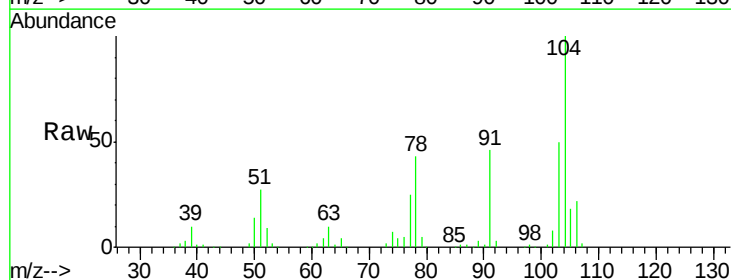
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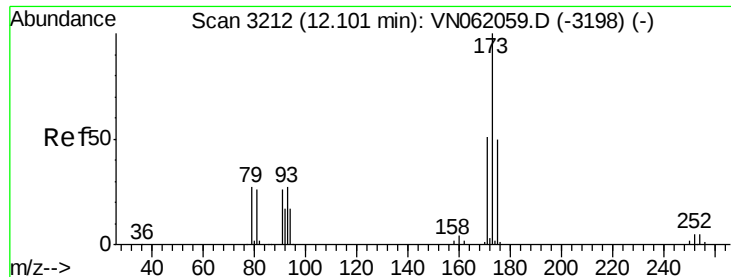
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#70
Styrene
Concen: 18.017 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062066.D
Acq: 24 Jun 2020 16:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		164343		
78	47.8	37.7	56.5		
103	54.6	43.0	64.6		





#71

Bromoform

Concen: 17.687 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBSD01

Tot Ion:173 Resp: 38588

Ion Ratio Lower Upper

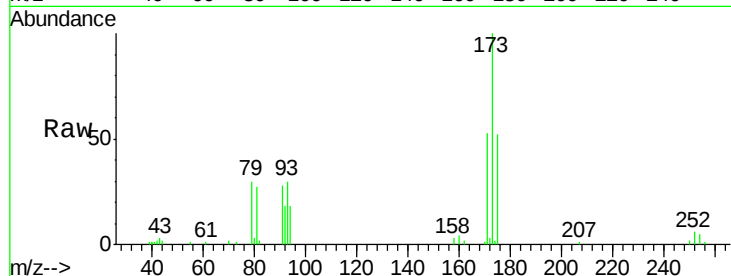
173 100

175 50.4 24.7 74.1

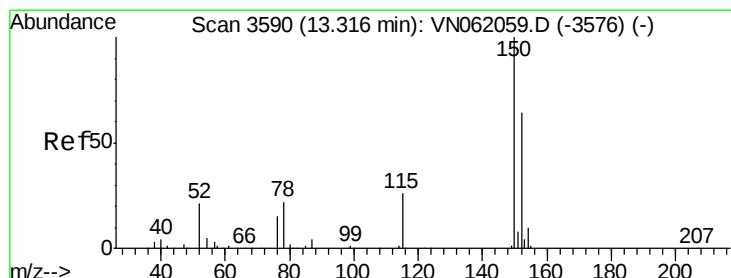
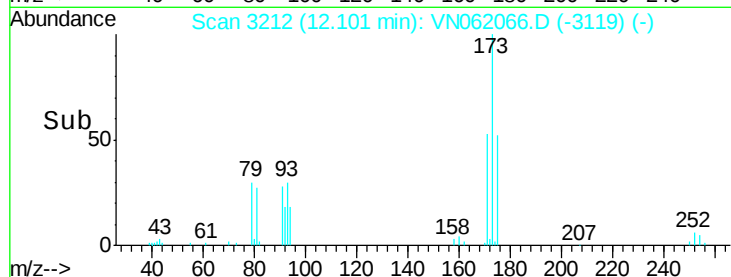
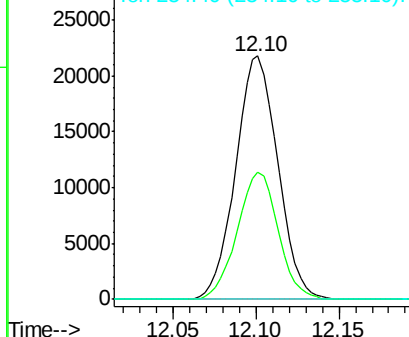
254 0.0 0.0 0.0

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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: VN062066.D

Acq: 24 Jun 2020 16:36

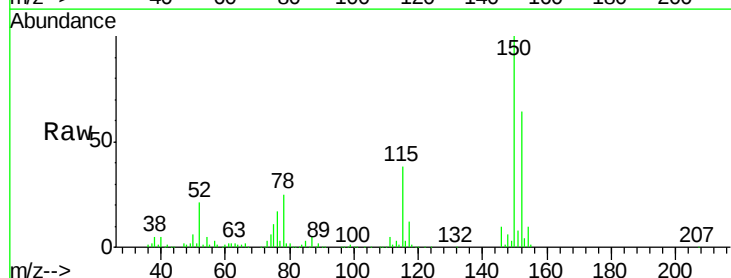
Tgt Ion:152 Resp: 179554

Ion Ratio Lower Upper

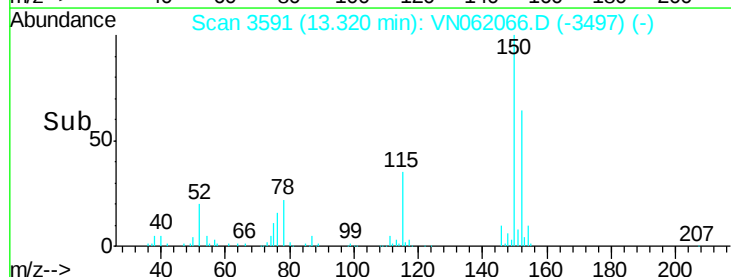
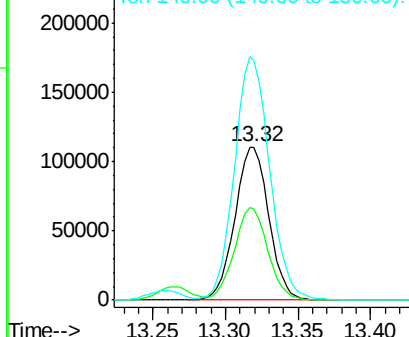
152 100

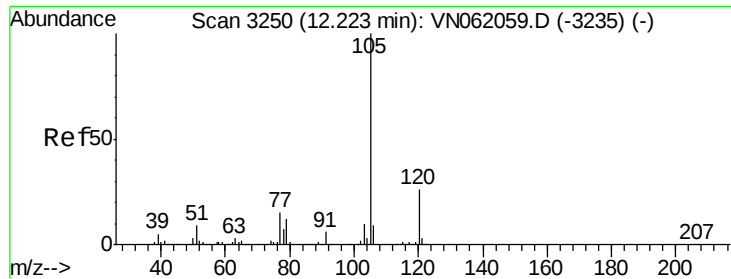
115 60.2 29.5 88.5

150 164.9 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: 18.816 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

Instrument :

MSVOA_N

ClientSampled :

VN0624WBSD01

Tot Ion: 105 Resp: 261526

Ion Ratio Lower Upper

105 100

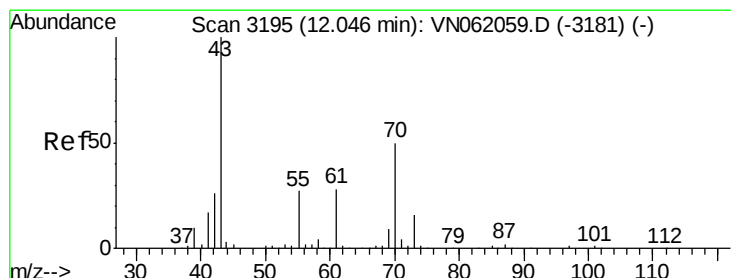
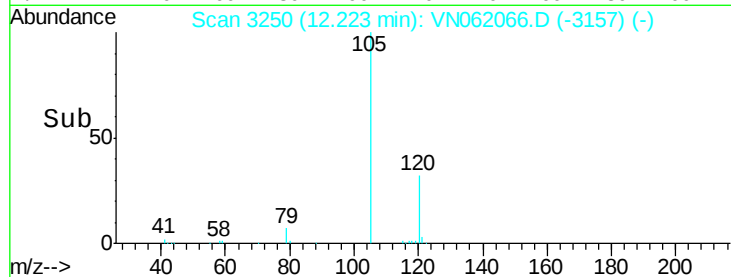
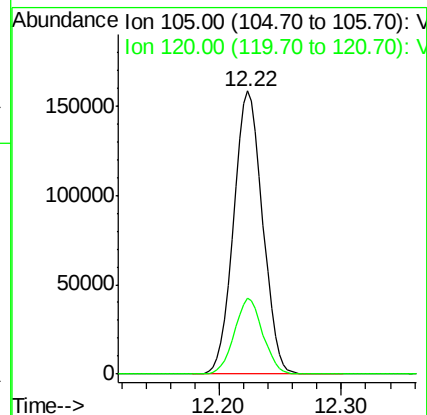
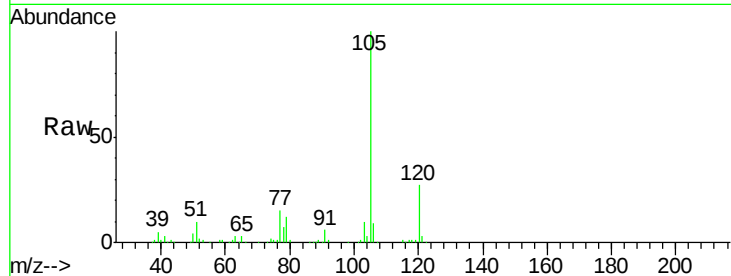
120 26.2 13.2 39.6

