

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030220\
 Data File : VN060301.D
 Acq On : 2 Mar 2020 11:02
 Operator : JC/MD
 Sample : VN0302WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0302WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/3/2020 10:04:27 AM

Quant Time: Mar 03 05:58:27 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	218338	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	353589	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	326127	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	156234	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	137951	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
35) Dibromofluoromethane	7.56	113	93848	57.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.36%	
50) Toluene-d8	10.08	98	399107	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
62) 4-Bromofluorobenzene	12.40	95	147751	46.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	36487	18.227	ug/l	98
3) Chloromethane	2.04	50	62391	17.902	ug/l	97
4) Vinyl Chloride	2.16	62	52633	17.609	ug/l	100
5) Bromomethane	2.55	94	20451	15.332	ug/l	94
6) Chloroethane	2.69	64	29159	18.005	ug/l	95
7) Trichlorofluoromethane	3.00	101	69445	18.185	ug/l	100
8) Diethyl Ether	3.38	74	27075	18.778	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	40056	18.534	ug/l	99
10) Methyl Iodide	3.93	142	36151	18.328	ug/l	99
11) Tert butyl alcohol	4.73	59	38452	92.442	ug/l	100
12) 1,1-Dichloroethene	3.72	96	40671	19.342	ug/l	99
13) Acrolein	3.58	56	35243	90.820	ug/l	100
14) Allyl chloride	4.29	41	66697	17.245	ug/l	89
15) Acrylonitrile	4.94	53	102541	93.526	ug/l	99
16) Acetone	3.78	43	81962	90.603	ug/l	99
17) Carbon Disulfide	4.03	76	104300	18.290	ug/l	98
18) Methyl Acetate	4.29	43	52647	17.439	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	141828	18.623	ug/l	99
20) Methylene Chloride	4.52	84	45138	18.169	ug/l	99
21) trans-1,2-Dichloroethene	5.00	96	43673	19.115	ug/l	99
22) Diisopropyl ether	5.91	45	151176	19.297	ug/l	98
23) Vinyl Acetate	5.86	43	600813	96.512	ug/l	99
24) 1,1-Dichloroethane	5.82	63	84084	18.961	ug/l	99
25) 2-Butanone	6.80	43	136147	93.176	ug/l	99
26) 2,2-Dichloropropane	6.80	77	75728	18.758	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	50551	17.548	ug/l	99
28) Bromochloromethane	7.17	49	33659	18.486	ug/l	100
29) Tetrahydrofuran	7.18	42	94221	92.730	ug/l	99
30) Chloroform	7.35	83	83321	18.874	ug/l	98
31) Cyclohexane	7.63	56	76936	19.513	ug/l	98
32) 1,1,1-Trichloroethane	7.54	97	73837	18.878	ug/l	99
36) 1,1-Dichloropropene	7.77	75	61708	18.312	ug/l	99
37) Ethyl Acetate	6.89	43	60143	18.849	ug/l	100
38) Carbon Tetrachloride	7.75	117	61034	18.602	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	73741	18.559	ug/l	97
40) Benzene	8.02	78	183684	18.728	ug/l	100
41) Methacrylonitrile	7.15	41	27297m	18.527	ug/l	
42) 1,2-Dichloroethane	8.10	62	67394	19.041	ug/l	99
43) Isopropyl Acetate	8.14	43	106231	19.017	ug/l	99
44) Trichloroethene	8.82	130	50511	18.491	ug/l	98
45) 1,2-Dichloropropane	9.10	63	50075	19.527	ug/l	98
46) Dibromomethane	9.19	93	31178	18.737	ug/l	98
47) Bromodichloromethane	9.38	83	64272	18.992	ug/l	100
48) Methyl methacrylate	9.18	41	46123	18.106	ug/l	97
49) 1,4-Dioxane	9.18	88	13704	382.551	ug/l	96
51) 4-Methyl-2-Pentanone	9.97	43	295744	93.376	ug/l	100
52) Toluene	10.14	92	114743	18.624	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	75546	18.218	ug/l	96
54) cis-1,3-Dichloropropene	9.82	75	81849	19.048	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	45250	18.263	ug/l	98
56) Ethyl methacrylate	10.42	69	66518	18.687	ug/l	97
57) 1,3-Dichloropropane	10.70	76	78070	19.321	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	174304	93.628	ug/l	99
59) 2-Hexanone	10.74	43	215174	92.530	ug/l	99
60) Dibromochloromethane	10.89	129	47700	18.931	ug/l	99
61) 1,2-Dibromoethane	10.99	107	45406	18.799	ug/l	96
64) Tetrachloroethene	10.62	164	53880	20.139	ug/l	99
65) Chlorobenzene	11.43	112	119436	18.137	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	46140	18.949	ug/l	98
67) Ethyl Benzene	11.50	91	224047	18.682	ug/l	99
68) m/p-Xylenes	11.61	106	165945	36.676	ug/l	99
69) o-Xylene	11.94	106	79747	18.483	ug/l	99
70) Styrene	11.96	104	128336	18.091	ug/l	99
71) Bromoform	12.12	173	32571	18.561	ug/l #	99
73) Isopropylbenzene	12.24	105	217252	18.761	ug/l	100
74) N-amyl acetate	12.06	43	92722	18.324	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	58958	18.730	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	57238m	16.698	ug/l	
77) Bromobenzene	12.52	156	51716	18.219	ug/l	98
78) n-propylbenzene	12.59	91	252205	18.580	ug/l	99
79) 2-Chlorotoluene	12.67	91	147403	18.474	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	184256	18.899	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	22760	18.329	ug/l #	88
82) 4-Chlorotoluene	12.77	91	152300	18.117	ug/l	99
83) tert-Butylbenzene	12.99	119	155003	18.362	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	183507	18.647	ug/l	99
85) sec-Butylbenzene	13.17	105	210468	18.619	ug/l	100
86) p-Isopropyltoluene	13.28	119	190362	18.195	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	93175	18.985	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	92778	18.916	ug/l	99
89) n-Butylbenzene	13.61	91	173854	18.102	ug/l	99
90) Hexachloroethane	13.87	117	26558	17.537	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	88317	17.756	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	12749	17.885	ug/l	96

