

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
 Data File : VN062065.D
 Acq On : 24 Jun 2020 16:09
 Operator : JC/MD
 Sample : VN0624WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS01

Manual Integrations
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 6/25/2020 6:10:23 PM

Quant Time: Jun 25 04:51:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	249003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	442395	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	409547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	183547	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	175308	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
35) Dibromofluoromethane	7.55	113	142834	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
50) Toluene-d8	10.06	98	551284	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
62) 4-Bromofluorobenzene	12.38	95	181896	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	51395	18.261	ug/l	97
3) Chloromethane	2.03	50	69732	20.249	ug/l	100
4) Vinyl Chloride	2.16	62	80991	18.273	ug/l	99
5) Bromomethane	2.53	94	54183	18.915	ug/l	99
6) Chloroethane	2.67	64	55080	18.191	ug/l	100
7) Trichlorofluoromethane	2.98	101	97298	17.815	ug/l	100
8) Diethyl Ether	3.37	74	35732	18.736	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	53005	18.533	ug/l #	87
10) Methyl Iodide	3.91	142	55646	17.276	ug/l	100
11) Tert butyl alcohol	4.73	59	47928	95.529	ug/l	99
12) 1,1-Dichloroethene	3.70	96	53089	18.568	ug/l	99
13) Acrolein	3.57	56	43787	89.142	ug/l	98
14) Allyl chloride	4.27	41	71399	18.342	ug/l	98
15) Acrylonitrile	4.93	53	123981	90.684	ug/l	99
16) Acetone	3.78	43	112335	99.987	ug/l	97
17) Carbon Disulfide	4.01	76	156873	19.187	ug/l	98
18) Methyl Acetate	4.28	43	47589	17.132	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	168908	18.488	ug/l	100
20) Methylene Chloride	4.50	84	61707	19.103	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	56735	17.419	ug/l	97
22) Diisopropyl ether	5.90	45	159832	18.033	ug/l	98
23) Vinyl Acetate	5.84	43	667712	92.271	ug/l	98
24) 1,1-Dichloroethane	5.80	63	103129	18.069	ug/l	99
25) 2-Butanone	6.79	43	159007	93.096	ug/l	97
26) 2,2-Dichloropropane	6.77	77	87790	18.458	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	64924	17.714	ug/l	100
28) Bromochloromethane	7.15	49	48110	19.428	ug/l	100
29) Tetrahydrofuran	7.17	42	104460	93.367	ug/l	98
30) Chloroform	7.33	83	105963	18.248	ug/l	98
31) Cyclohexane	7.61	56	86313	17.878	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	89231	18.221	ug/l	99
36) 1,1-Dichloropropene	7.75	75	79324	17.839	ug/l	98
37) Ethyl Acetate	6.88	43	65859	17.886	ug/l	97
38) Carbon Tetrachloride	7.73	117	75426	17.992	ug/l	94

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Quant Time: Jun 25 04:51:48 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)
39) Methylcyclohexane	9.05	83	87295	17.917	ug/l	97
40) Benzene	8.00	78	241667	17.831	ug/l	98
41) Methacrylonitrile	7.13	41	27819	16.296	ug/l	94
42) 1,2-Dichloroethane	8.09	62	81783	17.860	ug/l	99
43) Isopropyl Acetate	8.13	43	108432	18.065	ug/l	100
44) Trichloroethene	8.80	130	60560	17.713	ug/l	97
45) 1,2-Dichloropropane	9.08	63	61200	18.303	ug/l	99
46) Dibromomethane	9.18	93	40982	18.077	ug/l	99
47) Bromodichloromethane	9.37	83	82228	17.964	ug/l	98
48) Methyl methacrylate	9.17	41	47710	17.727	ug/l	99
49) 1,4-Dioxane	9.17	88	21295	356.797	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	329014	93.817	ug/l	99
52) Toluene	10.12	92	151313	18.297	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	89296	17.731	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	98344	18.342	ug/l	98
55) 1,1,2-Trichloroethane	10.54	97	60127	18.496	ug/l	98
56) Ethyl methacrylate	10.40	69	79418	18.307	ug/l	99
57) 1,3-Dichloropropane	10.68	76	101837	18.200	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	151727	92.958	ug/l	99
59) 2-Hexanone	10.72	43	236029	93.204	ug/l	100
60) Dibromochloromethane	10.87	129	61768	17.947	ug/l	97
61) 1,2-Dibromoethane	10.98	107	60952	18.248	ug/l	100
64) Tetrachloroethene	10.60	164	50991	18.227	ug/l	97
65) Chlorobenzene	11.41	112	161938	18.006	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	56683	18.226	ug/l	99
67) Ethyl Benzene	11.48	91	278507	18.336	ug/l	100
68) m/p-Xylenes	11.59	106	214044	36.433	ug/l	98
69) o-Xylene	11.92	106	102491	18.490	ug/l	99
70) Styrene	11.94	104	165262	17.877	ug/l	99
71) Bromoform	12.10	173	40494	18.313	ug/l #	99
73) Isopropylbenzene	12.22	105	265844	18.711	ug/l	99
74) N-amyl acetate	12.05	43	85657	18.626	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	86580	18.312	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	78975m	18.278	ug/l	
77) Bromobenzene	12.50	156	64238	18.211	ug/l	98
78) n-propylbenzene	12.57	91	304571	18.741	ug/l	100
79) 2-Chlorotoluene	12.65	91	183178	18.644	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	218335	18.956	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	27041	18.276	ug/l	98
82) 4-Chlorotoluene	12.75	91	184406	18.150	ug/l	100
83) tert-Butylbenzene	12.97	119	183140	18.580	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	217729	18.928	ug/l	99
85) sec-Butylbenzene	13.15	105	242972	18.655	ug/l	100
86) p-Isopropyltoluene	13.26	119	215766	18.908	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	112728	18.199	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	112851	17.675	ug/l	99
89) n-Butylbenzene	13.59	91	170915	18.016	ug/l	100
90) Hexachloroethane	13.85	117	40157	17.936	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	110315	18.366	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	14872	19.635	ug/l	96

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ClientSampleId :
VN0624WBS01

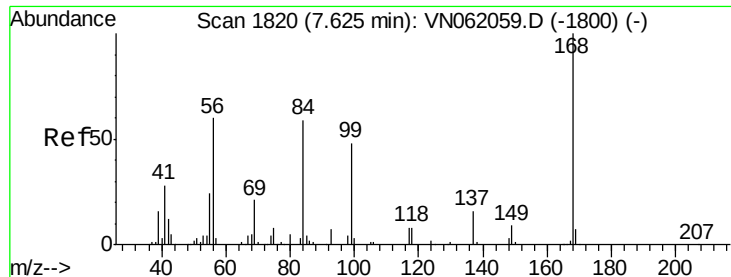
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	46971	17.901	ug/l	98
94) Hexachlorobutadiene	14.98	225	21038	18.460	ug/l	98
95) Naphthalene	15.11	128	134032	18.091	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	48135	17.941	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS01

Tot Ion:168 Resp: 249003

Ion Ratio Lower Upper

168 100

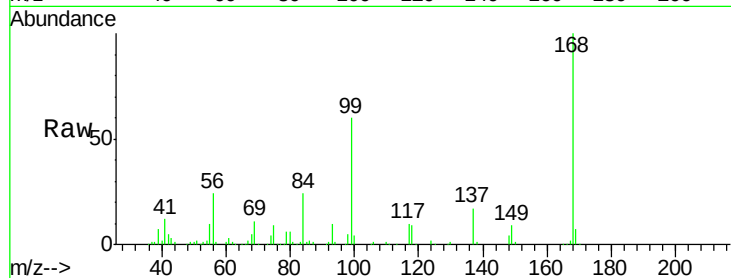
99 59.5 45.8 68.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

120000

100000

80000

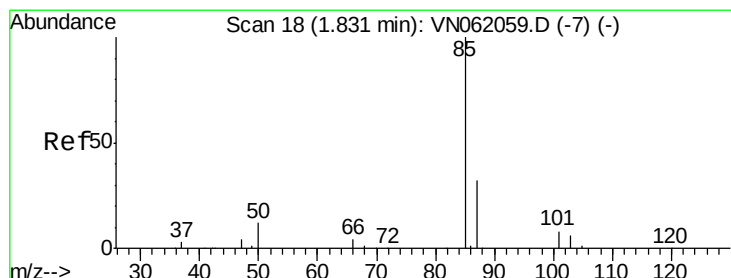
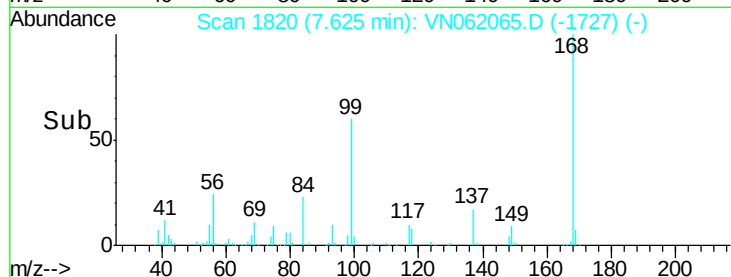
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 18.261 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062065.D

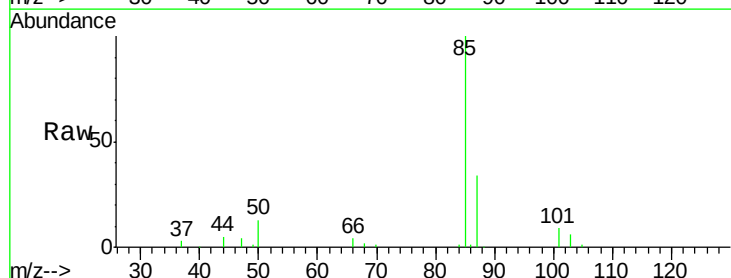
Acq: 24 Jun 2020 16:09

Tgt Ion: 85 Resp: 51395

Ion Ratio Lower Upper

85 100

87 33.5 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

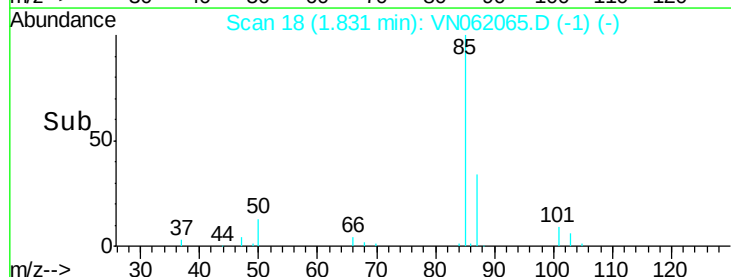
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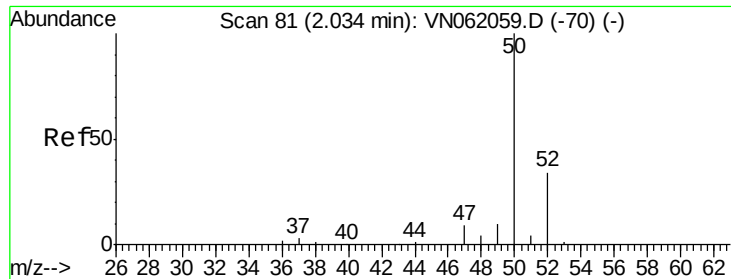
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 20.249 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS01

Tot Ion: 50 Resp: 69732

Ion Ratio Lower Upper

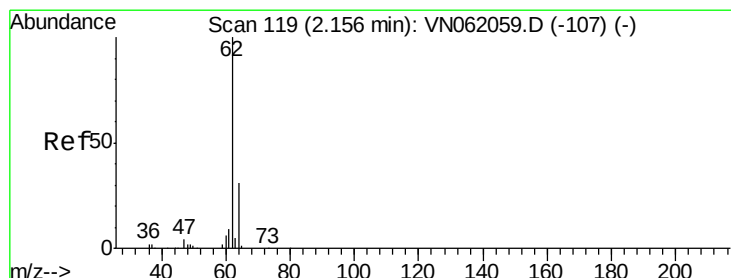
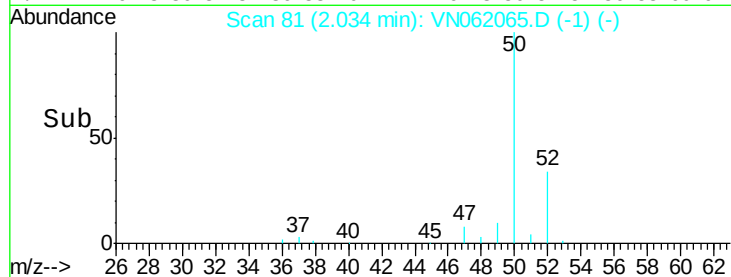
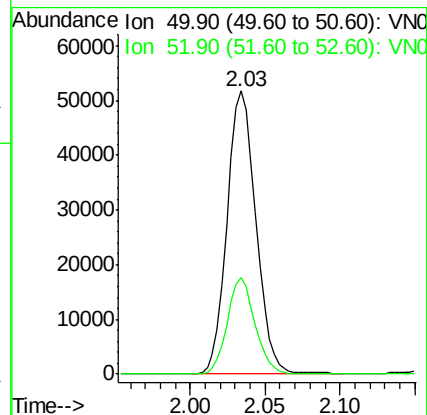
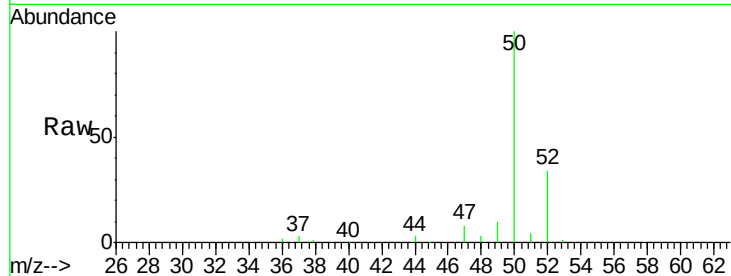
50 100

52 33.9 27.0 40.6

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#4

Vinyl Chloride

Concen: 18.273 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062065.D

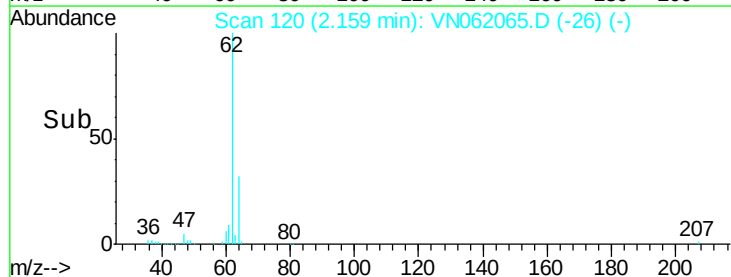
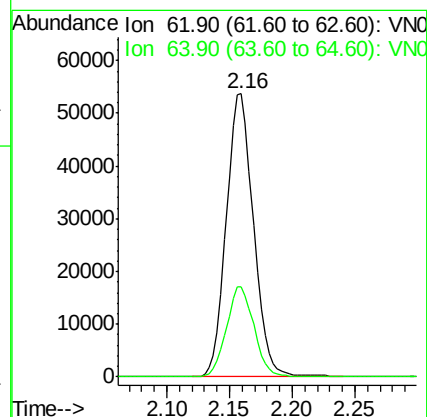
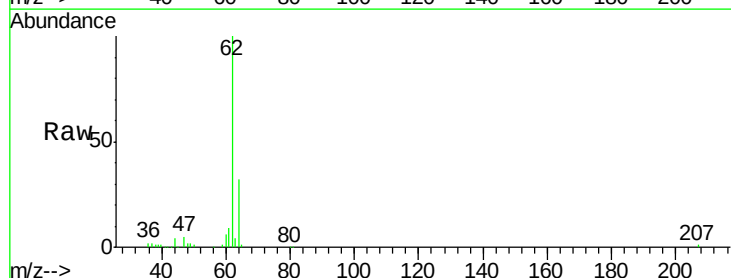
Acq: 24 Jun 2020 16:09

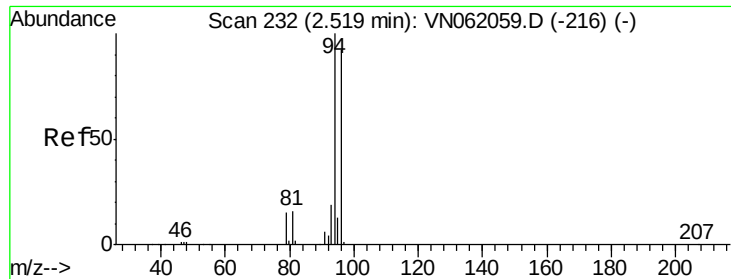
Tgt Ion: 62 Resp: 80991

Ion Ratio Lower Upper

62 100

64 31.8 25.1 37.7





#5

Bromomethane

Concen: 18.915 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.01 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS01

Tot Ion: 94 Resp: 54183

Ion Ratio Lower Upper

94 100

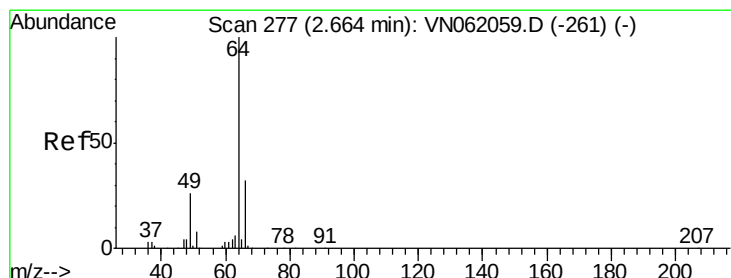
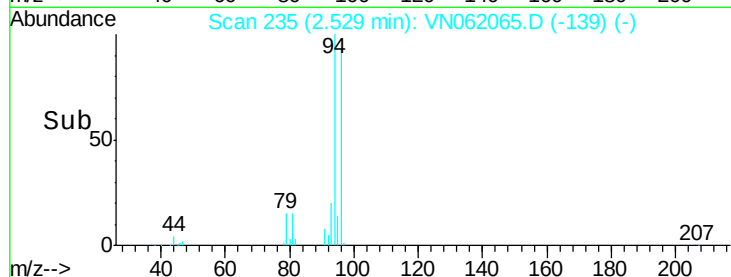
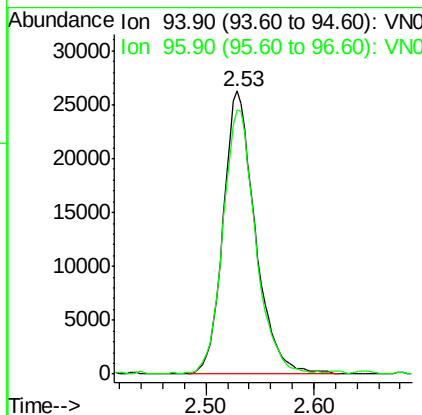
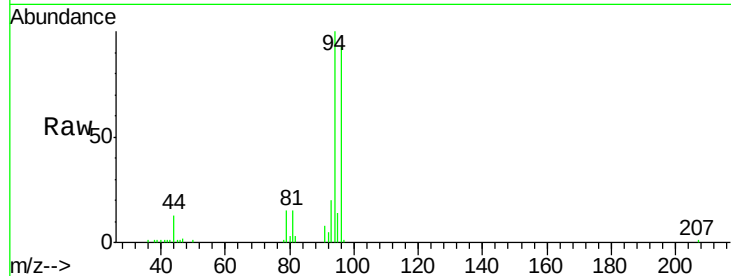
96 92.8 73.4 110.2

Manual Integrations

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#6

Chloroethane

Concen: 18.191 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.01 min

Lab File: VN062065.D

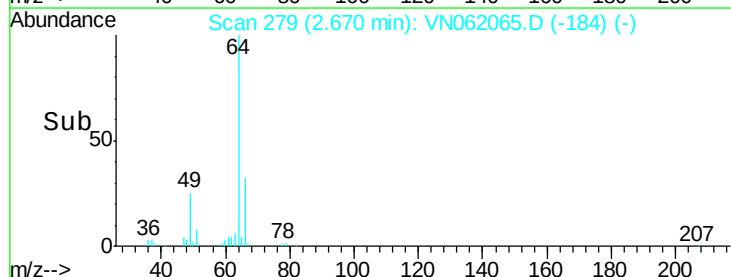
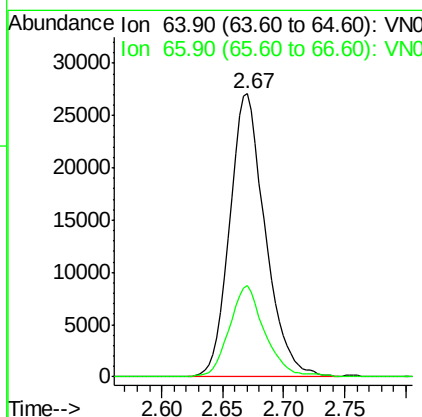
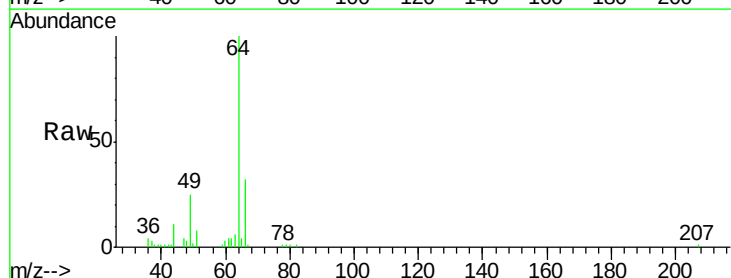
Acq: 24 Jun 2020 16:09

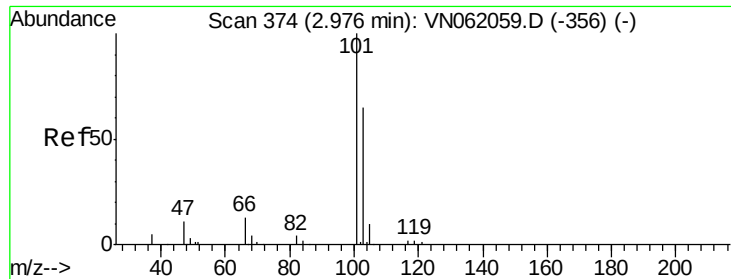
Tgt Ion: 64 Resp: 55080

Ion Ratio Lower Upper

64 100

66 32.2 25.8 38.6





#7

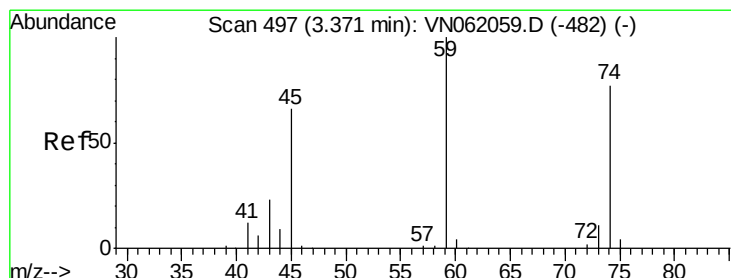
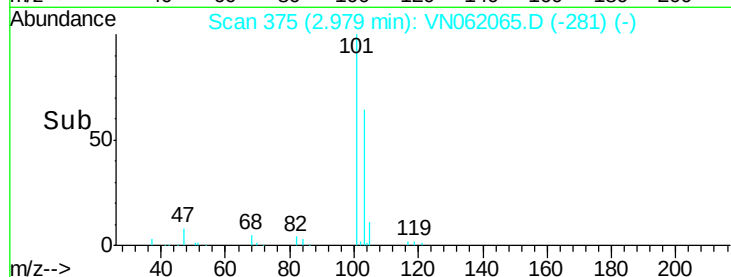
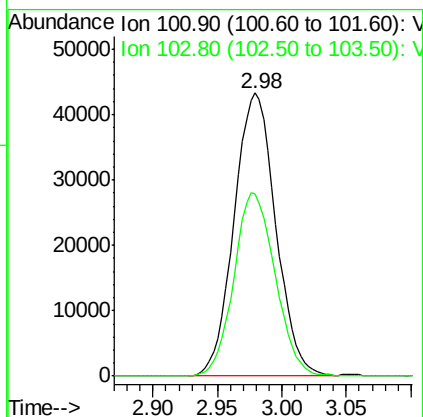
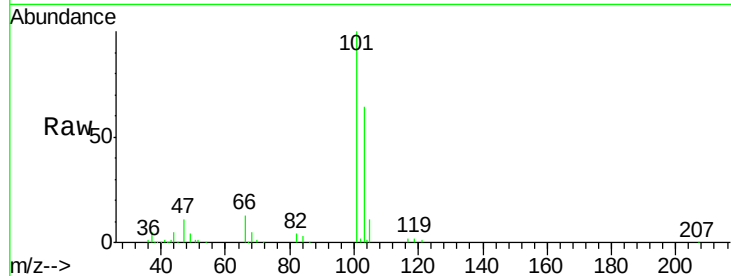
Trichlorofluoromethane
Concen: 17.815 ug/l
RT: 2.98 min Scan# 375
Delta R.T. 0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.8	77.6

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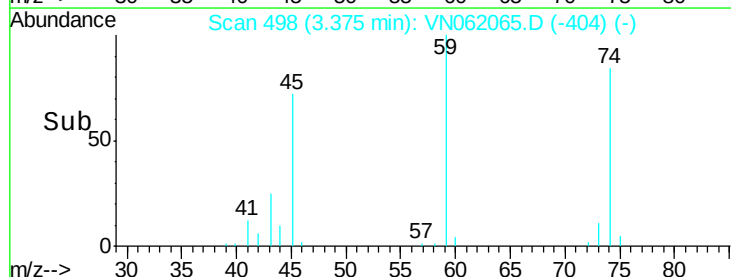
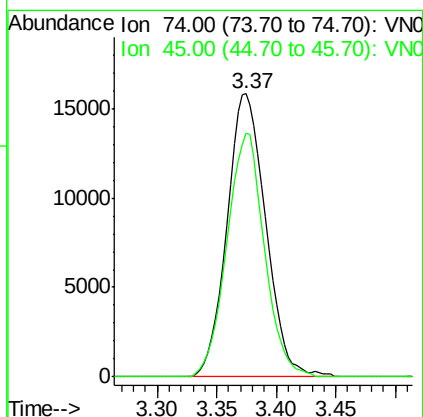
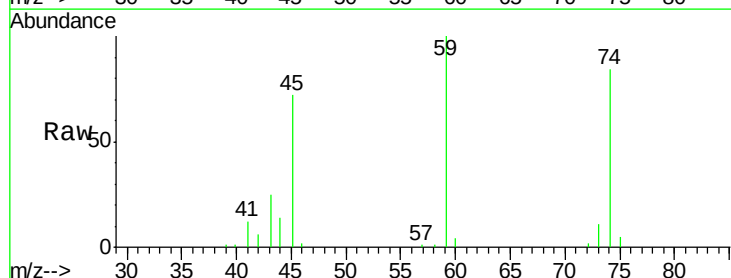
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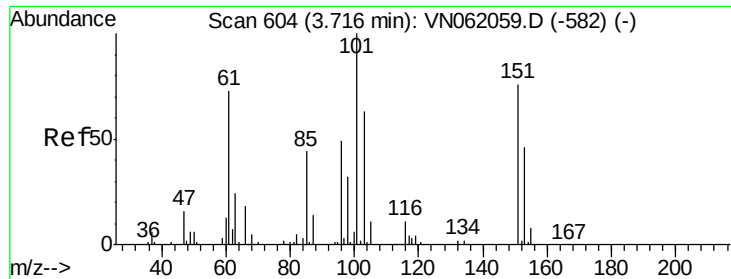


#8

Diethyl Ether
Concen: 18.736 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

Tgt Ion	Ratio	Lower	Upper
74	100		
45	83.2	42.5	127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.533 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Instrument :

MSVOA_N

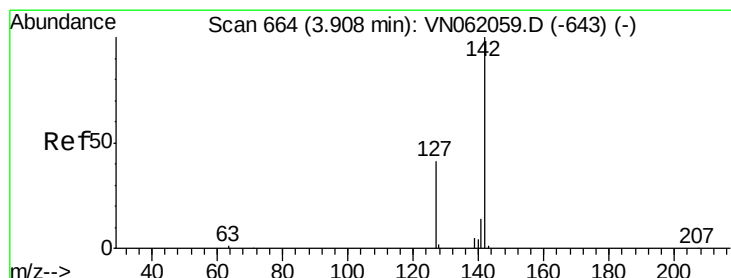
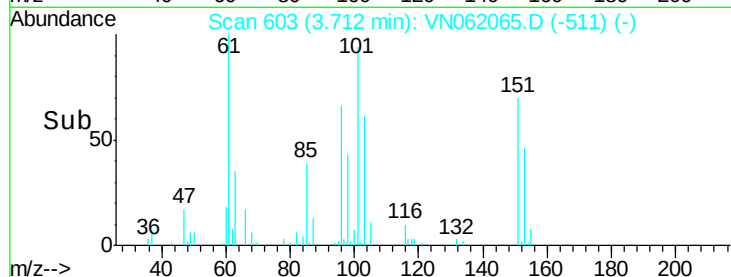
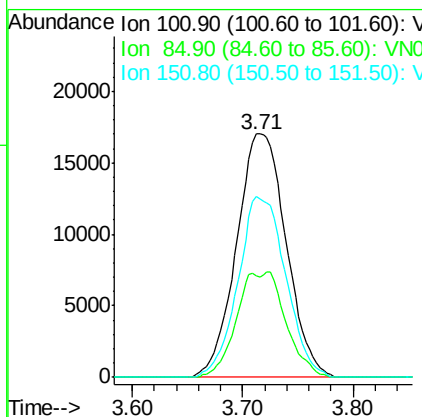
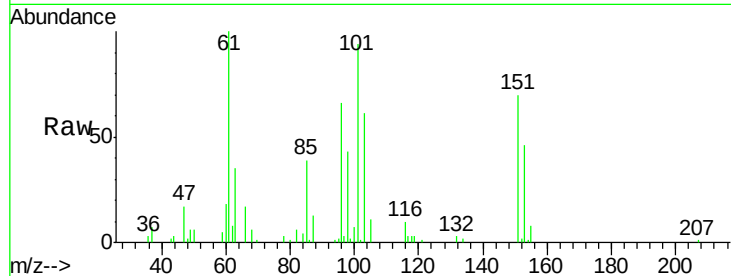
ClientSampleId :

VN0624WBS01

Tot Ion:	101	Resp:	53005
Ion Ratio	Lower	Upper	
101	100		
85	21.5	34.5	51.7#
151	71.5	57.8	86.8

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#10

Methyl Iodide

Concen: 17.276 ug/l

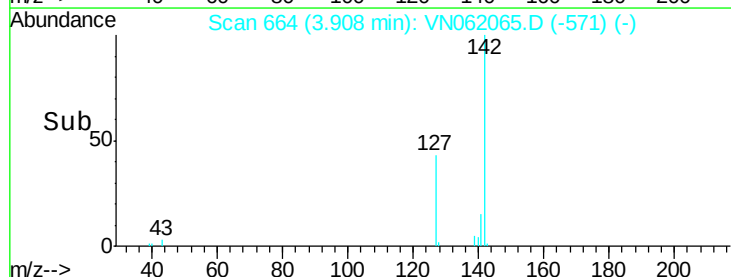
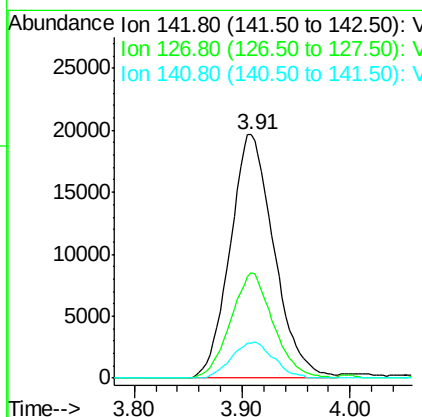
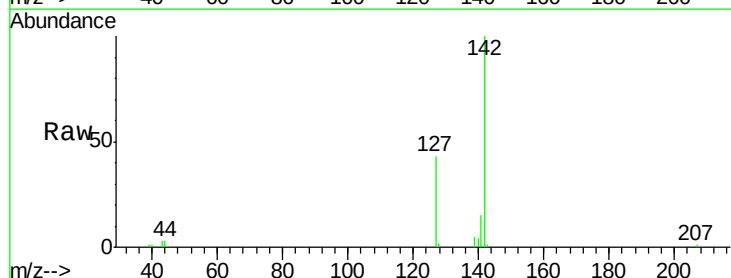
RT: 3.91 min Scan# 664

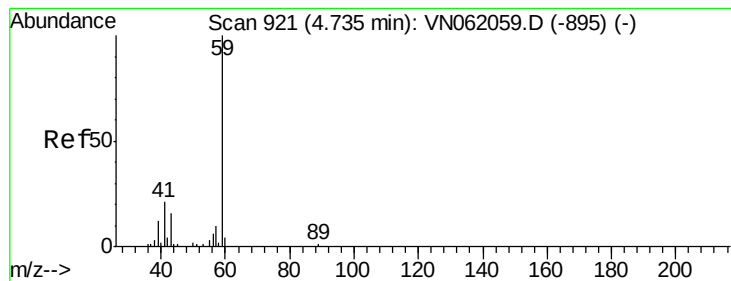
Delta R.T. -0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Tgt Ion:	142	Resp:	55646
Ion Ratio	Lower	Upper	
142	100		
127	41.9	33.6	50.4
141	14.2	11.3	16.9





