

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
 Data File : VN062058.D
 Acq On : 24 Jun 2020 10:30
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 6/25/2020 6:10:06 PM

Quant Time: Jun 24 11:27:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 11:12:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	251905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	438741	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	412383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	182827	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	67316	19.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.90%	
35) Dibromofluoromethane	7.55	113	54028	19.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.80%	
50) Toluene-d8	10.06	98	212793	19.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.66%	
62) 4-Bromofluorobenzene	12.38	95	69605	18.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	56000	19.860	ug/l	97
3) Chloromethane	2.03	50	71243	20.628	ug/l	99
4) Vinyl Chloride	2.16	62	85623	20.772	ug/l	98
5) Bromomethane	2.53	94	56015	17.981	ug/l	100
6) Chloroethane	2.67	64	58030	20.607	ug/l	98
7) Trichlorofluoromethane	2.98	101	103574	21.186	ug/l	99
8) Diethyl Ether	3.37	74	35797	21.286	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	54715	21.302	ug/l	99
10) Methyl Iodide	3.91	142	60506	21.589	ug/l	98
11) Tert butyl alcohol	4.73	59	47671	100.777	ug/l	100
12) 1,1-Dichloroethene	3.70	96	53951	20.998	ug/l	98
13) Acrolein	3.57	56	47260	145.984	ug/l	96
14) Allyl chloride	4.27	41	66560	19.290	ug/l	95
15) Acrylonitrile	4.93	53	128527	108.816	ug/l	98
16) Acetone	3.78	43	116988	113.389	ug/l	98
17) Carbon Disulfide	4.01	76	163960	21.689	ug/l	100
18) Methyl Acetate	4.28	43	50419	17.886	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	169988	19.866	ug/l	99
20) Methylene Chloride	4.50	84	65124	19.885	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	60993	20.682	ug/l	97
22) Diisopropyl ether	5.90	45	163588	20.750	ug/l	99
23) Vinyl Acetate	5.84	43	673286	107.411	ug/l	99
24) 1,1-Dichloroethane	5.80	63	107291	20.901	ug/l	99
25) 2-Butanone	6.79	43	161103	108.143	ug/l	99
26) 2,2-Dichloropropane	6.77	77	90842	20.924	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	67490	19.866	ug/l	98
28) Bromochloromethane	7.15	49	44558	19.423	ug/l	99
29) Tetrahydrofuran	7.17	42	105956	107.897	ug/l	100
30) Chloroform	7.33	83	108113	19.826	ug/l	98
31) Cyclohexane	7.62	56	89683	19.927	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	92992	20.053	ug/l	99
36) 1,1-Dichloropropene	7.75	75	82271	20.513	ug/l	98
37) Ethyl Acetate	6.88	43	63372	19.945	ug/l #	90
38) Carbon Tetrachloride	7.73	117	78775	19.944	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	87363	20.219	ug/l	100
40) Benzene	8.00	78	249281	20.419	ug/l	99
41) Methacrylonitrile	7.13	41	32564m	23.521	ug/l	
42) 1,2-Dichloroethane	8.08	62	87169	20.962	ug/l	99
43) Isopropyl Acetate	8.13	43	108244	20.348	ug/l	98
44) Trichloroethene	8.80	130	64649	20.313	ug/l	97
45) 1,2-Dichloropropane	9.08	63	63055	21.042	ug/l	96
46) Dibromomethane	9.17	93	43236	20.612	ug/l	98
47) Bromodichloromethane	9.37	83	84759	19.674	ug/l	95
48) Methyl methacrylate	9.17	41	48474	19.944	ug/l	99
49) 1,4-Dioxane	9.17	88	23203	414.887	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	328979	103.992	ug/l	100
52) Toluene	10.12	92	155527	20.336	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	91745	19.942	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	100478	20.151	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	61570	20.438	ug/l	98
56) Ethyl methacrylate	10.40	69	77876	19.311	ug/l	99
57) 1,3-Dichloropropane	10.68	76	103498	20.268	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	151093	95.147	ug/l	99
59) 2-Hexanone	10.72	43	237385	104.438	ug/l	100
60) Dibromochloromethane	10.87	129	63192	18.968	ug/l	99
61) 1,2-Dibromoethane	10.98	107	62952	20.090	ug/l	100
64) Tetrachloroethene	10.60	164	53858	20.550	ug/l	99
65) Chlorobenzene	11.41	112	167939	19.299	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	60450	19.993	ug/l	99
67) Ethyl Benzene	11.48	91	288686	19.744	ug/l	99
68) m/p-Xylenes	11.60	106	223612	39.653	ug/l	100
69) o-Xylene	11.92	106	103992	19.377	ug/l	99
70) Styrene	11.94	104	173485	19.307	ug/l	99
71) Bromoform	12.10	173	41724	18.976	ug/l #	97
73) Isopropylbenzene	12.22	105	275121	21.071	ug/l	100
74) N-amyl acetate	12.05	43	85444	20.190	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	88829	20.768	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	82118m	22.559	ug/l	
77) Bromobenzene	12.50	156	68729	20.924	ug/l	95
78) n-propylbenzene	12.57	91	308392	20.611	ug/l	99
79) 2-Chlorotoluene	12.65	91	186397	20.761	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	223010	20.683	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	27227	20.276	ug/l	97
82) 4-Chlorotoluene	12.75	91	189115	20.407	ug/l	99
83) tert-Butylbenzene	12.97	119	188438	20.613	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	225453	21.210	ug/l	100
85) sec-Butylbenzene	13.15	105	247898	20.660	ug/l	99
86) p-Isopropyltoluene	13.26	119	220630	20.713	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	115002	19.297	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	116050	19.030	ug/l	99
89) n-Butylbenzene	13.59	91	167366	18.737	ug/l	100
90) Hexachloroethane	13.85	117	41430	21.094	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	114720	20.031	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.25	75	14775	21.290	ug/l	99

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ClientSampleId :
VSTDICC020

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Quant Title : SW846 8260
QLast Update : Wed Jun 24 11:12:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	46984	17.515	ug/l	98
94) Hexachlorobutadiene	14.98	225	21216	19.943	ug/l	97
95) Naphthalene	15.11	128	132294	17.074	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	47333	17.724	ug/l	97

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

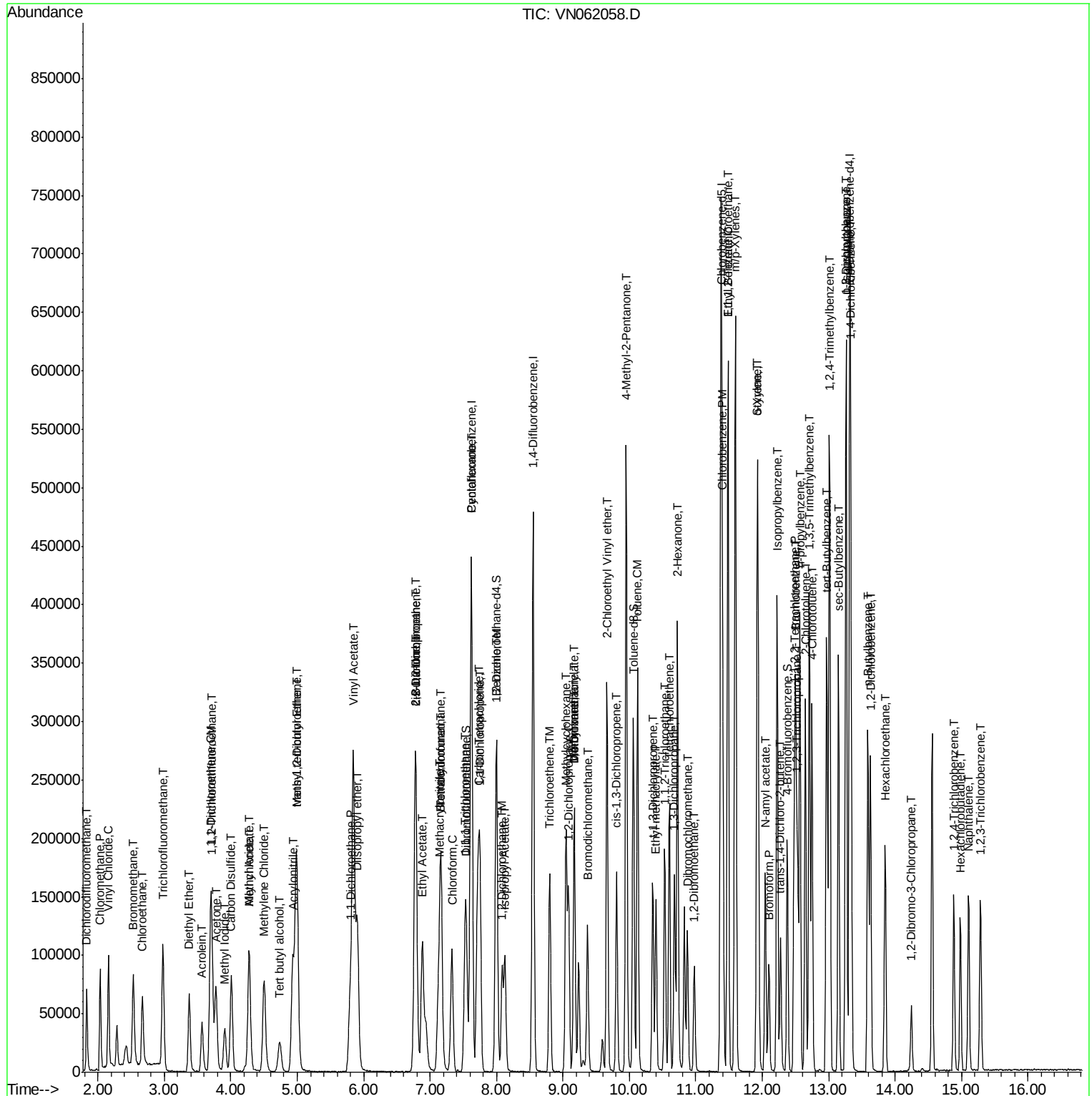
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Data File : VN062058.D
Acq On : 24 Jun 2020 10:30
Operator : JC/MD
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062058.D

Acq: 24 Jun 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tot Ion:168 Resp: 251905

Ion Ratio Lower Upper

168 100

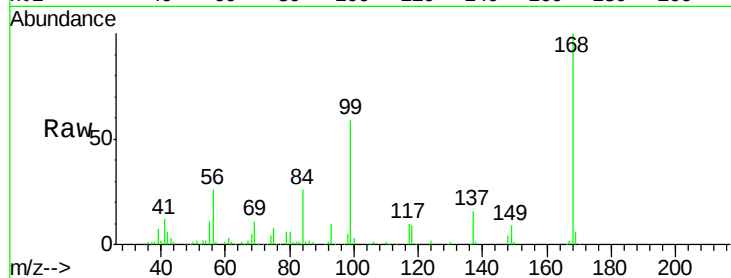
99 58.9 45.8 68.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

120000

100000

80000

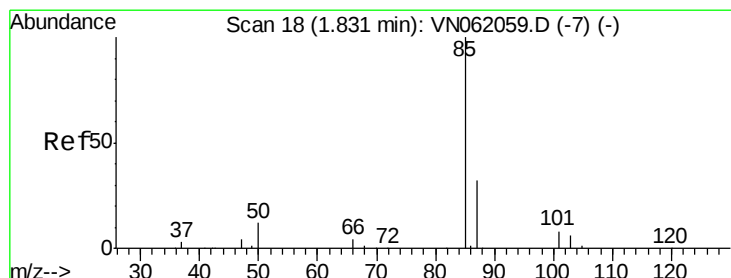
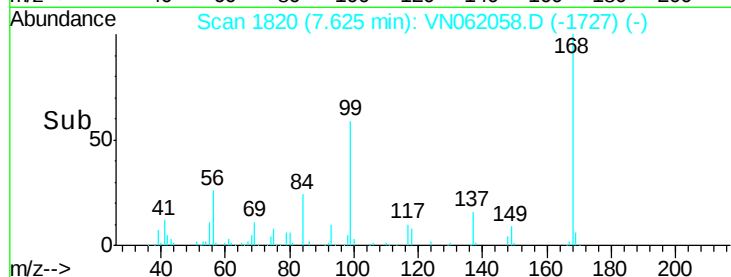
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 19.860 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062058.D

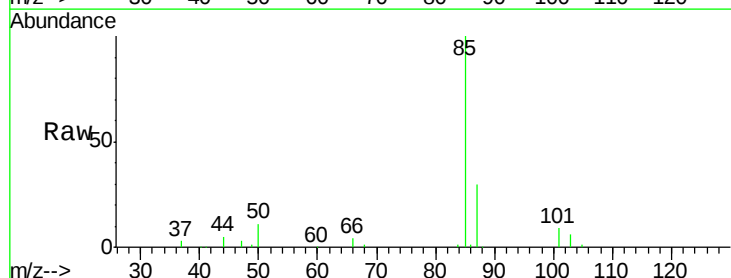
Acq: 24 Jun 2020 10:30

Tgt Ion: 85 Resp: 56000

Ion Ratio Lower Upper

85 100

87 30.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

40000

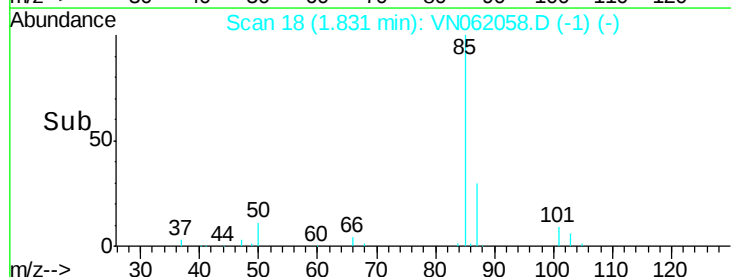
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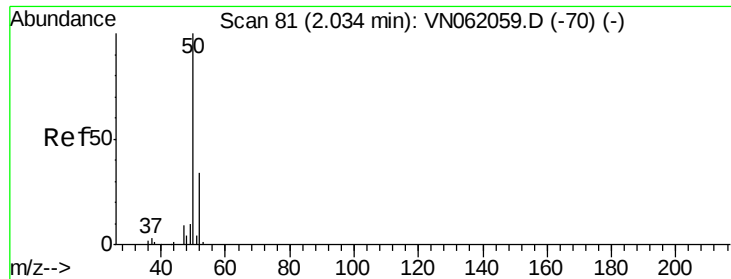
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 20.628 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062058.D

Acq: 24 Jun 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tot Ion: 50 Resp: 71243

Ion Ratio Lower Upper

50 100

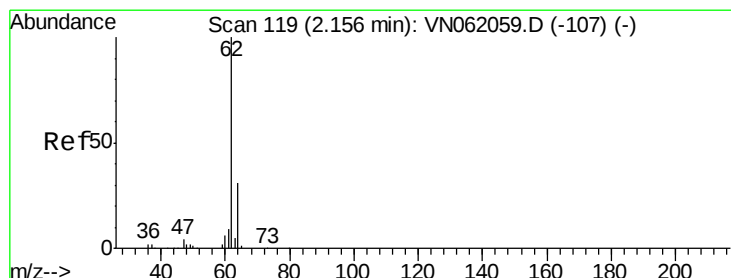
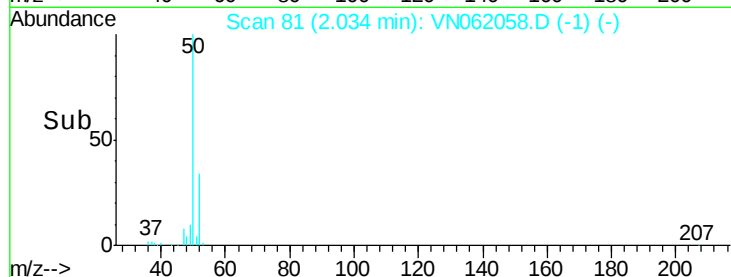
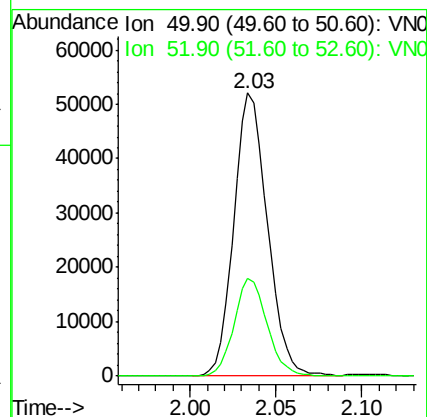
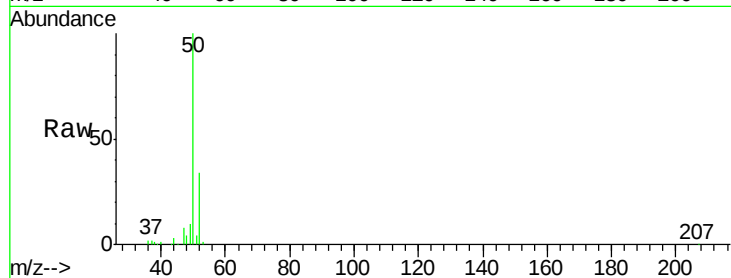
52 34.4 27.0 40.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.772 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062058.D

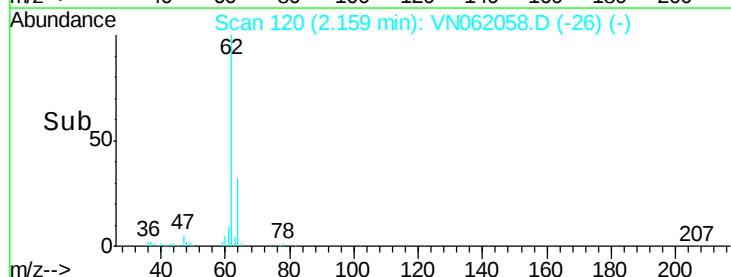
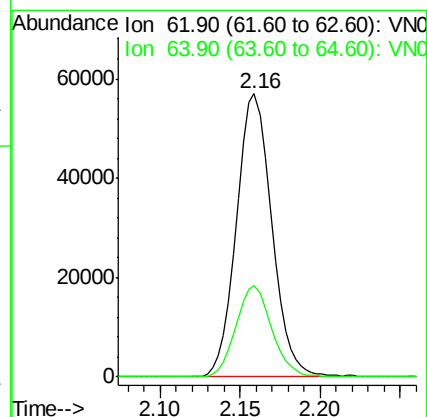
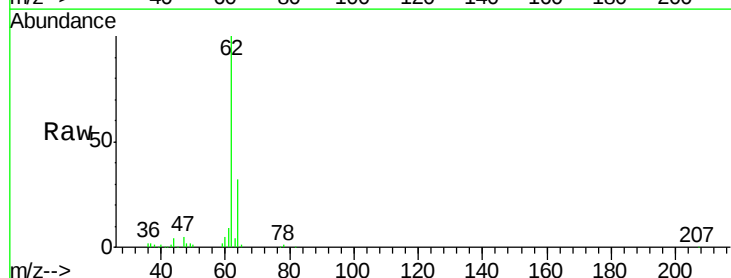
Acq: 24 Jun 2020 10:30

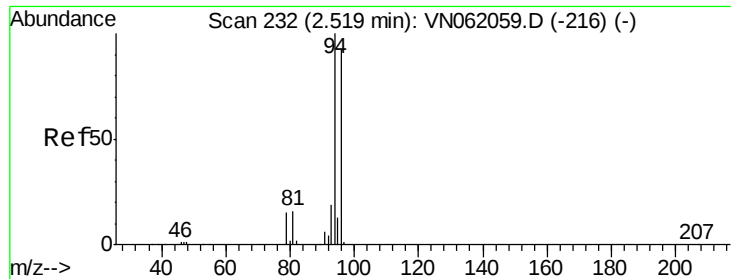
Tgt Ion: 62 Resp: 85623

Ion Ratio Lower Upper

62 100

64 32.3 25.1 37.7





#5

Bromomethane

Concen: 17.981 ug/l

RT: 2.53 min Scan# 236

Delta R.T. 0.01 min

Lab File: VN062058.D

Acq: 24 Jun 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tot Ion: 94 Resp: 56015

Ion Ratio Lower Upper

94 100

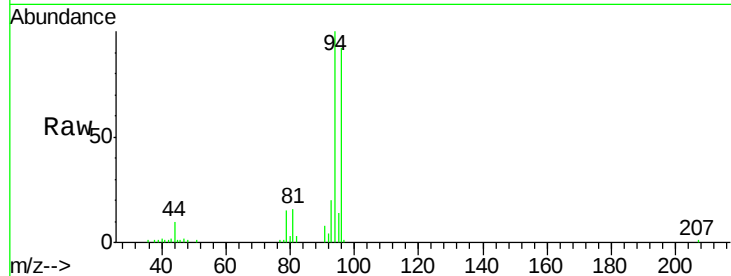
96 92.2 73.4 110.2

Manual Integrations

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6/25/2020 6:10:06 PM



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.53

30000

25000

20000

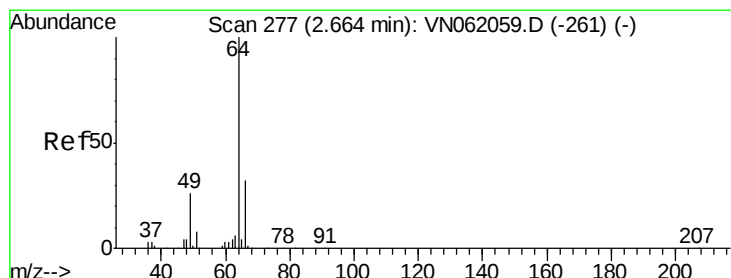
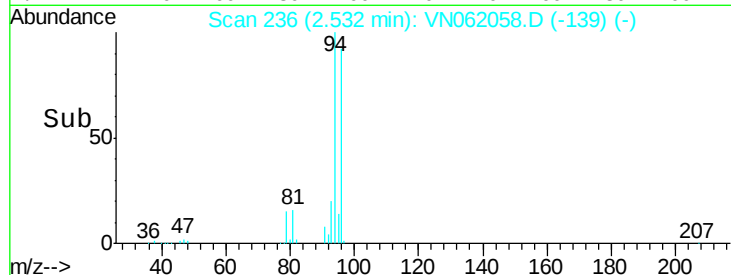
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 20.607 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.01 min

Lab File: VN062058.D

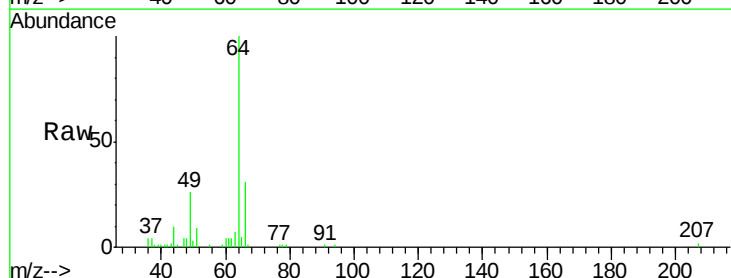
Acq: 24 Jun 2020 10:30

Tgt Ion: 64 Resp: 58030

Ion Ratio Lower Upper

64 100

66 31.2 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.67

30000

25000

20000

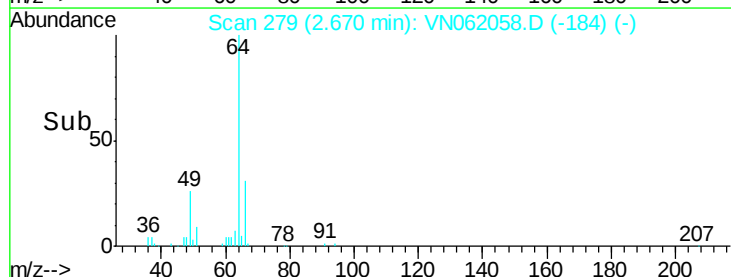
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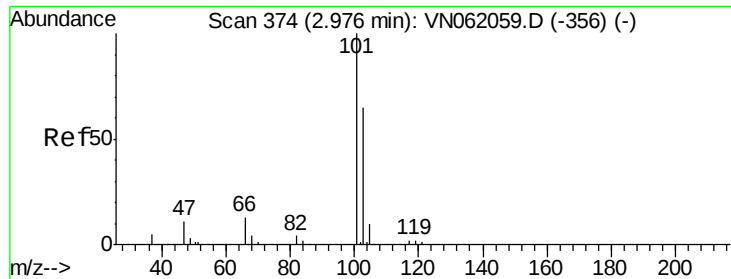
10000

5000

0

Time-->





#7

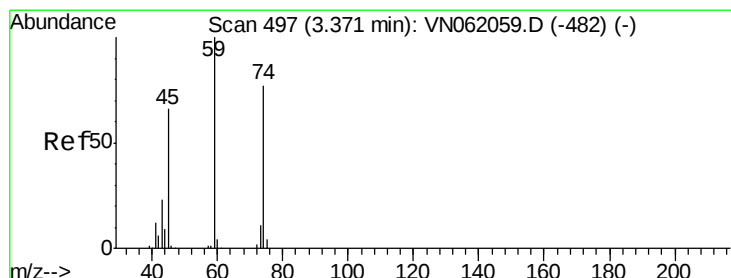
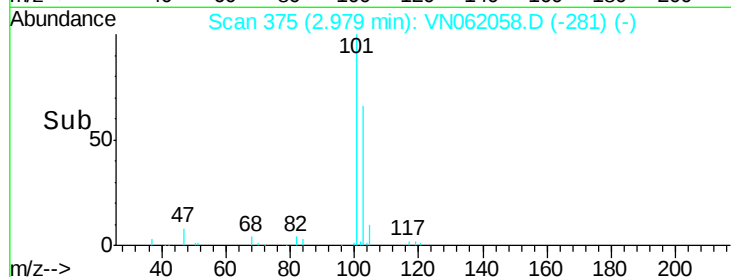
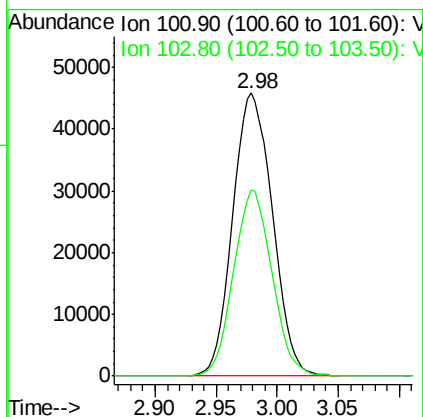
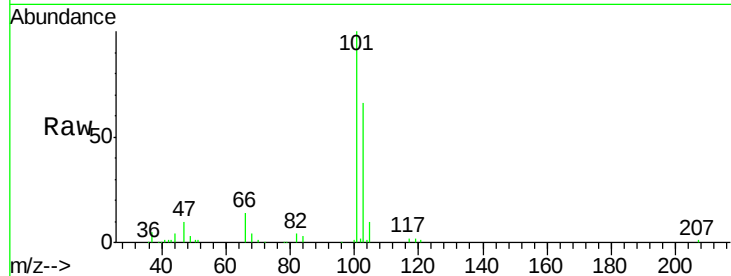
Trichlorofluoromethane
 Concen: 21.186 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN062058.D
 Acq: 24 Jun 2020 10:30

Instrument :
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 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.8	77.6

Manual Integrations
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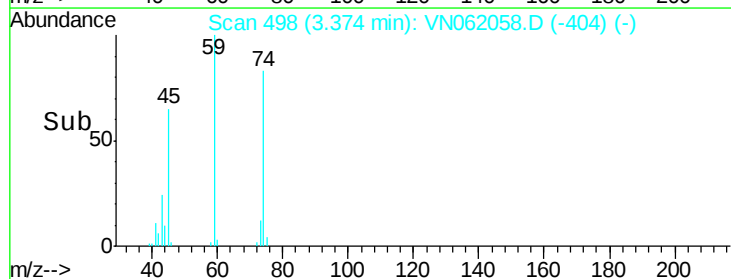
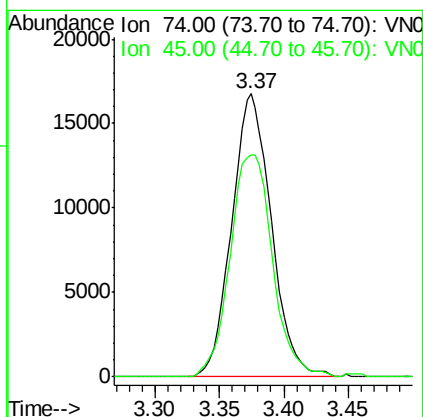
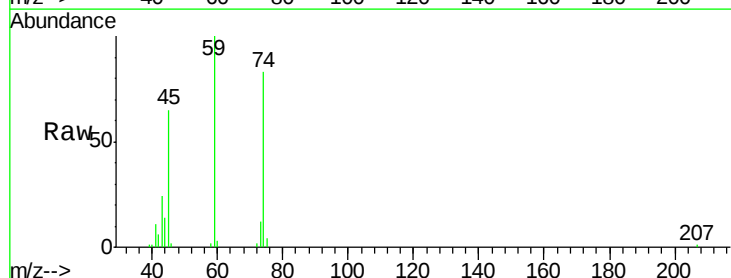
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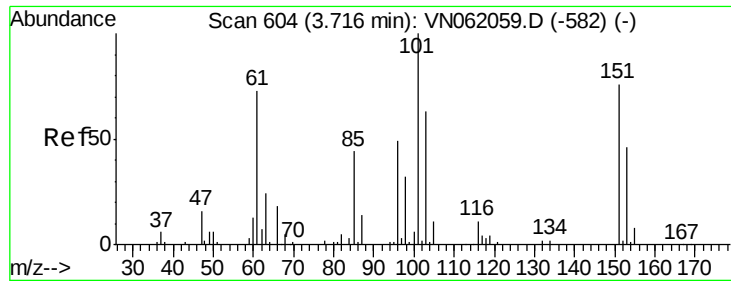


#8

Diethyl Ether
 Concen: 21.286 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062058.D
 Acq: 24 Jun 2020 10:30

Tgt Ion	Ratio	Lower	Upper
74	100		
45	84.3	42.5	127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.302 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062058.D

Acq: 24 Jun 2020 10:30

Instrument :

MSVOA_N

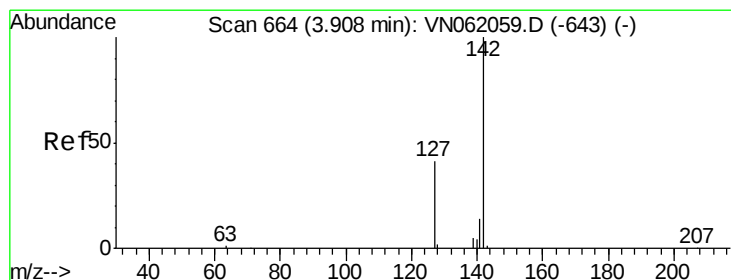
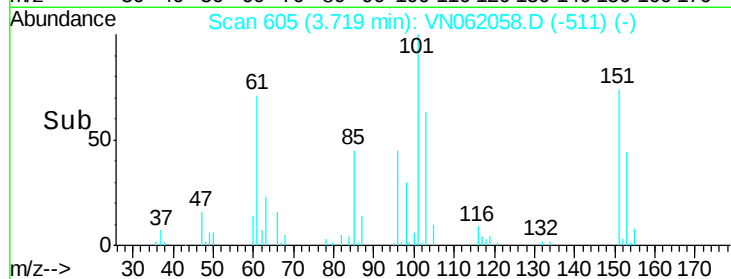
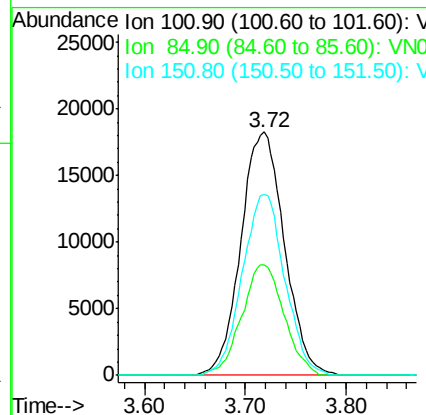
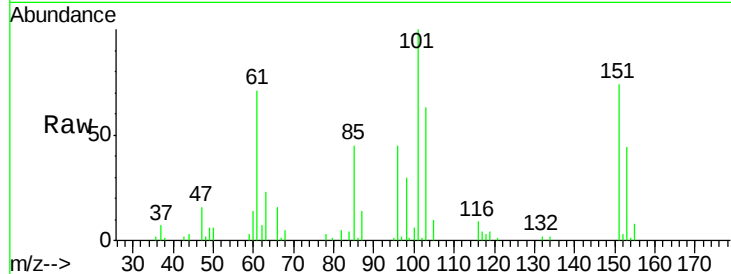
ClientSampleId :

VSTDIC020

Tot Ion:	101	Resp:	54715
Ion Ratio	Lower	Upper	
101	100		
85	44.1	34.5	51.7
151	72.4	57.8	86.8