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VN0302WBS01

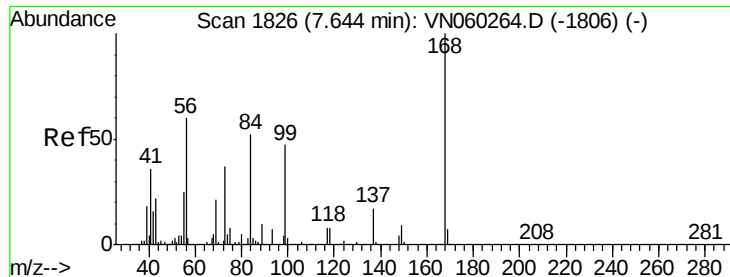
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	59438	18.862	ug/l	99
94) Hexachlorobutadiene	15.01	225	29305	19.826	ug/l	99
95) Naphthalene	15.13	128	165899	17.646	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	56647	18.919	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: VN060301.D

Acq: 2 Mar 2020 11:02

Instrument :

MSVOA_N

ClientSampled :

VN0302WBS01

Tot Ion:168 Resp: 218338

Ion Ratio Lower Upper

168 100

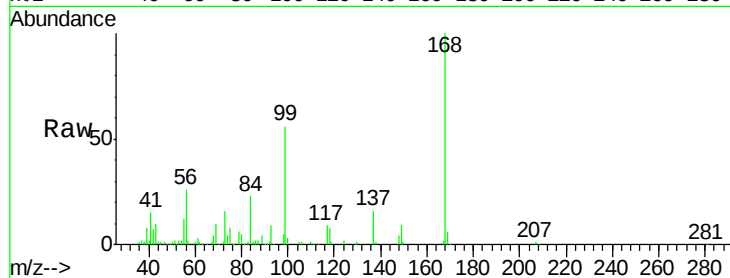
99 55.9 44.7 67.1

Manual Integrations

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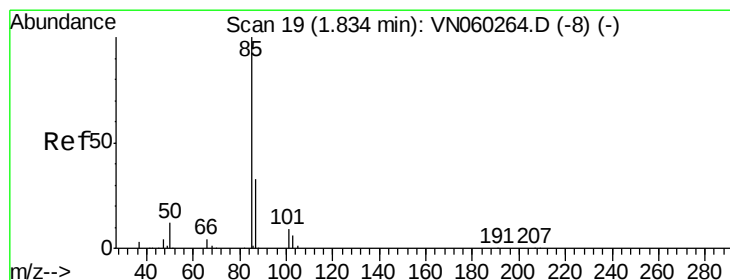