#11

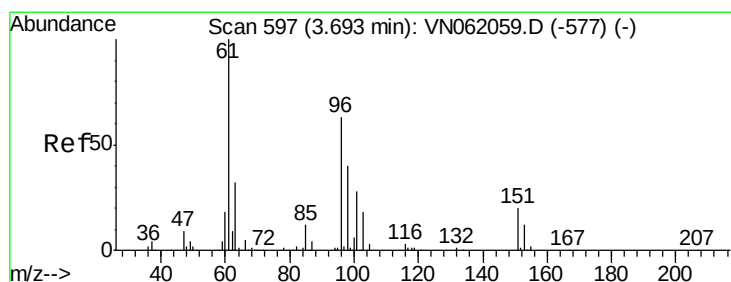
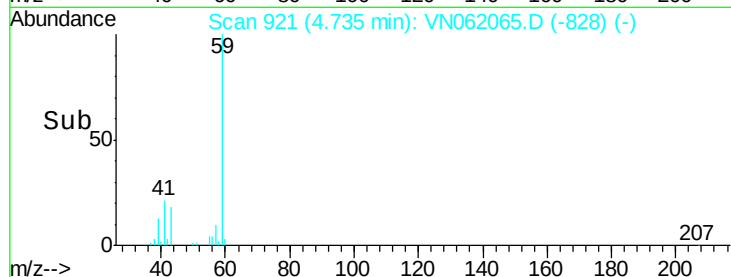
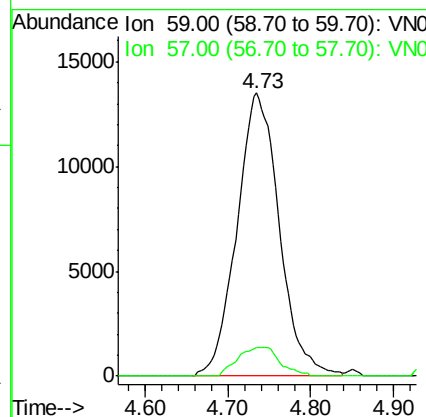
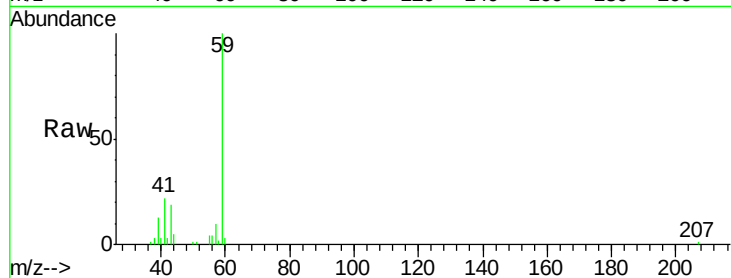
Tert butyl alcohol
 Concen: 95.529 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VN062065.D
 Acq: 24 Jun 2020 16:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.3	12.5

Manual Integrations
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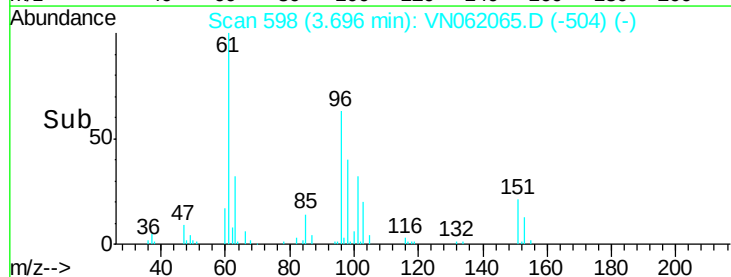
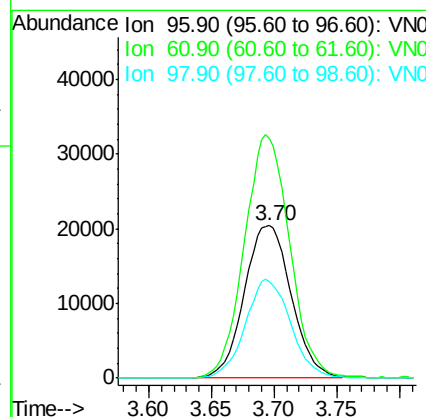
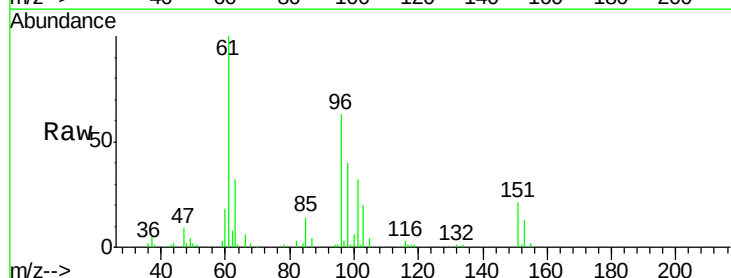
MMDadoda
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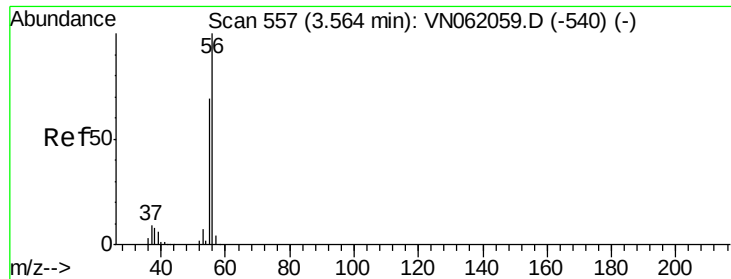


#12

1,1-Dichloroethene
 Concen: 18.568 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN062065.D
 Acq: 24 Jun 2020 16:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.7	126.7	190.1
98	63.0	51.0	76.4





#13

Acrolein

Concen: 89.142 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS01

Tot Ion: 56 Resp: 43787

Ion Ratio Lower Upper

56 100

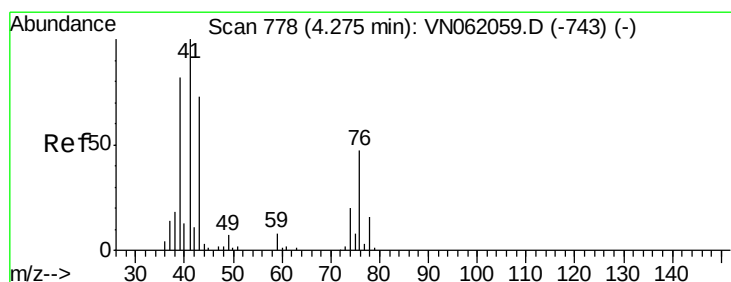
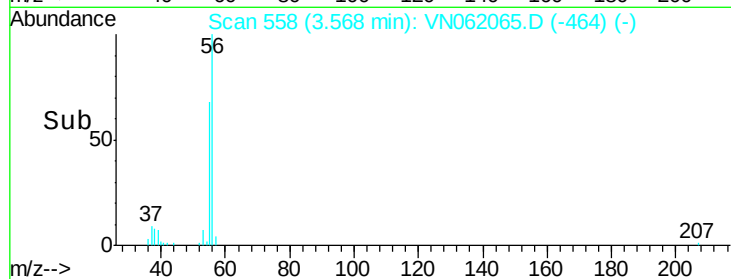
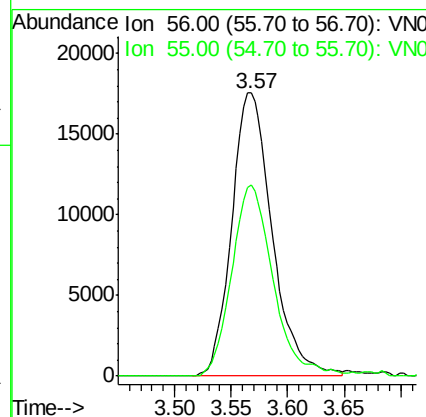
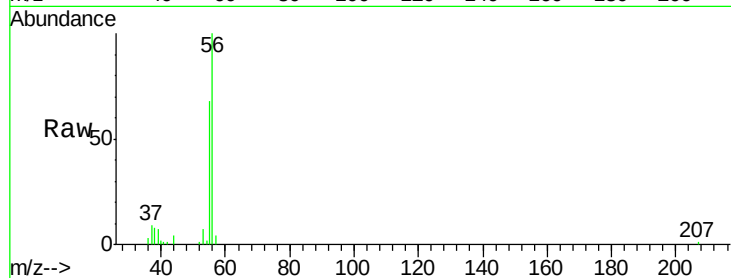
55 68.1 55.5 83.3

Manual Integrations

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#14

Allyl chloride

Concen: 18.342 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

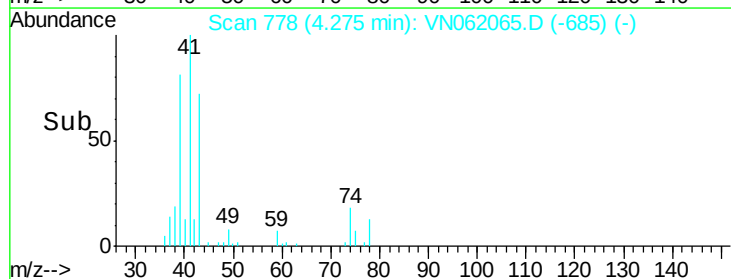
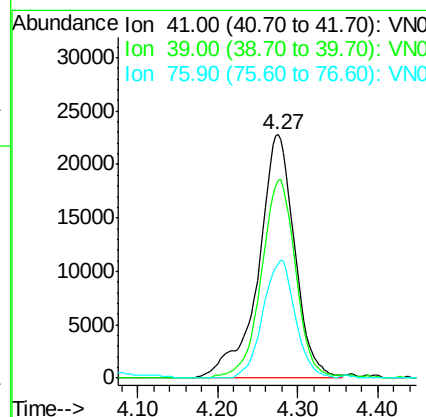
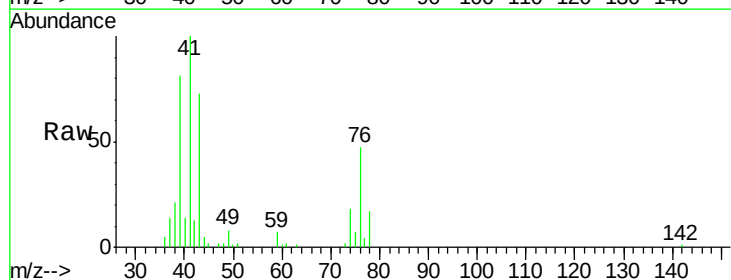
Tgt Ion: 41 Resp: 71399

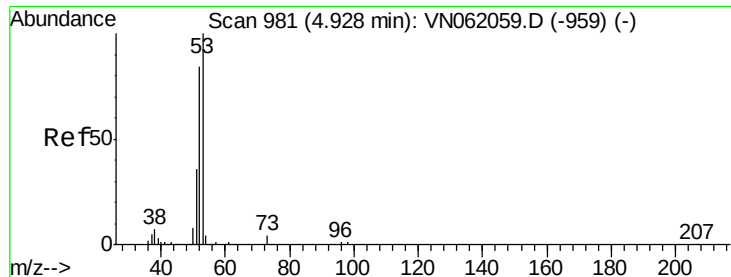
Ion Ratio Lower Upper

41 100

39 77.1 60.0 90.0

76 43.2 34.1 51.1





#15

Acrylonitrile

Concen: 90.684 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Instrument :

MSVOA_N

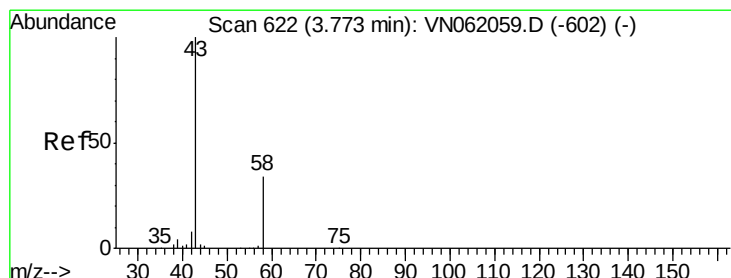
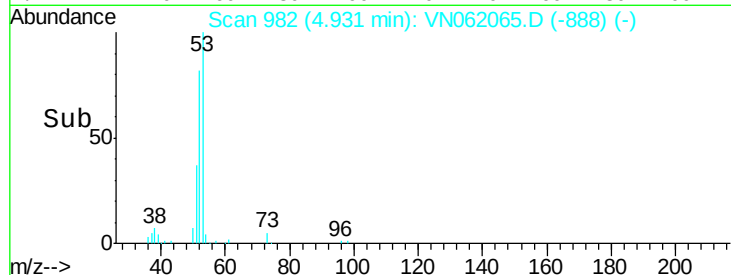
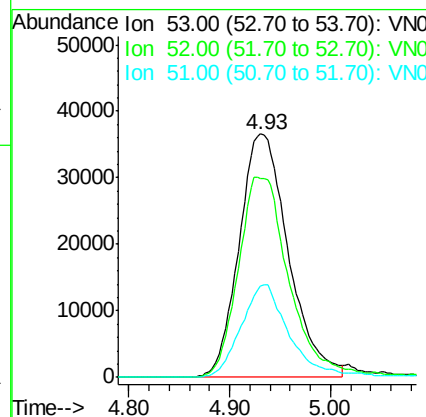
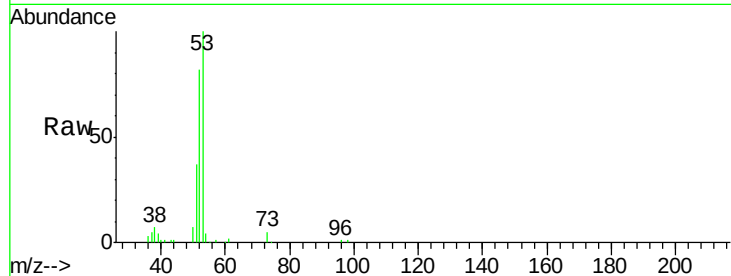
ClientSampleId :

VN0624WBS01

Tot Ion:	53	Resp:	123981
Ion Ratio	Lower	Upper	
53	100		
52	84.3	66.2	99.4
51	36.6	28.9	43.3

Manual Integrations
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#16

Acetone

Concen: 99.987 ug/l

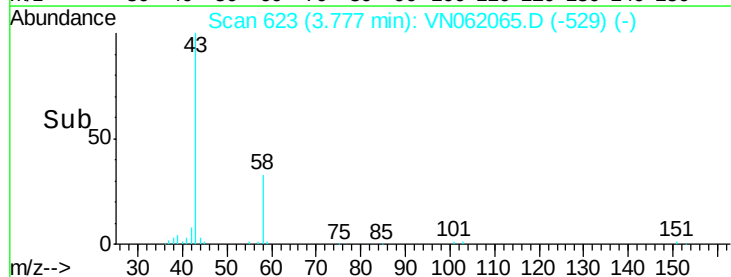
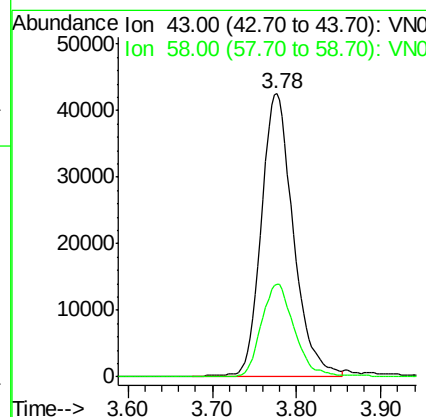
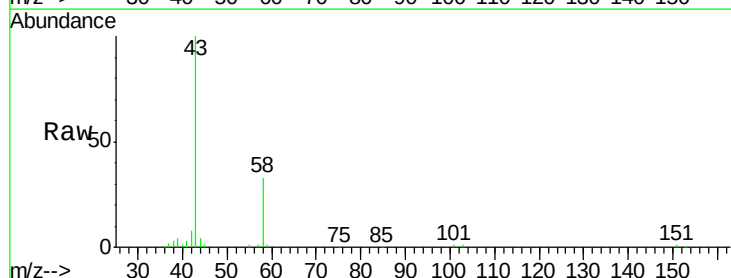
RT: 3.78 min Scan# 623

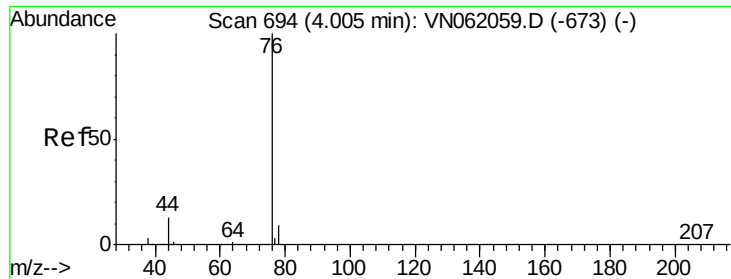
Delta R.T. 0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Tgt Ion:	43	Resp:	112335
Ion Ratio	Lower	Upper	
43	100		
58	32.8	27.5	41.3





#17

Carbon Disulfide

Concen: 19.187 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS01

Tot Ion: 76 Resp: 156873

Ion Ratio Lower Upper

76 100

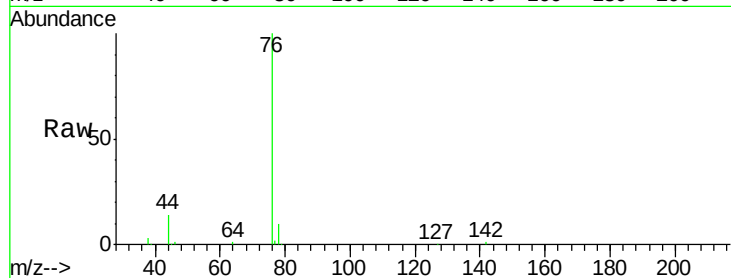
78 9.6 7.2 10.8

Manual Integrations

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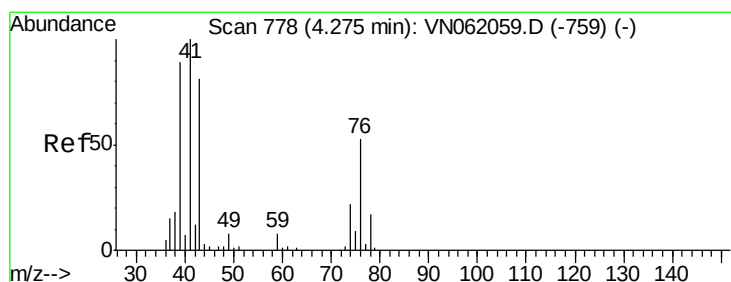
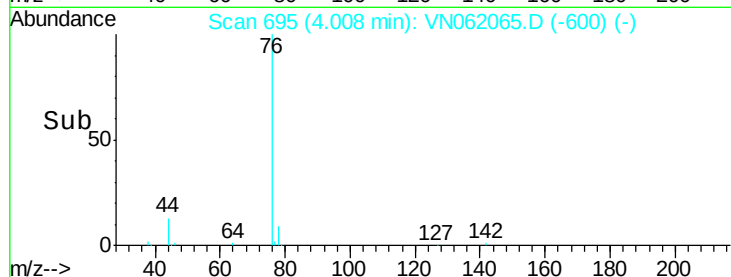
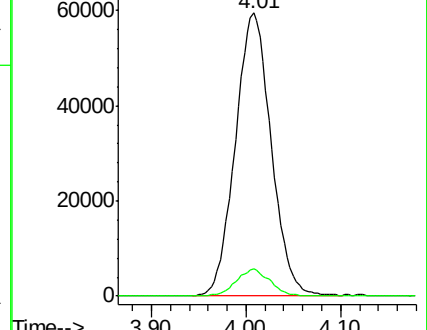
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Abundance Ion 75.90 (75.60 to 76.60): VN062059.D (-673) (-)

Ion 77.90 (77.60 to 78.60): VN062059.D (-673) (-)



#18

Methyl Acetate

Concen: 17.132 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062065.D

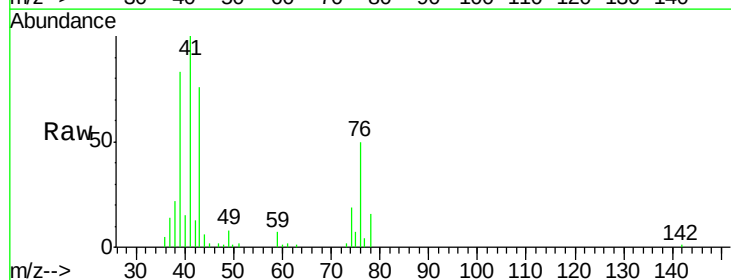
Acq: 24 Jun 2020 16:09

Tgt Ion: 43 Resp: 47589

Ion Ratio Lower Upper

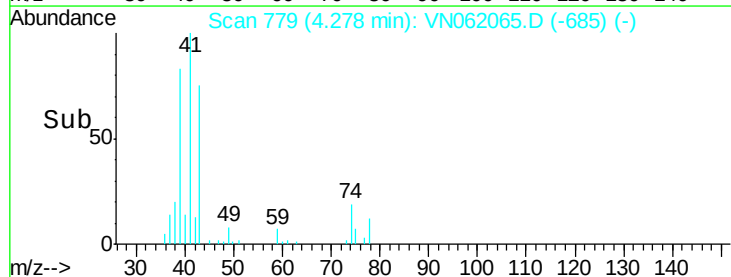
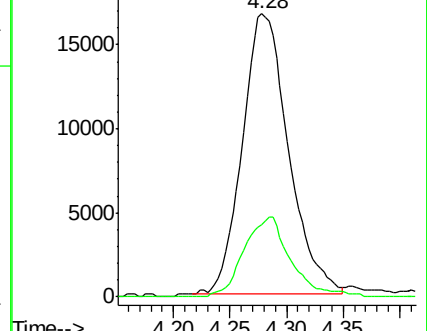
43 100

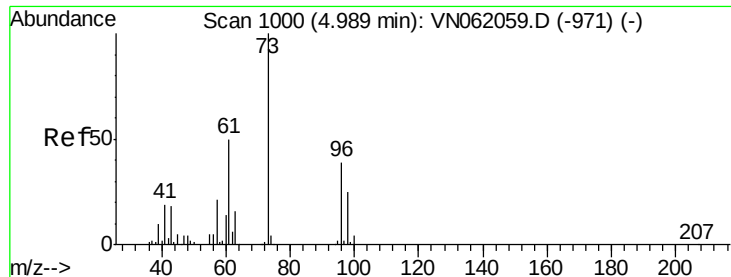
74 28.8 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-759) (-)

Ion 74.00 (73.70 to 74.70): VN062059.D (-759) (-)





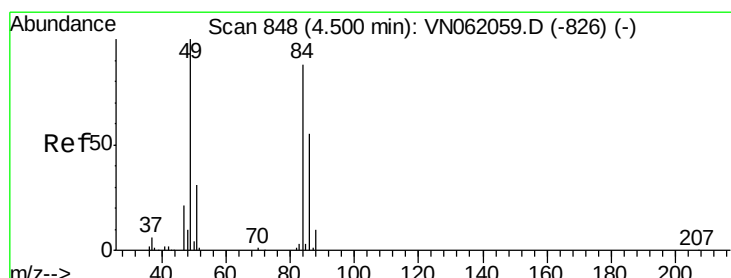
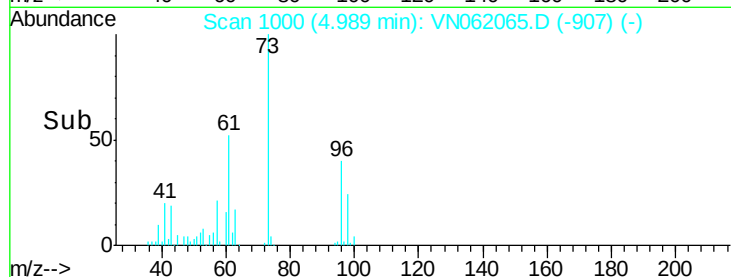
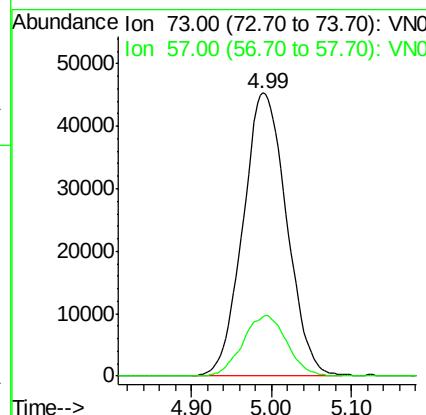
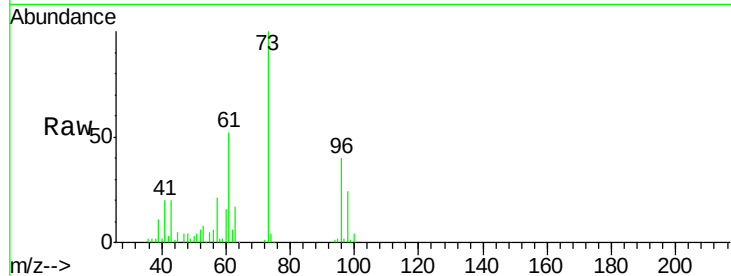
#19
Methvl tert-butvl Ether
Concen: 18.488 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

Instrument :
MSVOA_N
ClientSampled :
VN0624WBS01

Tot Ion: 73 Resp: 168908
Ion Ratio Lower Upper
73 100
57 20.8 16.6 24.8

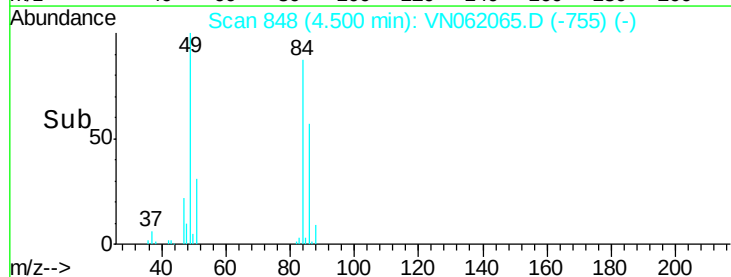
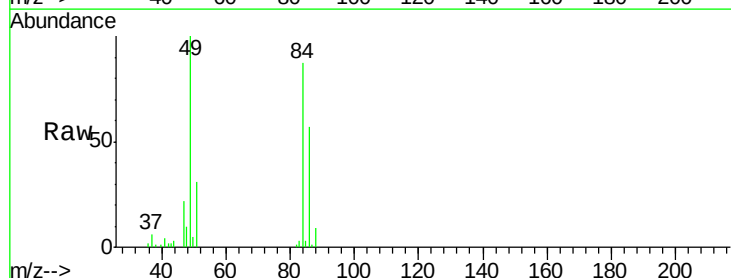
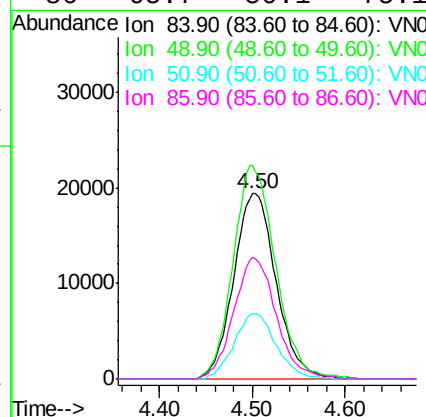
Manual Integrations
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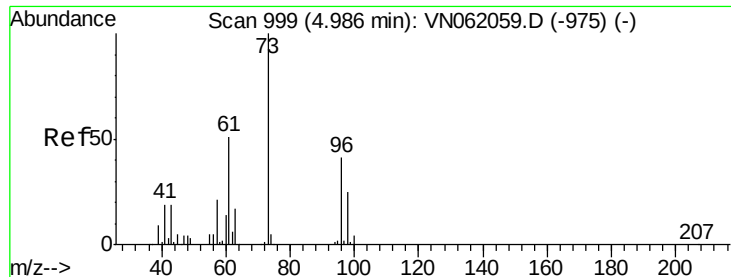
MMDadoda
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#20
Methylene Chloride
Concen: 19.103 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

Tgt Ion: 84 Resp: 61707
Ion Ratio Lower Upper
84 100
49 115.2 90.6 136.0
51 35.5 27.8 41.8
86 65.7 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 17.419 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Instrument :

MSVOA_N

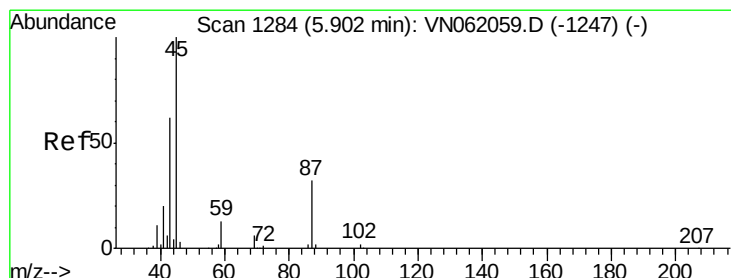
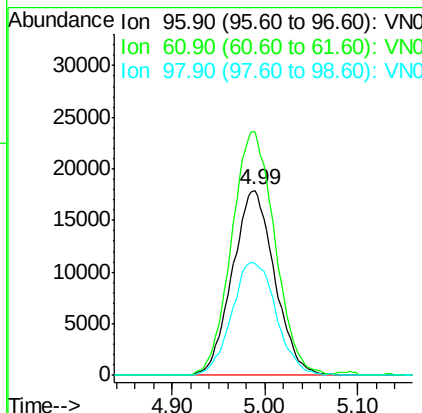
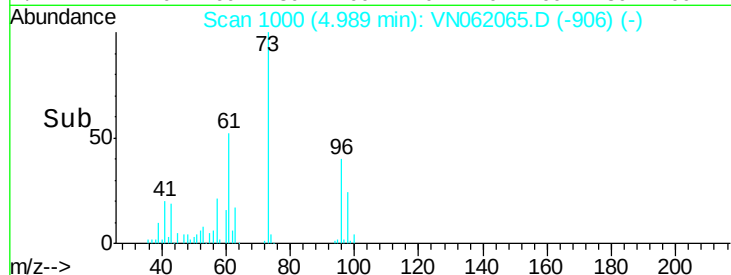
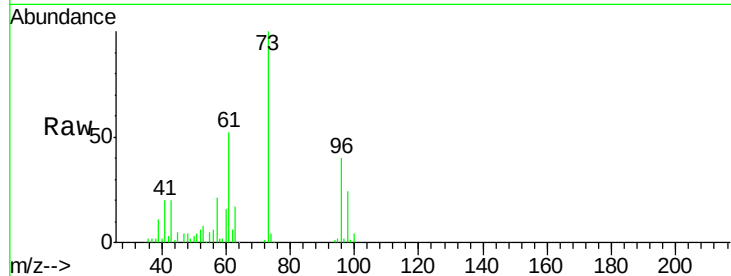
ClientSampled :

VN0624WBS01

Tot Ion:	96	Resp:	56735
Ion	Ratio	Lower	Upper
96	100		
61	131.7	101.4	152.2
98	60.3	49.3	73.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.033 ug/l

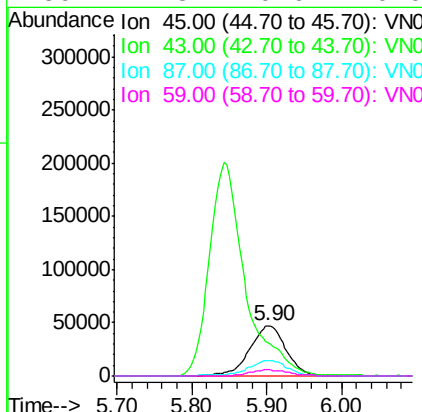
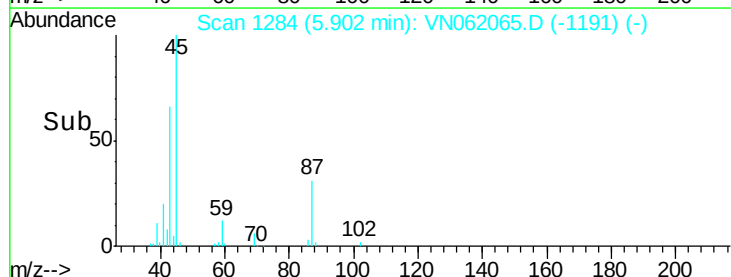
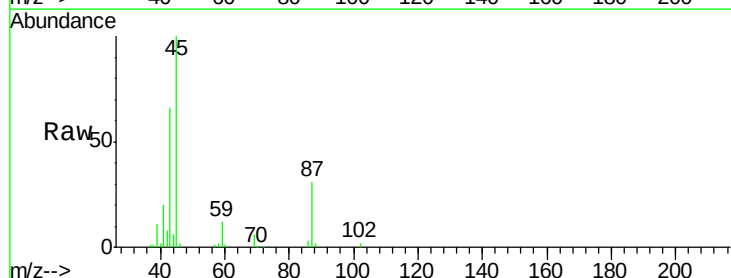
RT: 5.90 min Scan# 1284

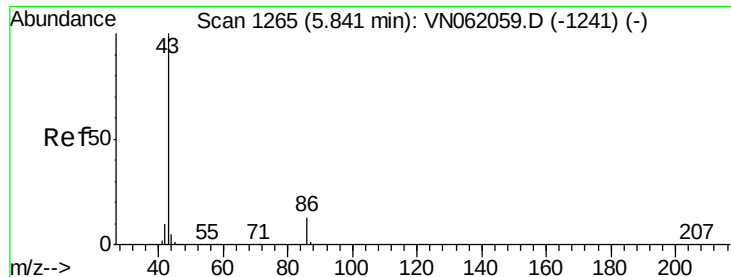
Delta R.T. -0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Tgt Ion:	45	Resp:	159832
Ion	Ratio	Lower	Upper
45	100		
43	63.5	49.7	74.5
87	30.7	25.9	38.9
59	12.3	10.6	16.0