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#10

Methyl Iodide

Concen: 21.589 ug/l

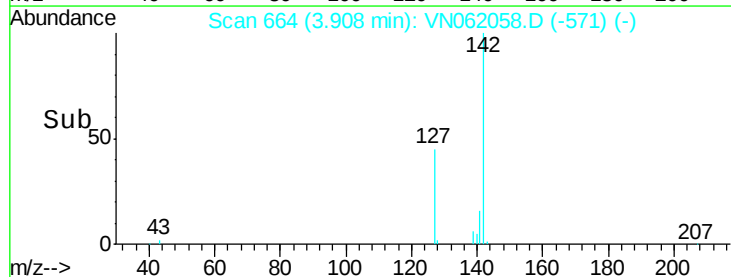
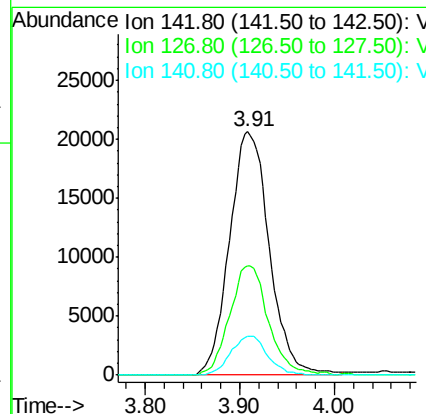
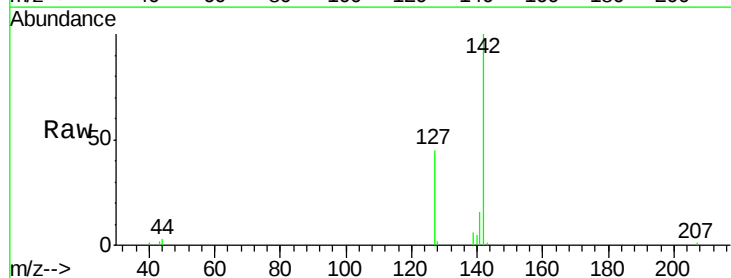
RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN062058.D

Acq: 24 Jun 2020 10:30

Tgt Ion:	142	Resp:	60506
Ion Ratio	Lower	Upper	
142	100		
127	43.2	33.6	50.4
141	14.6	11.3	16.9





#11

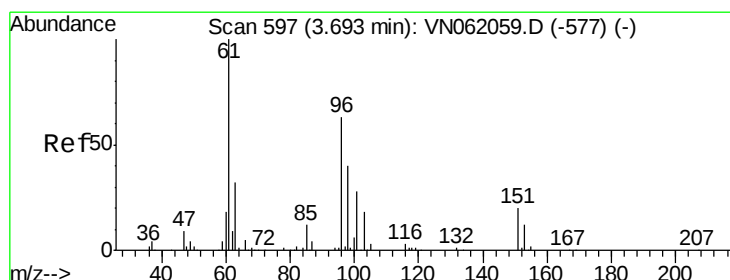
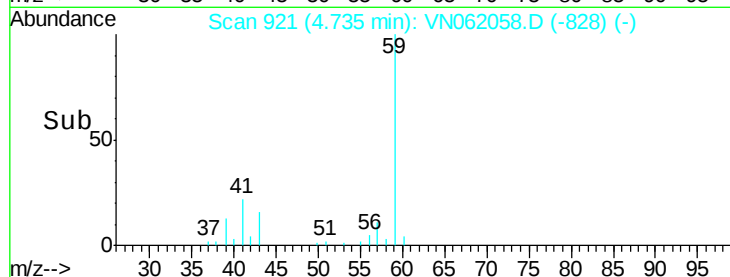
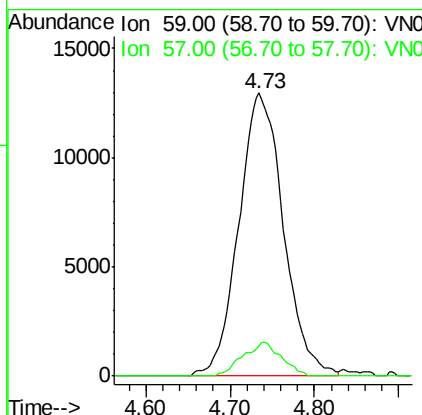
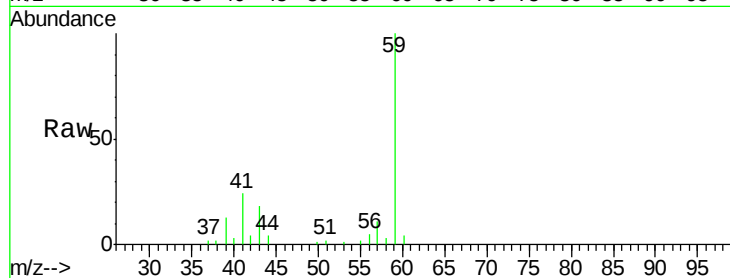
Tert butyl alcohol
Concen: 100.777 ug/l
RT: 4.73 min Scan# 921
Delta R.T. -0.00 min
Lab File: VN062058.D
Acq: 24 Jun 2020 10:30

Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.3	12.5

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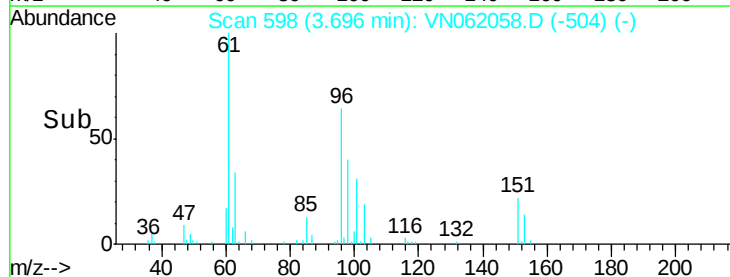
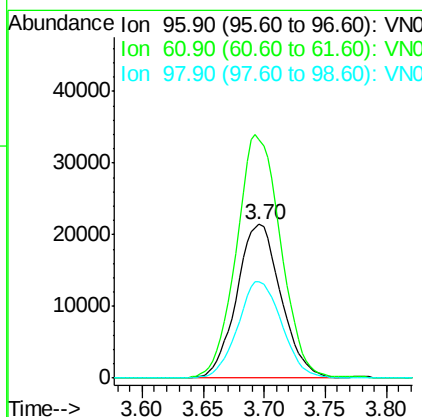
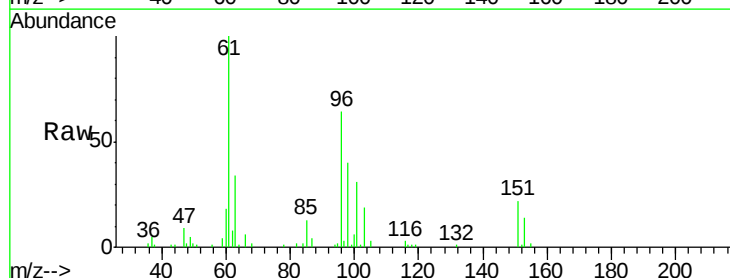
MMDadoda
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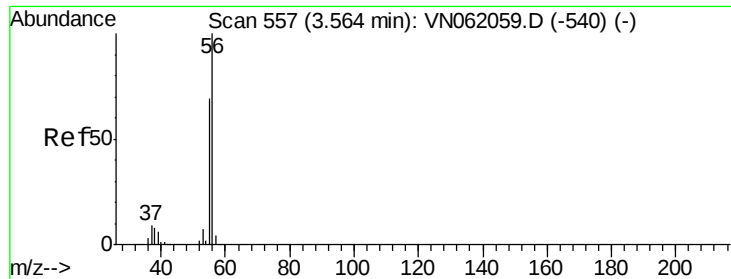


#12

1,1-Dichloroethene
Concen: 20.998 ug/l
RT: 3.70 min Scan# 598
Delta R.T. 0.00 min
Lab File: VN062058.D
Acq: 24 Jun 2020 10:30

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.1	126.7	190.1
98	62.6	51.0	76.4





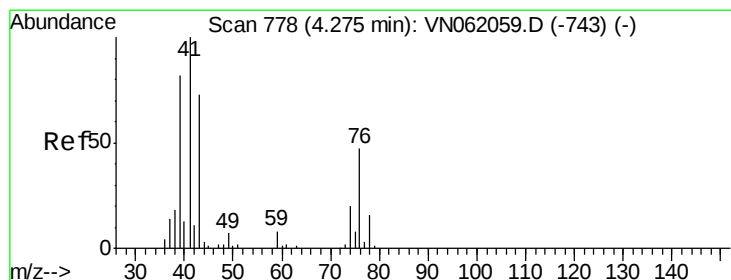
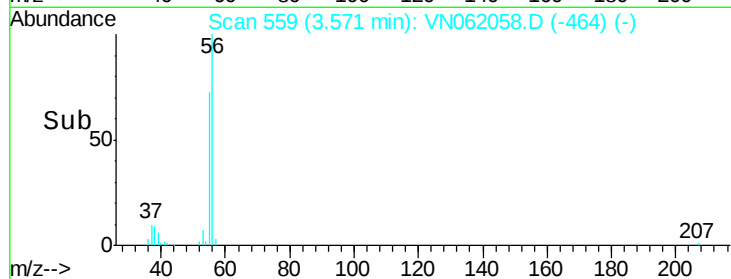
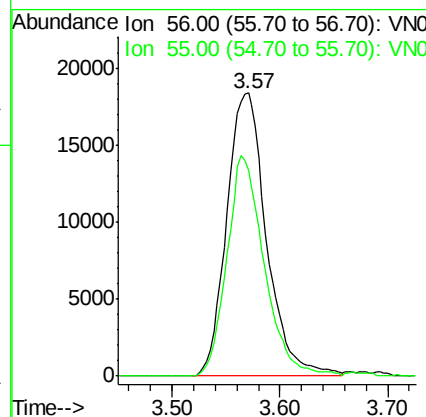
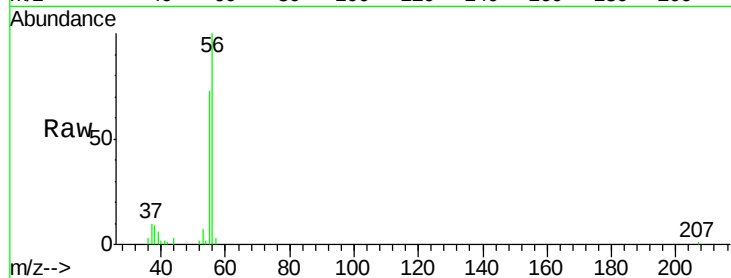
#13
Acrolein
Concen: 145.984 ug/l
RT: 3.57 min Scan# 559
Delta R.T. 0.01 min
Lab File: VN062058.D
Acq: 24 Jun 2020 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.5	55.5	83.3

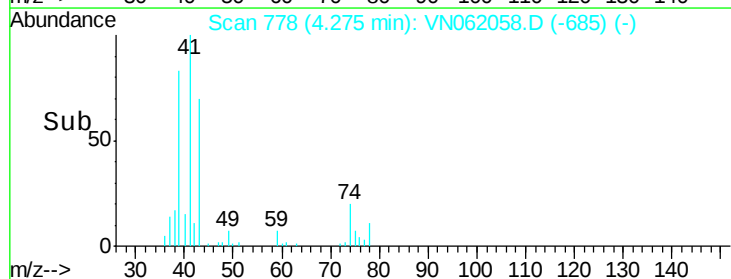
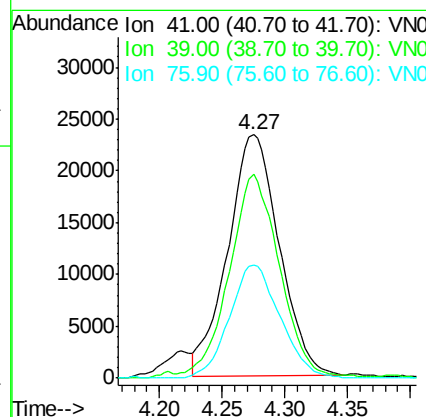
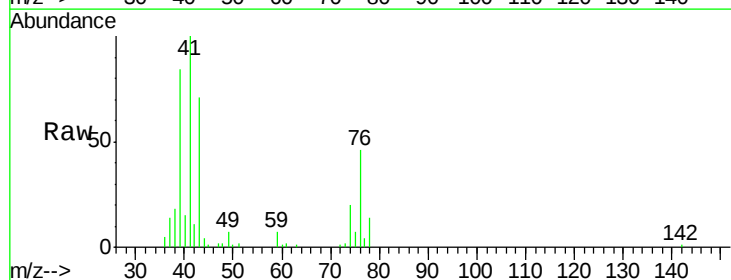
Manual Integrations
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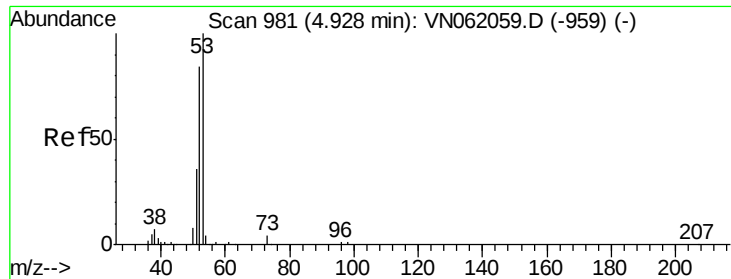
MMDadoda
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#14
Allyl chloride
Concen: 19.290 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN062058.D
Acq: 24 Jun 2020 10:30

Tgt Ion	Ratio	Lower	Upper
41	100		
39	79.3	60.0	90.0
76	46.0	34.1	51.1





#15

Acrylonitrile

Concen: 108.816 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.01 min

Lab File: VN062058.D

Acq: 24 Jun 2020 10:30

Instrument :

MSVOA_N

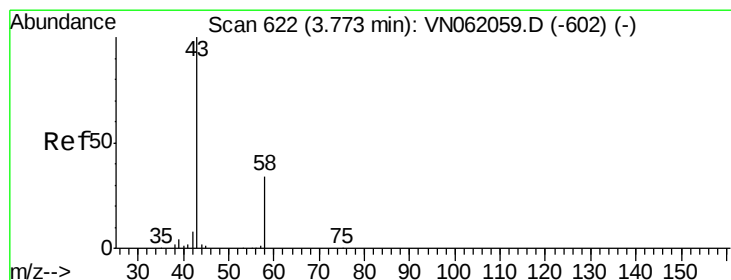
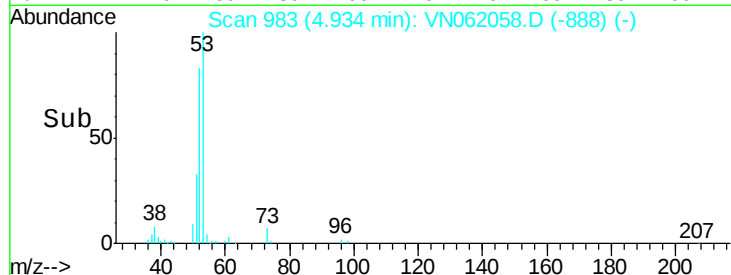
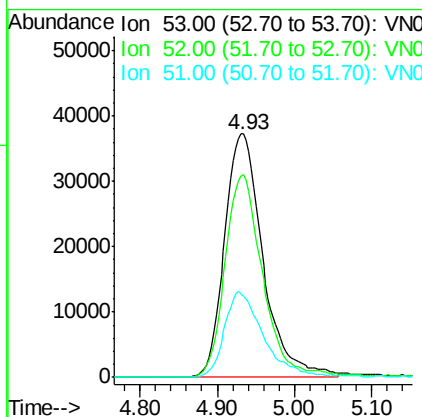
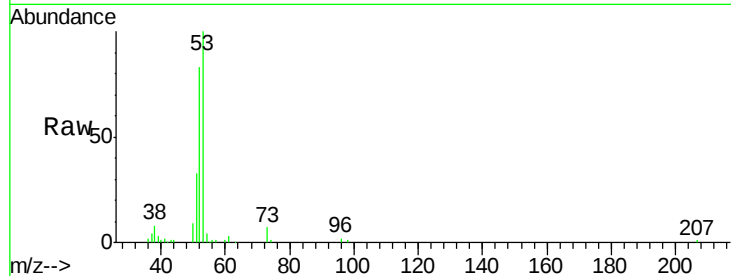
ClientSampleId :

VSTDIC020

Tot Ion:	53	Resp:	128527
Ion Ratio		Lower	Upper
53	100		
52	80.1	66.2	99.4
51	35.6	28.9	43.3

Manual Integrations
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#16

Acetone

Concen: 113.389 ug/l

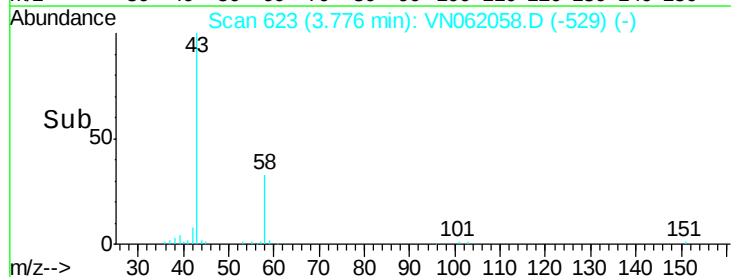
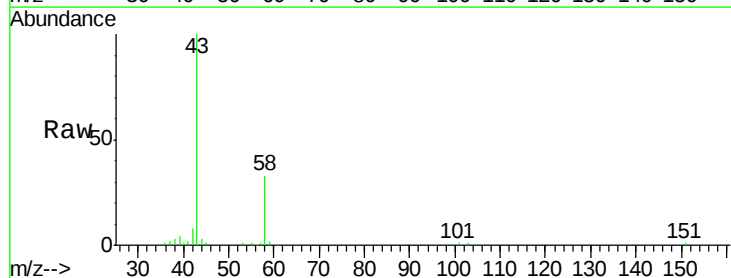
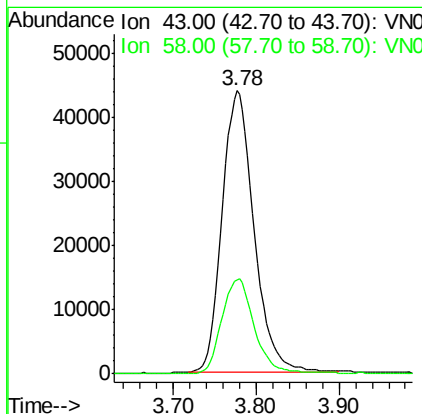
RT: 3.78 min Scan# 623

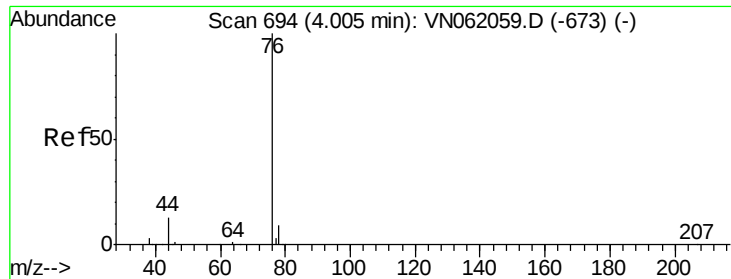
Delta R.T. 0.00 min

Lab File: VN062058.D

Acq: 24 Jun 2020 10:30

Tgt Ion:	43	Resp:	116988
Ion Ratio		Lower	Upper
43	100		
58	33.4	27.5	41.3





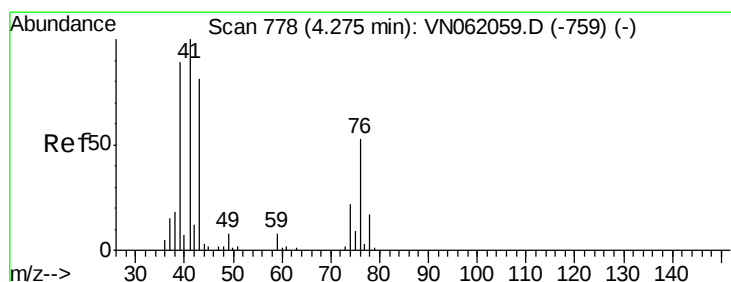
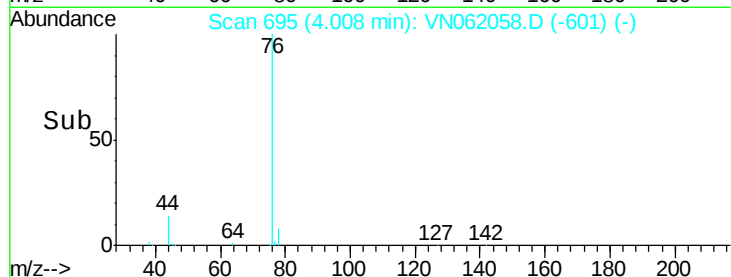
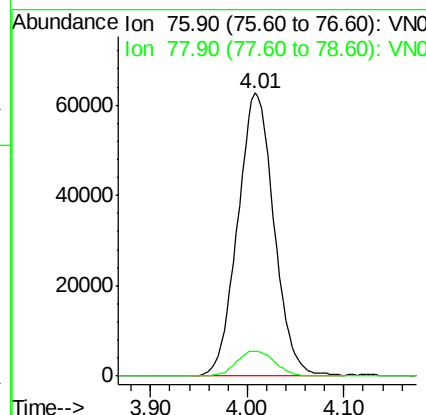
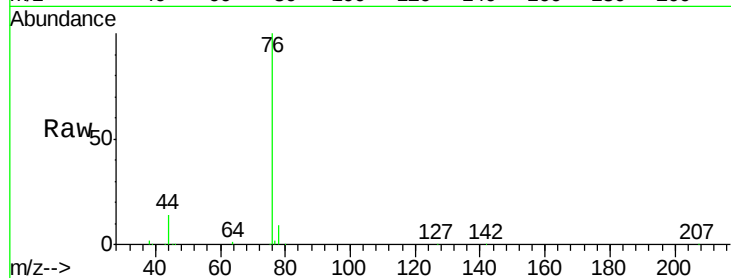
#17
Carbon Disulfide
Concen: 21.689 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062058.D
Acq: 24 Jun 2020 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

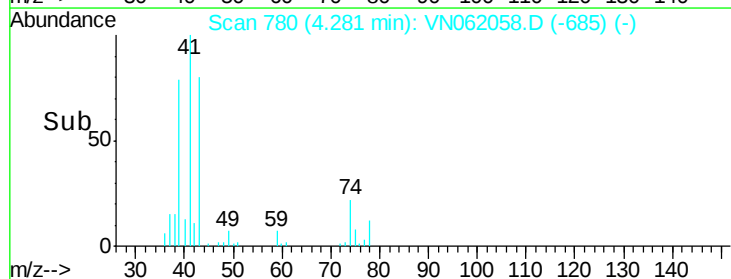
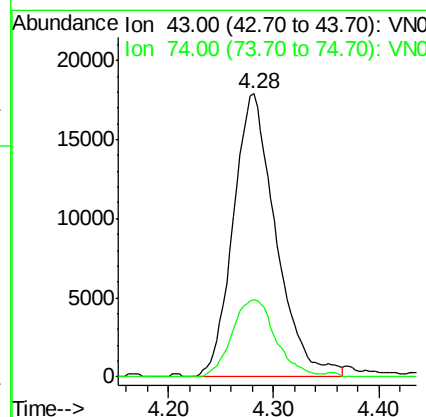
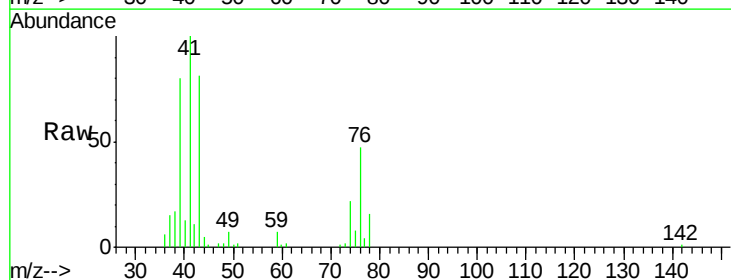
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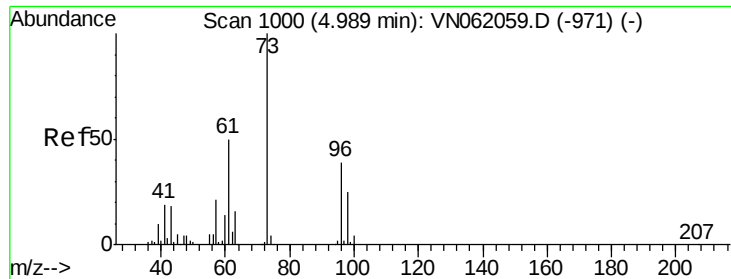
MMDadoda
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#18
Methyl Acetate
Concen: 17.886 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.01 min
Lab File: VN062058.D
Acq: 24 Jun 2020 10:30

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.8	22.9	34.3





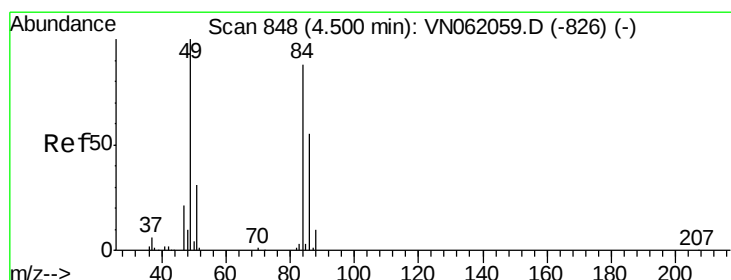
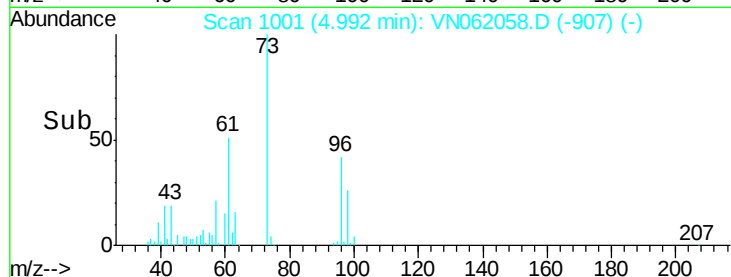
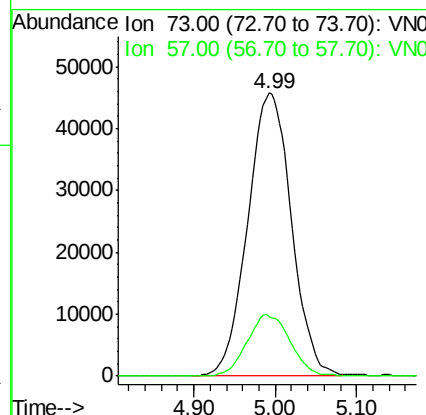
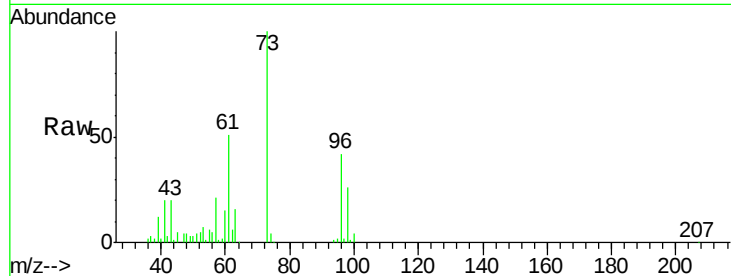
#19
Methvl tert-butvl Ether
Concen: 19.866 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN062058.D
Acq: 24 Jun 2020 10:30

Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

Tot Ion: 73 Resp: 169988
Ion Ratio Lower Upper
73 100
57 21.1 16.6 24.8

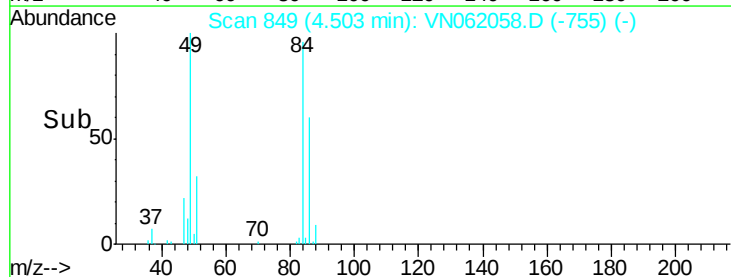
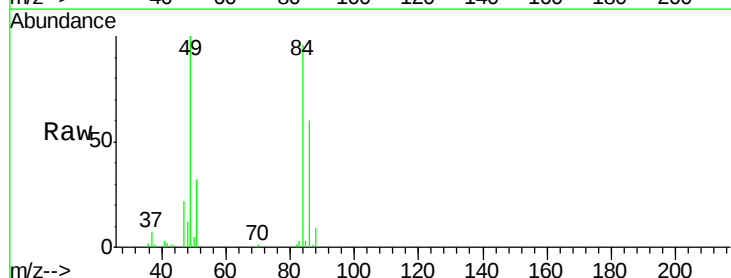
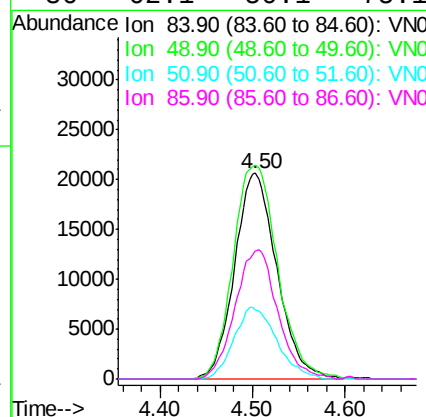
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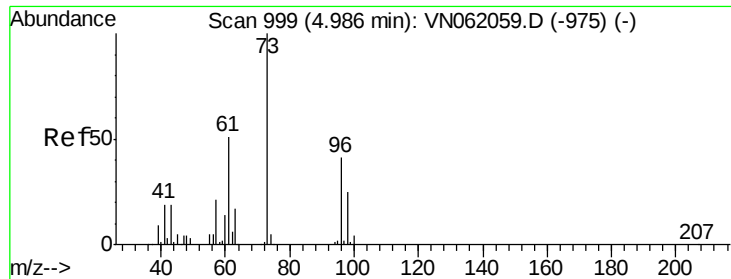
MMDadoda
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#20
Methylene Chloride
Concen: 19.885 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062058.D
Acq: 24 Jun 2020 10:30

Tgt Ion: 84 Resp: 65124
Ion Ratio Lower Upper
84 100
49 103.9 90.6 136.0
51 33.6 27.8 41.8
86 62.1 50.1 75.1





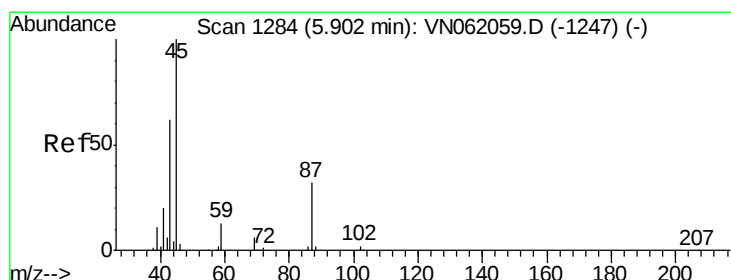
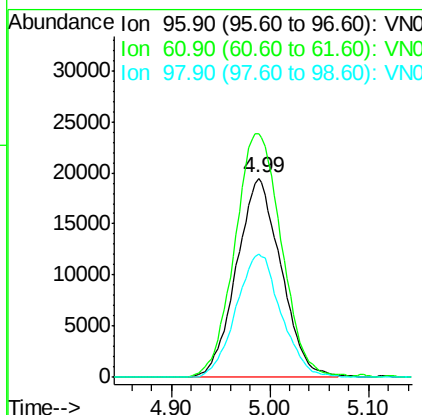
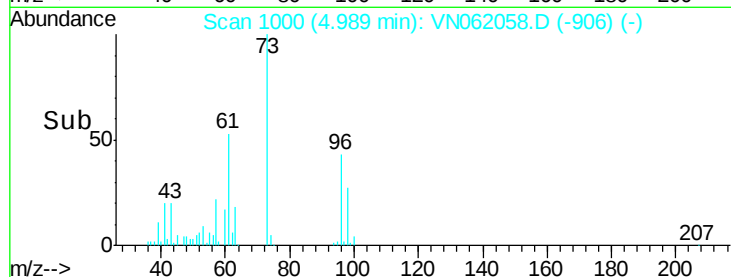
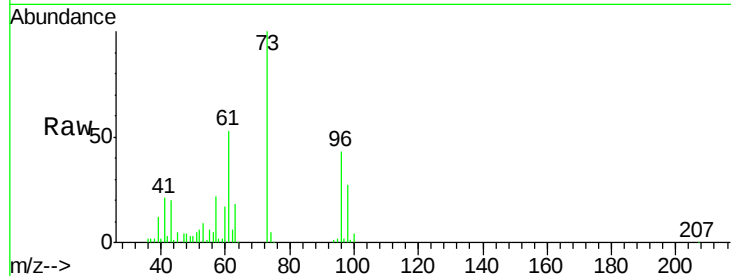
#21
trans-1,2-Dichloroethene
Concen: 20.682 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN062058.D
Acq: 24 Jun 2020 10:30

Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
96	100		
61	122.2	101.4	152.2
98	61.7	49.3	73.9