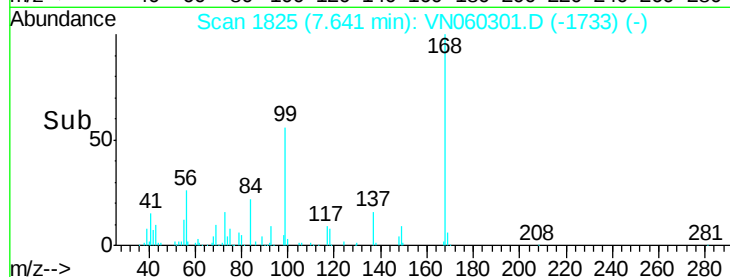
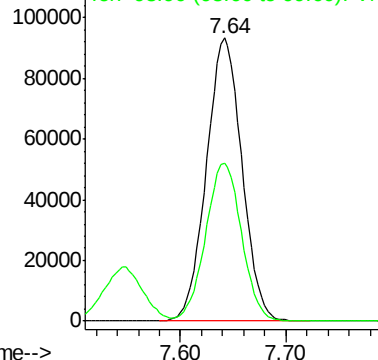
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 18.227 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN060301.D

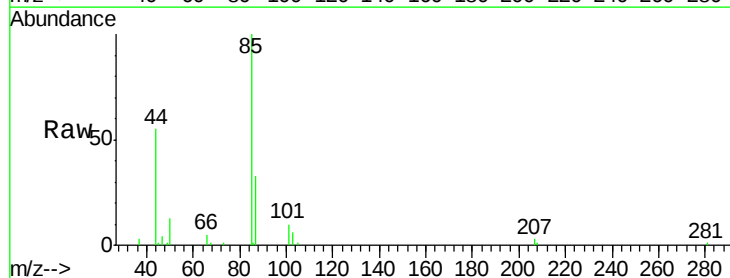
Acq: 2 Mar 2020 11:02

Tgt Ion: 85 Resp: 36487

Ion Ratio Lower Upper

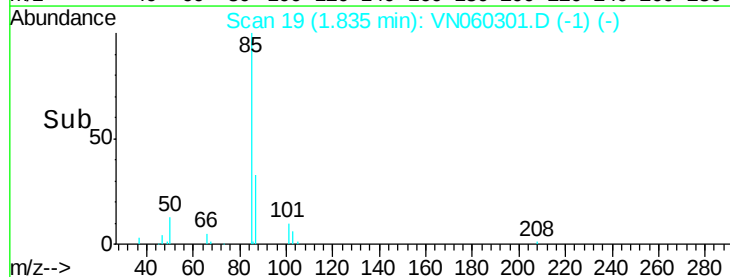
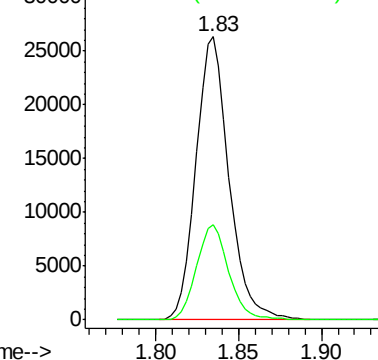
85 100

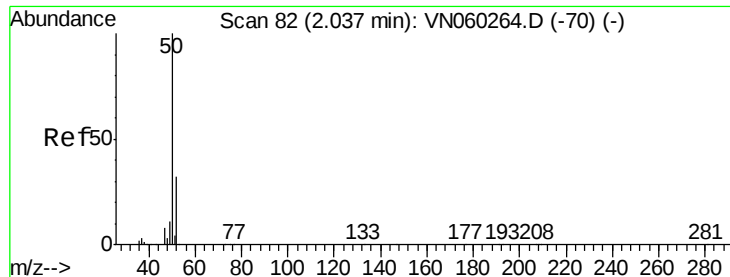
87 33.5 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 17.902 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060301.D

Acq: 2 Mar 2020 11:02

Instrument :

MSVOA_N

ClientSampled :