#23

Vinyl Acetate

Concen: 92.271 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS01

Tot Ion: 43 Resp: 667712

Ion Ratio Lower Upper

43 100

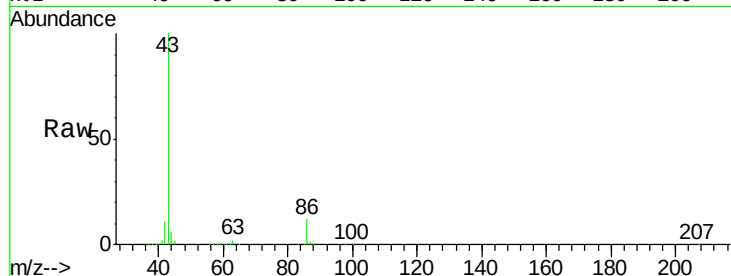
86 11.9 10.1 15.1

Manual Integrations

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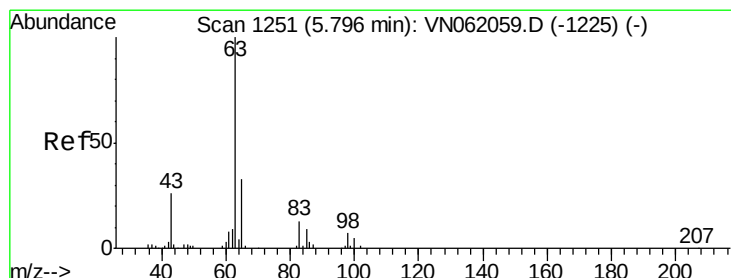
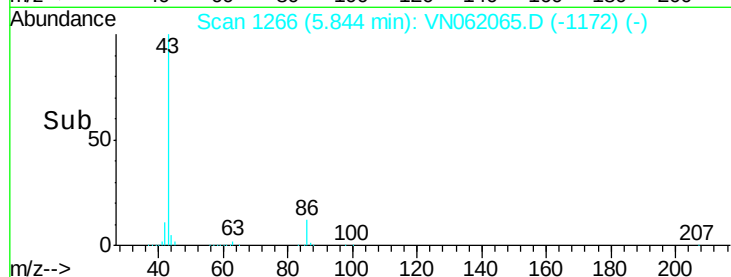
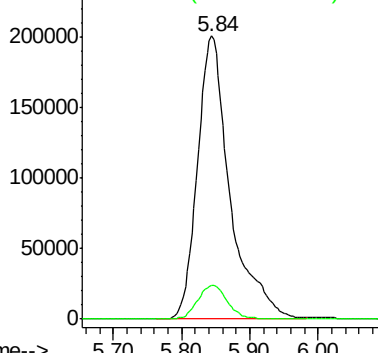
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 18.069 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

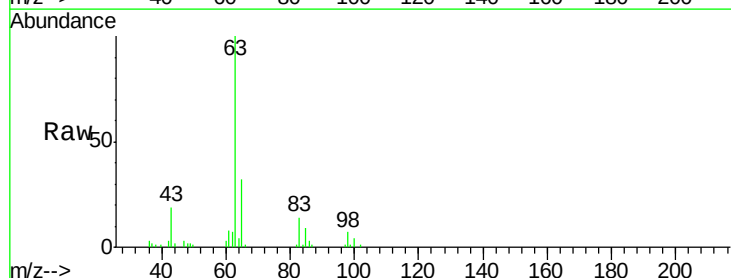
Tgt Ion: 63 Resp: 103129

Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.9

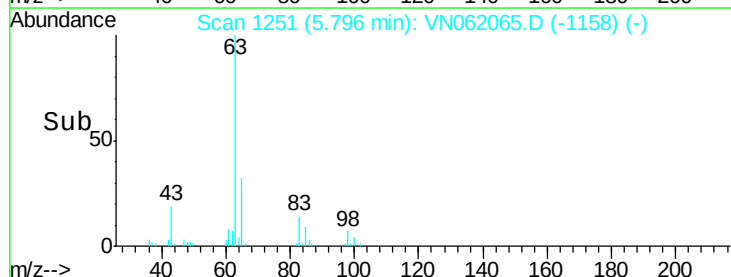
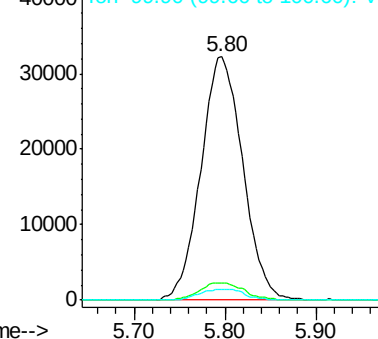
100 4.4 2.4 7.1

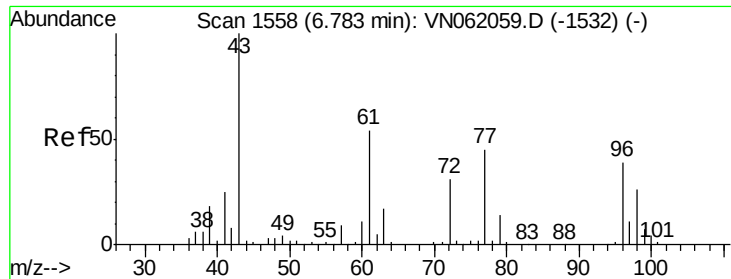


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





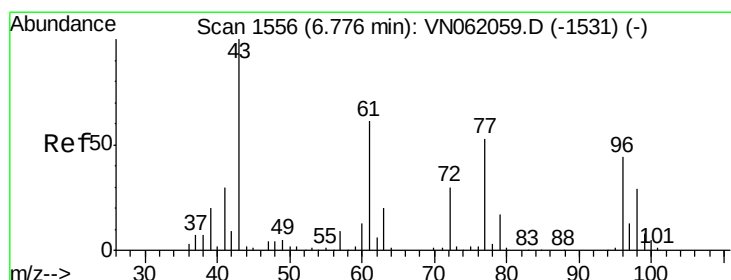
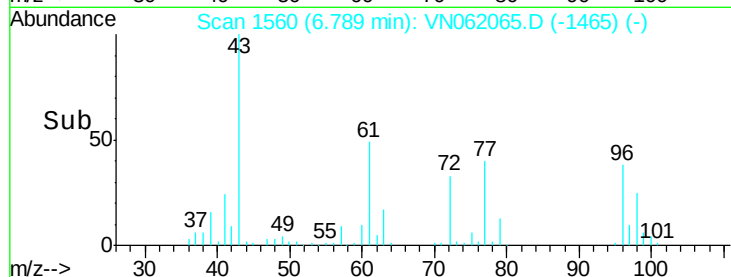
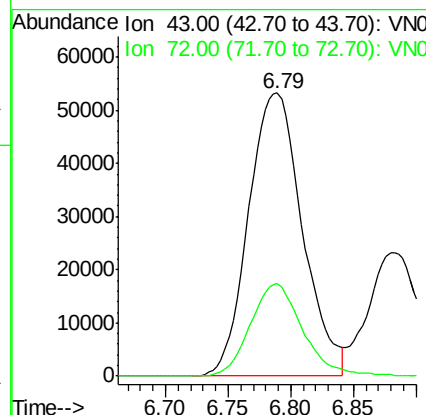
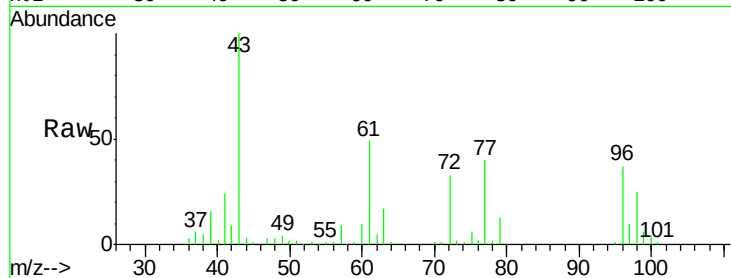
#25
2-Butanone
Concen: 93.096 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. 0.01 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

Tot Ion: 43 Resp: 159007
Ion Ratio Lower Upper
43 100
72 32.5 24.8 37.2

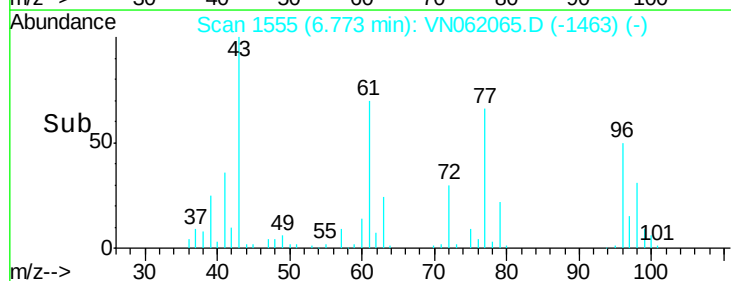
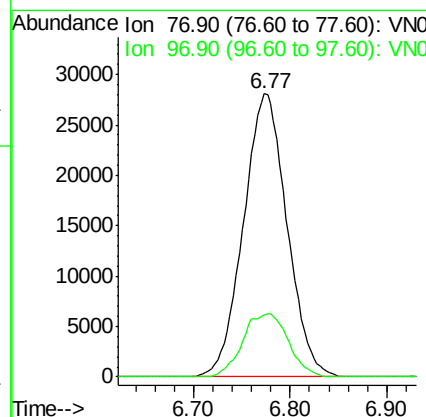
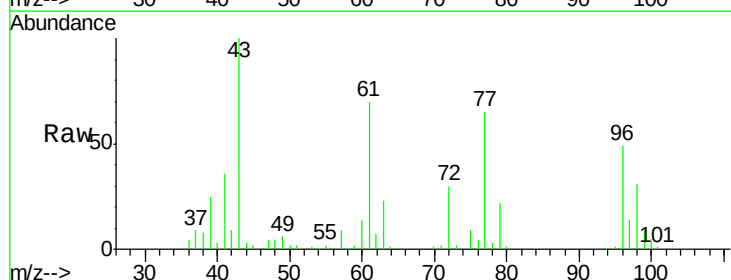
Manual Integrations
APPROVED

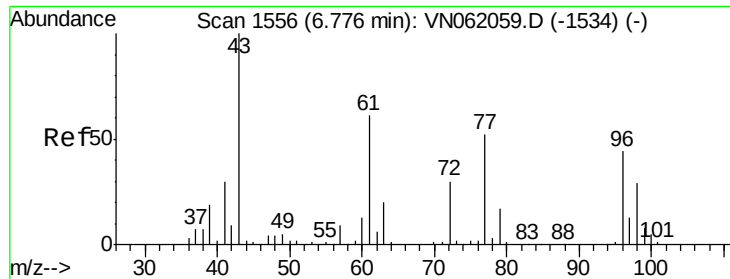
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#26
2,2-Dichloropropane
Concen: 18.458 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

Tgt Ion: 77 Resp: 87790
Ion Ratio Lower Upper
77 100
97 23.3 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 17.714 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Instrument :

MSVOA_N

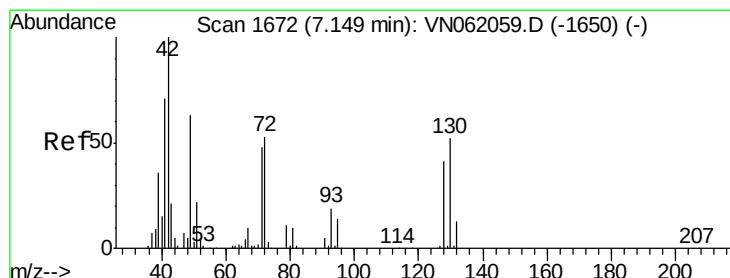
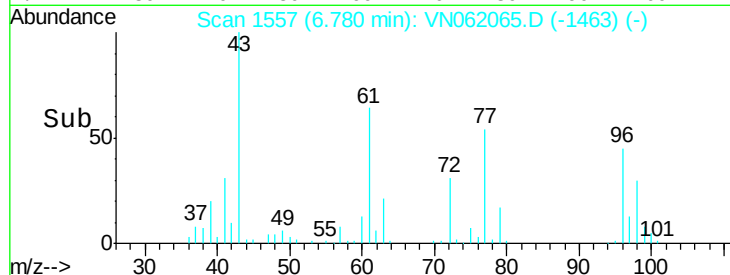
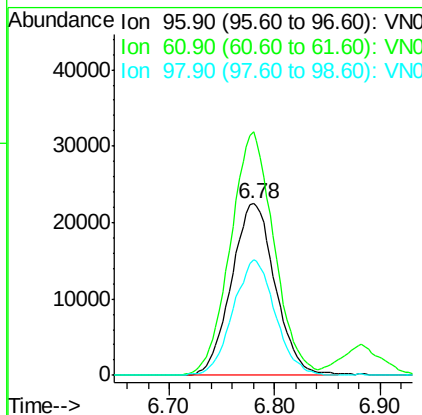
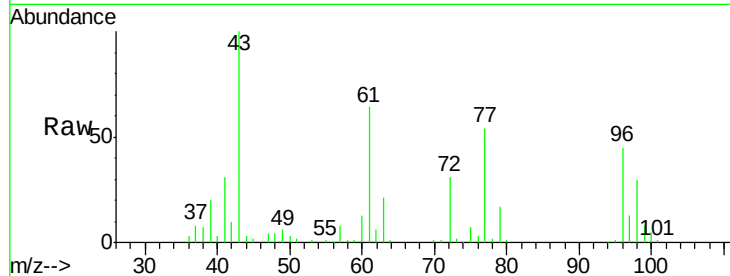
ClientSampleId :

VN0624WBS01

Tot Ion:	96	Resp:	64924
Ion	Ratio	Lower	Upper
96	100		
61	140.9	0.0	280.4
98	64.8	0.0	129.4

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#28

Bromochloromethane

Concen: 19.428 ug/l

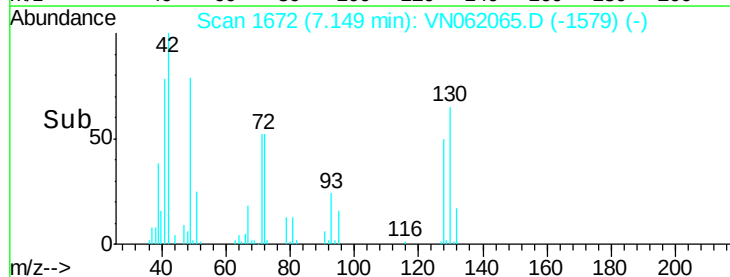
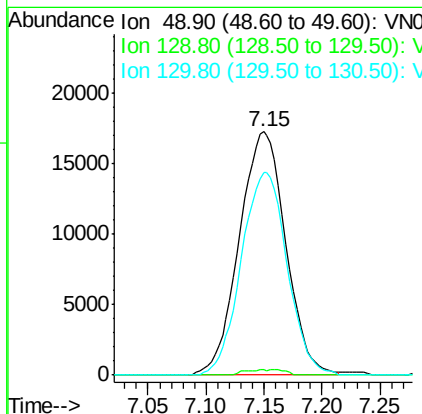
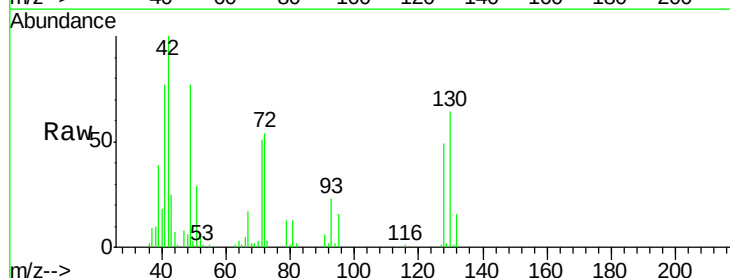
RT: 7.15 min Scan# 1672

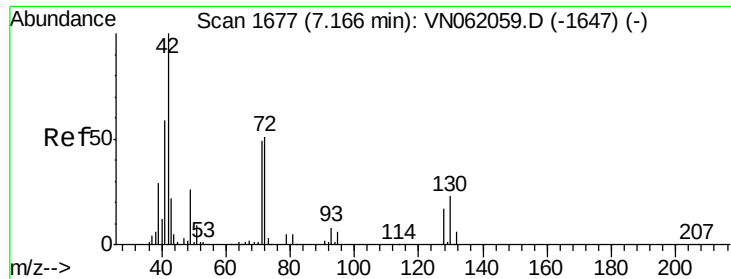
Delta R.T. 0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Tgt Ion:	49	Resp:	48110
Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	4.4
130	82.2	65.5	98.3





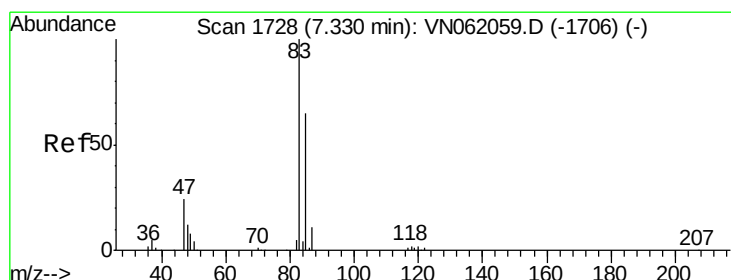
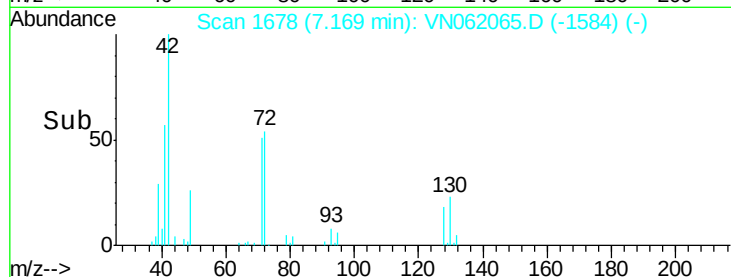
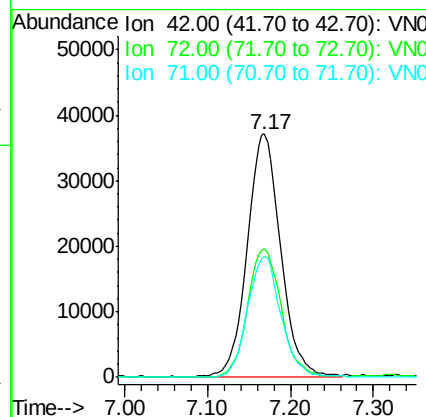
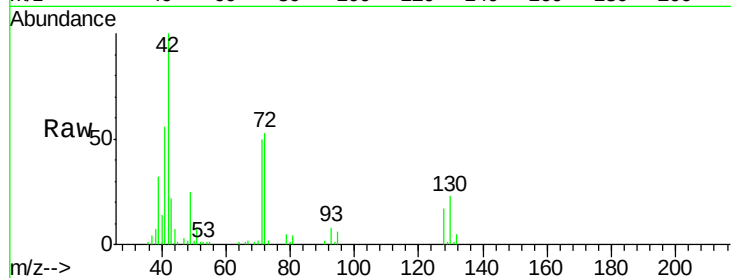
#29
Tetrahydrofuran
Concen: 93.367 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	53.0	41.1	61.7
71	49.3	38.2	57.4

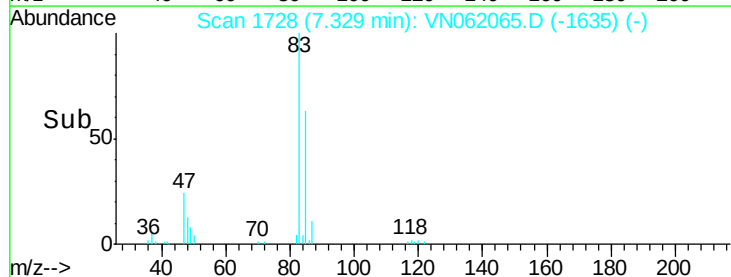
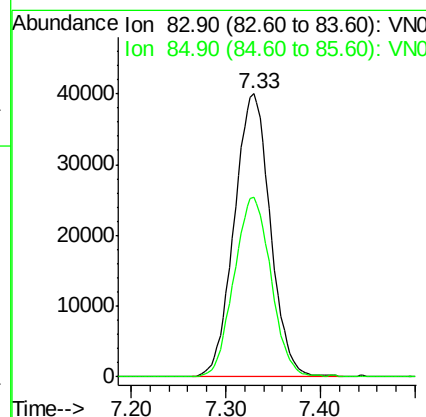
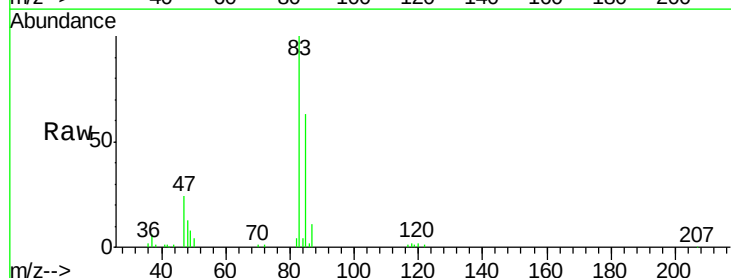
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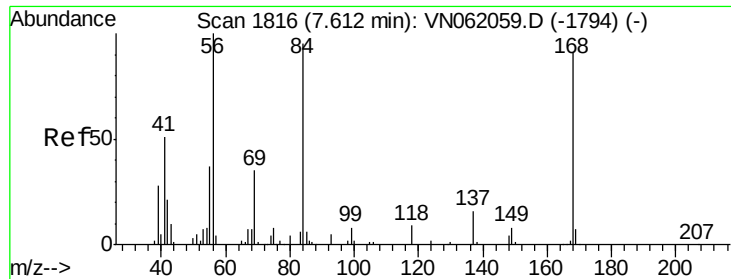
MMDadoda
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#30
Chloroform
Concen: 18.248 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.3	78.5





#31

Cyclohexane

Concen: 17.878 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Instrument :

MSVOA_N

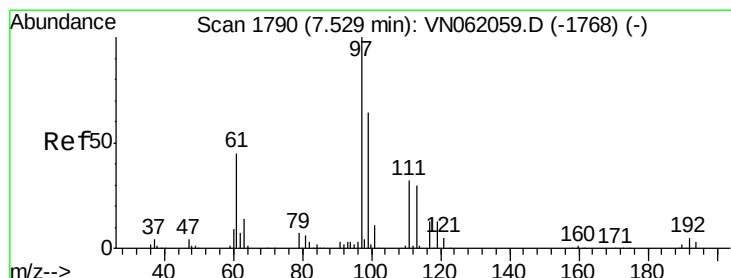
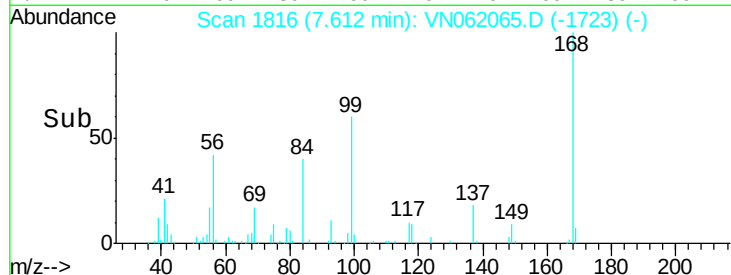
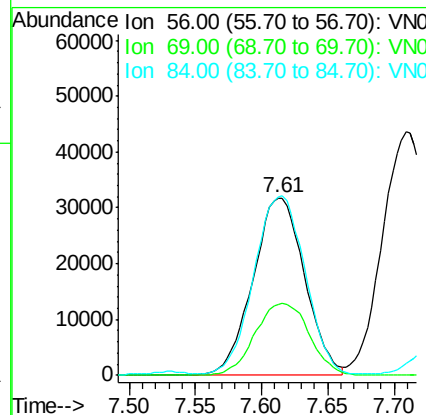
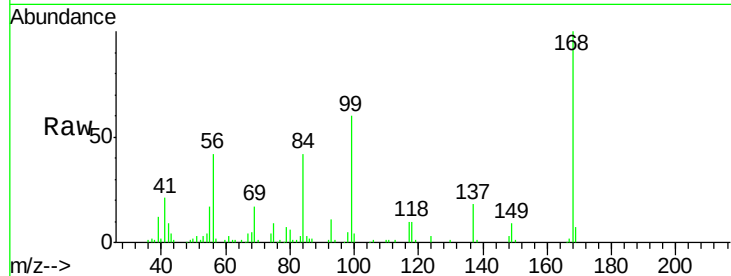
ClientSampleId :

VN0624WBS01

Tot Ion:	56	Resp:	86313
Ion Ratio	Lower	Upper	
56	100		
69	40.2	28.0	42.0
84	99.4	76.1	114.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.221 ug/l

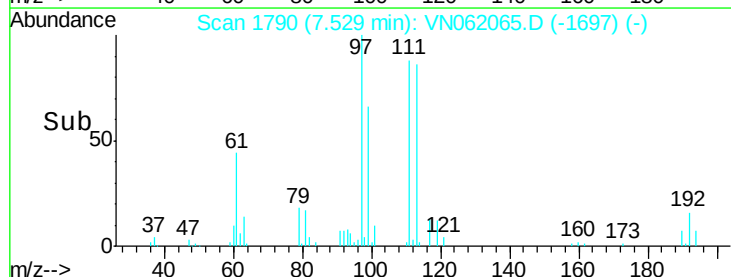
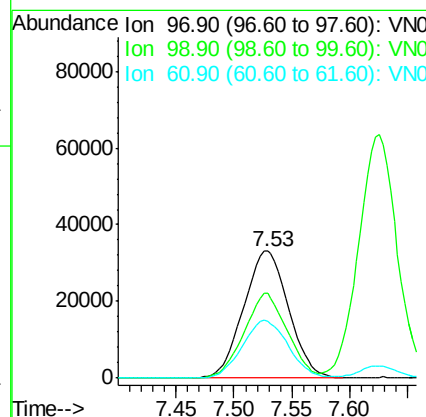
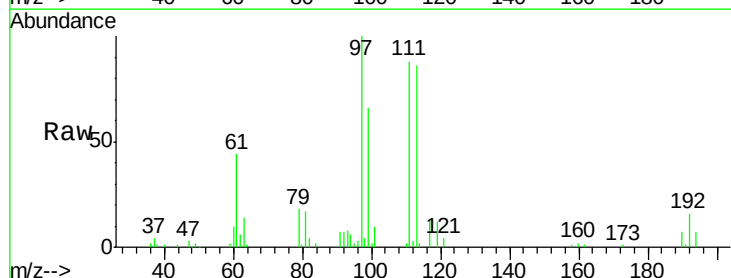
RT: 7.53 min Scan# 1790

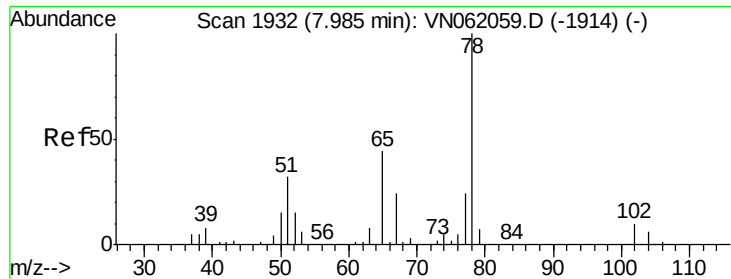
Delta R.T. -0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Tgt Ion:	97	Resp:	89231
Ion Ratio	Lower	Upper	
97	100		
99	64.0	51.0	76.4
61	46.2	36.2	54.2





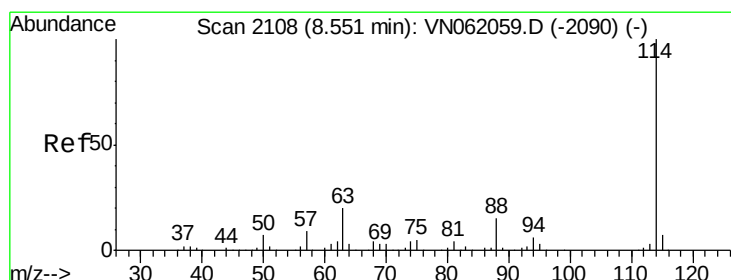
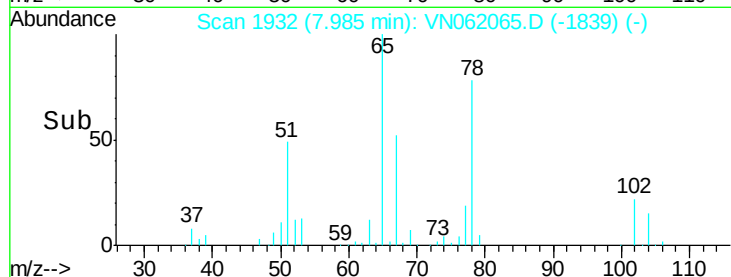
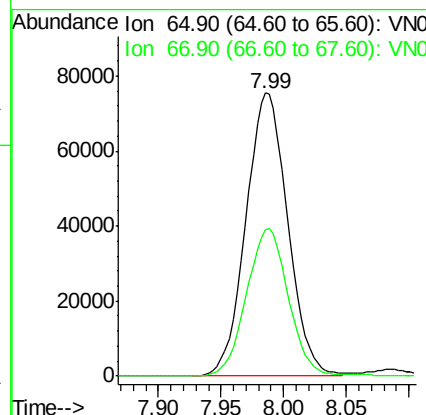
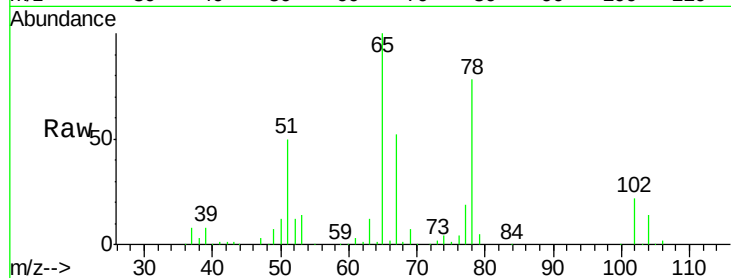
#33
 1,2-Dichloroethane-d4
 Concen: 50.169 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062065.D
 Acq: 24 Jun 2020 16:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	175308		
67	51.9	0.0	106.2	

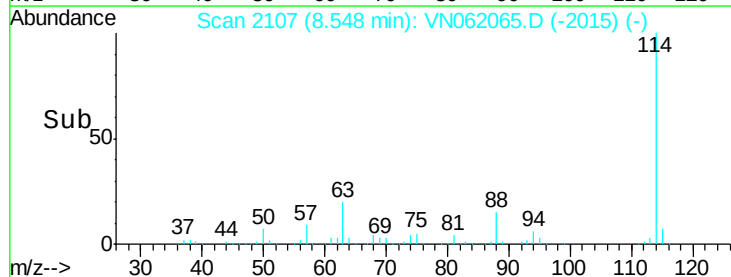
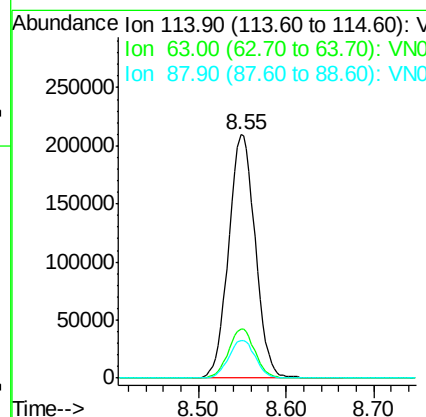
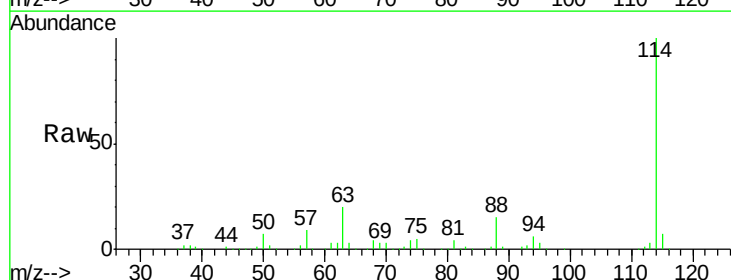
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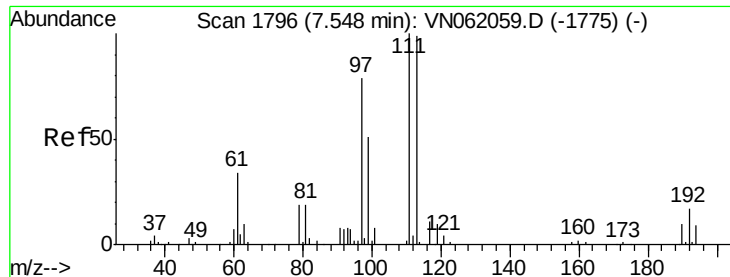
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062065.D
 Acq: 24 Jun 2020 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	442395		
63	20.2	0.0	39.2	
88	15.5	0.0	30.8	