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#74

N-ethyl acetate

Concen: 18.777 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

Tgt Ion: 43 Resp: 84625

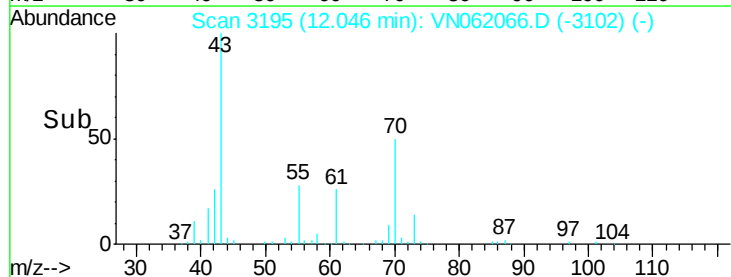
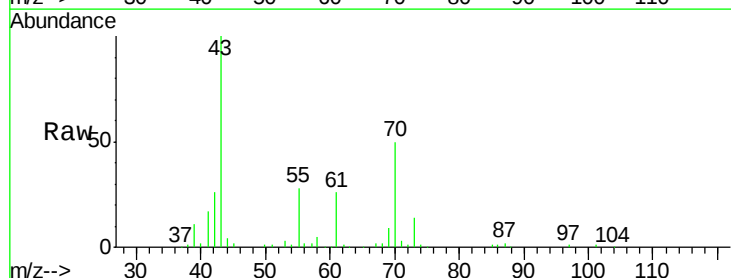
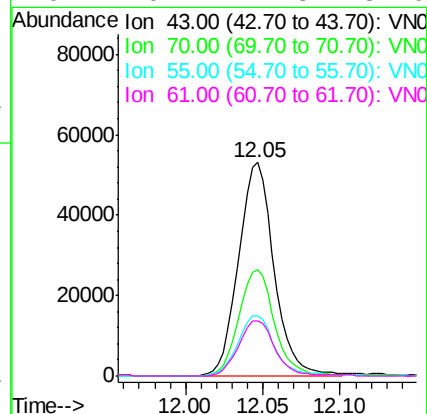
Ion Ratio Lower Upper

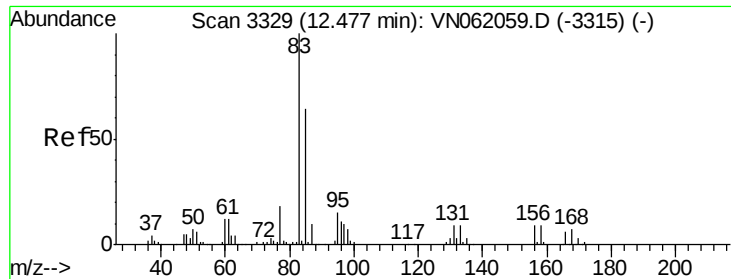
43 100

70 50.0 39.4 59.2

55 29.3 21.7 32.5

61 26.2 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 18.822 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

Instrument :

MSVOA_N

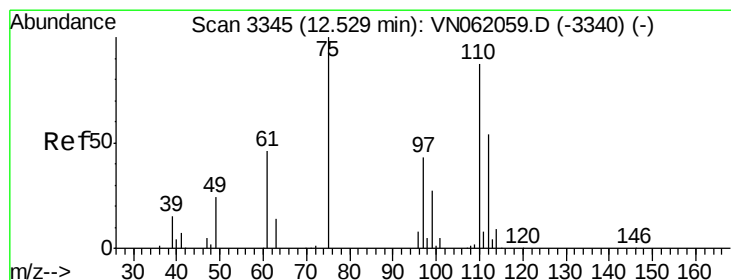
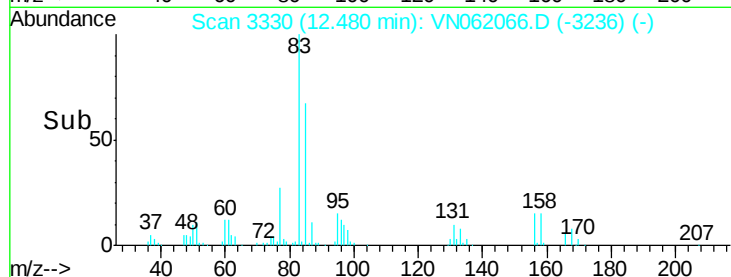
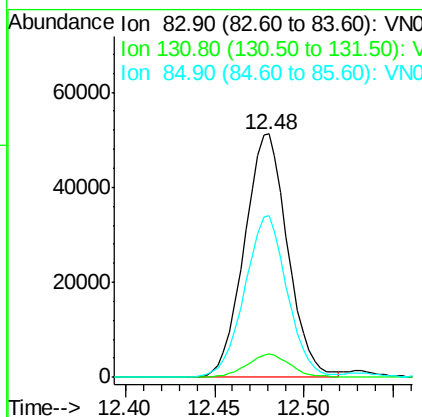
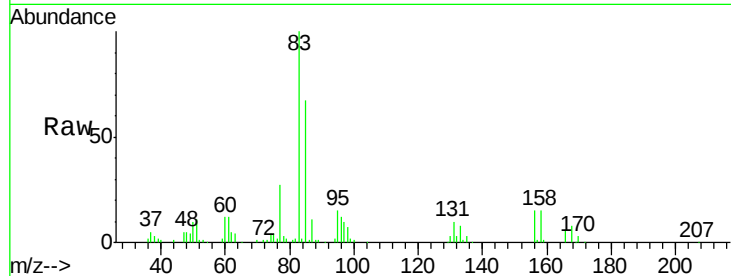
ClientSampleId :

VN0624WBSD01

Tot Ion:	83	Resp:	87058
Ion Ratio	Lower	Upper	
83	100		
131	9.4	4.8	14.4
85	65.1	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 18.489 ug/l m

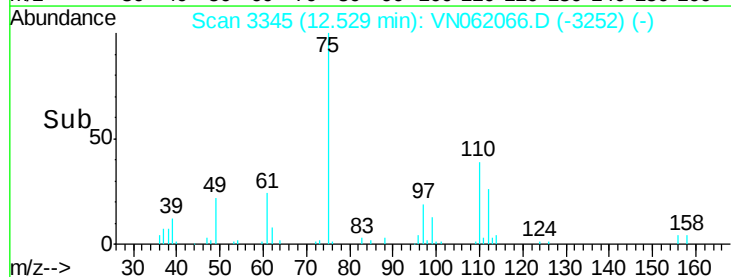
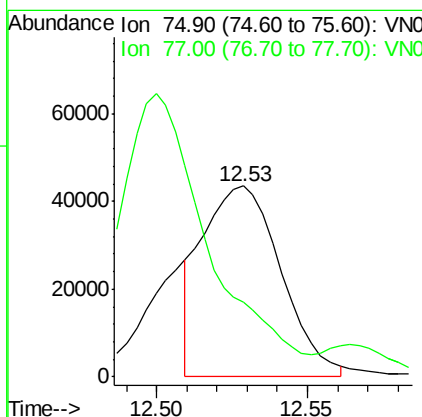
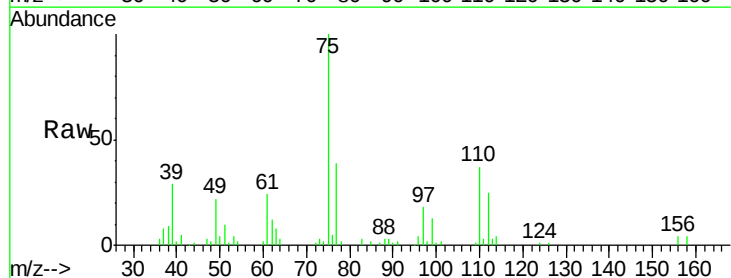
RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

Tgt Ion:	75	Resp:	78152
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.291 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

Instrument :

