

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030520\
 Data File : VN060360.D
 Acq On : 5 Mar 2020 12:21
 Operator : JC/MD
 Sample : VN0305WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0305WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/6/2020 11:18:13 AM

Quant Time: Mar 06 01:01:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	199616	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	327034	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	298459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	143185	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	121350	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	
35) Dibromofluoromethane	7.56	113	84296	55.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.06%	
50) Toluene-d8	10.08	98	354729	46.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.34%	
62) 4-Bromofluorobenzene	12.40	95	132805	45.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	32249	17.621	ug/l	98
3) Chloromethane	2.03	50	57964	18.191	ug/l	100
4) Vinyl Chloride	2.16	62	48270	17.664	ug/l	98
5) Bromomethane	2.55	94	18262	14.916	ug/l	99
6) Chloroethane	2.68	64	26335	17.787	ug/l	94
7) Trichlorofluoromethane	3.00	101	62500	17.901	ug/l	97
8) Diethyl Ether	3.38	74	23592	17.897	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	36908	18.679	ug/l	99
10) Methyl Iodide	3.93	142	32524	18.035	ug/l	99
11) Tert butyl alcohol	4.73	59	38468	101.154	ug/l	98
12) 1,1-Dichloroethene	3.71	96	35997	18.722	ug/l	100
13) Acrolein	3.57	56	33108	93.321	ug/l	100
14) Allyl chloride	4.29	41	67000	18.948	ug/l	98
15) Acrylonitrile	4.94	53	98647	98.413	ug/l	99
16) Acetone	3.78	43	82580	99.848	ug/l	99
17) Carbon Disulfide	4.03	76	91824	17.586	ug/l	99
18) Methyl Acetate	4.28	43	52779	19.123	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	134681	19.343	ug/l	98
20) Methylene Chloride	4.52	84	41805	18.405	ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	38038	18.190	ug/l	98
22) Diisopropyl ether	5.91	45	144088	20.117	ug/l	99
23) Vinyl Acetate	5.86	43	565417	99.345	ug/l	99
24) 1,1-Dichloroethane	5.82	63	79381	19.579	ug/l	99
25) 2-Butanone	6.80	43	137355	102.819	ug/l	99
26) 2,2-Dichloropropane	6.79	77	72240	19.572	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	47818	18.156	ug/l	99
28) Bromochloromethane	7.17	49	29717	17.852	ug/l	98
29) Tetrahydrofuran	7.18	42	92583	99.664	ug/l	98
30) Chloroform	7.34	83	78533	19.458	ug/l	97
31) Cyclohexane	7.63	56	71026	19.717	ug/l	96
32) 1,1,1-Trichloroethane	7.54	97	70275	19.652	ug/l	99
36) 1,1-Dichloropropene	7.77	75	58238	18.685	ug/l	99
37) Ethyl Acetate	6.89	43	59014	19.996	ug/l	99
38) Carbon Tetrachloride	7.75	117	56842	18.731	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	67274	18.307	ug/l	98
40) Benzene	8.02	78	173678	19.145	ug/l	99
41) Methacrylonitrile	7.15	41	29058m	21.324	ug/l	
42) 1,2-Dichloroethane	8.10	62	64123	19.588	ug/l	100
43) Isopropyl Acetate	8.14	43	101710	19.686	ug/l	100
44) Trichloroethene	8.82	130	47888	18.954	ug/l	98
45) 1,2-Dichloropropane	9.10	63	48236	20.337	ug/l	100
46) Dibromomethane	9.19	93	29317	19.050	ug/l	98
47) Bromodichloromethane	9.39	83	62707	20.034	ug/l	98
48) Methyl methacrylate	9.18	41	44494	18.885	ug/l	97
49) 1,4-Dioxane	9.18	88	13458	406.190	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	295722	100.951	ug/l	99
52) Toluene	10.14	92	107229	18.817	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	71785	18.717	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	76842	19.335	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	43599	19.026	ug/l	99
56) Ethyl methacrylate	10.42	69	64737	19.664	ug/l	98
57) 1,3-Dichloropropane	10.70	76	74450	19.922	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	155064	90.056	ug/l	100
59) 2-Hexanone	10.74	43	212100	98.614	ug/l	100
60) Dibromochloromethane	10.89	129	45886	19.690	ug/l	98
61) 1,2-Dibromoethane	10.99	107	43643	19.537	ug/l	97
64) Tetrachloroethene	10.62	164	49897	20.396	ug/l	99
65) Chlorobenzene	11.43	112	112765	18.711	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	43380	19.468	ug/l	98
67) Ethyl Benzene	11.50	91	208537	19.001	ug/l	99
68) m/p-Xylenes	11.62	106	157325	37.994	ug/l	100
69) o-Xylene	11.94	106	76166	19.289	ug/l	100
70) Styrene	11.96	104	120655	18.585	ug/l	99
71) Bromoform	12.12	173	31473	19.598	ug/l #	100
73) Isopropylbenzene	12.25	105	206529	19.461	ug/l	99
74) N-amyl acetate	12.06	43	88720	19.131	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	57568	19.956	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	56129m	17.867	ug/l	
77) Bromobenzene	12.52	156	49440	19.005	ug/l	100
78) n-propylbenzene	12.59	91	238199	19.148	ug/l	99
79) 2-Chlorotoluene	12.67	91	139113	19.024	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	171285	19.169	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	22137	19.452	ug/l #	86
82) 4-Chlorotoluene	12.77	91	144384	18.741	ug/l	99
83) tert-Butylbenzene	12.99	119	149446	19.318	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	172286	19.103	ug/l	100
85) sec-Butylbenzene	13.17	105	198484	19.159	ug/l	100
86) p-Isopropyltoluene	13.28	119	178097	18.574	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	88157	19.606	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	87196	19.407	ug/l	99
89) n-Butylbenzene	13.61	91	160250	18.206	ug/l	99
90) Hexachloroethane	13.87	117	24888	17.932	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	85292	18.711	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	12383	18.955	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	54002	18.699	ug/l	100
94) Hexachlorobutadiene	15.01	225	27554	20.356	ug/l	99
95) Naphthalene	15.13	128	155290	18.028	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	51614	18.808	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0305WBS01

Tot Ion:168 Resp: 199616

Ion Ratio Lower Upper

168 100

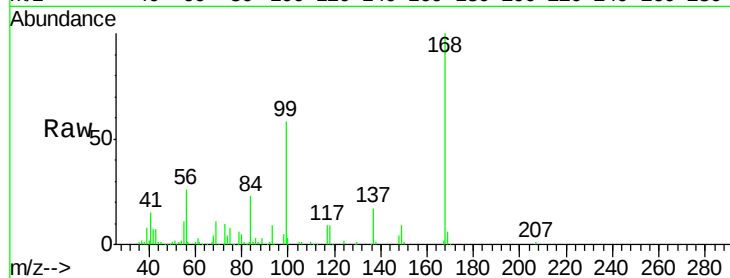
99 57.9 44.7 67.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

80000

60000

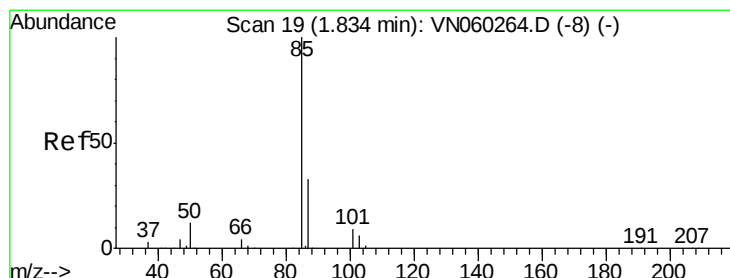
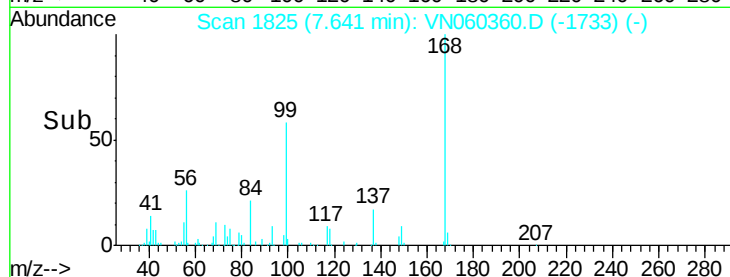
40000

20000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 17.621 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN060360.D

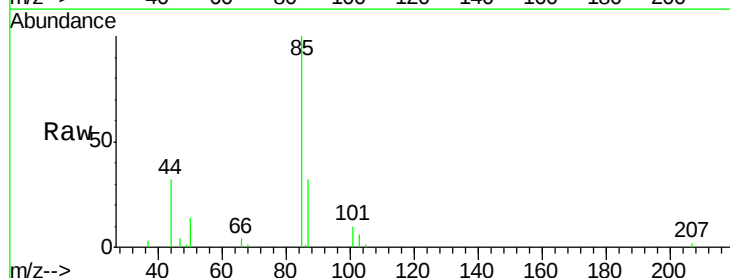
Acq: 5 Mar 2020 12:21

Tgt Ion: 85 Resp: 32249

Ion Ratio Lower Upper

85 100

87 31.7 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

25000

20000

15000

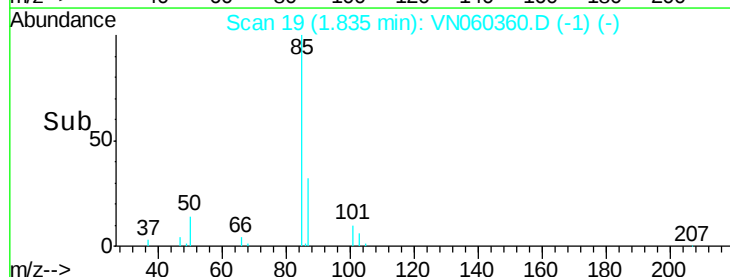
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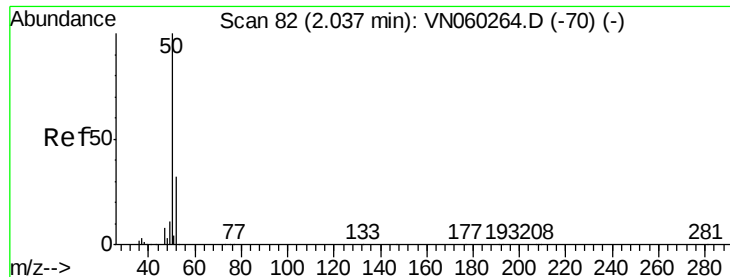
5000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 18.191 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

Instrument :

MSVOA_N

ClientSampled :

VN0305WBS01

Tot Ion: 50 Resp: 57964

Ion Ratio Lower Upper

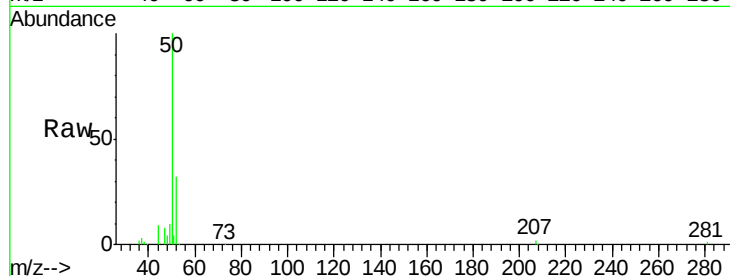
50 100

52 31.7 25.6 38.4

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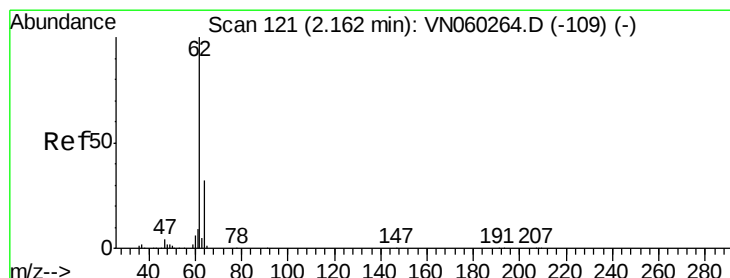
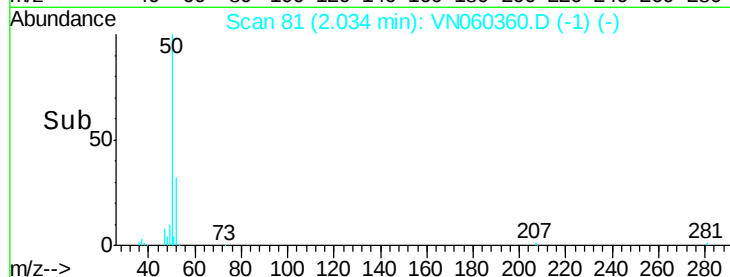
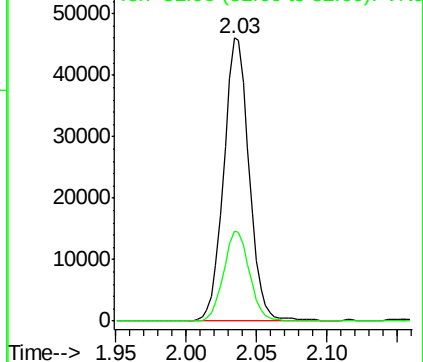
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 17.664 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.00 min

Lab File: VN060360.D

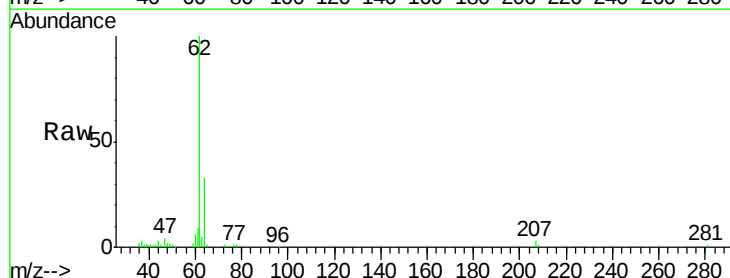
Acq: 5 Mar 2020 12:21

Tgt Ion: 62 Resp: 48270

Ion Ratio Lower Upper

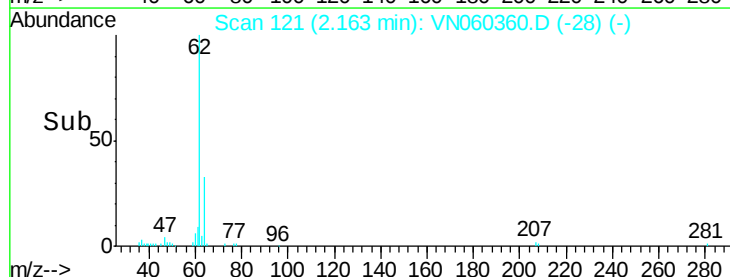
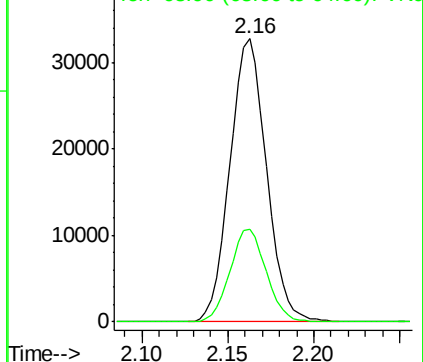
62 100

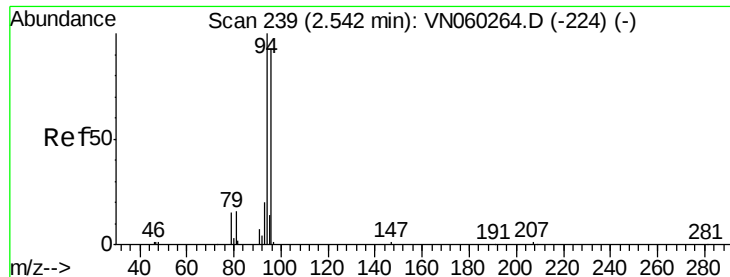
64 32.8 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 14.916 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0305WBS01

Tot Ion: 94 Resp: 18262

Ion Ratio Lower Upper

94 100

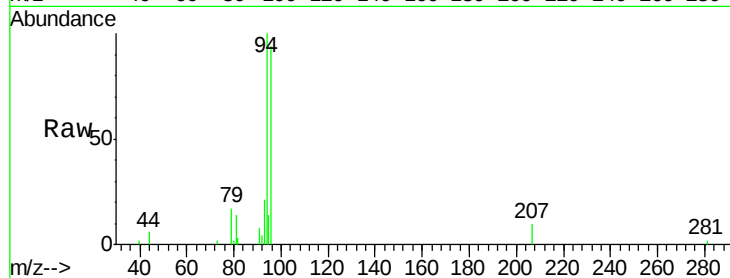
96 94.0 74.3 111.5

Manual Integrations

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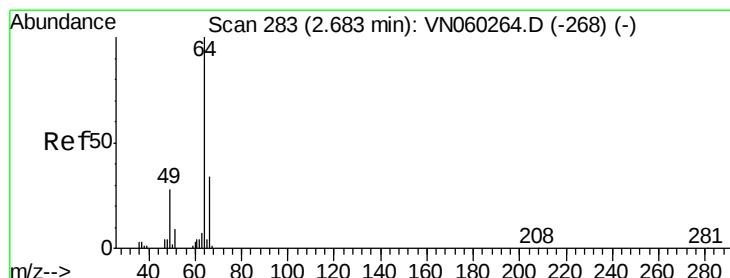
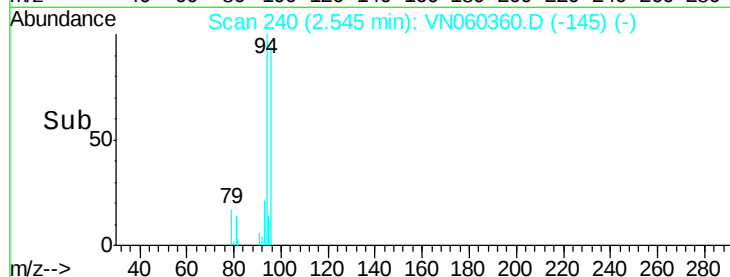
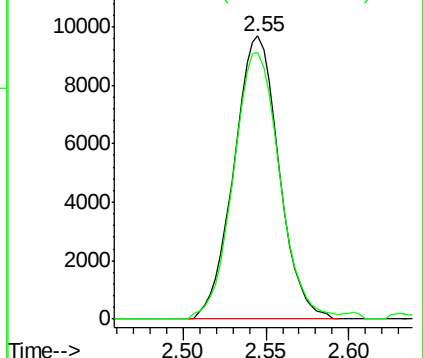
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 17.787 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN060360.D

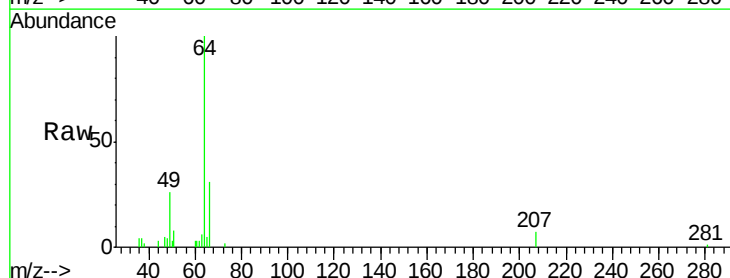
Acq: 5 Mar 2020 12:21

Tgt Ion: 64 Resp: 26335

Ion Ratio Lower Upper

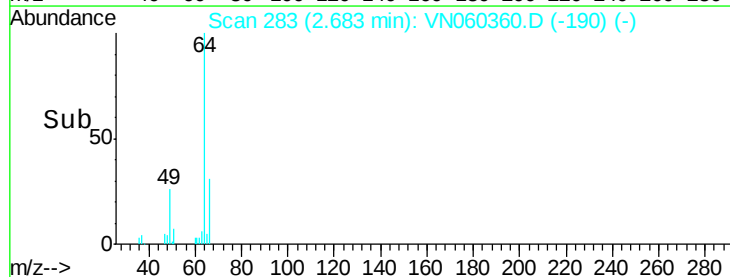
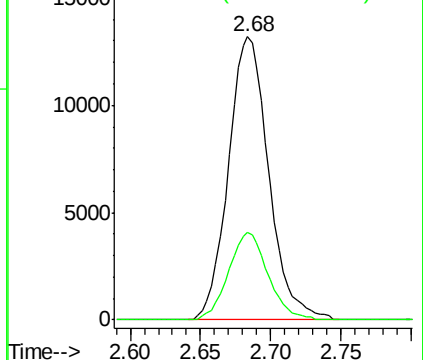
64 100

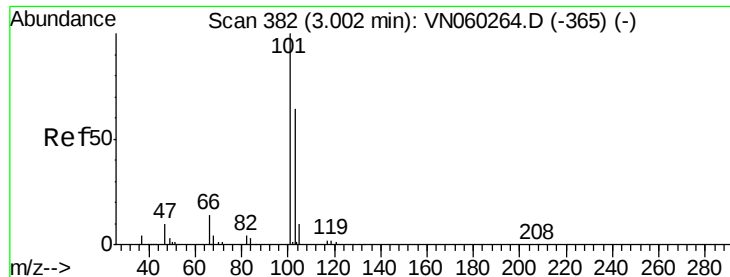
66 30.9 27.4 41.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

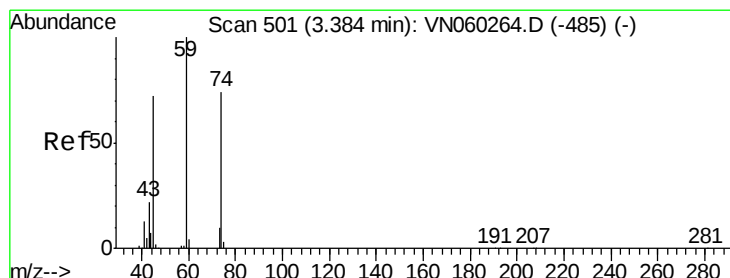
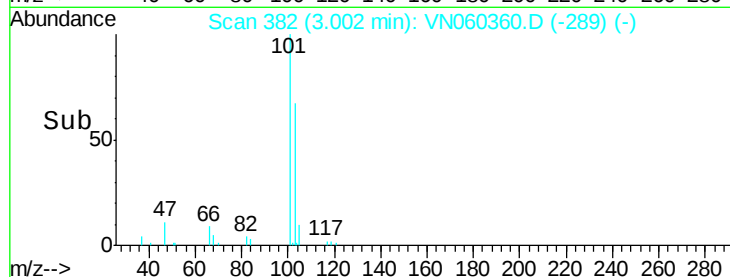
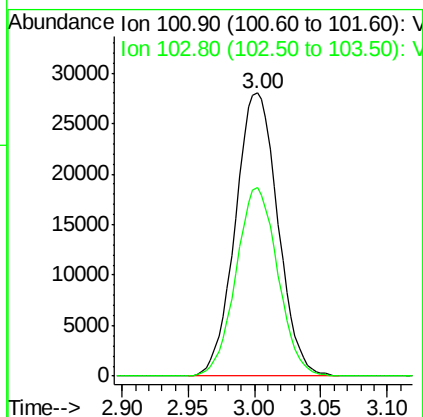
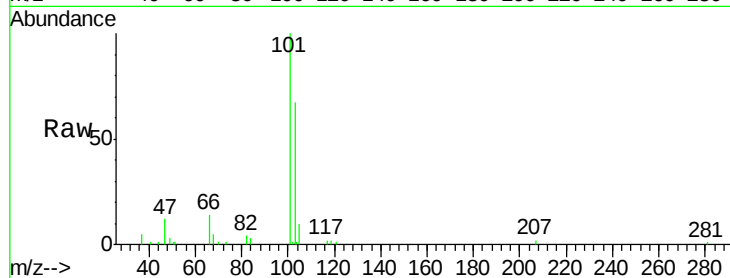
Trichlorofluoromethane
 Concen: 17.901 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VN060360.D
 Acq: 5 Mar 2020 12:21

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		62500		
103	66.5	51.3	76.9		

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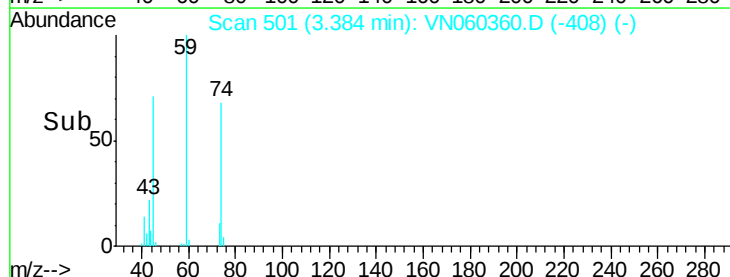
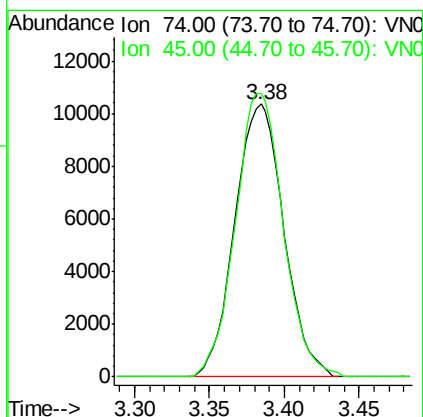
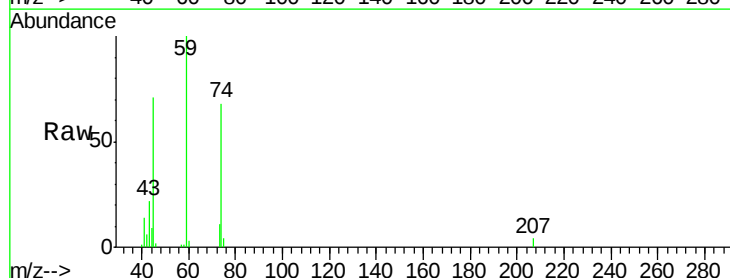
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#8

Diethyl Ether
 Concen: 17.897 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: VN060360.D
 Acq: 5 Mar 2020 12:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		23592		
45	101.7	49.5	148.7		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.679 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

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MSVOA_N

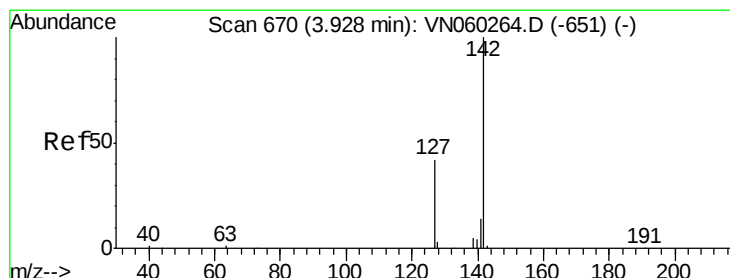
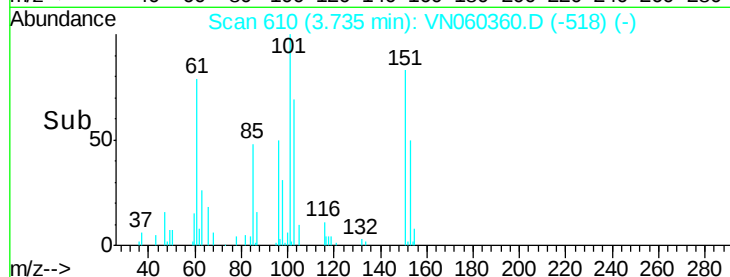
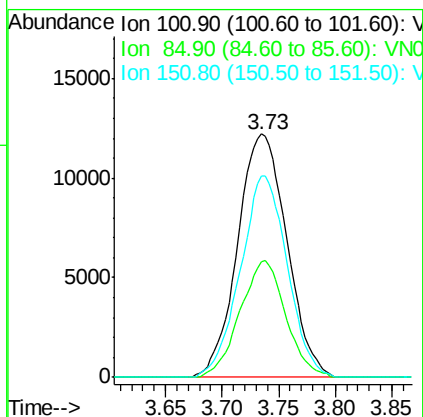
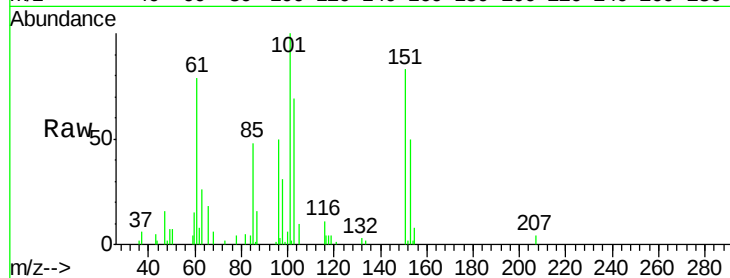
ClientSampleId :

VN0305WBS01

Tot Ion:	101	Resp:	36908
Ion Ratio	Lower	Upper	
101	100		
85	44.5	35.4	53.2
151	78.9	62.0	93.0

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#10

Methyl Iodide

Concen: 18.035 ug/l

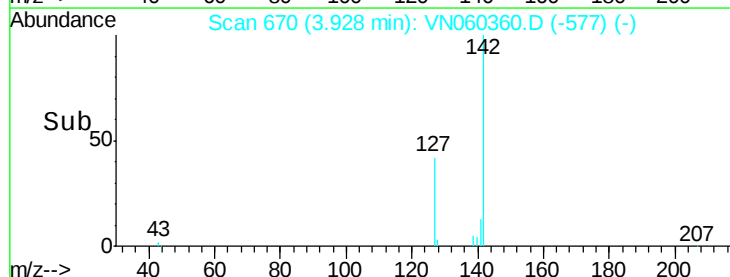
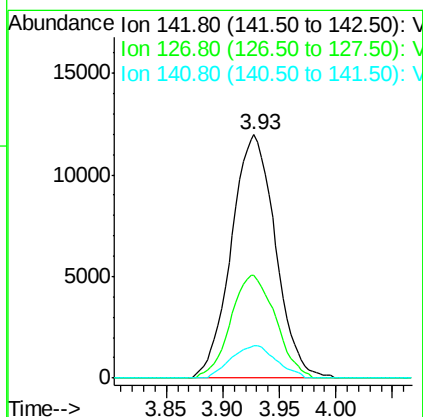
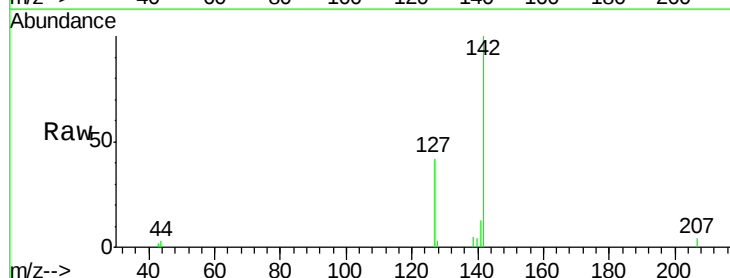
RT: 3.93 min Scan# 670

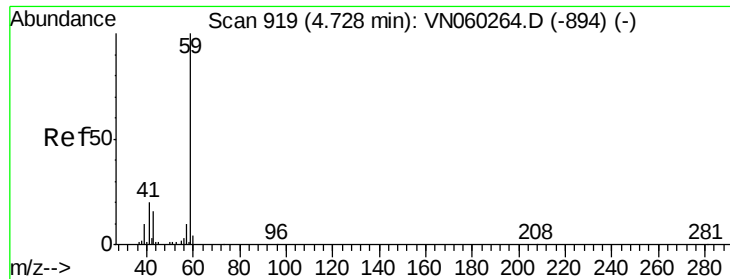
Delta R.T. 0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

Tgt Ion:	142	Resp:	32524
Ion Ratio	Lower	Upper	
142	100		
127	42.9	33.8	50.6
141	13.6	11.1	16.7