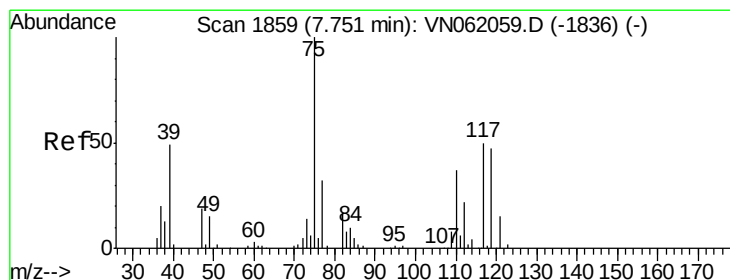
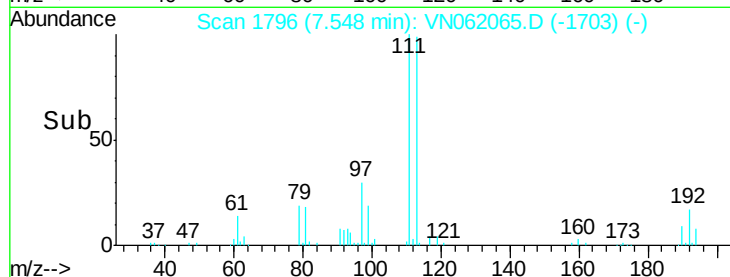
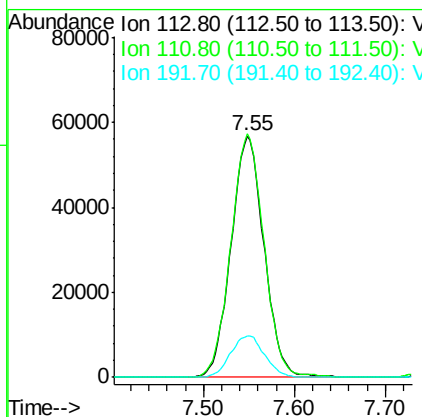
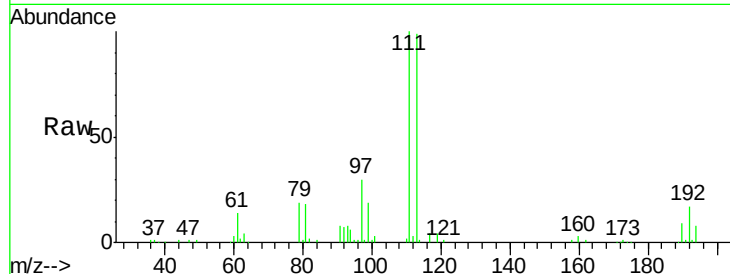
#35
 Dibromofluoromethane
 Concen: 50.326 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062065.D
 Acq: 24 Jun 2020 16:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.4	82.2	123.4	
192	17.6	14.0	21.0	

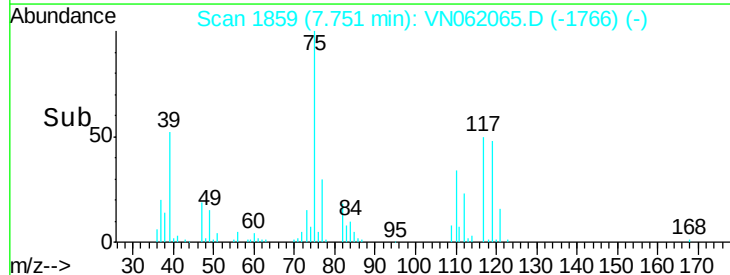
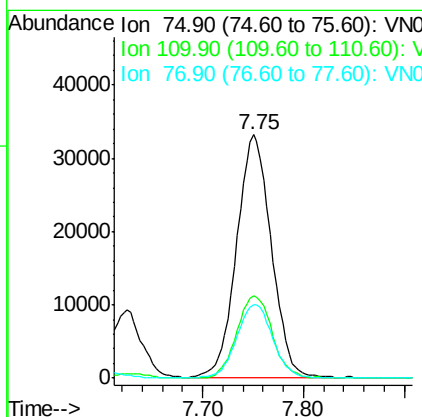
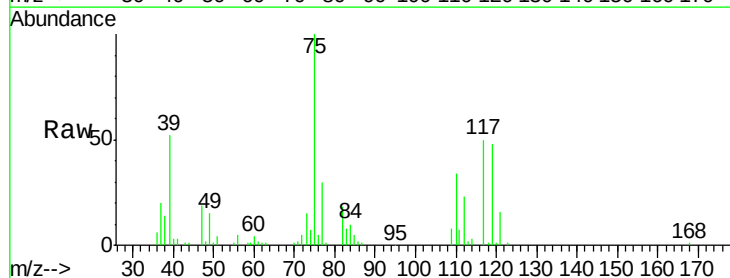
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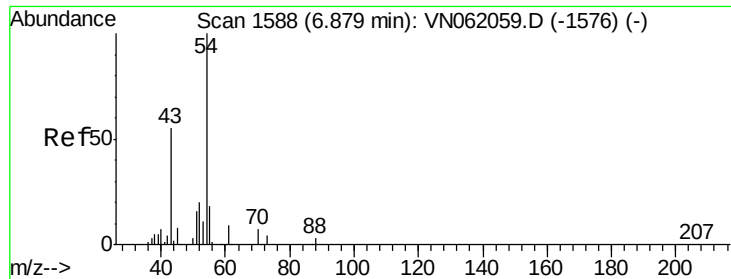
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#36
 1,1-Dichloropropene
 Concen: 17.839 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062065.D
 Acq: 24 Jun 2020 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	34.3	17.9	53.8	
77	31.2	24.9	37.3	





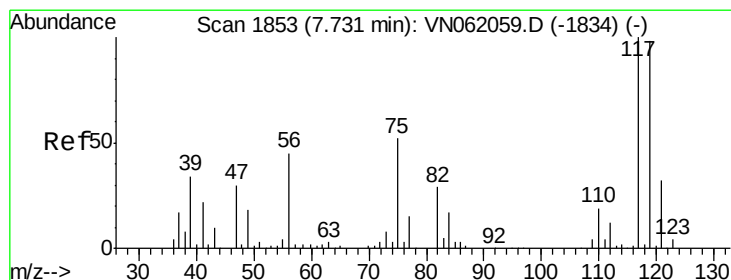
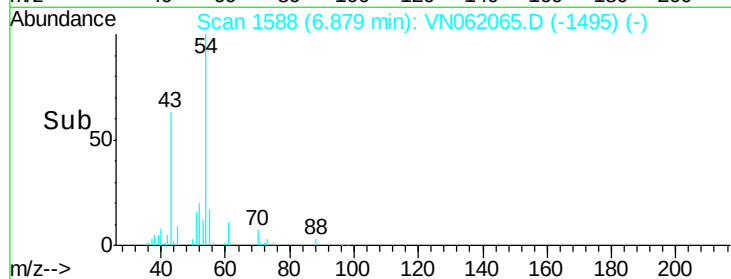
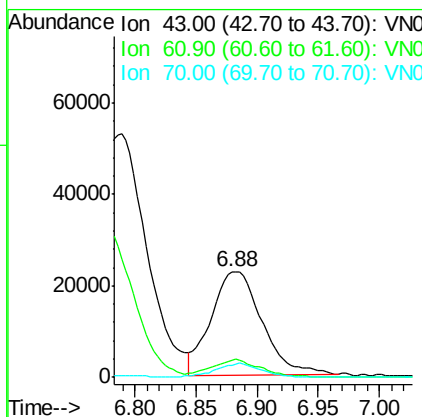
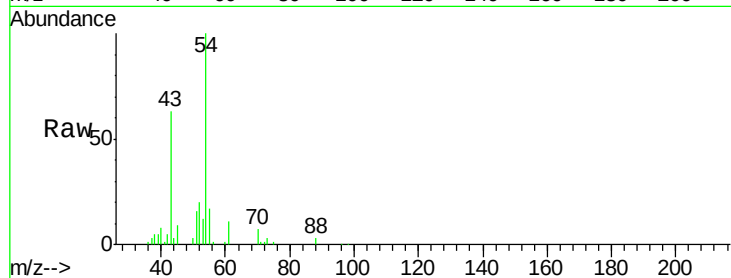
#37
Ethyl Acetate
Concen: 17.886 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.8	12.0	18.0
70	12.2	9.6	14.4

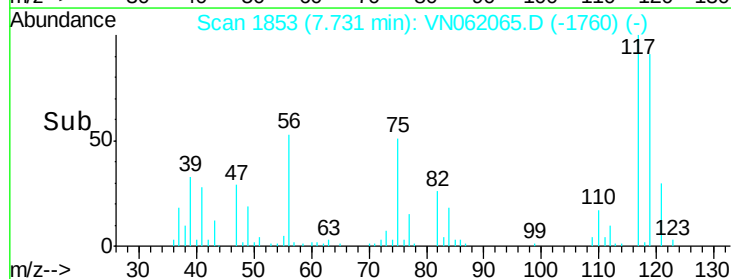
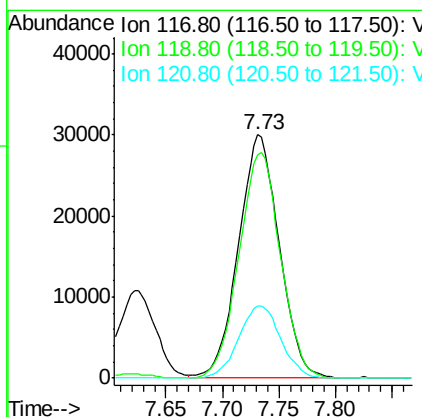
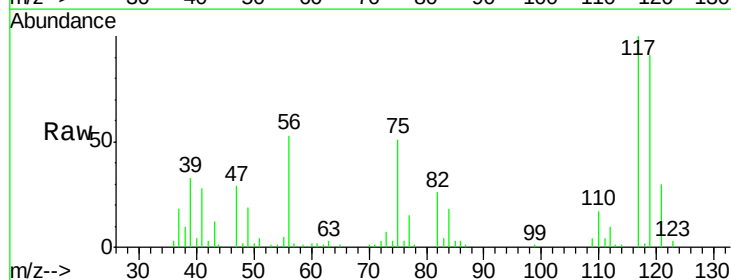
Manual Integrations
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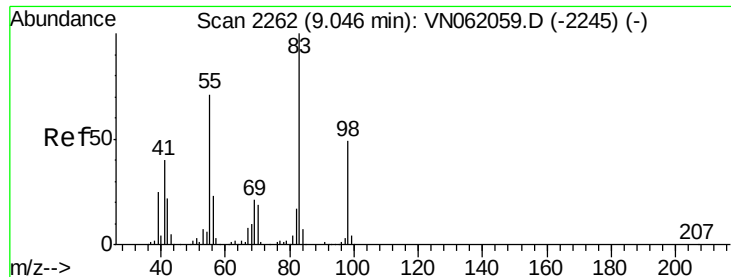
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#38
Carbon Tetrachloride
Concen: 17.992 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.5	78.2	117.2
121	29.7	25.8	38.6





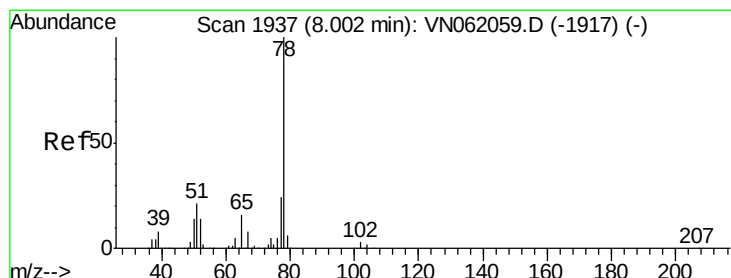
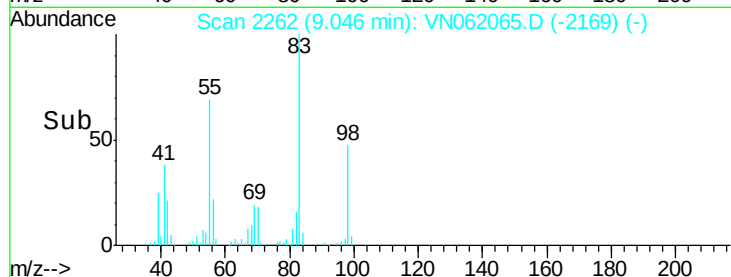
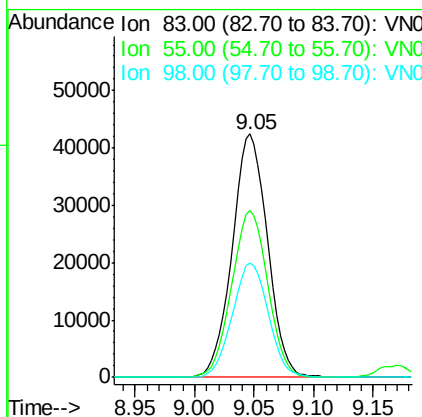
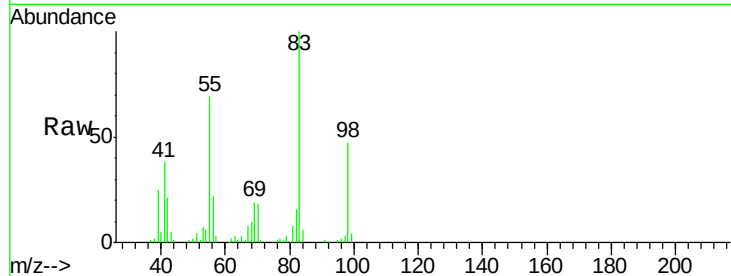
#39
Methylvlcyclohexane
Concen: 17.917 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

Instrument :
MSVOA_N
ClientSampled :
VN0624WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.7	57.0	85.6
98	47.0	39.0	58.6

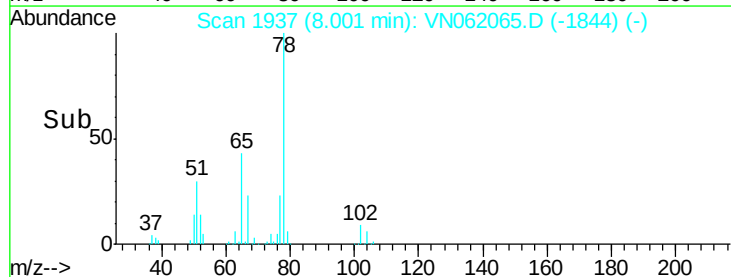
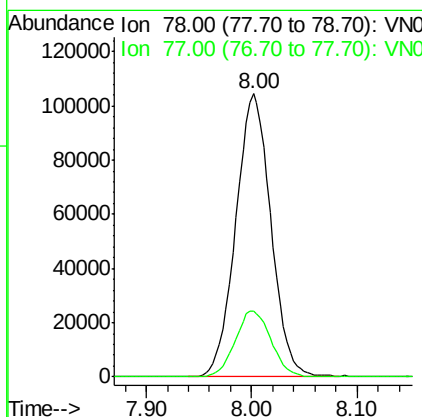
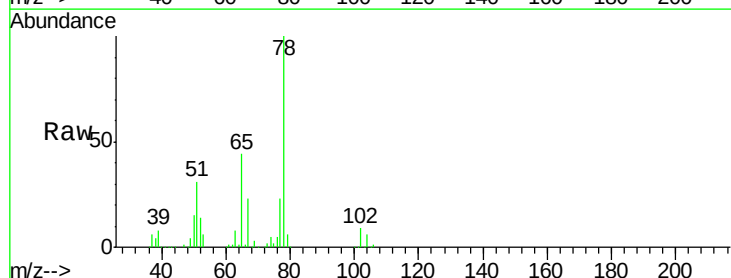
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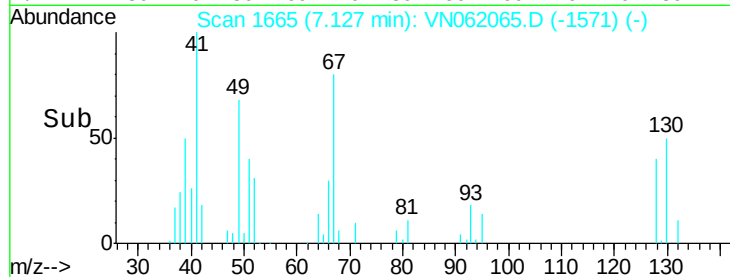
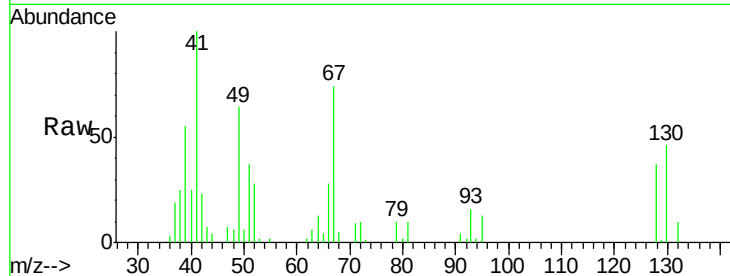
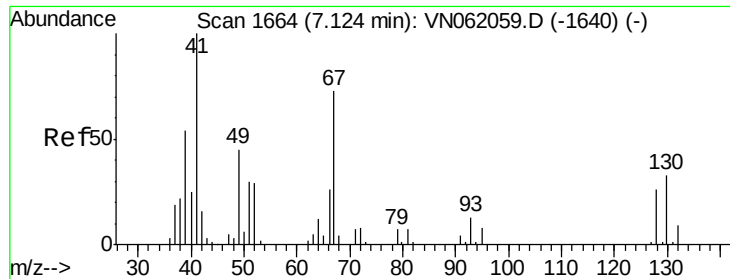
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#40
Benzene
Concen: 17.831 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

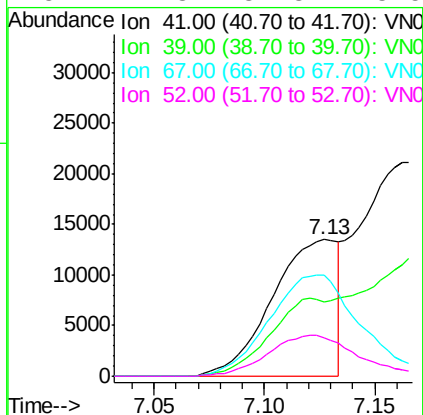
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.5	29.3





#41
Methacrylonitrile
Concen: 16.296 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

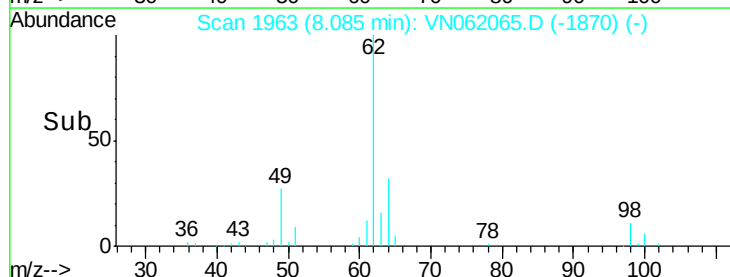
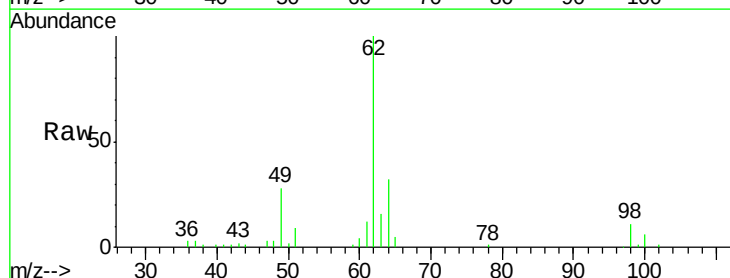
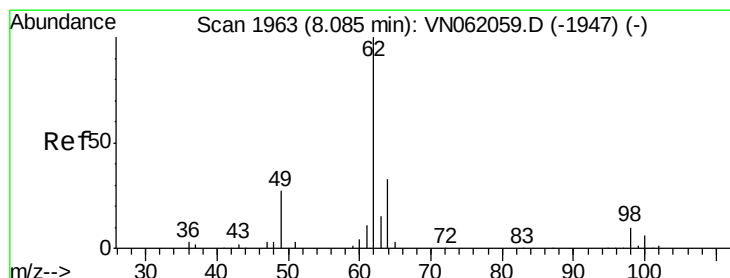
Tot Ion	Ratio	Lower	Upper
41	100		
39	47.0	44.2	66.2
67	103.6	79.5	119.3
52	41.8	32.3	48.5



Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

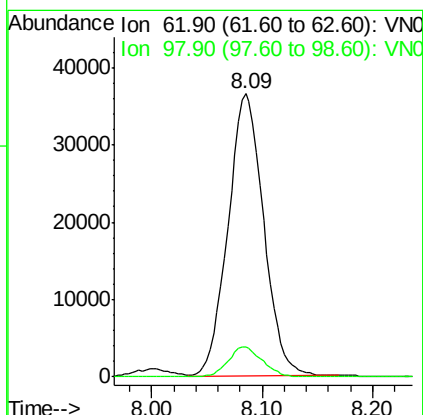
Manual Integrations
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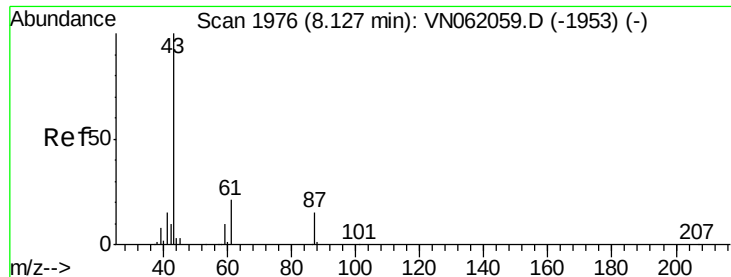
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#42
1,2-Dichloroethane
Concen: 17.860 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.8





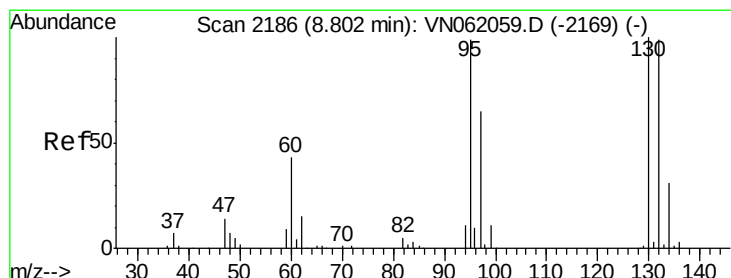
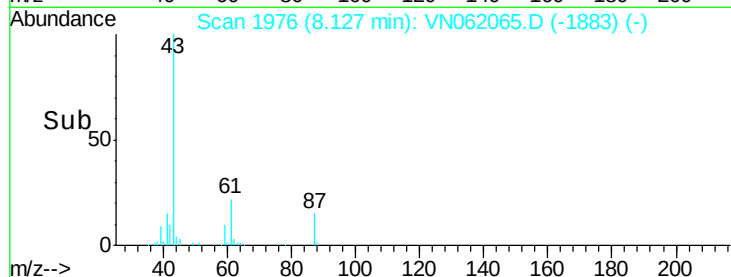
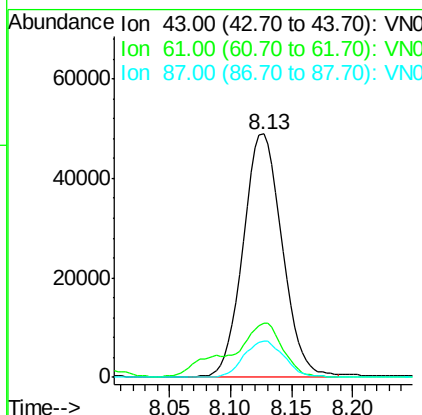
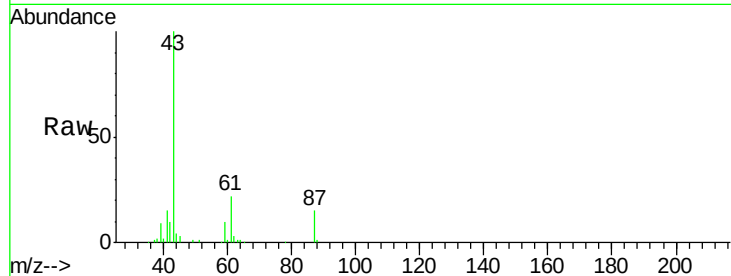
#43
Isopropyl Acetate
Concen: 18.065 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

Tot Ion	43	Resp	108432
Ion Ratio	100	Lower	Upper
43	100		
61	21.6	17.2	25.8
87	15.3	12.1	18.1

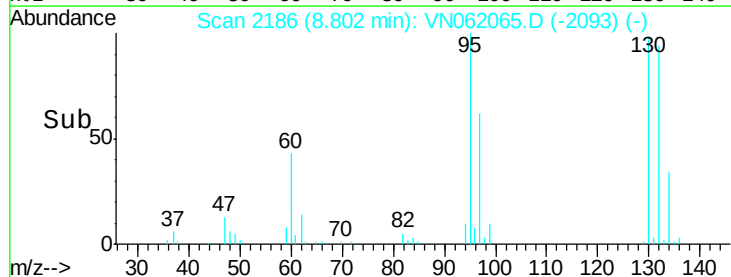
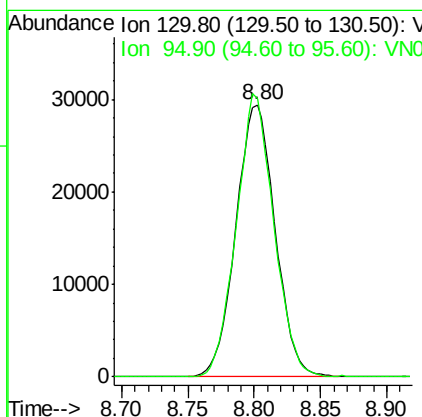
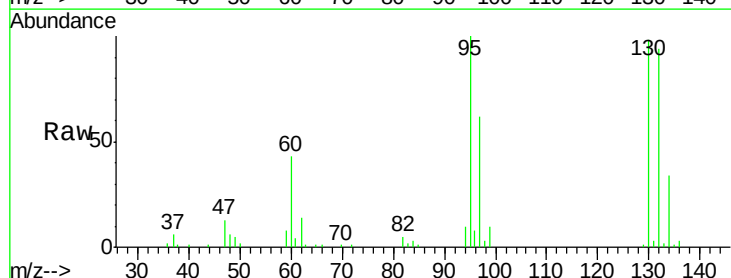
Manual Integrations
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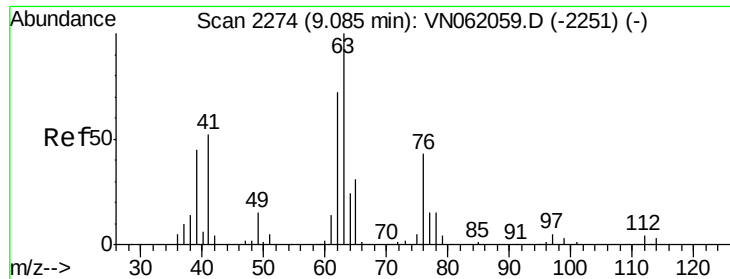
MMDadoda
6/25/2020 6:10:23 PM



#44
Trichloroethene
Concen: 17.713 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

Tgt Ion	130	Resp	60560
Ion Ratio	100	Lower	Upper
130	100		
95	102.3	0.0	197.8





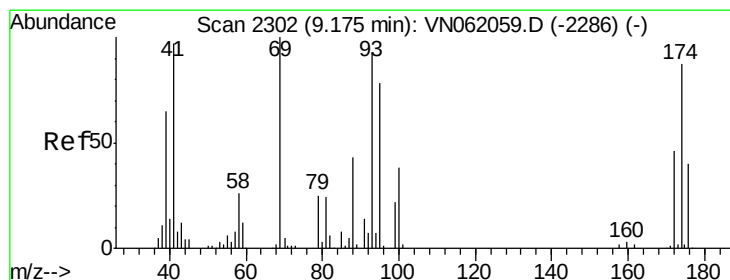
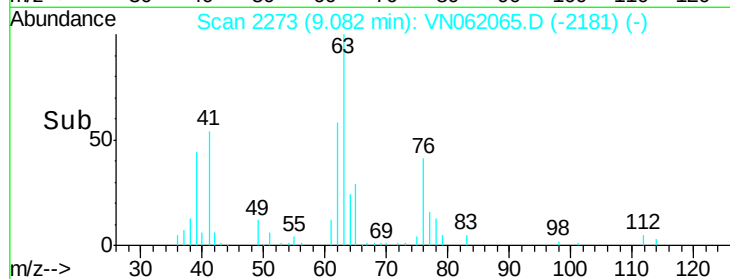
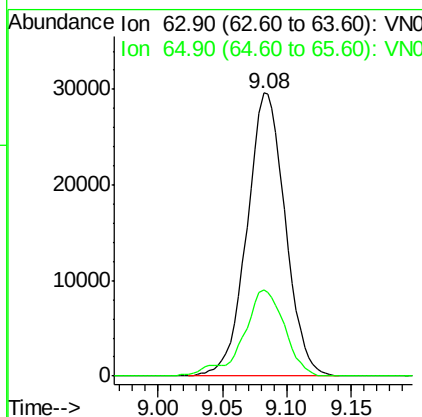
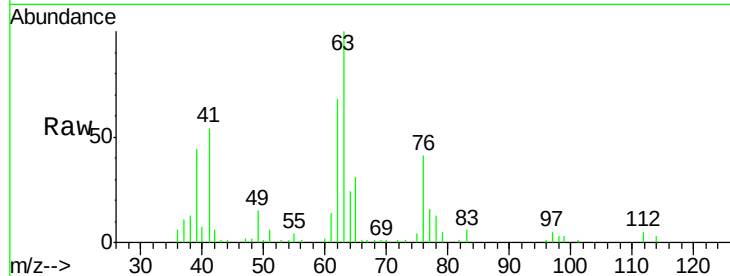
#45
 1,2-Dichloropropane
 Concen: 18.303 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062065.D
 Acq: 24 Jun 2020 16:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS01

Tot Ion: 63 Resp: 61200
 Ion Ratio Lower Upper
 63 100
 65 30.5 25.0 37.4

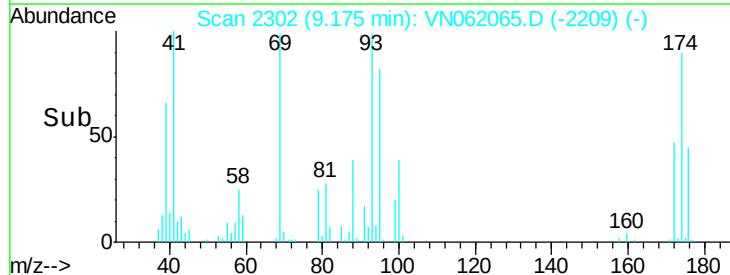
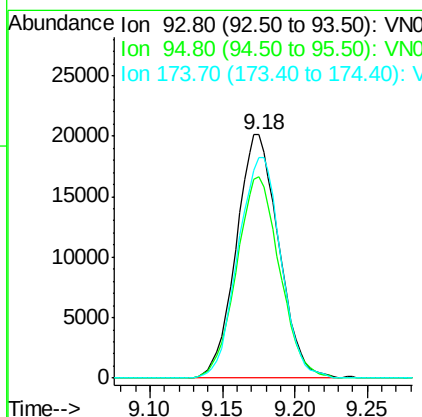
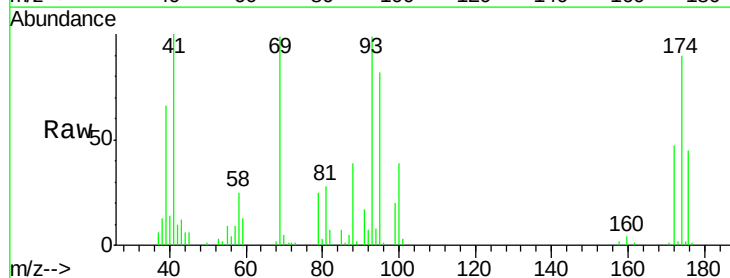
Manual Integrations
 APPROVED

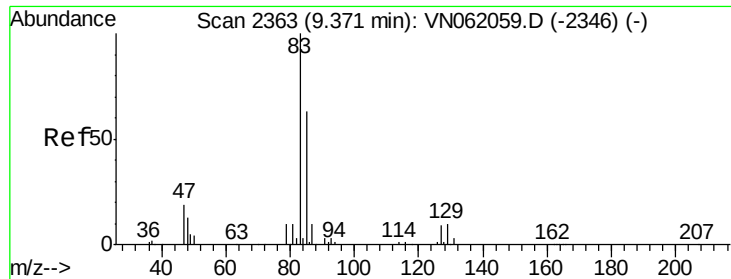
MMDadoda
 6/25/2020 6:10:23 PM



#46
 Dibromomethane
 Concen: 18.077 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062065.D
 Acq: 24 Jun 2020 16:09

Tgt Ion: 93 Resp: 40982
 Ion Ratio Lower Upper
 93 100
 95 83.8 67.0 100.6
 174 91.3 74.4 111.6





#47

Bromodichloromethane

Concen: 17.964 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Instrument :