MSVOA_N

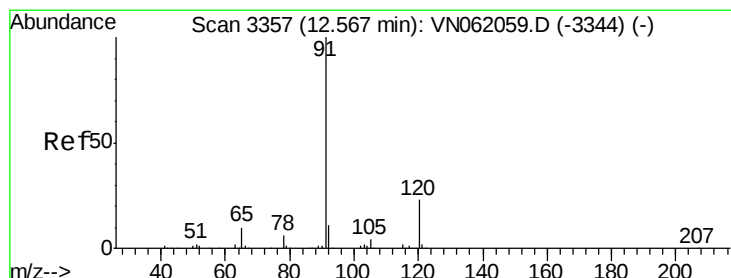
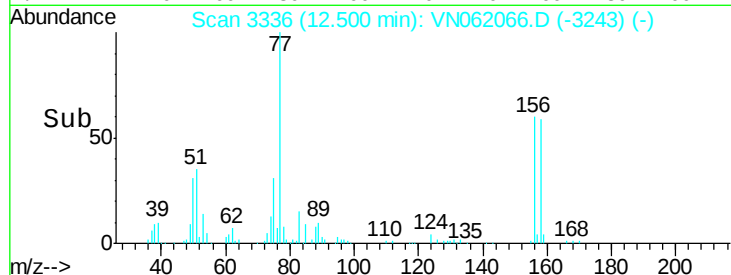
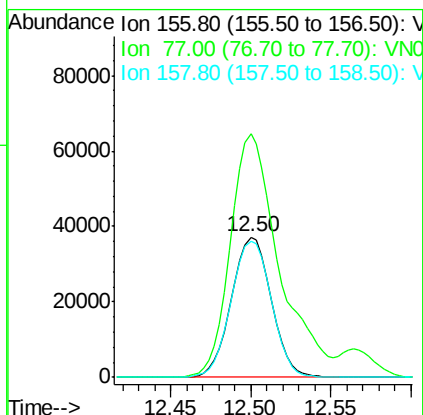
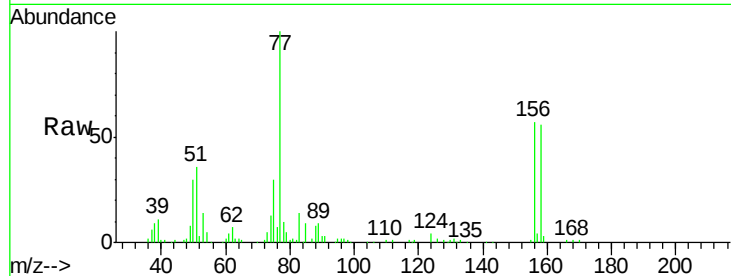
ClientSampleId :

VN0624WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	213.2	104.6	313.8
158	98.4	48.0	144.0

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#78

n-propylbenzene

Concen: 18.555 ug/l

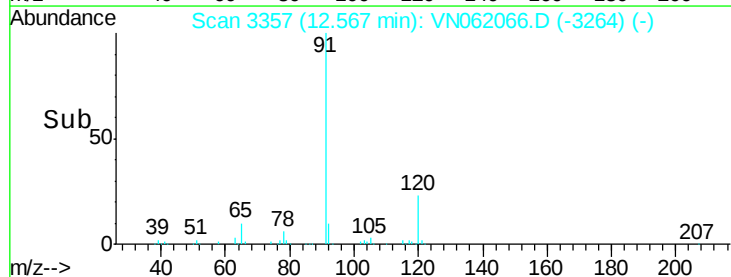
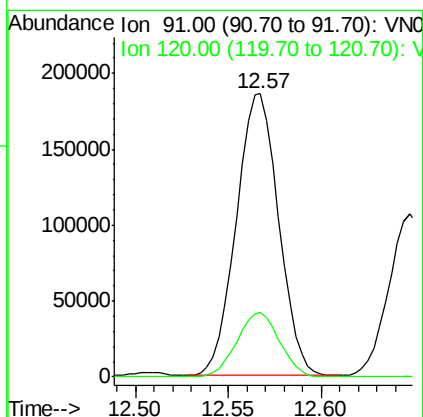
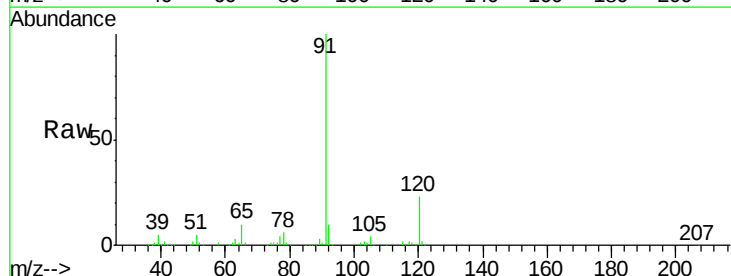
RT: 12.57 min Scan# 3357

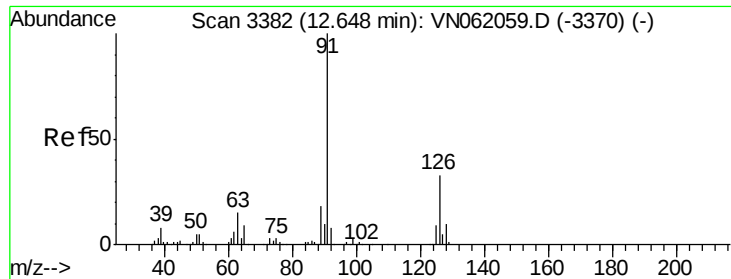
Delta R.T. 0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.4	34.1





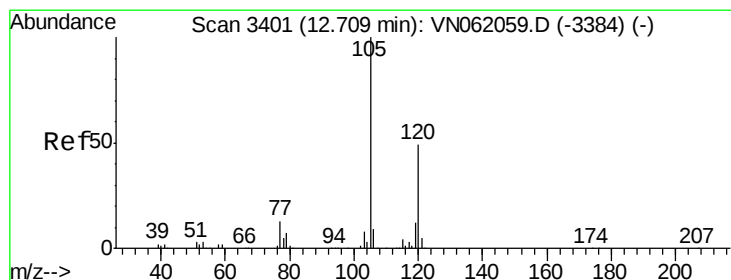
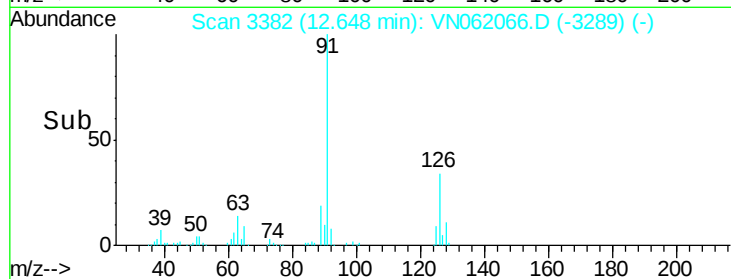
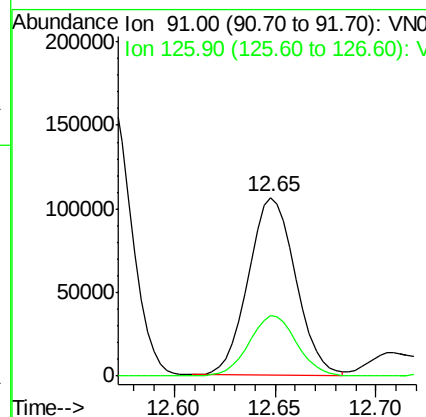
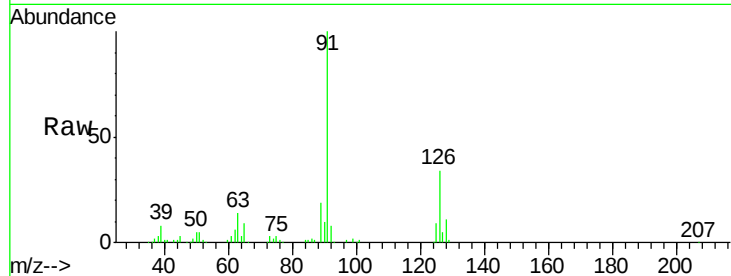
#79
 2-Chlorotoluene
 Concen: 18.103 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. 0.00 min
 Lab File: VN062066.D
 Acq: 24 Jun 2020 16:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBSD01