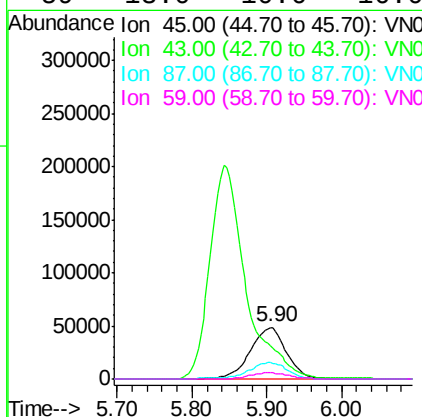
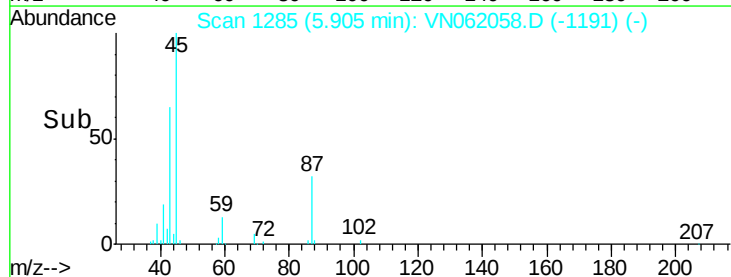
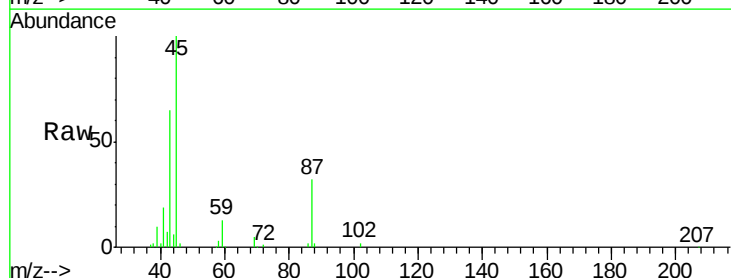
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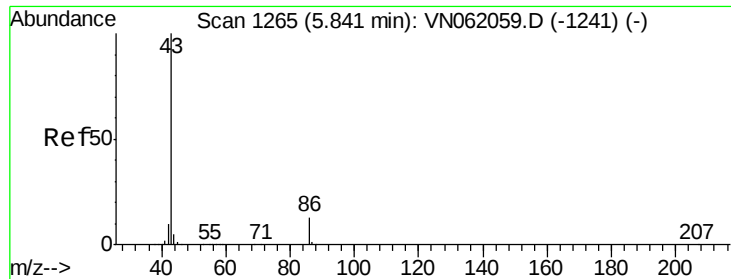
MMDadoda
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#22
Diisopropyl ether
Concen: 20.750 ug/l
RT: 5.90 min Scan# 1285
Delta R.T. 0.00 min
Lab File: VN062058.D
Acq: 24 Jun 2020 10:30

Tgt Ion	Ratio	Lower	Upper
45	100		
43	62.5	49.7	74.5
87	32.2	25.9	38.9
59	13.0	10.6	16.0





#23

Vinyl Acetate

Concen: 107.411 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062058.D

Acq: 24 Jun 2020 10:30

Instrument :

MSVOA_N

ClientSampled :

VSTDIC020

Tot Ion: 43 Resp: 673286

Ion Ratio Lower Upper

43 100

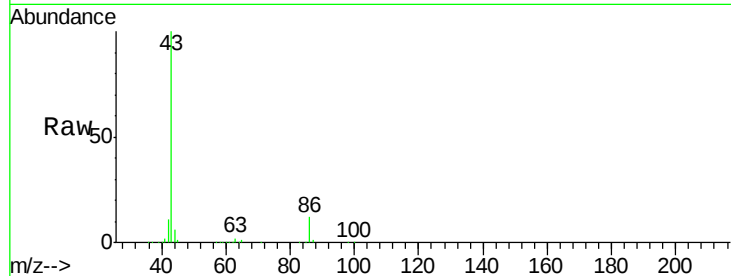
86 12.3 10.1 15.1

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.84

200000

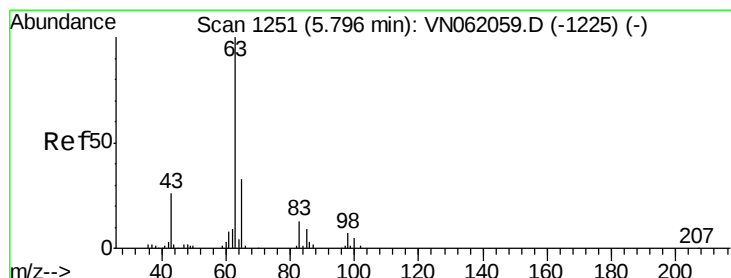
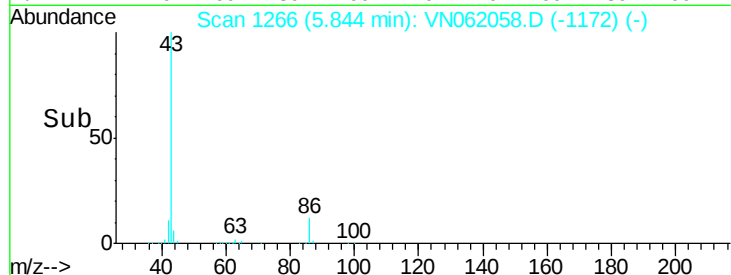
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.901 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062058.D

Acq: 24 Jun 2020 10:30

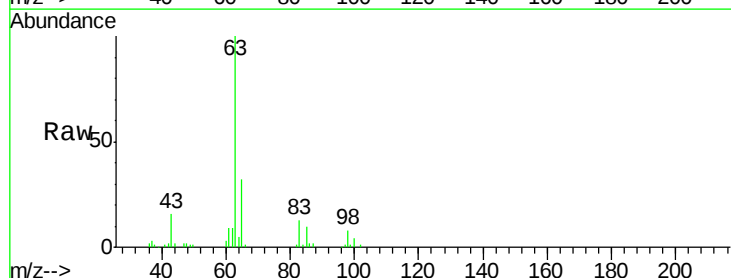
Tgt Ion: 63 Resp: 107291

Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.9

100 3.8 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.80

40000

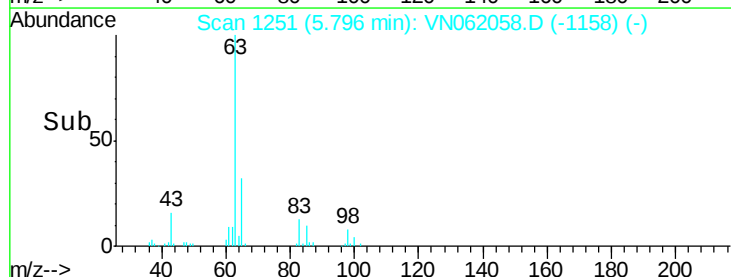
30000

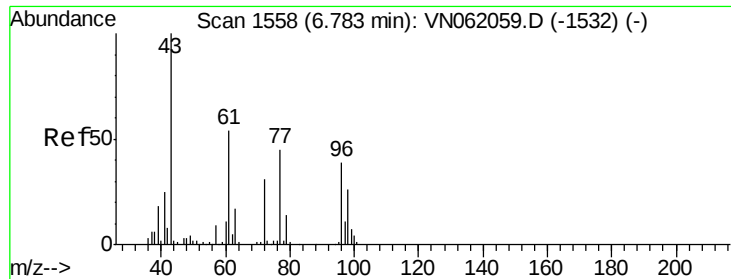
20000

10000

0

Time-->





#25

2-Butanone

Concen: 108.143 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN062058.D

Acq: 24 Jun 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 161103

Ion Ratio Lower Upper

43 100

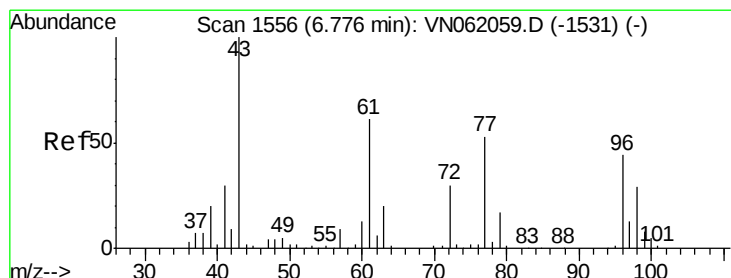
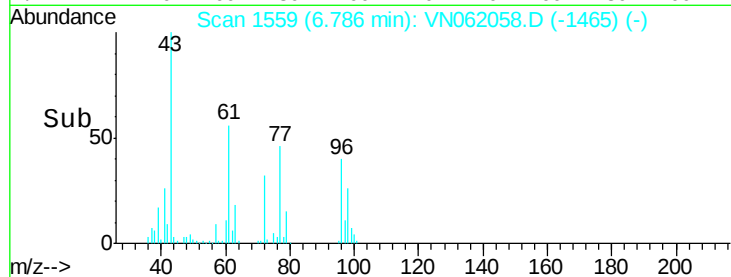
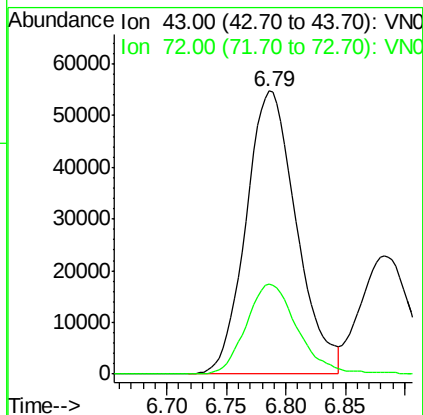
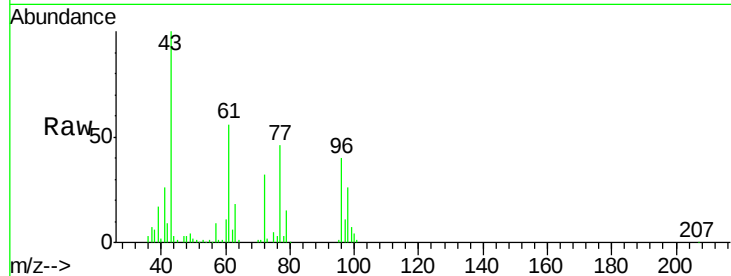
72 31.8 24.8 37.2

Manual Integrations

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6/25/2020 6:10:06 PM



#26

2,2-Dichloropropane

Concen: 20.924 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062058.D

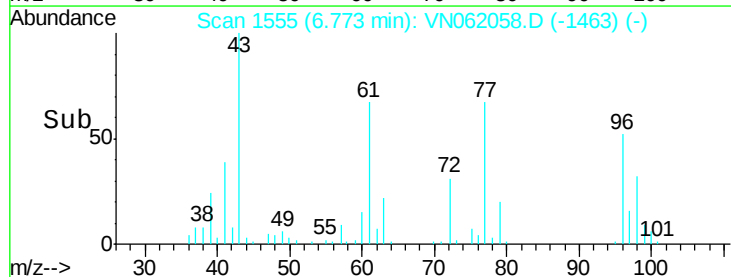
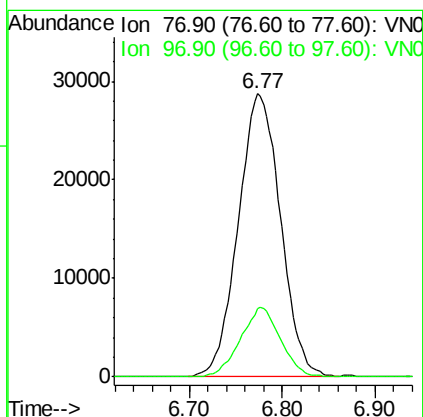
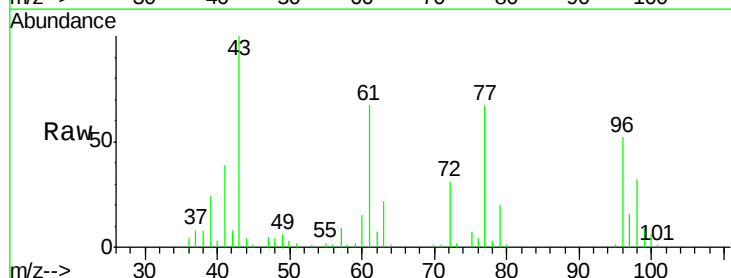
Acq: 24 Jun 2020 10:30

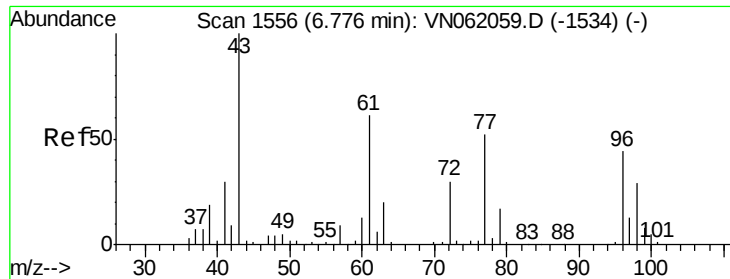
Tgt Ion: 77 Resp: 90842

Ion Ratio Lower Upper

77 100

97 23.2 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 19.866 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN062058.D

Acq: 24 Jun 2020 10:30

Instrument :

MSVOA_N

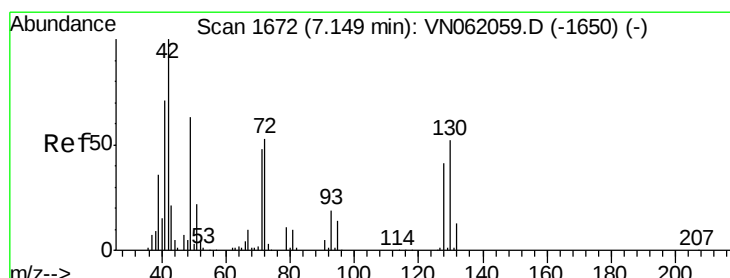
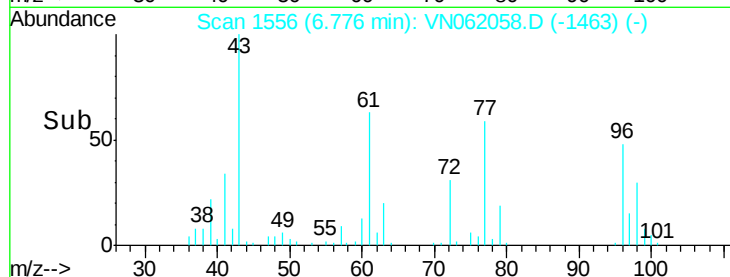
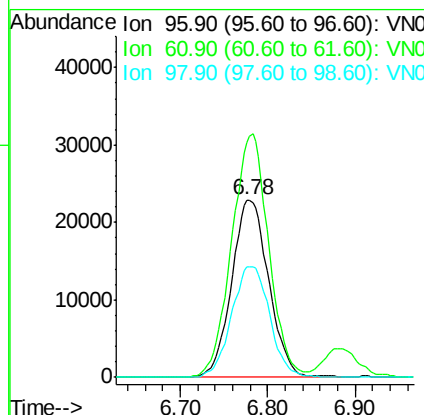
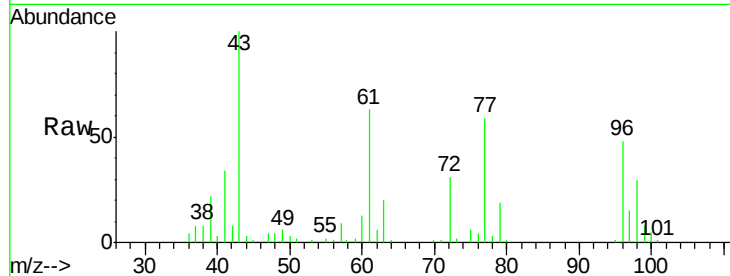
ClientSampleId :

VSTDIC020

Tot Ion:	96	Resp:	67490
Ion	Ratio	Lower	Upper
96	100		
61	136.5	0.0	280.4
98	64.0	0.0	129.4

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#28

Bromochloromethane

Concen: 19.423 ug/l

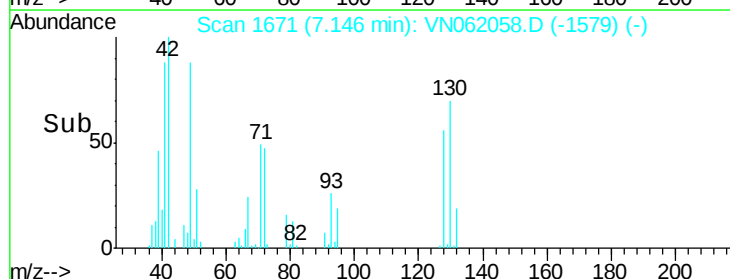
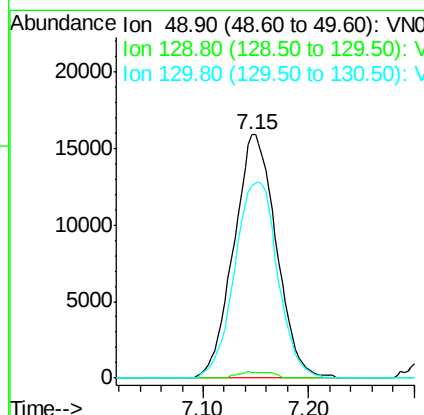
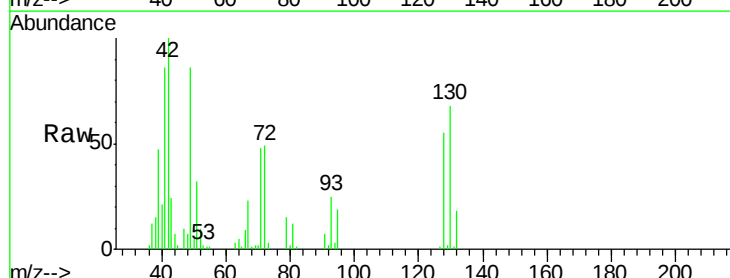
RT: 7.15 min Scan# 1671

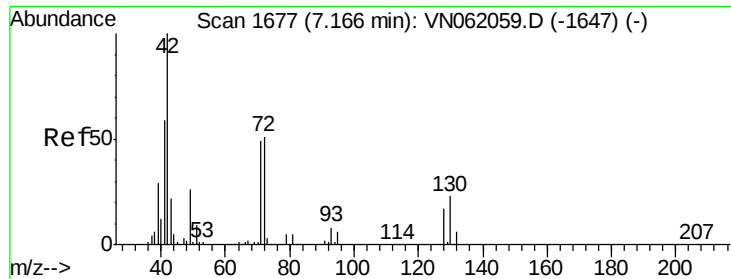
Delta R.T. -0.00 min

Lab File: VN062058.D

Acq: 24 Jun 2020 10:30

Tgt Ion:	49	Resp:	44558
Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	4.4
130	81.5	65.5	98.3





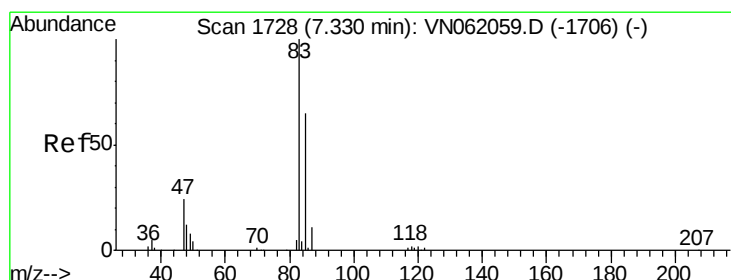
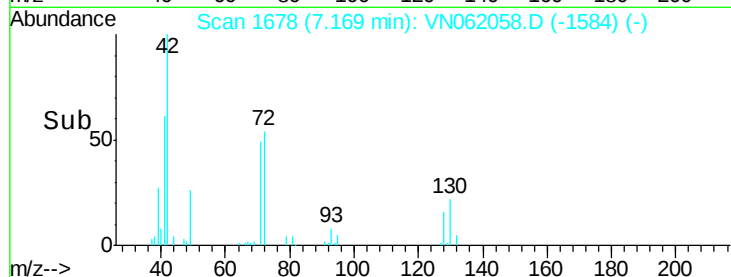
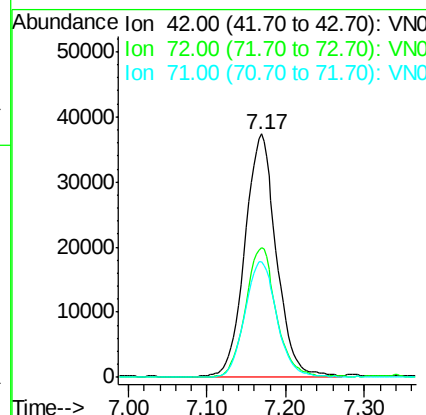
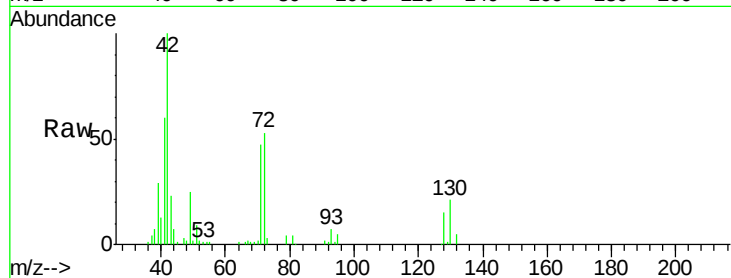
#29
Tetrahydrofuran
Concen: 107.897 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062058.D
Acq: 24 Jun 2020 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.7	41.1	61.7
71	48.0	38.2	57.4

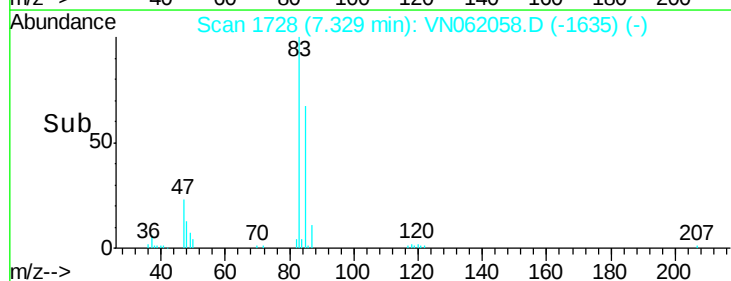
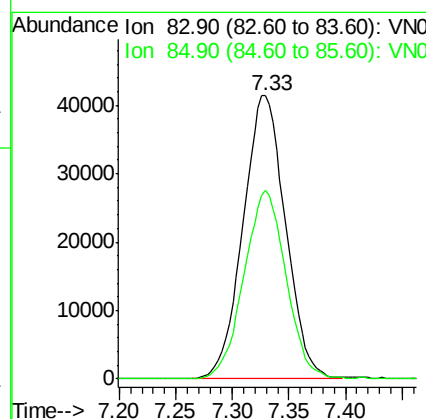
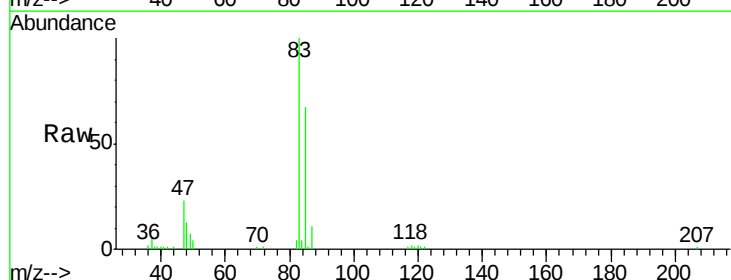
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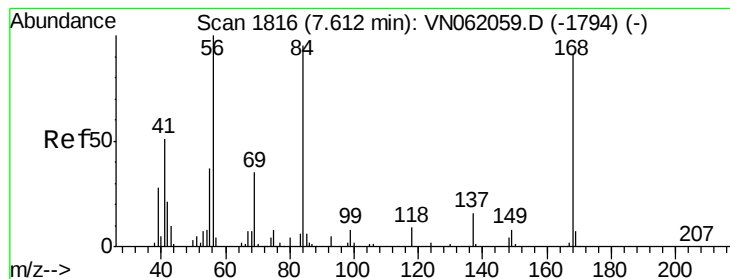
MMDadoda
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#30
Chloroform
Concen: 19.826 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062058.D
Acq: 24 Jun 2020 10:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.8	52.3	78.5





#31

Cvclohexane

Concen: 19.927 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN062058.D

Acq: 24 Jun 2020 10:30

Instrument :

MSVOA_N

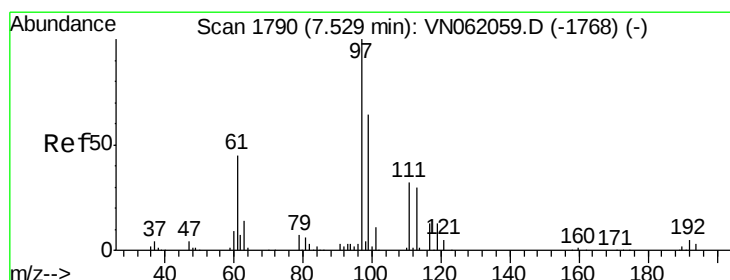
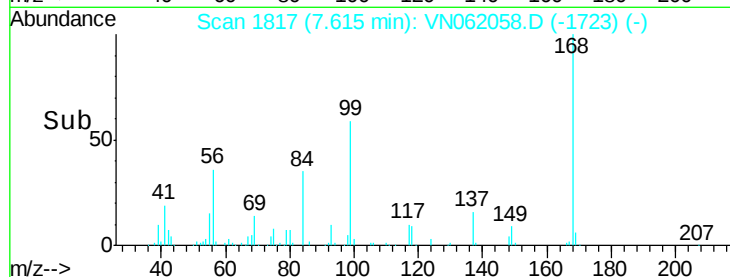
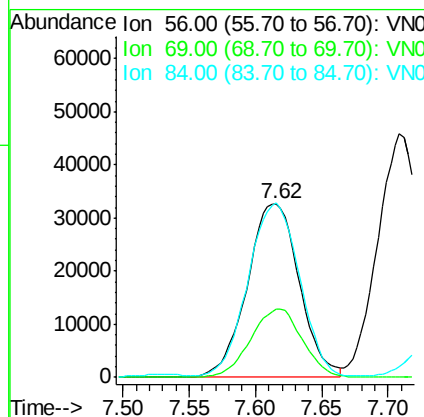
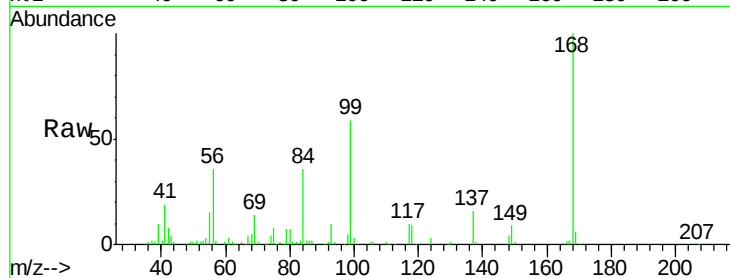
ClientSampleId :

VSTDIC020

Tot Ion:	56	Resp:	89683
Ion Ratio	Lower	Upper	
56	100		
69	39.1	28.0	42.0
84	99.5	76.1	114.1

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#32

1,1,1-Trichloroethane

Concen: 20.053 ug/l

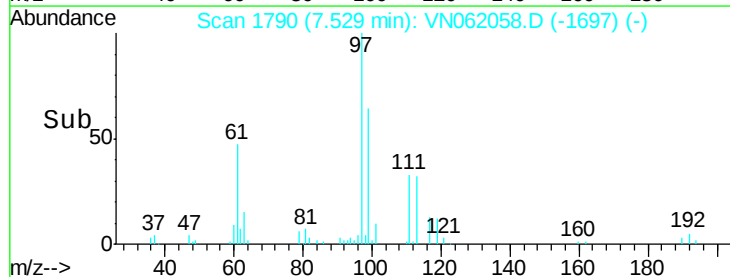
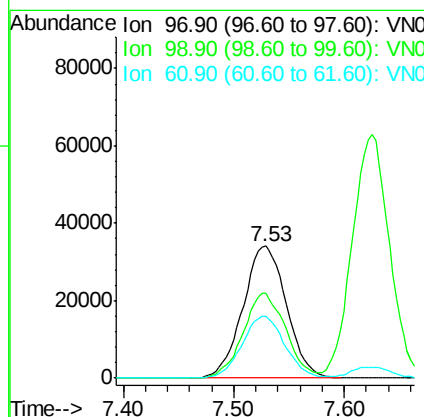
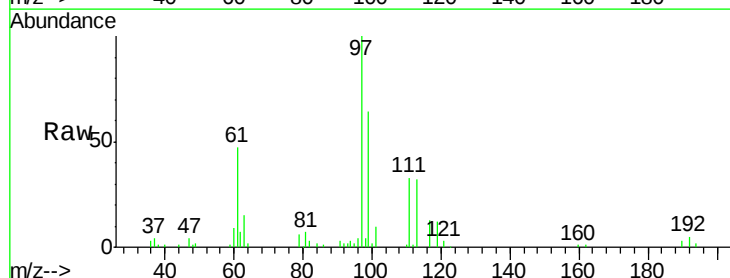
RT: 7.53 min Scan# 1790

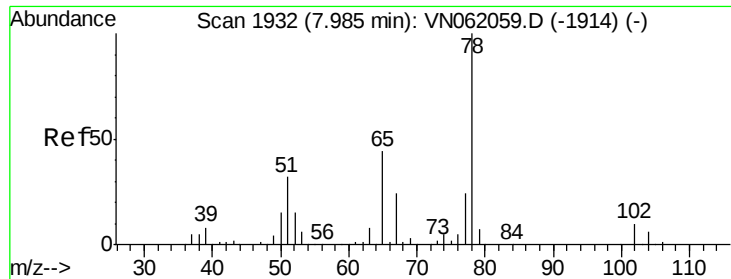
Delta R.T. -0.00 min

Lab File: VN062058.D

Acq: 24 Jun 2020 10:30

Tgt Ion:	97	Resp:	92992
Ion Ratio	Lower	Upper	
97	100		
99	63.1	51.0	76.4
61	46.2	36.2	54.2





#33

1,2-Dichloroethane-d4

Concen: 19.954 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062058.D

Acq: 24 Jun 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tot Ion: 65 Resp: 67316

Ion Ratio Lower Upper

65 100

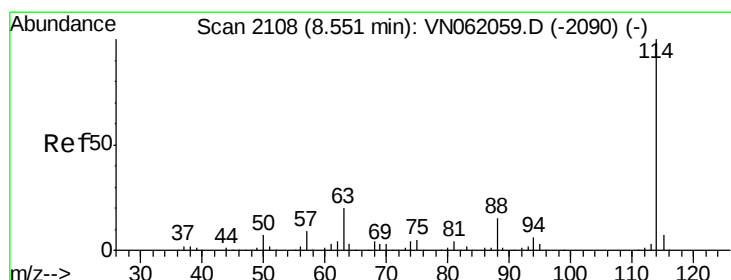
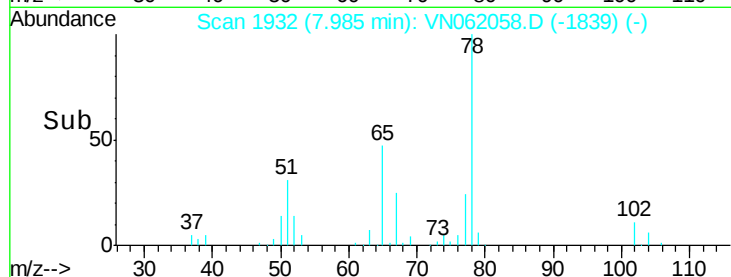
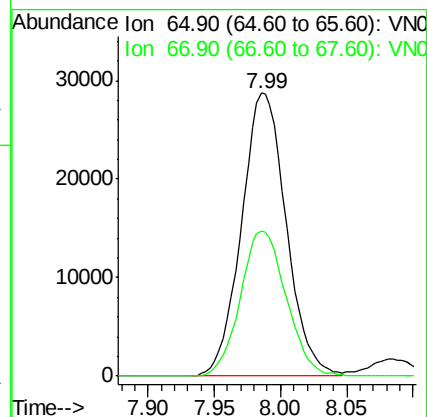
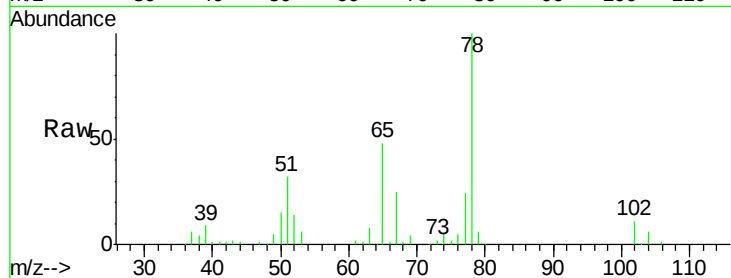
67 52.4 0.0 106.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062058.D