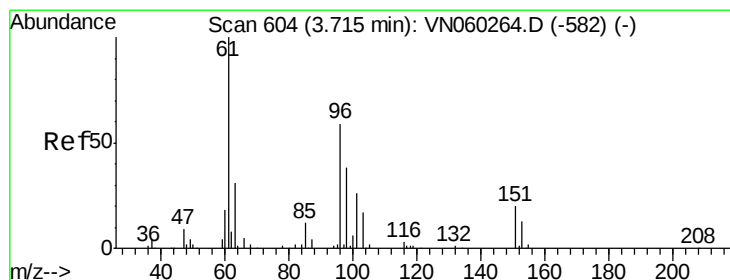
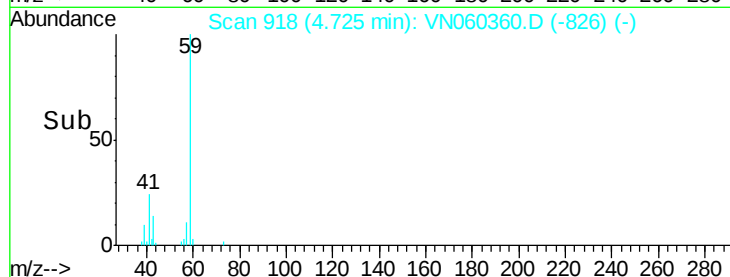
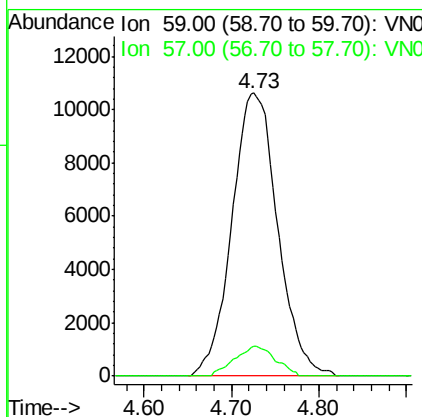
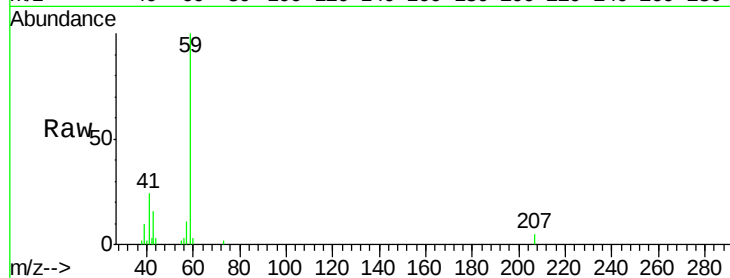
#11
Tert butyl alcohol
Concen: 101.154 ug/l
RT: 4.73 min Scan# 918
Delta R.T. -0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0305WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.4	8.2	12.2

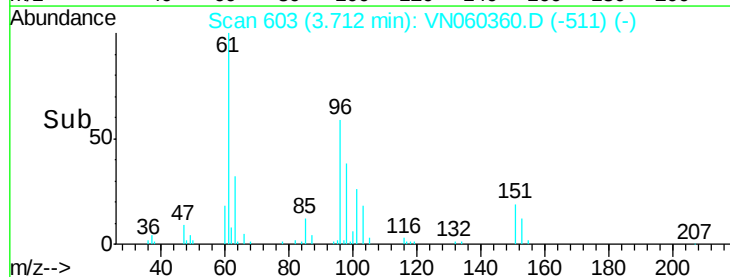
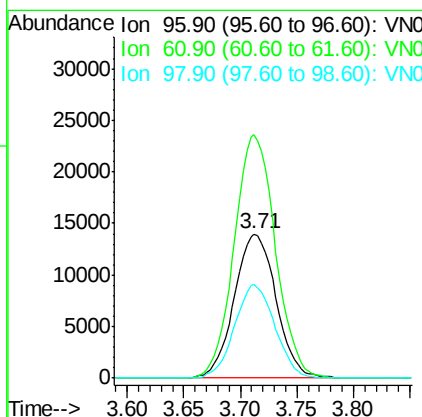
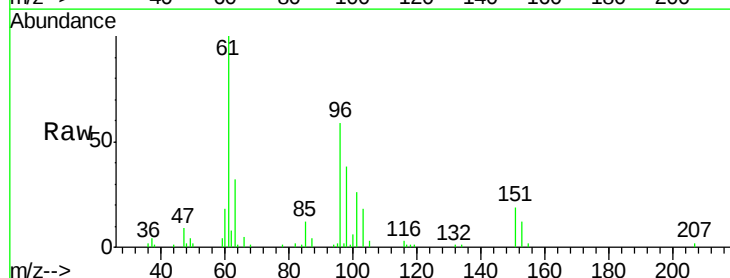
Manual Integrations
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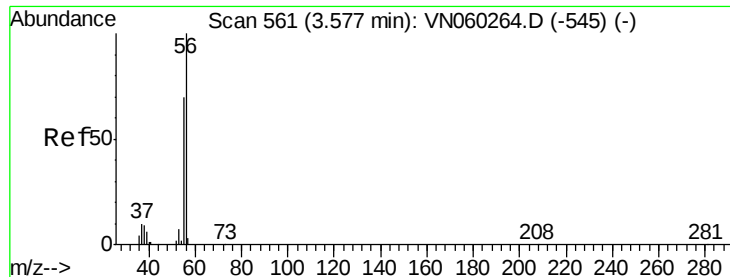
MMDadoda
3/6/2020 11:18:13 AM



#12
1,1-Dichloroethene
Concen: 18.722 ug/l
RT: 3.71 min Scan# 603
Delta R.T. -0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.8	135.4	203.0
98	64.9	51.6	77.4





#13

Acrolein

Concen: 93.321 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

Instrument :

MSVOA_N

ClientSampled :

VN0305WBS01

Tot Ion: 56 Resp: 33108

Ion Ratio Lower Upper

56 100

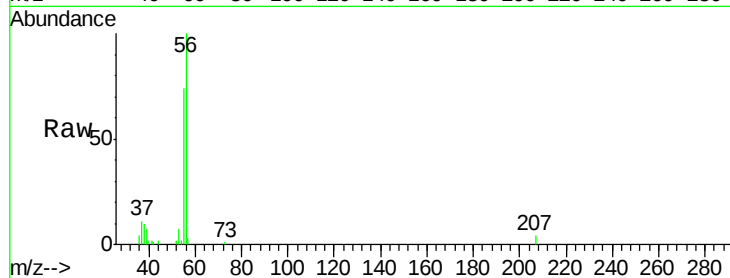
55 71.6 57.4 86.0

Manual Integrations

APPROVED

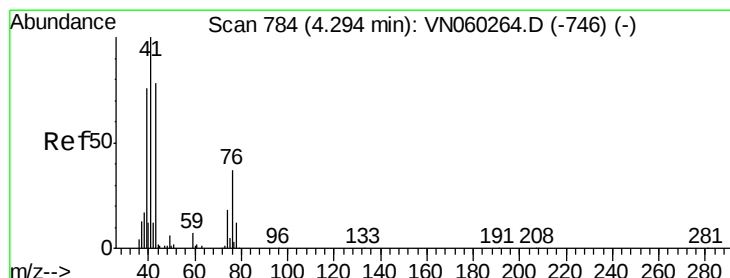
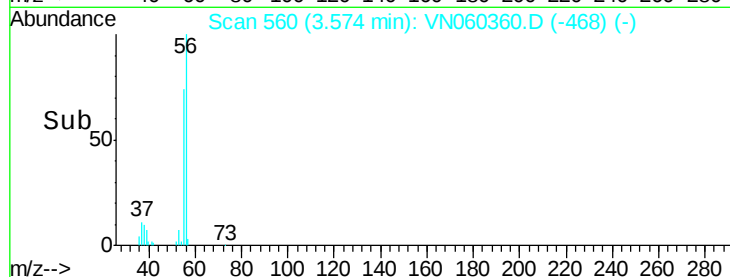
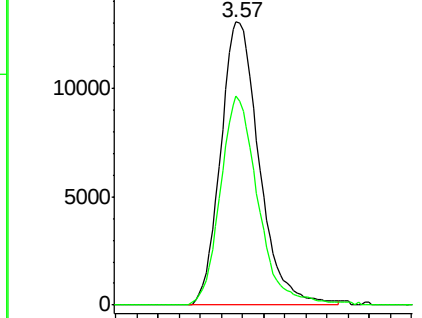
MMDadoda

3/6/2020 11:18:13 AM



Abundance Ion 56.00 (55.70 to 56.70): VN060360.D (-545) (-)

Ion 55.00 (54.70 to 55.70): VN060360.D (-545) (-)



#14

Allyl chloride

Concen: 18.948 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

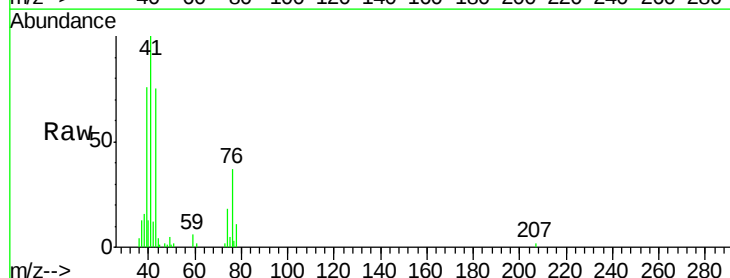
Tgt Ion: 41 Resp: 67000

Ion Ratio Lower Upper

41 100

39 71.4 55.4 83.2

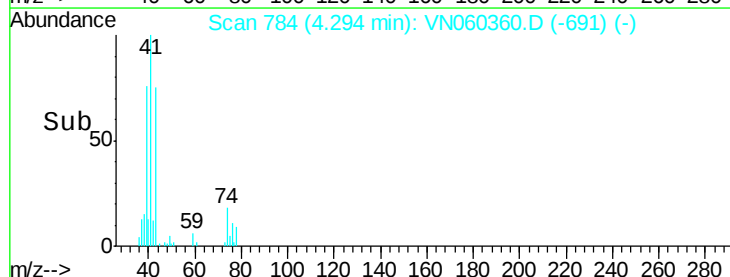
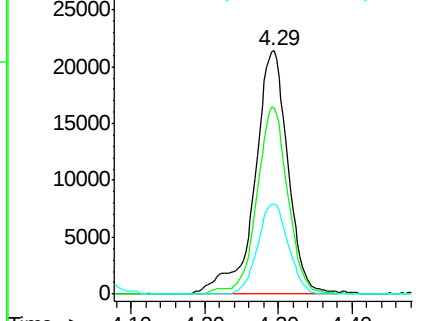
76 34.2 27.0 40.6



Abundance Ion 41.00 (40.70 to 41.70): VN060360.D (-691) (-)

Ion 39.00 (38.70 to 39.70): VN060360.D (-691) (-)

Ion 75.90 (75.60 to 76.60): VN060360.D (-691) (-)





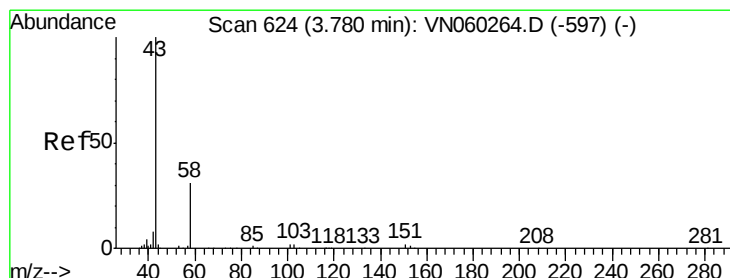
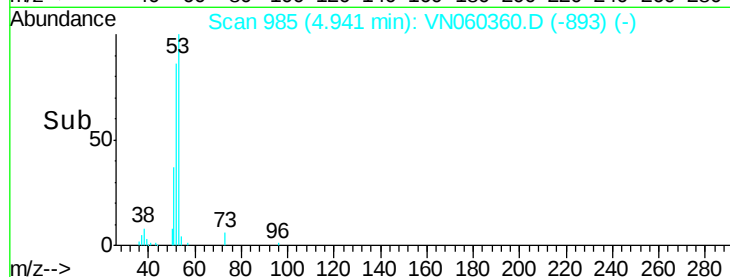
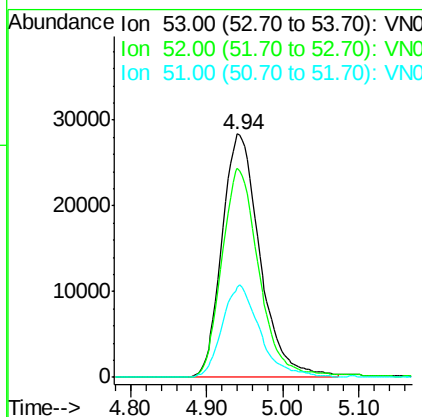
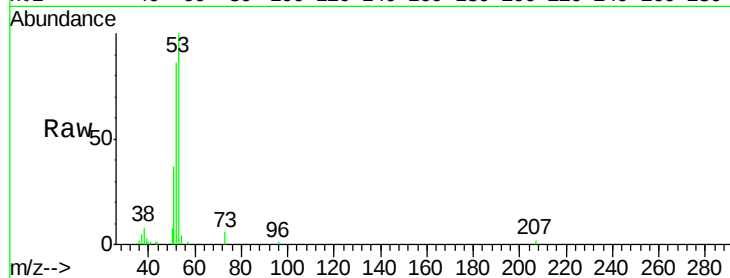
#15
 Acrylonitrile
 Concen: 98.413 ug/l
 RT: 4.94 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: VN060360.D
 Acq: 5 Mar 2020 12:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0305WBS01

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.8	100.2
51	37.8	29.0	43.6

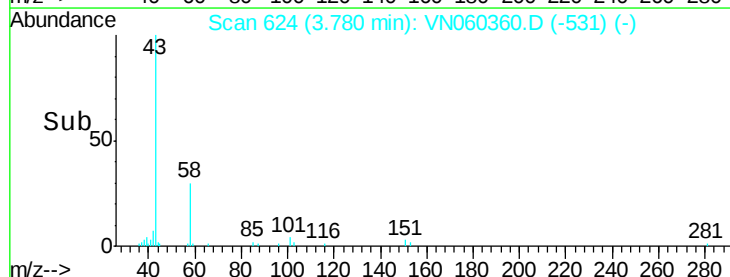
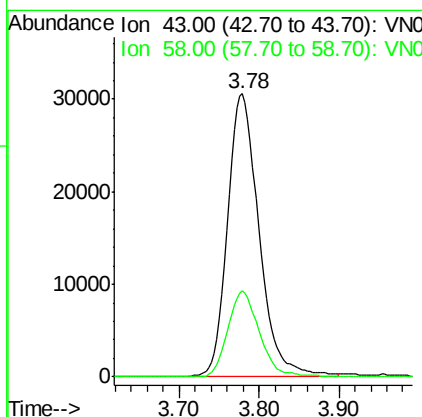
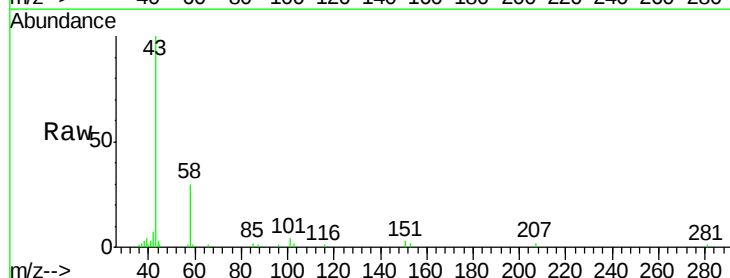
Manual Integrations
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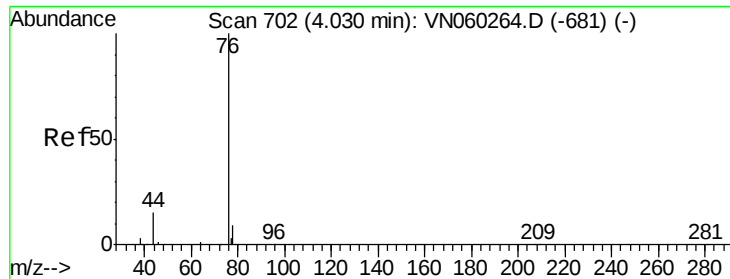
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#16
 Acetone
 Concen: 99.848 ug/l
 RT: 3.78 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: VN060360.D
 Acq: 5 Mar 2020 12:21

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.3	24.6	36.8





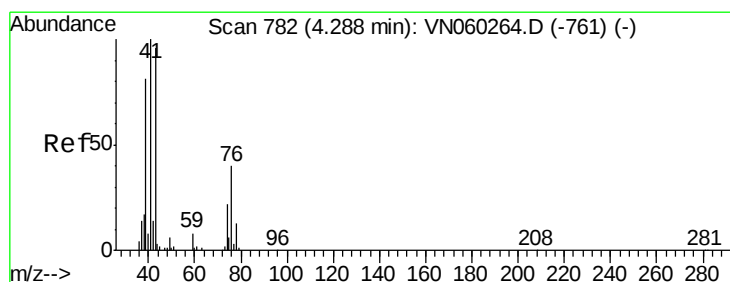
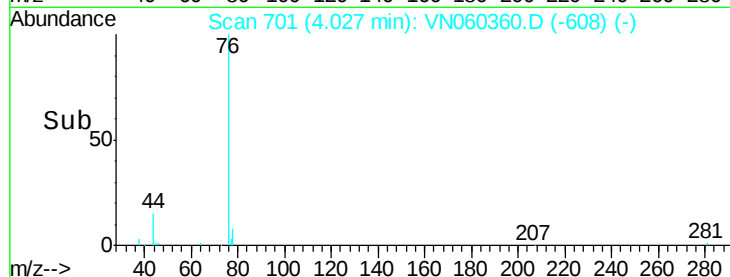
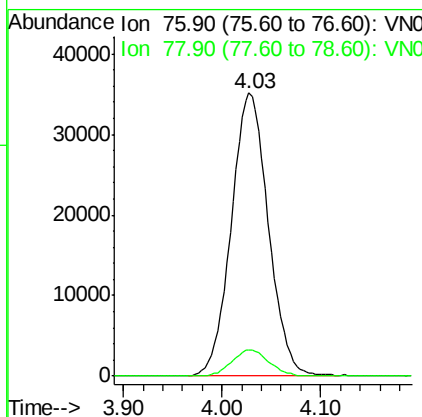
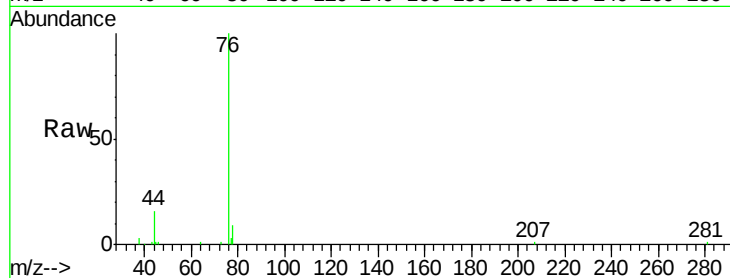
#17
Carbon Disulfide
Concen: 17.586 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0305WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.4	11.0

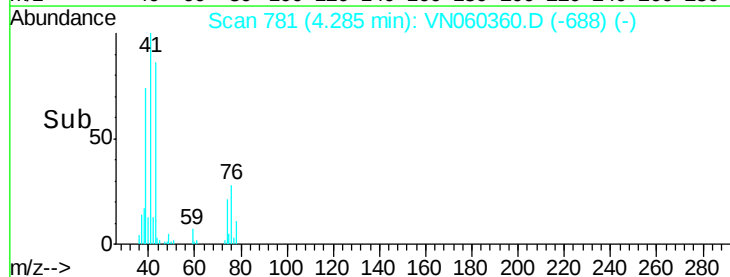
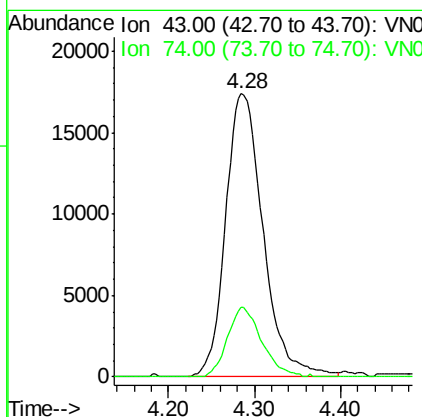
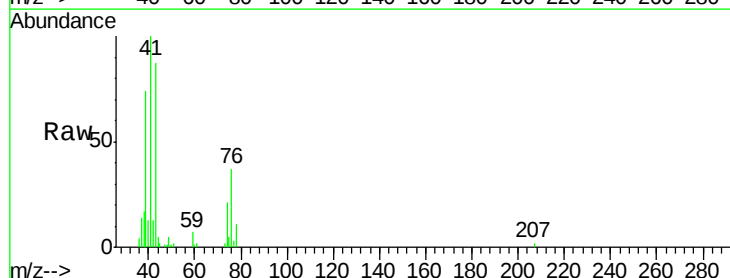
Manual Integrations
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3/6/2020 11:18:13 AM



#18
Methyl Acetate
Concen: 19.123 ug/l
RT: 4.28 min Scan# 781
Delta R.T. -0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.4	18.8	28.2





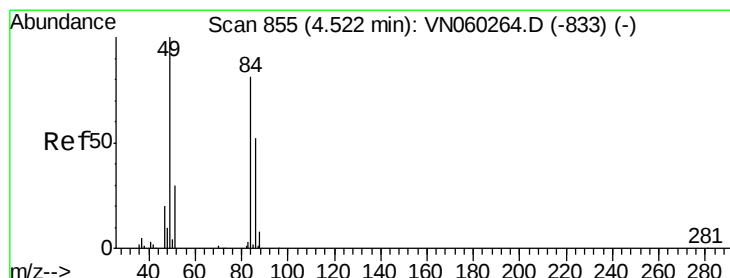
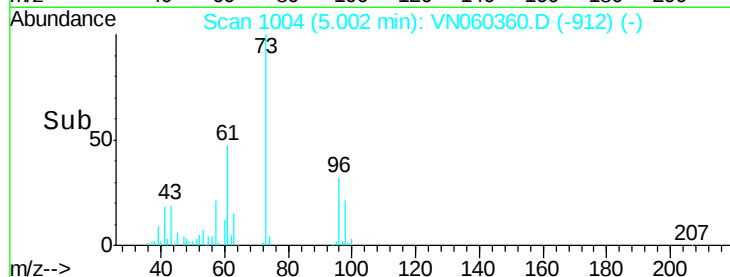
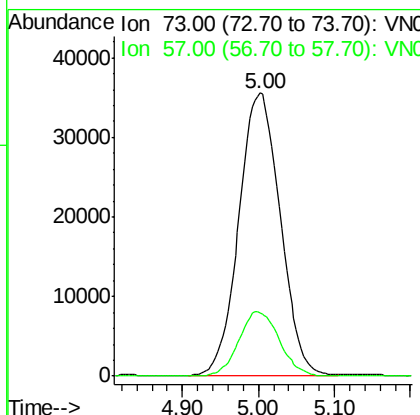
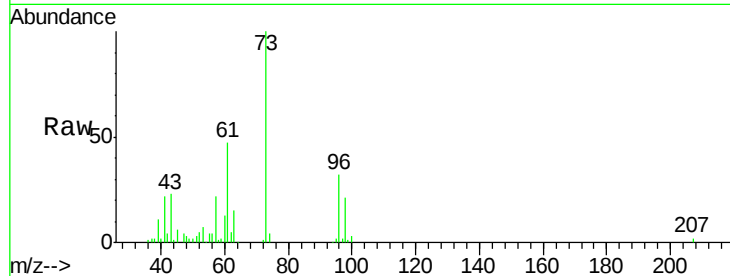
#19
Methyl tert-butyl Ether
Concen: 19.343 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0305WBS01

Tot Ion: 73 Resp: 134681
Ion Ratio Lower Upper
73 100
57 22.5 17.3 25.9

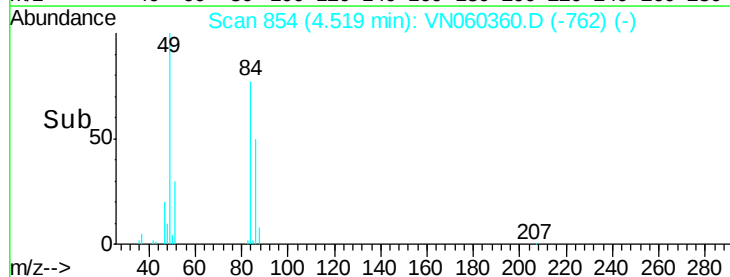
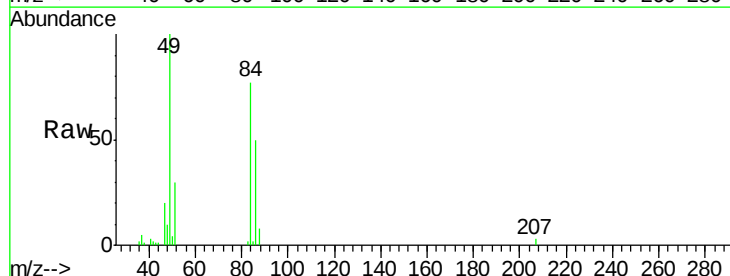
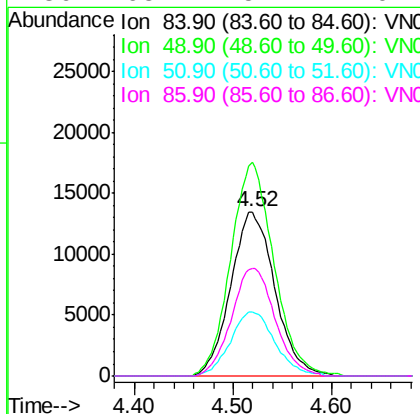
Manual Integrations
APPROVED

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#20
Methylene Chloride
Concen: 18.405 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Tgt Ion: 84 Resp: 41805
Ion Ratio Lower Upper
84 100
49 130.3 99.3 148.9
51 38.8 30.1 45.1
86 65.7 51.1 76.7





#21

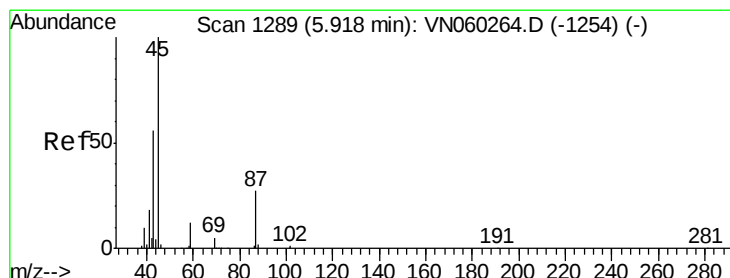
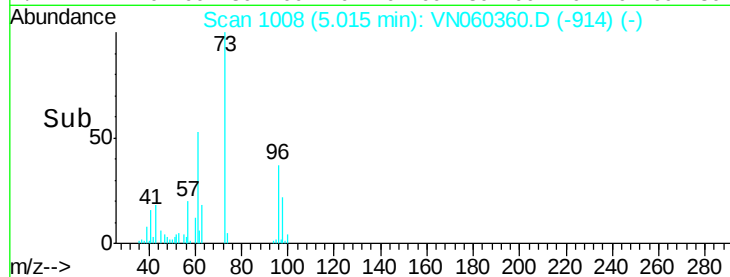
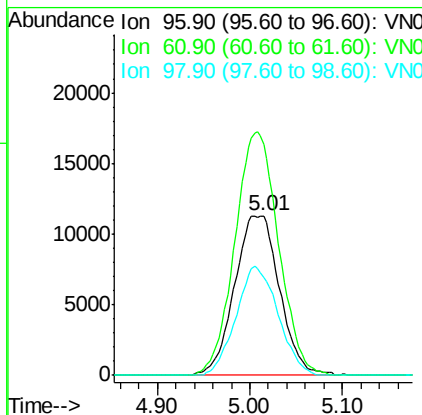
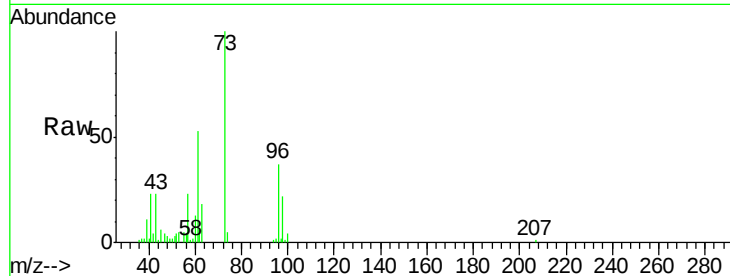
trans-1,2-Dichloroethene
Concen: 18.190 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. 0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0305WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.8	113.8	170.8
98	61.5	48.8	73.2

Manual Integrations
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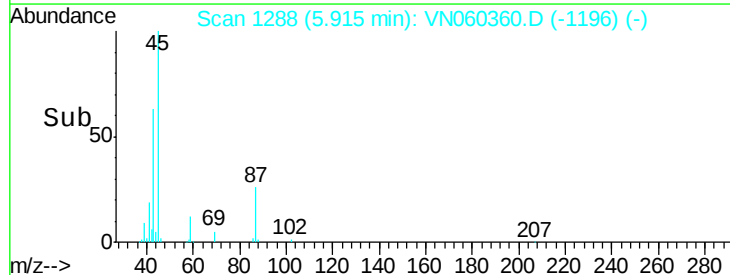
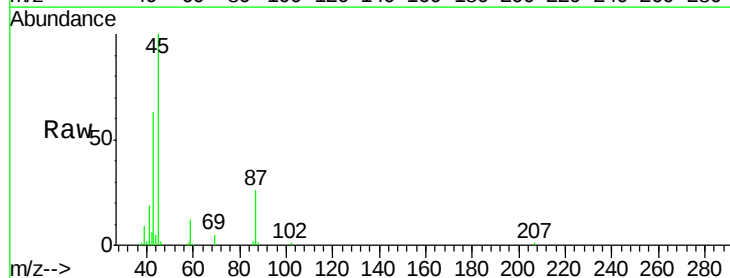
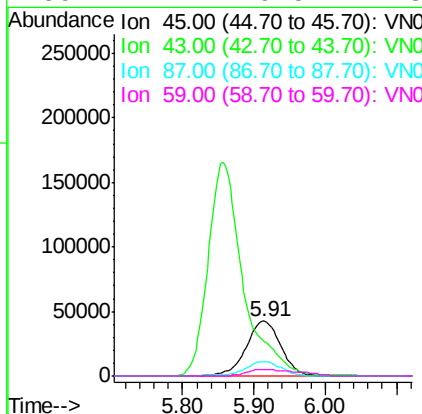
MMDadoda
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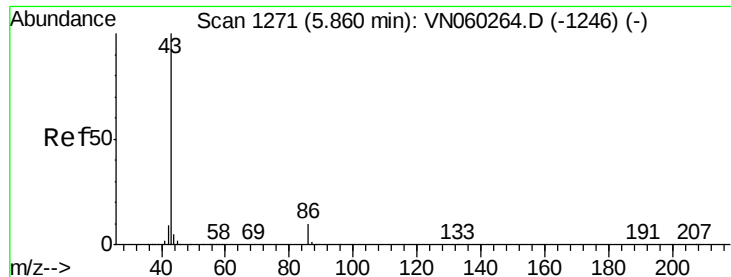


#22

Diisopropyl ether
Concen: 20.117 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Tgt Ion	Ratio	Lower	Upper
45	100		
43	61.6	48.6	72.8
87	26.5	22.2	33.2
59	11.4	9.5	14.3