VN0302WBS01

Tot Ion: 50 Resp: 62391

Ion Ratio Lower Upper

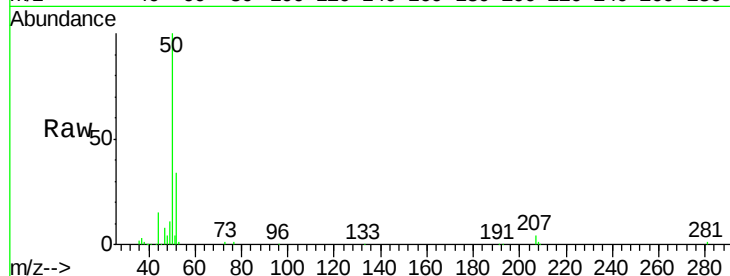
50 100

52 33.6 25.6 38.4

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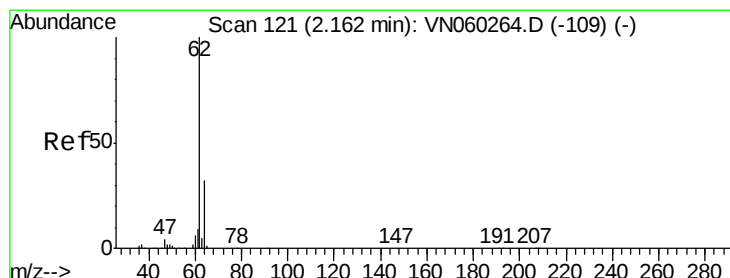
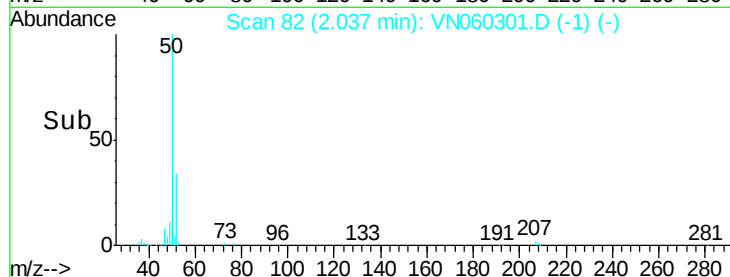
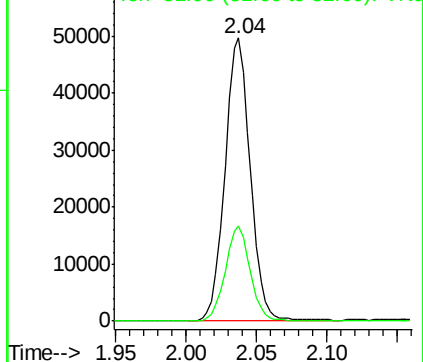
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 17.609 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.00 min

Lab File: VN060301.D

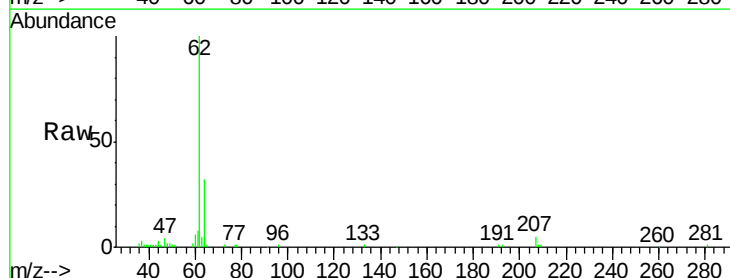
Acq: 2 Mar 2020 11:02

Tgt Ion: 62 Resp: 52633

Ion Ratio Lower Upper

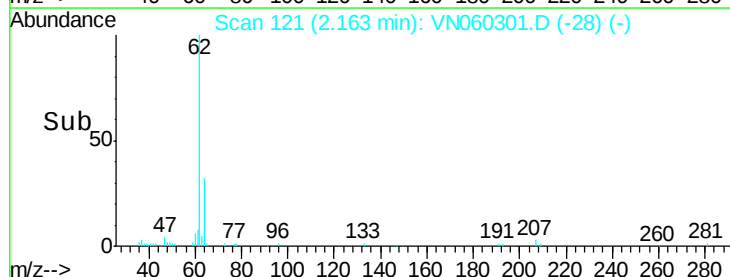
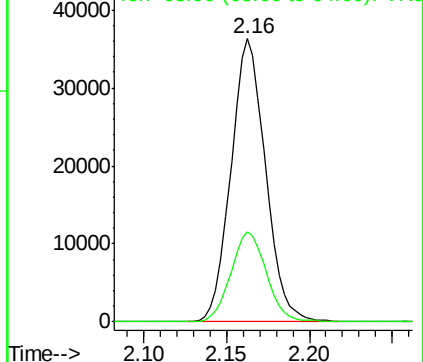
62 100