Acq: 24 Jun 2020 10:30

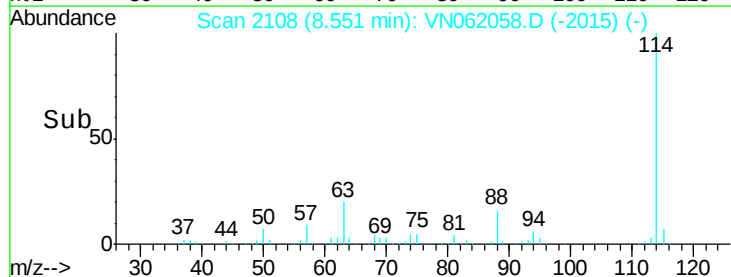
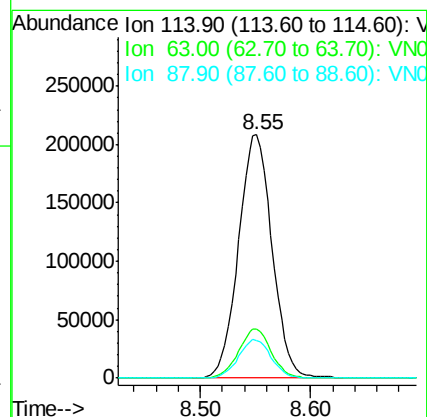
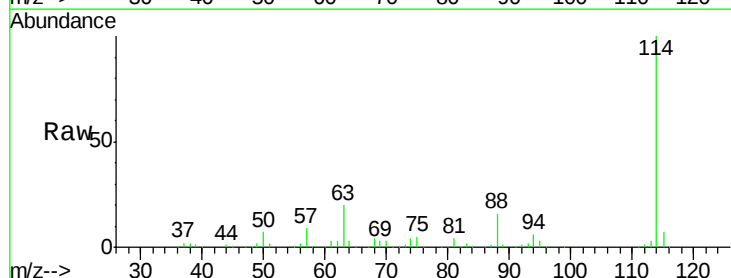
Tgt Ion: 114 Resp: 438741

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.2

88 15.7 0.0 30.8





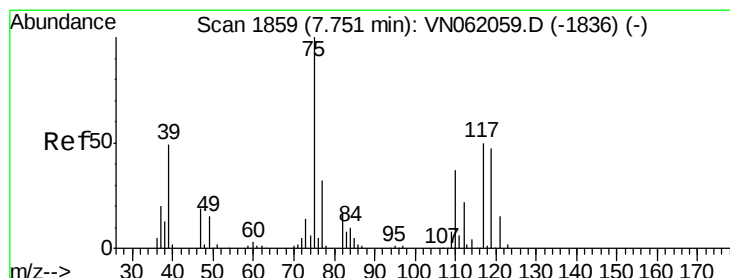
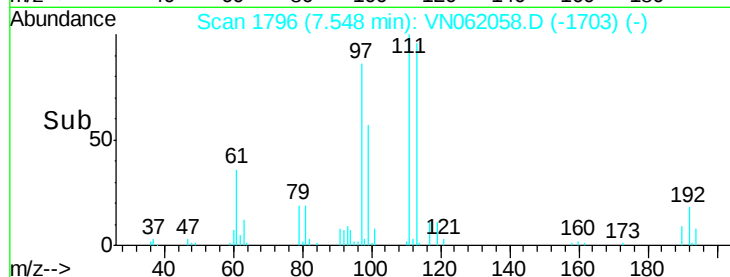
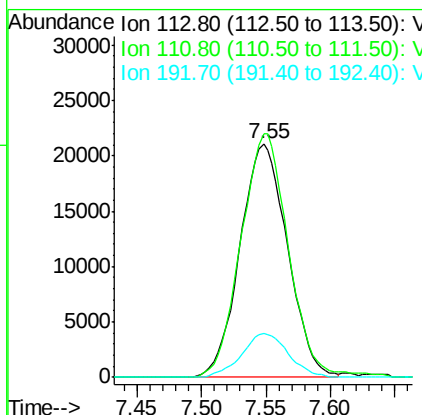
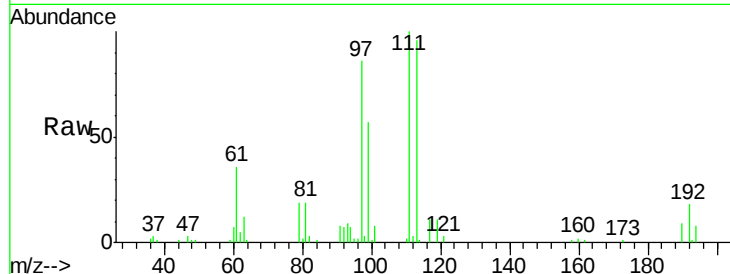
#35
 Dibromofluoromethane
 Concen: 19.404 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062058.D
 Acq: 24 Jun 2020 10:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.2	123.4
192	18.4	14.0	21.0

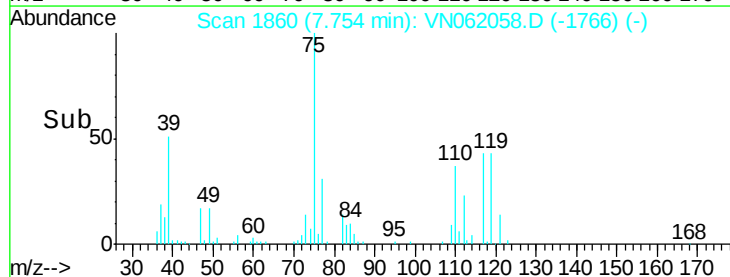
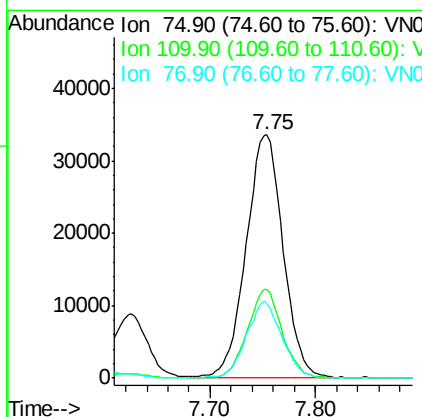
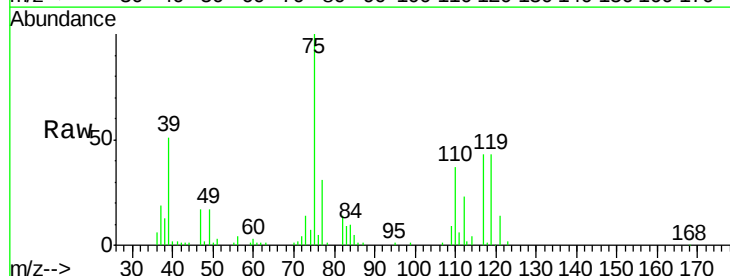
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#36
 1,1-Dichloropropene
 Concen: 20.513 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062058.D
 Acq: 24 Jun 2020 10:30

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.3	17.9	53.8
77	30.0	24.9	37.3





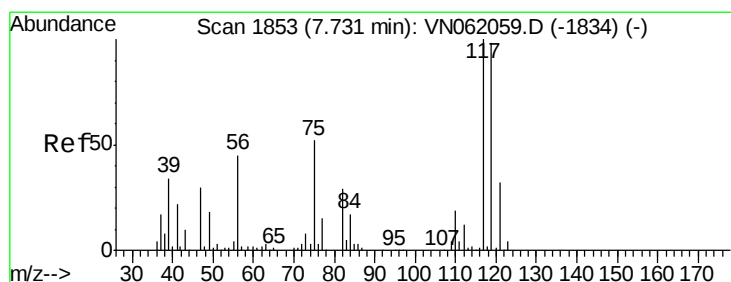
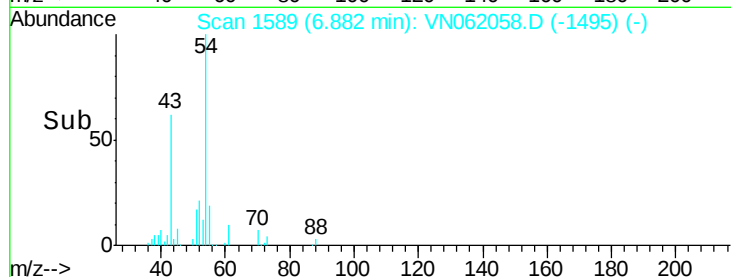
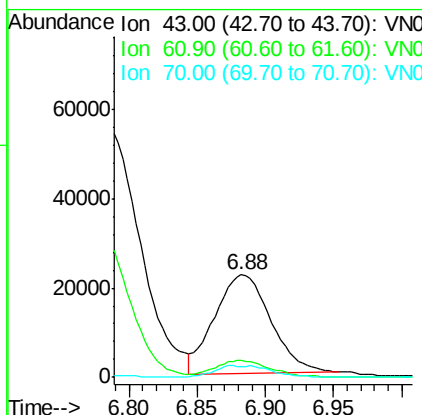
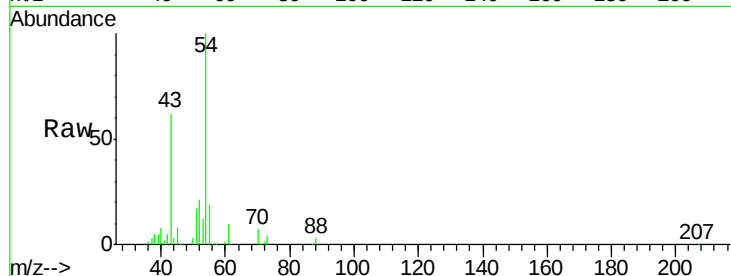
#37
Ethyl Acetate
Concen: 19.945 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062058.D
Acq: 24 Jun 2020 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.9	12.0	18.0
70	5.9	9.6	14.4

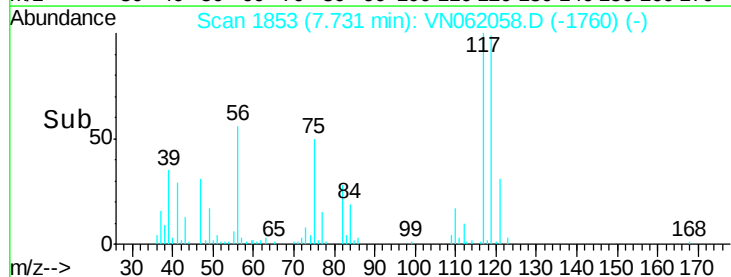
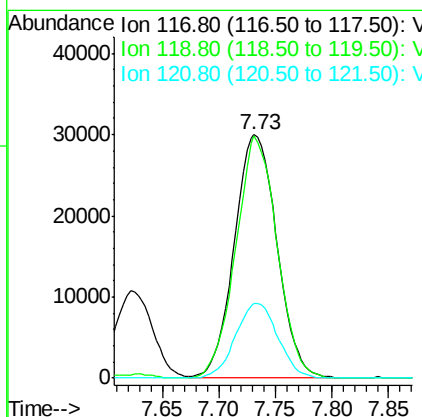
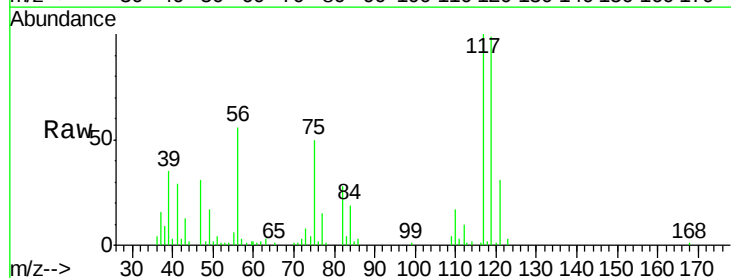
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#38
Carbon Tetrachloride
Concen: 19.944 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062058.D
Acq: 24 Jun 2020 10:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.4	78.2	117.2
121	30.5	25.8	38.6





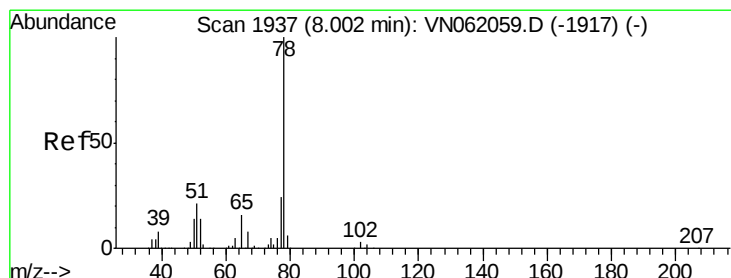
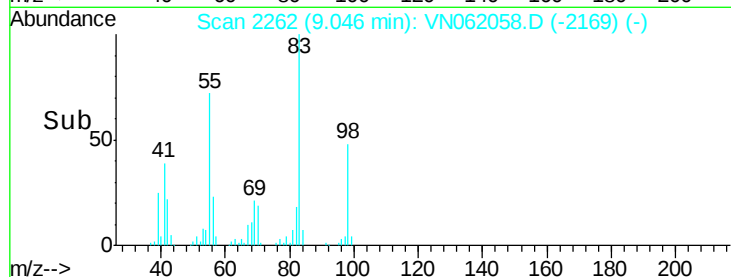
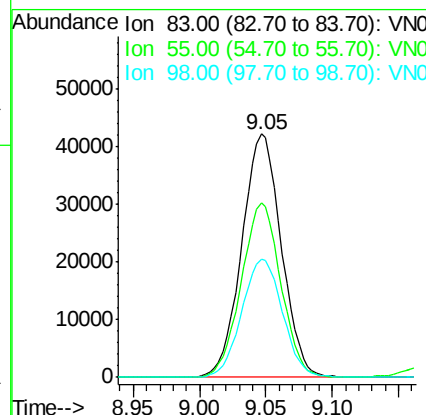
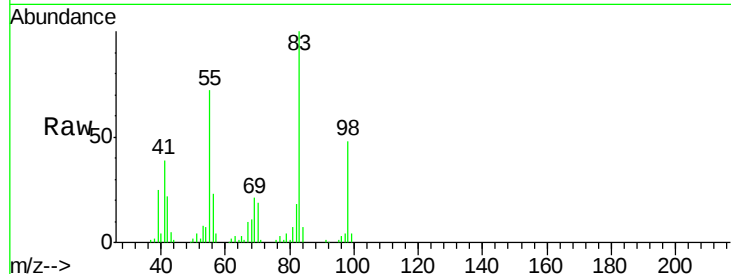
#39
Methvlcvclohexane
Concen: 20.219 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062058.D
Acq: 24 Jun 2020 10:30

Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

Tot Ion	83	Resp	87363
Ion	Ratio	Lower	Upper
83	100		
55	71.7	57.0	85.6
98	48.4	39.0	58.6

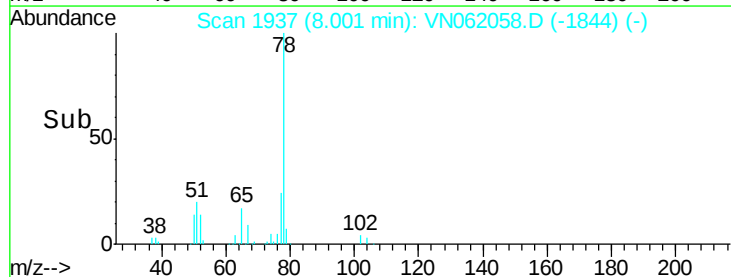
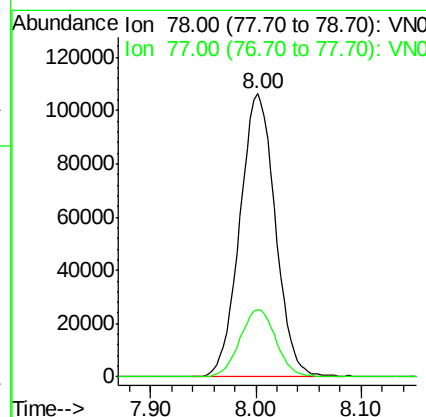
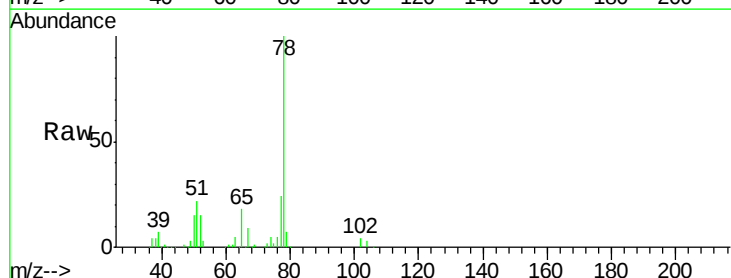
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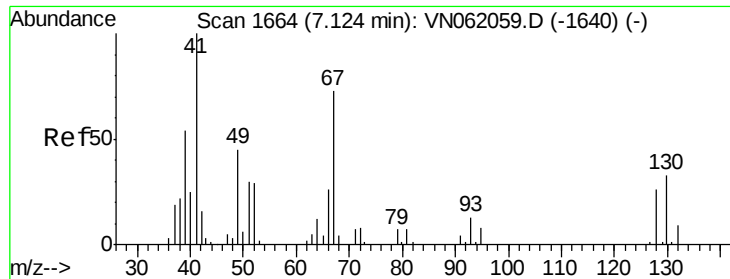
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#40
Benzene
Concen: 20.419 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062058.D
Acq: 24 Jun 2020 10:30

Tgt Ion	78	Resp	249281
Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.5	29.3





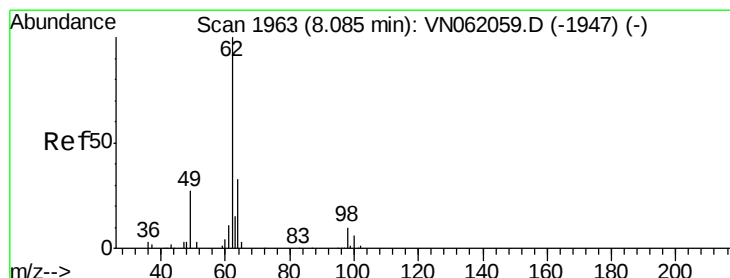
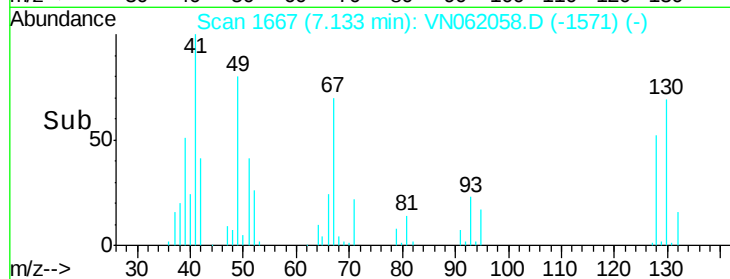
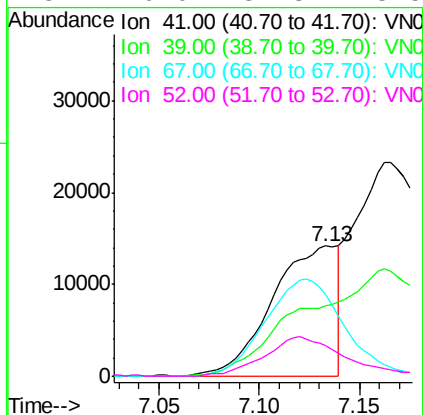
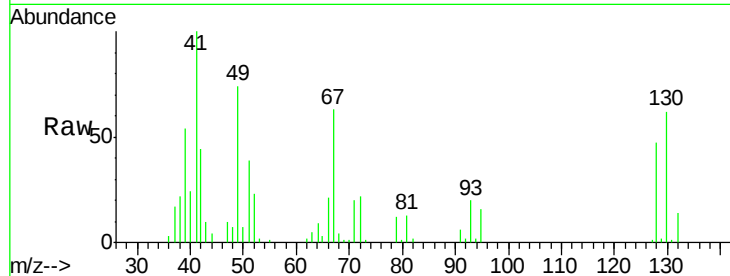
#41
Methacrylonitrile
Concen: 23.521 ug/l m
RT: 7.13 min Scan# 1667
Delta R.T. 0.01 min
Lab File: VN062058.D
Acq: 24 Jun 2020 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
41	100		
39	158.5	44.2	66.2#
67	0.0	79.5	119.3#
52	0.0	32.3	48.5#

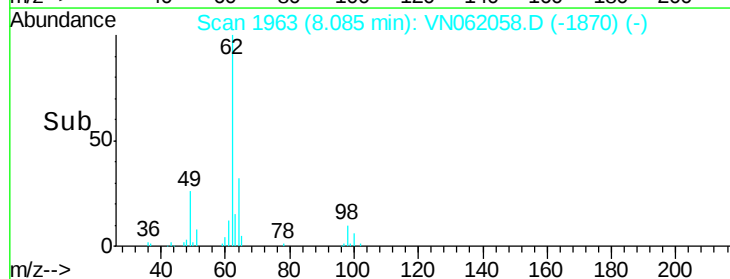
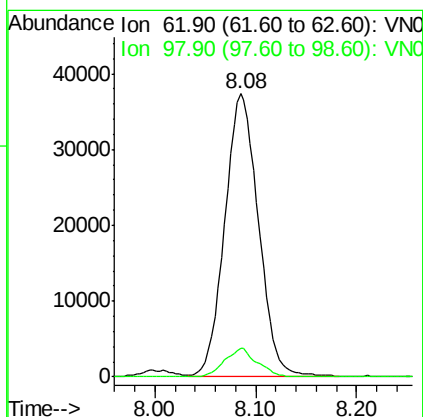
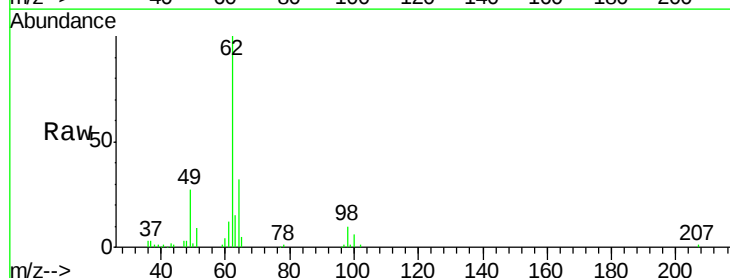
Manual Integrations
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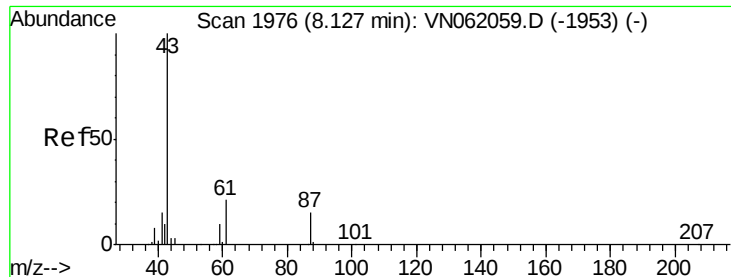
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#42
1,2-Dichloroethane
Concen: 20.962 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062058.D
Acq: 24 Jun 2020 10:30

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.8





#43

Isopropyl Acetate

Concen: 20.348 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062058.D

Acq: 24 Jun 2020 10:30

Instrument :

MSVOA_N

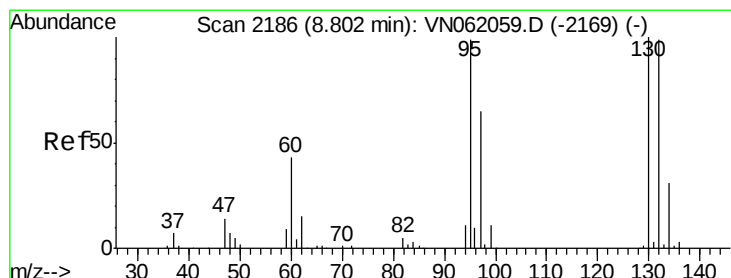
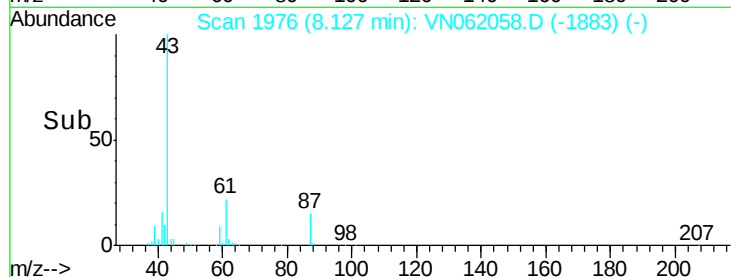
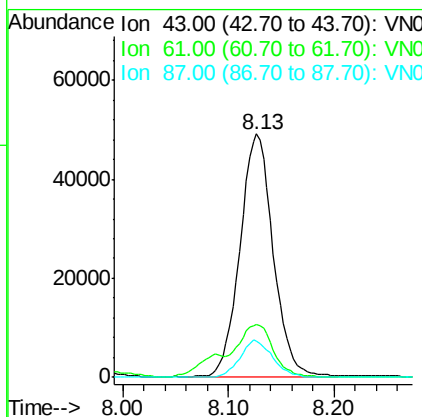
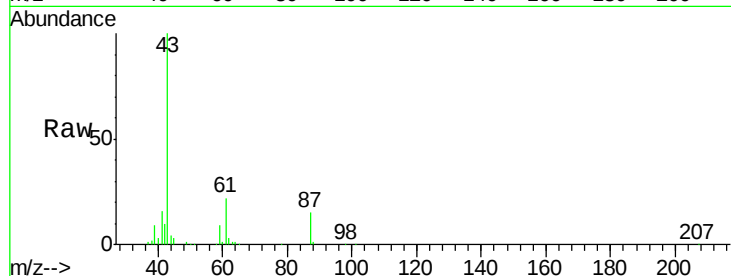
ClientSampleId :

VSTDIC020

Tot Ion:	43	Resp:	108244
Ion	Ratio	Lower	Upper
43	100		
61	22.9	17.2	25.8
87	14.8	12.1	18.1

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#44

Trichloroethene

Concen: 20.313 ug/l

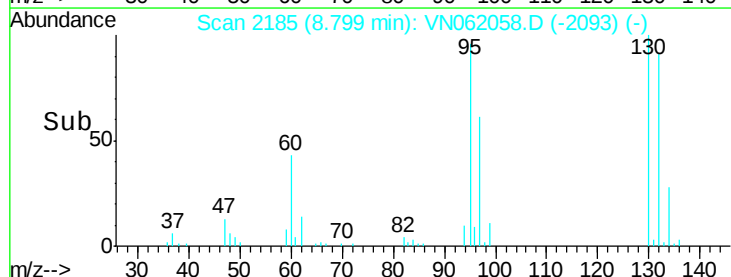
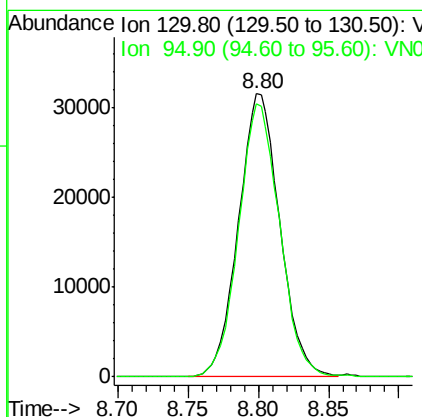
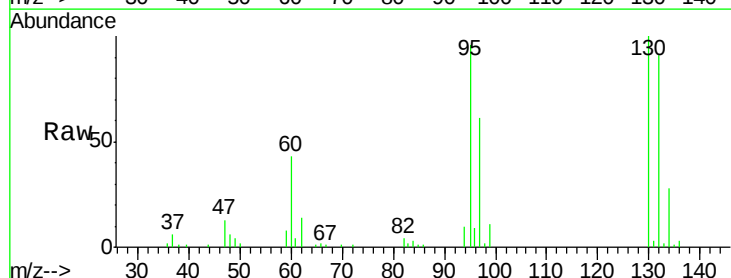
RT: 8.80 min Scan# 2185

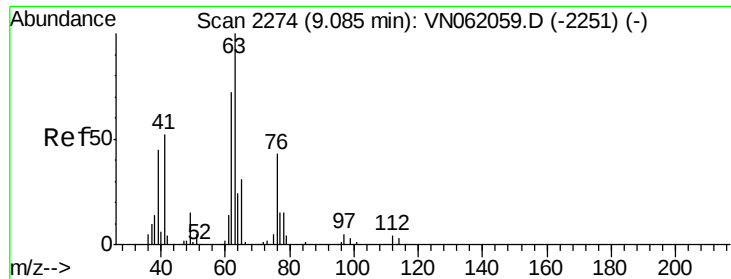
Delta R.T. -0.00 min

Lab File: VN062058.D

Acq: 24 Jun 2020 10:30

Tgt Ion:	130	Resp:	64649
Ion	Ratio	Lower	Upper
130	100		
95	96.4	0.0	197.8





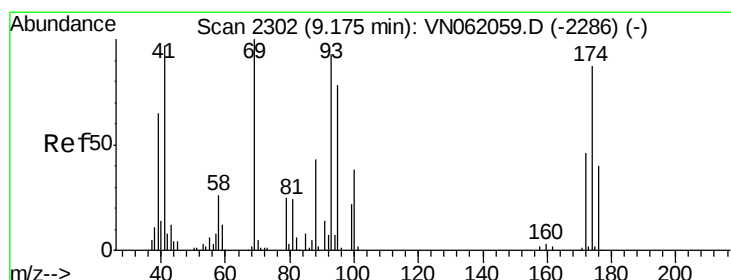
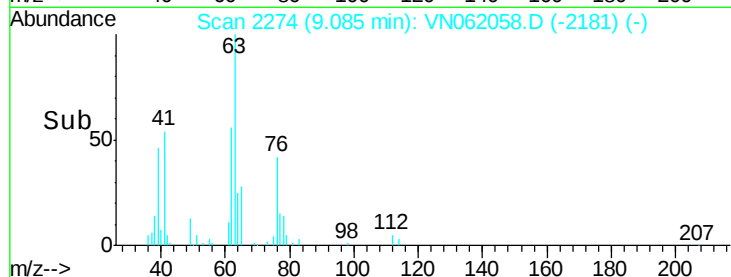
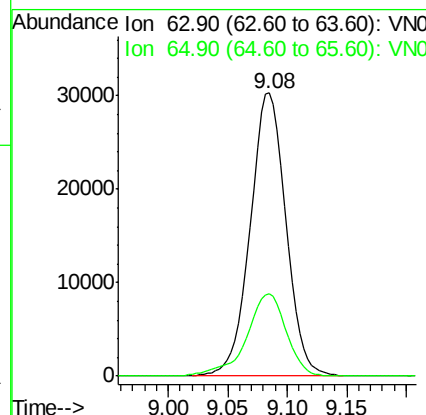
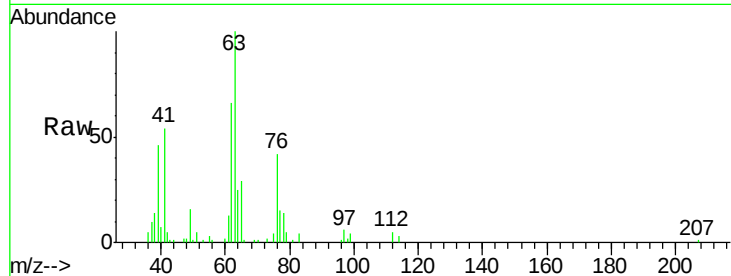
#45
 1,2-Dichloropropane
 Concen: 21.042 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062058.D
 Acq: 24 Jun 2020 10:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.1	25.0	37.4

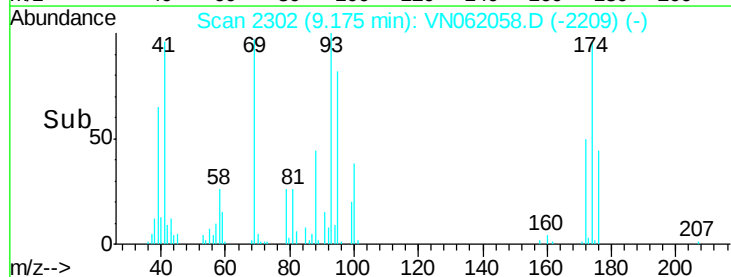
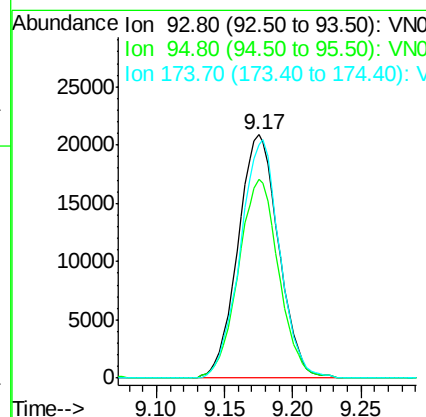
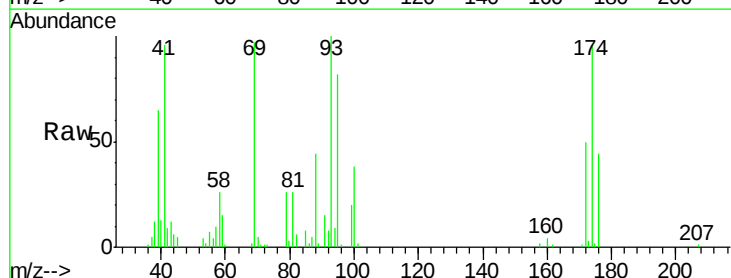
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#46
 Dibromomethane
 Concen: 20.612 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062058.D
 Acq: 24 Jun 2020 10:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	80.9	67.0	100.6
174	94.7	74.4	111.6