#23

Vinyl Acetate

Concen: 99.345 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

Instrument :

MSVOA_N

ClientSampled :

VN0305WBS01

Tot Ion: 43 Resp: 565417

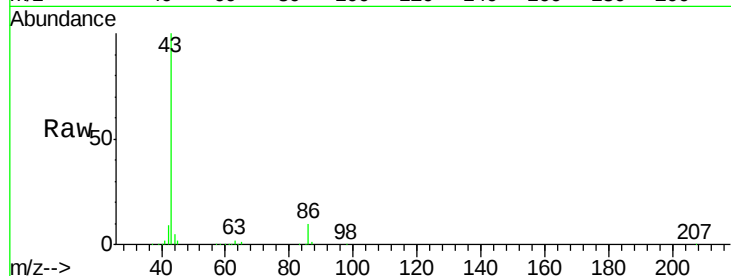
Ion Ratio Lower Upper

43 100

86 9.7 8.0 12.0

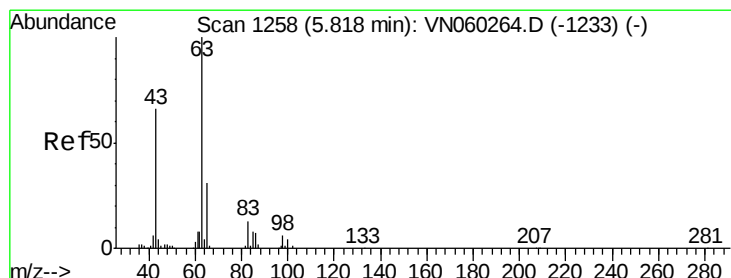
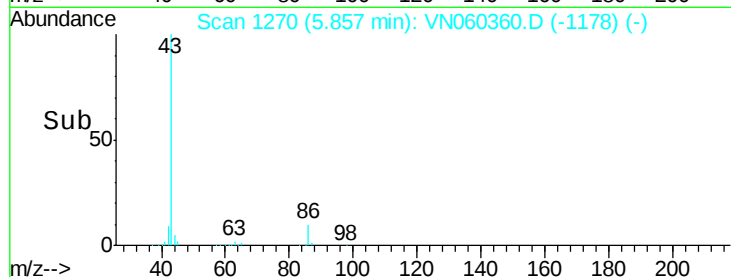
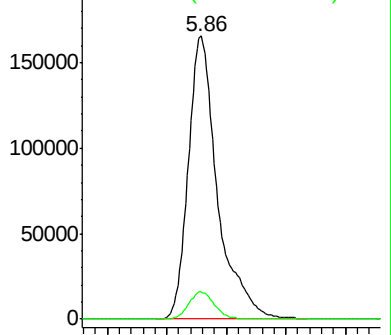
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 19.579 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

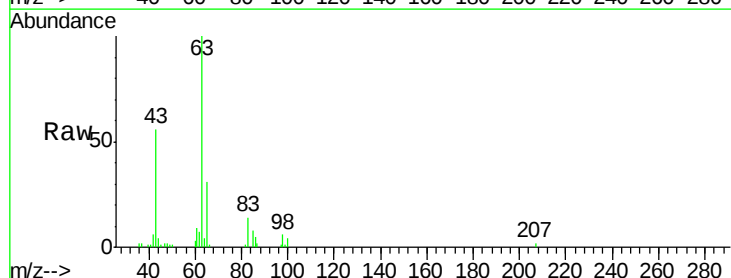
Tgt Ion: 63 Resp: 79381

Ion Ratio Lower Upper

63 100

98 5.8 3.0 9.0

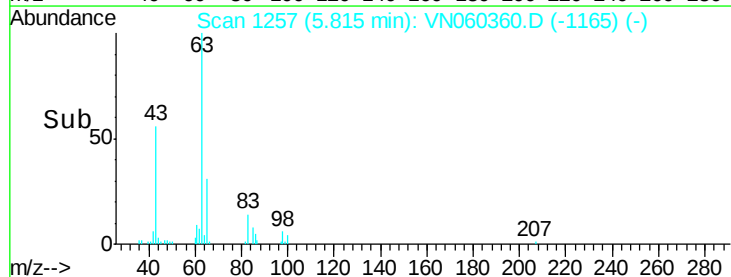
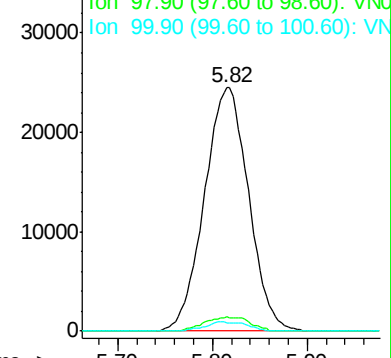
100 3.5 2.0 6.0

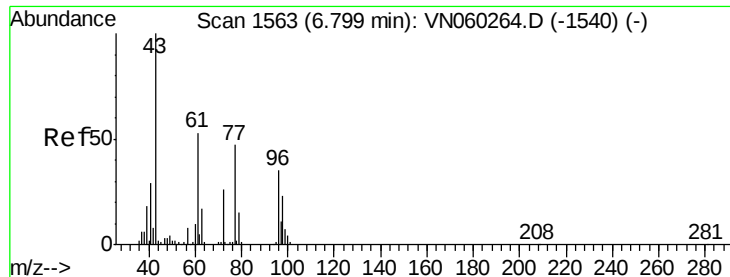


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 102.819 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

Instrument :

MSVOA_N

ClientSampled :

VN0305WBS01

Tot Ion: 43 Resp: 137355

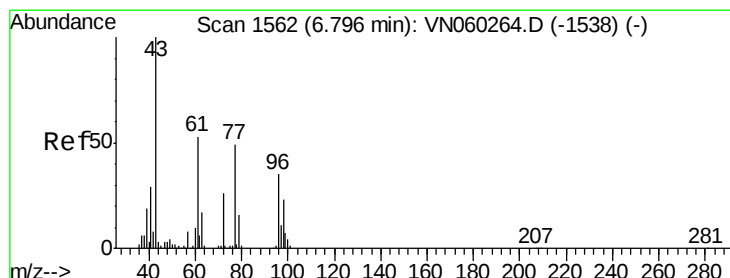
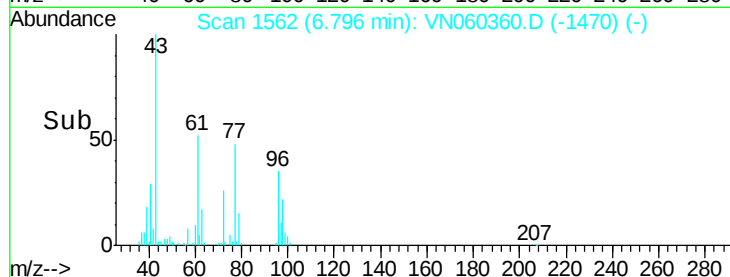
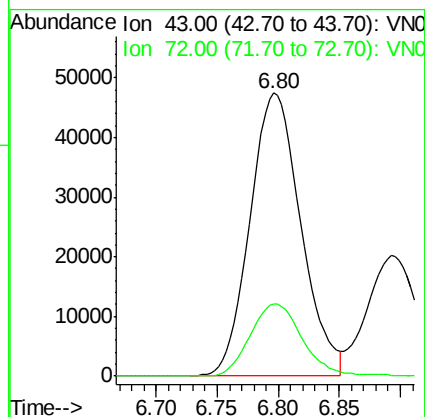
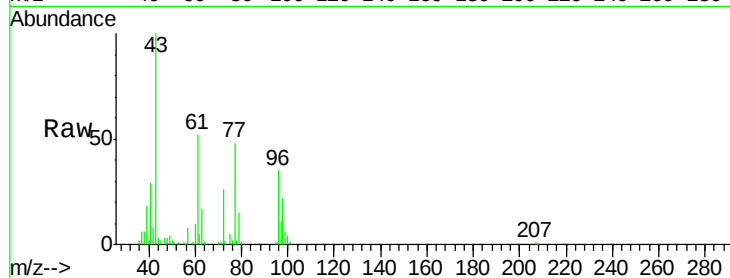
Ion Ratio Lower Upper

43 100

72 25.7 20.9 31.3

Manual Integrations
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3/6/2020 11:18:13 AM



#26

2,2-Dichloropropane

Concen: 19.572 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN060360.D

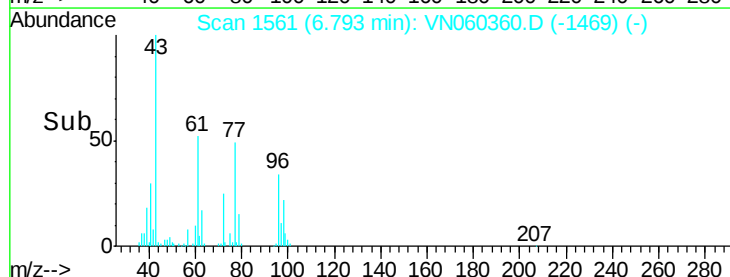
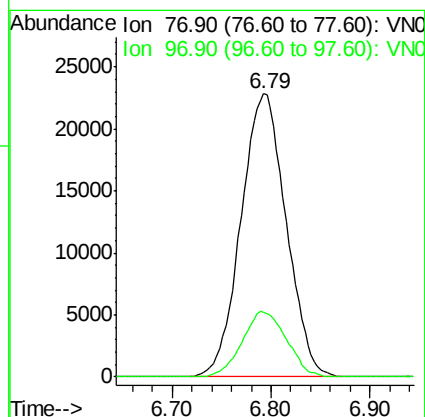
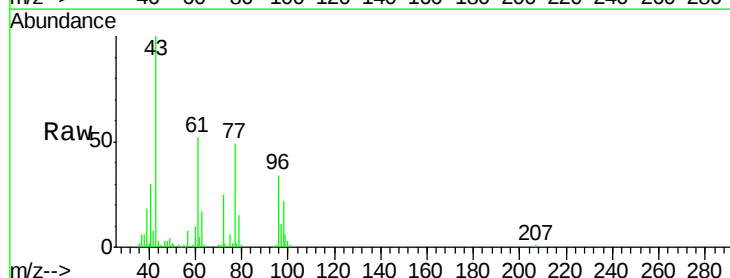
Acq: 5 Mar 2020 12:21

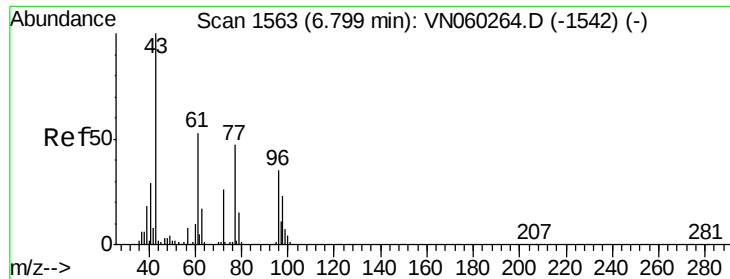
Tgt Ion: 77 Resp: 72240

Ion Ratio Lower Upper

77 100

97 22.6 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 18.156 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

Instrument :

MSVOA_N

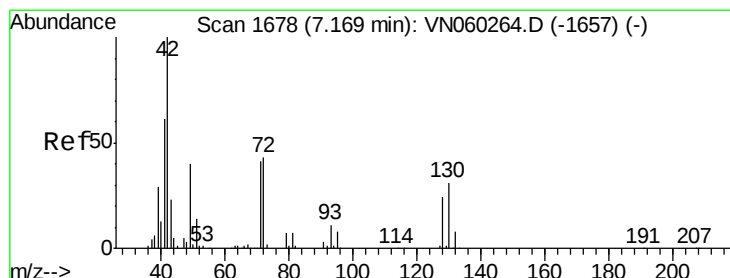
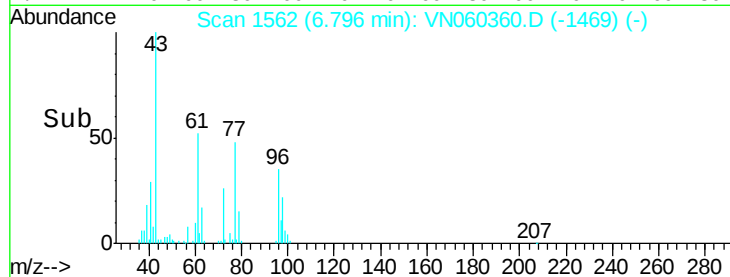
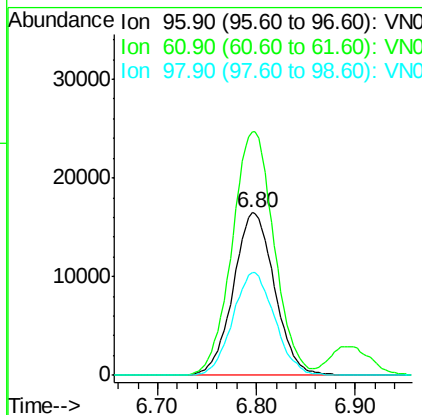
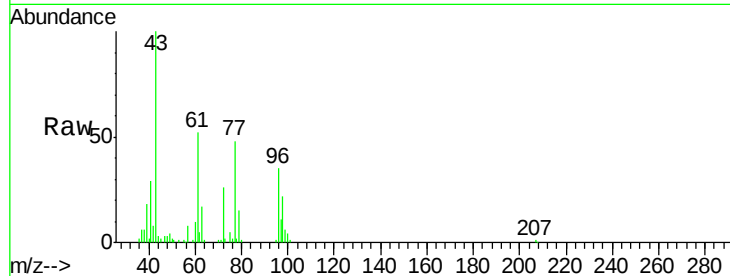
ClientSampleId :

VN0305WBS01

Tot Ion:	96	Resp:	47818
Ion	Ratio	Lower	Upper
96	100		
61	152.6	0.0	300.8
98	64.1	0.0	128.2

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#28

Bromochloromethane

Concen: 17.852 ug/l

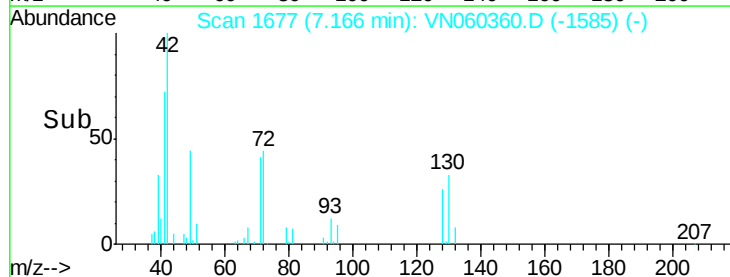
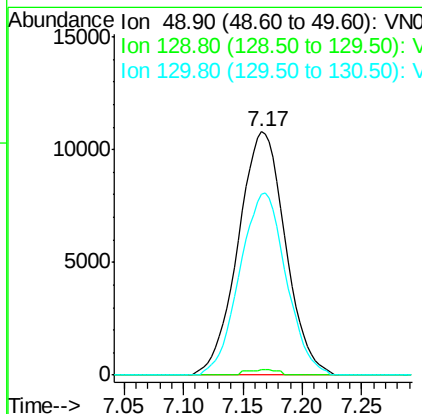
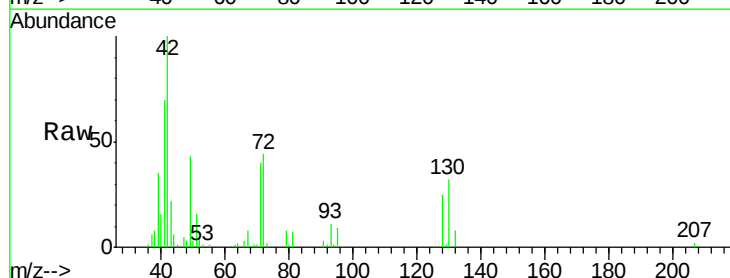
RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

Tgt Ion:	49	Resp:	29717
Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	3.8
130	73.4	59.8	89.8





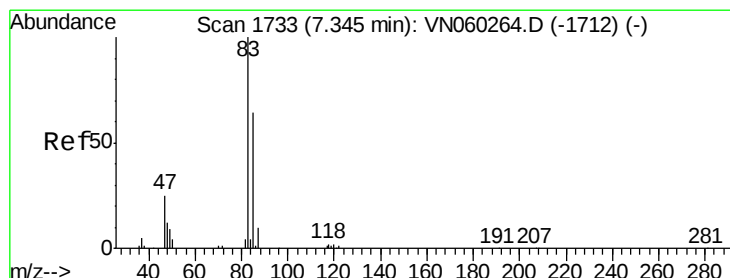
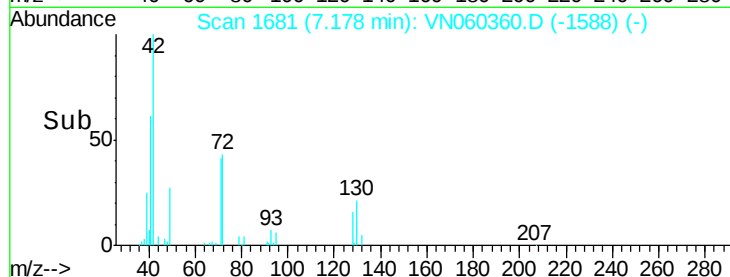
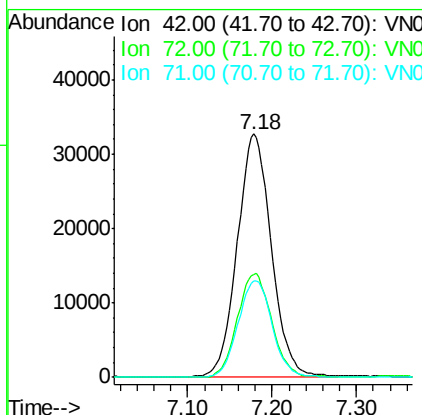
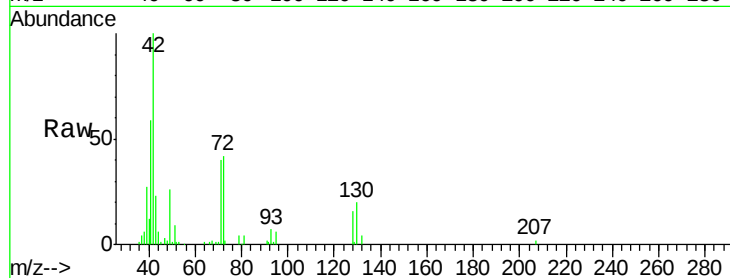
#29
Tetrahydrofuran
Concen: 99.664 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0305WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.5	34.6	52.0
71	39.5	32.9	49.3

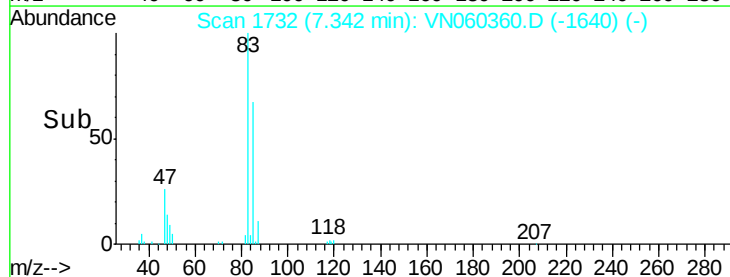
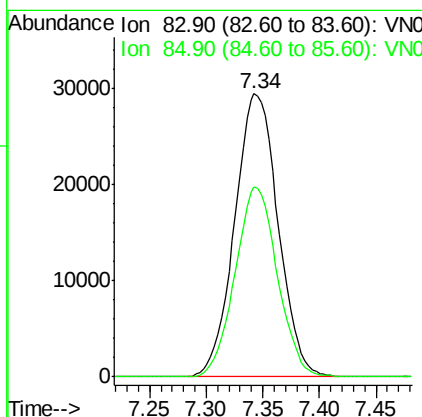
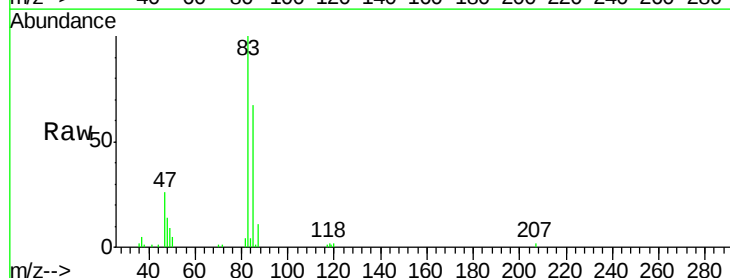
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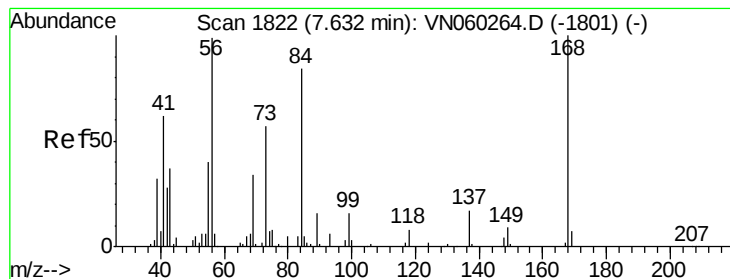
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#30
Chloroform
Concen: 19.458 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.0	51.4	77.2





#31

Cyclohexane

Concen: 19.717 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

Instrument :

MSVOA_N

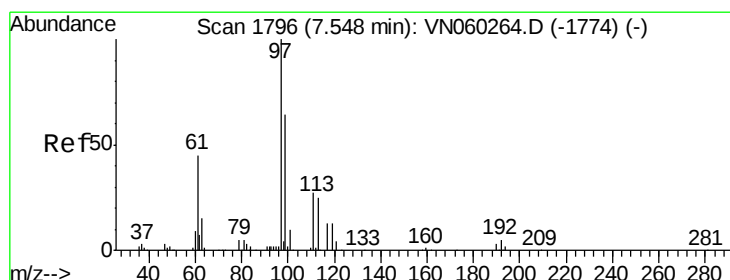
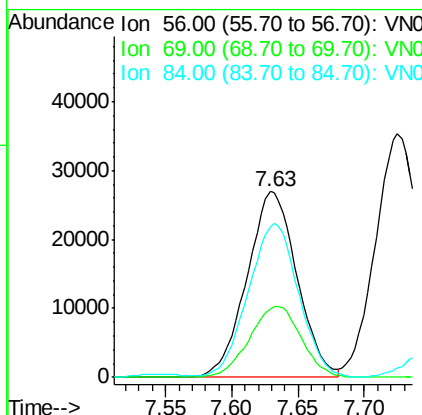
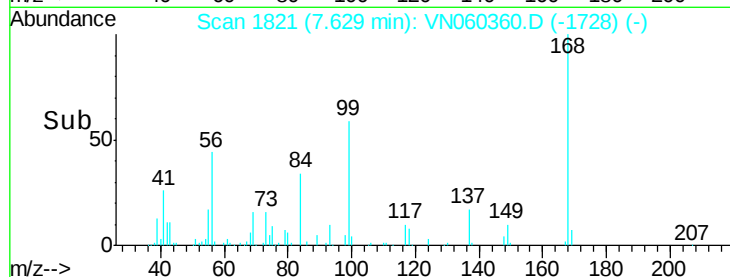
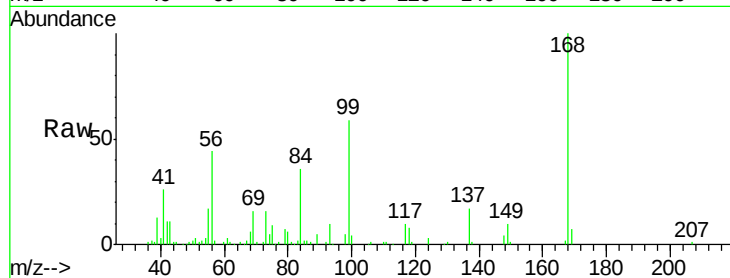
ClientSampleId :

VN0305WBS01

Tot Ion:	56	Resp:	71026
Ion	Ratio	Lower	Upper
56	100		
69	36.6	27.2	40.8
84	80.3	66.7	100.1

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#32

1,1,1-Trichloroethane

Concen: 19.652 ug/l

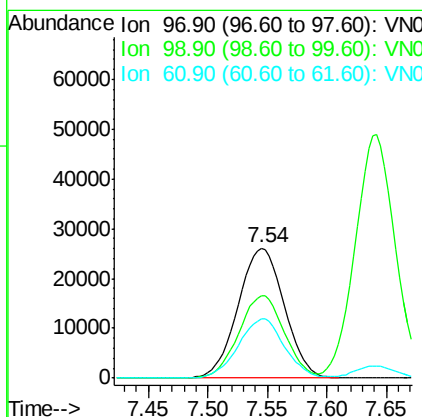
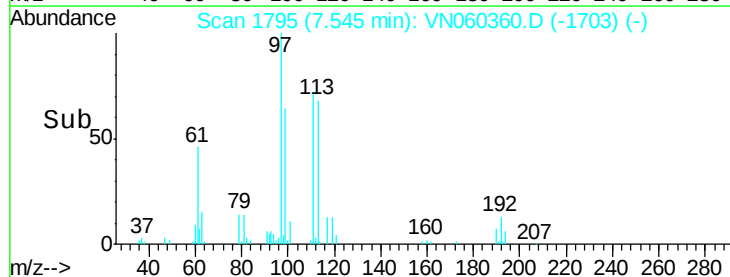
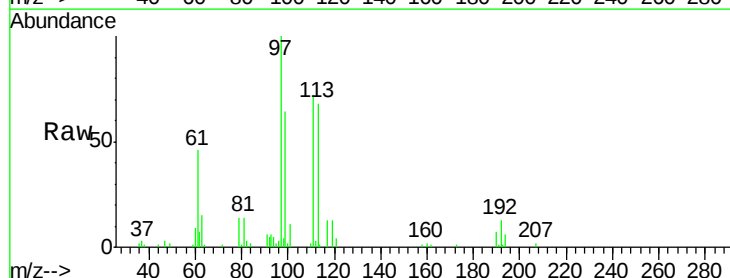
RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

Tgt Ion:	97	Resp:	70275
Ion	Ratio	Lower	Upper
97	100		
99	62.8	51.4	77.0
61	45.5	36.6	55.0





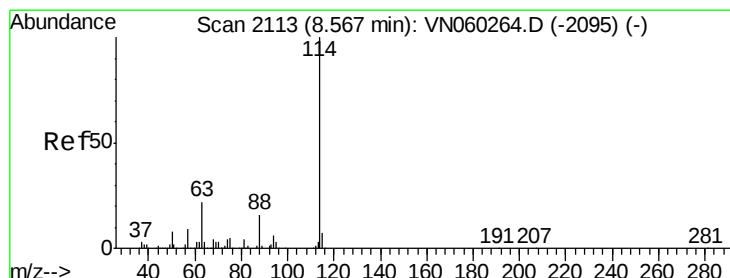
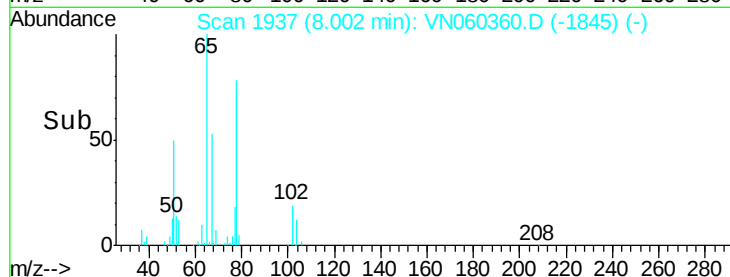
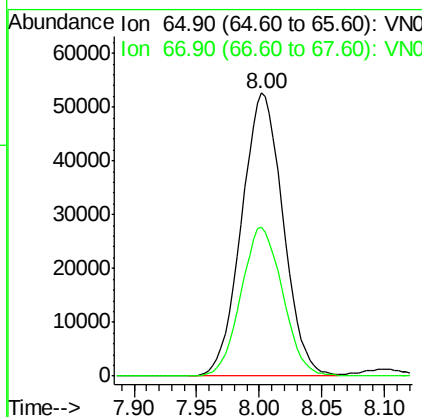
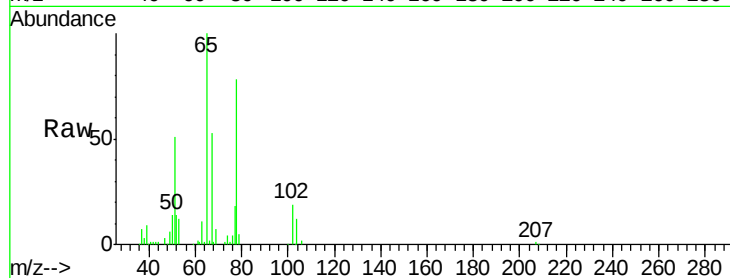
#33
 1,2-Dichloroethane-d4
 Concen: 47.382 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060360.D
 Acq: 5 Mar 2020 12:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0305WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.6	0.0	103.8	

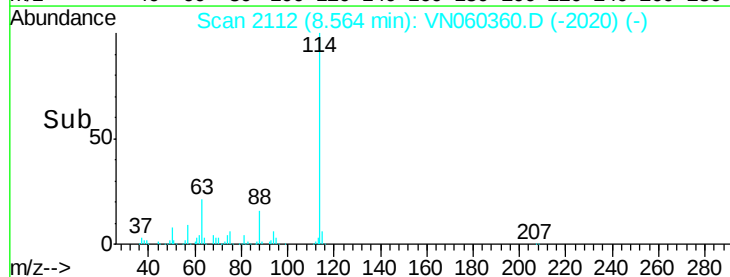
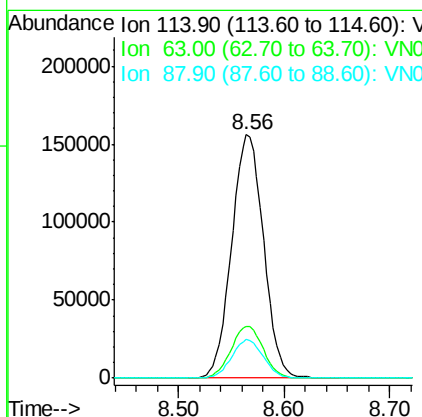
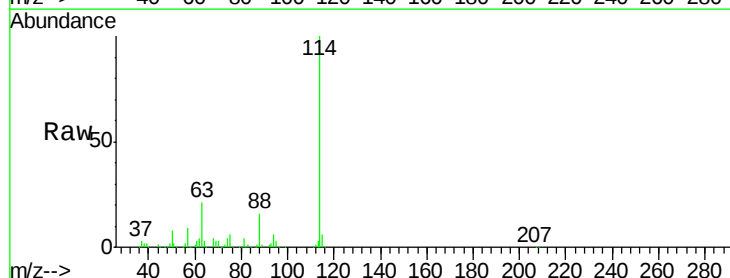
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060360.D
 Acq: 5 Mar 2020 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.4	0.0	43.2	
88	15.7	0.0	31.6	





#35

Dibromofluoromethane

Concen: 55.532 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

Instrument :