MSVOA_N

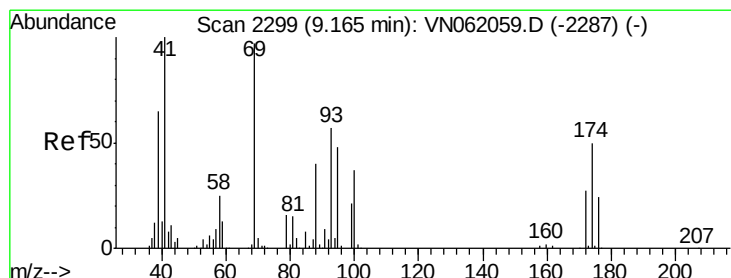
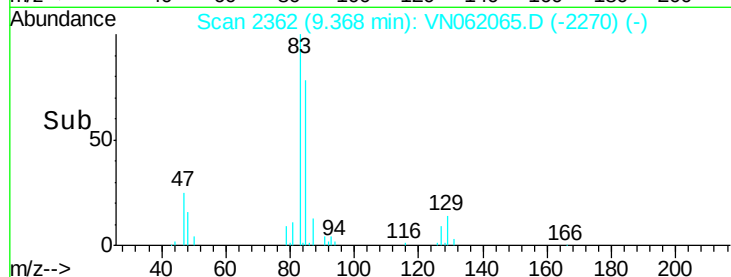
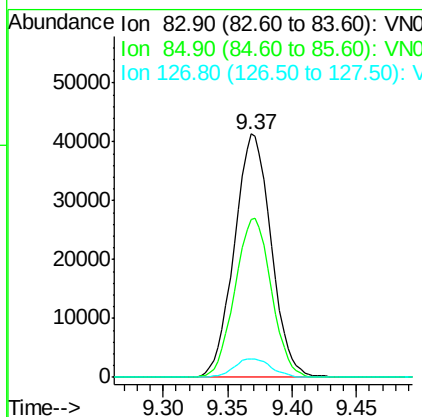
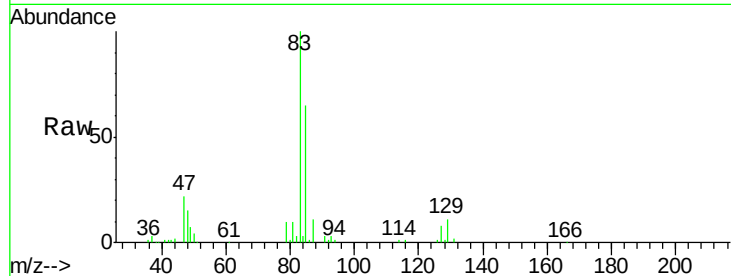
ClientSampleId :

VN0624WBS01

Tot Ion:	83	Resp:	82228
Ion	Ratio	Lower	Upper
83	100		
85	64.7	50.3	75.5
127	7.6	6.9	10.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.727 ug/l

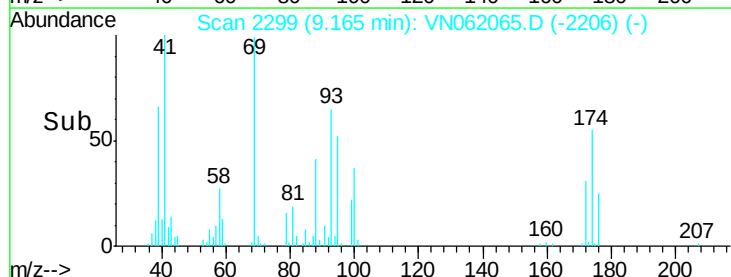
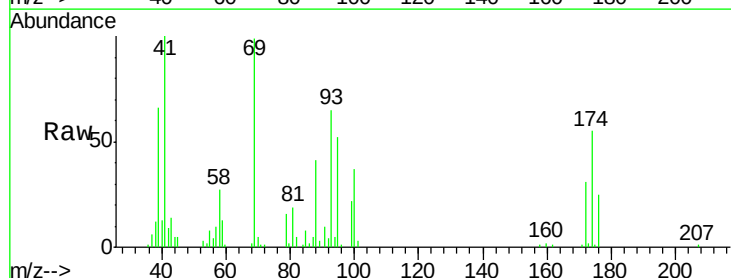
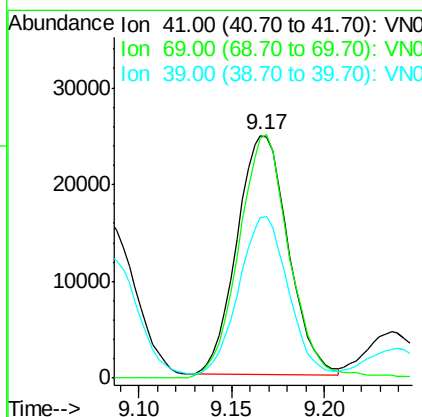
RT: 9.17 min Scan# 2299

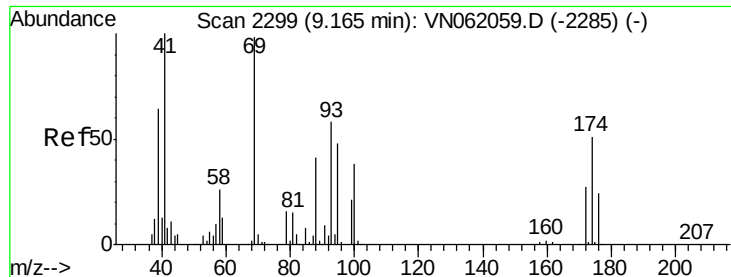
Delta R.T. -0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Tgt Ion:	41	Resp:	47710
Ion	Ratio	Lower	Upper
41	100		
69	100.2	80.7	121.1
39	66.5	54.5	81.7





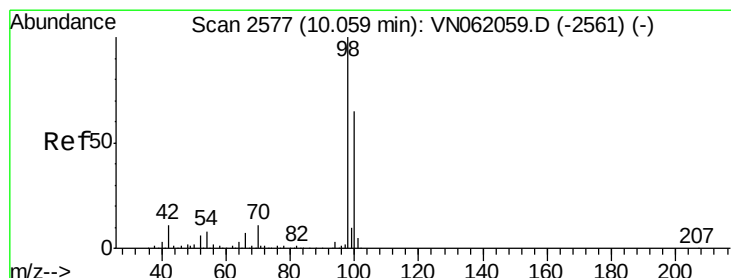
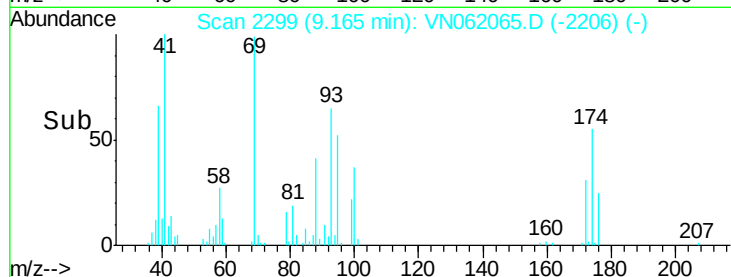
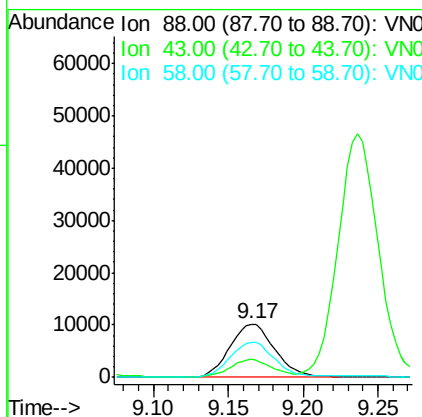
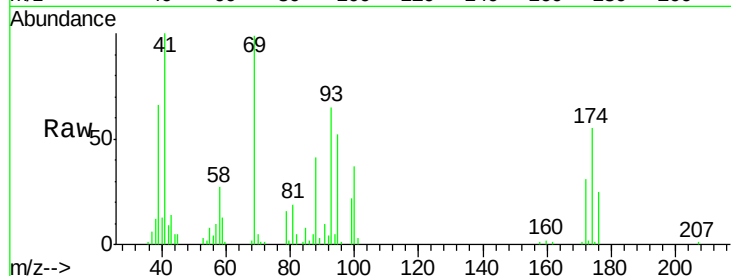
#49
1,4-Dioxane
Concen: 356.797 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

Tot Ion	88	Resp	21295
Ion Ratio	Lower	Upper	
88	100		
43	31.5	22.0	33.0
58	65.1	49.2	73.8

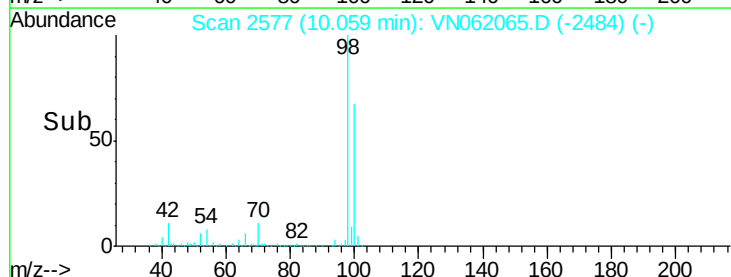
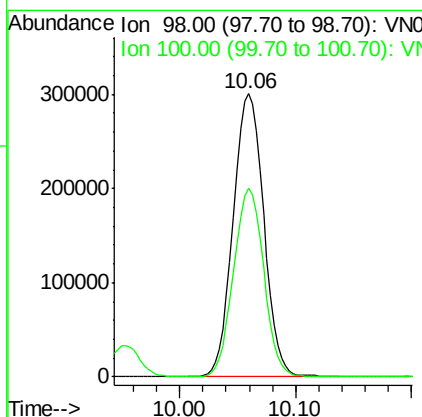
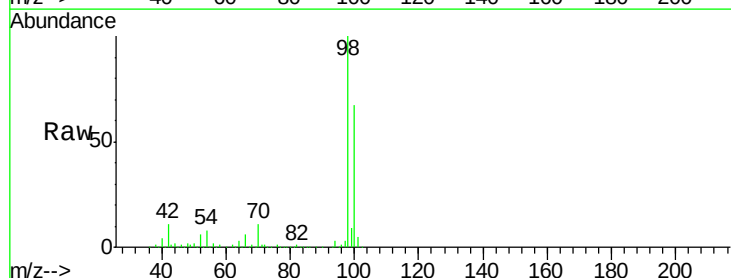
Manual Integrations
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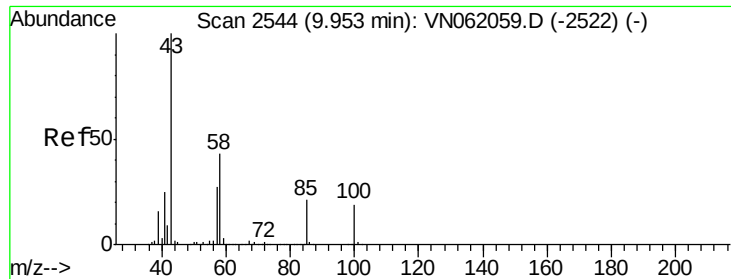
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#50
Toluene-d8
Concen: 48.592 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

Tgt Ion	98	Resp	551284
Ion Ratio	Lower	Upper	
98	100		
100	65.6	51.2	76.8





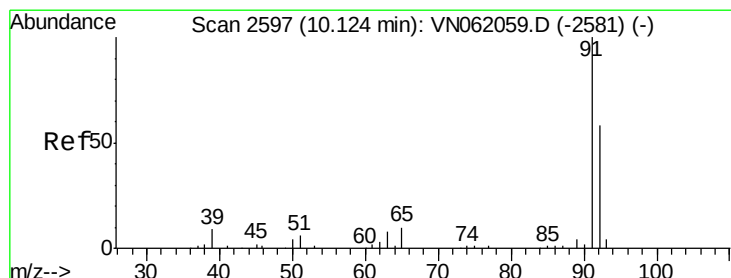
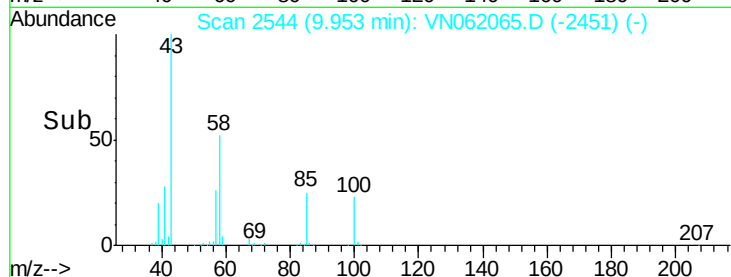
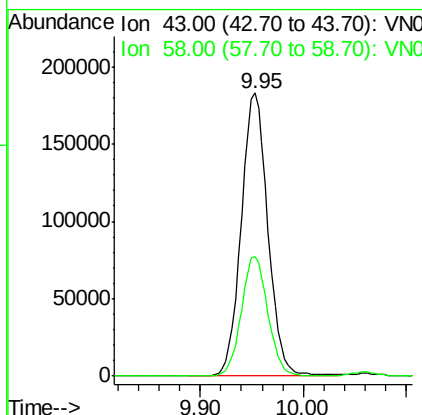
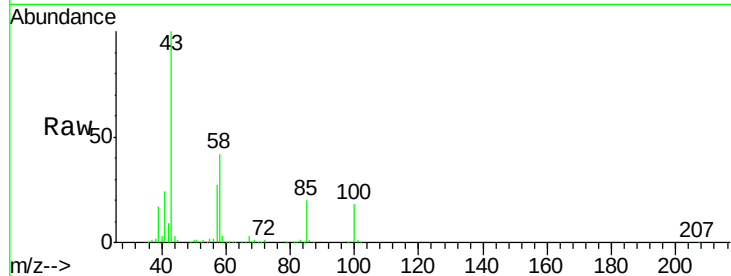
#51
4-Methyl-2-Pentanone
Concen: 93.817 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. -0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

Tot Ion: 43 Resp: 329014
Ion Ratio Lower Upper
43 100
58 42.1 34.2 51.2

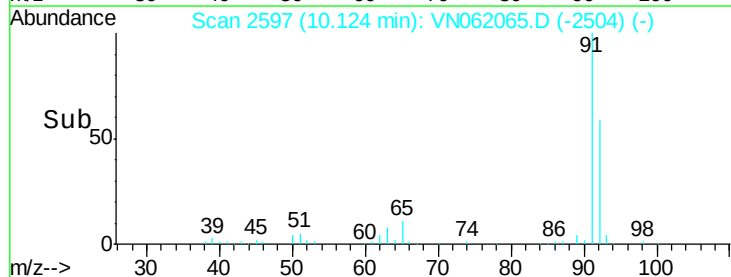
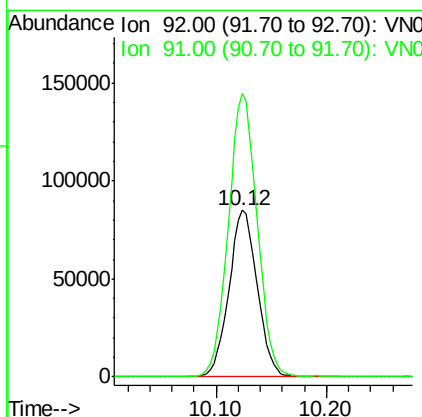
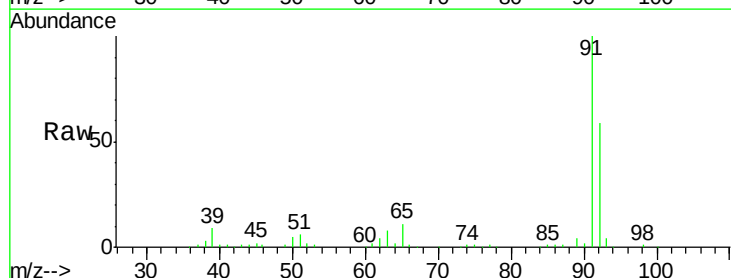
Manual Integrations
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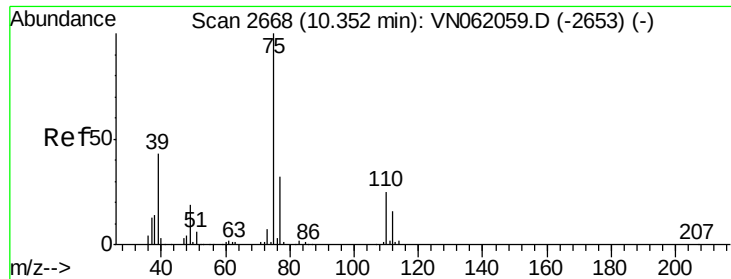
MMDadoda
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#52
Toluene
Concen: 18.297 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

Tgt Ion: 92 Resp: 151313
Ion Ratio Lower Upper
92 100
91 172.3 137.4 206.0





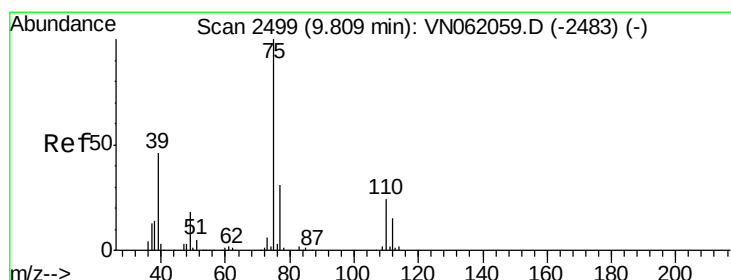
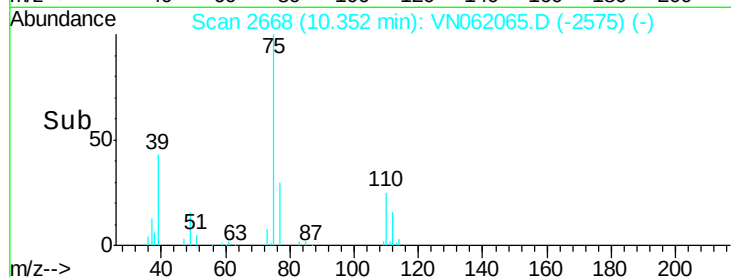
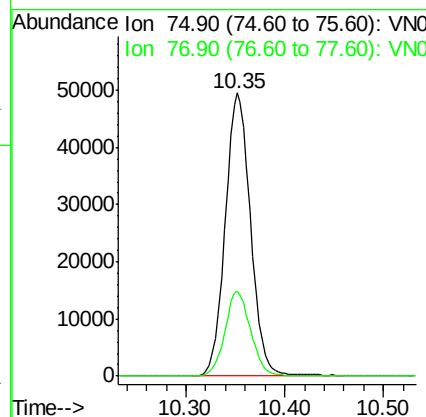
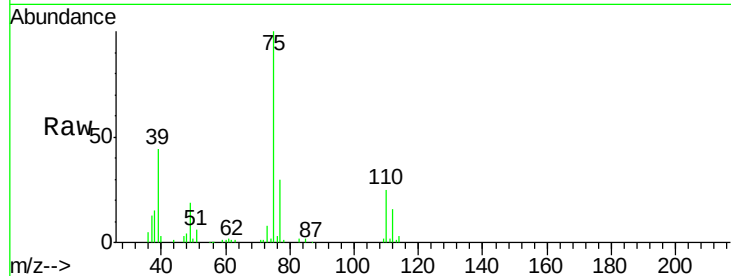
#53
t-1,3-Dichloropropene
Concen: 17.731 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.2	25.5	38.3

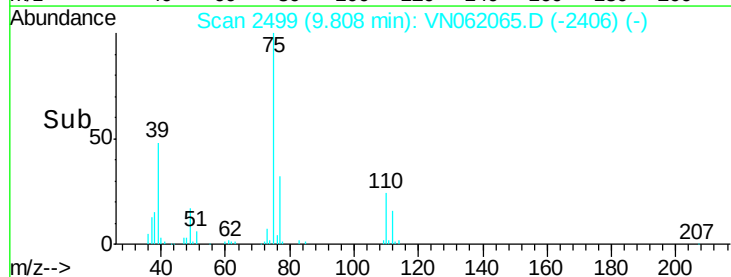
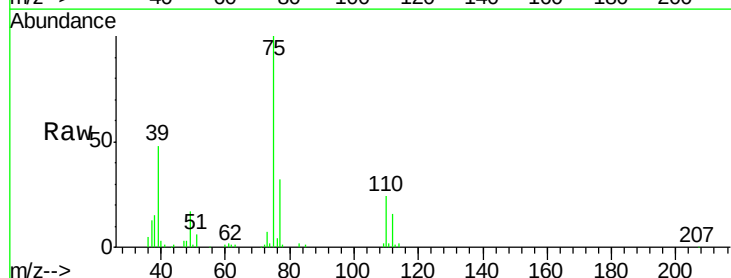
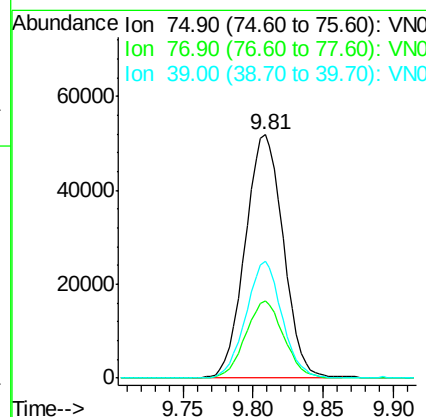
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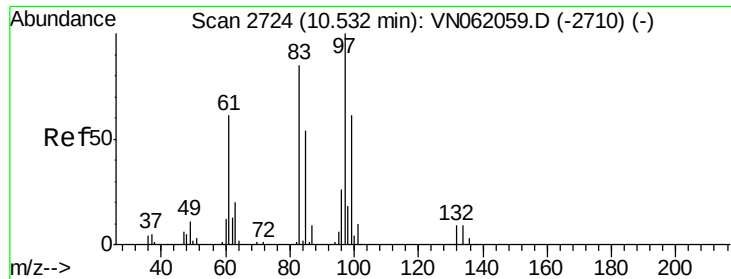
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#54
cis-1,3-Dichloropropene
Concen: 18.342 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.0	37.6
39	48.0	36.9	55.3





#55

1,1,2-Trichloroethane

Concen: 18.496 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. 0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Instrument :

MSVOA_N

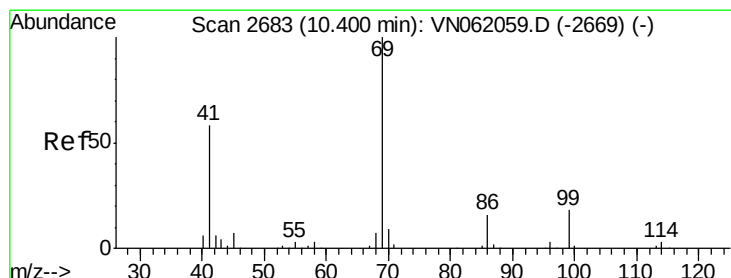
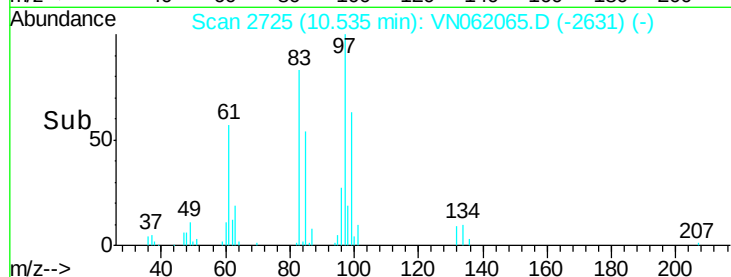
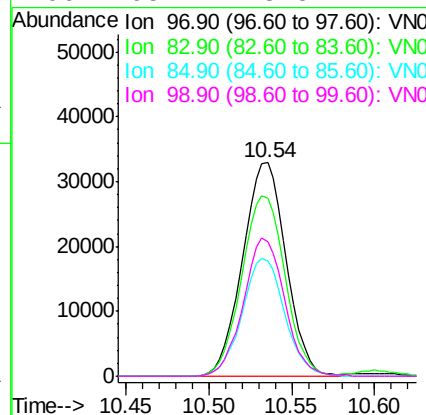
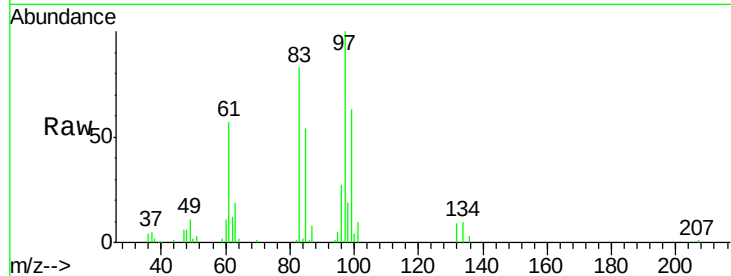
ClientSampled :

VN0624WBS01

Tot Ion:	97	Resp:	60127
Ion	Ratio	Lower	Upper
97	100		
83	83.4	68.2	102.2
85	54.1	43.2	64.8
99	63.2	48.5	72.7

Manual Integrations
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#56

Ethyl methacrylate

Concen: 18.307 ug/l

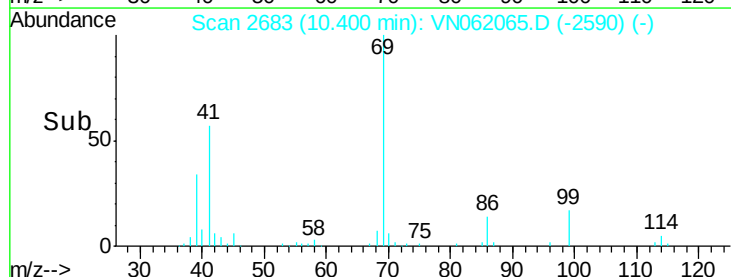
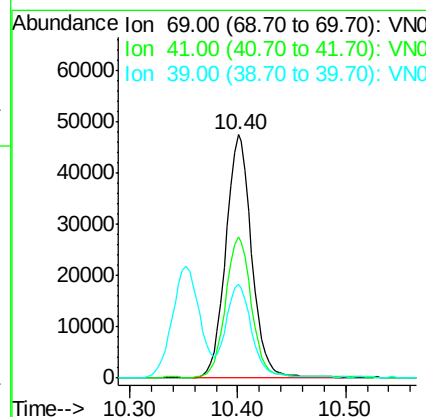
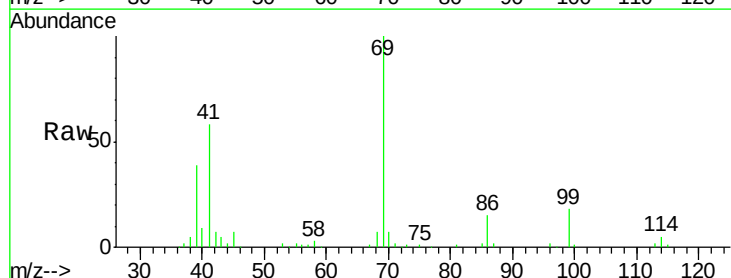
RT: 10.40 min Scan# 2683

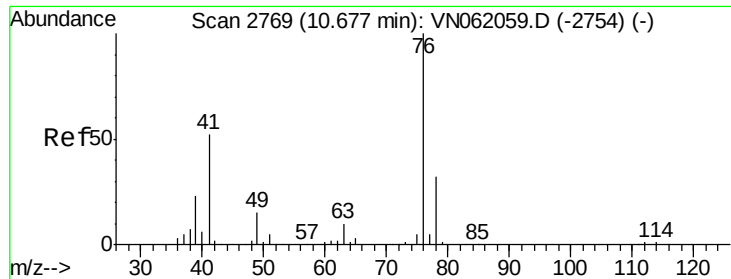
Delta R.T. -0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Tgt Ion:	69	Resp:	79418
Ion	Ratio	Lower	Upper
69	100		
41	59.0	46.6	70.0
39	37.9	31.0	46.4





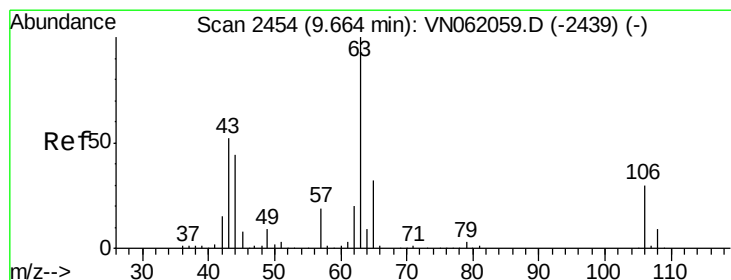
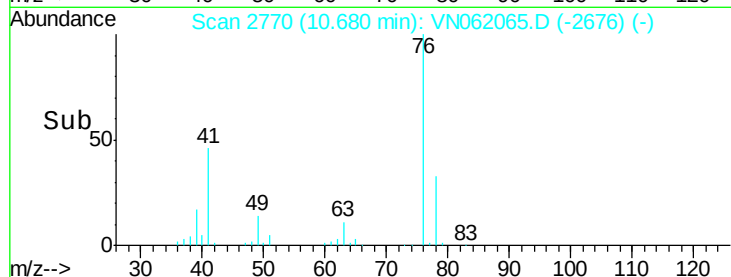
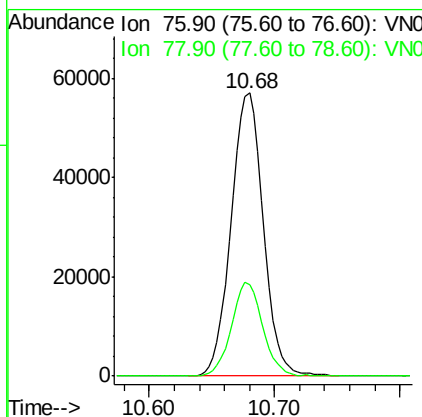
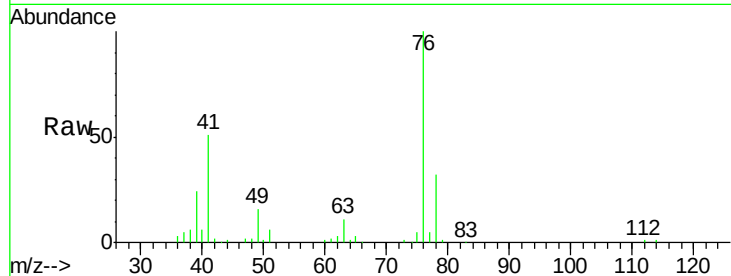
#57
 1,3-Dichloropropane
 Concen: 18.200 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN062065.D
 Acq: 24 Jun 2020 16:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS01

Tot Ion: 76 Resp: 101837
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.8 38.8

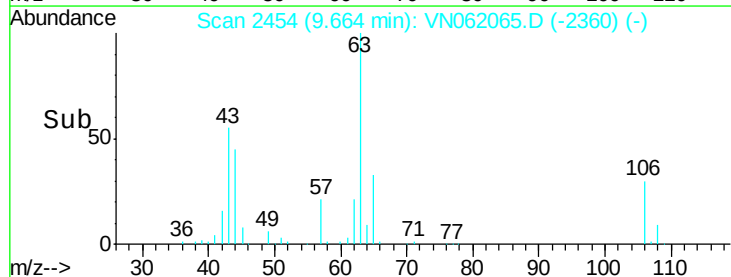
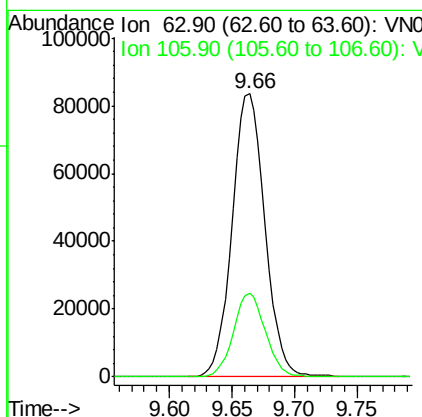
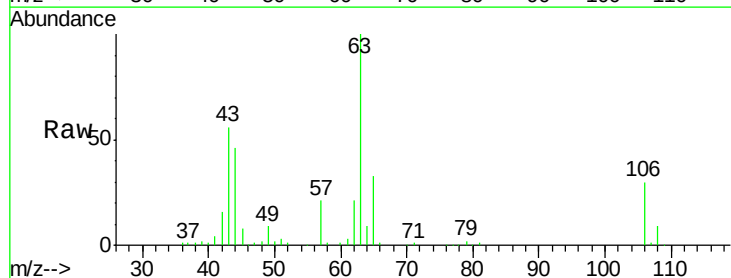
Manual Integrations
 APPROVED

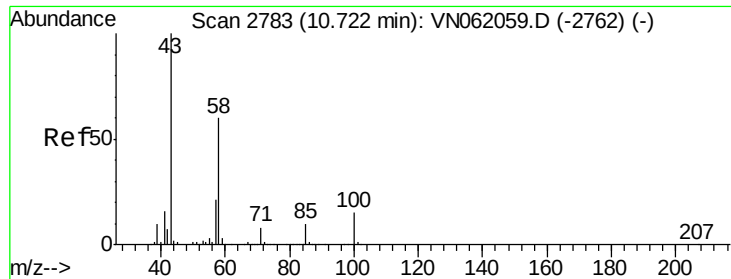
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#58
 2-Chloroethyl Vinyl ether
 Concen: 92.958 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062065.D
 Acq: 24 Jun 2020 16:09