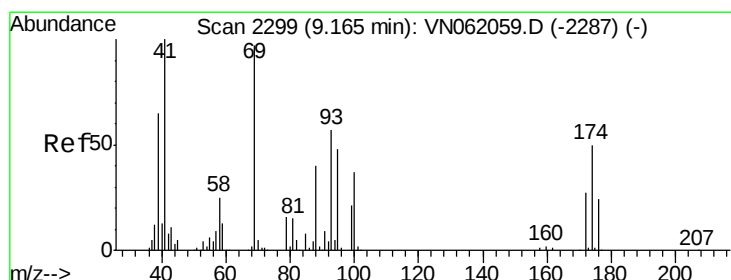
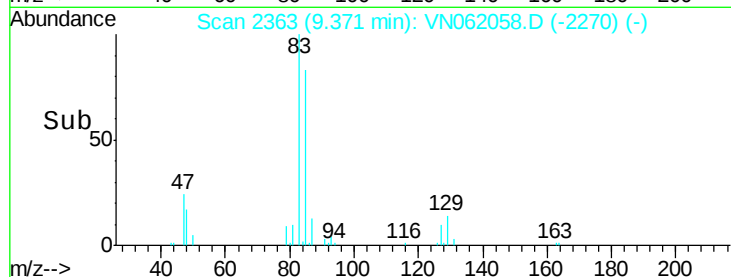
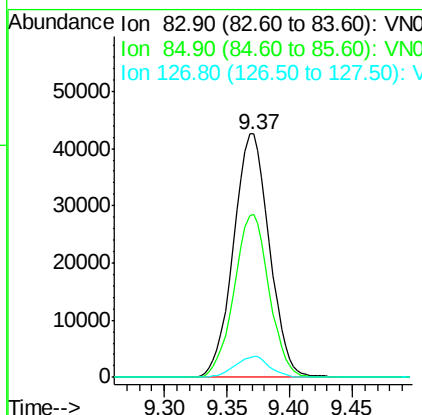
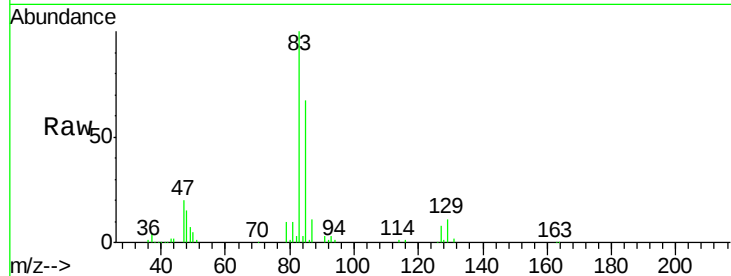
#47
Bromodichloromethane
Concen: 19.674 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. -0.00 min
Lab File: VN062058.D
Acq: 24 Jun 2020 10:30

Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

Tot Ion	83	Resp	84759
Ion Ratio	100	Lower	Upper
83	100		
85	67.0	50.3	75.5
127	8.4	6.9	10.3

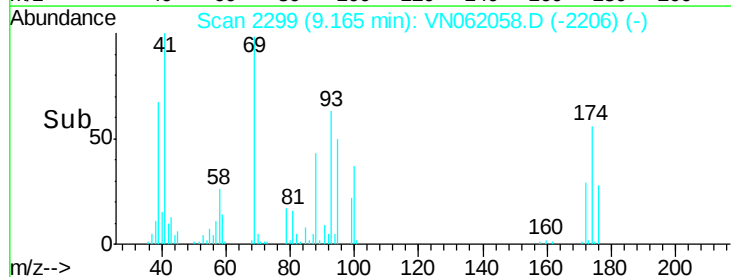
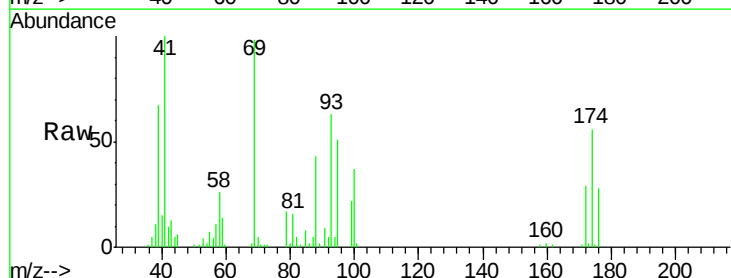
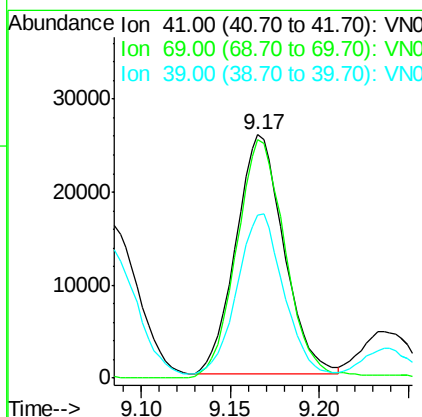
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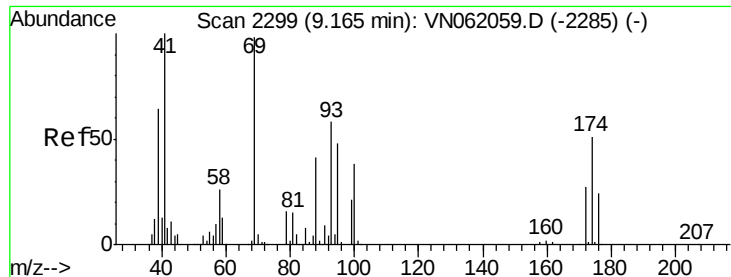
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6/25/2020 6:10:06 PM



#48
Methyl methacrylate
Concen: 19.944 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062058.D
Acq: 24 Jun 2020 10:30

Tgt Ion	41	Resp	48474
Ion Ratio	100	Lower	Upper
41	100		
69	101.1	80.7	121.1
39	67.2	54.5	81.7





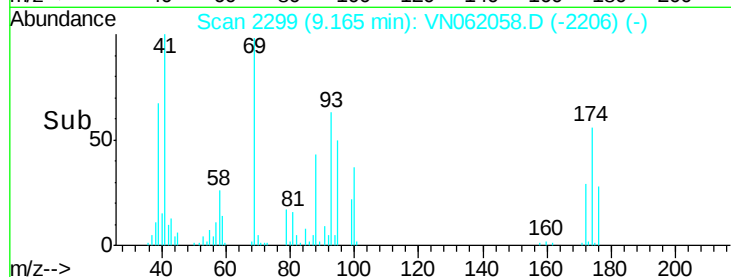
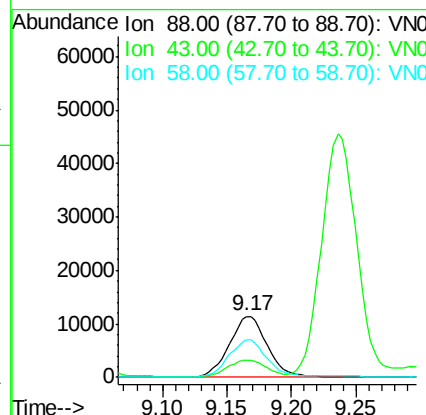
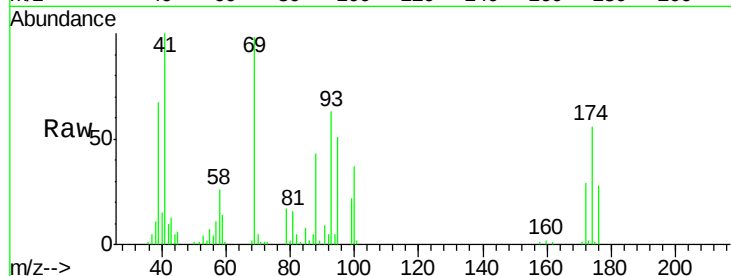
#49
1,4-Dioxane
Concen: 414.887 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062058.D
Acq: 24 Jun 2020 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.8	22.0	33.0
58	62.1	49.2	73.8

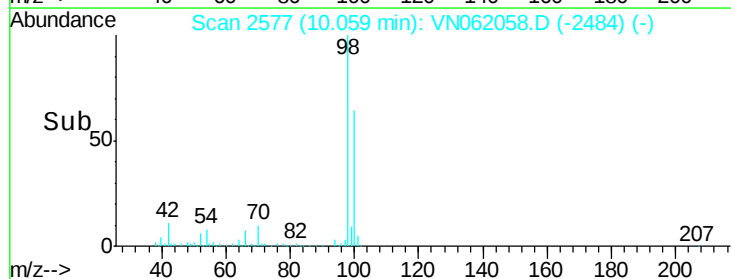
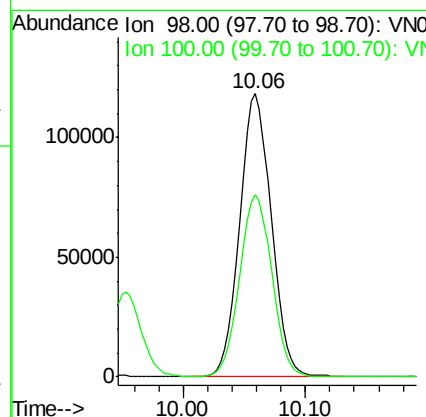
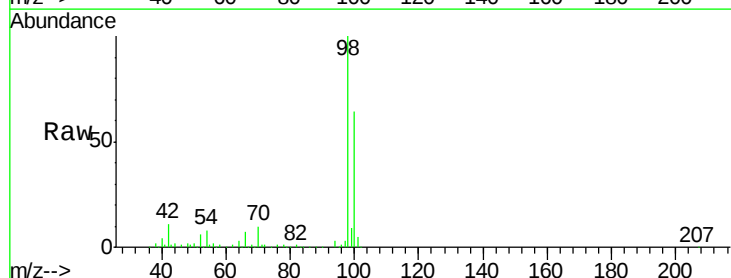
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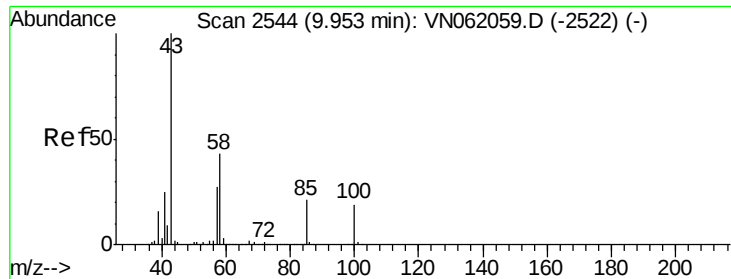
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6/25/2020 6:10:06 PM



#50
Toluene-d8
Concen: 19.327 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062058.D
Acq: 24 Jun 2020 10:30

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 103.992 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062058.D

Acq: 24 Jun 2020 10:30

Instrument :

MSVOA_N

ClientSampled :

VSTDIC020

Tot Ion: 43 Resp: 328979

Ion Ratio Lower Upper

43 100

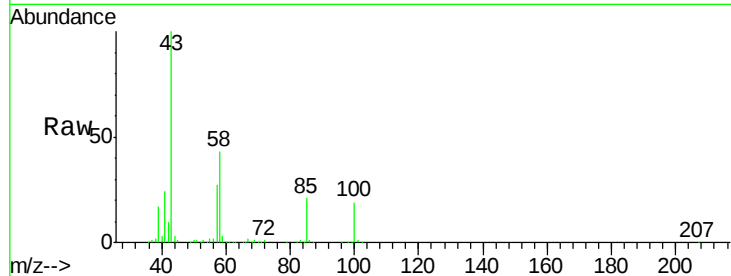
58 42.8 34.2 51.2

Manual Integrations

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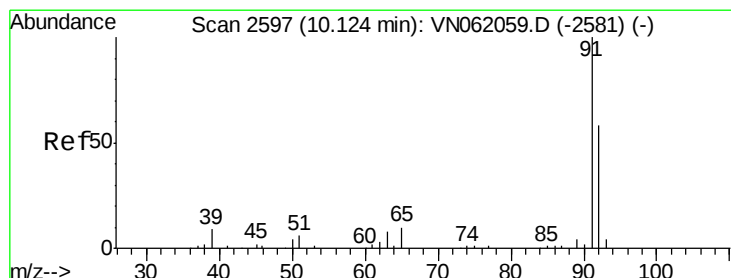
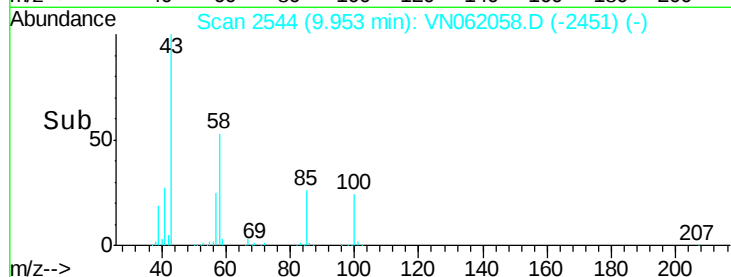
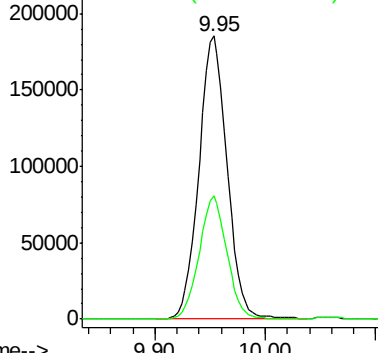
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 20.336 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062058.D

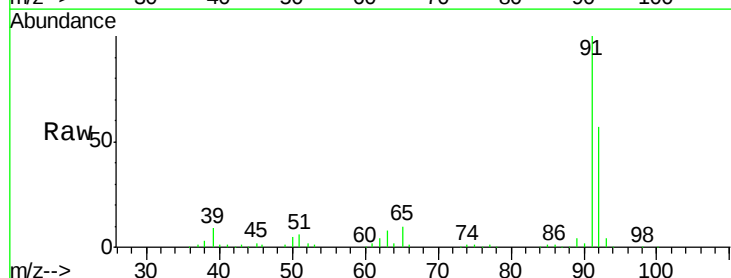
Acq: 24 Jun 2020 10:30

Tgt Ion: 92 Resp: 155527

Ion Ratio Lower Upper

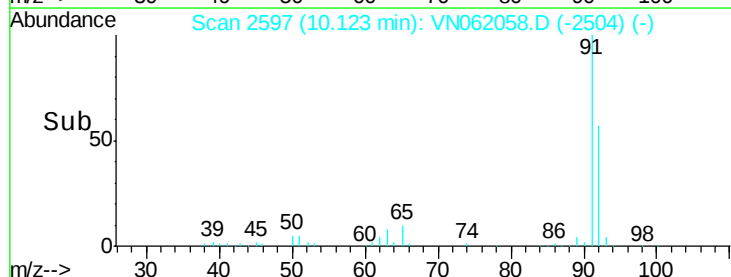
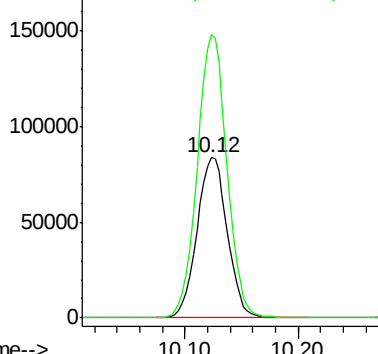
92 100

91 173.4 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





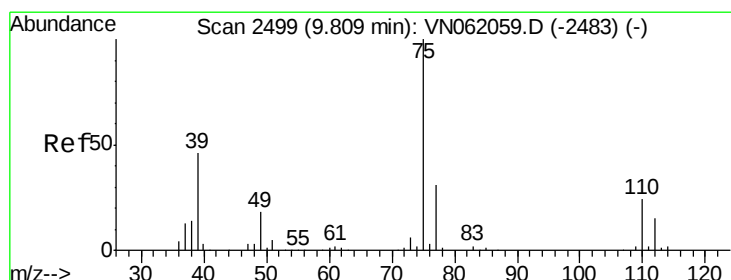
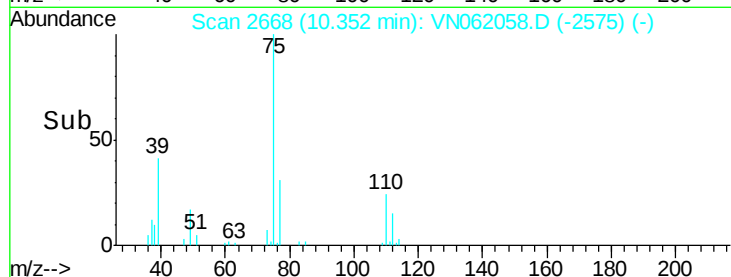
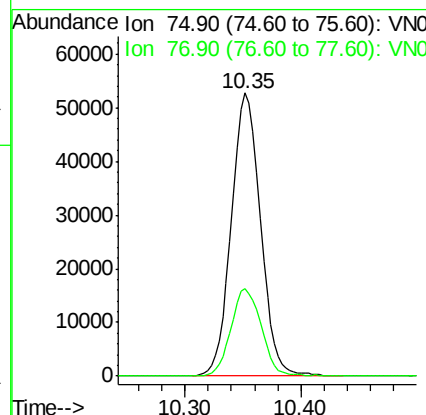
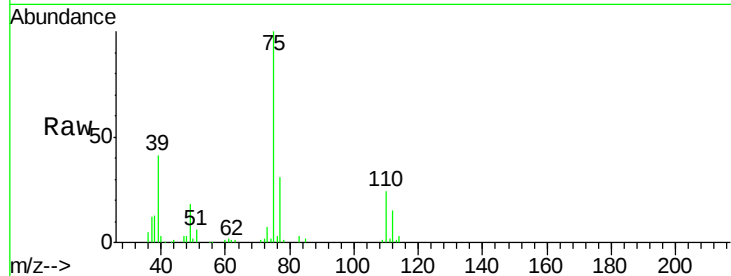
#53
 t-1,3-Dichloropropene
 Concen: 19.942 ug/l
 RT: 10.35 min Scan# 2668
 Delta R.T. -0.00 min
 Lab File: VN062058.D
 Acq: 24 Jun 2020 10:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tot Ion: 75 Resp: 91745
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.5 38.3

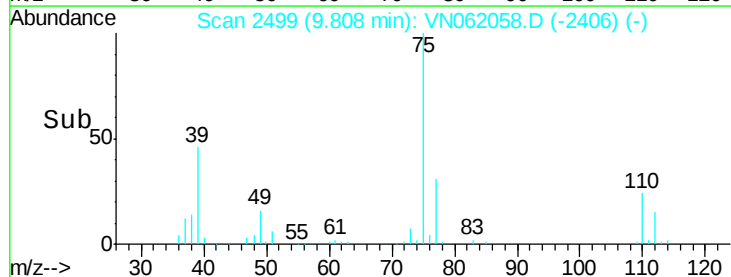
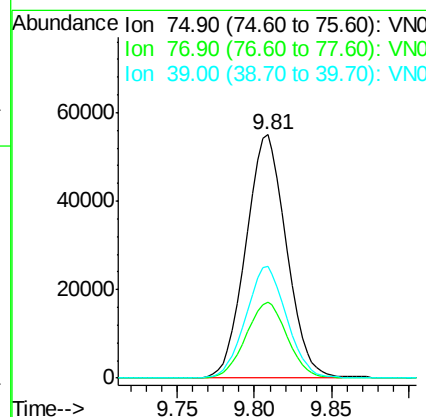
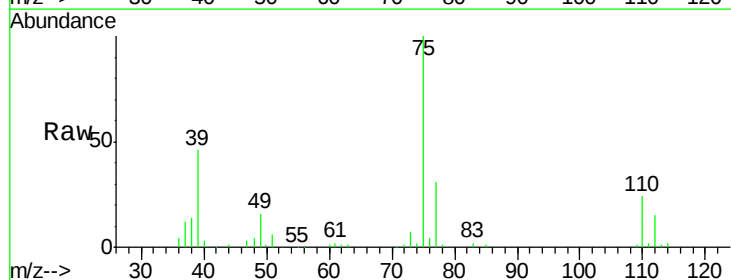
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#54
 cis-1,3-Dichloropropene
 Concen: 20.151 ug/l
 RT: 9.81 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: VN062058.D
 Acq: 24 Jun 2020 10:30

Tgt Ion: 75 Resp: 100478
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.0 37.6
 39 46.0 36.9 55.3





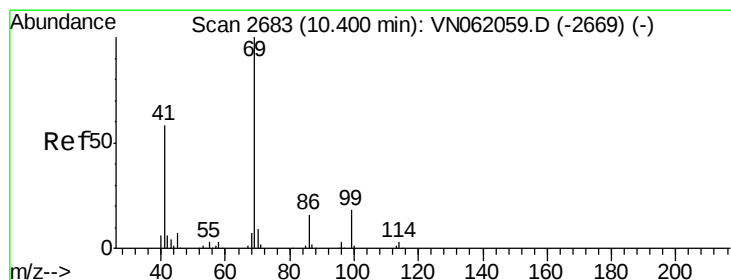
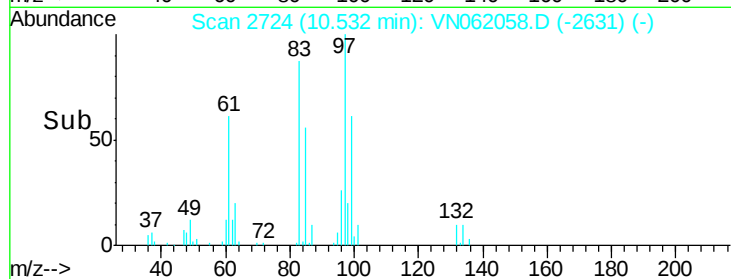
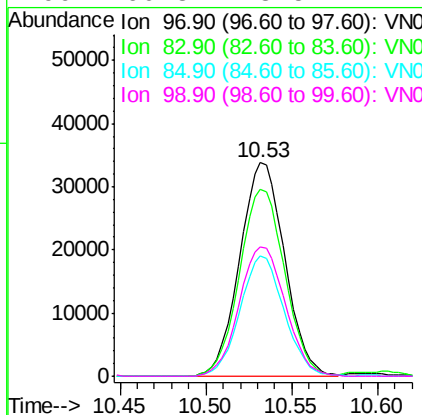
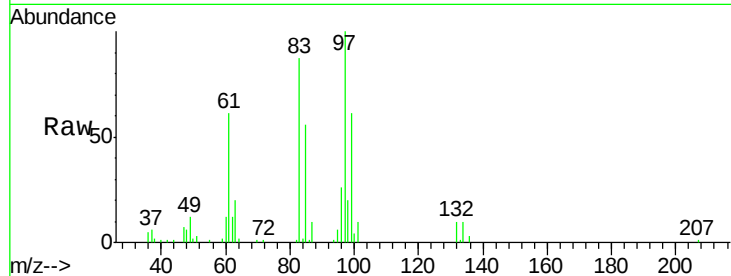
#55
 1,1,2-Trichloroethane
 Concen: 20.438 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062058.D
 Acq: 24 Jun 2020 10:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tot Ion:	97	Resp:	61570
Ion	Ratio	Lower	Upper
97	100		
83	87.2	68.2	102.2
85	56.1	43.2	64.8
99	60.8	48.5	72.7

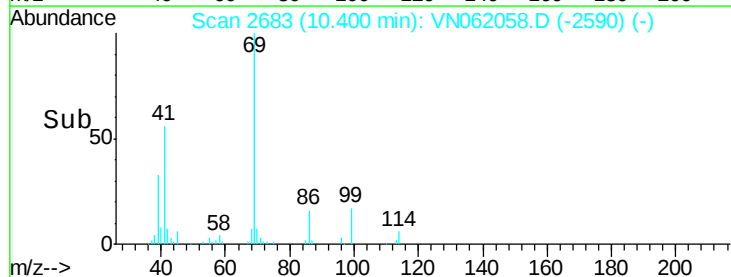
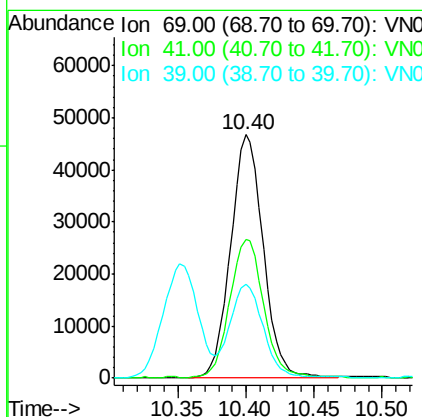
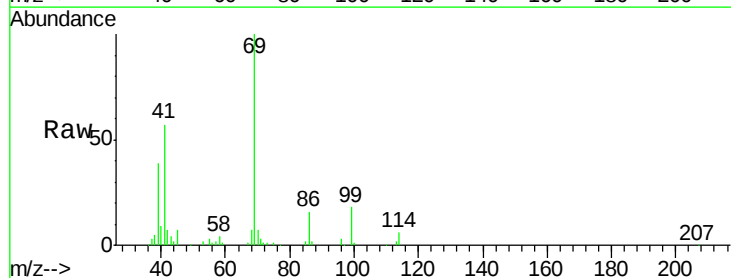
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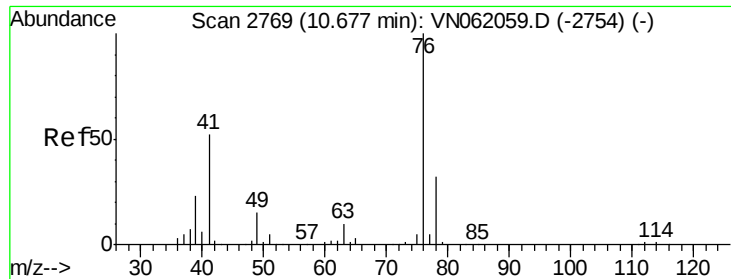
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#56
 Ethyl methacrylate
 Concen: 19.311 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062058.D
 Acq: 24 Jun 2020 10:30

Tgt Ion:	69	Resp:	77876
Ion	Ratio	Lower	Upper
69	100		
41	58.1	46.6	70.0
39	38.1	31.0	46.4





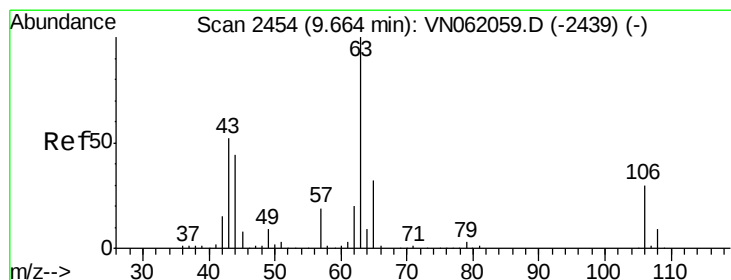
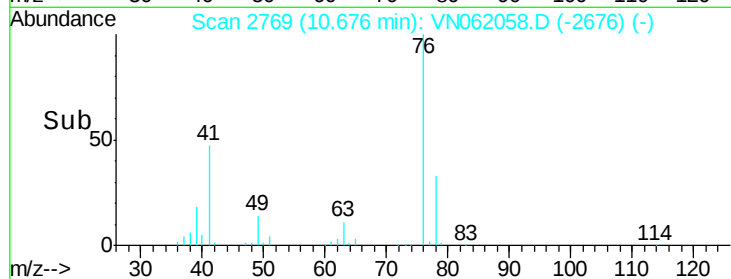
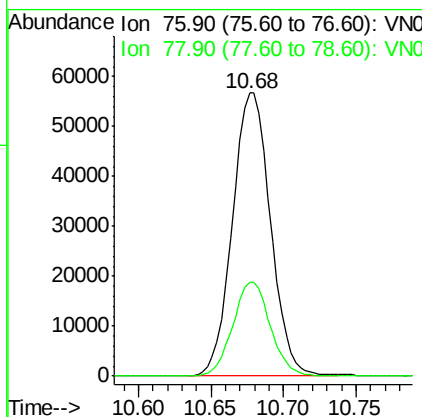
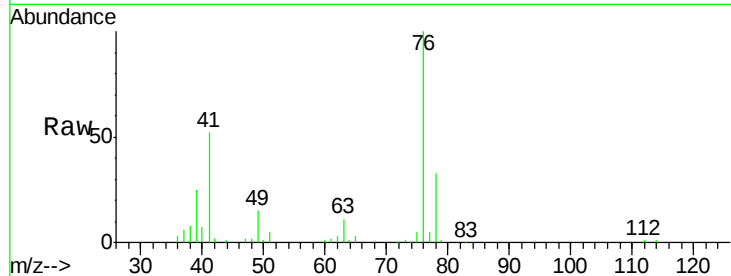
#57
 1,3-Dichloropropane
 Concen: 20.268 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062058.D
 Acq: 24 Jun 2020 10:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tot Ion: 76 Resp: 103498
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.8

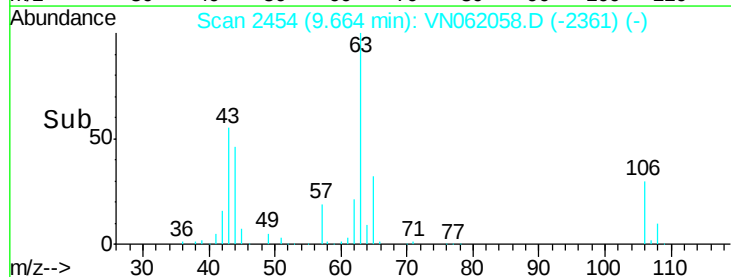
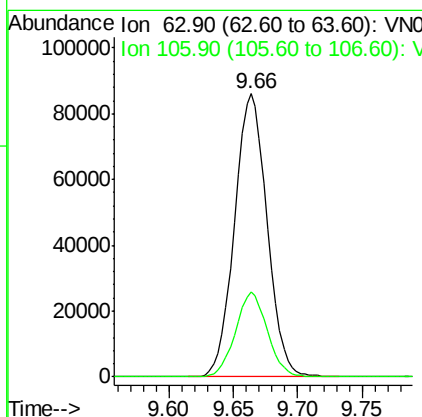
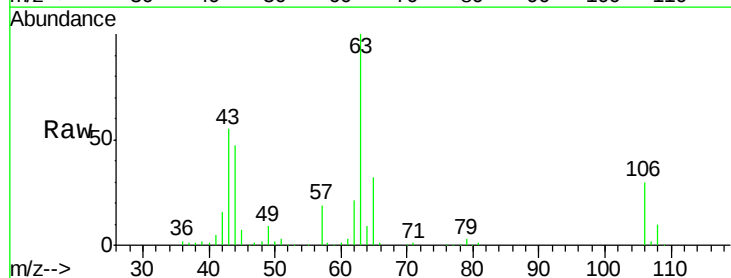
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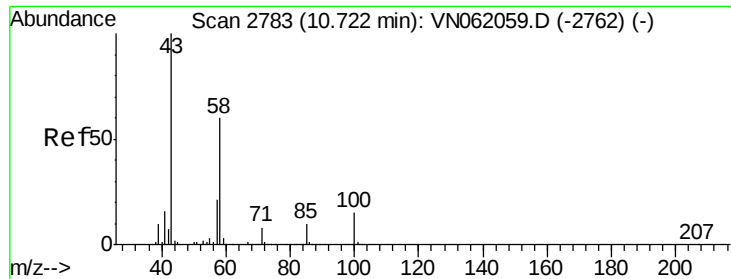
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#58
 2-Chloroethyl Vinyl ether
 Concen: 95.147 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN062058.D
 Acq: 24 Jun 2020 10:30