MSVOA_N

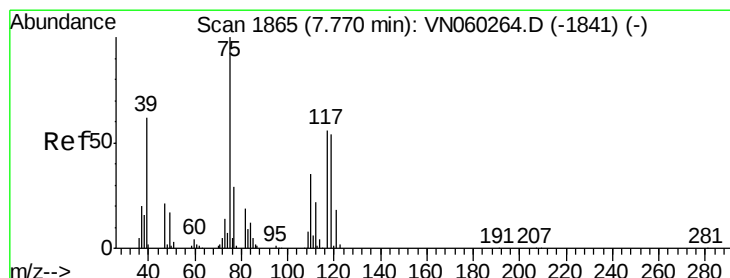
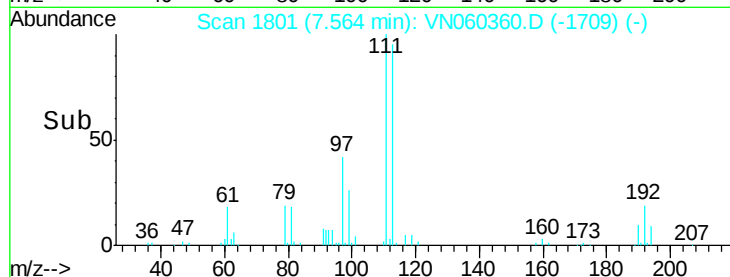
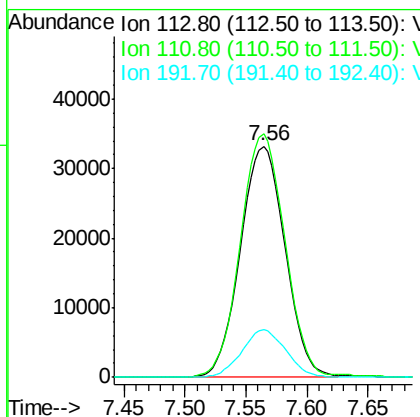
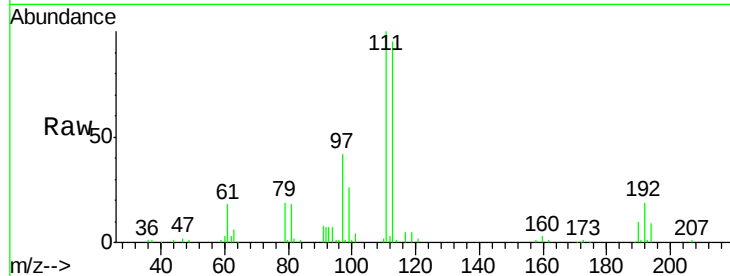
ClientSampleId :

VN0305WBS01

Tot Ion:	113	Resp:	84296
Ion	Ratio	Lower	Upper
113	100		
111	104.8	82.4	123.6
192	20.3	16.2	24.2

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#36

1,1-Dichloropropene

Concen: 18.685 ug/l

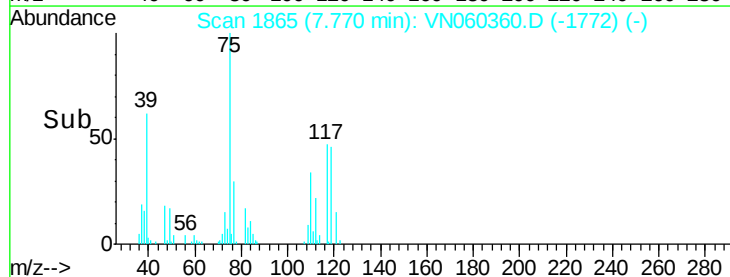
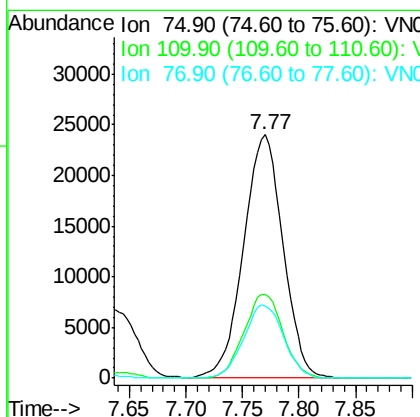
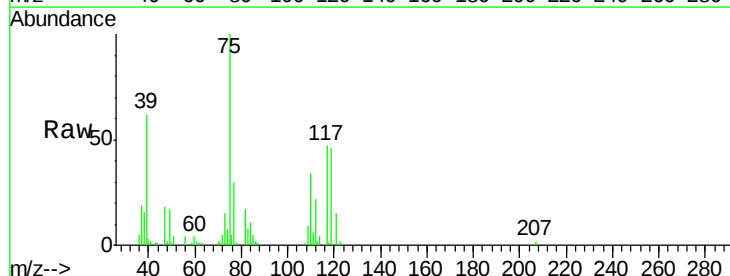
RT: 7.77 min Scan# 1865

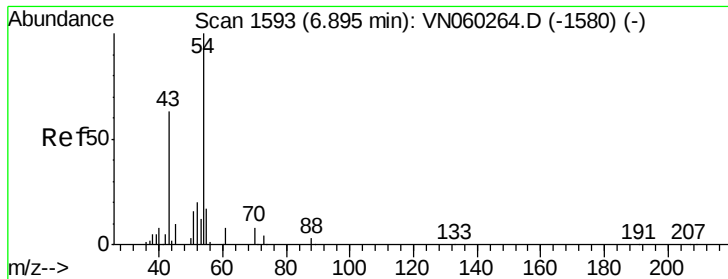
Delta R.T. 0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

Tgt Ion:	75	Resp:	58238
Ion	Ratio	Lower	Upper
75	100		
110	34.0	17.3	52.0
77	30.4	24.2	36.2





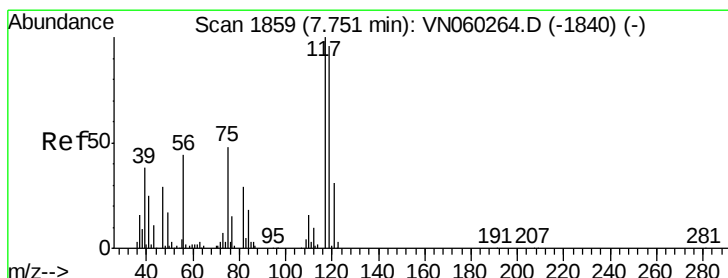
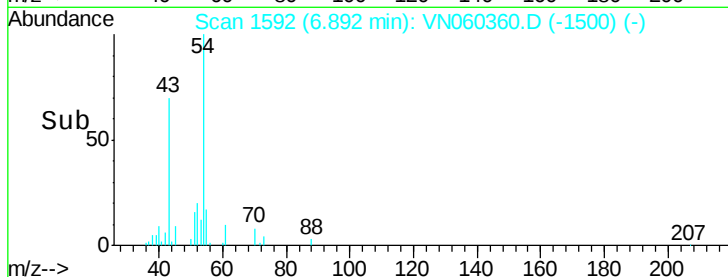
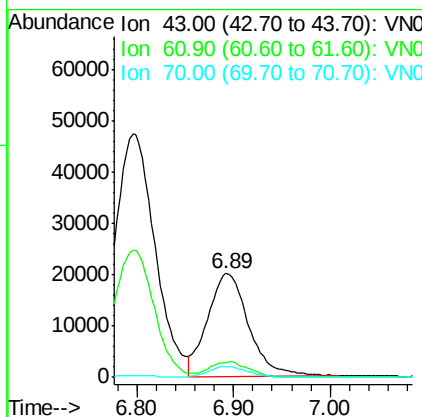
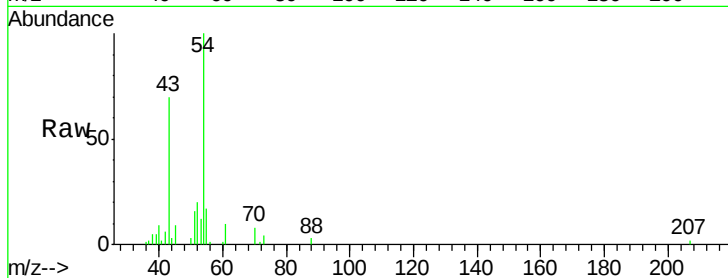
#37
Ethyl Acetate
Concen: 19.996 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Instrument :
MSVOA_N
ClientSampled :
VN0305WBS01

Tot Ion	43	Ratio	Lower	Upper
43	100			
61	14.4	11.1	16.7	
70	9.9	8.4	12.6	

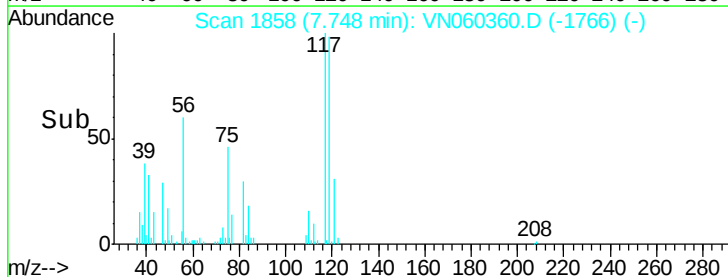
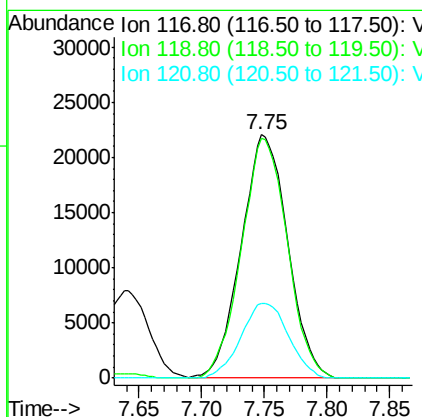
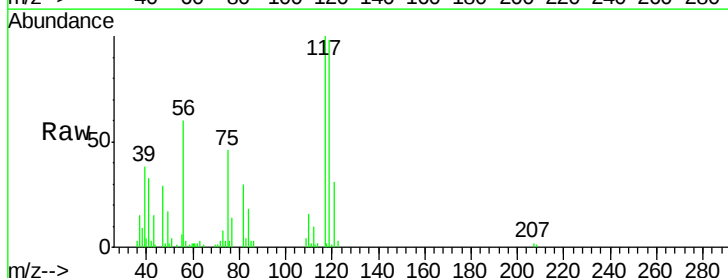
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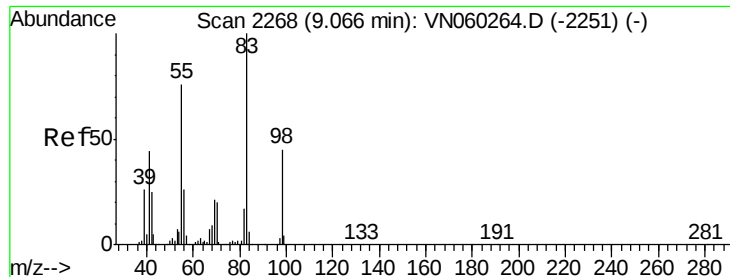
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#38
Carbon Tetrachloride
Concen: 18.731 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Tgt Ion	117	Ratio	Lower	Upper
117	100			
119	98.5	76.7	115.1	
121	30.9	24.5	36.7	





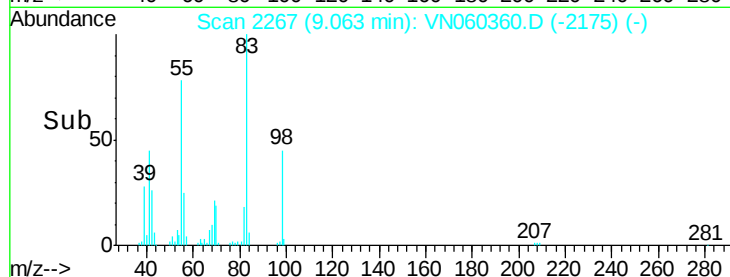
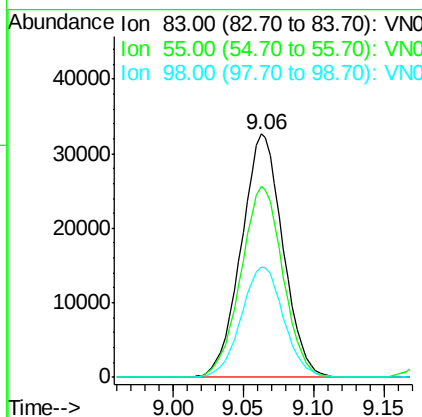
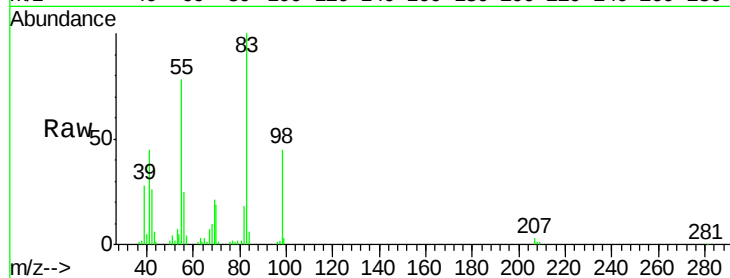
#39
Methvlcvclohexane
Concen: 18.307 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0305WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.4	61.0	91.4
98	45.3	36.1	54.1

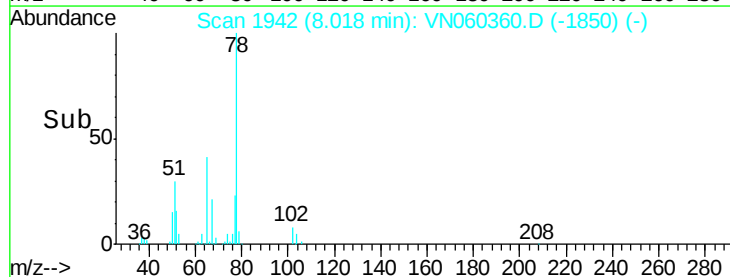
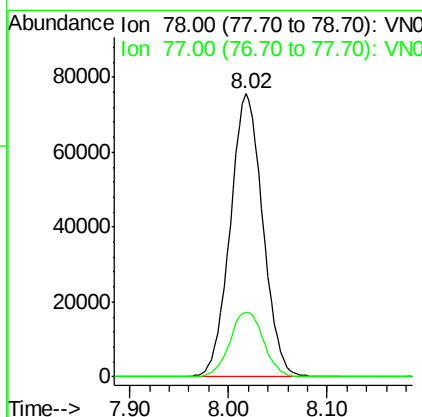
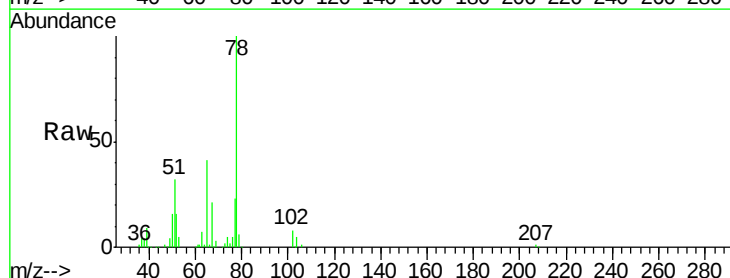
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#40
Benzene
Concen: 19.145 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.8	28.2





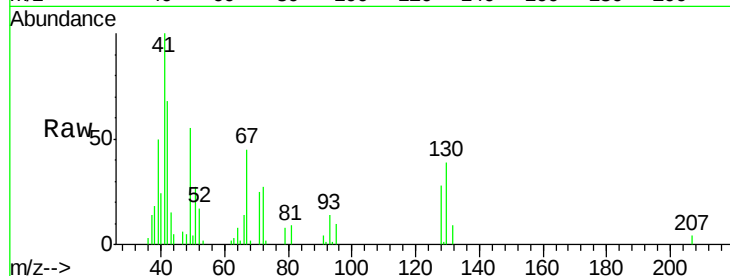
#41
Methacrylonitrile
Concen: 21.324 ug/l m
RT: 7.15 min Scan# 1672
Delta R.T. 0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Instrument :
MSVOA_N
ClientSampled :
VN0305WBS01

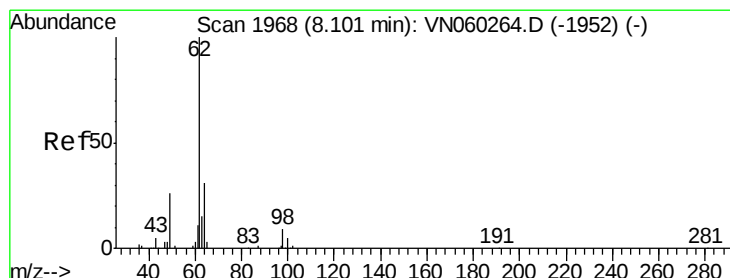
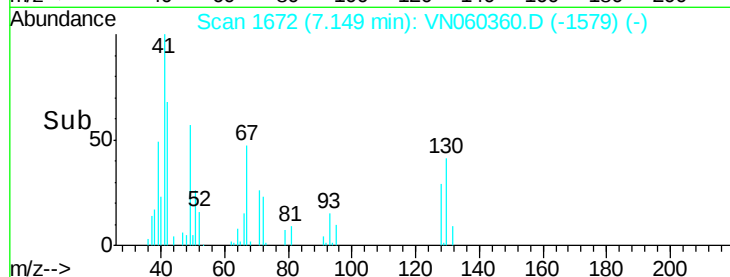
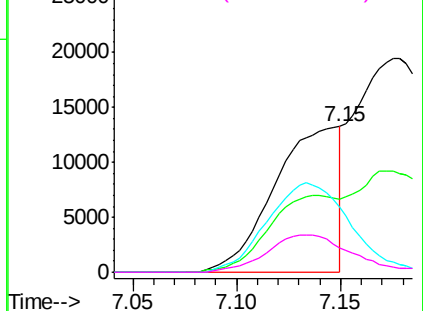
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

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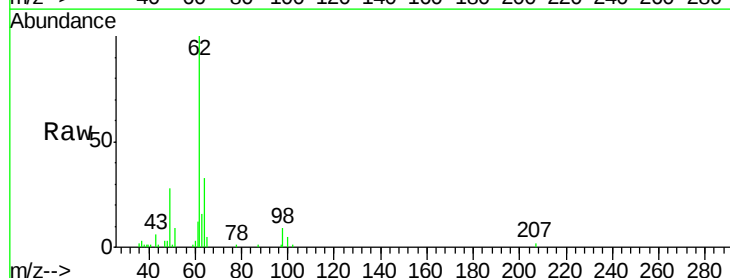


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

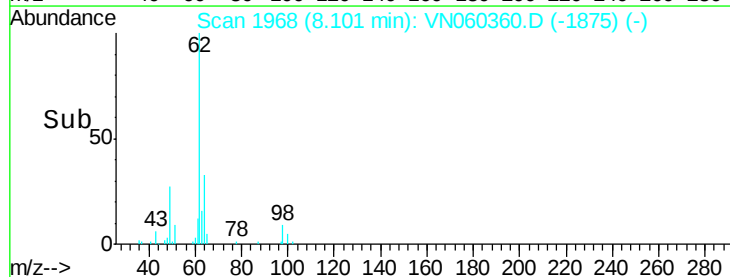
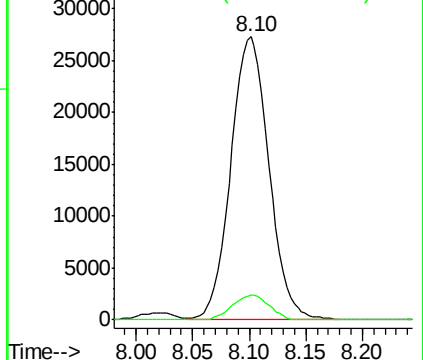


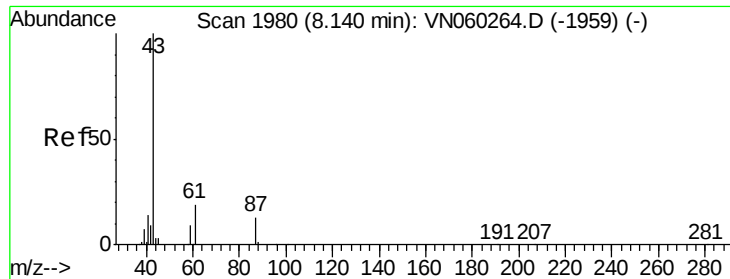
#42
1,2-Dichloroethane
Concen: 19.588 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.0



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





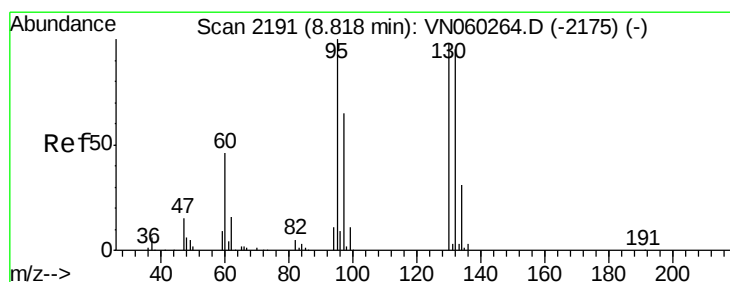
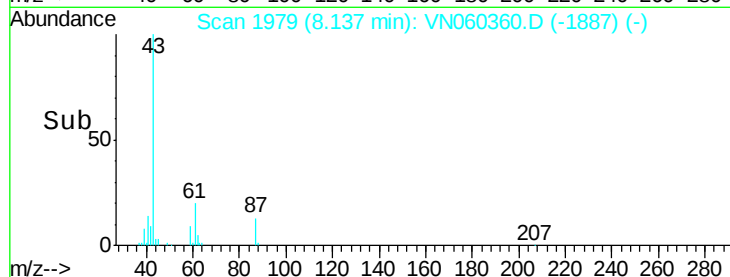
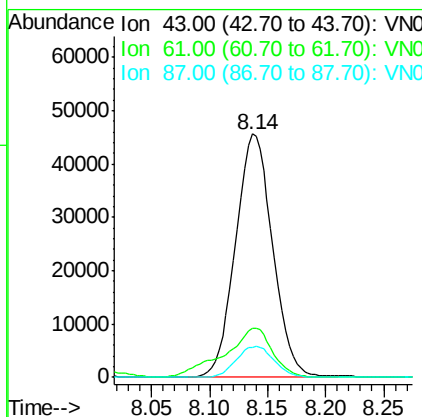
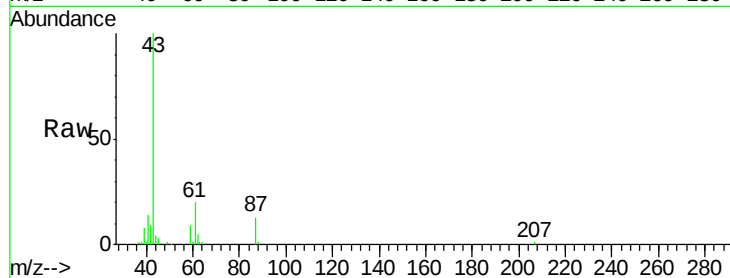
#43
Isopropyl Acetate
Concen: 19.686 ug/l
RT: 8.14 min Scan# 1979
Delta R.T. -0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0305WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	26.1	20.9	31.3
87	12.8	10.6	16.0

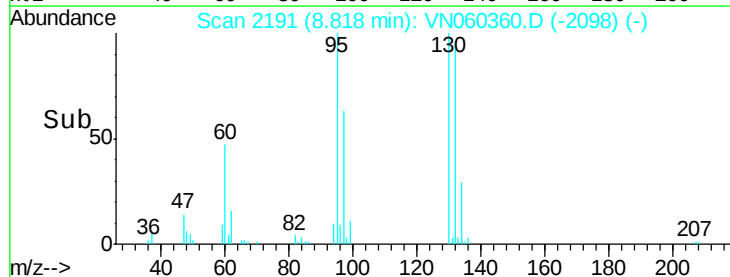
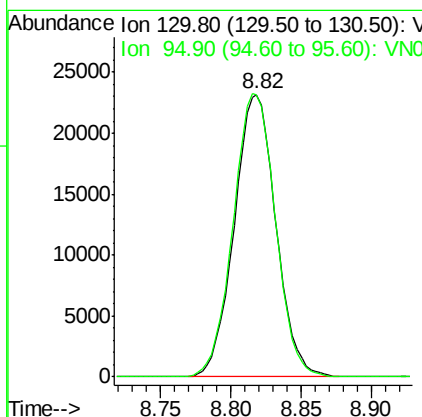
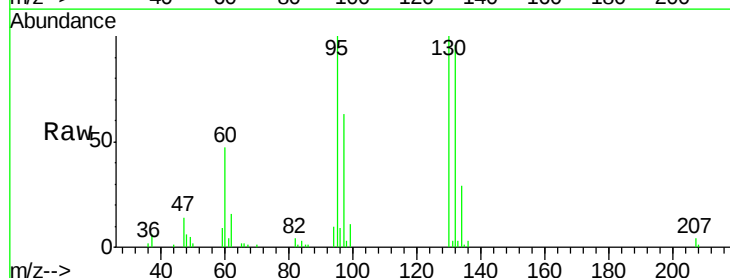
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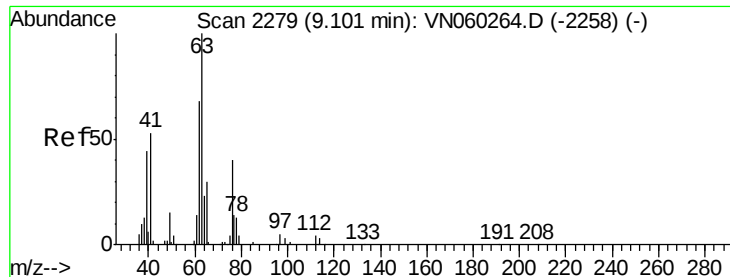
MMDadoda
3/6/2020 11:18:13 AM



#44
Trichloroethene
Concen: 18.954 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. 0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.9	0.0	203.4





#45

1,2-Dichloropropane

Concen: 20.337 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

Instrument :

MSVOA_N

ClientSampled :

VN0305WBS01

Tot Ion: 63 Resp: 48236

Ion Ratio Lower Upper

63 100

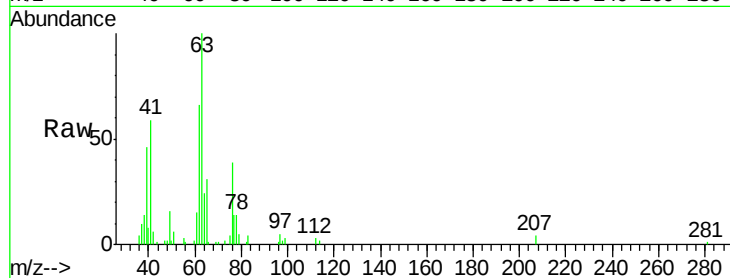
65 30.5 24.4 36.6

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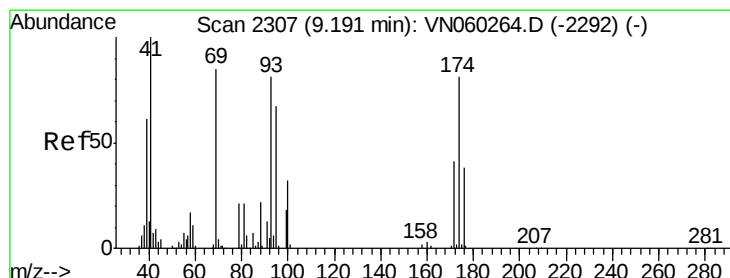
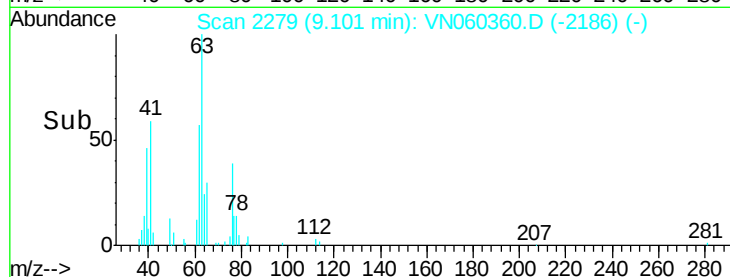
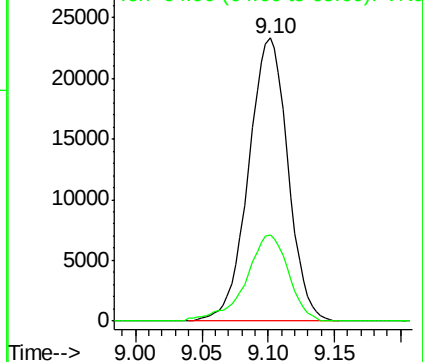
MMDadoda

3/6/2020 11:18:13 AM



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 19.050 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

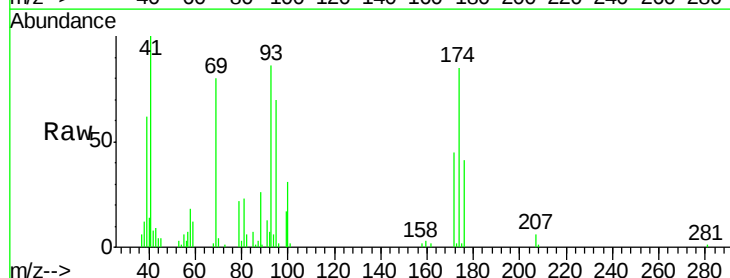
Tgt Ion: 93 Resp: 29317

Ion Ratio Lower Upper

93 100

95 84.5 65.9 98.9

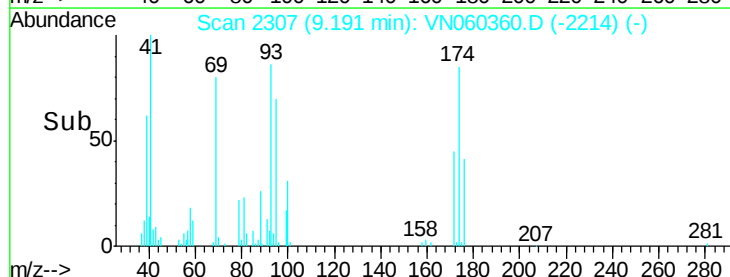
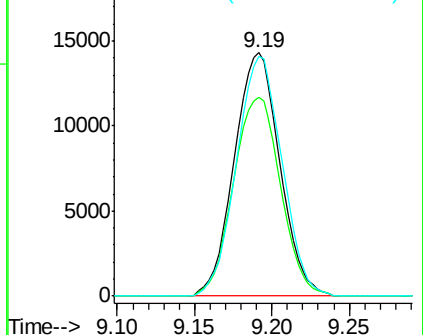
174 98.5 79.6 119.4

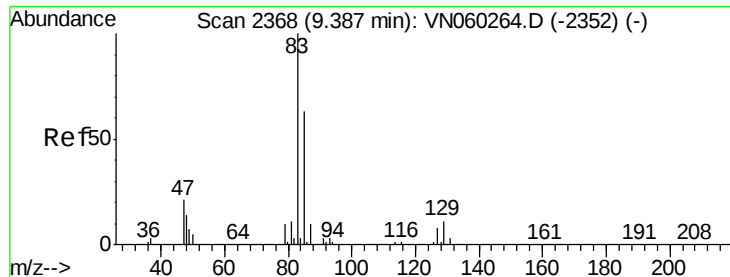


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





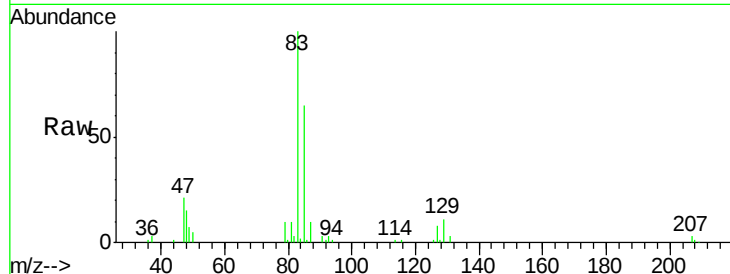
#47
Bromodichloromethane
Concen: 20.034 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0305WBS01