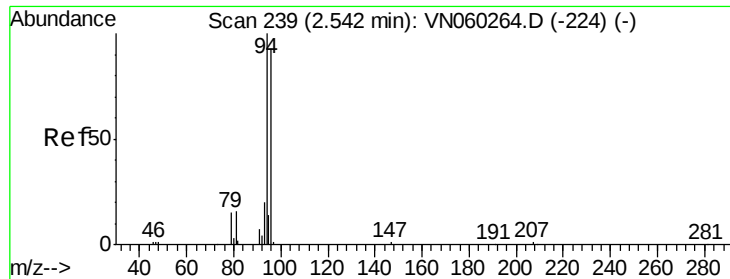
64 31.6 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 15.332 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VN060301.D

Acq: 2 Mar 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

VN0302WBS01

Tot Ion: 94 Resp: 20451

Ion Ratio Lower Upper

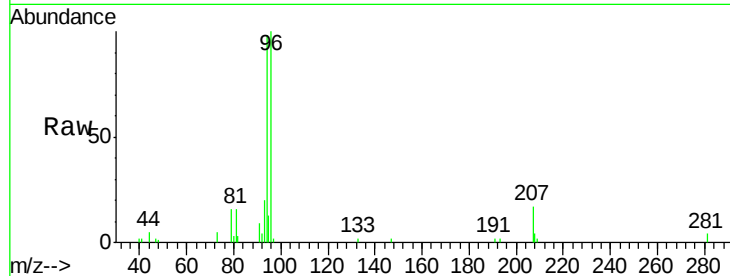
94 100

96 99.1 74.3 111.5

Manual Integrations
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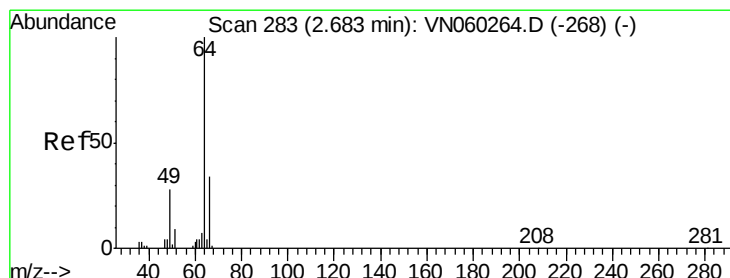
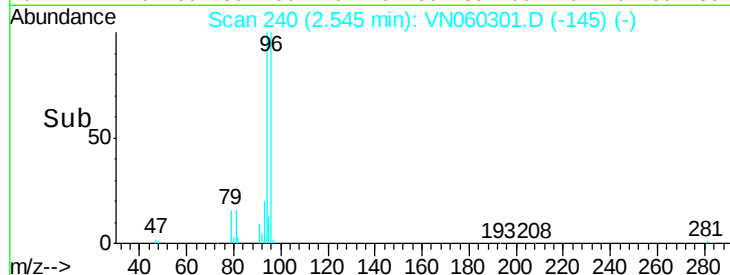
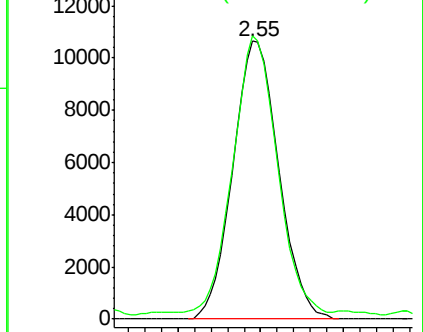
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.005 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN060301.D