Tgt Ion: 63 Resp: 151727
 Ion Ratio Lower Upper
 63 100
 106 28.7 23.2 34.8





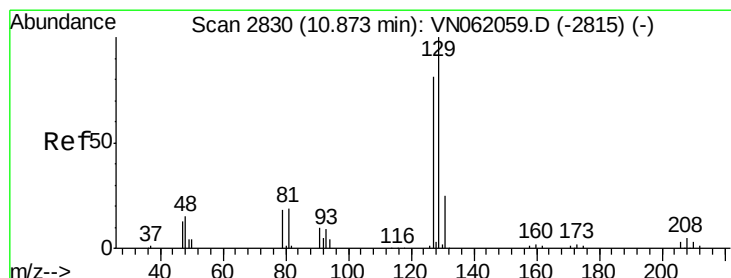
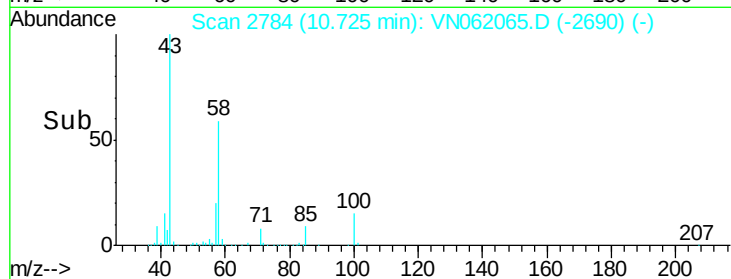
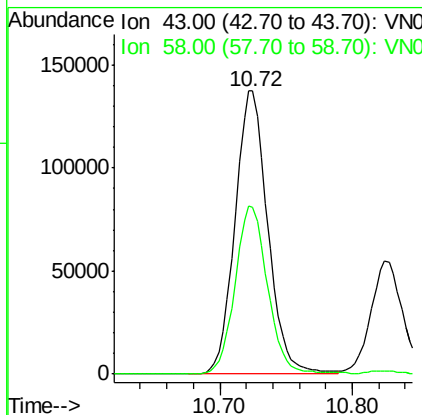
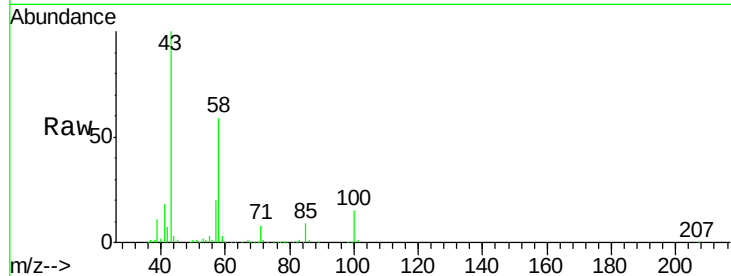
#59
2-Hexanone
Concen: 93.204 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

Tot Ion	43	Resp	236029
Ion Ratio	100	Lower	Upper
43	100		
58	59.0	29.5	88.5

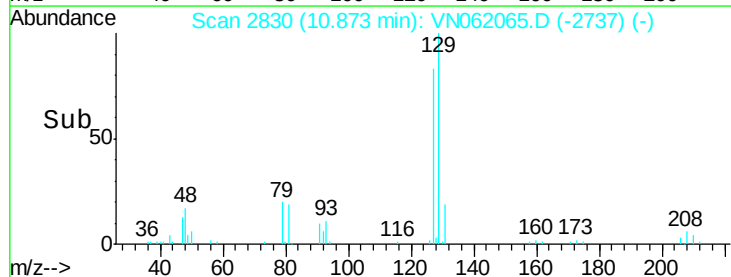
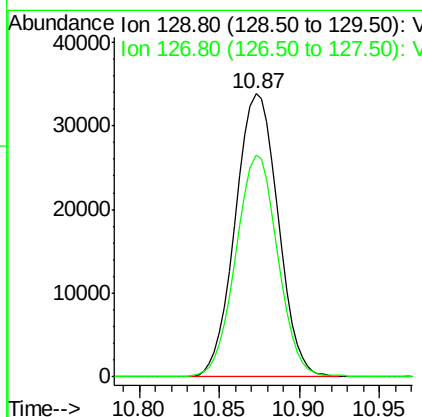
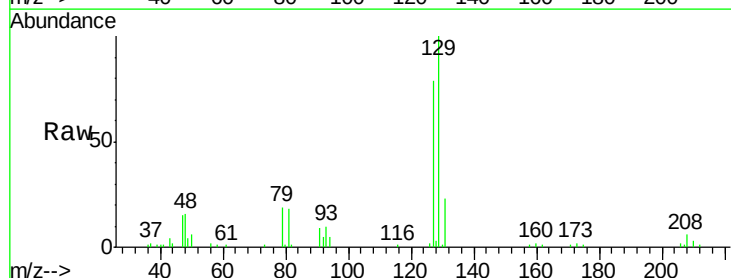
Manual Integrations
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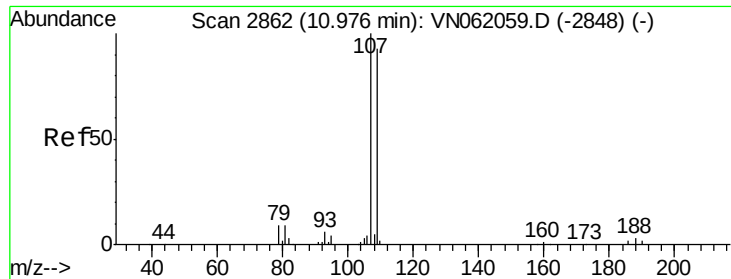
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6/25/2020 6:10:23 PM



#60
Dibromochloromethane
Concen: 17.947 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

Tgt Ion	129	Resp	61768
Ion Ratio	100	Lower	Upper
129	100		
127	76.7	39.5	118.5





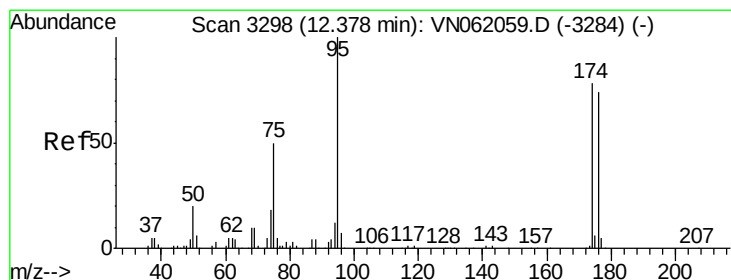
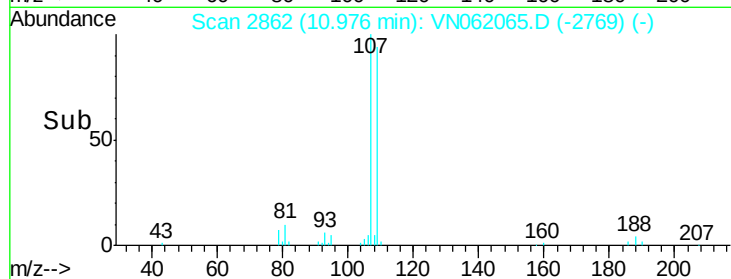
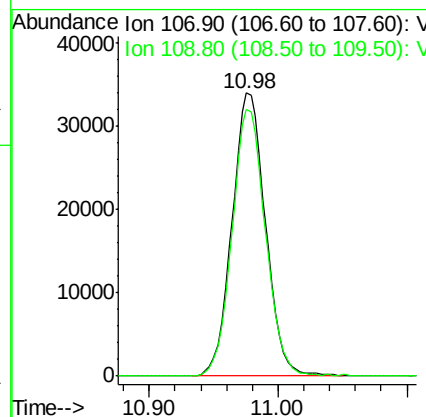
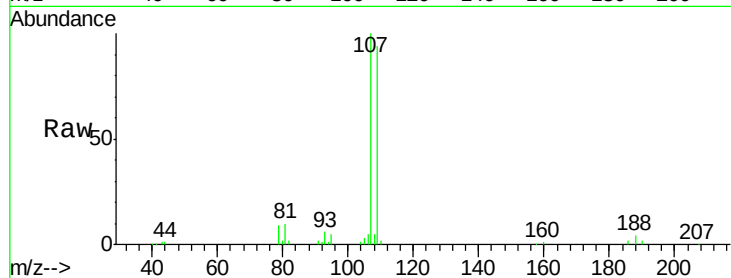
#61
 1,2-Dibromoethane
 Concen: 18.248 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062065.D
 Acq: 24 Jun 2020 16:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.1	75.0	112.6

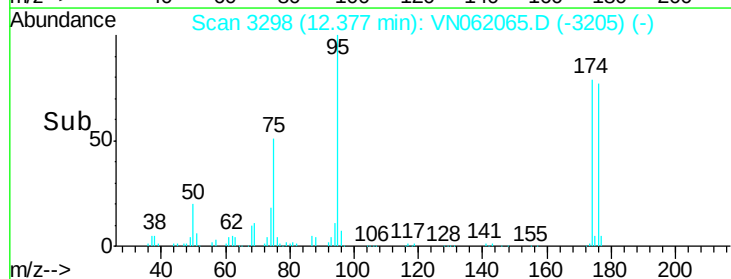
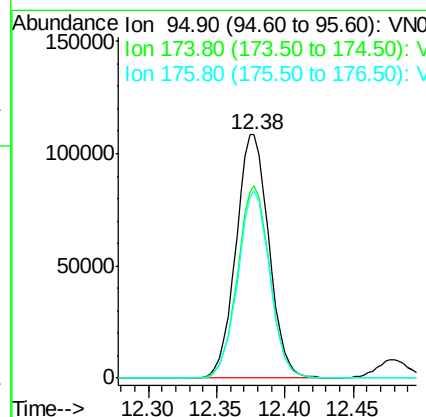
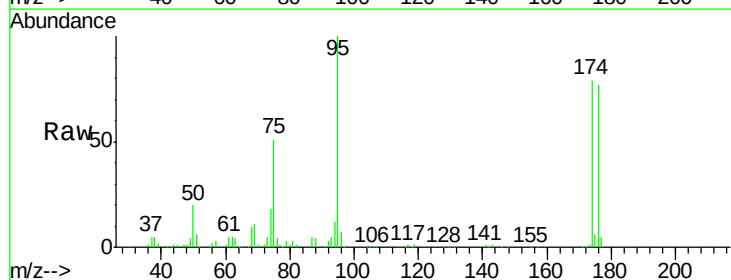
Manual Integrations
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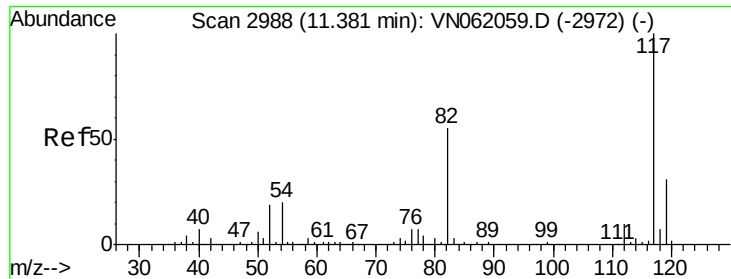
MMDadoda
 6/25/2020 6:10:23 PM



#62
 4-Bromofluorobenzene
 Concen: 47.455 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062065.D
 Acq: 24 Jun 2020 16:09

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.4	0.0	154.8
176	74.9	0.0	147.4





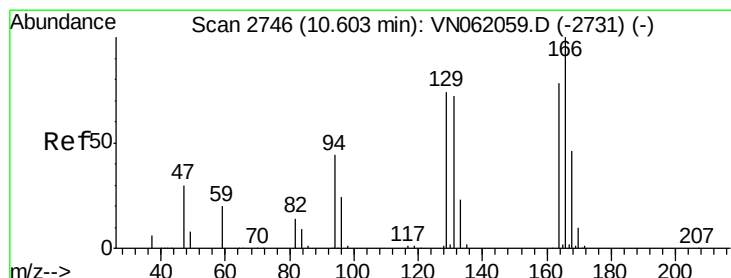
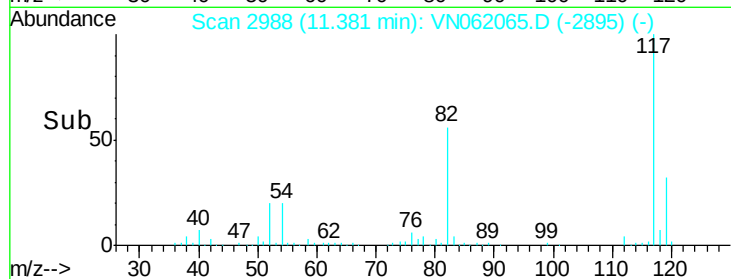
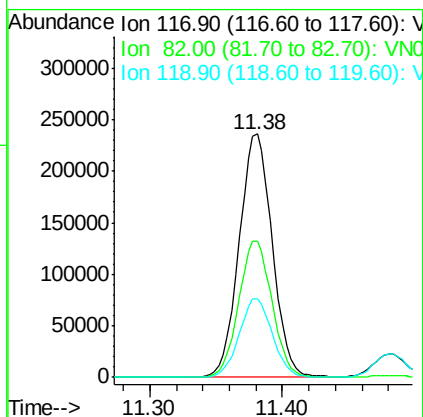
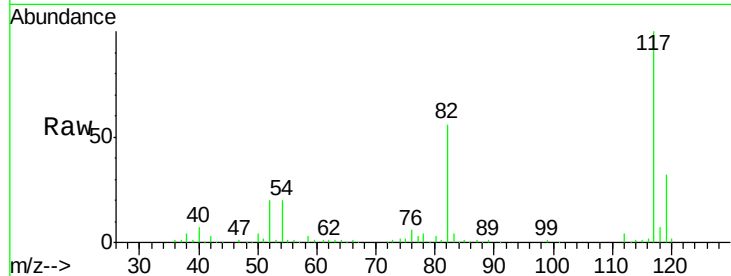
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	43.8	65.8
119	32.2	25.2	37.8

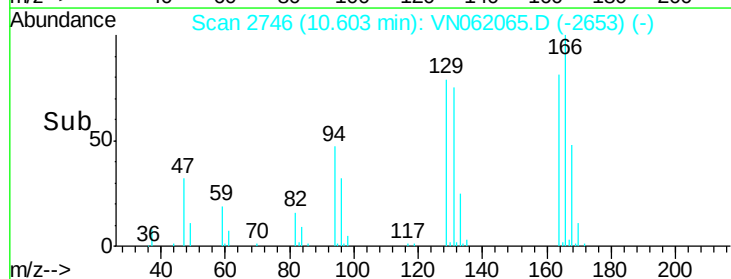
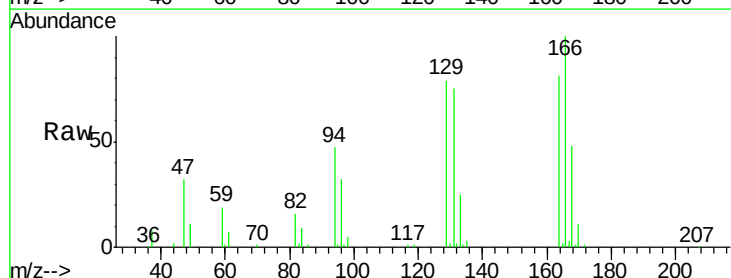
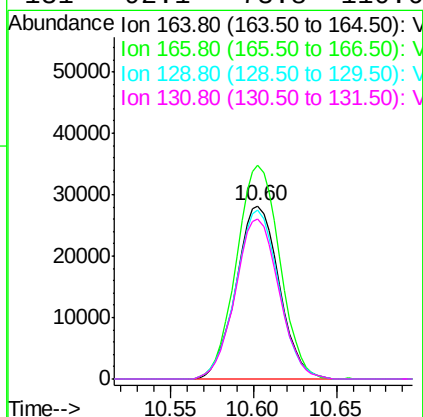
Manual Integrations
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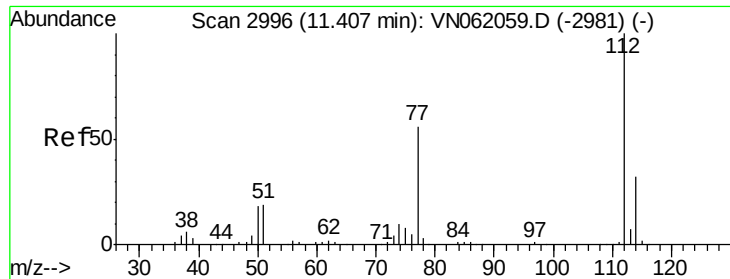
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#64
Tetrachloroethene
Concen: 18.227 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.3	102.9	154.3
129	97.8	75.8	113.8
131	92.1	73.8	110.6





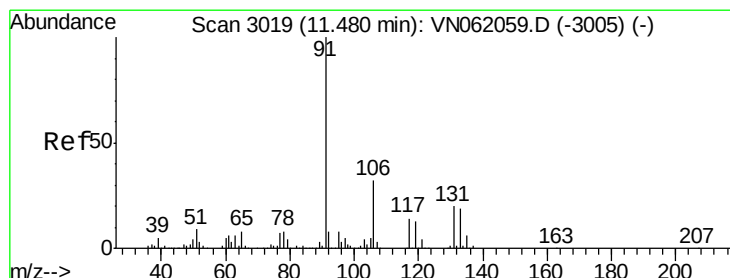
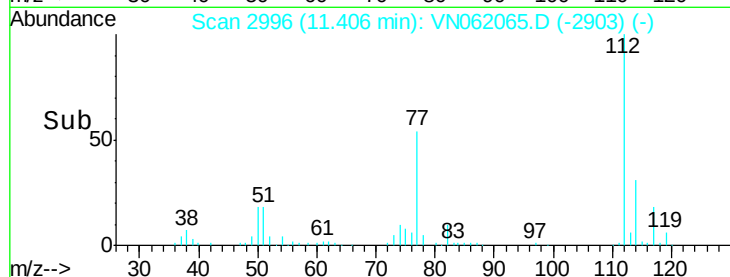
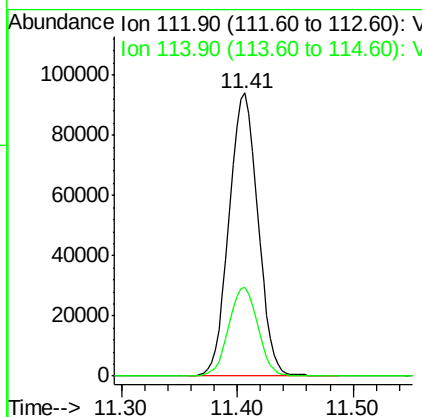
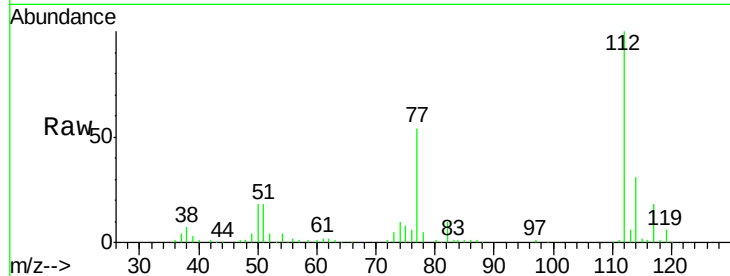
#65
Chlorobenzene
Concen: 18.006 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

Tot Ion:112 Resp: 161938
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.8

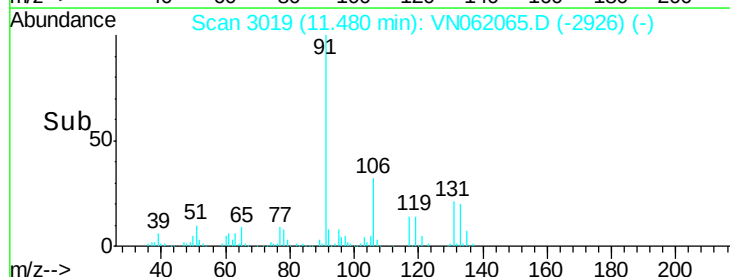
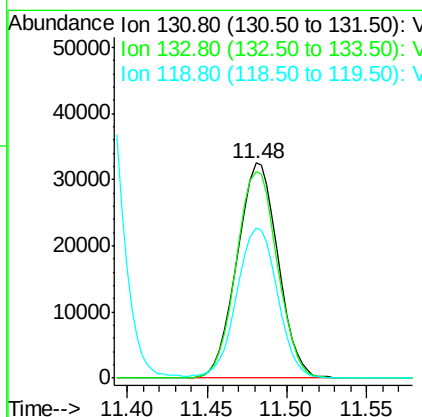
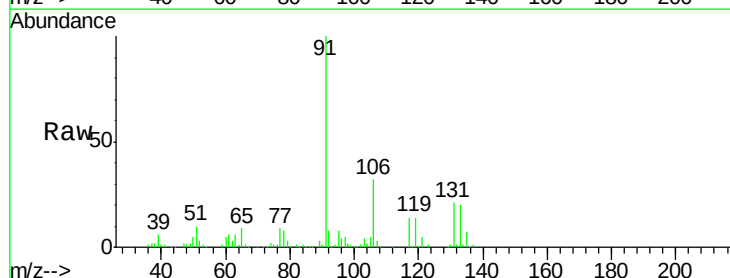
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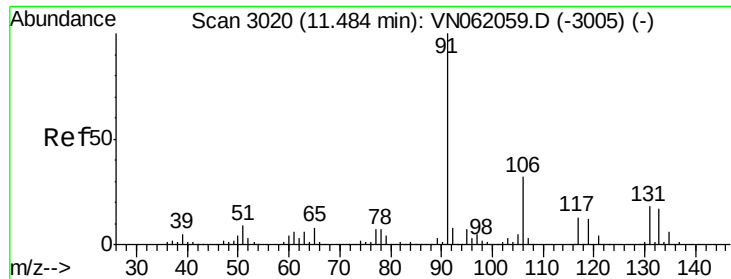
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.226 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

Tgt Ion:131 Resp: 56683
Ion Ratio Lower Upper
131 100
133 96.6 47.6 142.9
119 69.7 34.4 103.3





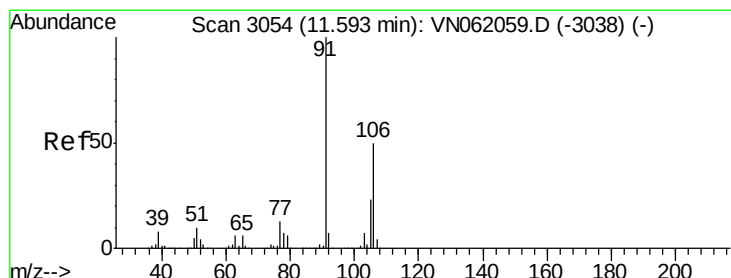
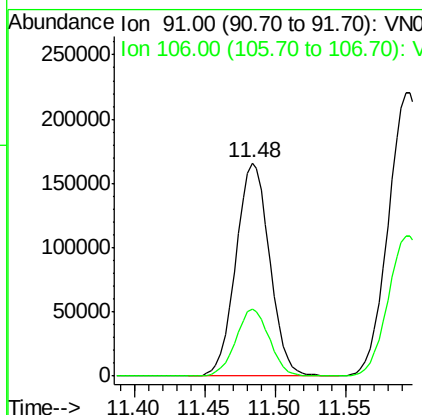
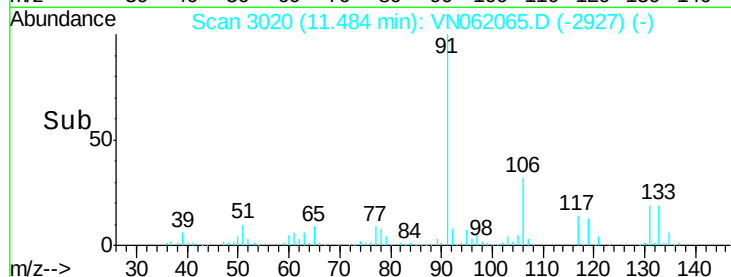
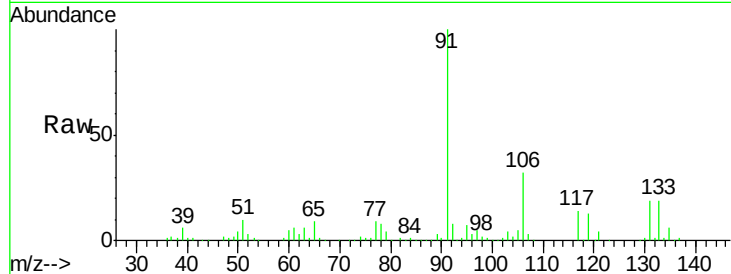
#67
Ethyl Benzene
Concen: 18.336 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

Instrument :
MSVOA_N
ClientSampled :
VN0624WBS01

Tot Ion: 91 Resp: 278507
Ion Ratio Lower Upper
91 100
106 31.7 25.3 37.9

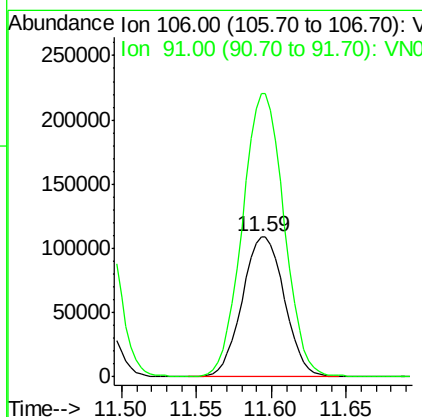
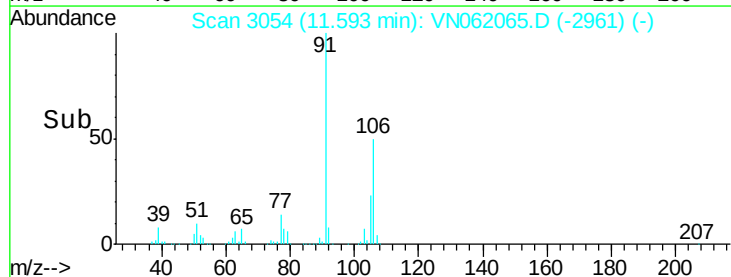
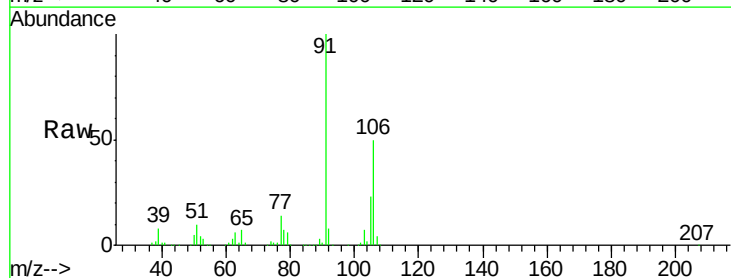
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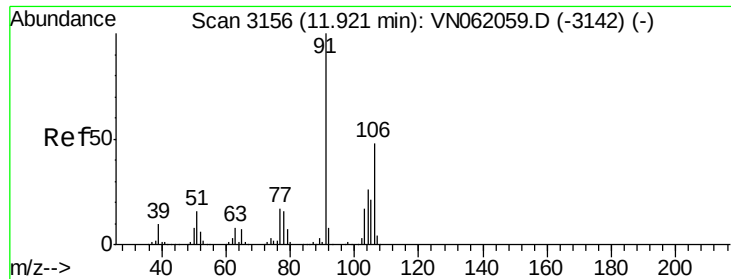
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#68
m/p-Xylenes
Concen: 36.433 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

Tgt Ion: 106 Resp: 214044
Ion Ratio Lower Upper
106 100
91 199.8 157.8 236.8





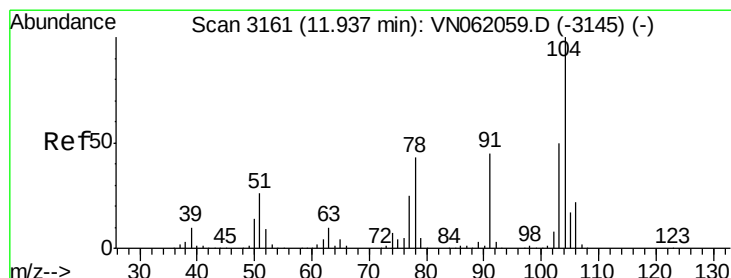
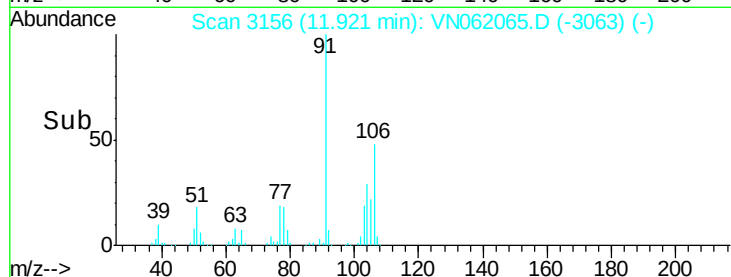
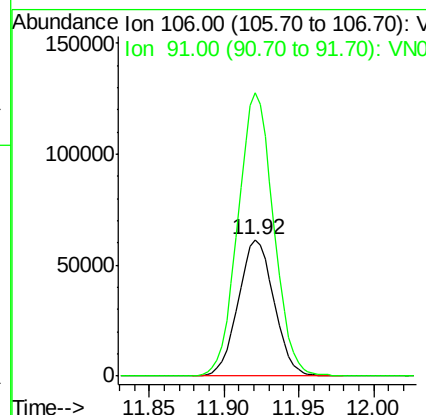
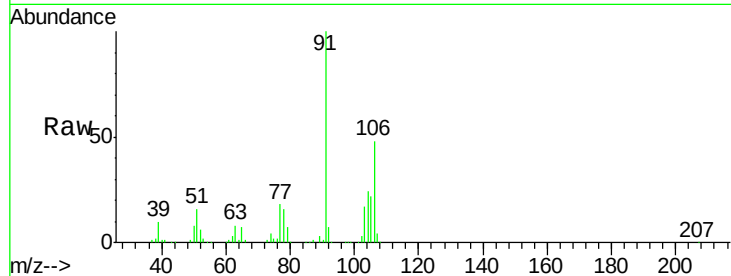
#69
o-Xylene
Concen: 18.490 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

Instrument :
MSVOA_N
ClientSampled :
VN0624WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	206.8	104.0	311.9		

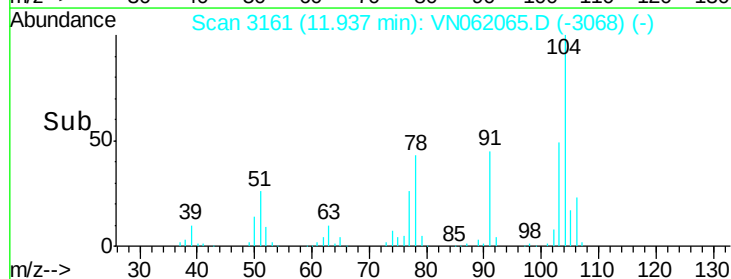
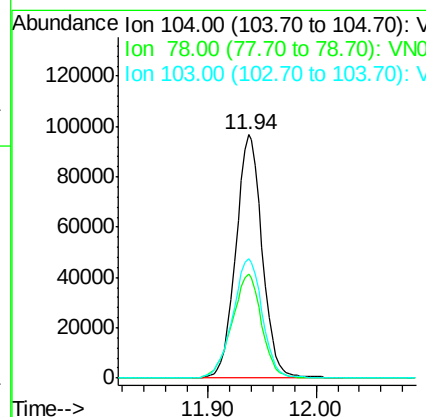
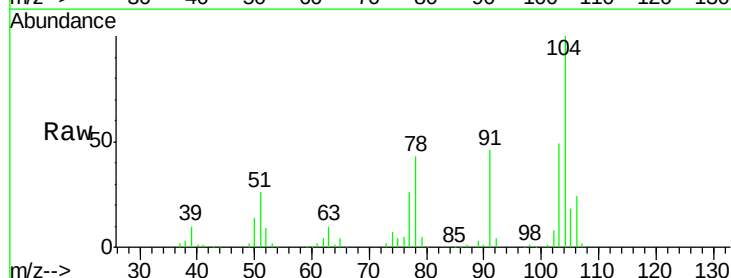
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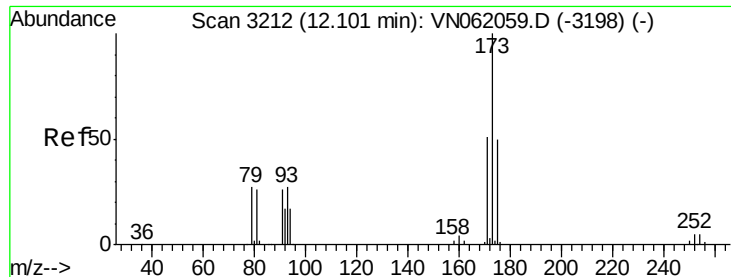
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#70
Styrene
Concen: 17.877 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	47.6	37.7	56.5		
103	54.9	43.0	64.6		