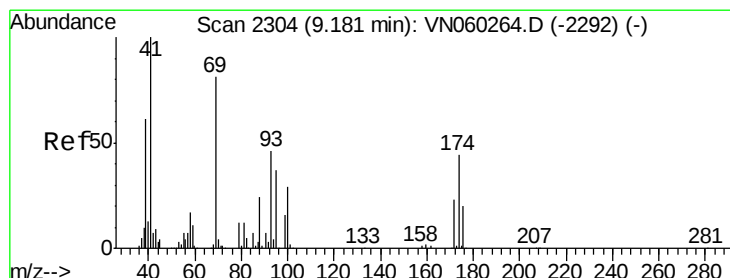
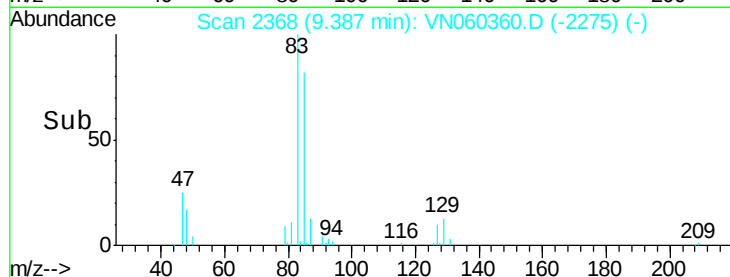
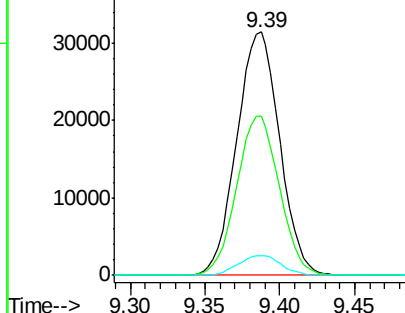
Tot Ion	Ratio	Lower	Upper
83	100		
85	65.1	50.7	76.1
127	8.2	6.8	10.2

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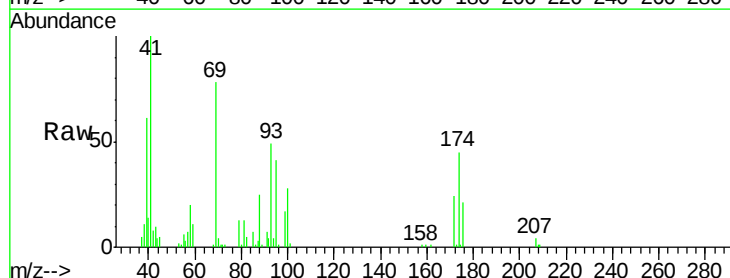


Abundance Ion 82.90 (82.60 to 83.60): VN060360.D (-2275) (-)
Ion 84.90 (84.60 to 85.60): VN060360.D (-2275) (-)
Ion 126.80 (126.50 to 127.50): VN060360.D (-2275) (-)

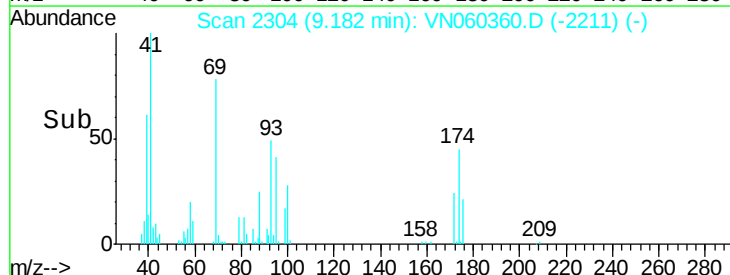
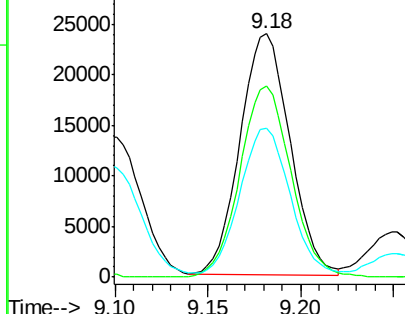


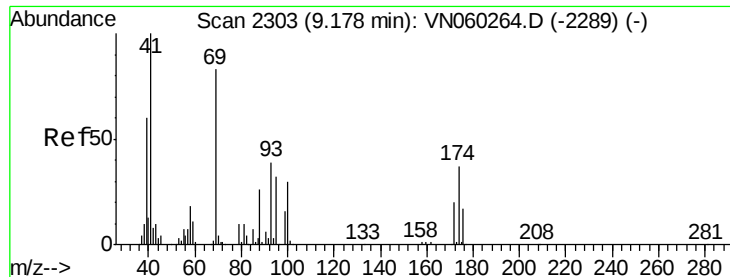
#48
Methyl methacrylate
Concen: 18.885 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Tgt Ion	Ratio	Lower	Upper
41	100		
69	81.3	66.7	100.1
39	60.3	50.1	75.1



Abundance Ion 41.00 (40.70 to 41.70): VN060360.D (-2211) (-)
Ion 69.00 (68.70 to 69.70): VN060360.D (-2211) (-)
Ion 39.00 (38.70 to 39.70): VN060360.D (-2211) (-)





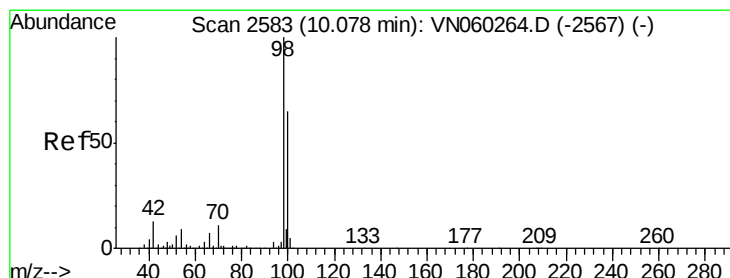
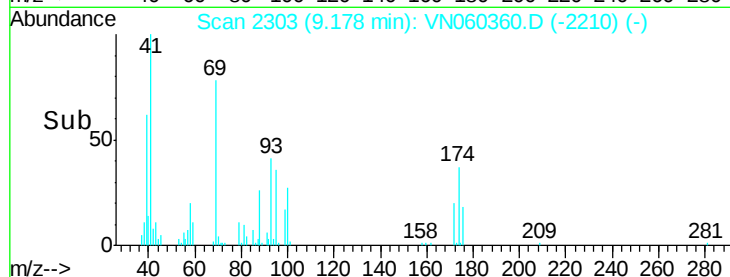
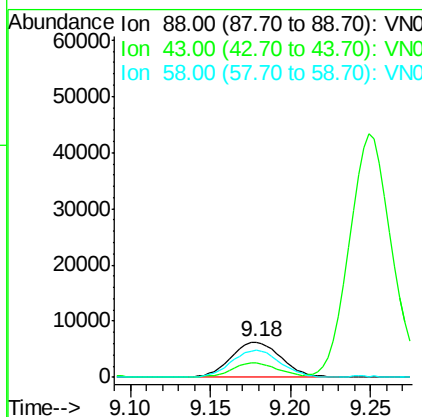
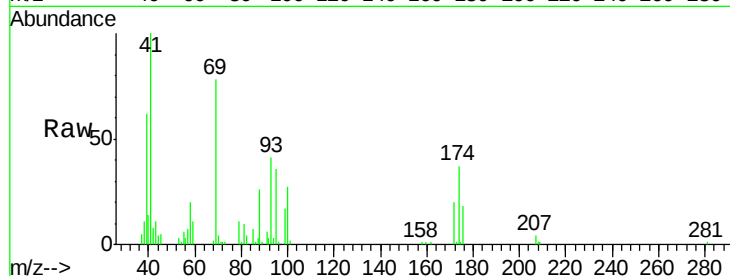
#49
1,4-Dioxane
Concen: 406.190 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0305WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.7	30.4	45.6
58	74.7	57.0	85.6

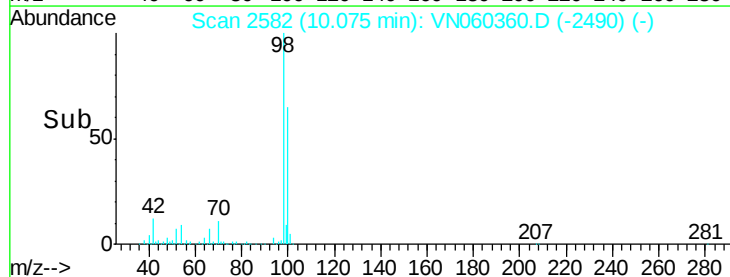
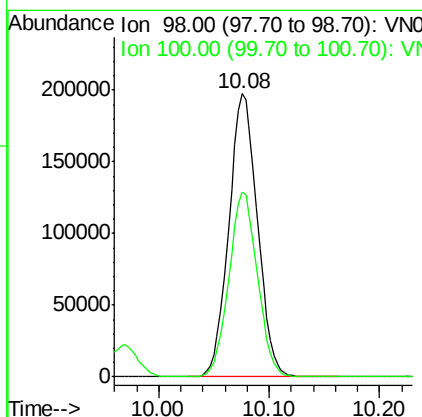
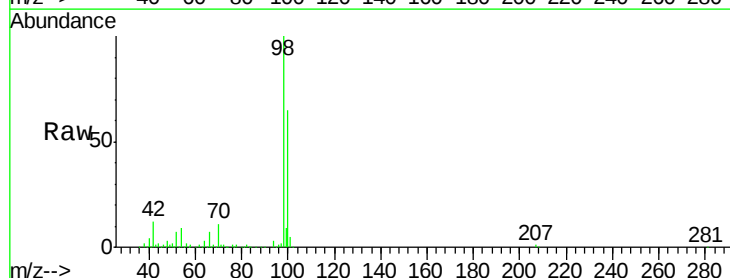
Manual Integrations
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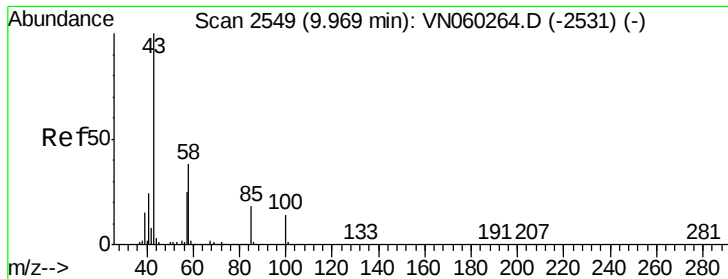
MMDadoda
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#50
Toluene-d8
Concen: 46.172 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.2	78.2





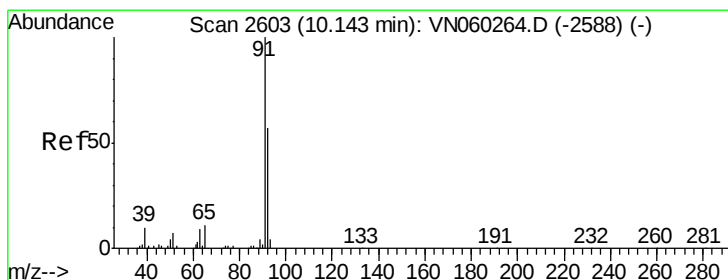
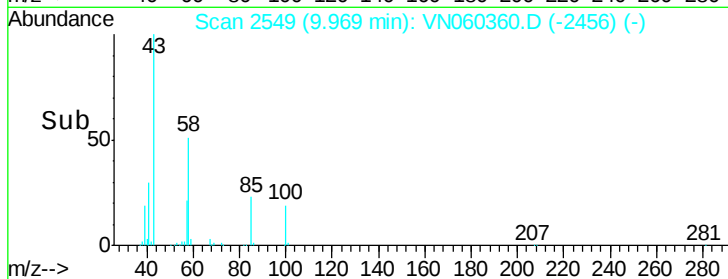
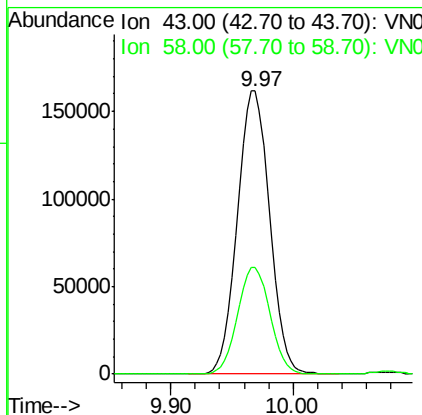
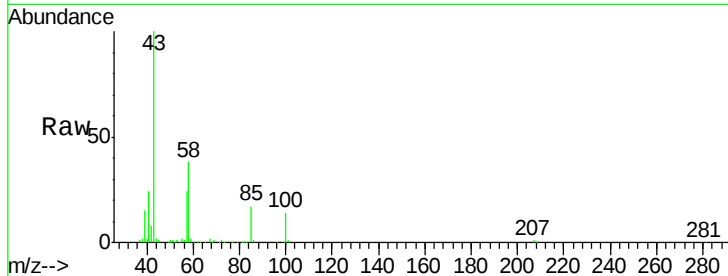
#51
4-Methyl-2-Pentanone
Concen: 100.951 ug/l
RT: 9.97 min Scan# 2549
Delta R.T. 0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0305WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	37.8	30.9	46.3

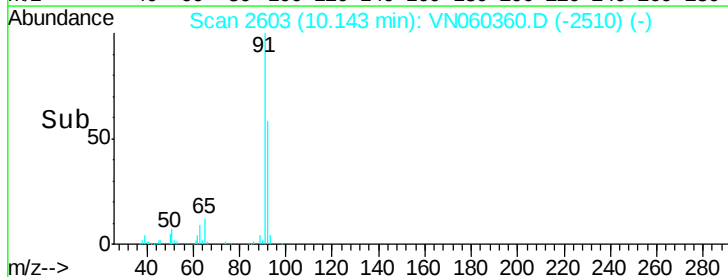
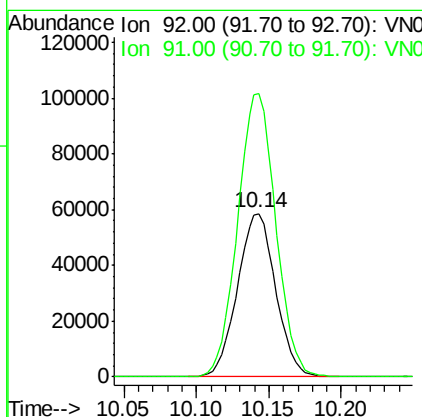
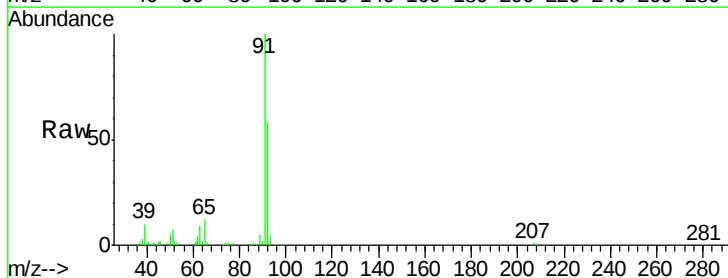
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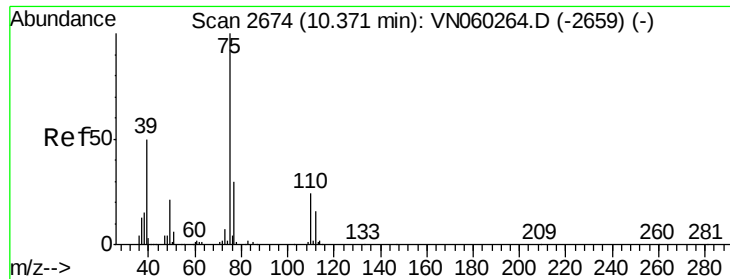
MMDadoda
3/6/2020 11:18:13 AM



#52
Toluene
Concen: 18.817 ug/l
RT: 10.14 min Scan# 2603
Delta R.T. 0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.3	138.1	207.1





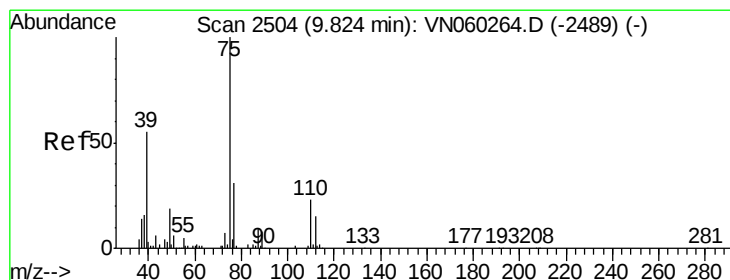
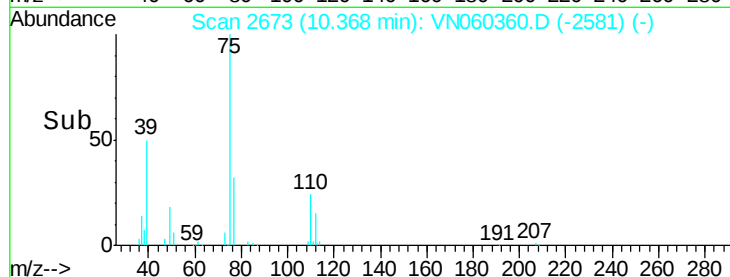
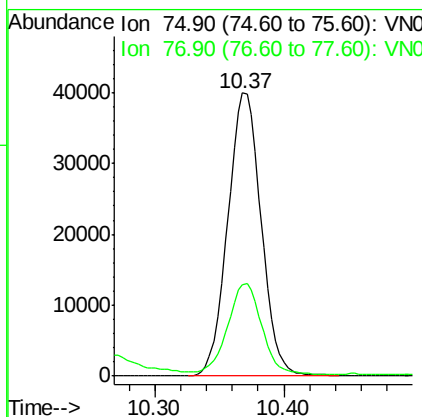
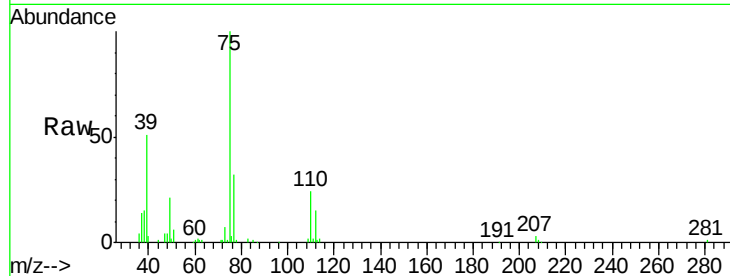
#53
t-1,3-Dichloropropene
Concen: 18.717 ug/l
RT: 10.37 min Scan# 2673
Delta R.T. -0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Instrument :
MSVOA_N
ClientSampled :
VN0305WBS01

Tot Ion: 75 Resp: 71785
Ion Ratio Lower Upper
75 100
77 31.6 24.8 37.2

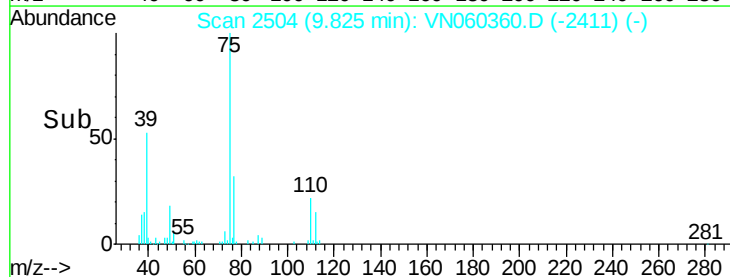
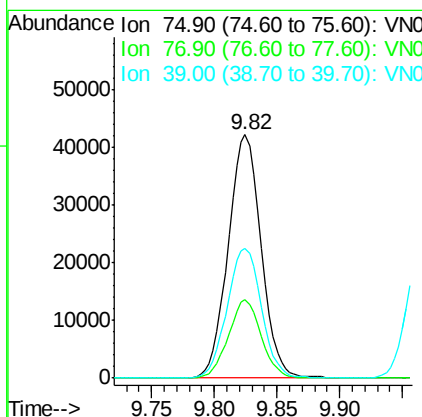
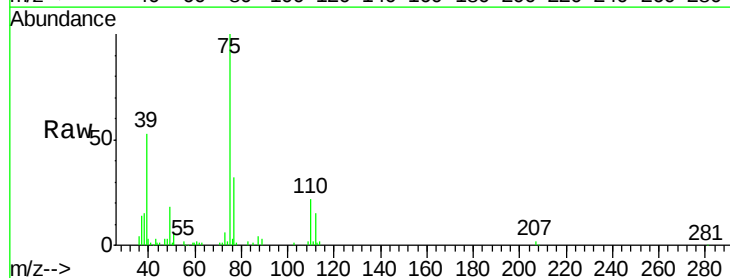
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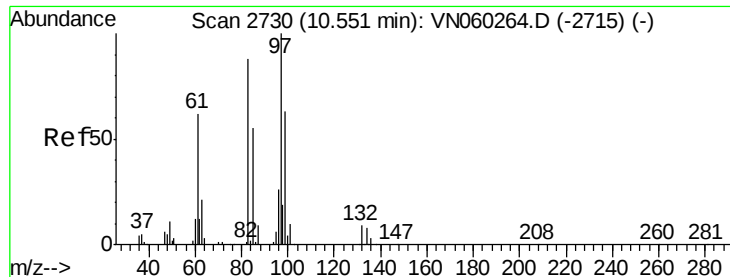
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 19.335 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. 0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Tgt Ion: 75 Resp: 76842
Ion Ratio Lower Upper
75 100
77 32.0 24.8 37.2
39 53.1 43.8 65.8





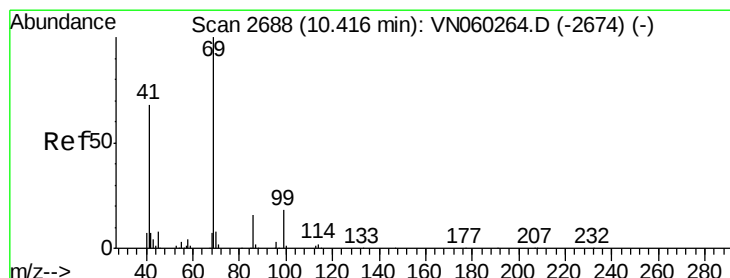
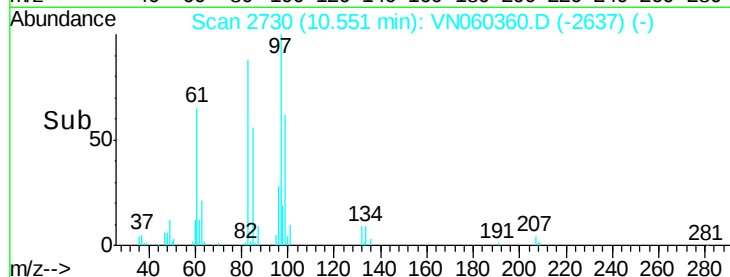
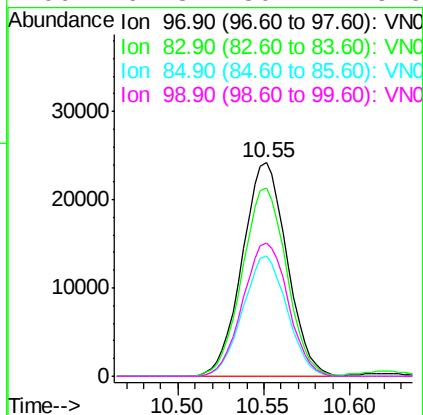
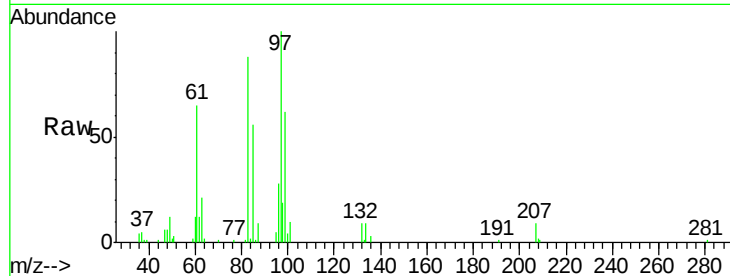
#55
 1,1,2-Trichloroethane
 Concen: 19.026 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN060360.D
 Acq: 5 Mar 2020 12:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0305WBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	88.0	70.0	105.0
85	56.2	44.0	66.0
99	62.3	50.4	75.6

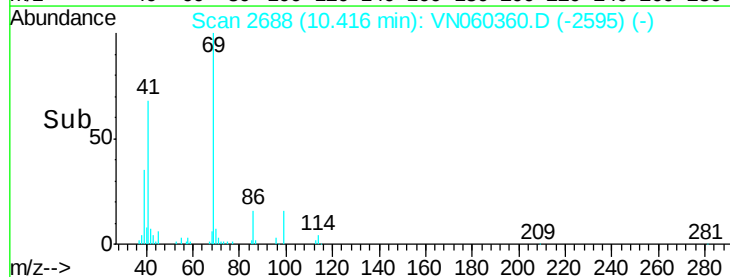
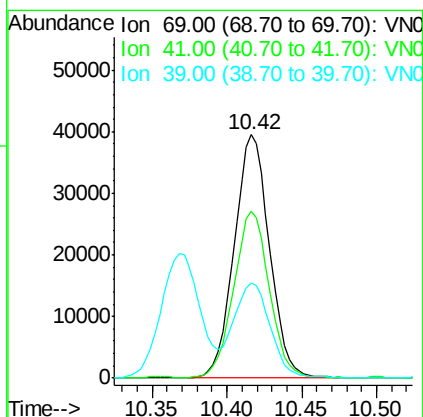
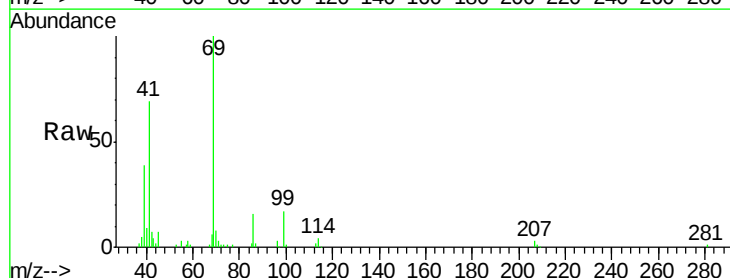
Manual Integrations
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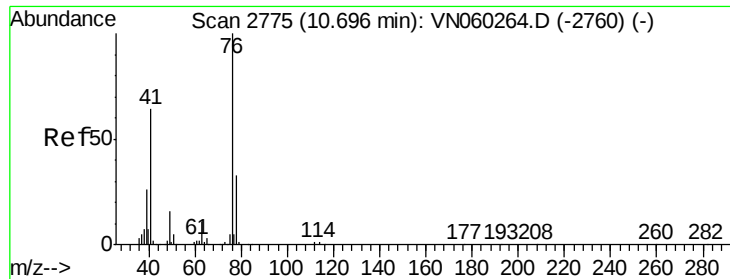
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 3/6/2020 11:18:13 AM



#56
 Ethyl methacrylate
 Concen: 19.664 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN060360.D
 Acq: 5 Mar 2020 12:21

Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.6	54.1	81.1
39	41.2	32.5	48.7





#57

1,3-Dichloropropane

Concen: 19.922 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0305WBS01

Tot Ion: 76 Resp: 74450

Ion Ratio Lower Upper

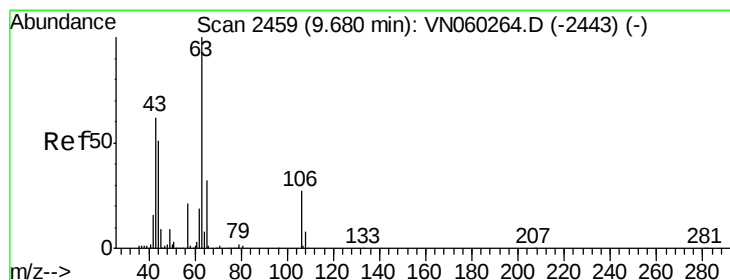
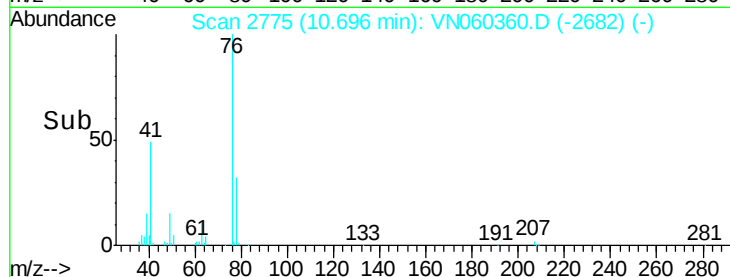
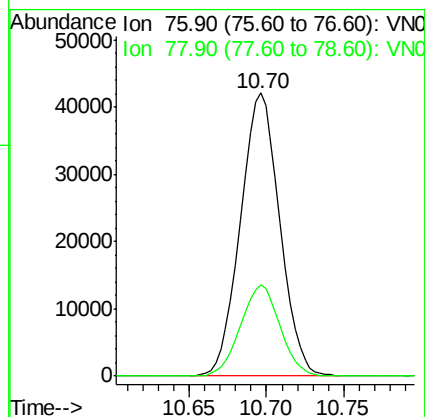
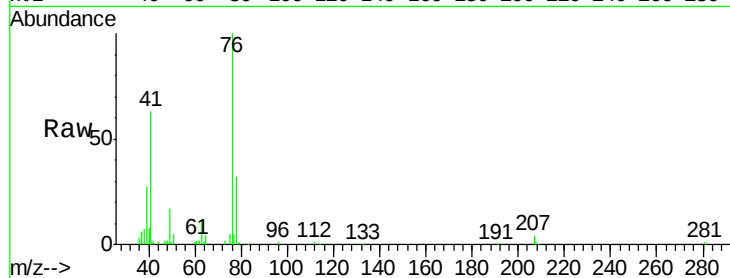
76 100

78 32.3 26.2 39.2

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 90.056 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN060360.D

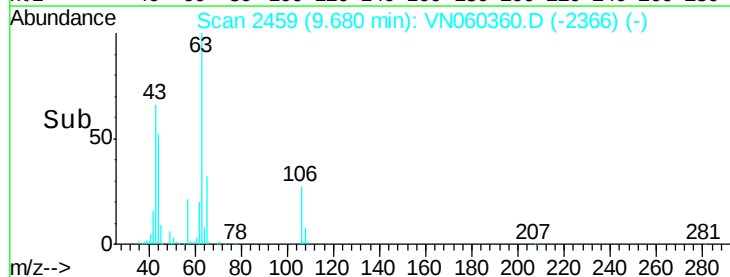
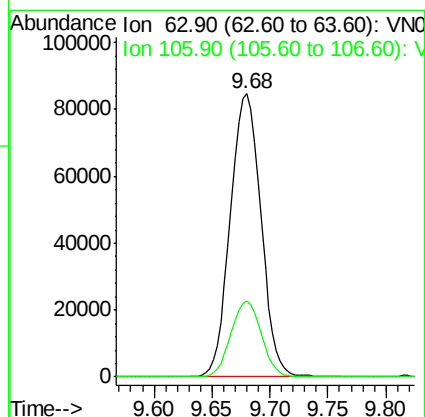
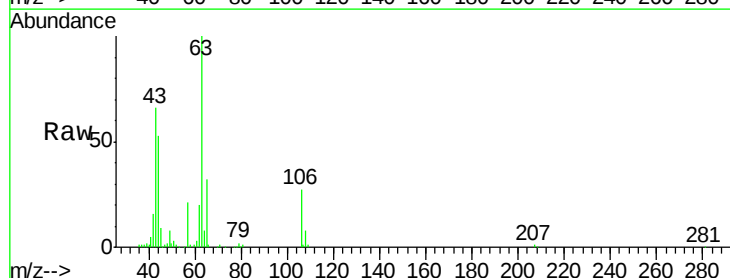
Acq: 5 Mar 2020 12:21