Tot Ion: 91 Resp: 173996
 Ion Ratio Lower Upper
 91 100
 126 34.8 16.9 50.7

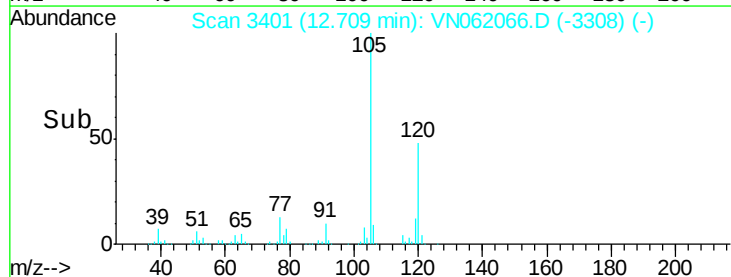
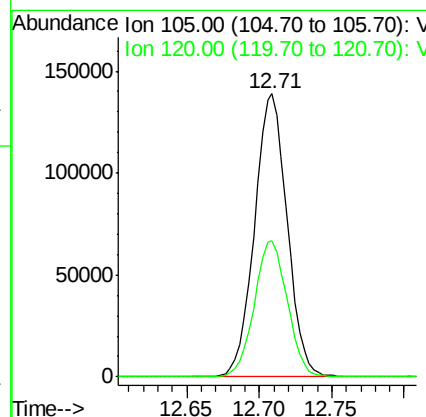
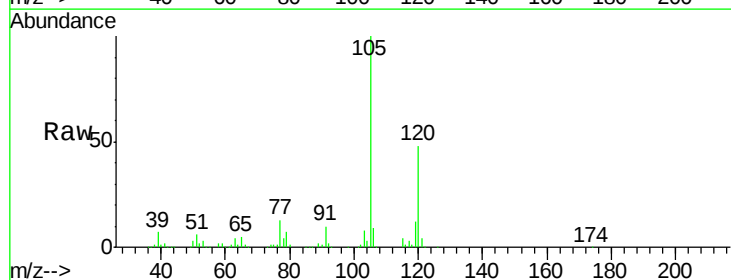
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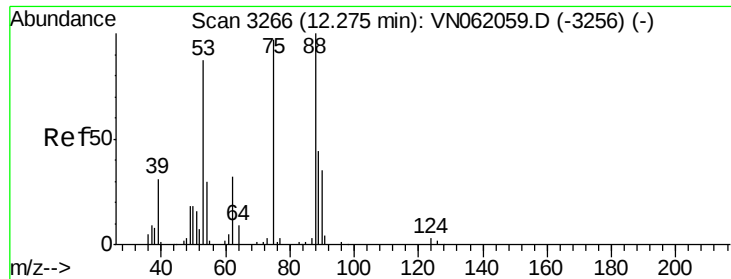
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#80
 1,3,5-Trimethylbenzene
 Concen: 19.335 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN062066.D
 Acq: 24 Jun 2020 16:36

Tgt Ion: 105 Resp: 217850
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.091 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBSD01

Tot Ion: 75 Resp: 27632

Ion Ratio Lower Upper

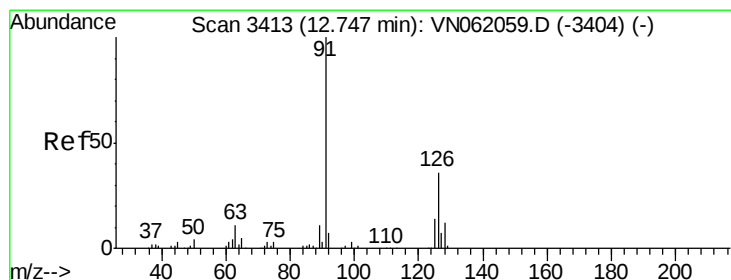
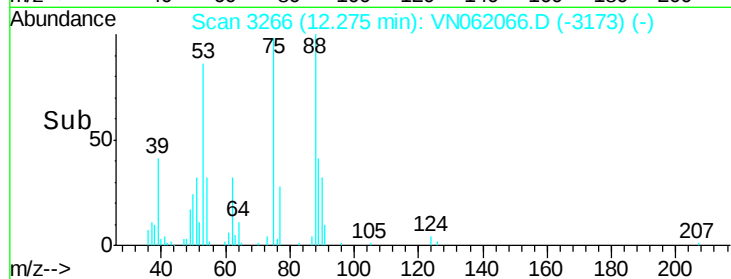
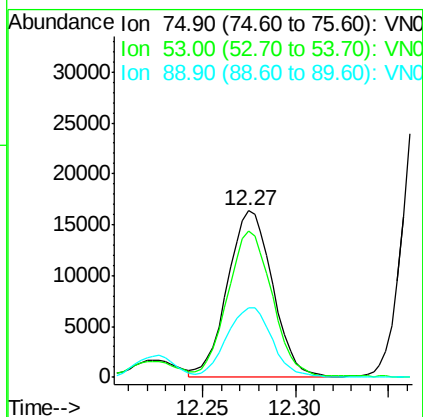
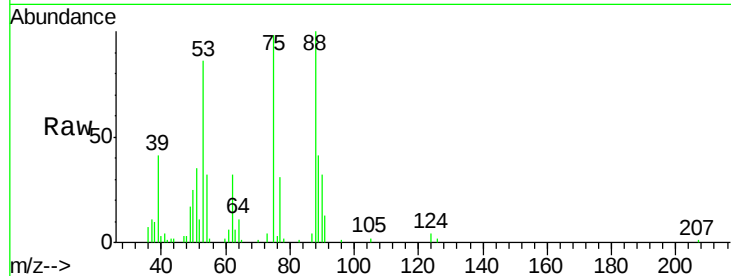
75 100

53 84.8 72.0 108.0

89 42.4 36.9 55.3

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#82

4-Chlorotoluene

Concen: 18.574 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN062066.D

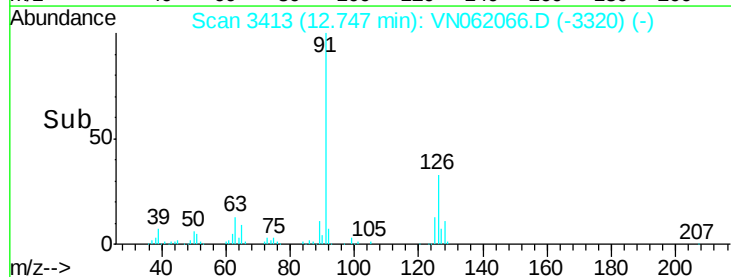
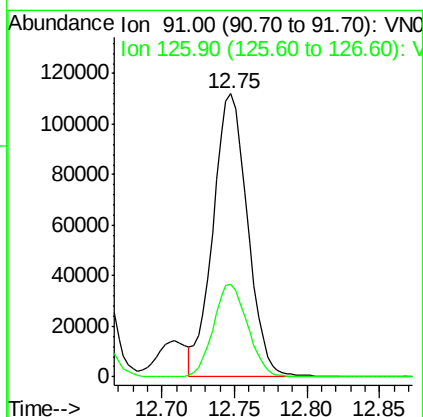
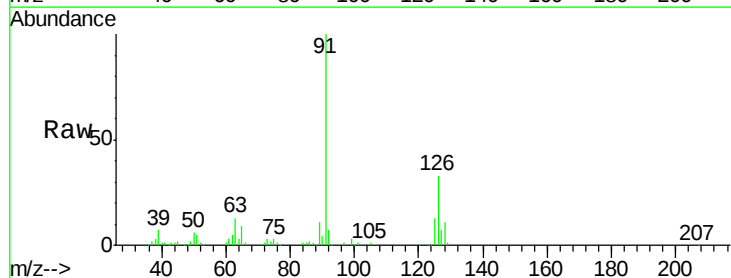
Acq: 24 Jun 2020 16:36

Tgt Ion: 91 Resp: 184608

Ion Ratio Lower Upper

91 100

126 32.8 16.7 50.1





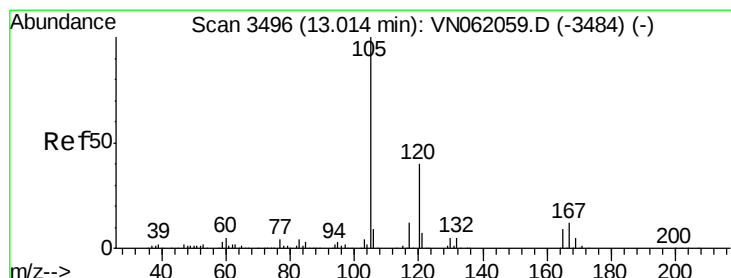
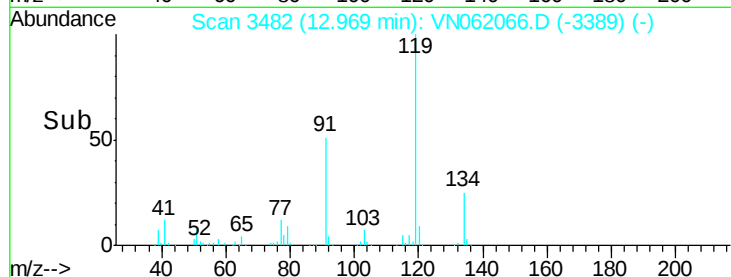
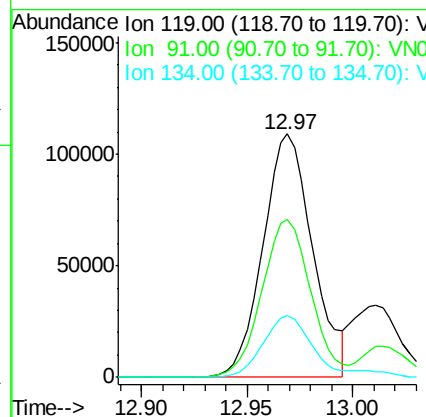
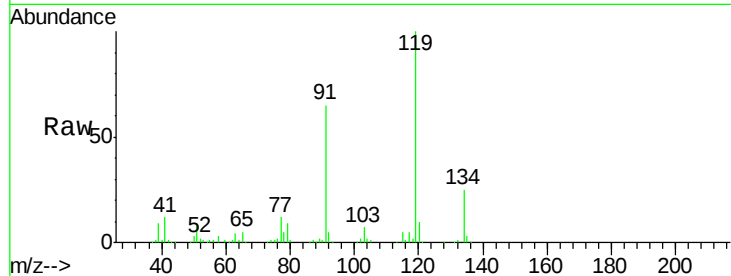
#83
tert-Butylbenzene
Concen: 18.553 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN062066.D
Acq: 24 Jun 2020 16:36