#71

Bromoform

Concen: 18.313 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS01

Tot Ion:173 Resp: 40494

Ion Ratio Lower Upper

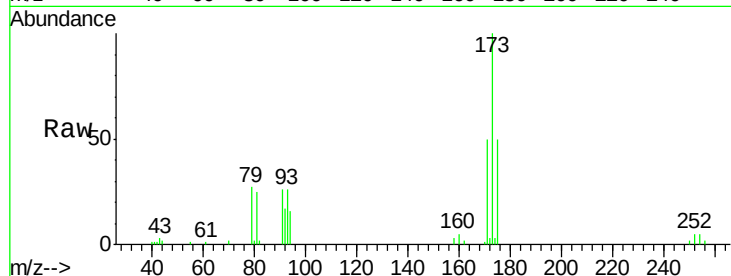
173 100

175 48.5 24.7 74.1

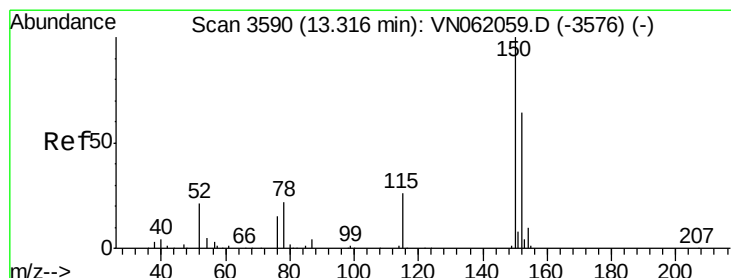
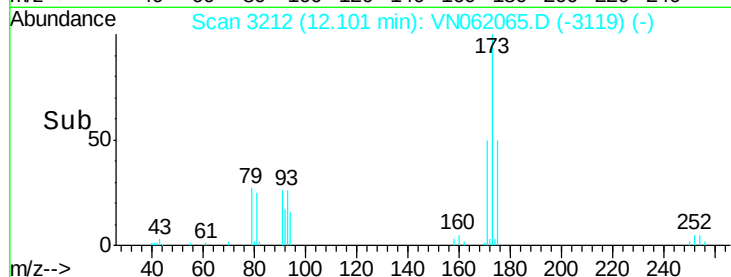
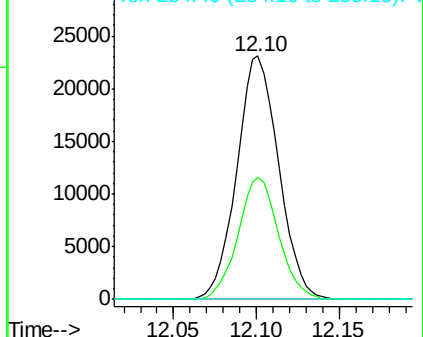
254 0.0 0.0 0.0

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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: VN062065.D

Acq: 24 Jun 2020 16:09

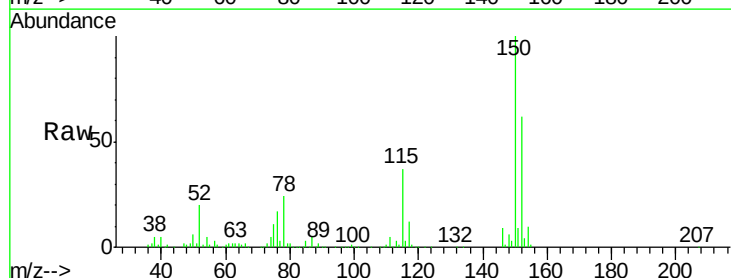
Tgt Ion:152 Resp: 183547

Ion Ratio Lower Upper

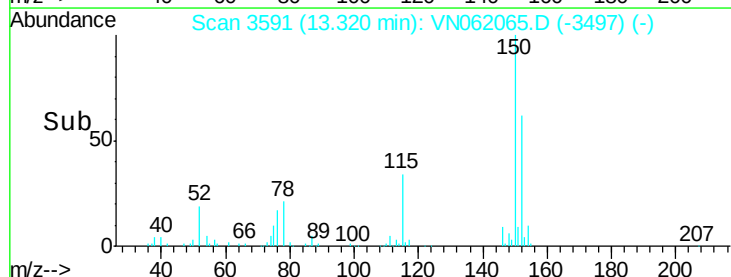
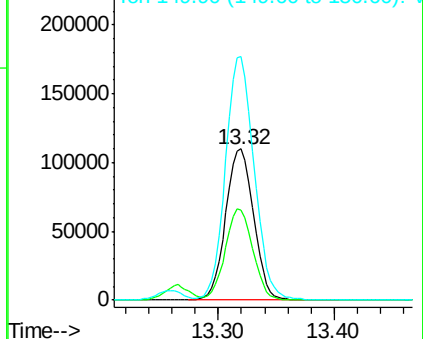
152 100

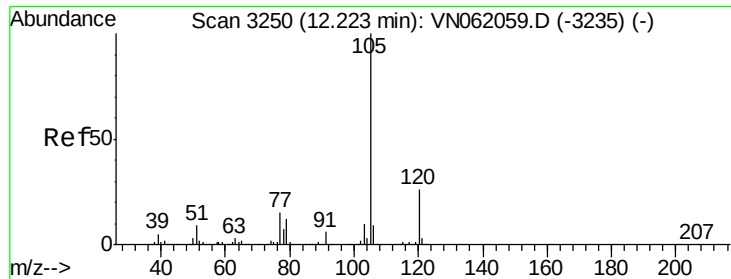
115 59.8 29.5 88.5

150 165.3 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: 18.711 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS01

Tot Ion: 105 Resp: 265844

Ion Ratio Lower Upper

105 100

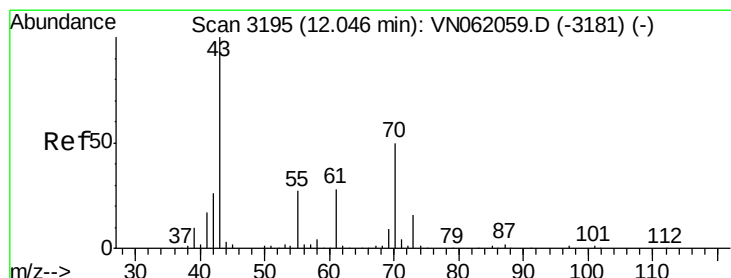
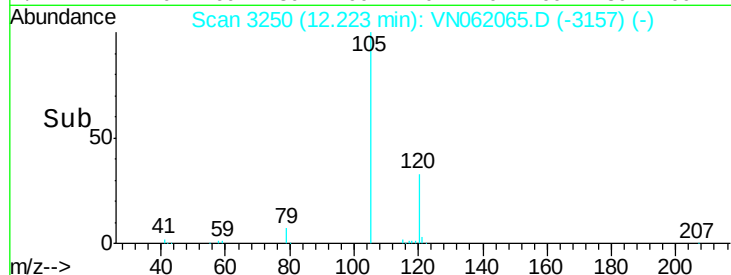
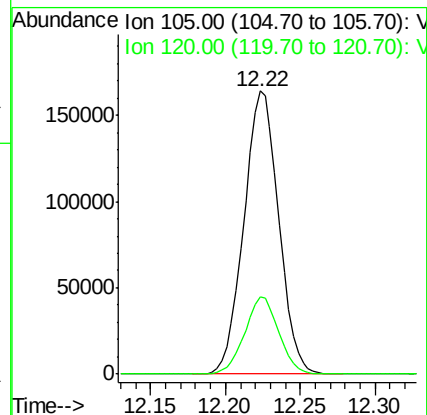
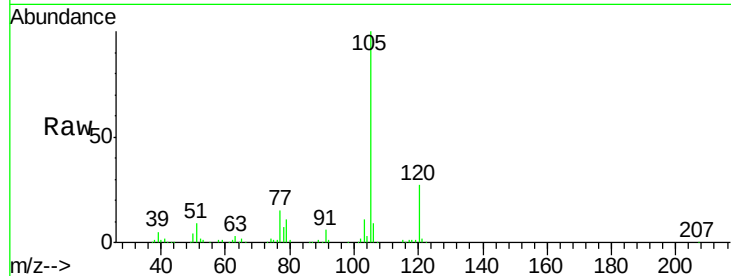
120 26.8 13.2 39.6

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#74

N-ethyl acetate

Concen: 18.626 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Tgt Ion: 43 Resp: 85657

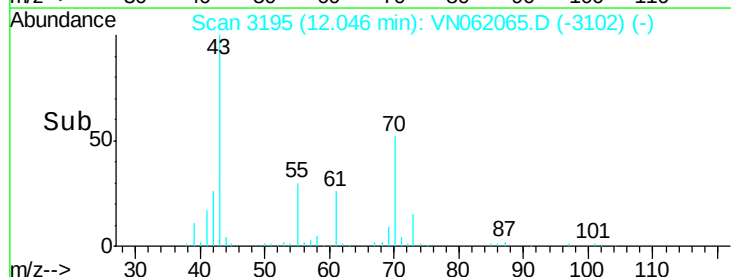
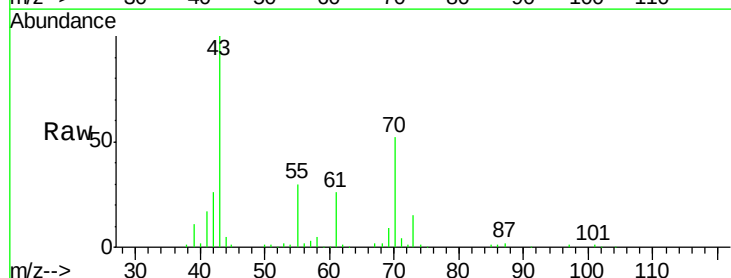
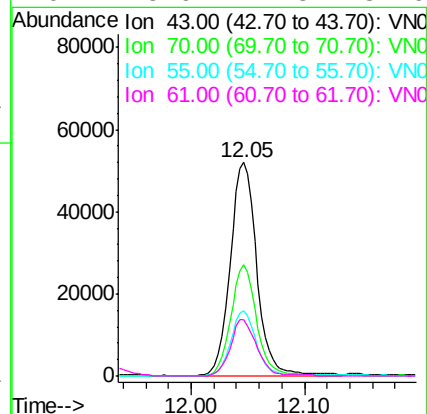
Ion Ratio Lower Upper

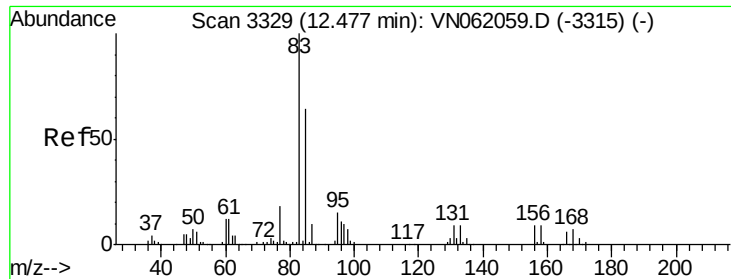
43 100

70 50.3 39.4 59.2

55 29.4 21.7 32.5

61 25.9 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 18.312 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Instrument :

MSVOA_N

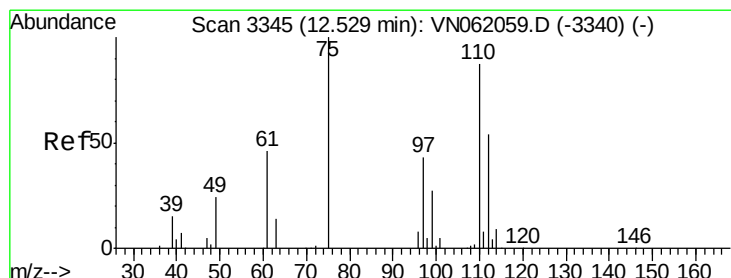
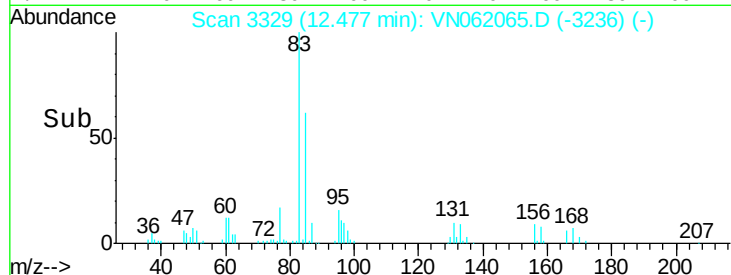
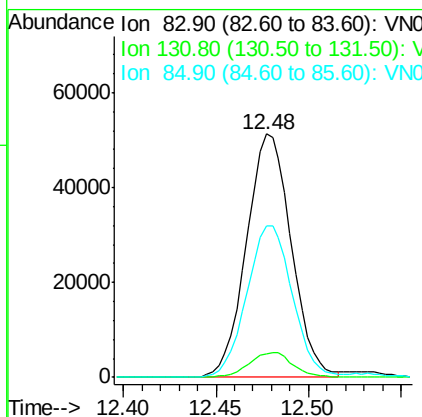
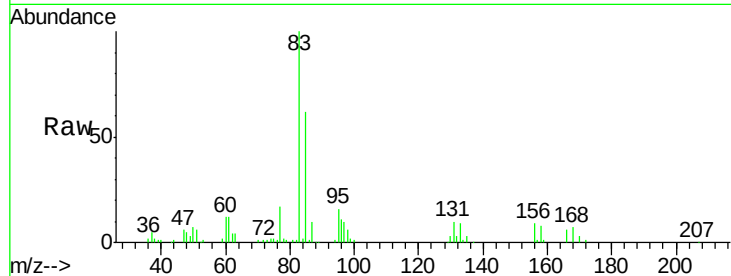
ClientSampleId :

VN0624WBS01

Tot Ion:	83	Resp:	86580
Ion Ratio	Lower	Upper	
83	100		
131	10.0	4.8	14.4
85	63.3	32.4	97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.278 ug/l m

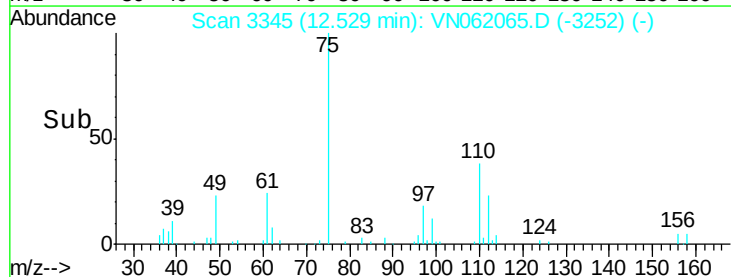
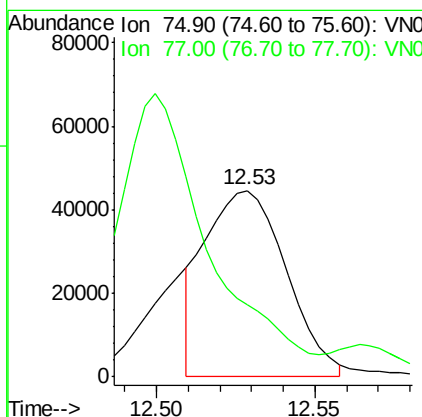
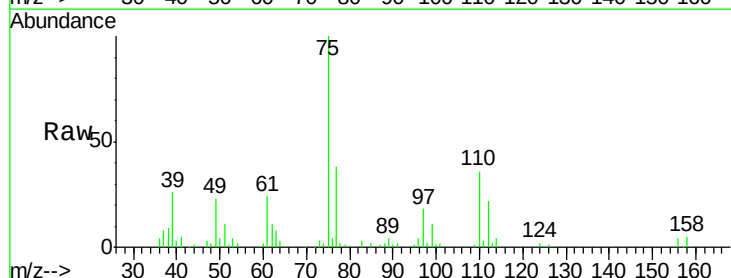
RT: 12.53 min Scan# 3345

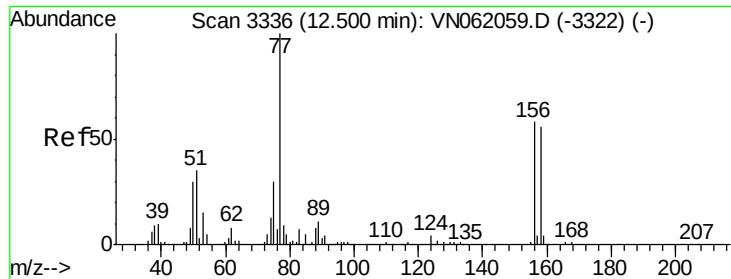
Delta R.T. -0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Tgt Ion:	75	Resp:	78975
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.211 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS01

Tot Ion:156 Resp: 64238

Ion Ratio Lower Upper

156 100

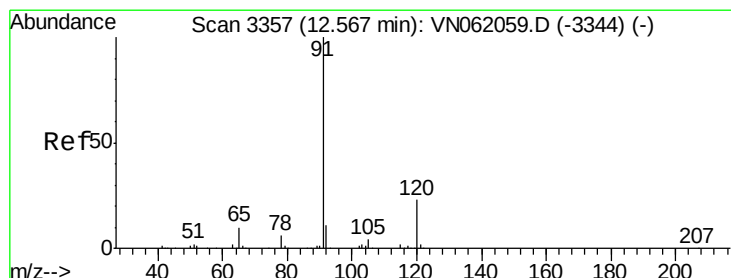
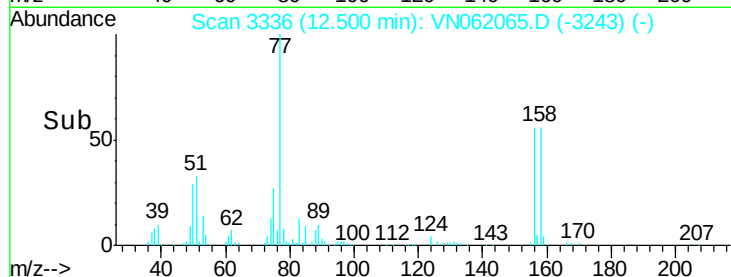
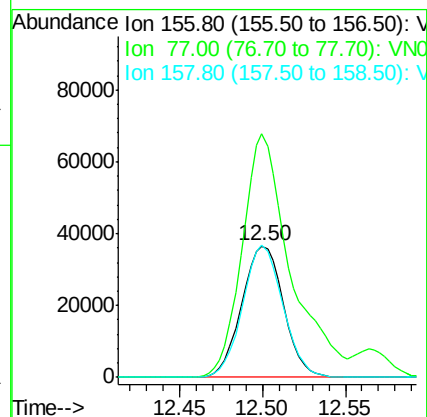
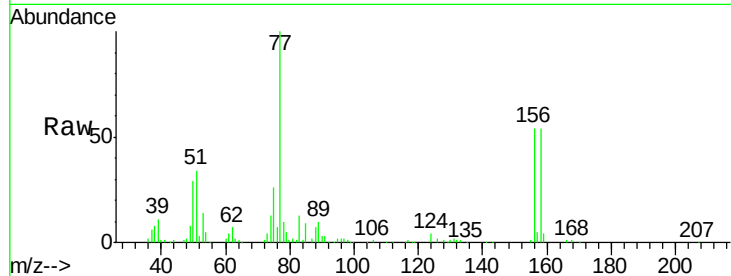
77 213.8 104.6 313.8

158 96.8 48.0 144.0

Manual Integrations
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#78

n-propylbenzene

Concen: 18.741 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062065.D

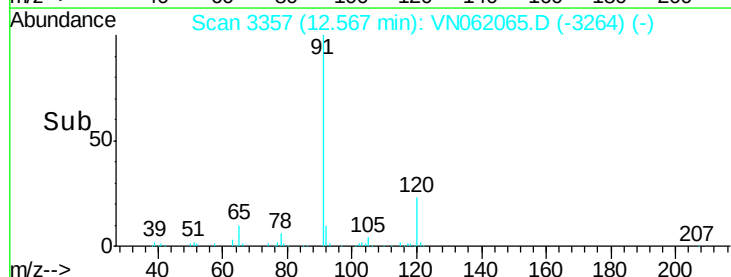
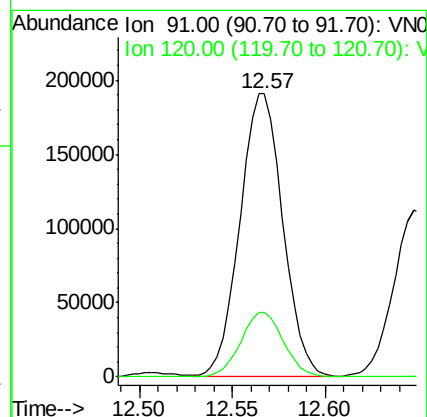
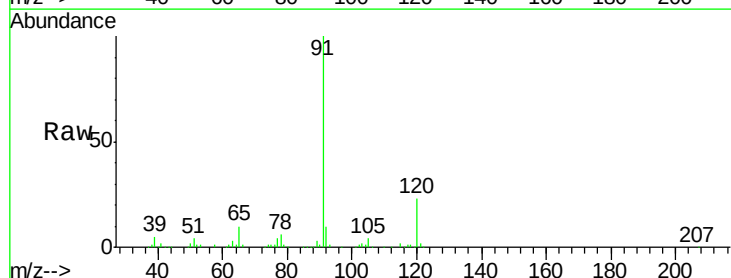
Acq: 24 Jun 2020 16:09

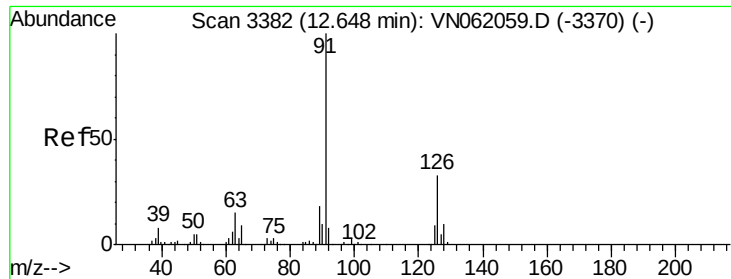
Tgt Ion: 91 Resp: 304571

Ion Ratio Lower Upper

91 100

120 22.9 11.4 34.1





#79

2-Chlorotoluene

Concen: 18.644 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Instrument :

MSVOA_N

ClientSampled :

VN0624WBS01

Tot Ion: 91 Resp: 183178

Ion Ratio Lower Upper

91 100

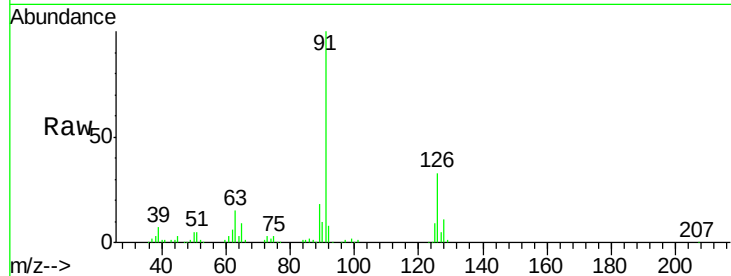
126 33.5 16.9 50.7

Manual Integrations

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

Ion 125.90 (125.60 to 126.60): VN062059.D (-3370) (-)

200000

150000

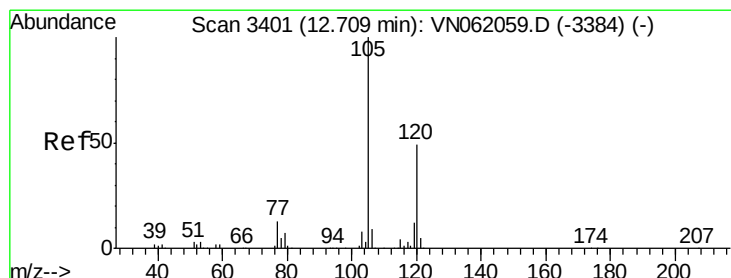
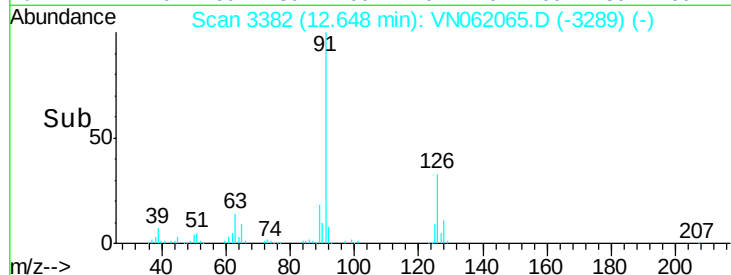
100000

50000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.956 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062065.D

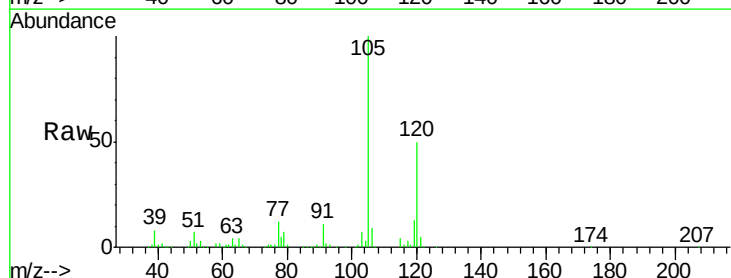
Acq: 24 Jun 2020 16:09

Tgt Ion: 105 Resp: 218335

Ion Ratio Lower Upper

105 100

120 50.2 24.6 74.0



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

Ion 120.00 (119.70 to 120.70): VN062059.D (-3384) (-)

150000

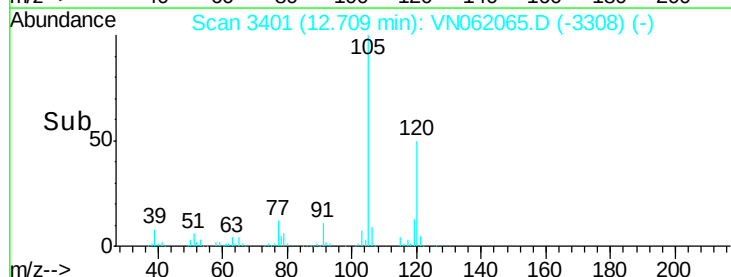
100000

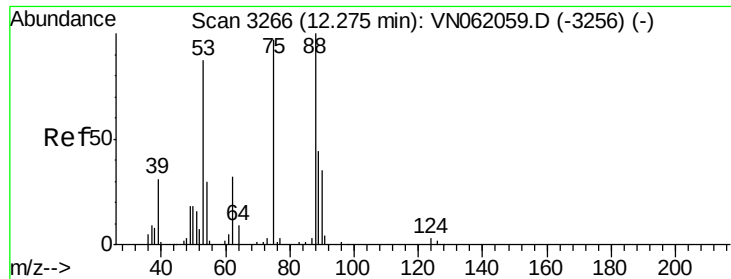
50000

0

12.65 12.70 12.75 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 18.276 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Instrument :

MSVOA_N

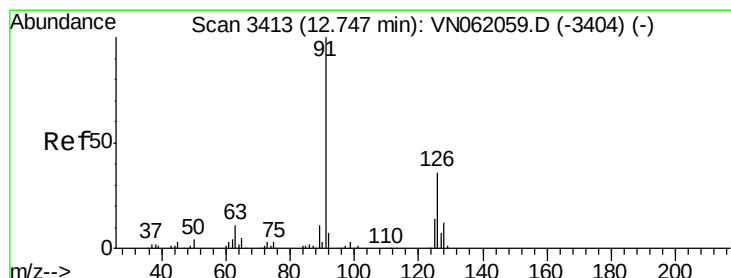
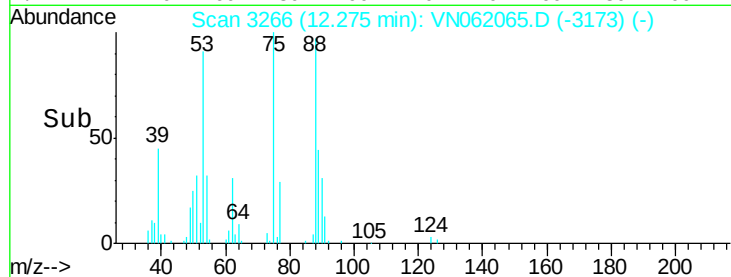
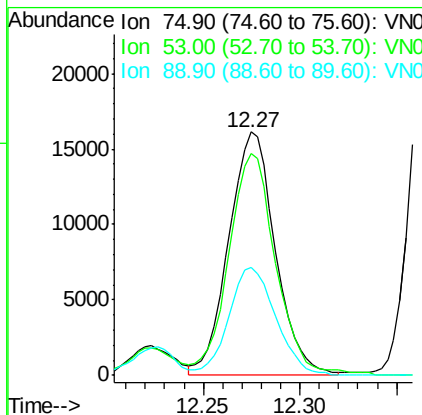
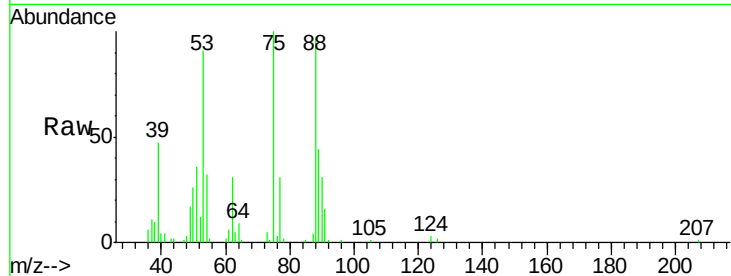
ClientSampleId :

VN0624WBS01

Tot Ion:	75	Resp:	27041
Ion	Ratio	Lower	Upper
75	100		
53	92.2	72.0	108.0
89	44.5	36.9	55.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.150 ug/l

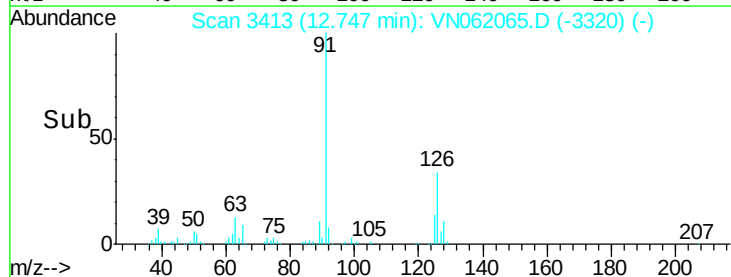
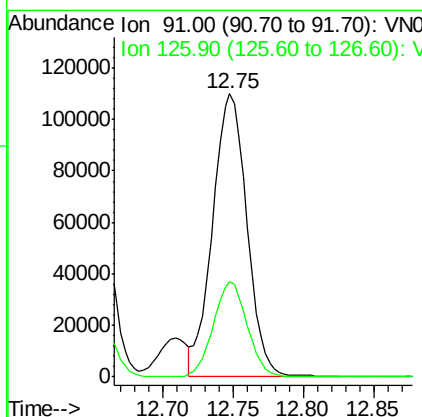
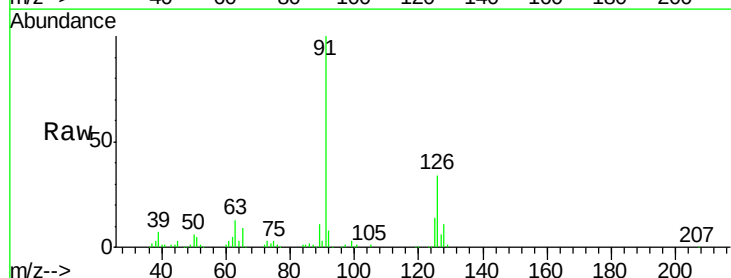
RT: 12.75 min Scan# 3413

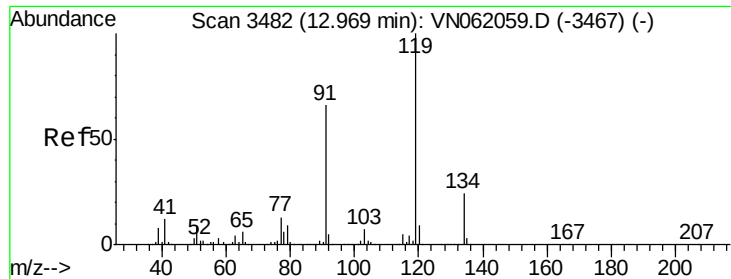
Delta R.T. -0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Tgt Ion:	91	Resp:	184406
Ion	Ratio	Lower	Upper
91	100		
126	33.5	16.7	50.1





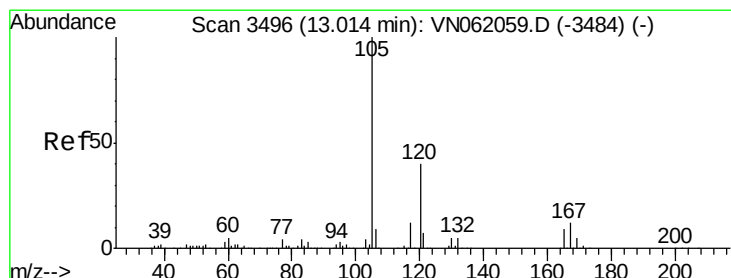
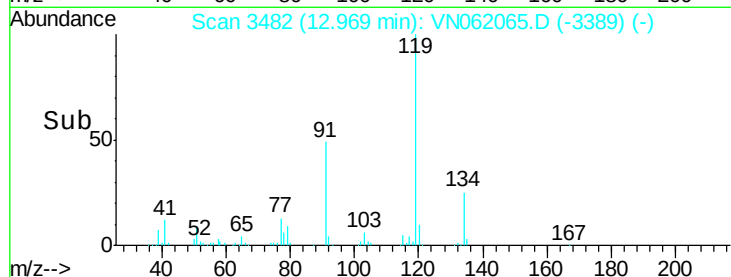
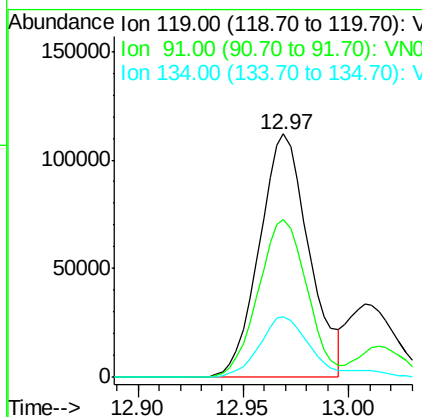
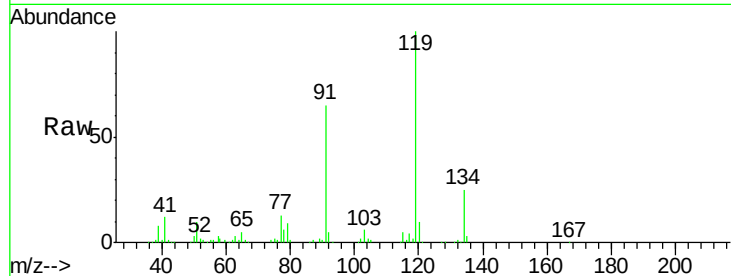
#83
 tert-Butylbenzene
 Concen: 18.580 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062065.D
 Acq: 24 Jun 2020 16:09