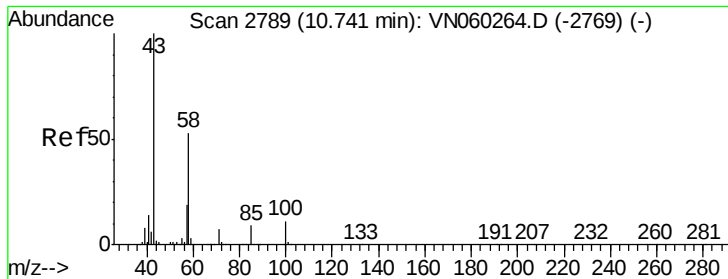
Tgt Ion: 63 Resp: 155064

Ion Ratio Lower Upper

63 100

106 26.5 21.1 31.7





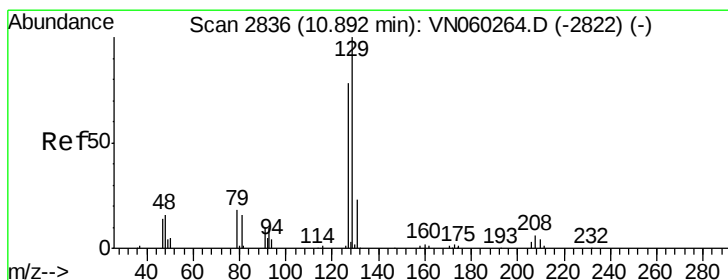
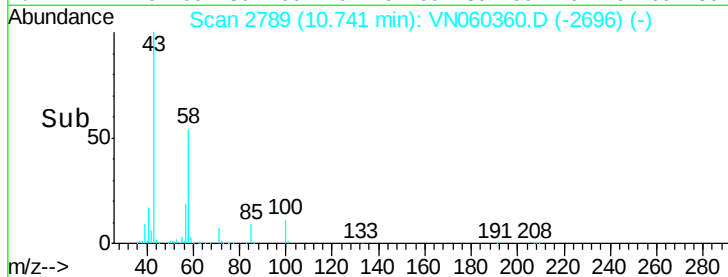
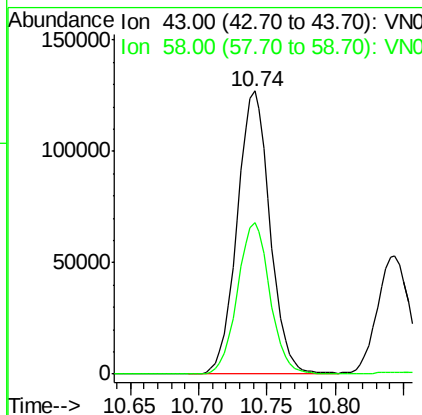
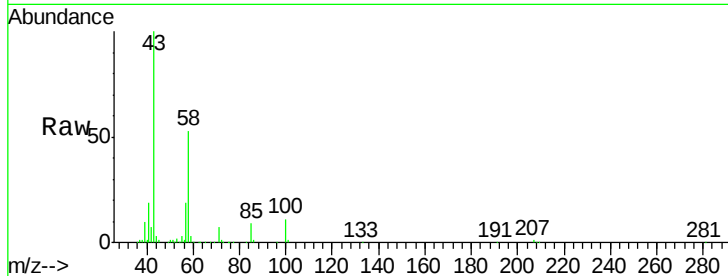
#59
2-Hexanone
Concen: 98.614 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Instrument :
MSVOA_N
ClientSampled :
VN0305WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.0	26.5	79.5

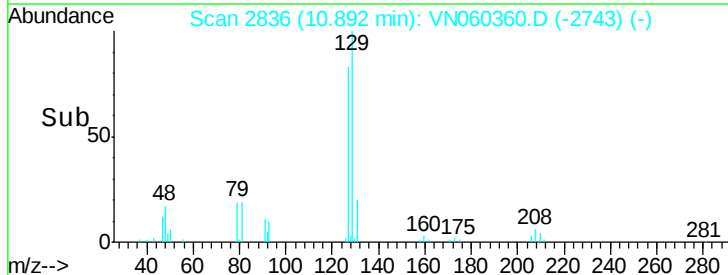
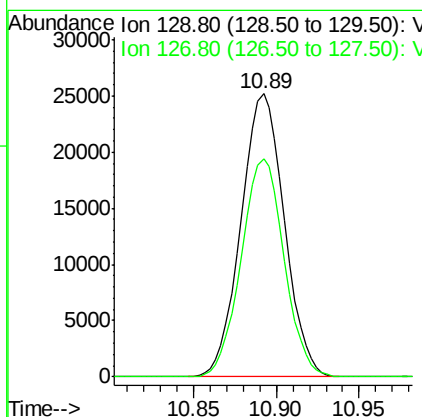
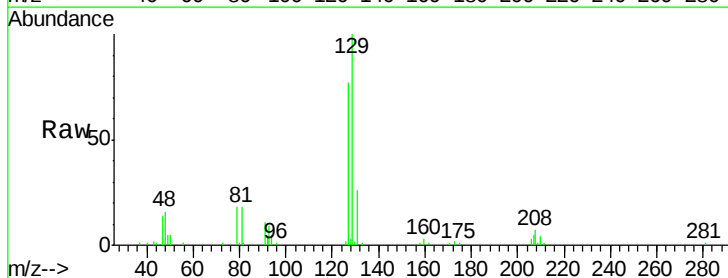
Manual Integrations
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#60
Dibromochloromethane
Concen: 19.690 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.3	38.9	116.7





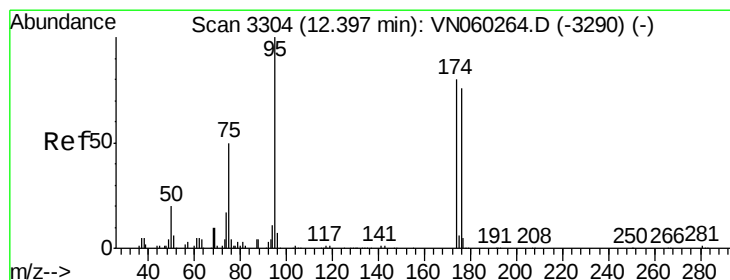
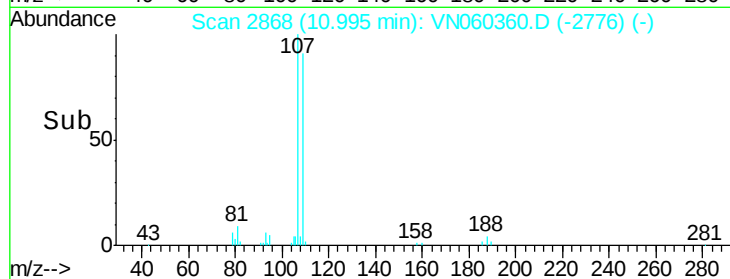
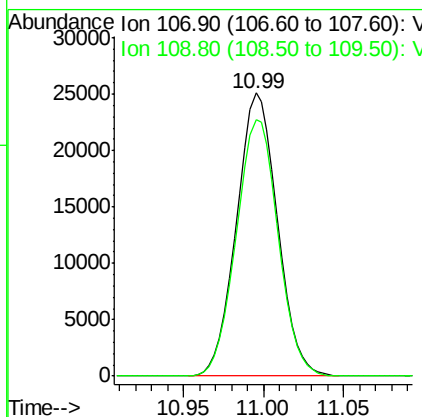
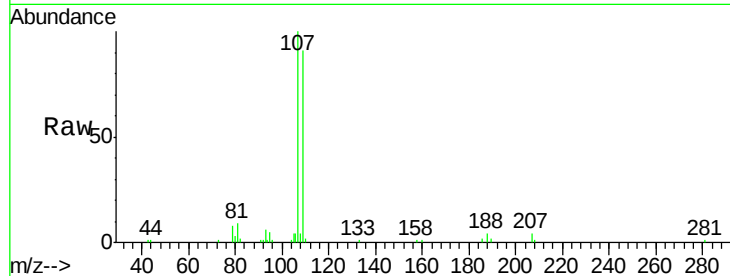
#61
 1,2-Dibromoethane
 Concen: 19.537 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060360.D
 Acq: 5 Mar 2020 12:21

Instrument :
 MSVOA_N
 ClientSampled :
 VN0305WBS01

Tot Ion: 107 Resp: 43643
 Ion Ratio Lower Upper
 107 100
 109 92.9 76.8 115.2

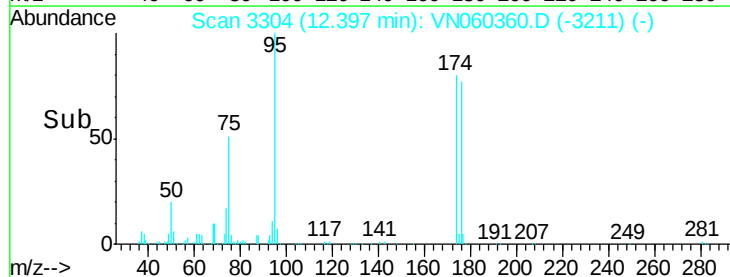
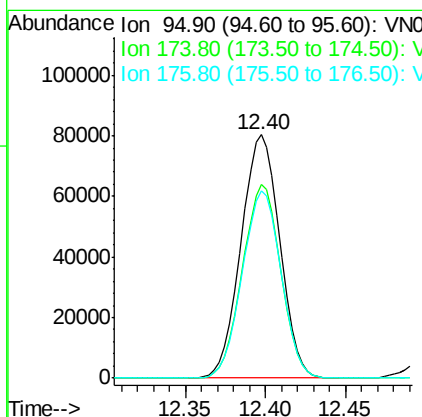
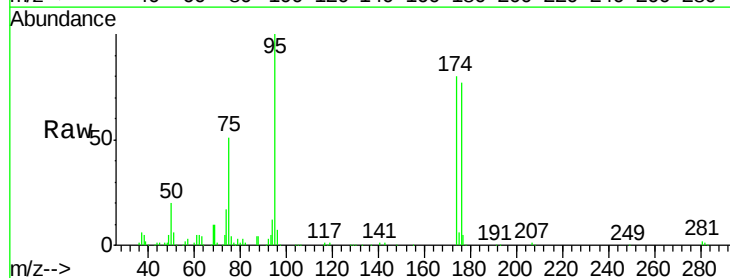
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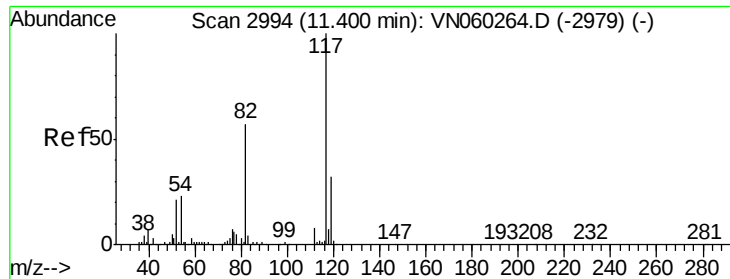
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#62
 4-Bromofluorobenzene
 Concen: 45.601 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN060360.D
 Acq: 5 Mar 2020 12:21

Tgt Ion: 95 Resp: 132805
 Ion Ratio Lower Upper
 95 100
 174 79.0 0.0 159.2
 176 77.2 0.0 153.8





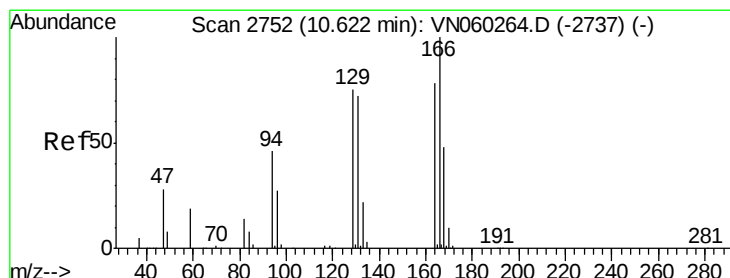
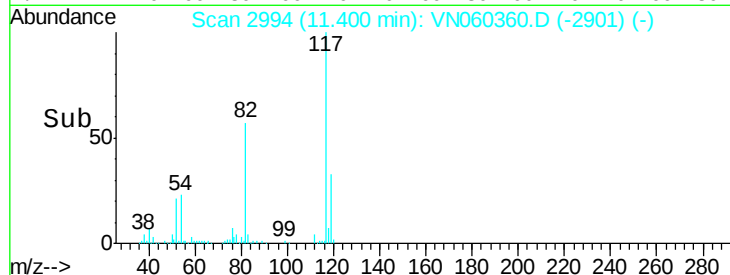
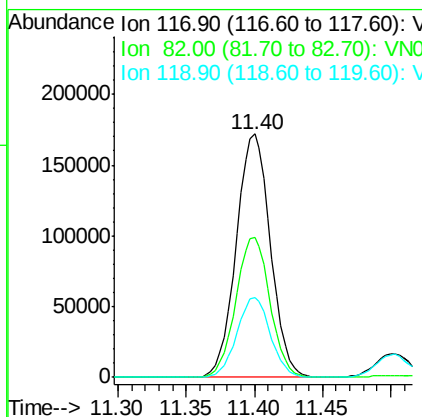
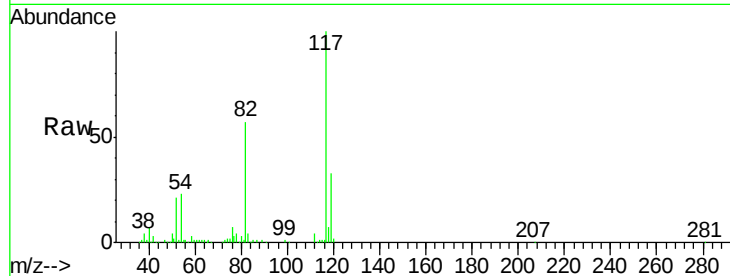
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0305WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	298459		
82	57.4		45.8	68.6
119	33.0		25.8	38.8

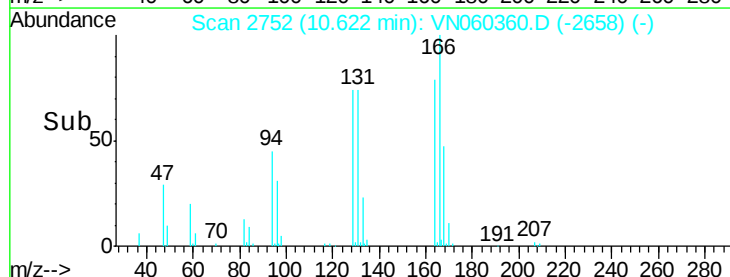
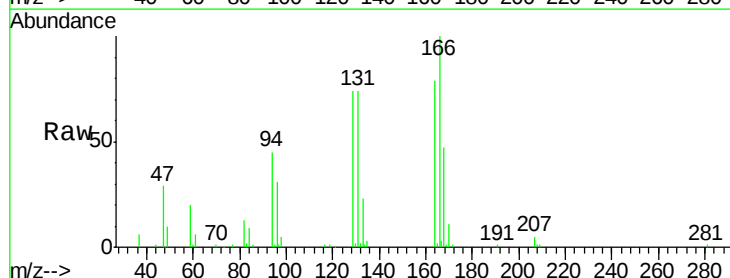
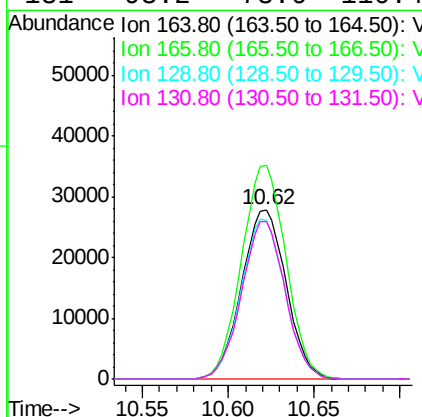
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#64
Tetrachloroethene
Concen: 20.396 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	49897		
166	126.1		102.0	153.0
129	93.5		76.4	114.6
131	93.2		73.6	110.4





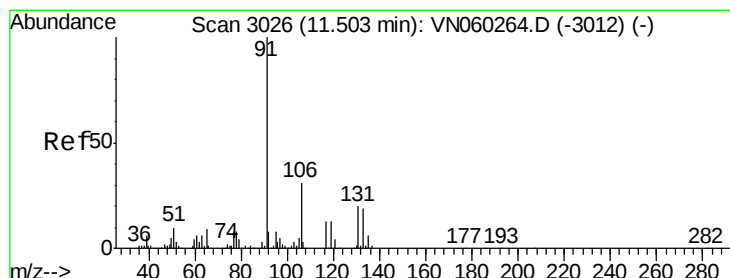
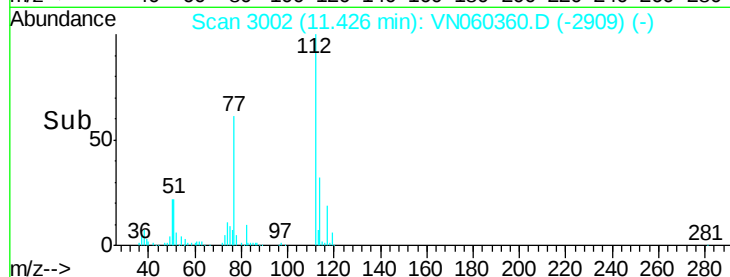
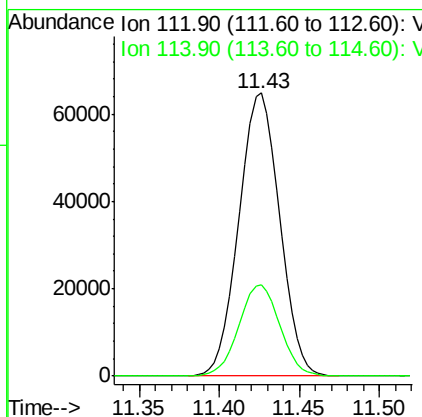
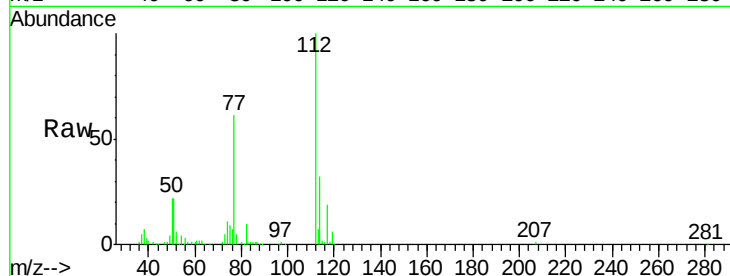
#65
Chlorobenzene
Concen: 18.711 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Instrument :
MSVOA_N
ClientSampled :
VN0305WBS01

Tot Ion:112 Resp: 112765
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.0

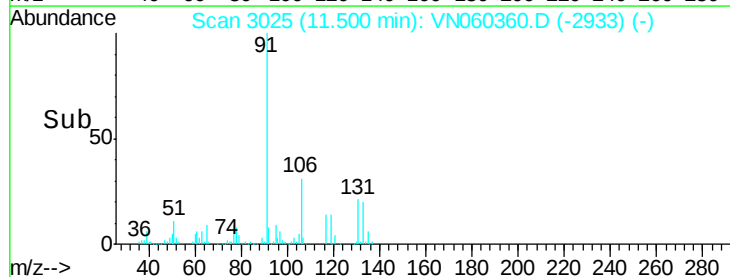
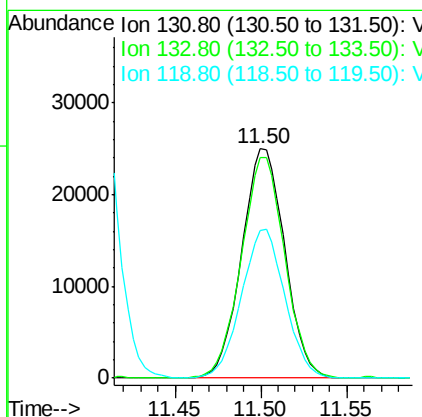
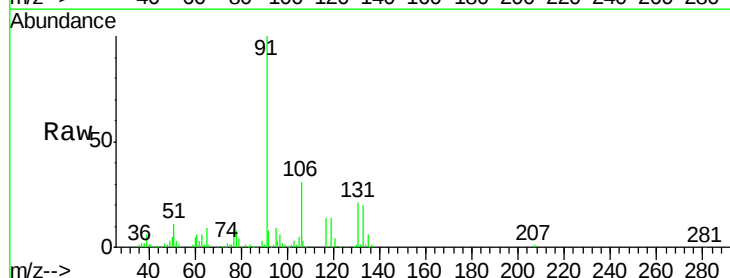
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.468 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Tgt Ion:131 Resp: 43380
Ion Ratio Lower Upper
131 100
133 97.4 47.7 143.1
119 65.4 33.2 99.6





#67

Ethyl Benzene

Concen: 19.001 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

Instrument :

MSVOA_N

ClientSampled :

VN0305WBS01

Tot Ion: 91 Resp: 208537

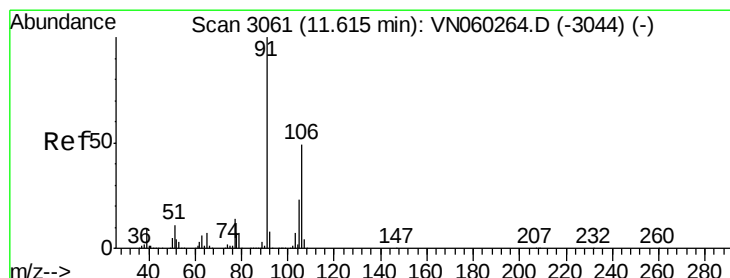
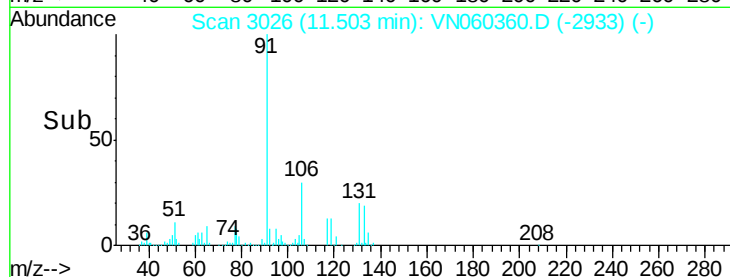
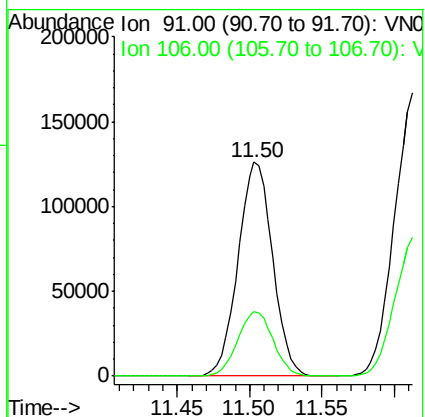
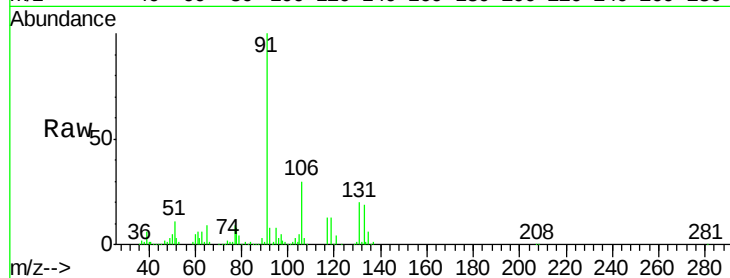
Ion Ratio Lower Upper

91 100

106 30.3 24.7 37.1

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#68

m/p-Xylenes

Concen: 37.994 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN060360.D

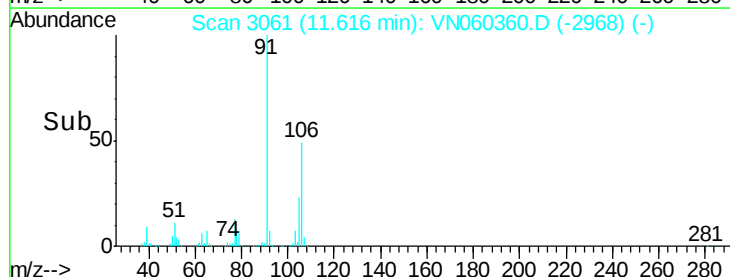
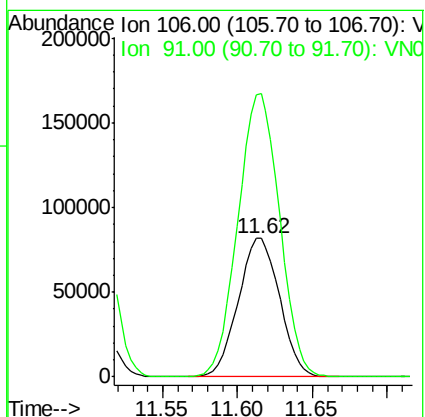
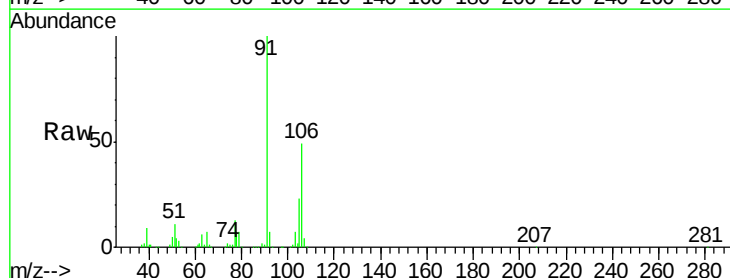
Acq: 5 Mar 2020 12:21

Tgt Ion: 106 Resp: 157325

Ion Ratio Lower Upper

106 100

91 205.7 164.5 246.7





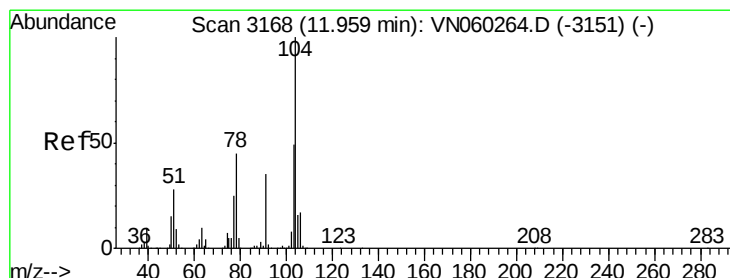
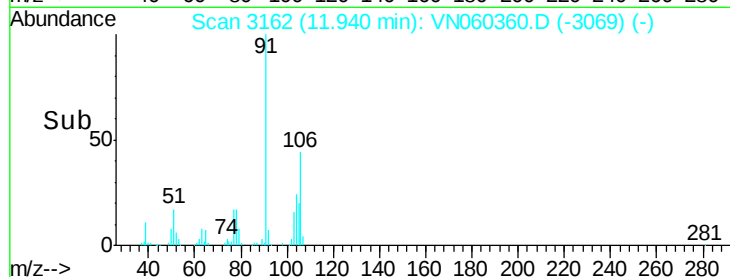
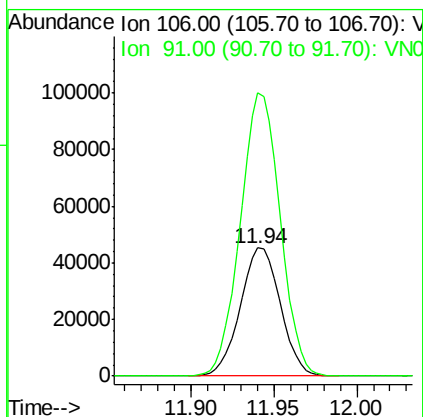
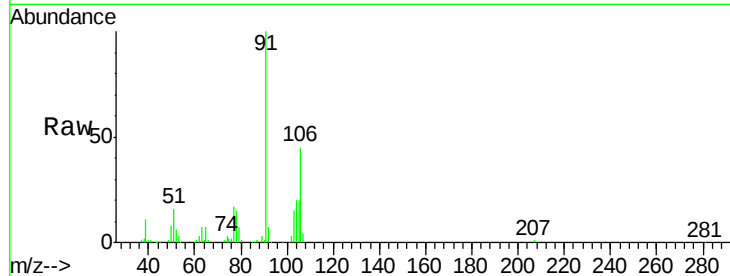
#69
o-Xylene
Concen: 19.289 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Instrument :
MSVOA_N
ClientSampled :
VN0305WBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	219.2	109.5	328.4	

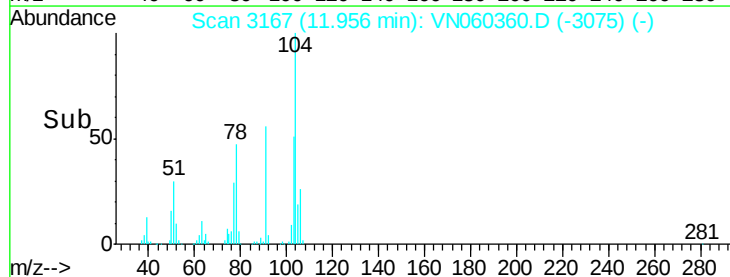
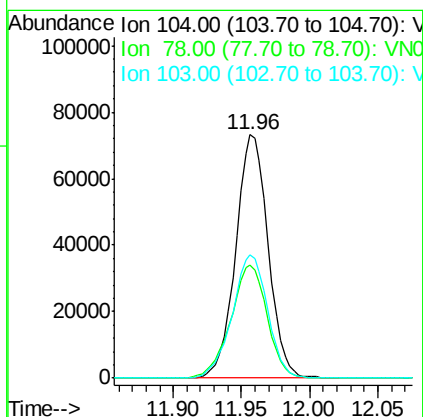
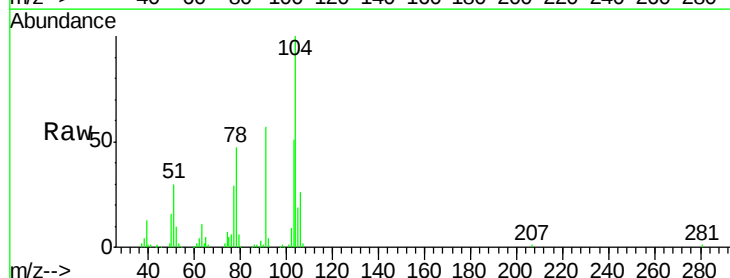
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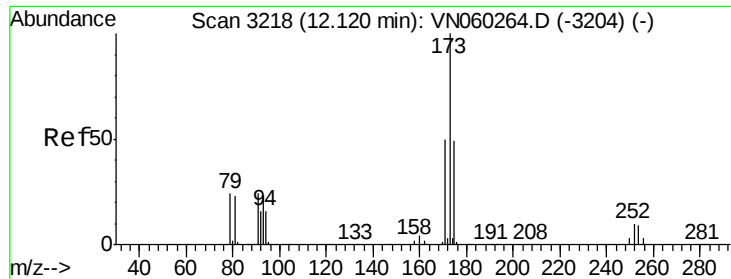
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#70
Styrene
Concen: 18.585 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	52.1	41.2	61.8	
103	55.3	43.9	65.9	





#71

Bromoform

Concen: 19.598 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

Instrument :