Instrument :
MSVOA_N
ClientSampled :
VN0624WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	178899		
91	64.0	31.7	95.1	
134	24.8	13.1	39.1	

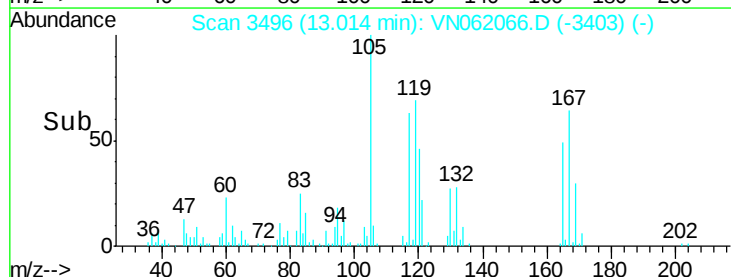
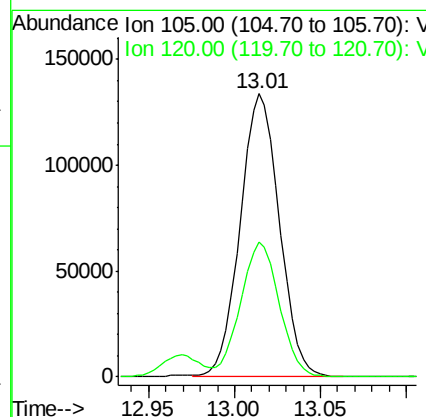
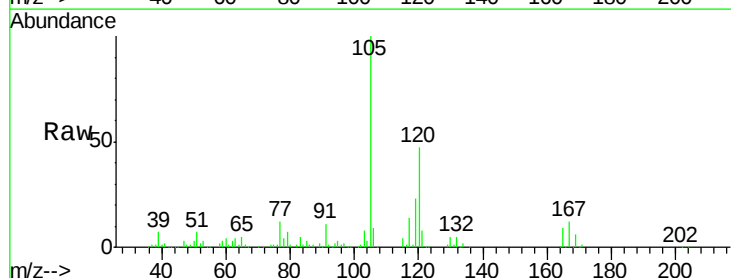
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#84
1,2,4-Trimethylbenzene
Concen: 18.677 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN062066.D
Acq: 24 Jun 2020 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	210170		
120	47.3	23.2	69.5	





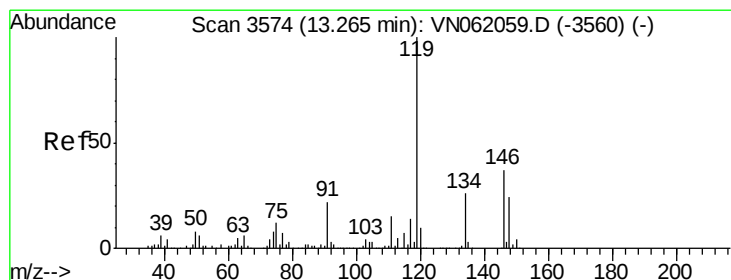
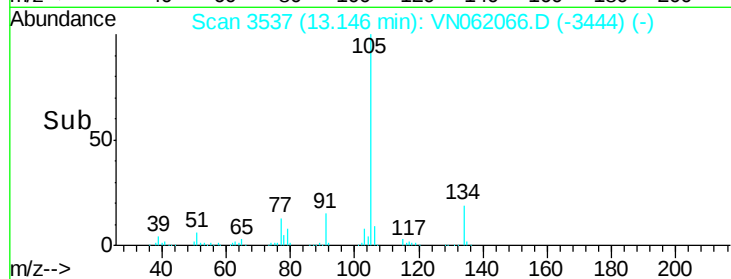
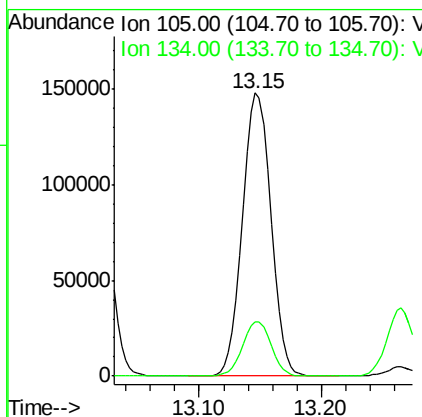
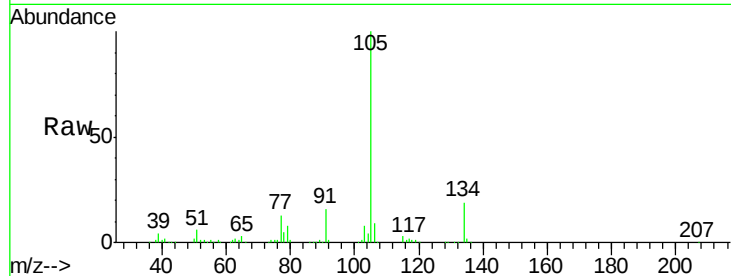
#85
 sec-Butylbenzene
 Concen: 18.684 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. 0.00 min
 Lab File: VN062066.D
 Acq: 24 Jun 2020 16:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.2	9.7	29.1

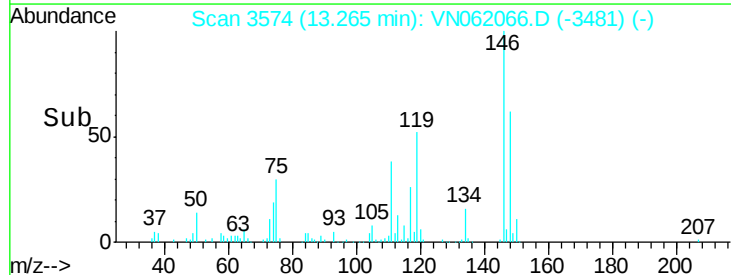
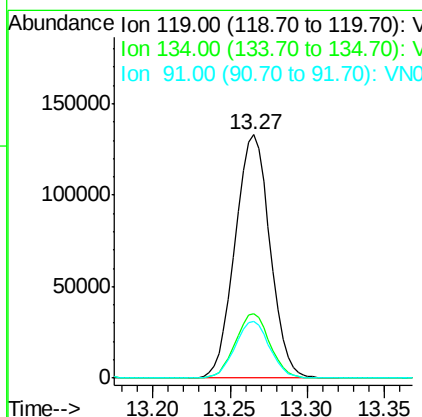
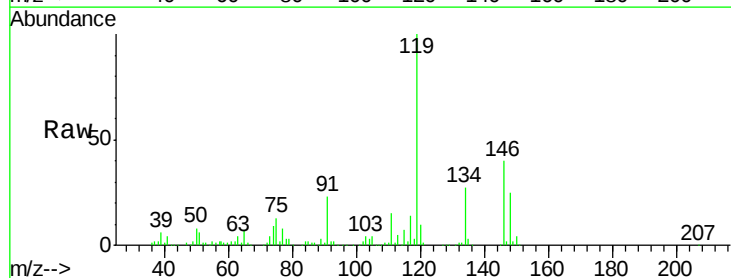
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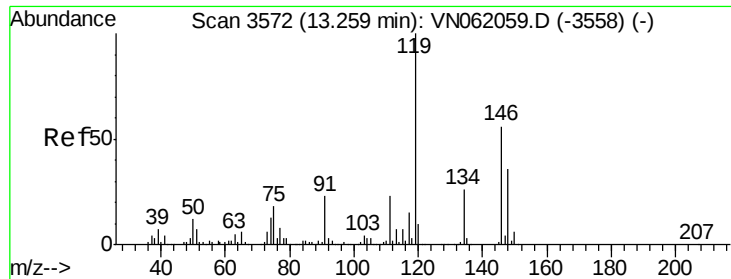
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#86
 p-Isopropyltoluene
 Concen: 18.732 ug/l
 RT: 13.27 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN062066.D
 Acq: 24 Jun 2020 16:36