Tgt Ion: 63 Resp: 151093
 Ion Ratio Lower Upper
 63 100
 106 29.4 23.2 34.8





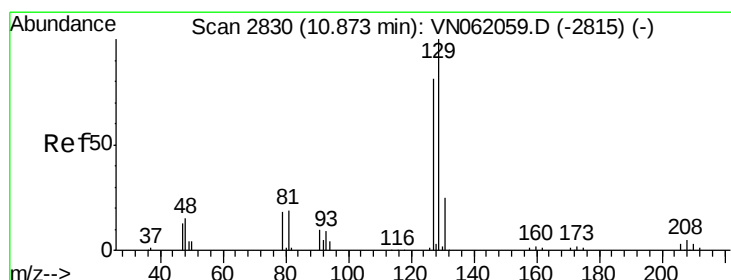
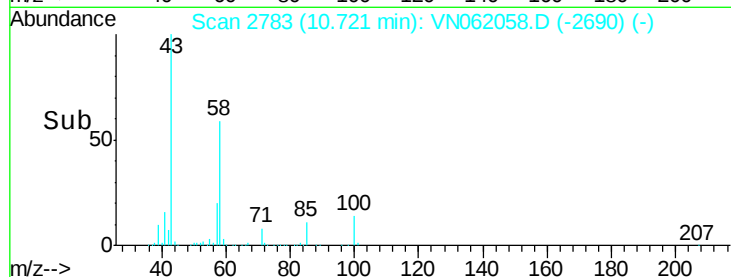
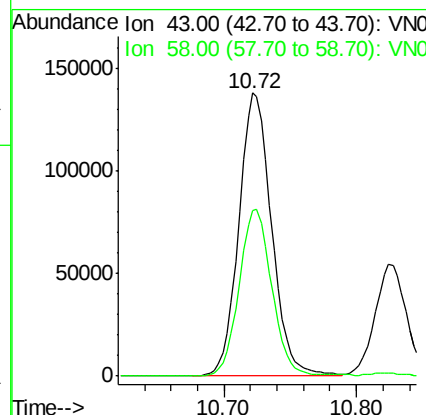
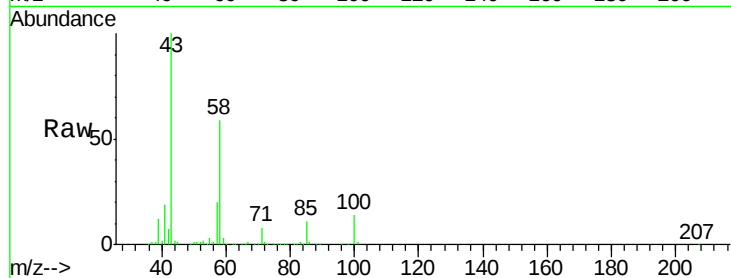
#59
2-Hexanone
Concen: 104.438 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062058.D
Acq: 24 Jun 2020 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion	43	Resp	237385
Ion Ratio	100	Lower	Upper
43	100		
58	58.8	29.5	88.5

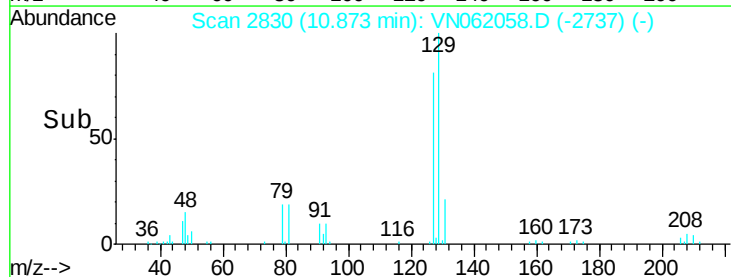
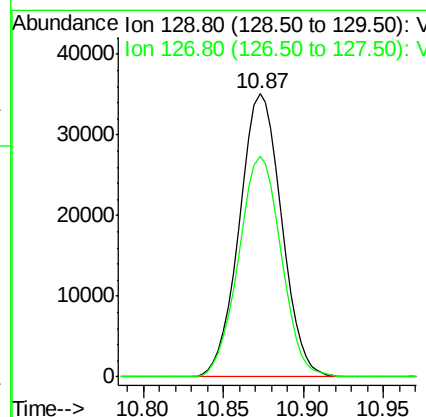
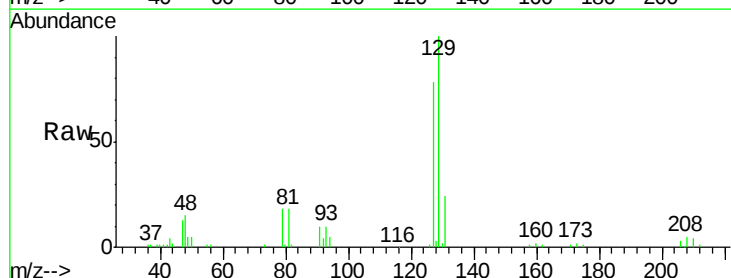
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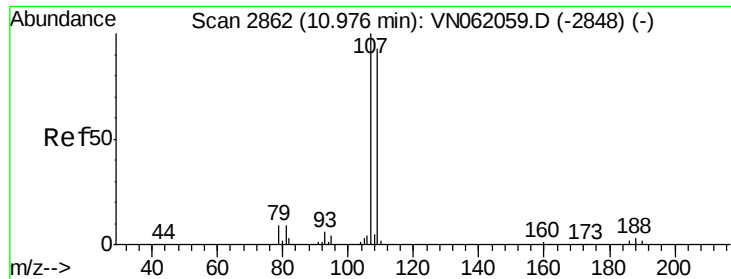
MMDadoda
6/25/2020 6:10:06 PM



#60
Dibromochloromethane
Concen: 18.968 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062058.D
Acq: 24 Jun 2020 10:30

Tgt Ion	129	Resp	63192
Ion Ratio	100	Lower	Upper
129	100		
127	78.5	39.5	118.5





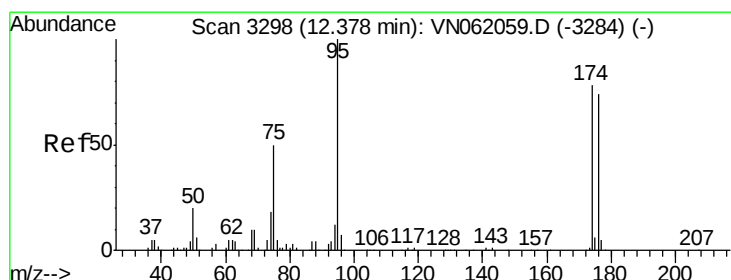
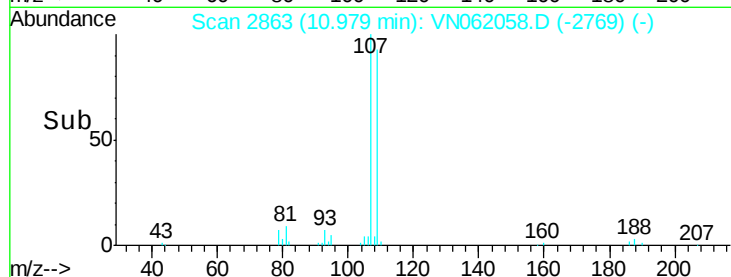
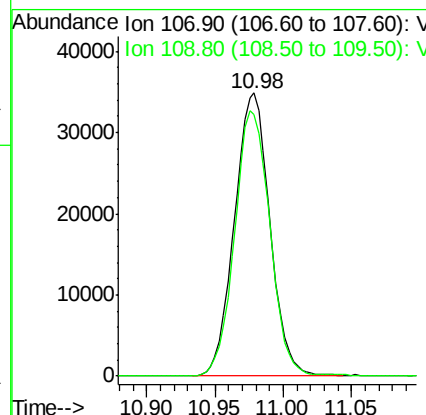
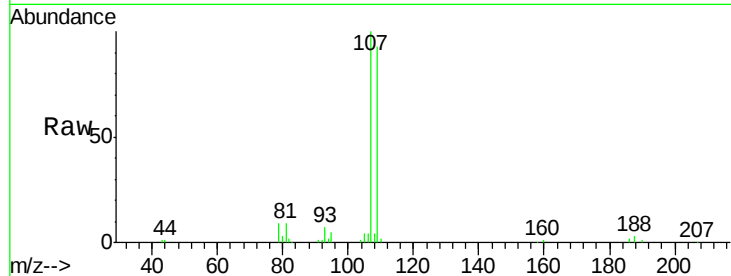
#61
 1,2-Dibromoethane
 Concen: 20.090 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062058.D
 Acq: 24 Jun 2020 10:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tot Ion: 107 Resp: 62952
 Ion Ratio Lower Upper
 107 100
 109 93.4 75.0 112.6

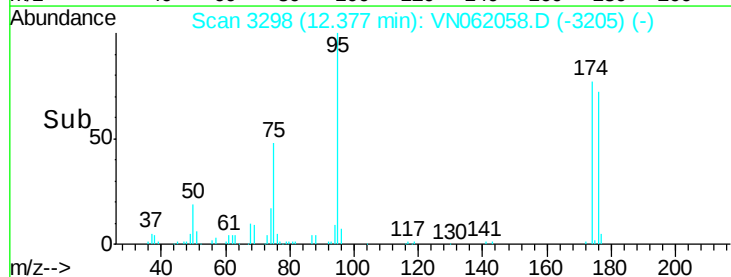
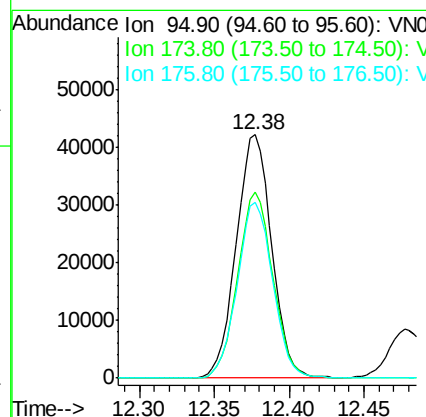
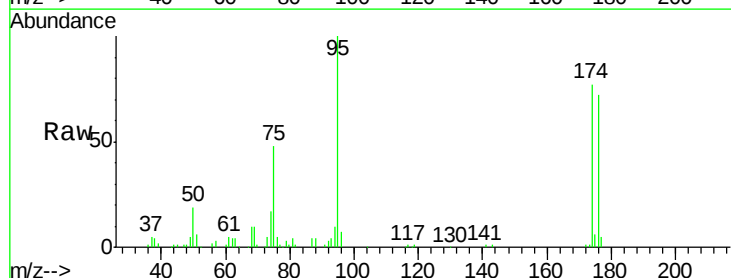
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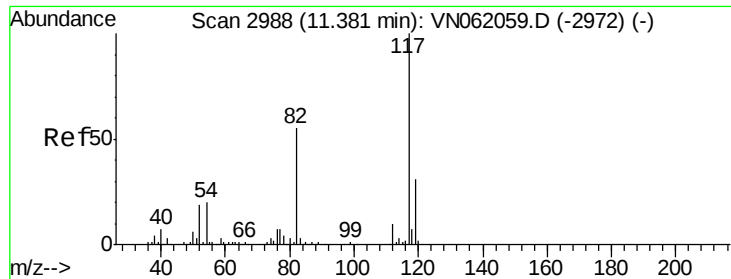
MMDadoda
 6/25/2020 6:10:06 PM



#62
 4-Bromofluorobenzene
 Concen: 18.500 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062058.D
 Acq: 24 Jun 2020 10:30

Tgt Ion: 95 Resp: 69605
 Ion Ratio Lower Upper
 95 100
 174 75.9 0.0 154.8
 176 72.2 0.0 147.4





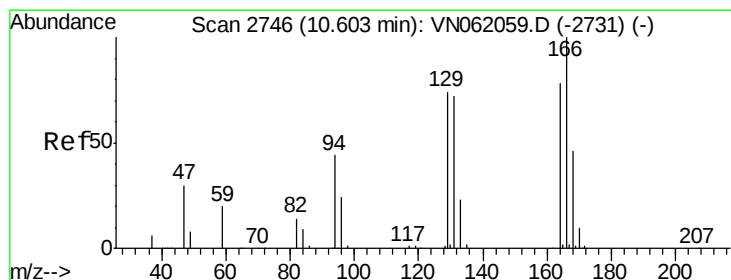
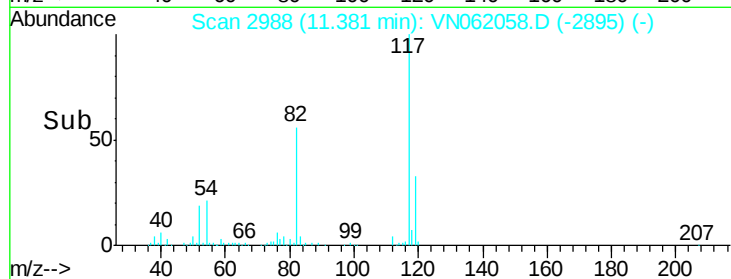
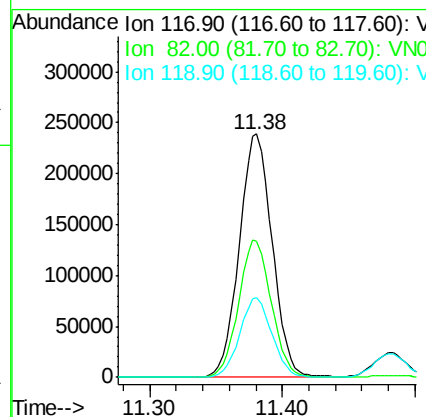
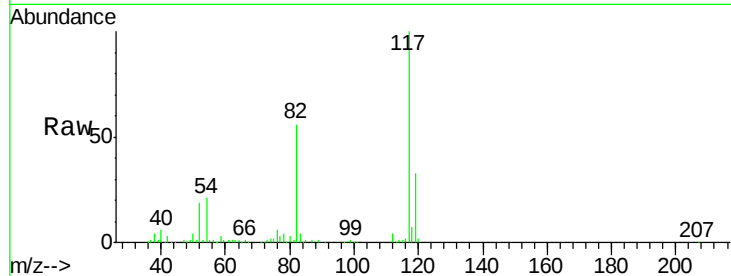
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062058.D
Acq: 24 Jun 2020 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	43.8	65.8
119	32.6	25.2	37.8

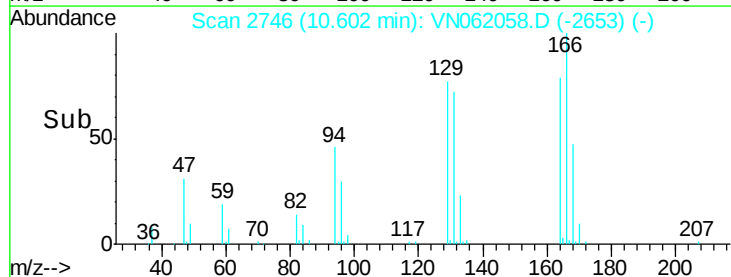
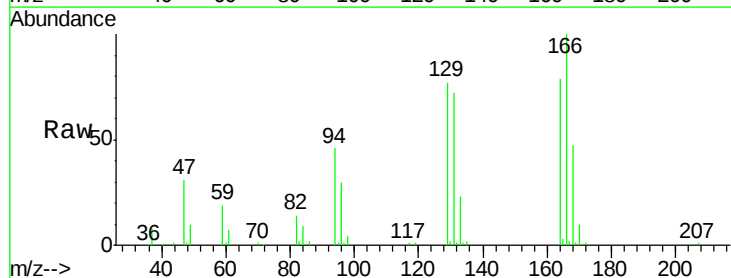
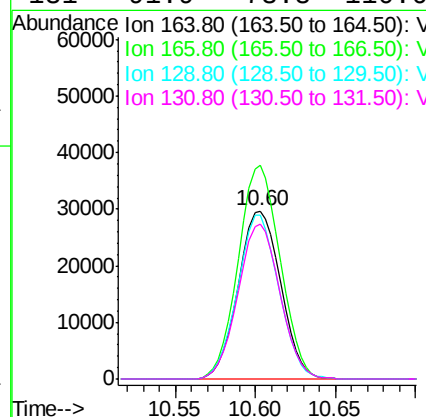
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#64
Tetrachloroethene
Concen: 20.550 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062058.D
Acq: 24 Jun 2020 10:30

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.0	102.9	154.3
129	97.1	75.8	113.8
131	91.9	73.8	110.6





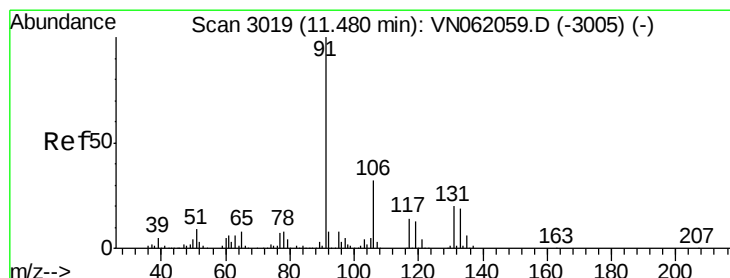
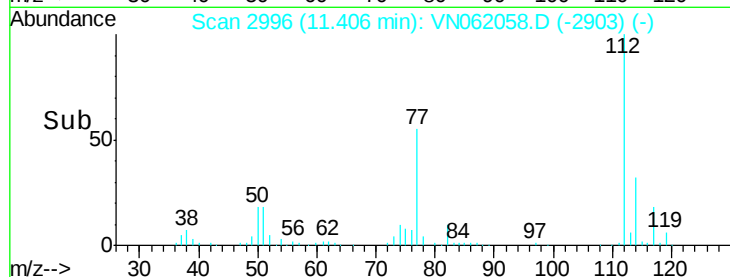
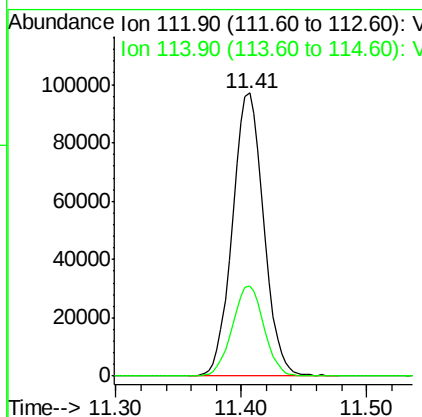
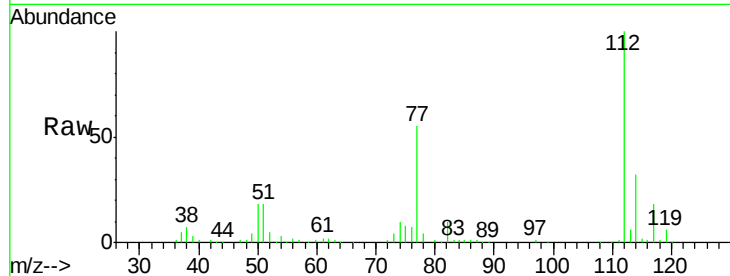
#65
Chlorobenzene
Concen: 19.299 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062058.D
Acq: 24 Jun 2020 10:30

Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

Tot Ion:112 Resp: 167939
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.8

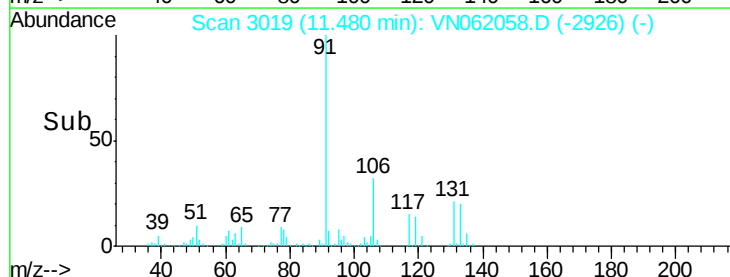
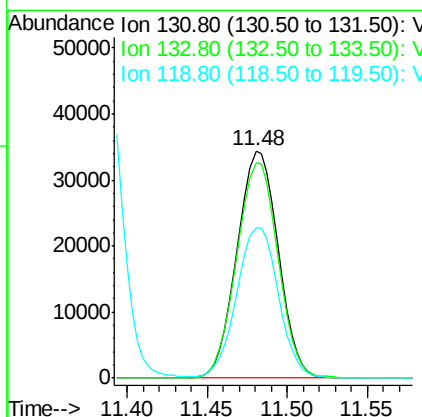
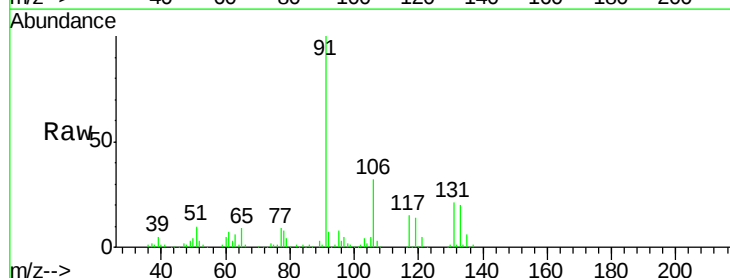
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.993 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062058.D
Acq: 24 Jun 2020 10:30

Tgt Ion:131 Resp: 60450
Ion Ratio Lower Upper
131 100
133 95.2 47.6 142.9
119 67.3 34.4 103.3





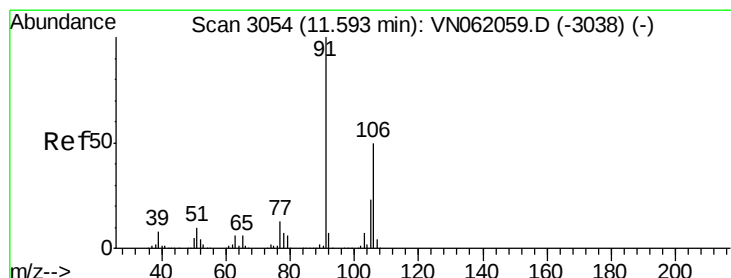
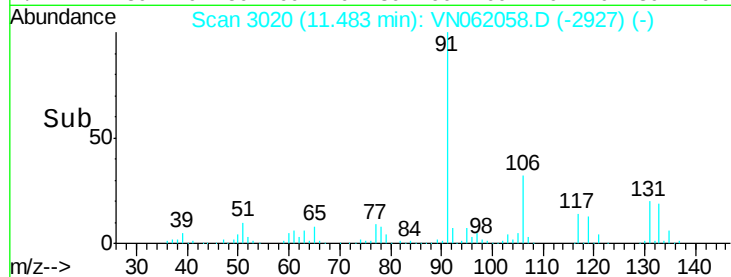
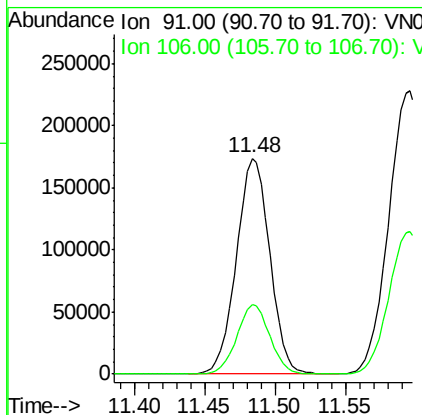
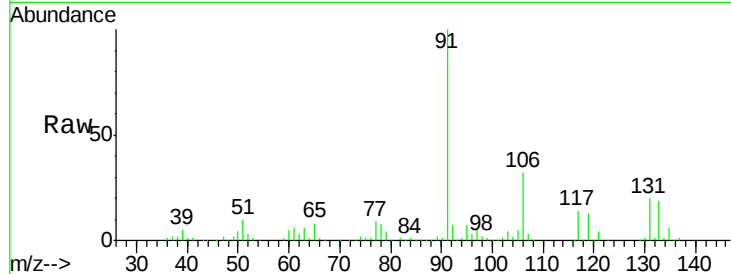
#67
Ethyl Benzene
Concen: 19.744 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062058.D
Acq: 24 Jun 2020 10:30

Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

Tot Ion: 91 Resp: 288686
Ion Ratio Lower Upper
91 100
106 32.3 25.3 37.9

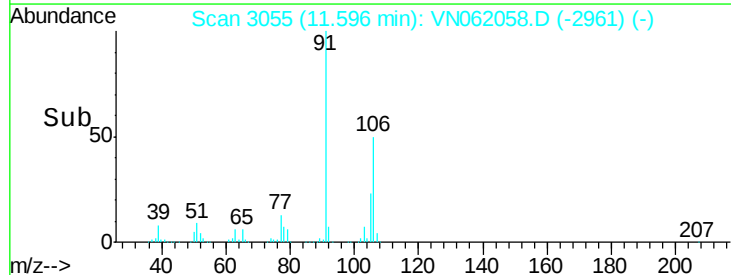
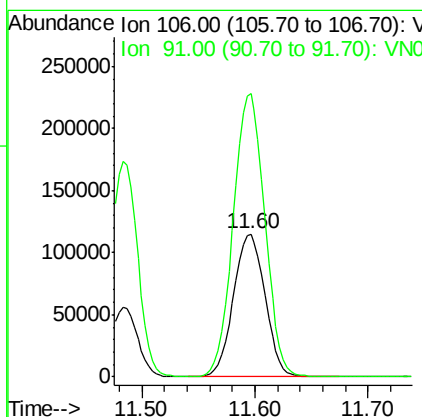
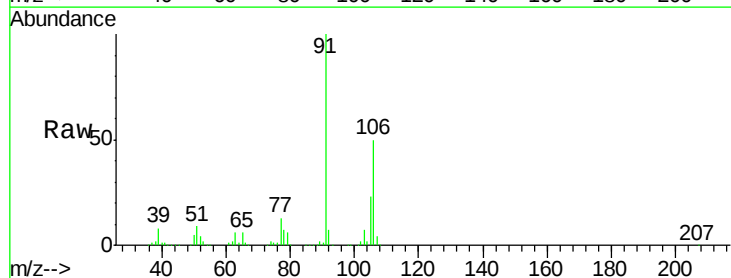
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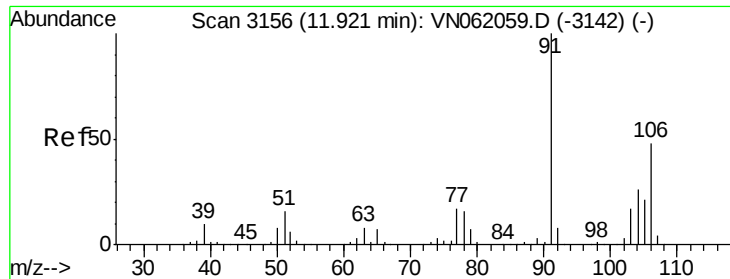
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6/25/2020 6:10:06 PM



#68
m/p-Xylenes
Concen: 39.653 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062058.D
Acq: 24 Jun 2020 10:30

Tgt Ion: 106 Resp: 223612
Ion Ratio Lower Upper
106 100
91 197.3 157.8 236.8





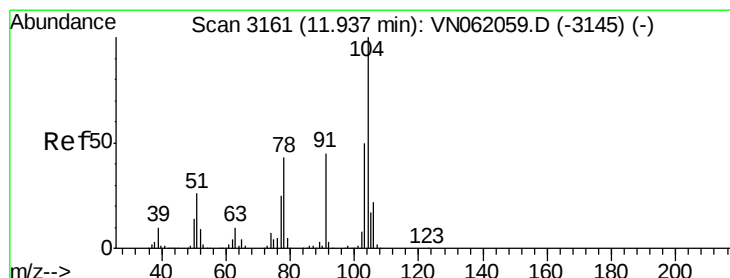
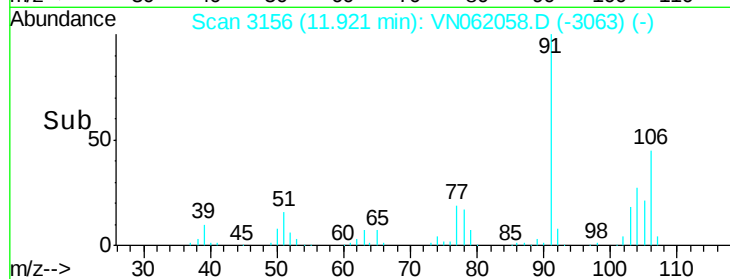
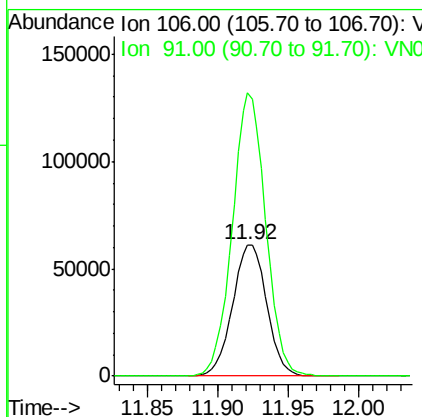
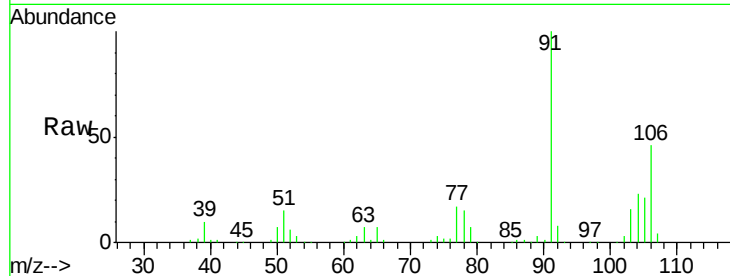
#69
o-Xylene
Concen: 19.377 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062058.D
Acq: 24 Jun 2020 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.9	104.0	311.9

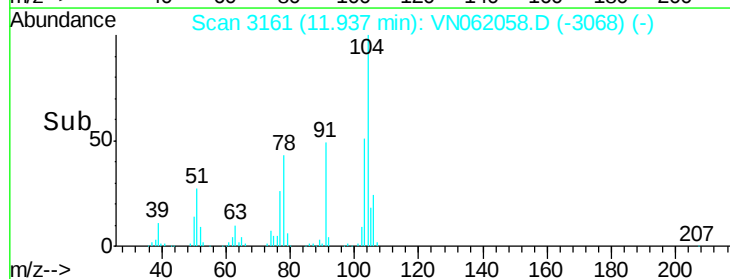
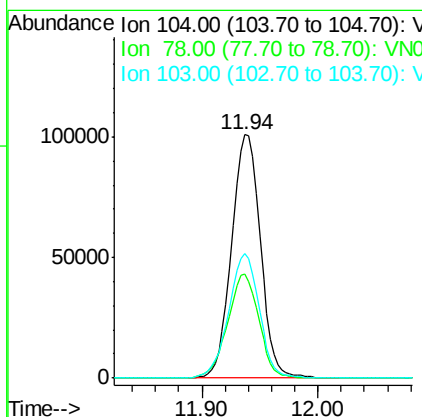
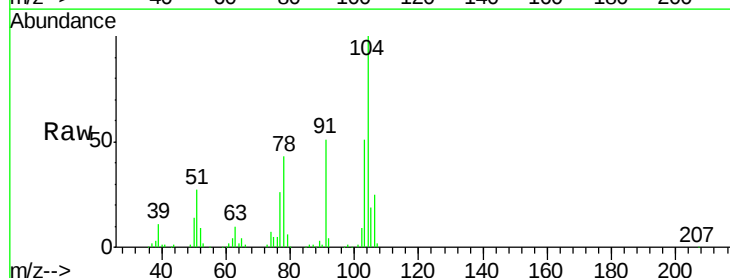
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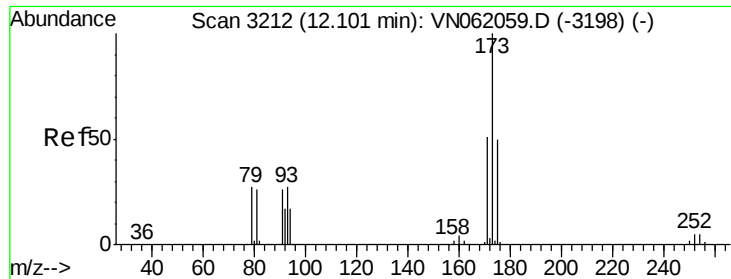
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#70
Styrene
Concen: 19.307 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062058.D
Acq: 24 Jun 2020 10:30

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.3	37.7	56.5
103	54.2	43.0	64.6





#71

Bromoform

Concen: 18.976 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062058.D

Acq: 24 Jun 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tot Ion:173 Resp: 41724

Ion Ratio Lower Upper

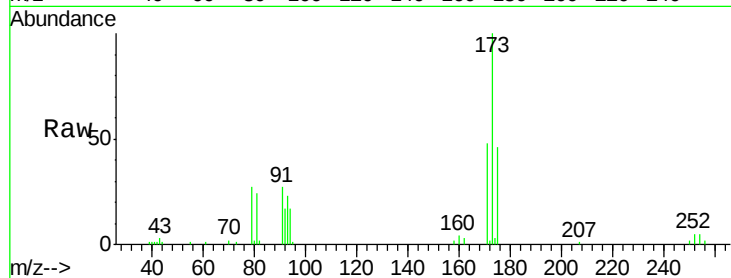
173 100

175 47.6 24.7 74.1

254 0.0 0.0 0.0

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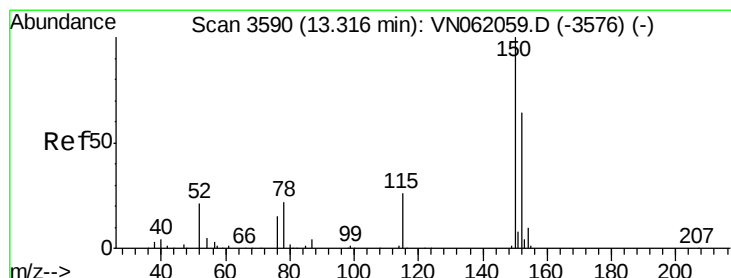
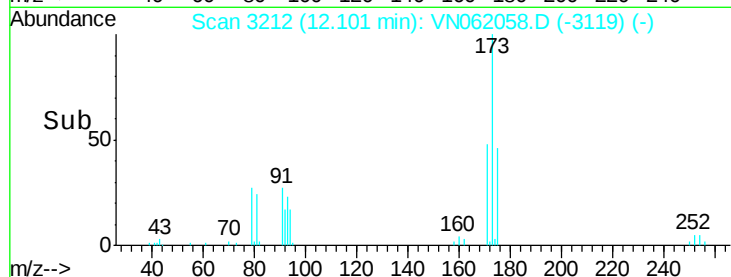
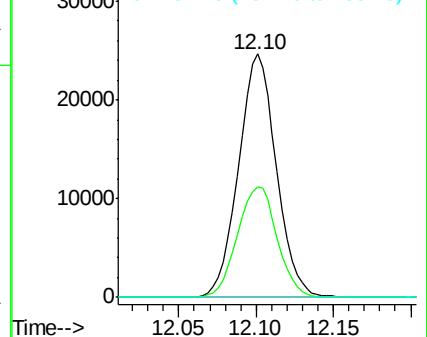
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VN062058.D