MSVOA_N

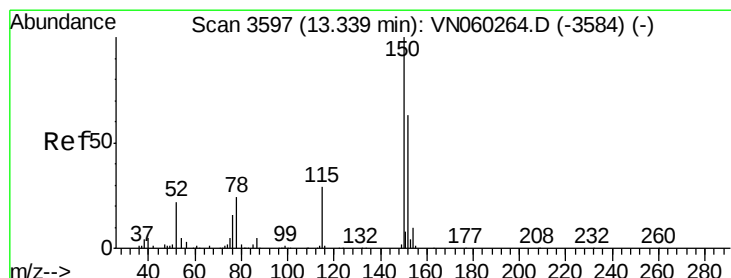
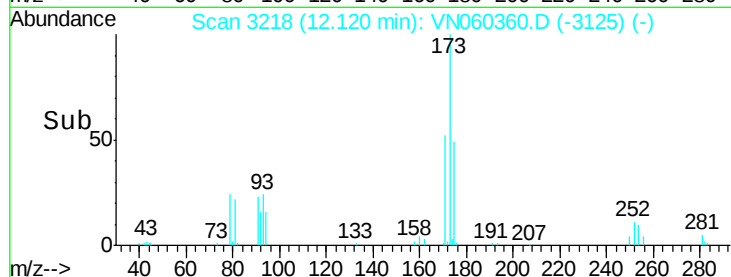
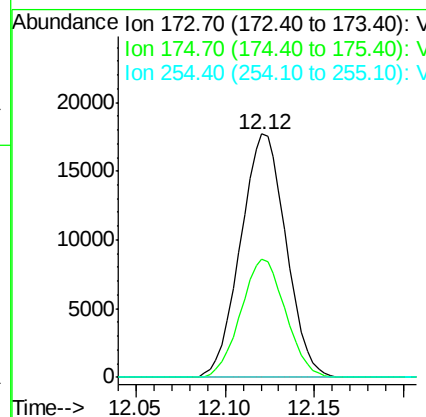
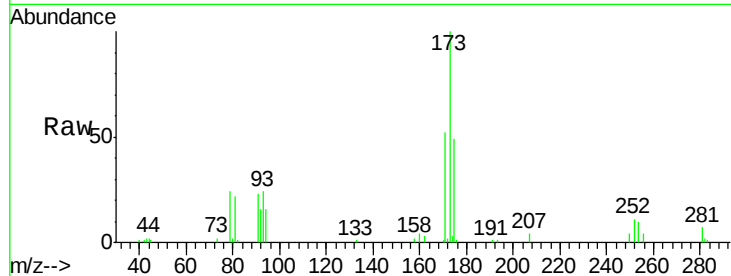
ClientSampleId :

VN0305WBS01

Tot Ion:	173	Resp:	31473
Ion Ratio	Lower	Upper	
173	100		
175	47.8	24.1	72.2
254	0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

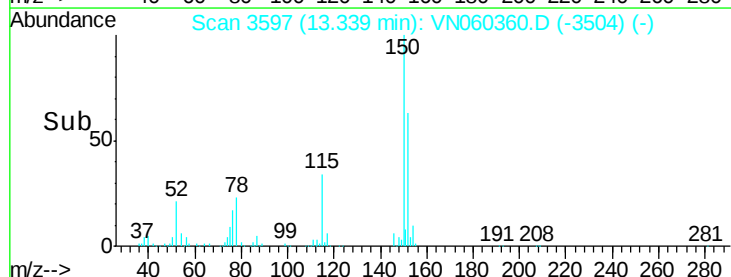
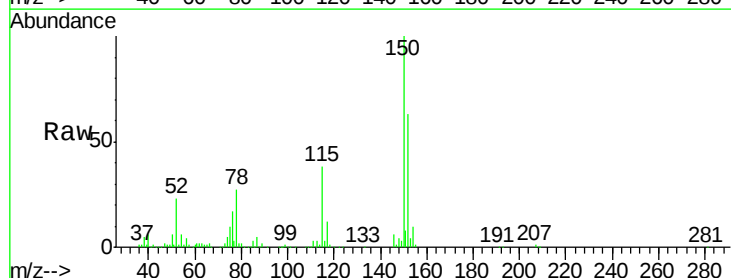
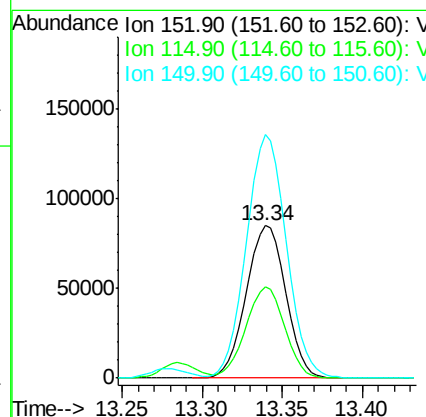
RT: 13.34 min Scan# 3597

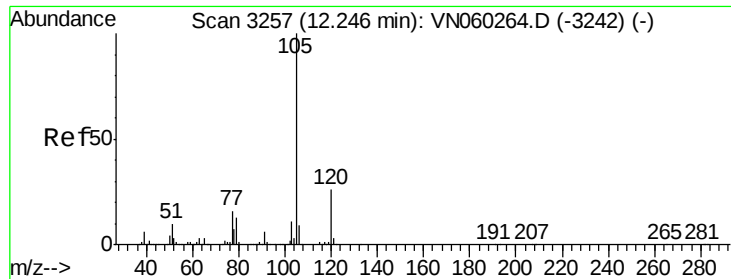
Delta R.T. 0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

Tgt Ion:	152	Resp:	143185
Ion Ratio	Lower	Upper	
152	100		
115	59.0	30.0	90.0
150	162.3	0.0	349.6





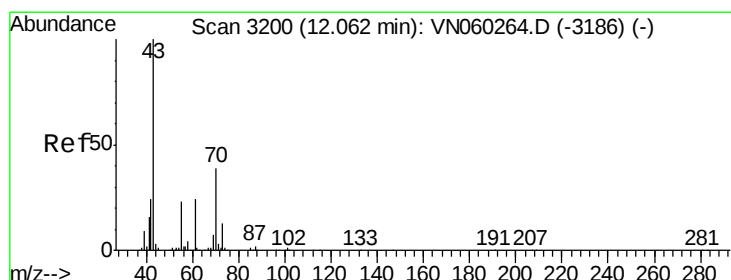
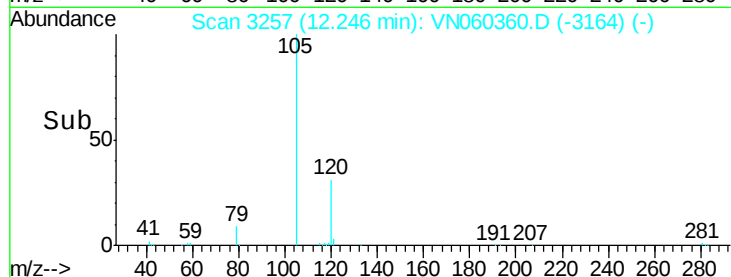
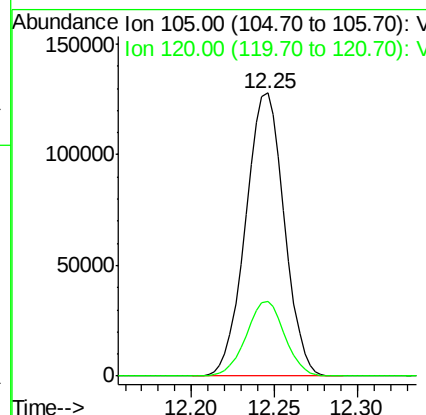
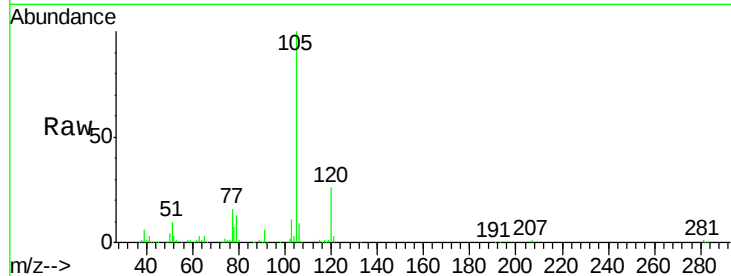
#73
Isopropylbenzene
Concen: 19.461 ug/l
RT: 12.25 min Scan# 3257
Delta R.T. 0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0305WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.0	38.9

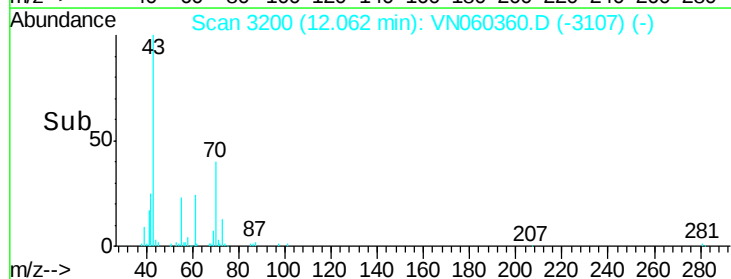
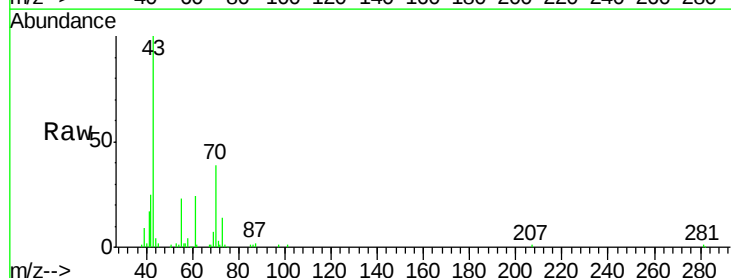
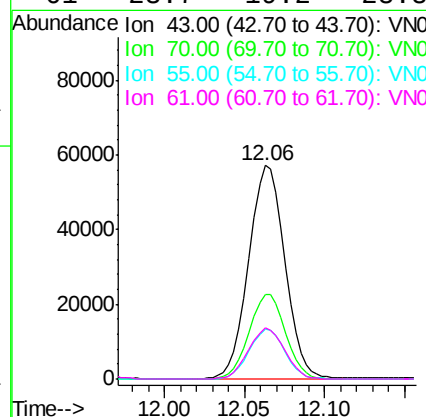
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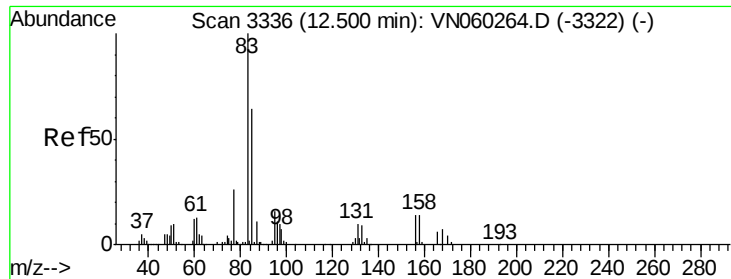
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#74
N-ethyl acetate
Concen: 19.131 ug/l
RT: 12.06 min Scan# 3200
Delta R.T. 0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Tgt Ion	Ratio	Lower	Upper
43	100		
70	39.5	32.2	48.2
55	23.0	18.2	27.4
61	23.7	19.2	28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.956 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0305WBS01

Tot Ion: 83 Resp: 57568

Ion Ratio Lower Upper

83 100

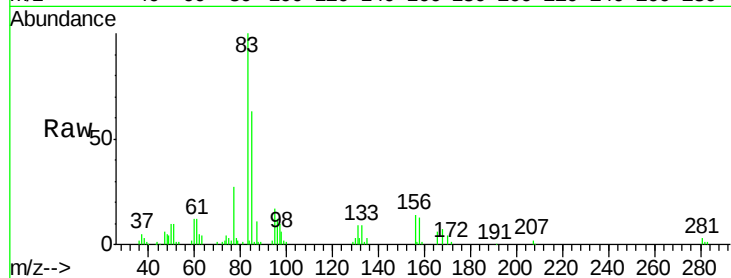
131 9.6 5.1 15.3

85 64.4 32.3 96.8

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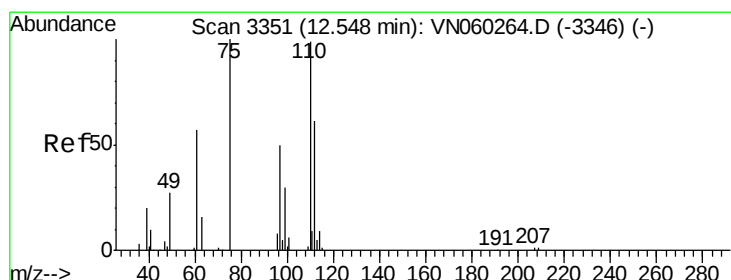
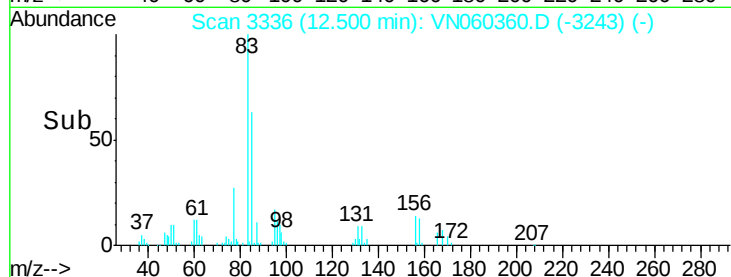


Abundance Ion 82.90 (82.60 to 83.60): VN060360.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN060360.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN060360.D (-3322) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 17.867 ug/l m

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN060360.D

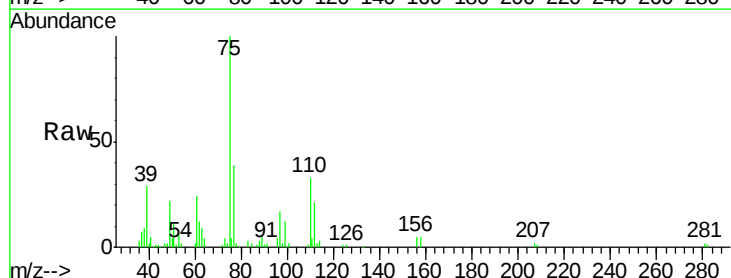
Acq: 5 Mar 2020 12:21

Tgt Ion: 75 Resp: 56129

Ion Ratio Lower Upper

75 100

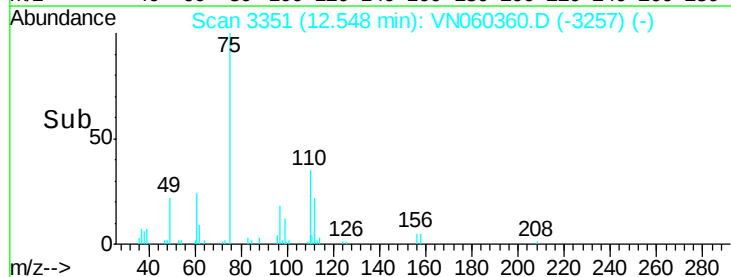
77 0.0 0.0 0.0

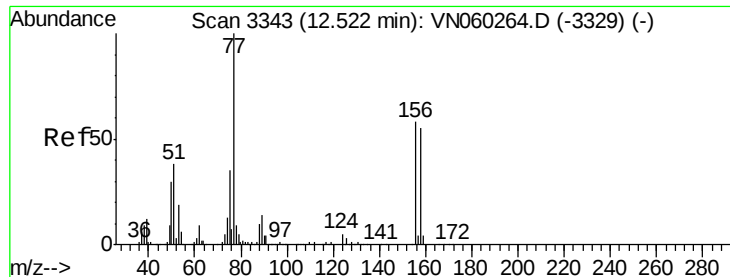


Abundance Ion 74.90 (74.60 to 75.60): VN060360.D (-3346) (-)

Ion 77.00 (76.70 to 77.70): VN060360.D (-3346) (-)

Time-->





#77

Bromobenzene

Concen: 19.005 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

Instrument :

MSVOA_N

ClientSampled :

VN0305WBS01

Tot Ion:156 Resp: 49440

Ion Ratio Lower Upper

156 100

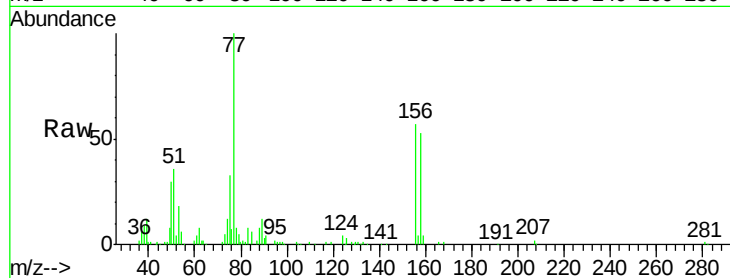
77 211.9 106.1 318.3

158 96.3 48.3 144.8

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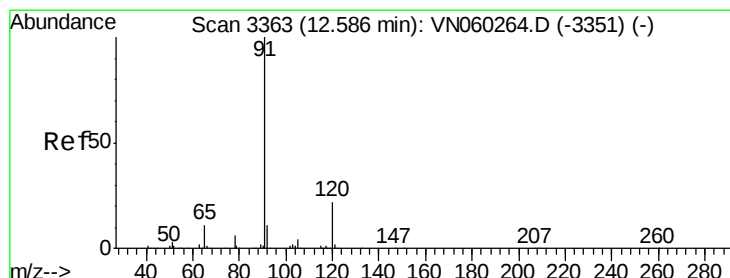
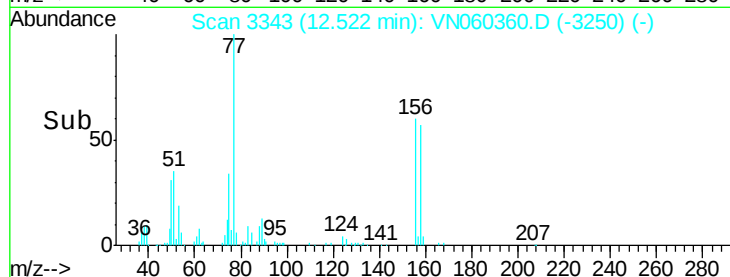
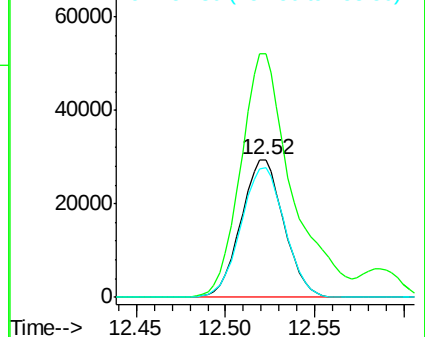
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.148 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060360.D

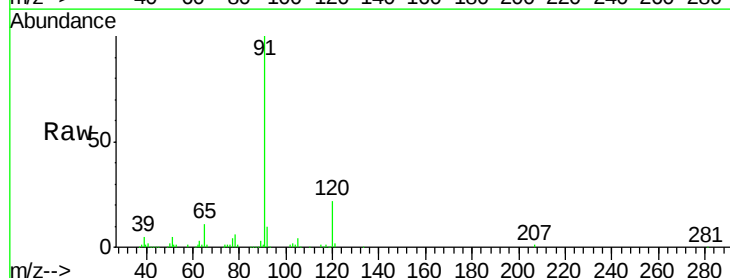
Acq: 5 Mar 2020 12:21

Tgt Ion: 91 Resp: 238199

Ion Ratio Lower Upper

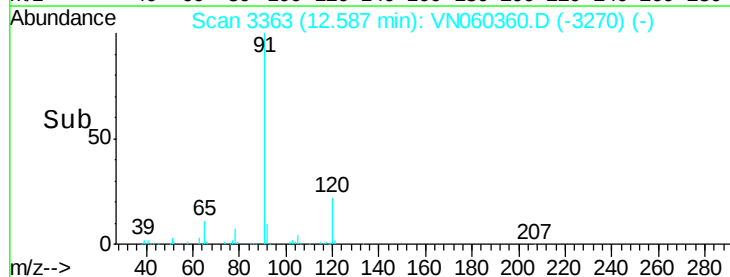
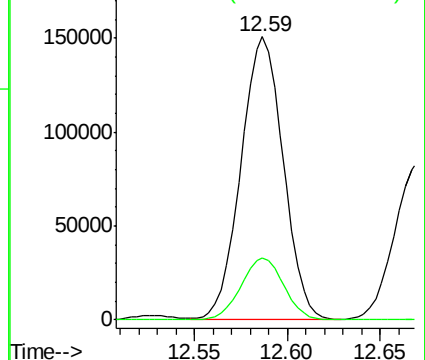
91 100

120 22.1 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





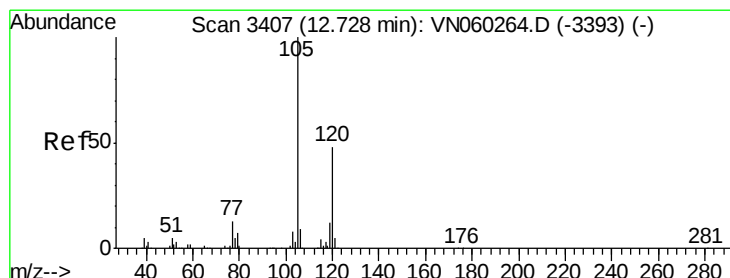
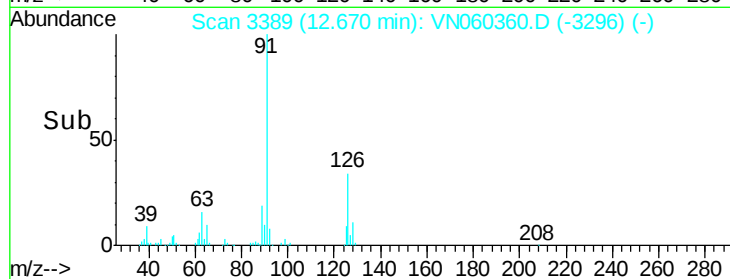
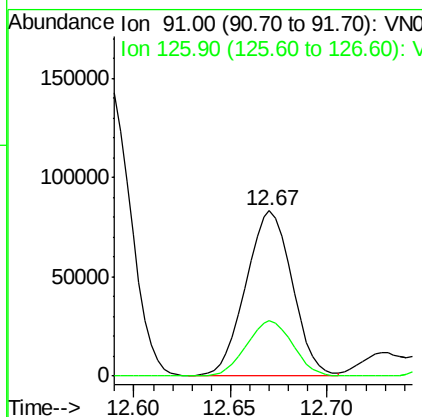
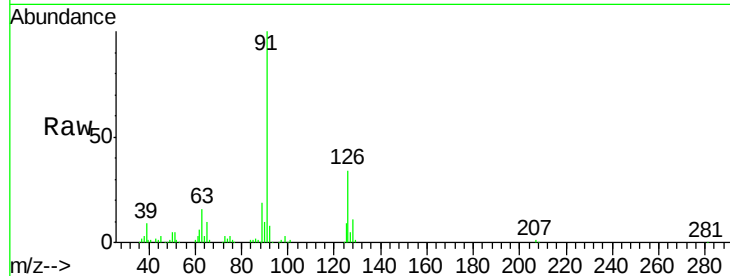
#79
 2-Chlorotoluene
 Concen: 19.024 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. 0.00 min
 Lab File: VN060360.D
 Acq: 5 Mar 2020 12:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0305WBS01

Tot Ion: 91 Resp: 139113
 Ion Ratio Lower Upper
 91 100
 126 33.5 16.6 49.8

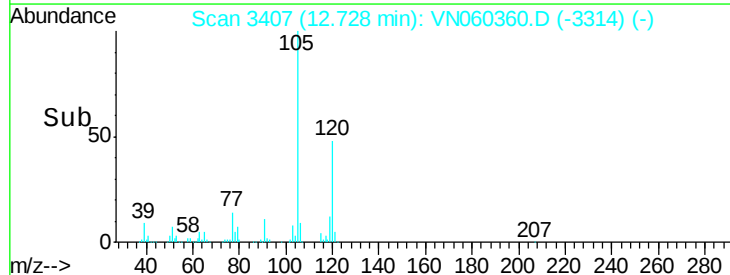
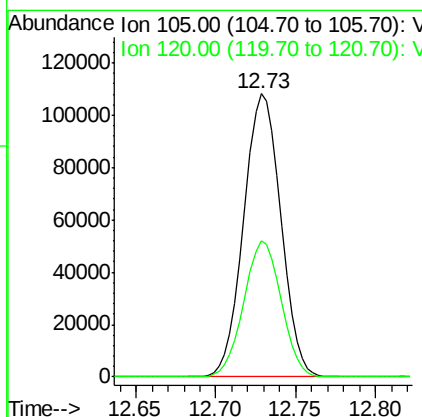
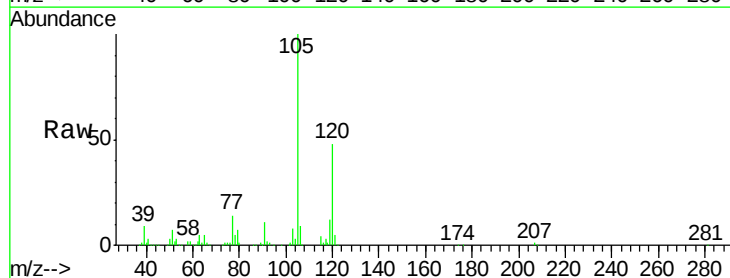
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#80
 1,3,5-Trimethylbenzene
 Concen: 19.169 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN060360.D
 Acq: 5 Mar 2020 12:21

Tgt Ion: 105 Resp: 171285
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.1 72.4





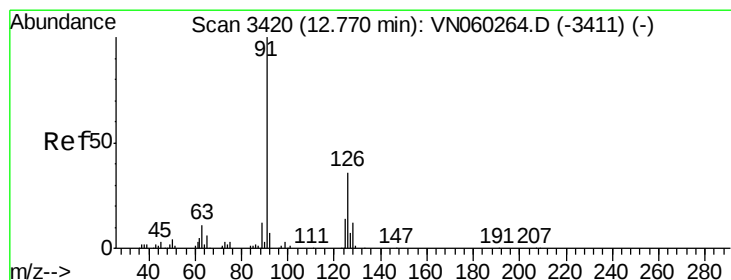
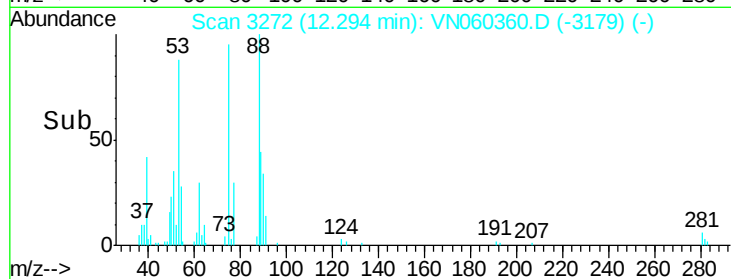
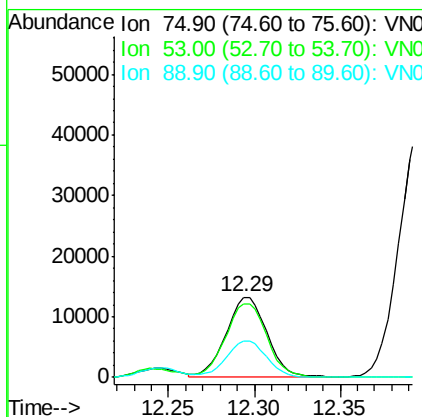
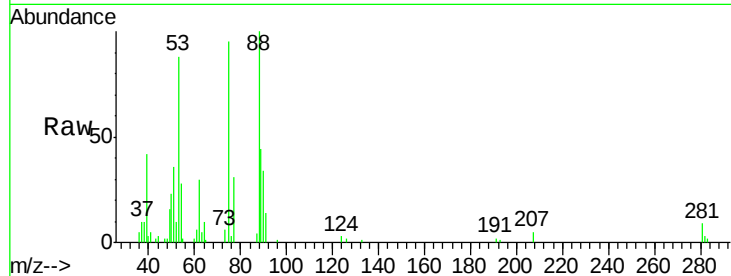
#81
trans-1,4-Dichloro-2-butene
Concen: 19.452 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. 0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Instrument :
MSVOA_N
ClientSampled :
VN0305WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.4	73.8	110.6
89	44.7	57.1	85.7#

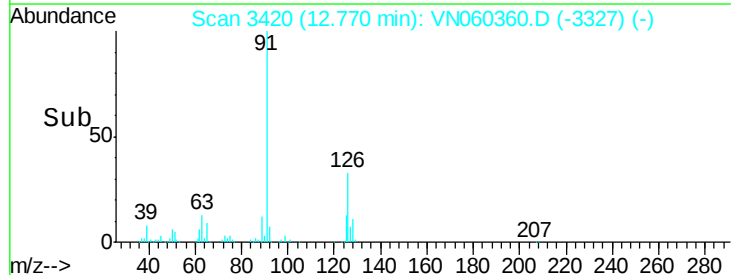
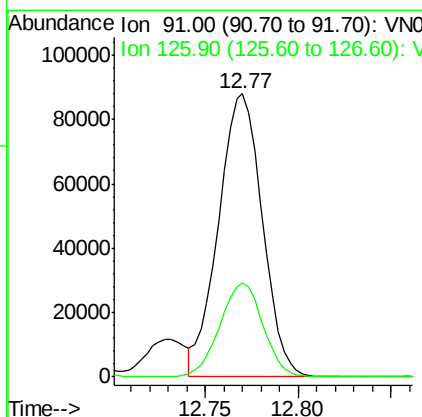
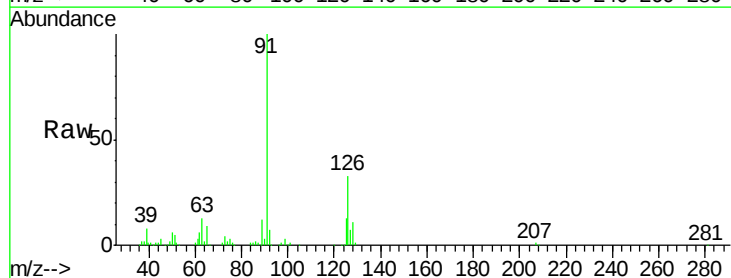
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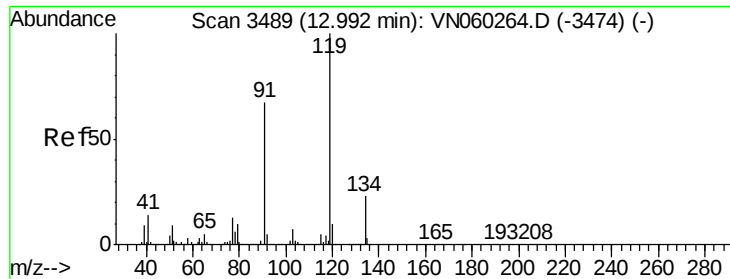
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3/6/2020 11:18:13 AM



#82
4-Chlorotoluene
Concen: 18.741 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.7	50.1