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.0	39.0
91	23.2	11.3	33.8





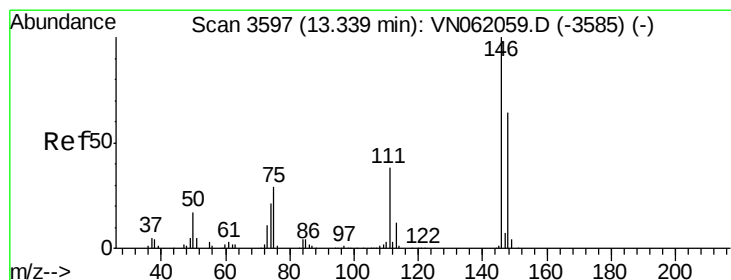
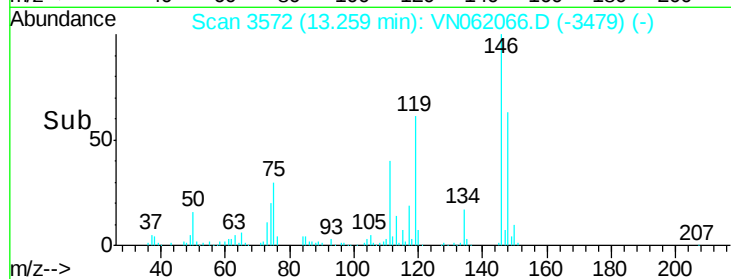
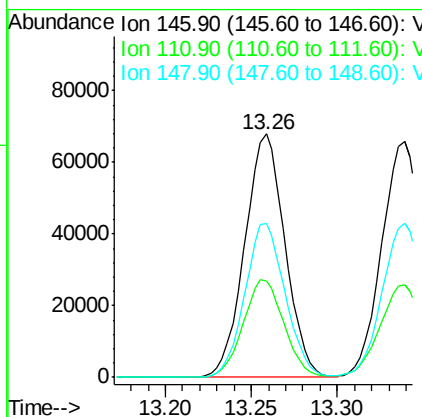
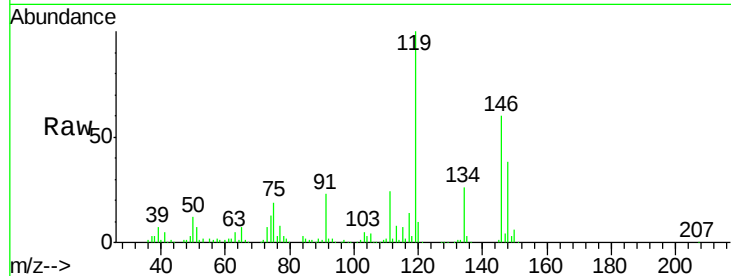
#87
 1,3-Dichlorobenzene
 Concen: 18.201 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062066.D
 Acq: 24 Jun 2020 16:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.3	61.0
148	63.4	31.8	95.3

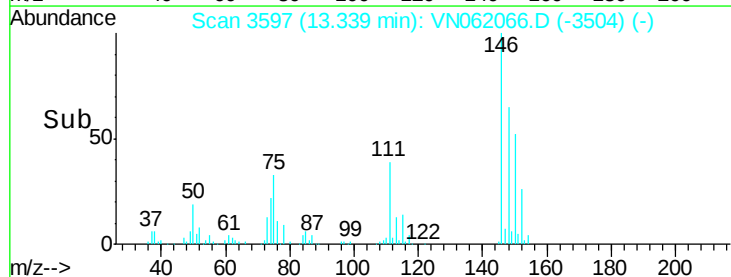
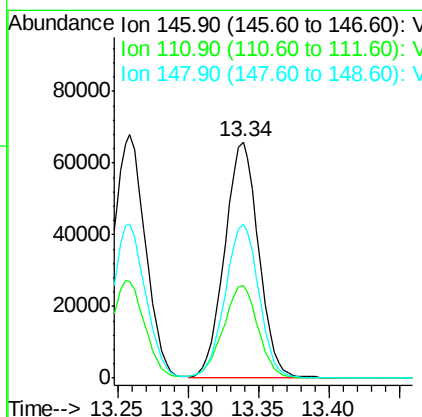
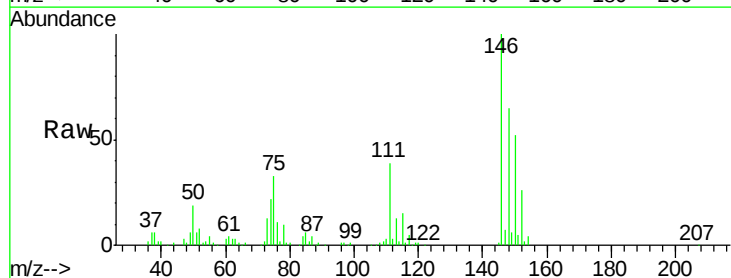
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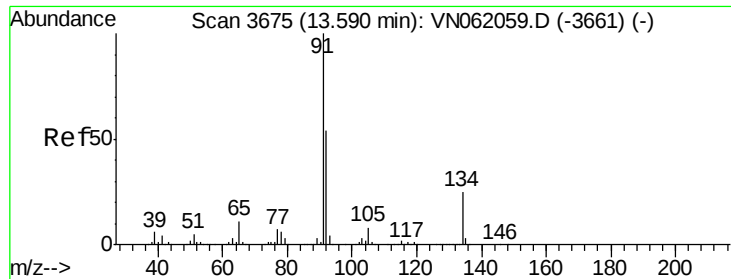
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#88
 1,4-Dichlorobenzene
 Concen: 17.638 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062066.D
 Acq: 24 Jun 2020 16:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	19.9	59.6
148	65.6	31.9	95.9





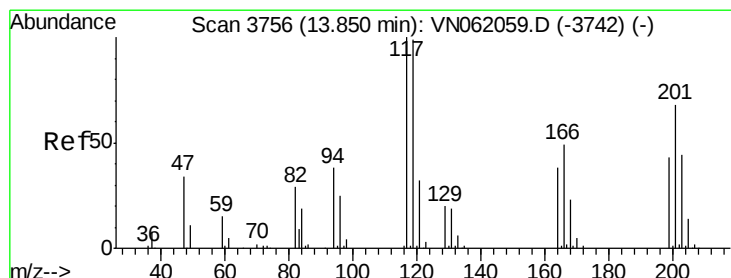
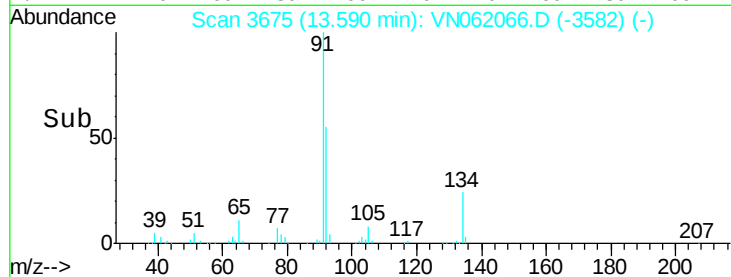
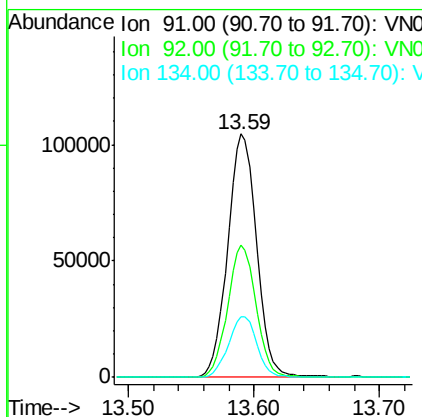
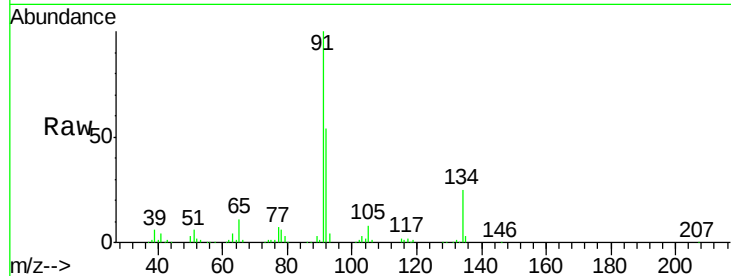
#89
n-Butylbenzene
Concen: 18.069 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN062066.D
Acq: 24 Jun 2020 16:36