Acq: 24 Jun 2020 10:30

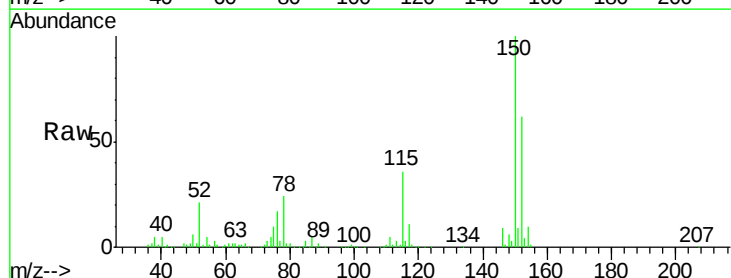
Tgt Ion:152 Resp: 182827

Ion Ratio Lower Upper

152 100

115 58.8 29.5 88.5

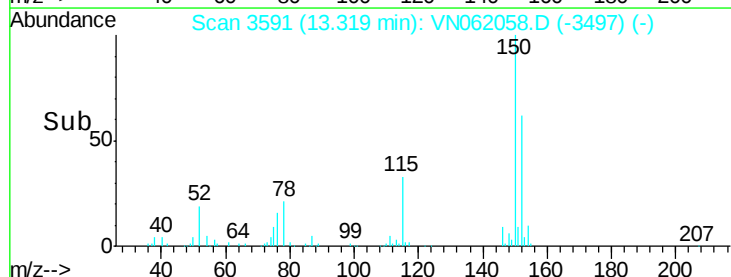
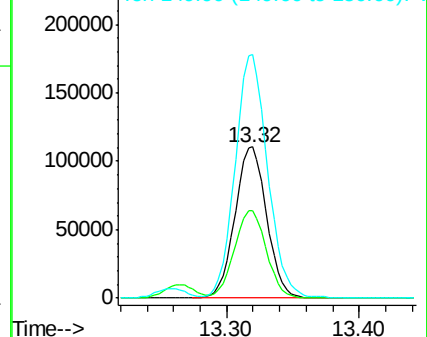
150 165.9 0.0 351.4

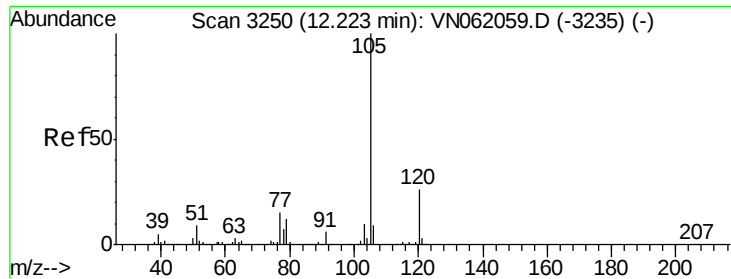


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.071 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062058.D

Acq: 24 Jun 2020 10:30

Instrument :

MSVOA_N

ClientSampled :

VSTDIC020

Tot Ion: 105 Resp: 275121

Ion Ratio Lower Upper

105 100

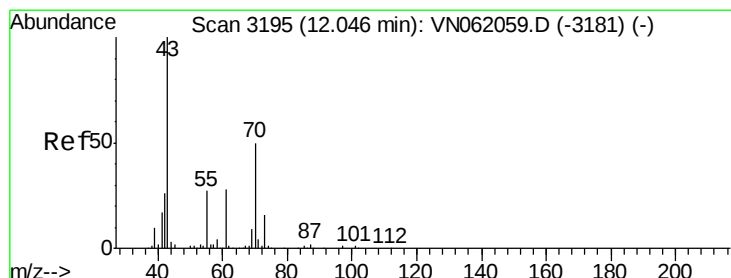
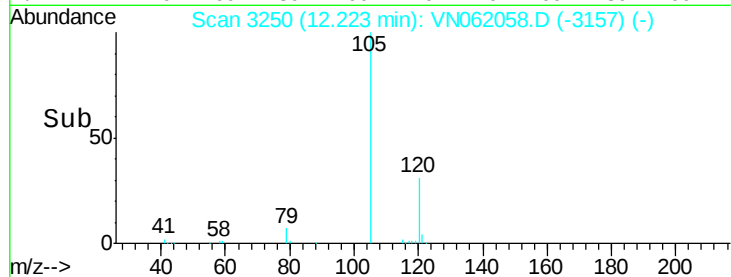
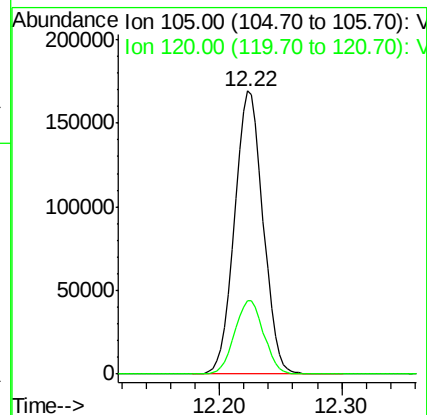
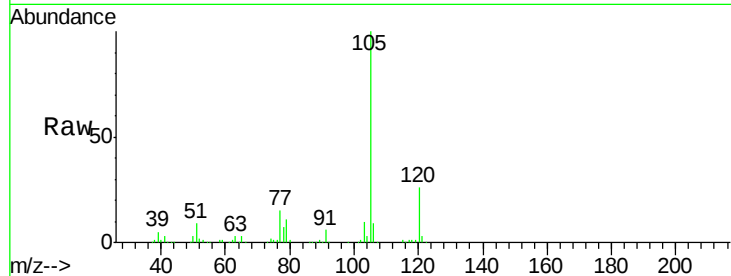
120 26.6 13.2 39.6

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6/25/2020 6:10:06 PM



#74

N-ethyl acetate

Concen: 20.190 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062058.D

Acq: 24 Jun 2020 10:30

Tgt Ion: 43 Resp: 85444

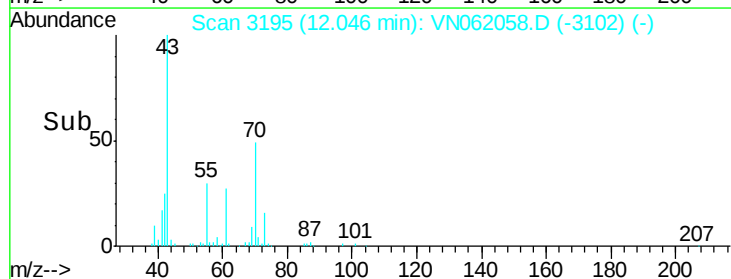
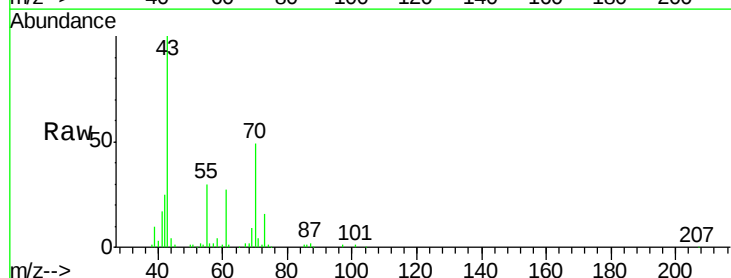
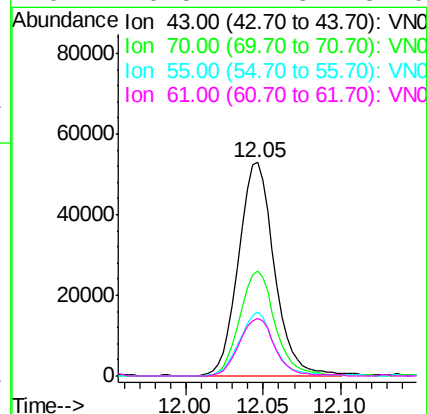
Ion Ratio Lower Upper

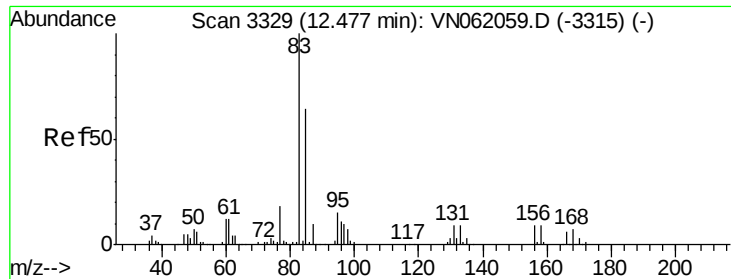
43 100

70 49.1 39.4 59.2

55 29.2 21.7 32.5

61 26.8 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 20.768 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062058.D

Acq: 24 Jun 2020 10:30

Instrument :

MSVOA_N

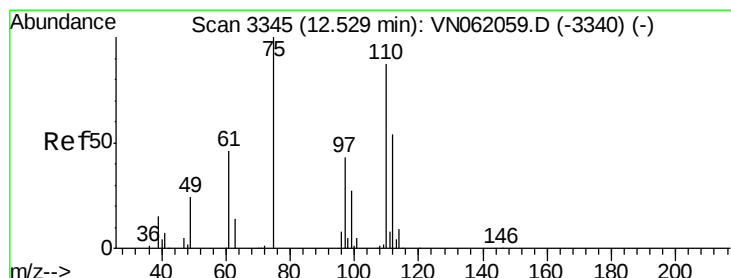
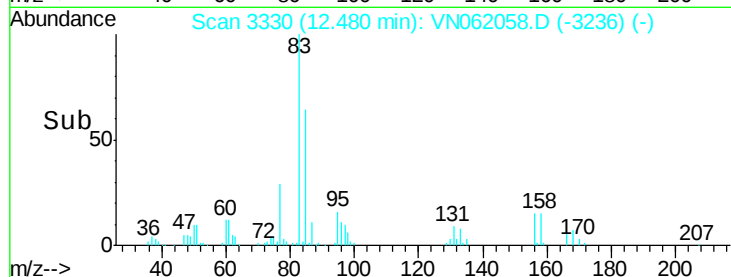
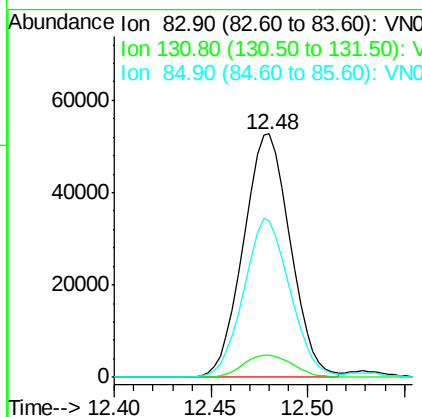
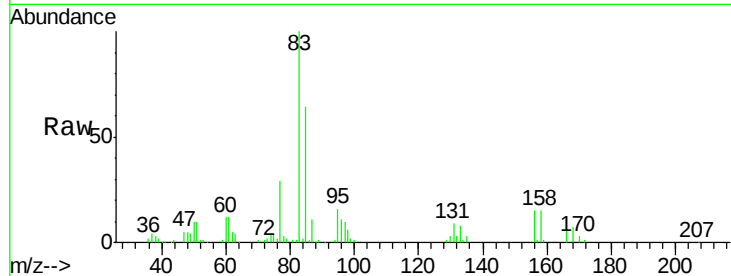
ClientSampleId :

VSTDIC020

Tot Ion:	83	Resp:	88829
Ion Ratio	Lower	Upper	
83	100		
131	9.7	4.8	14.4
85	64.7	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 22.559 ug/l m

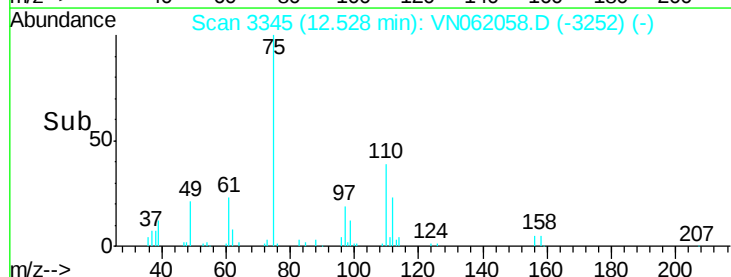
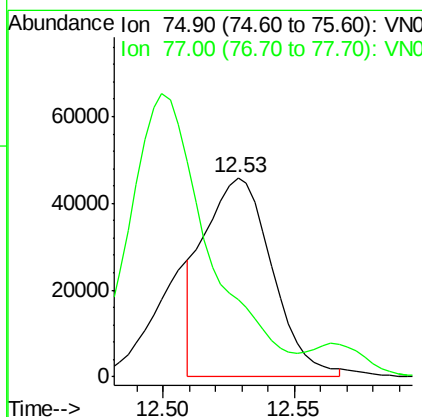
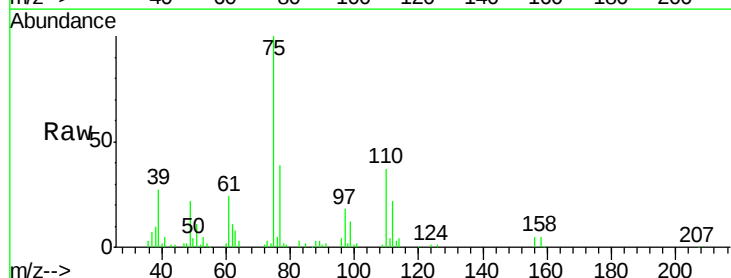
RT: 12.53 min Scan# 3345

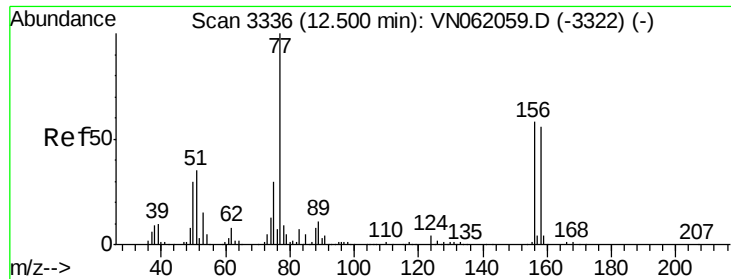
Delta R.T. -0.00 min

Lab File: VN062058.D

Acq: 24 Jun 2020 10:30

Tgt Ion:	75	Resp:	82118
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.924 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062058.D

Acq: 24 Jun 2020 10:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tot Ion:156 Resp: 68729

Ion Ratio Lower Upper

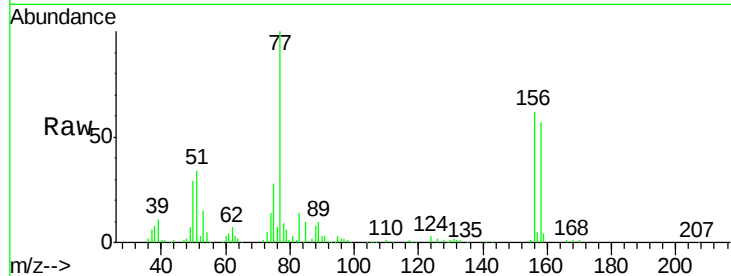
156 100

77 199.4 104.6 313.8

158 94.2 48.0 144.0

Manual Integrations
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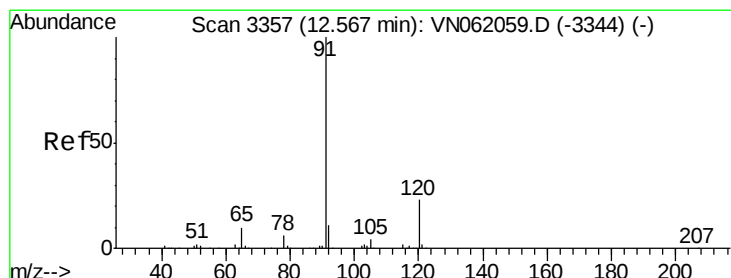
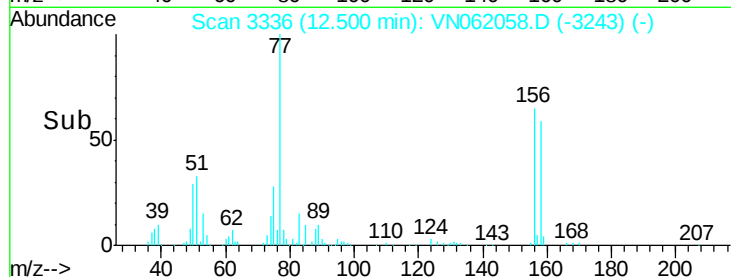
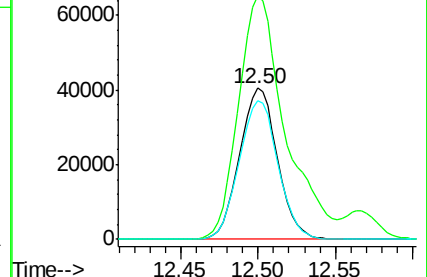
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.611 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062058.D

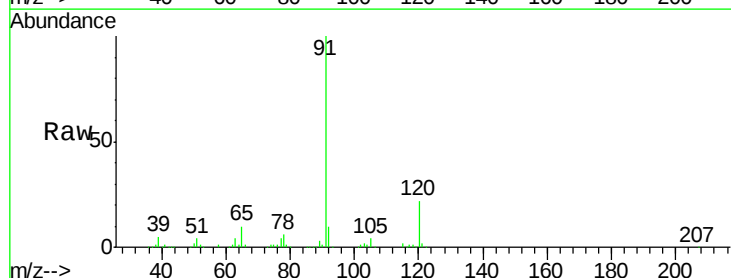
Acq: 24 Jun 2020 10:30

Tgt Ion: 91 Resp: 308392

Ion Ratio Lower Upper

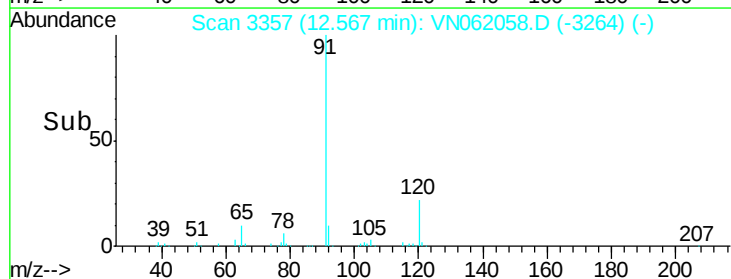
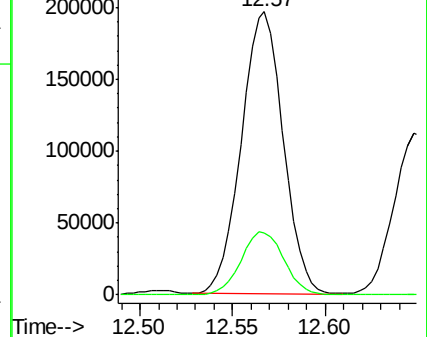
91 100

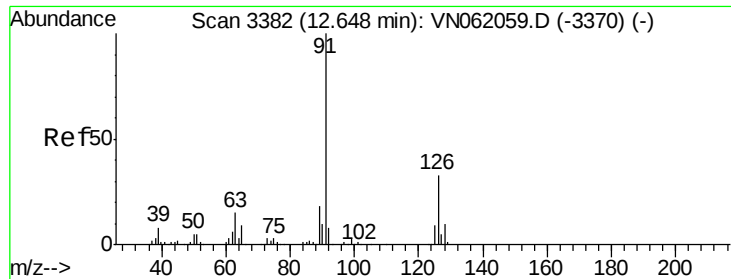
120 23.1 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





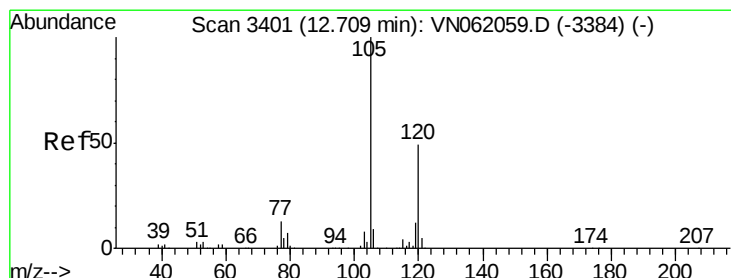
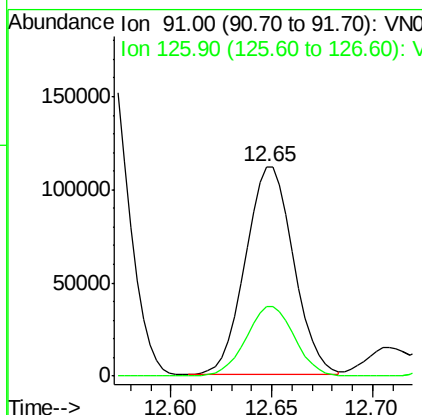
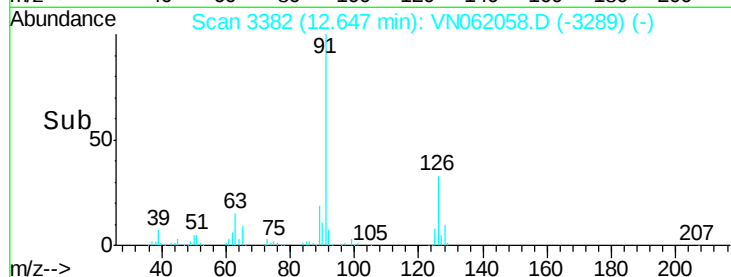
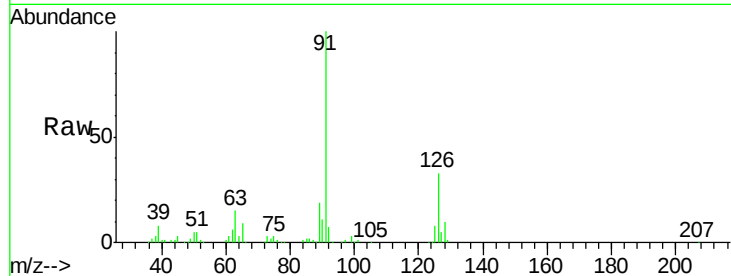
#79
 2-Chlorotoluene
 Concen: 20.761 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062058.D
 Acq: 24 Jun 2020 10:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tot Ion: 91 Resp: 186397
 Ion Ratio Lower Upper
 91 100
 126 33.8 16.9 50.7

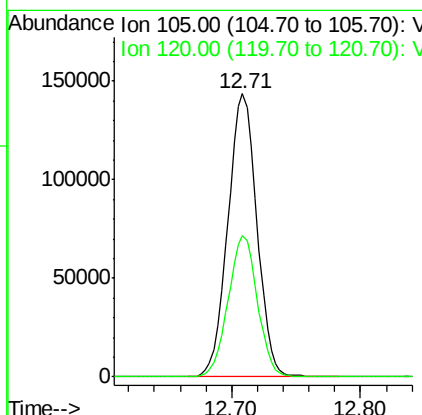
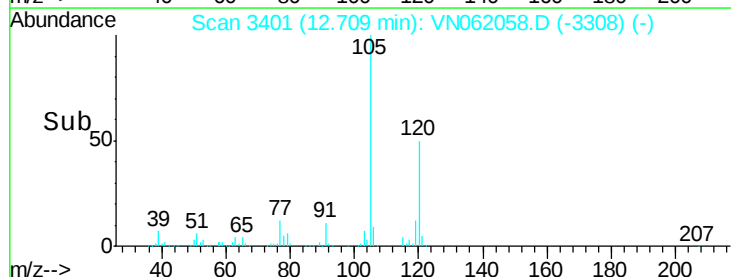
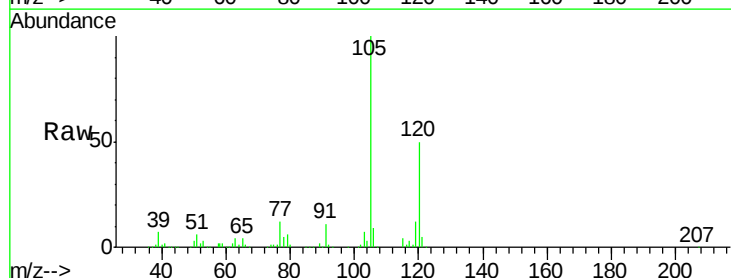
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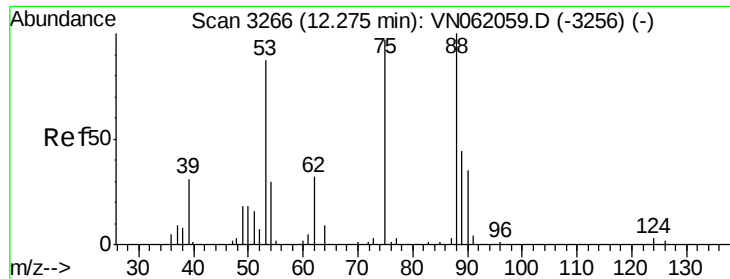
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.683 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062058.D
 Acq: 24 Jun 2020 10:30

Tgt Ion: 105 Resp: 223010
 Ion Ratio Lower Upper
 105 100
 120 50.5 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 20.276 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062058.D

Acq: 24 Jun 2020 10:30

Instrument :

MSVOA_N

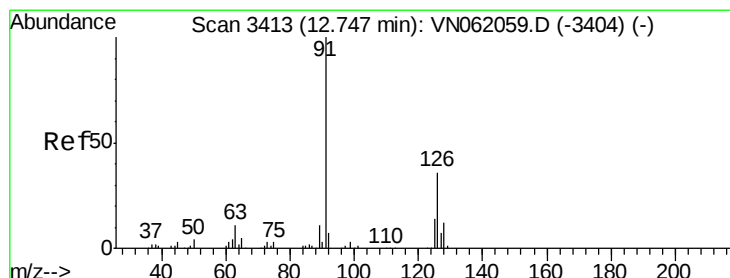
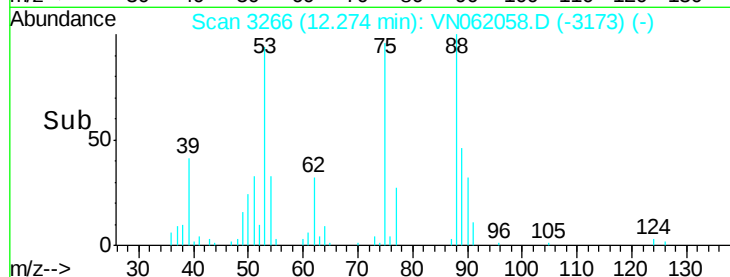
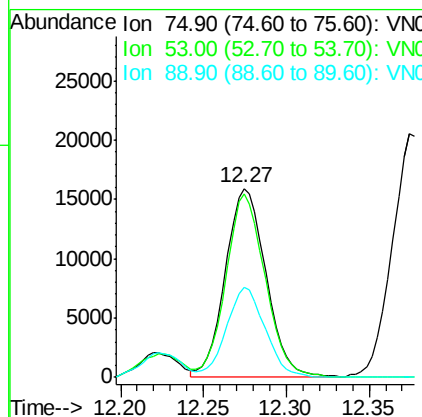
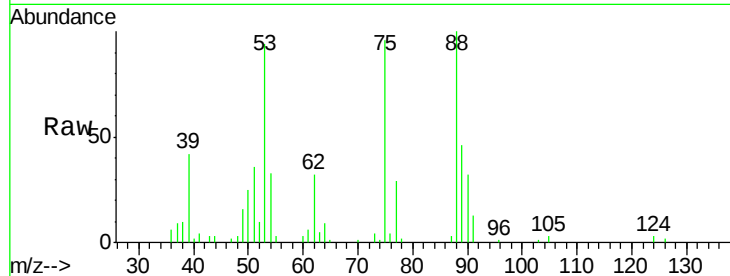
ClientSampleId :

VSTDIC020

Tot Ion:	75	Resp:	27227
Ion Ratio	Lower	Upper	
75	100		
53	93.7	72.0	108.0
89	45.3	36.9	55.3

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#82

4-Chlorotoluene

Concen: 20.407 ug/l

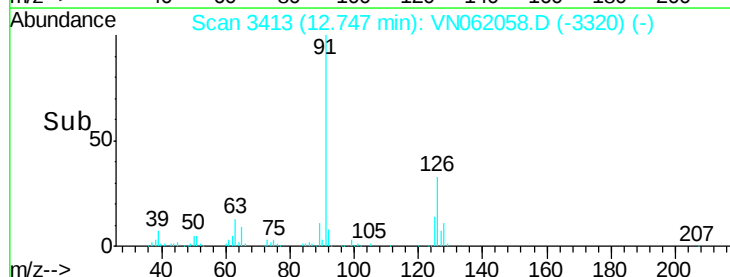
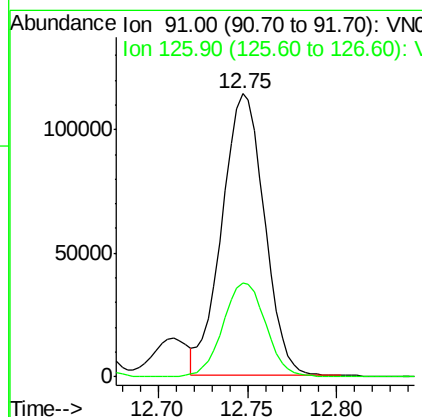
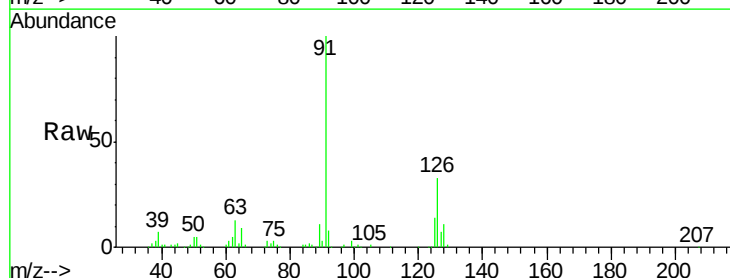
RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062058.D

Acq: 24 Jun 2020 10:30

Tgt Ion:	91	Resp:	189115
Ion Ratio	Lower	Upper	
91	100		
126	33.8	16.7	50.1





#83

tert-Butylbenzene

Concen: 20.613 ug/l

RT: 12.97 min Scan# 3482

Delta R.T. -0.00 min

Lab File: VN062058.D

Acq: 24 Jun 2020 10:30

Instrument :

MSVOA_N

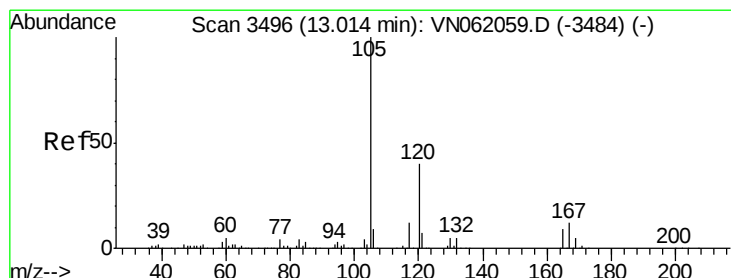
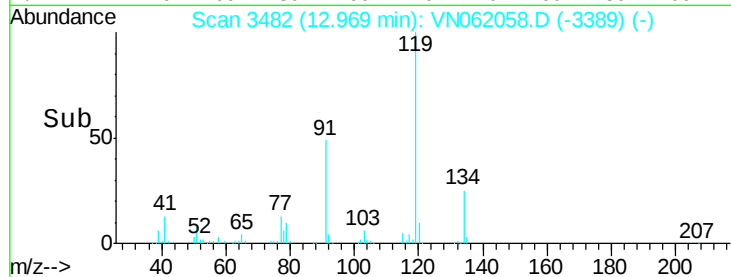
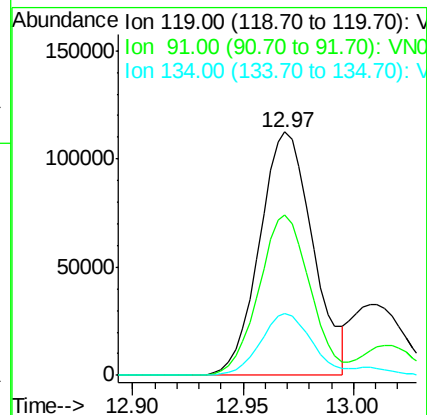
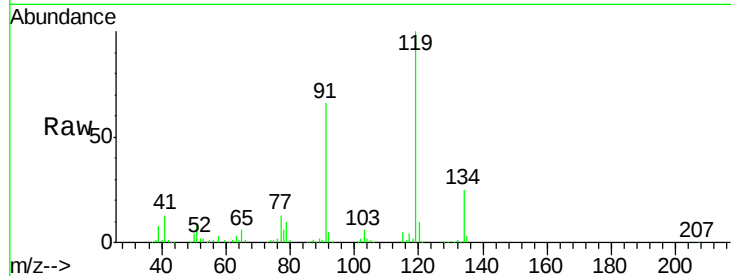
ClientSampleId :