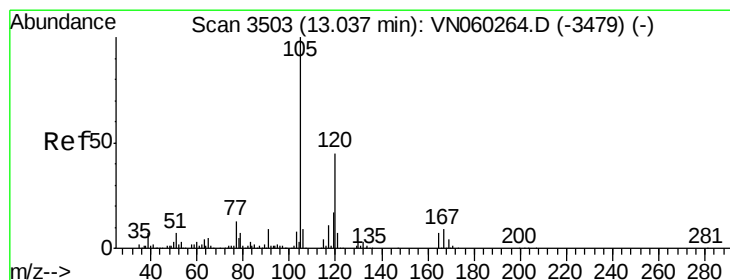
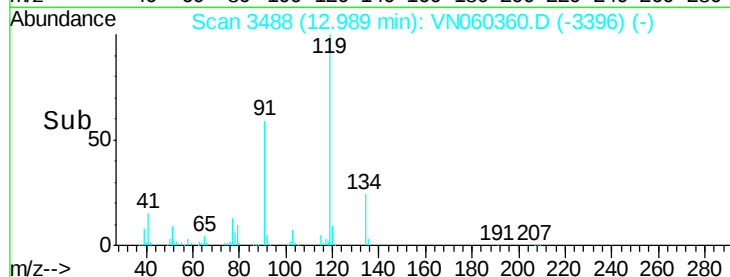
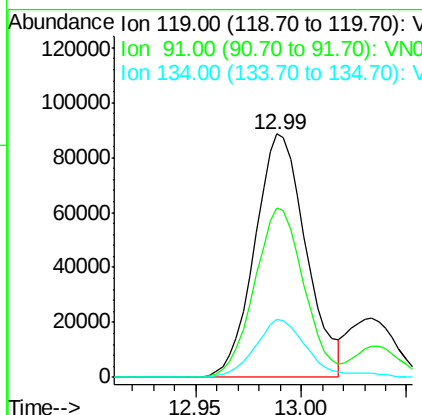
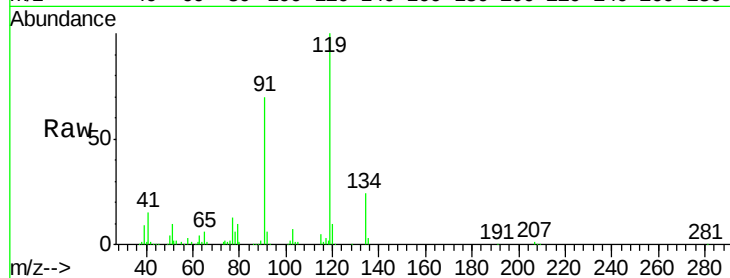
#83
 tert-Butylbenzene
 Concen: 19.318 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN060360.D
 Acq: 5 Mar 2020 12:21

Instrument :
 MSVOA_N
 ClientSampled :
 VN0305WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.3	33.1	99.2
134	24.4	12.4	37.0

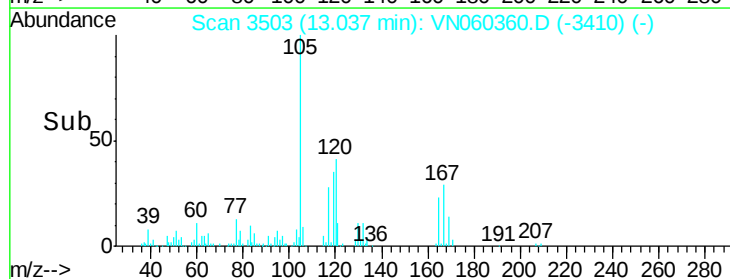
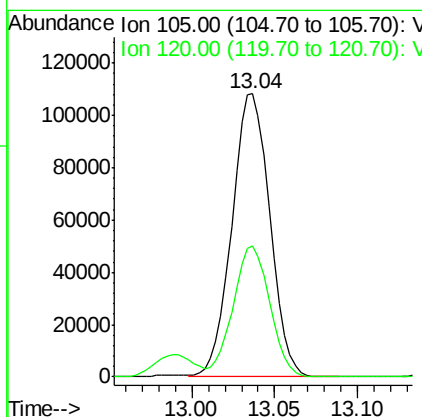
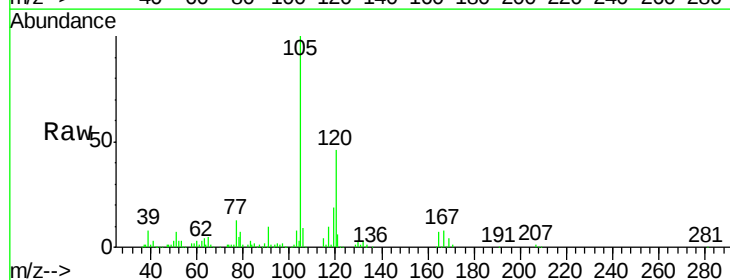
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.103 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN060360.D
 Acq: 5 Mar 2020 12:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.3	66.9





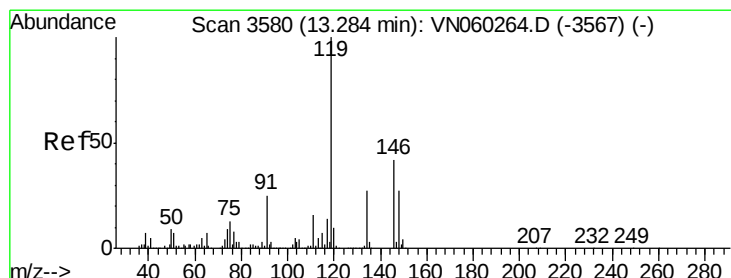
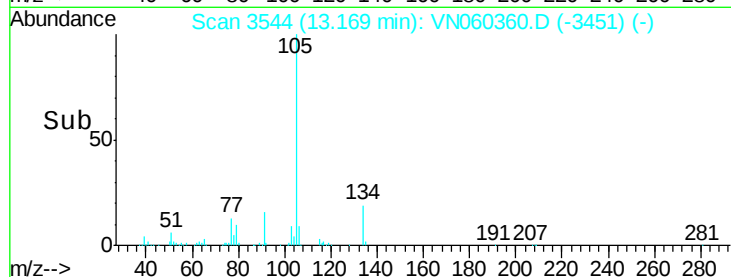
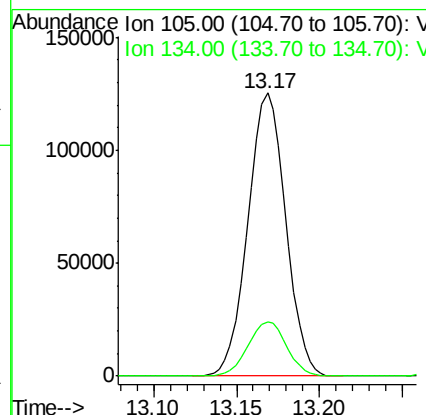
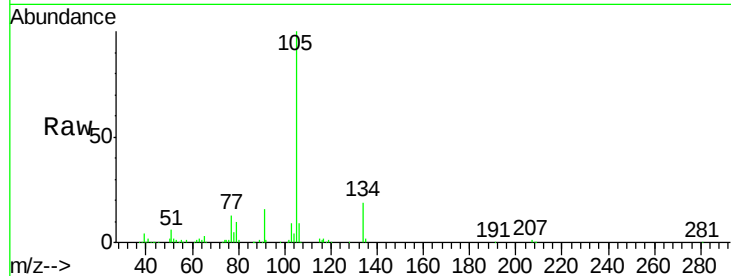
#85
 sec-Butylbenzene
 Concen: 19.159 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN060360.D
 Acq: 5 Mar 2020 12:21

Instrument :
 MSVOA_N
 ClientSampled :
 VN0305WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	198484		
134	19.5	9.8	29.5	

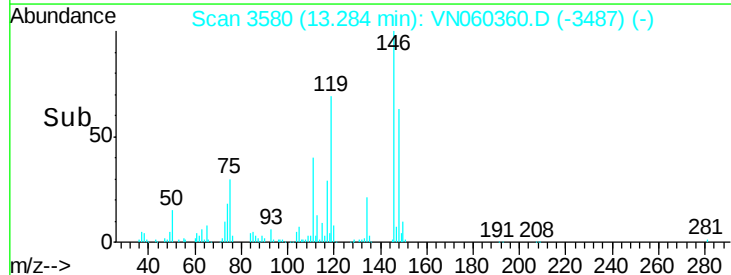
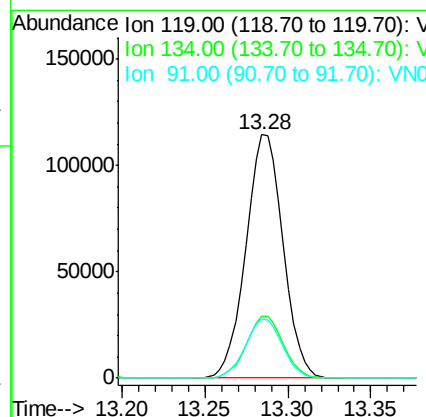
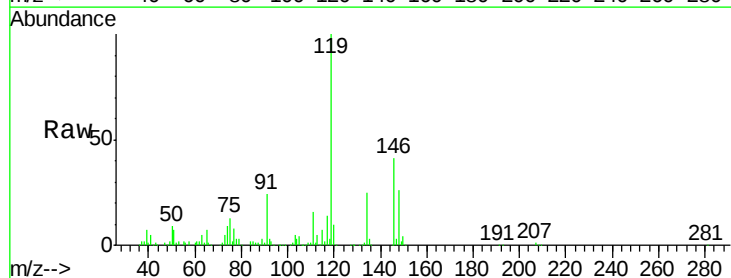
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#86
 p-Isopropyltoluene
 Concen: 18.574 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN060360.D
 Acq: 5 Mar 2020 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	178097		
134	25.5	13.2	39.6	
91	24.3	12.2	36.6	





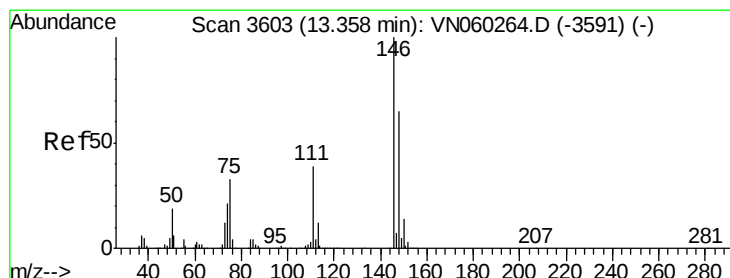
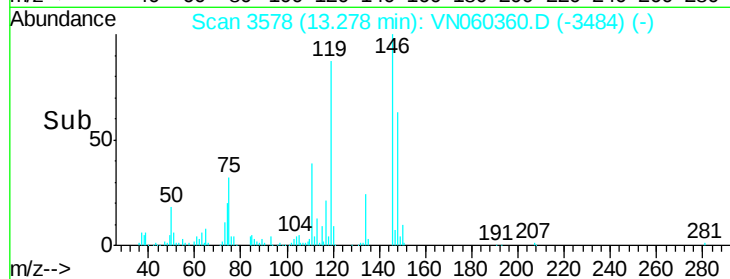
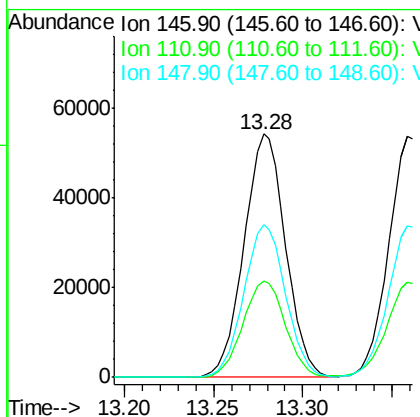
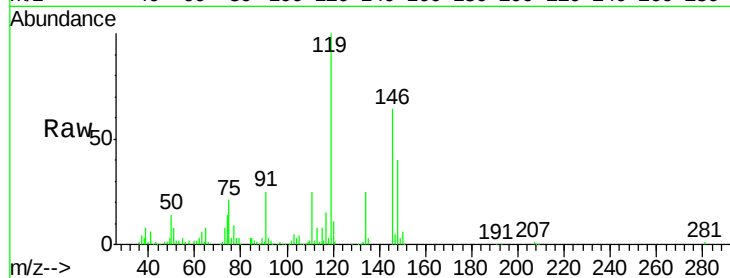
#87
 1,3-Dichlorobenzene
 Concen: 19.606 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN060360.D
 Acq: 5 Mar 2020 12:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0305WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.0	59.9
148	63.0	32.1	96.3

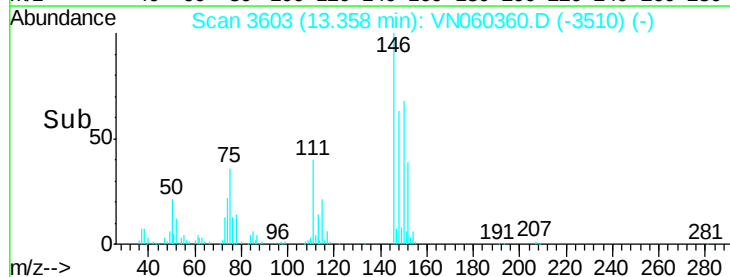
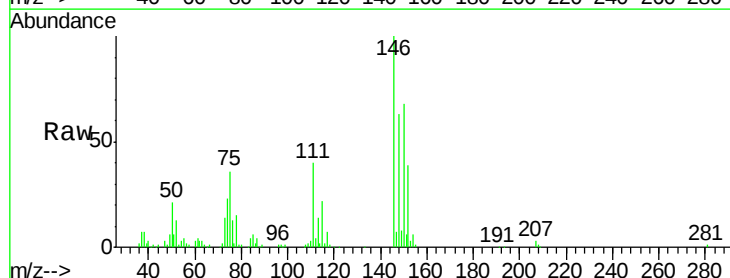
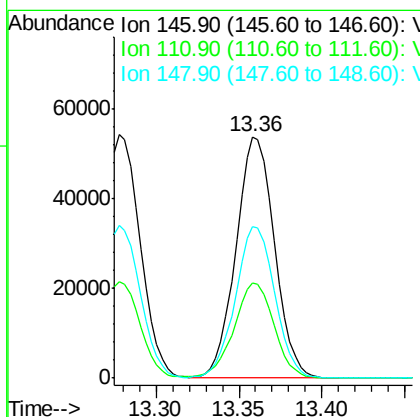
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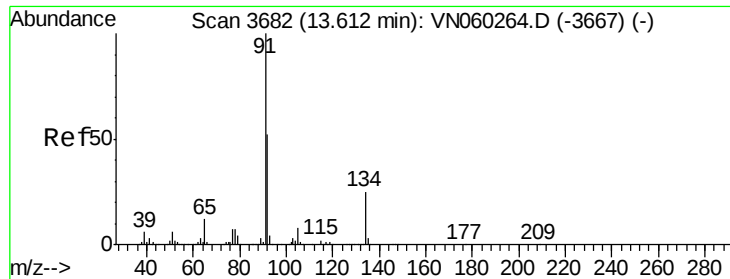
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#88
 1,4-Dichlorobenzene
 Concen: 19.407 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN060360.D
 Acq: 5 Mar 2020 12:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	19.8	59.4
148	64.0	32.3	96.9





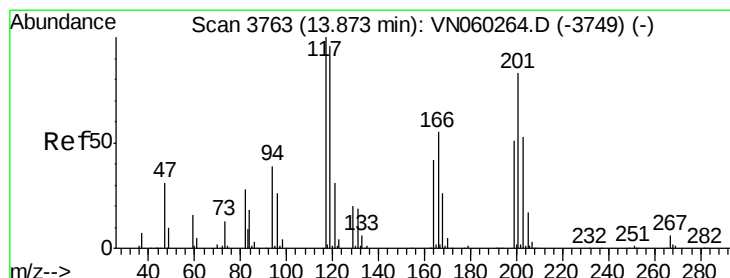
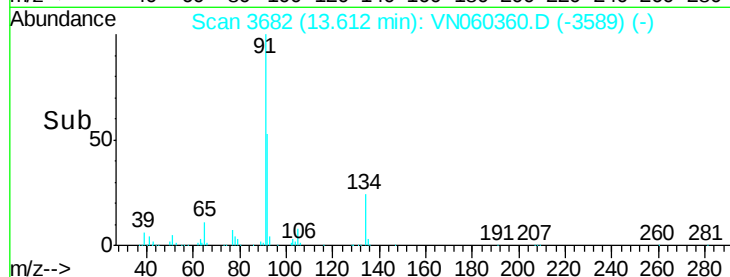
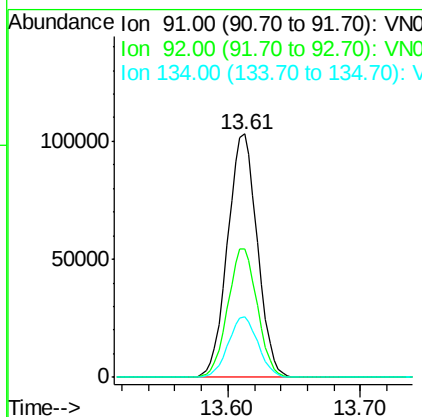
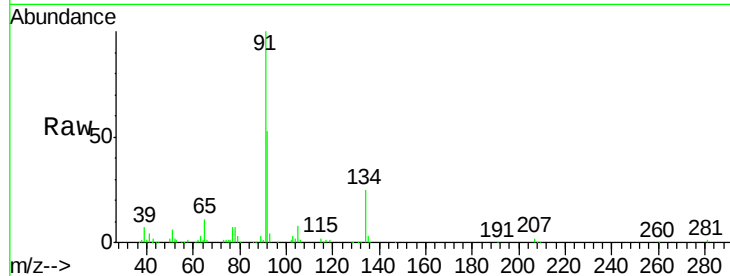
#89
n-Butylbenzene
Concen: 18.206 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Instrument :
MSVOA_N
ClientSampled :
VN0305WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.0	78.0
134	24.9	12.7	38.1

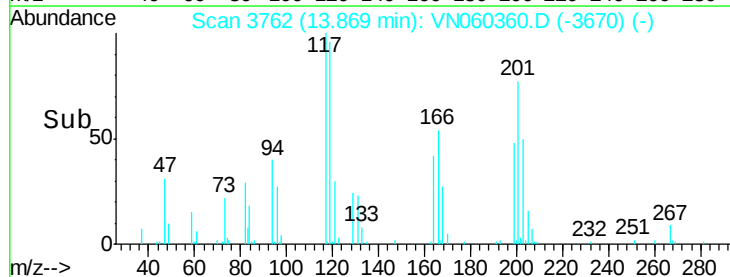
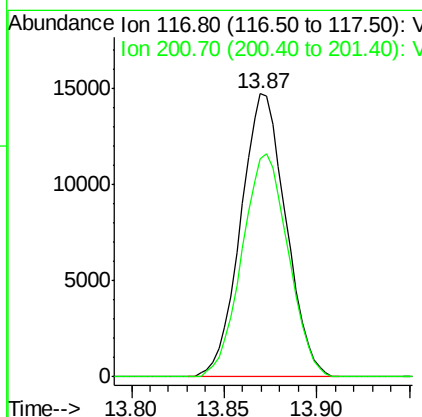
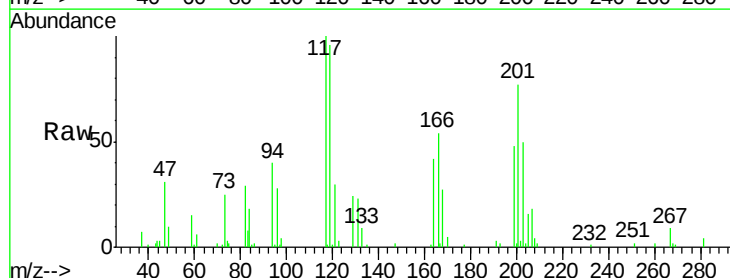
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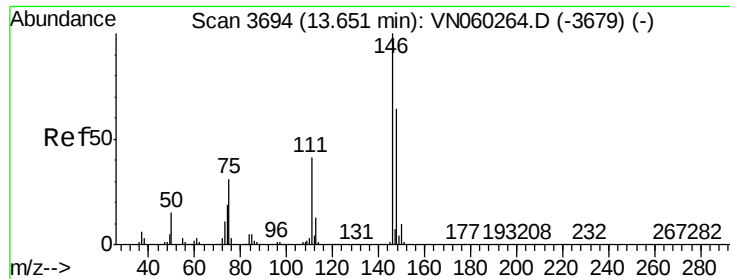
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#90
Hexachloroethane
Concen: 17.932 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.3	41.0	123.0





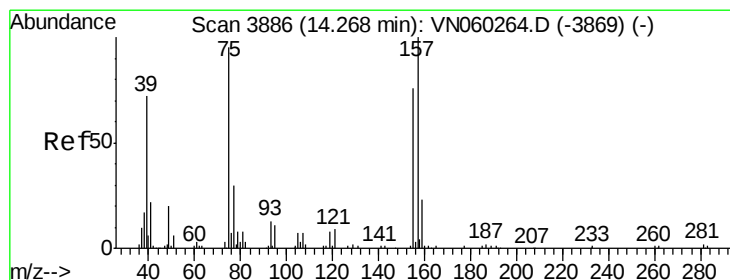
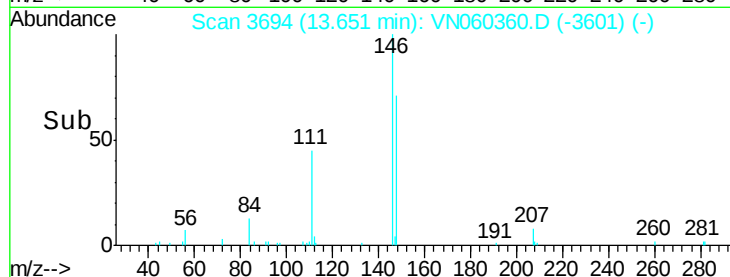
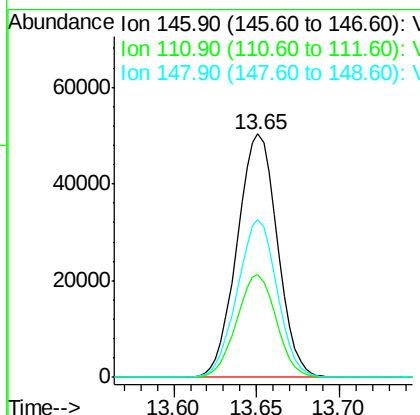
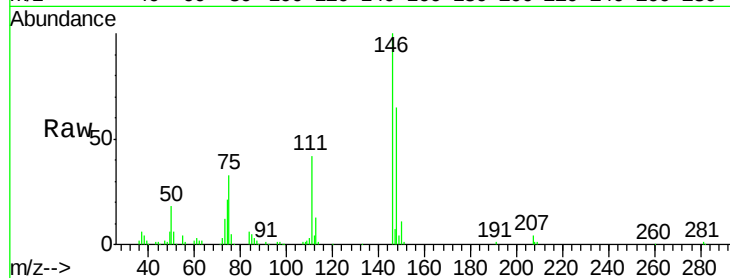
#91
 1,2-Dichlorobenzene
 Concen: 18.711 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN060360.D
 Acq: 5 Mar 2020 12:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0305WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.3	61.0
148	64.1	31.8	95.3

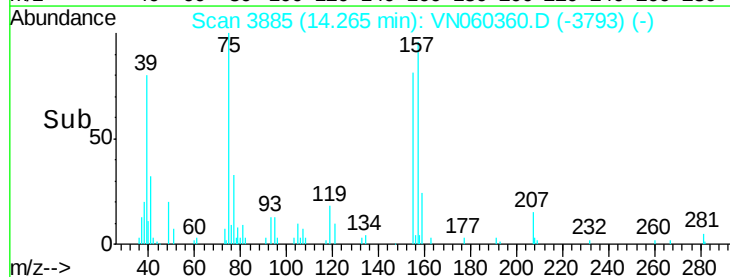
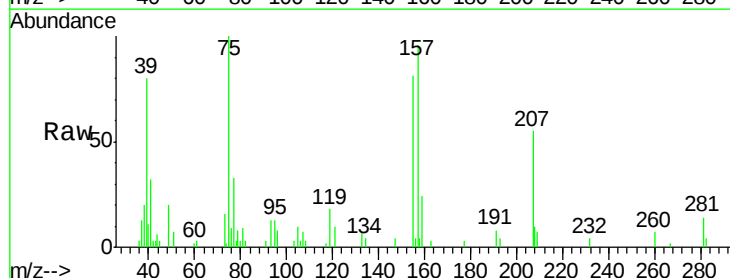
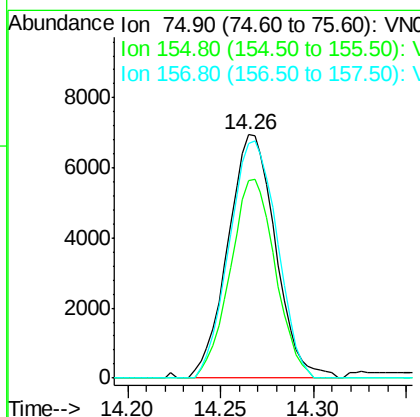
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.955 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VN060360.D
 Acq: 5 Mar 2020 12:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.1	40.4	121.2
157	97.7	52.5	157.5





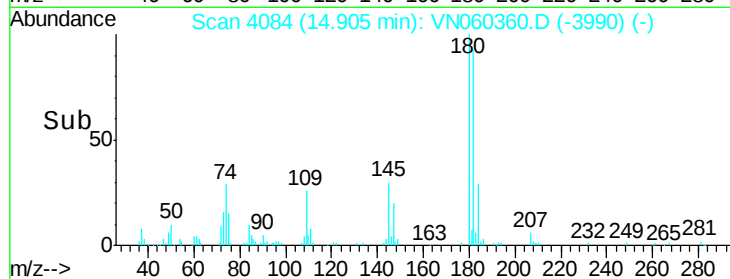
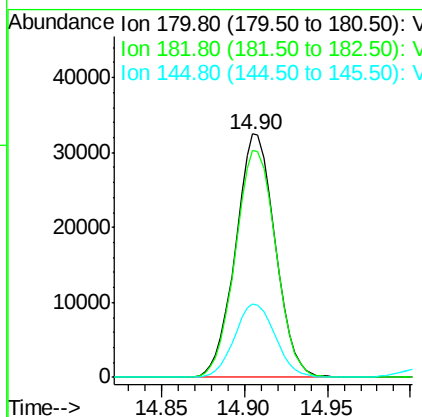
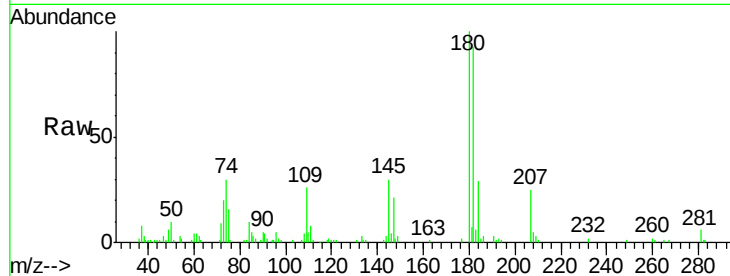
#93
 1,2,4-Trichlorobenzene
 Concen: 18.699 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN060360.D
 Acq: 5 Mar 2020 12:21

Instrument :
 MSVOA_N
 ClientSampled :
 VN0305WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.6	47.8	143.3	
145	30.9	15.4	46.1	

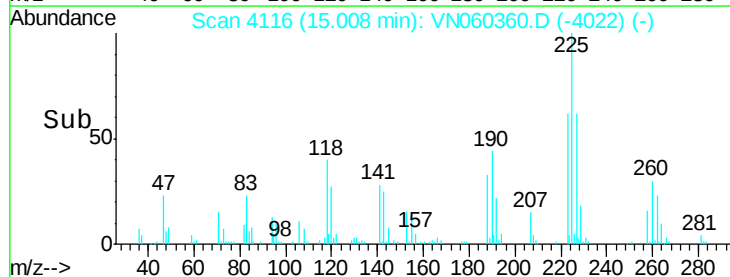
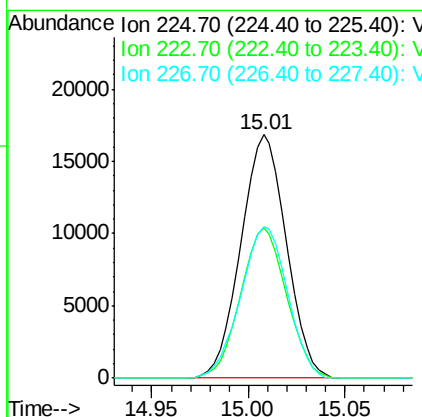
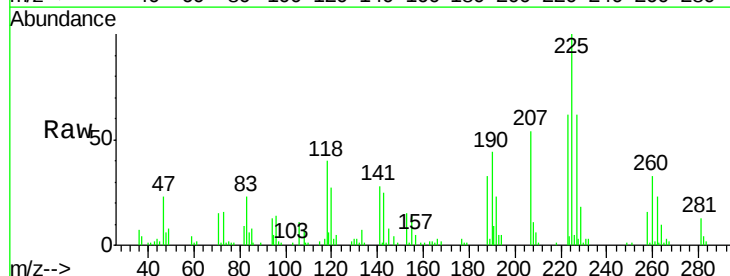
Manual Integrations
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 3/6/2020 11:18:13 AM



#94
 Hexachlorobutadiene
 Concen: 20.356 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN060360.D
 Acq: 5 Mar 2020 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.4	31.3	93.9	
227	63.9	32.3	96.9	





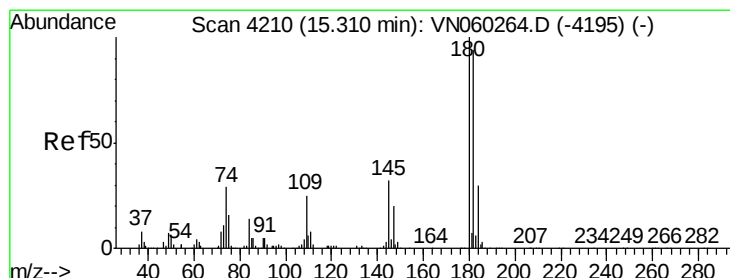
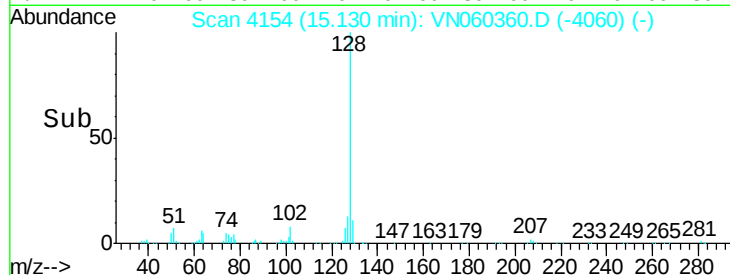
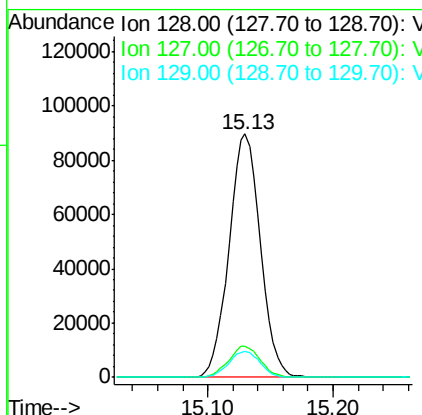
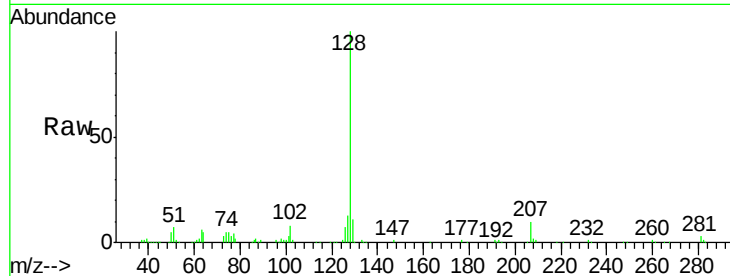
#95
Naphthalene
Concen: 18.028 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0305WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.6	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 18.808 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.3	142.0
145	32.1	16.2	48.5