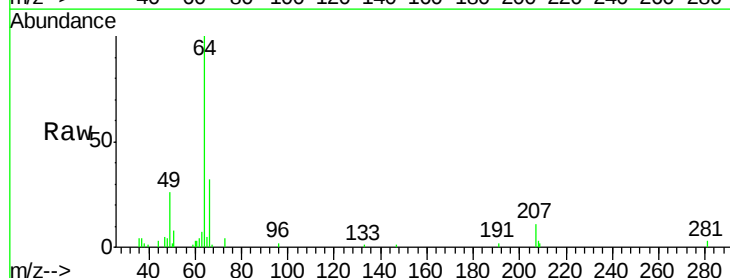
Acq: 2 Mar 2020 11:02

Tgt Ion: 64 Resp: 29159

Ion Ratio Lower Upper

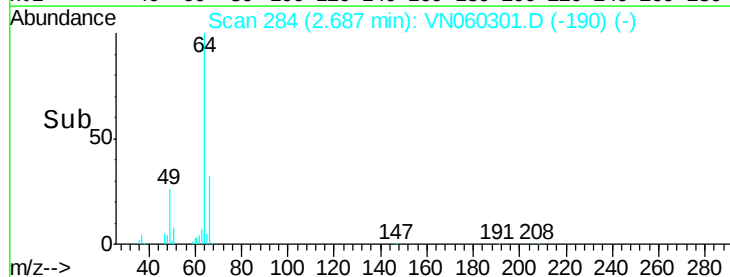
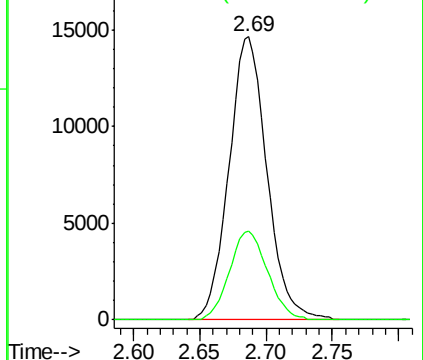
64 100

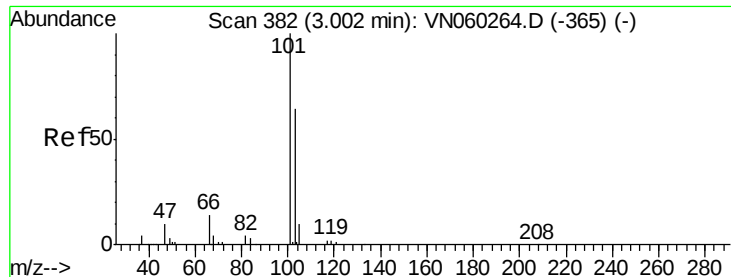
66 31.5 27.4 41.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

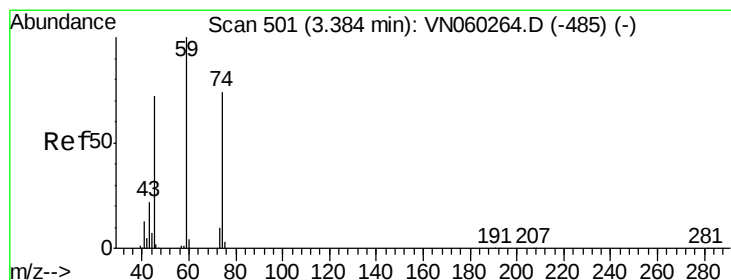
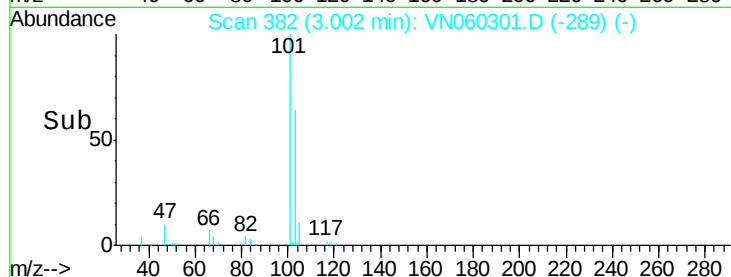
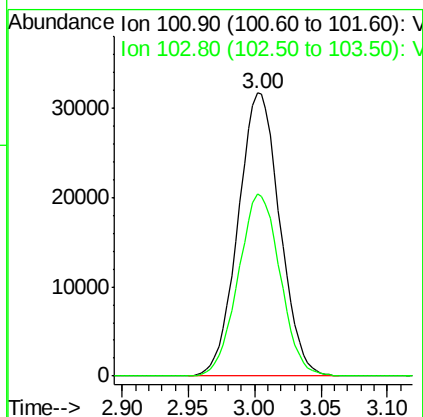
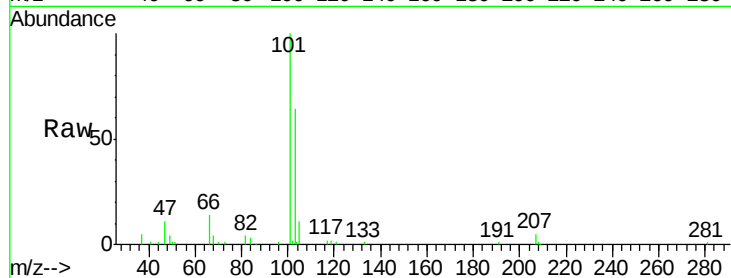
Trichlorofluoromethane
Concen: 18.185 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.00 min
Lab File: VN060301.D
Acq: 2 Mar 2020 11:02