VSTDIC020

Tot Ion:	119	Resp:	188438
Ion Ratio	Lower	Upper	
119	100		
91	63.7	31.7	95.1
134	24.7	13.1	39.1

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#84

1,2,4-Trimethylbenzene

Concen: 21.210 ug/l

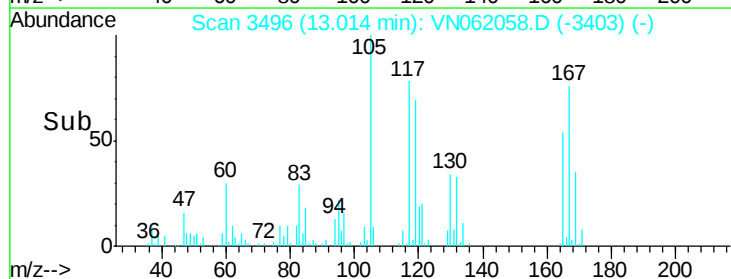
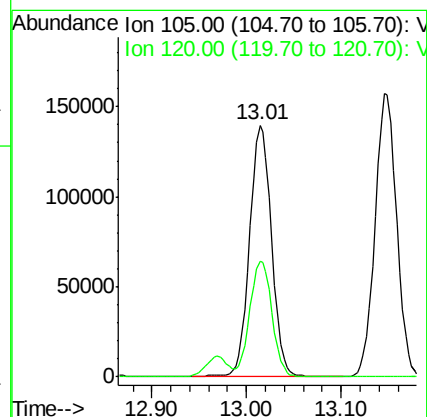
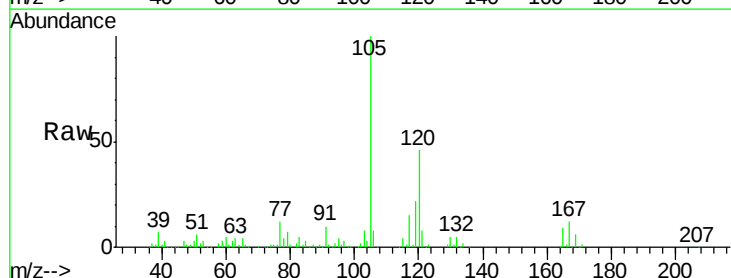
RT: 13.01 min Scan# 3496

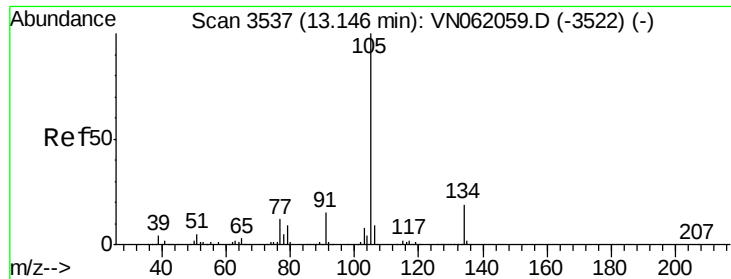
Delta R.T. -0.00 min

Lab File: VN062058.D

Acq: 24 Jun 2020 10:30

Tgt Ion:	105	Resp:	225453
Ion Ratio	Lower	Upper	
105	100		
120	46.3	23.2	69.5





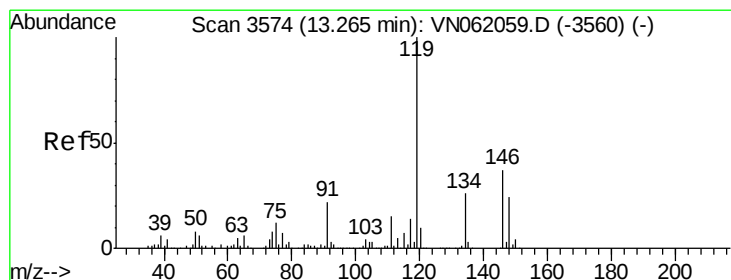
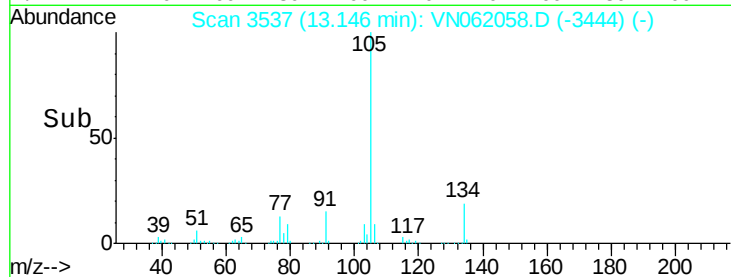
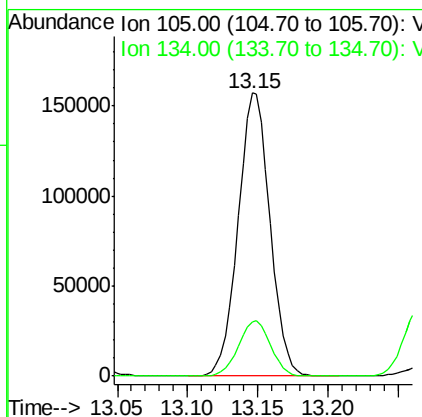
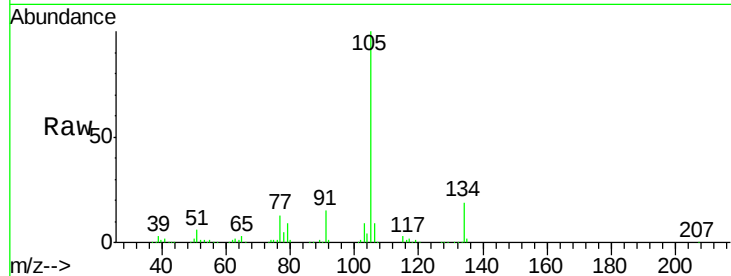
#85
 sec-Butylbenzene
 Concen: 20.660 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062058.D
 Acq: 24 Jun 2020 10:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
105	100	247898		
134	19.7	9.7	29.1	

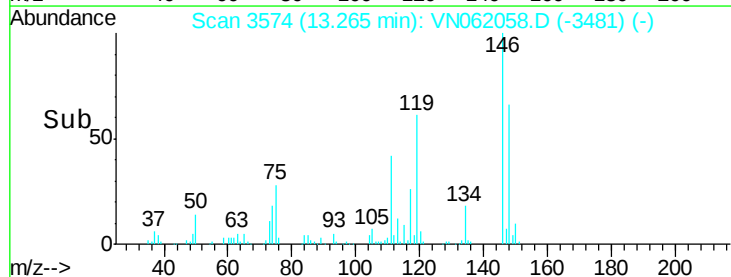
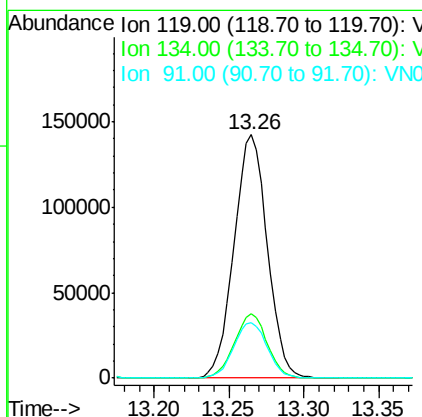
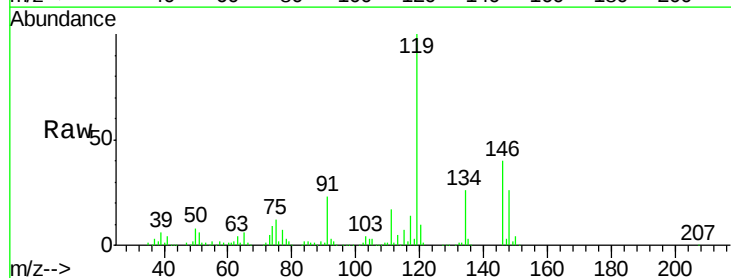
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 6/25/2020 6:10:06 PM



#86
 p-Isopropyltoluene
 Concen: 20.713 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062058.D
 Acq: 24 Jun 2020 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	220630		
134	26.1	13.0	39.0	
91	22.8	11.3	33.8	





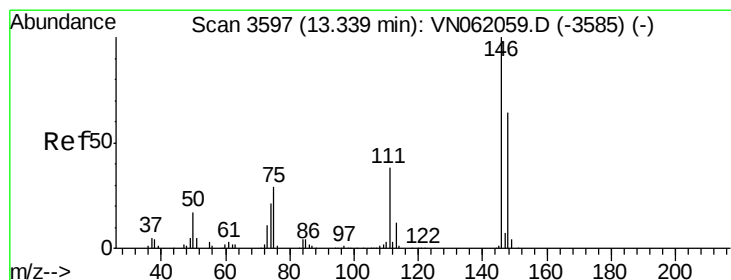
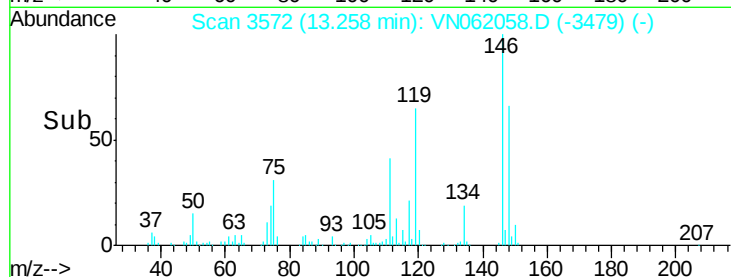
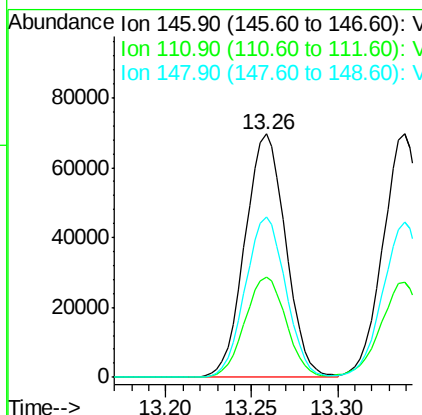
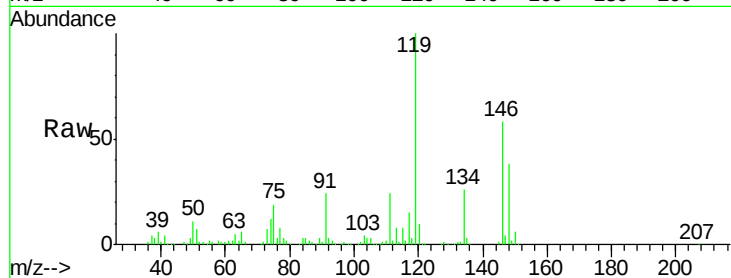
#87
 1,3-Dichlorobenzene
 Concen: 19.297 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062058.D
 Acq: 24 Jun 2020 10:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.3	61.0
148	65.5	31.8	95.3

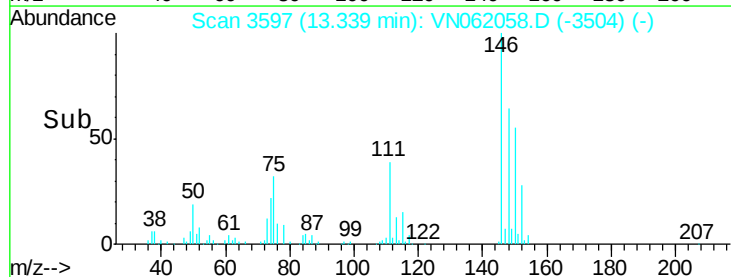
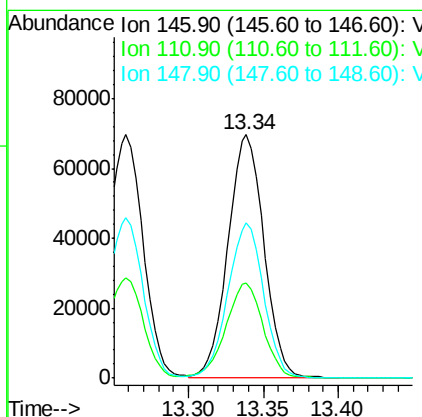
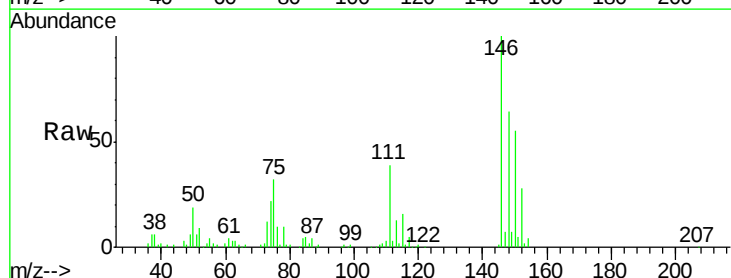
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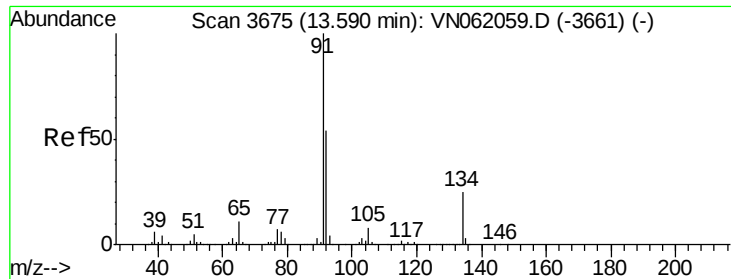
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#88
 1,4-Dichlorobenzene
 Concen: 19.030 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062058.D
 Acq: 24 Jun 2020 10:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	19.9	59.6
148	64.1	31.9	95.9





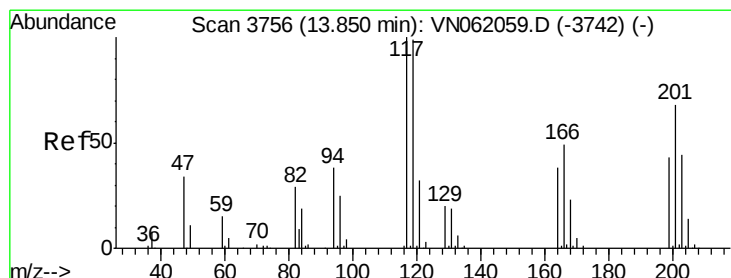
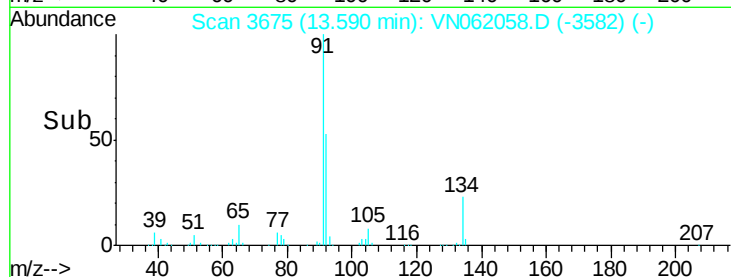
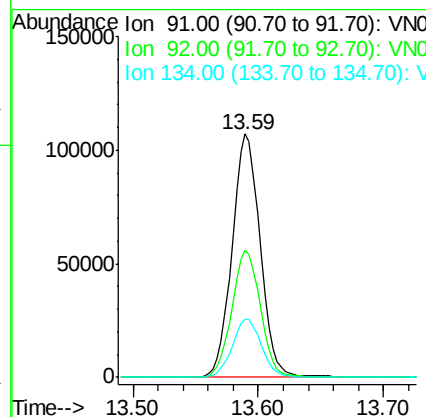
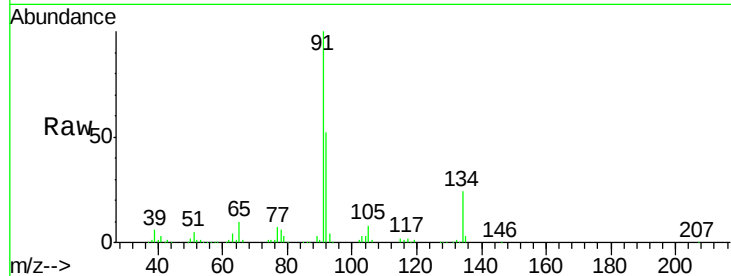
#89
n-Butylbenzene
Concen: 18.737 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062058.D
Acq: 24 Jun 2020 10:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.6	79.7
134	24.8	12.3	36.9

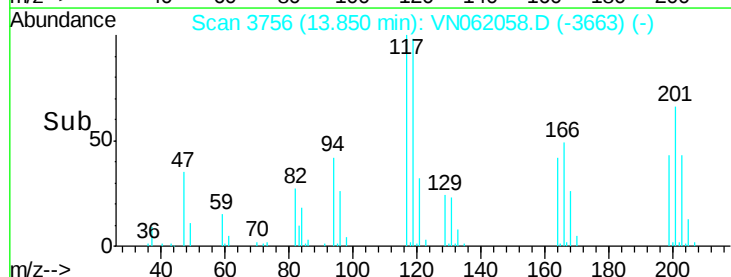
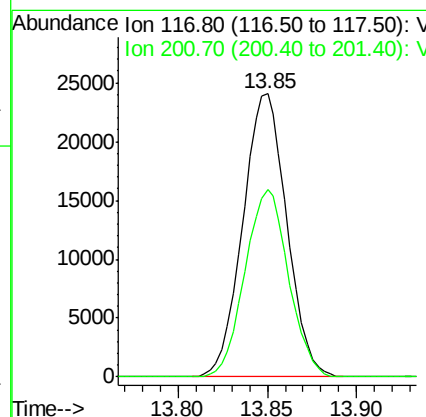
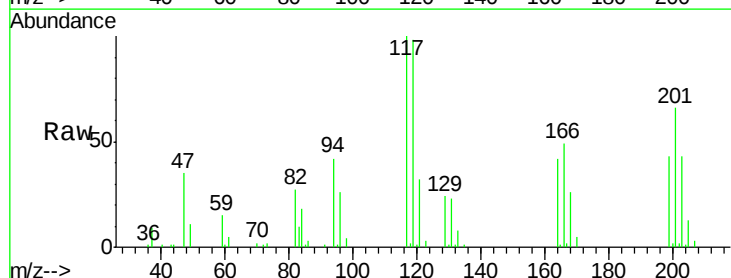
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#90
Hexachloroethane
Concen: 21.094 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062058.D
Acq: 24 Jun 2020 10:30

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.4	32.7	98.1





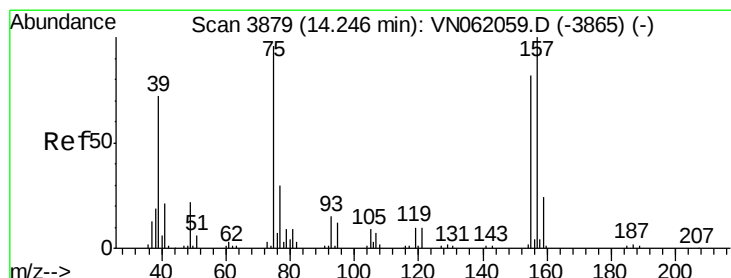
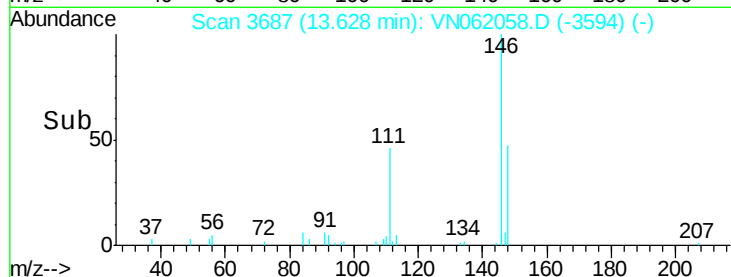
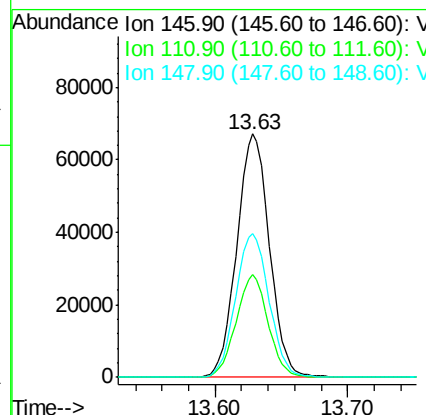
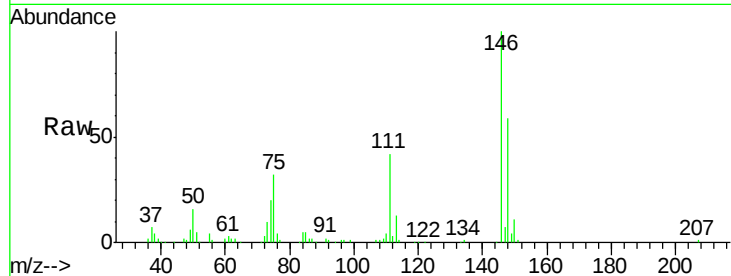
#91
 1,2-Dichlorobenzene
 Concen: 20.031 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062058.D
 Acq: 24 Jun 2020 10:30

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	21.2	63.6
148	60.4	31.9	95.5

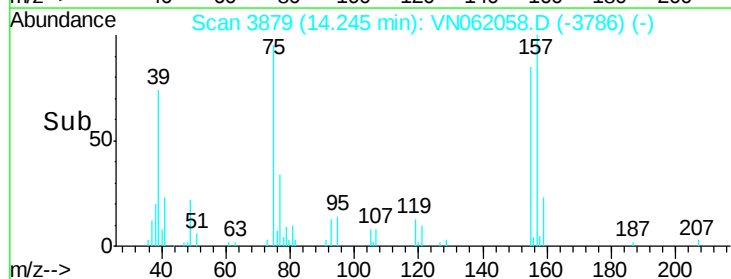
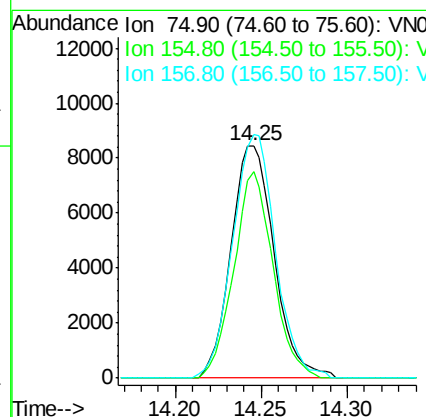
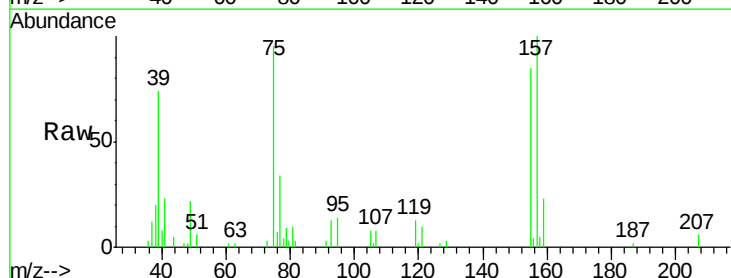
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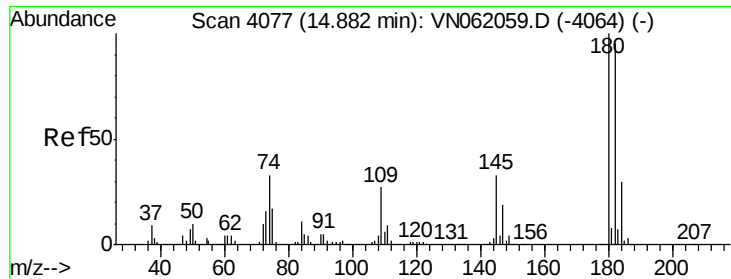
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.290 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062058.D
 Acq: 24 Jun 2020 10:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.4	40.8	122.4
157	103.9	51.4	154.3





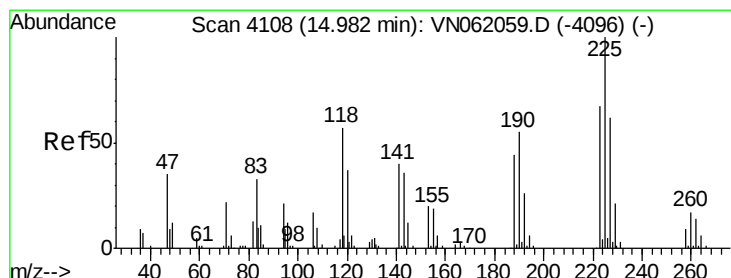
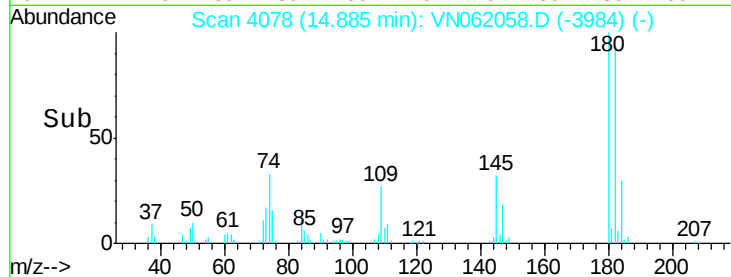
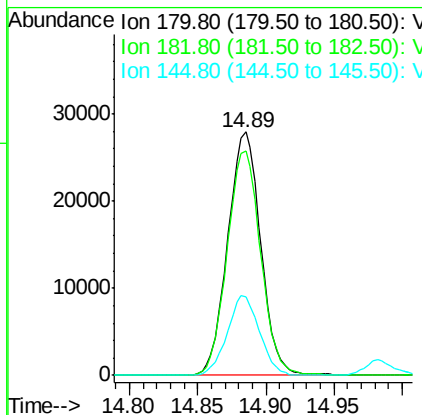
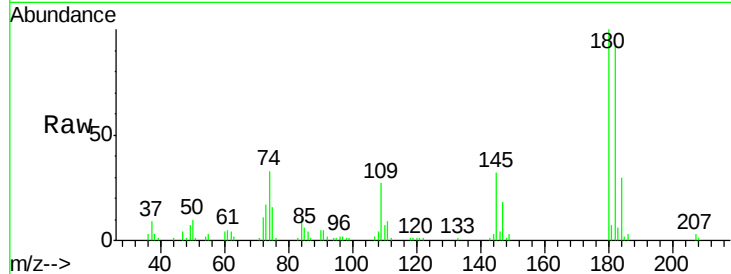
#93
 1,2,4-Trichlorobenzene
 Concen: 17.515 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062058.D
 Acq: 24 Jun 2020 10:30

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	48.0	144.2
145	31.7	16.0	48.0

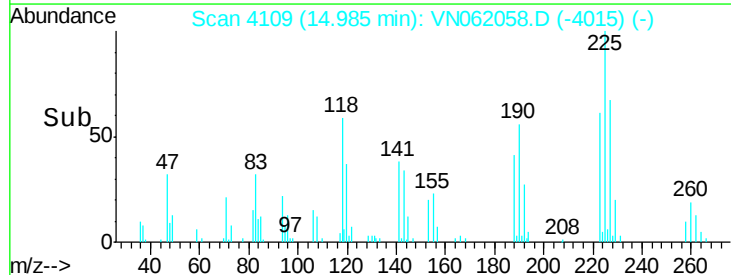
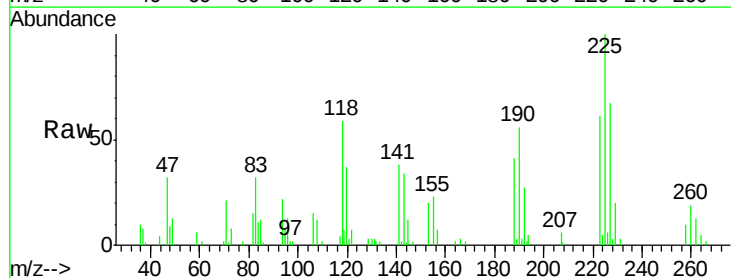
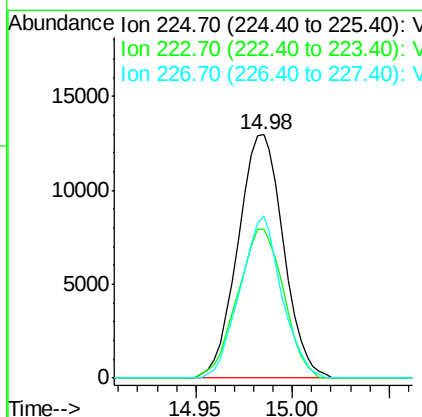
Manual Integrations
 APPROVED

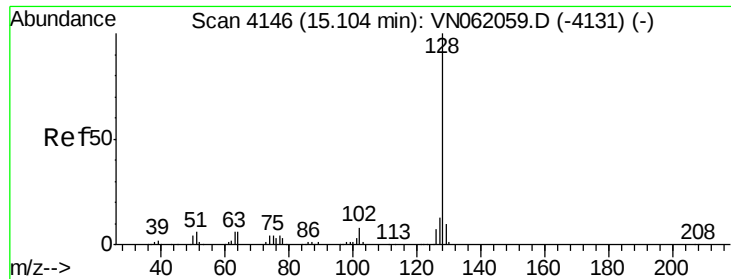
MMDadoda
 6/25/2020 6:10:06 PM



#94
 Hexachlorobutadiene
 Concen: 19.943 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062058.D
 Acq: 24 Jun 2020 10:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	32.9	98.7
227	61.0	31.3	93.8





#95

Naphthalene

Concen: 17.074 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062058.D

Acq: 24 Jun 2020 10:30

Instrument :

MSVOA_N

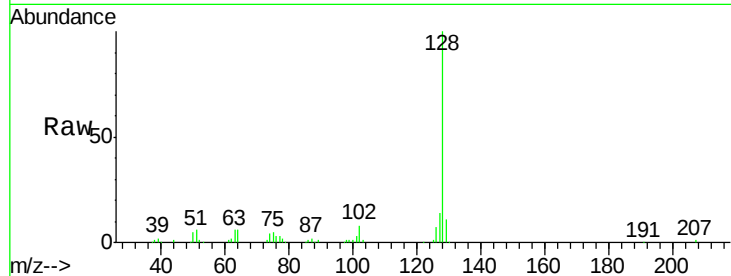
ClientSampleId :

VSTDIC020

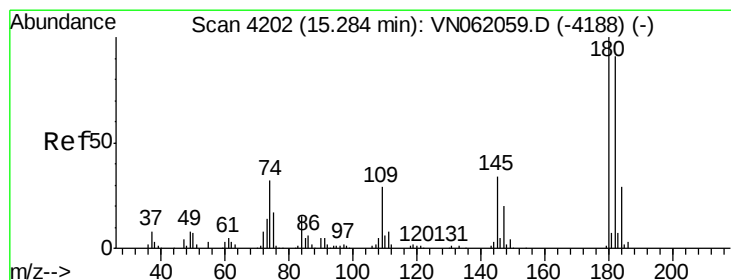
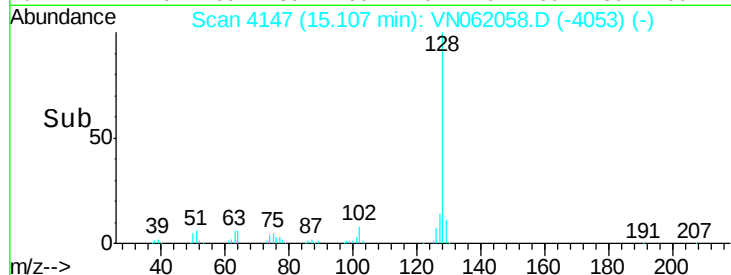
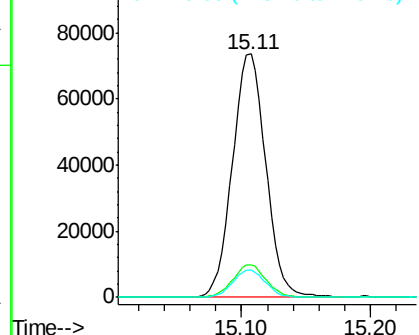
Tot Ion:	128	Resp:	132294
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.5	15.7
129	10.8	8.6	13.0

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



#96

1,2,3-Trichlorobenzene

Concen: 17.724 ug/l

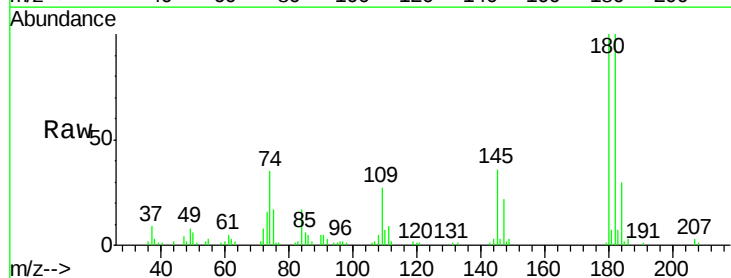
RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062058.D

Acq: 24 Jun 2020 10:30

Tgt Ion:	180	Resp:	47333
Ion Ratio	Lower	Upper	
180	100		
182	97.4	46.8	140.4
145	34.0	16.4	49.2



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