Instrument :
 MSVOA_N
 ClientSampled :
 VN0624WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	183140		
91	64.3	31.7	95.1	
134	24.8	13.1	39.1	

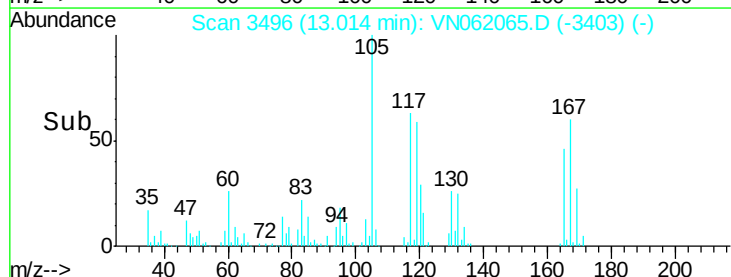
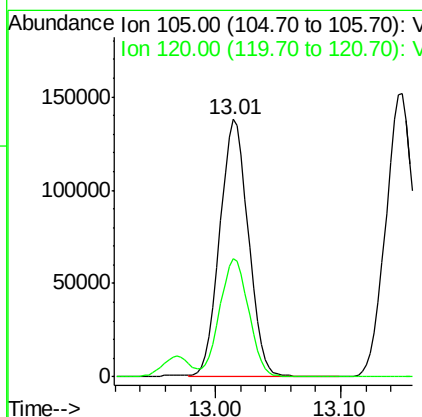
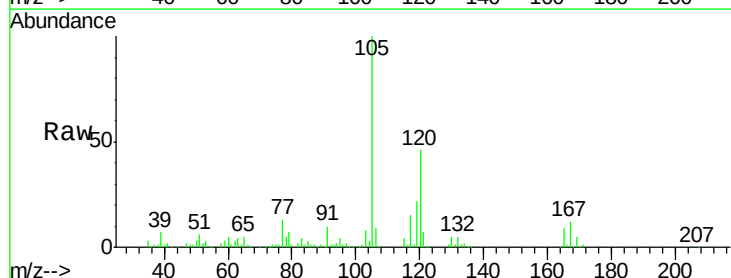
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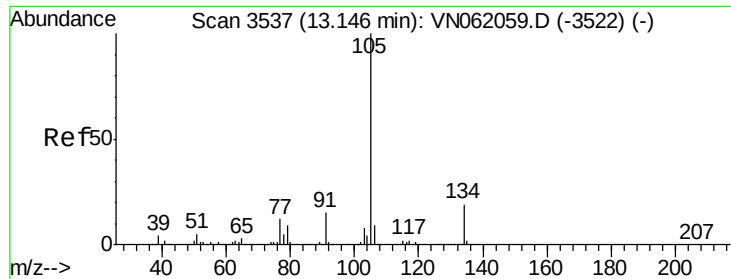
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.928 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062065.D
 Acq: 24 Jun 2020 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	217729		
120	46.8	23.2	69.5	





#85

sec-Butylbenzene

Concen: 18.655 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. 0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS01

Tot Ion:105 Resp: 242972

Ion Ratio Lower Upper

105 100

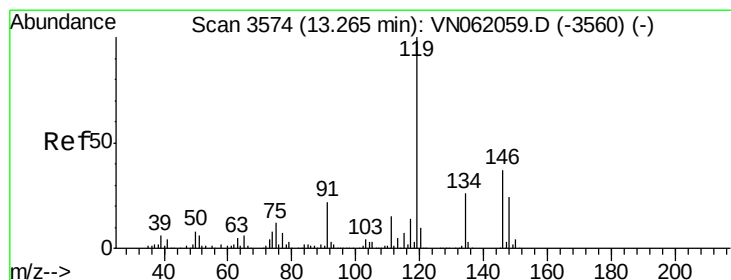
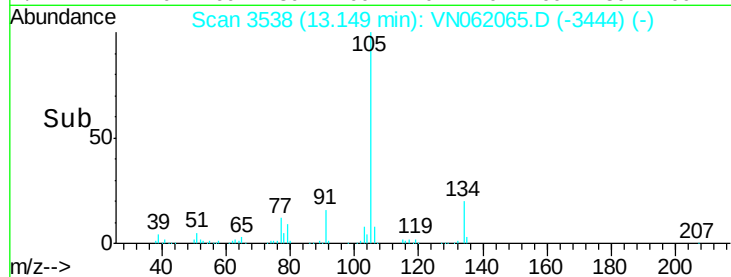
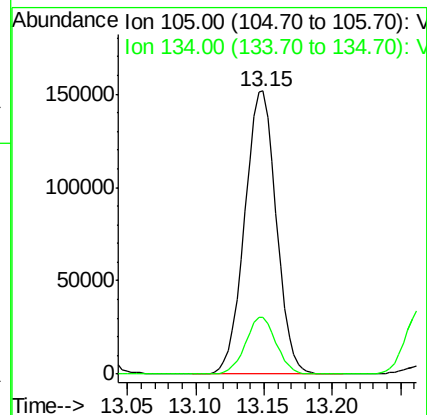
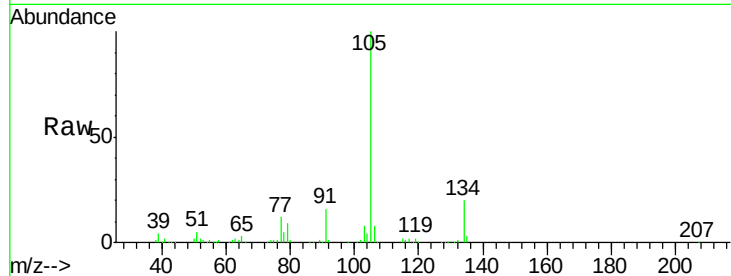
134 19.6 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 18.908 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

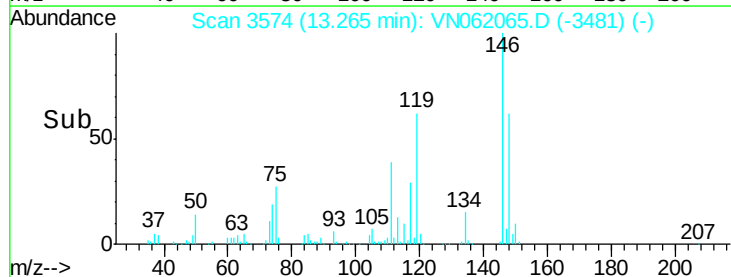
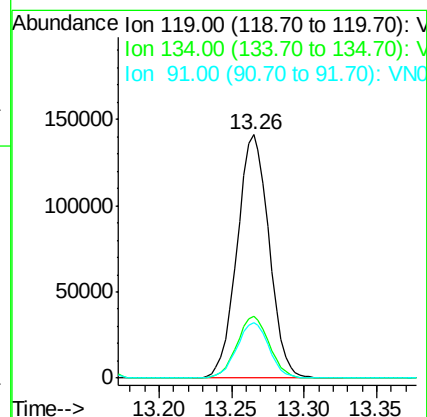
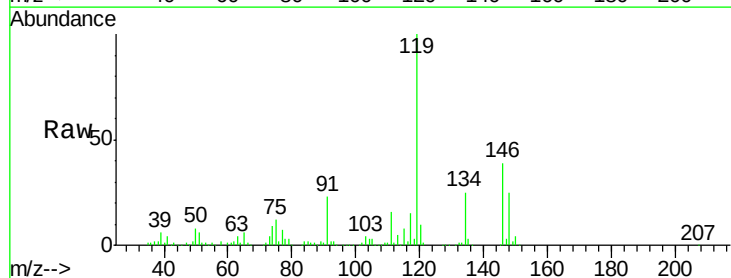
Tgt Ion:119 Resp: 215766

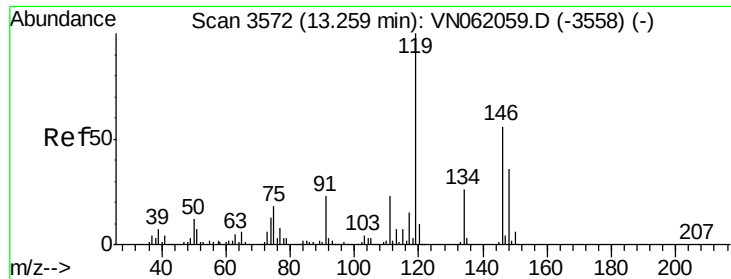
Ion Ratio Lower Upper

119 100

134 25.5 13.0 39.0

91 22.9 11.3 33.8





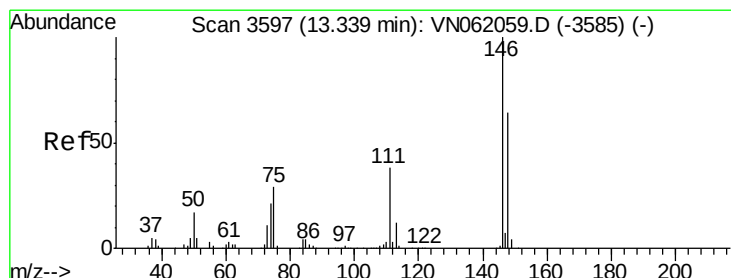
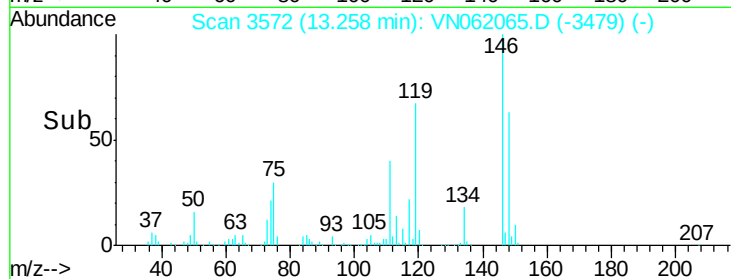
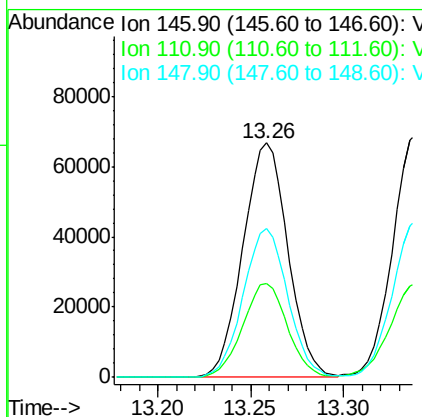
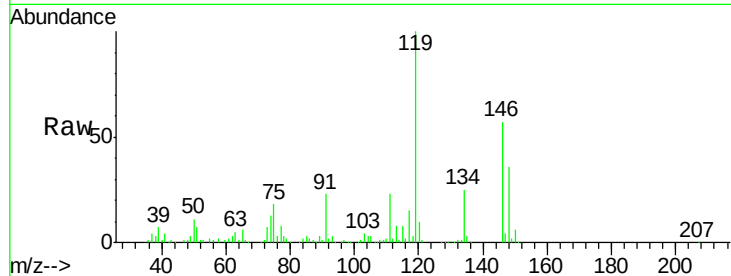
#87
 1,3-Dichlorobenzene
 Concen: 18.199 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062065.D
 Acq: 24 Jun 2020 16:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	112728		
111	39.9	20.3	61.0	
148	63.1	31.8	95.3	

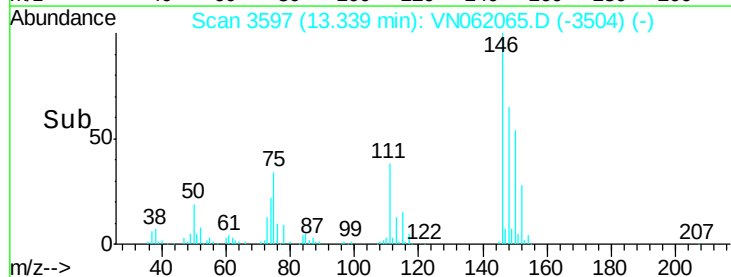
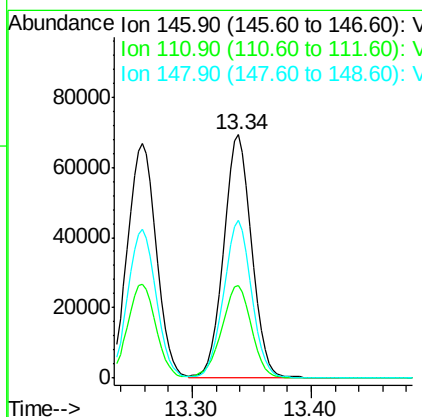
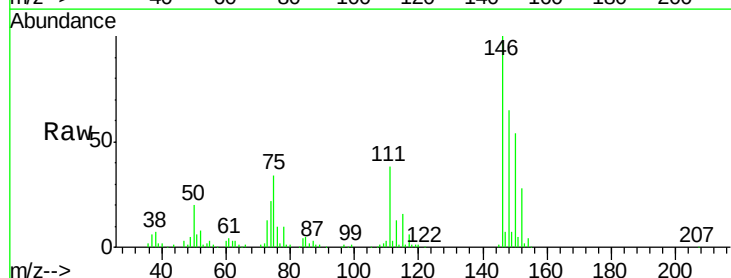
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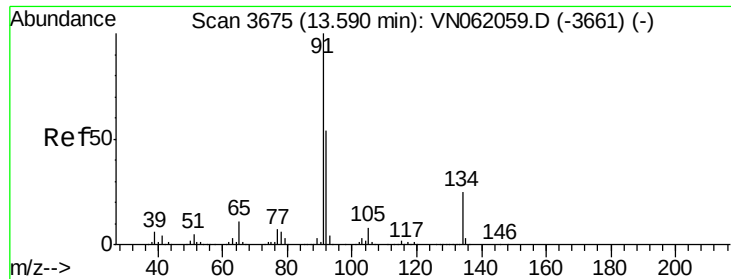
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#88
 1,4-Dichlorobenzene
 Concen: 17.675 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062065.D
 Acq: 24 Jun 2020 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	112851		
111	40.6	19.9	59.6	
148	64.9	31.9	95.9	





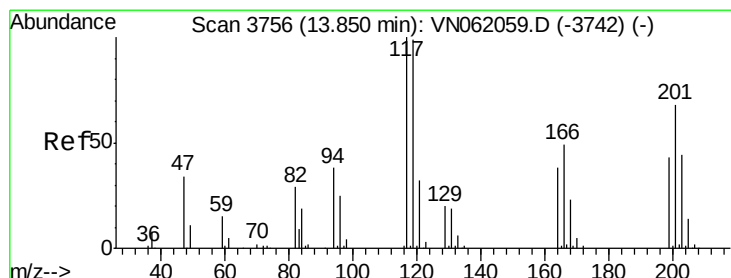
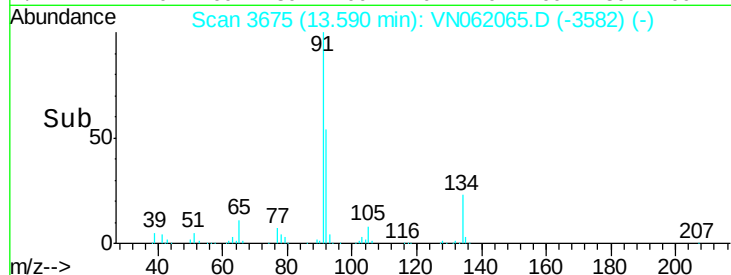
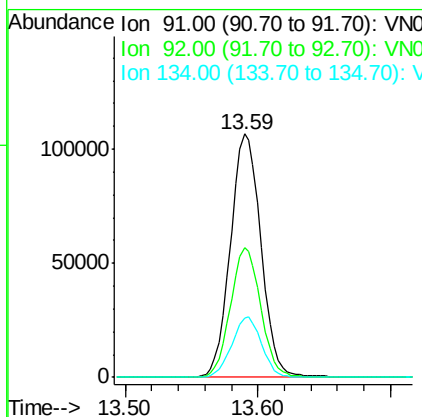
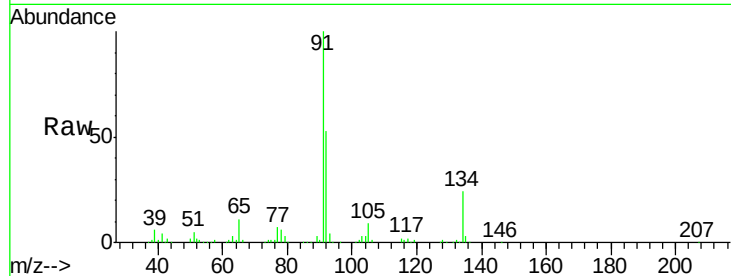
#89
n-Butylbenzene
Concen: 18.016 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.6	79.7
134	24.2	12.3	36.9

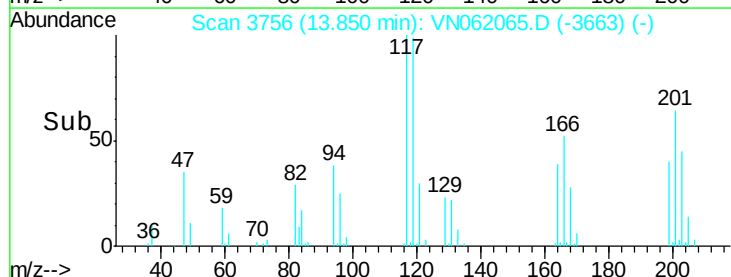
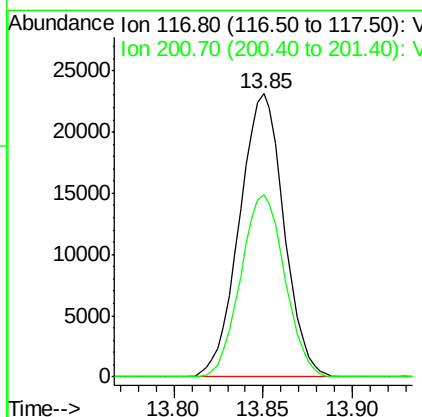
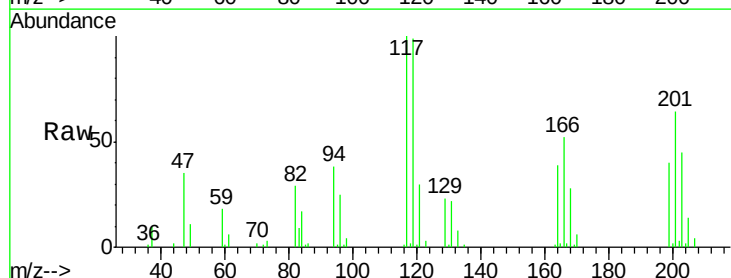
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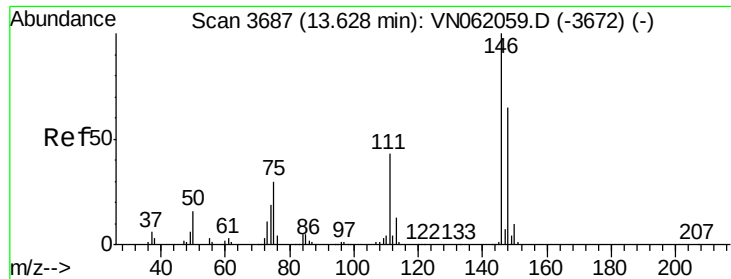
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#90
Hexachloroethane
Concen: 17.936 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062065.D
Acq: 24 Jun 2020 16:09

Tgt Ion	Ratio	Lower	Upper
117	100		
201	63.7	32.7	98.1





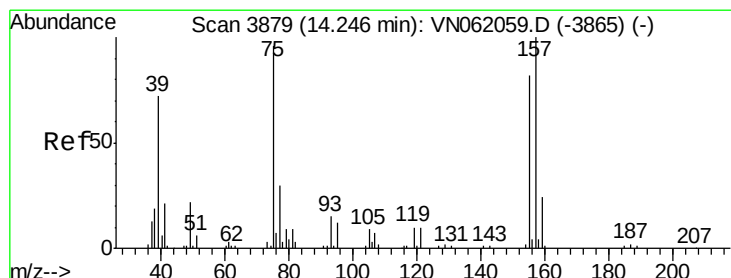
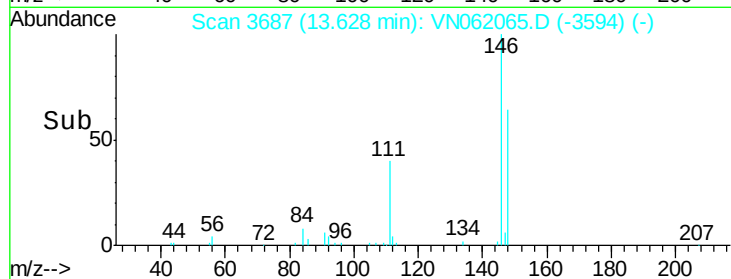
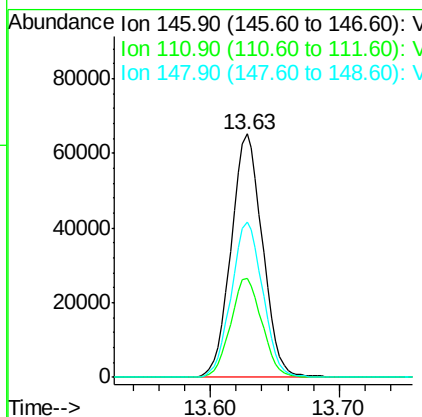
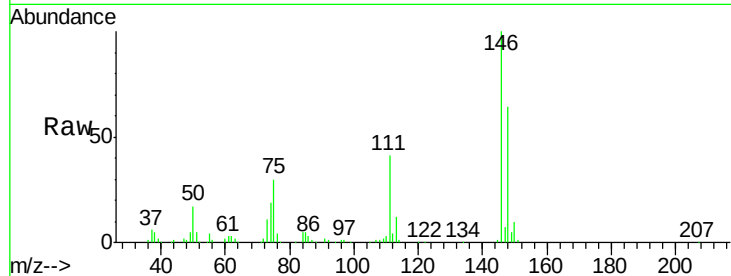
#91
 1,2-Dichlorobenzene
 Concen: 18.366 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062065.D
 Acq: 24 Jun 2020 16:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	21.2	63.6
148	64.0	31.9	95.5

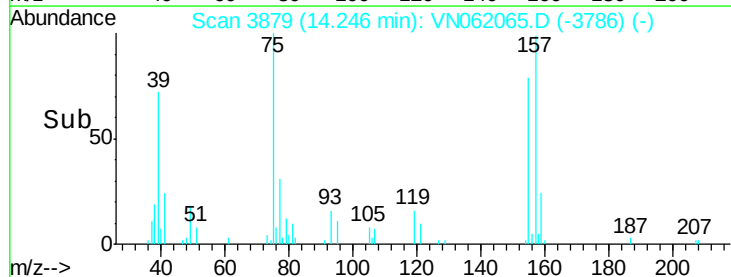
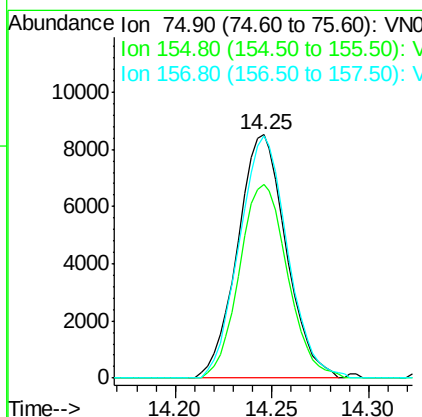
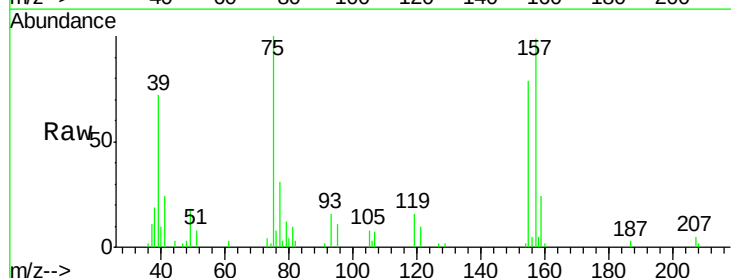
Manual Integrations
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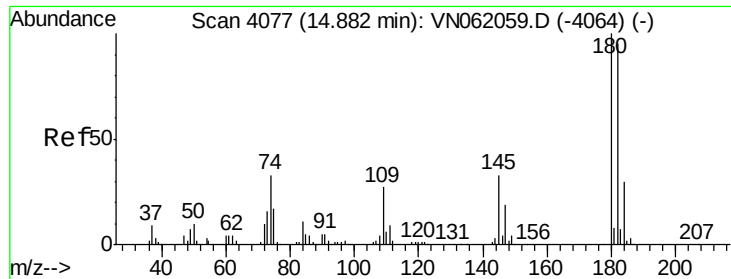
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.635 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062065.D
 Acq: 24 Jun 2020 16:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.6	40.8	122.4
157	98.7	51.4	154.3





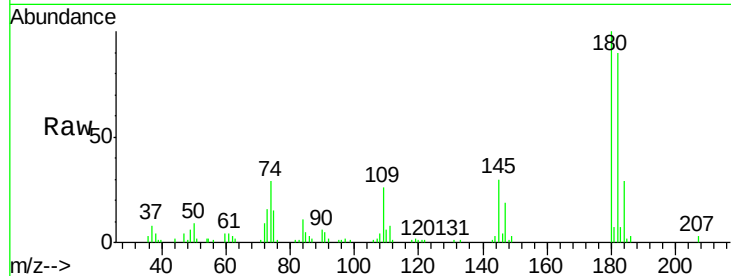
#93
 1,2,4-Trichlorobenzene
 Concen: 17.901 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062065.D
 Acq: 24 Jun 2020 16:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS01

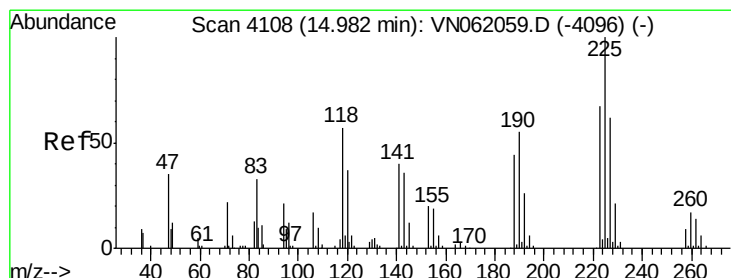
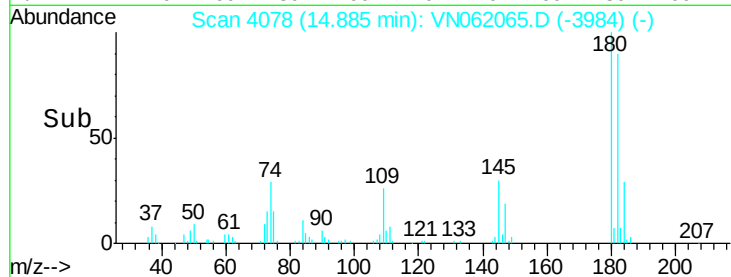
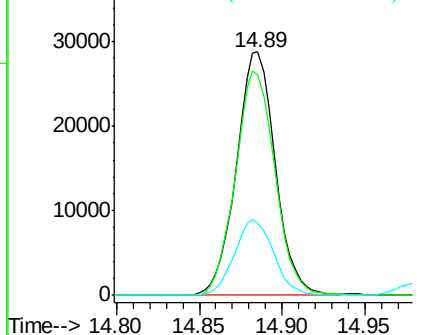
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.6	48.0	144.2
145	31.1	16.0	48.0

Manual Integrations
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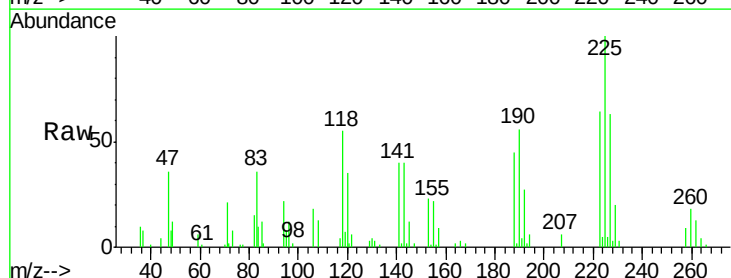


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

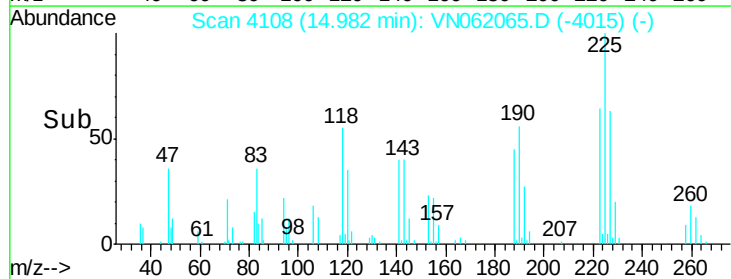
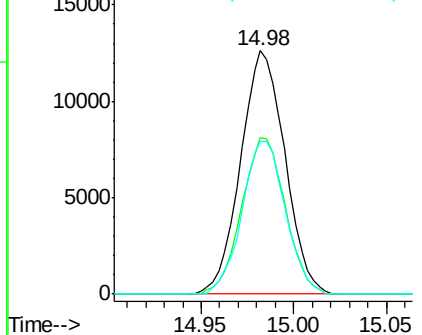


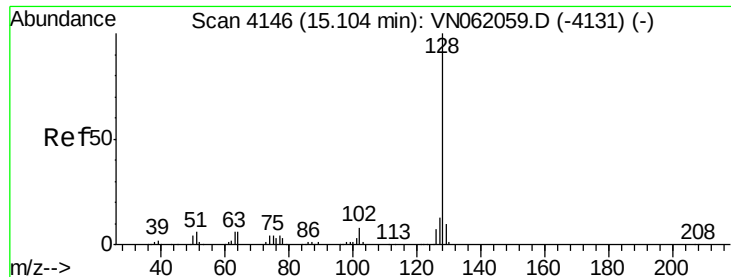
#94
 Hexachlorobutadiene
 Concen: 18.460 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062065.D
 Acq: 24 Jun 2020 16:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	32.9	98.7
227	61.6	31.3	93.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.091 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Instrument :

MSVOA_N

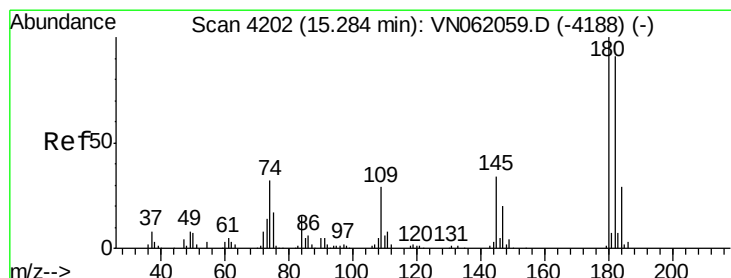
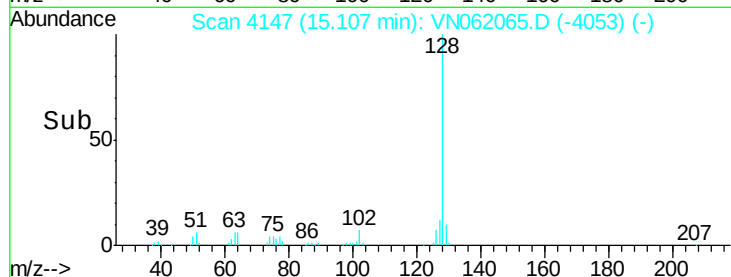
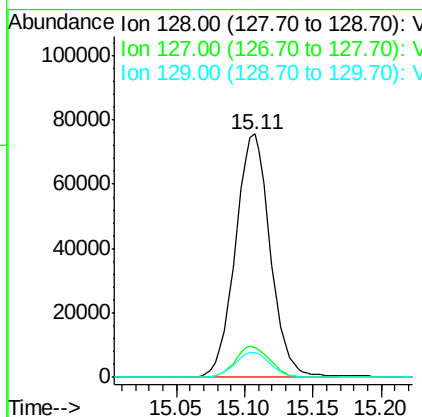
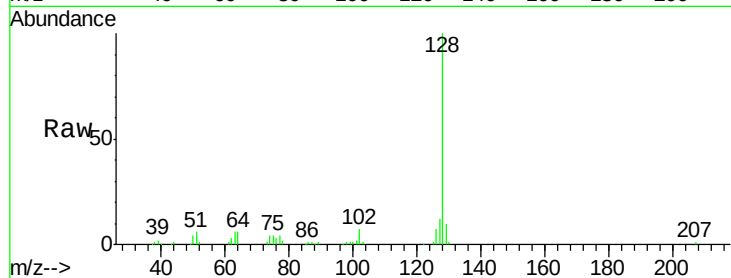
ClientSampleId :

VN0624WBS01

Tot Ion:	128	Resp:	134032
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.5	15.7
129	10.2	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/25/2020 6:10:23 PM



#96

1,2,3-Trichlorobenzene

Concen: 17.941 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062065.D

Acq: 24 Jun 2020 16:09

Tgt Ion:	180	Resp:	48135
Ion Ratio	Lower	Upper	
180	100		
182	91.8	46.8	140.4
145	32.1	16.4	49.2