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		69445		
103	64.3	51.3	76.9		

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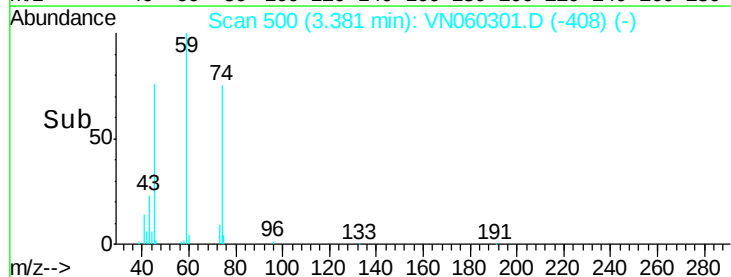
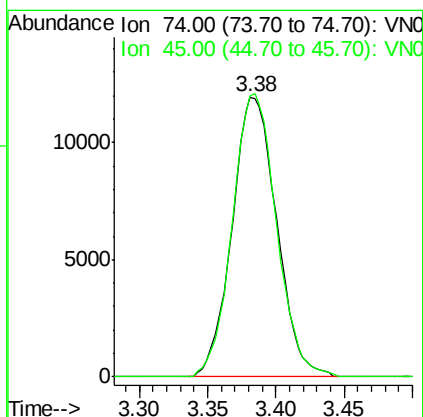
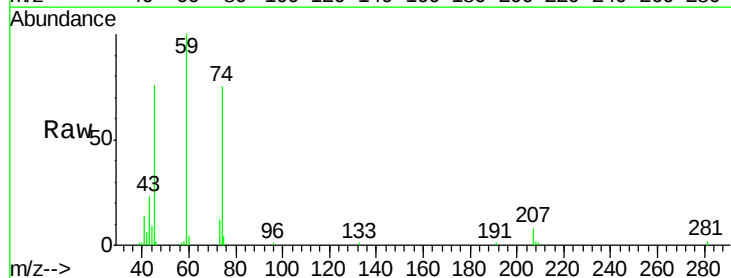
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3/3/2020 10:04:27 AM



#8

Diethyl Ether
Concen: 18.778 ug/l
RT: 3.38 min Scan# 500
Delta R.T. -0.00 min
Lab File: VN060301.D
Acq: 2 Mar 2020 11:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		27075		
45	100.2	49.5	148.7		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.534 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN060301.D

Acq: 2 Mar 2020 11:02

Instrument :

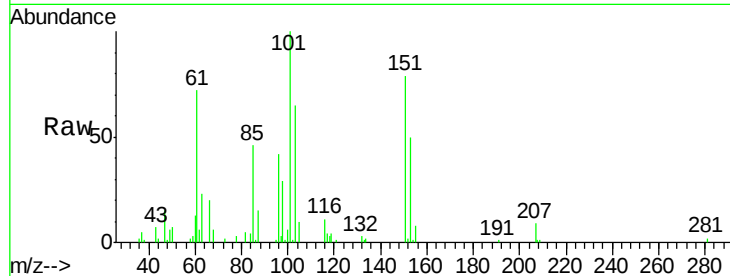
MSVOA_N

ClientSampled :