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.6	79.7
134	24.6	12.3	36.9

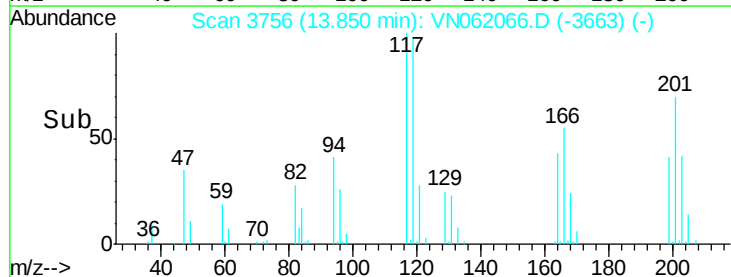
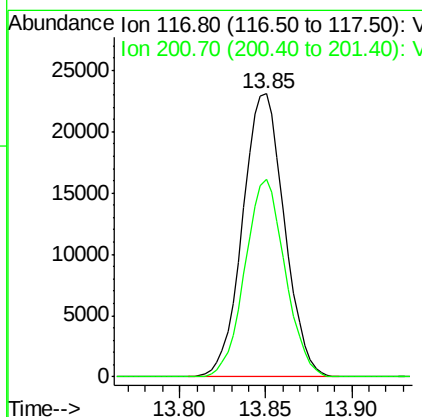
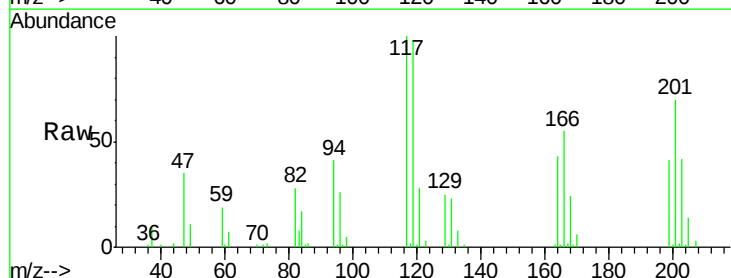
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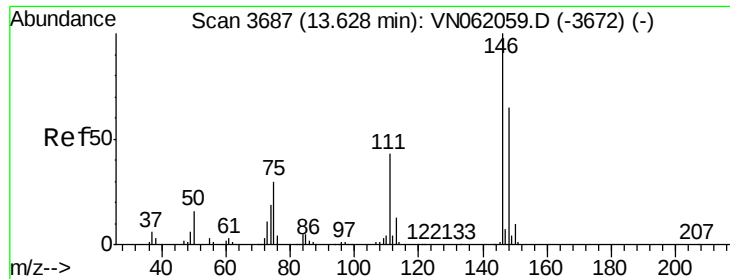
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#90
Hexachloroethane
Concen: 17.802 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN062066.D
Acq: 24 Jun 2020 16:36

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.9	32.7	98.1





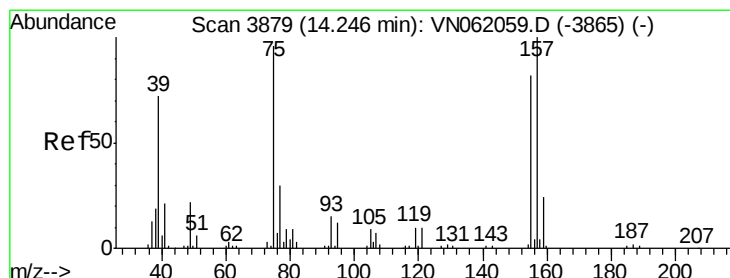
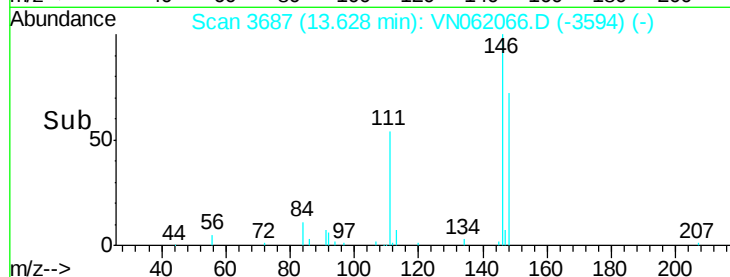
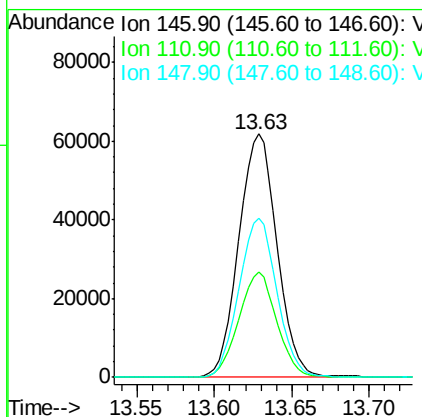
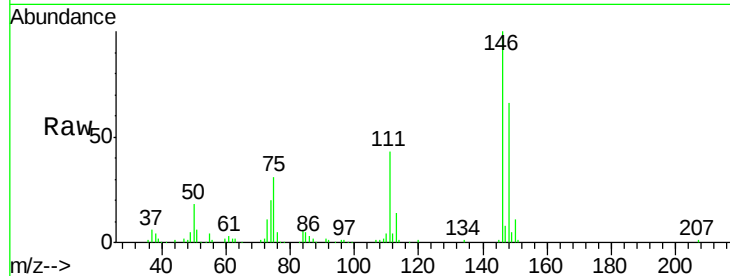
#91
 1,2-Dichlorobenzene
 Concen: 18.084 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062066.D
 Acq: 24 Jun 2020 16:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.2	63.6
148	64.9	31.9	95.5

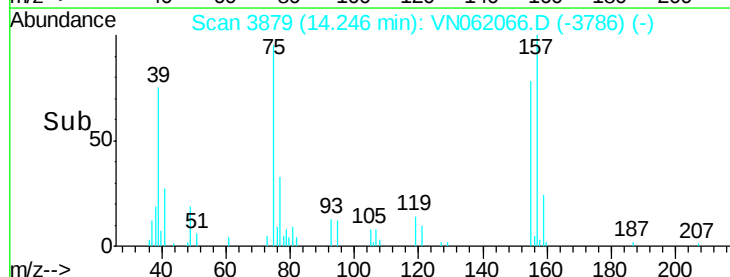
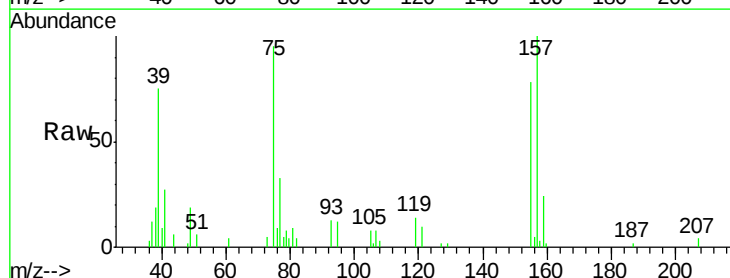
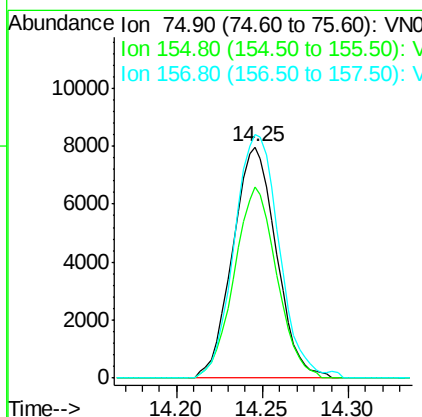
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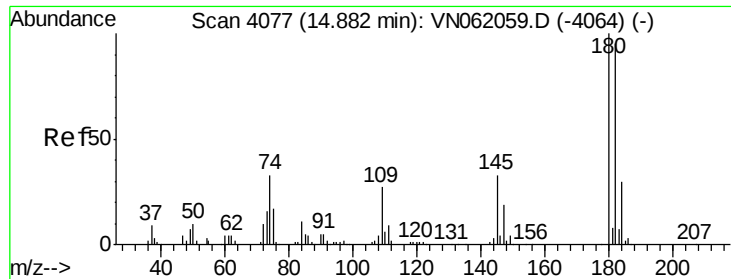
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.006 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062066.D
 Acq: 24 Jun 2020 16:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.5	40.8	122.4
157	108.7	51.4	154.3





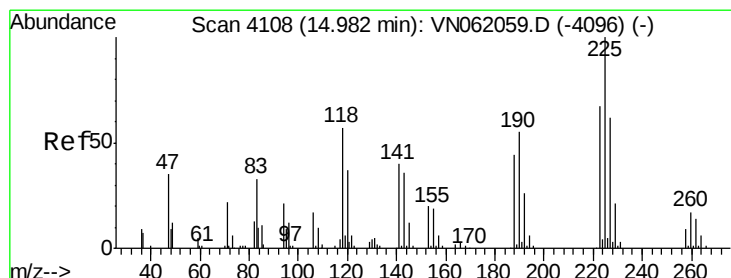
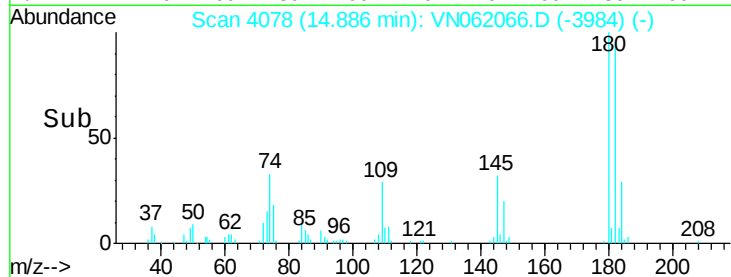
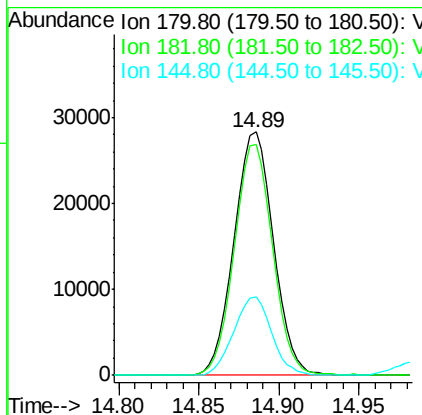
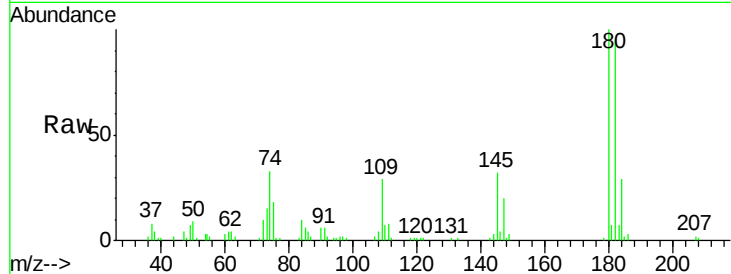
#93
 1,2,4-Trichlorobenzene
 Concen: 18.526 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062066.D
 Acq: 24 Jun 2020 16:36

Instrument :
 MSVOA_N
 ClientSampled :
 VN0624WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.1	48.0	144.2
145	30.9	16.0	48.0

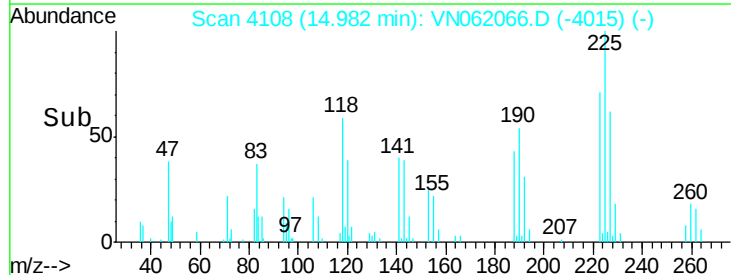
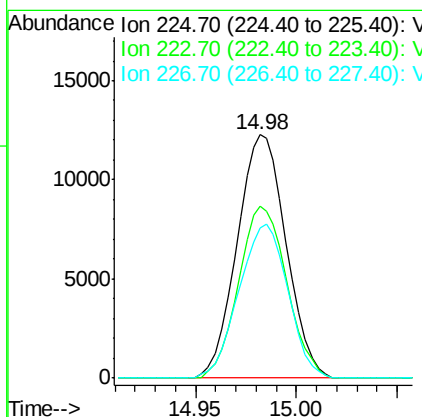
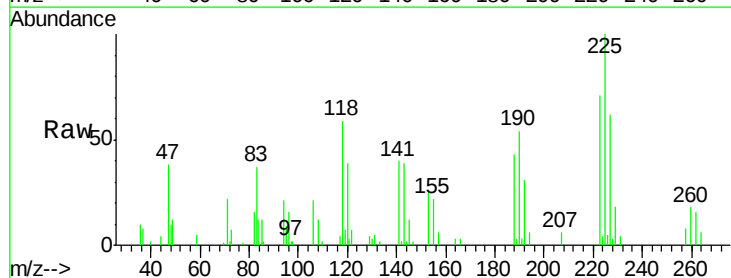
Manual Integrations
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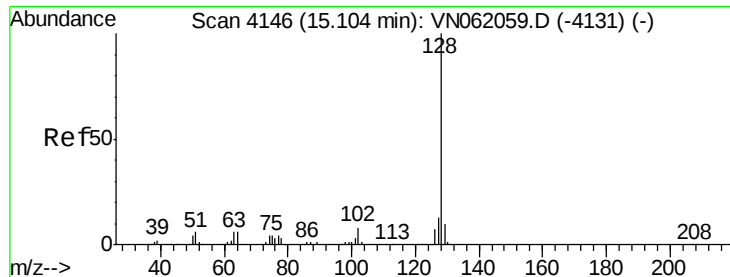
MMDadoda
 6/25/2020 6:10:26 PM



#94
 Hexachlorobutadiene
 Concen: 18.629 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062066.D
 Acq: 24 Jun 2020 16:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	69.6	32.9	98.7
227	63.4	31.3	93.8





#95

Naphthalene

Concen: 18.787 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

Instrument :

MSVOA_N

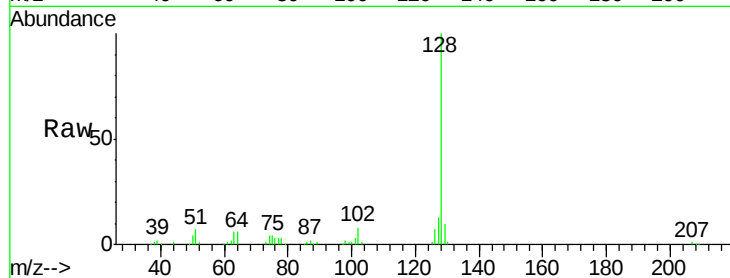
ClientSampleId :

VN0624WBSD01

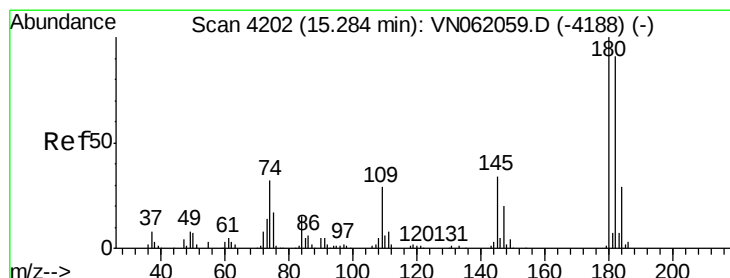
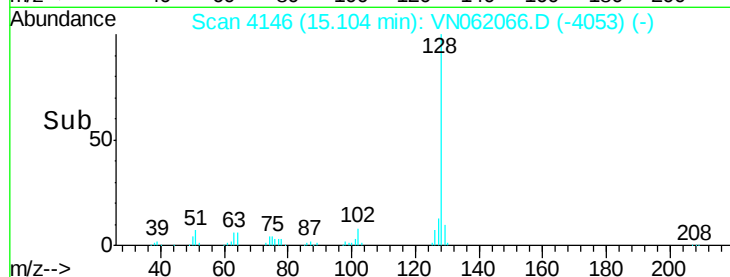
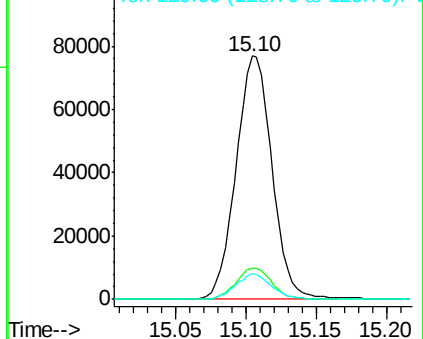
Tot Ion:	128	Resp:	137595
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.5	15.7
129	10.5	8.6	13.0

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Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.454 ug/l

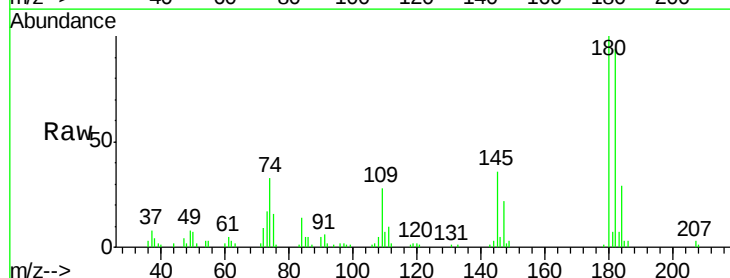
RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN062066.D

Acq: 24 Jun 2020 16:36

Tgt Ion:	180	Resp:	48434
Ion Ratio	Lower	Upper	
180	100		
182	93.7	46.8	140.4
145	33.4	16.4	49.2



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