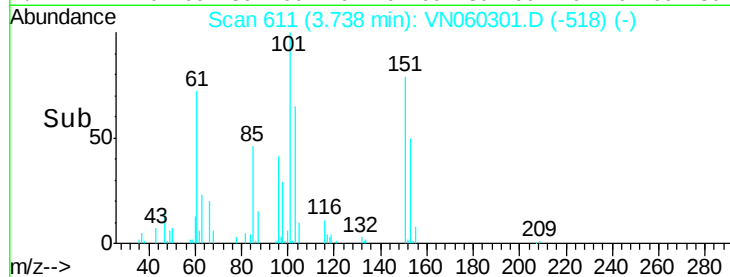
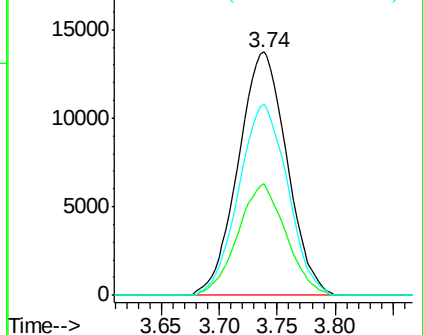
VN0302WBS01

Tot Ion:	101	Resp:	40056
Ion Ratio	Lower	Upper	
101	100		
85	45.4	35.4	53.2
151	78.7	62.0	93.0

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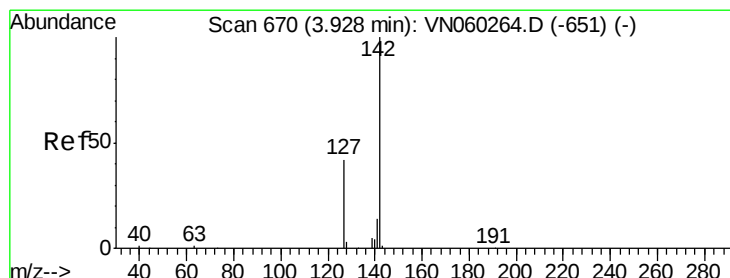


Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



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#10

Methyl Iodide

Concen: 18.328 ug/l

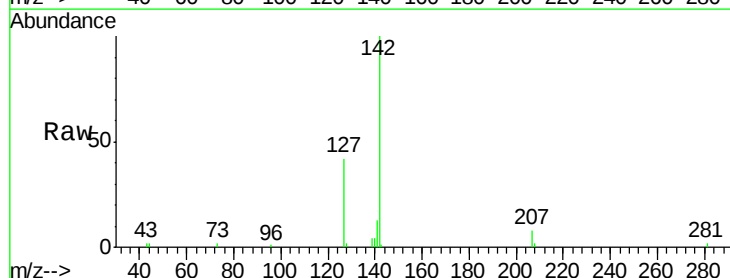
RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

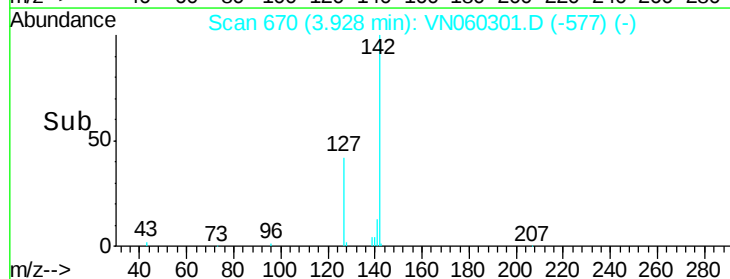
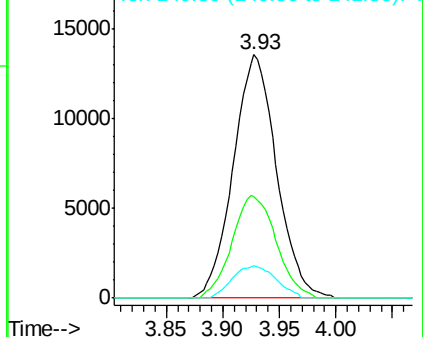
Lab File: VN060301.D

Acq: 2 Mar 2020 11:02

Tgt Ion:	142	Resp:	36151
Ion Ratio	Lower	Upper	
142	100		
127	42.9	33.8	50.6
141	13.3	11.1	16.7



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





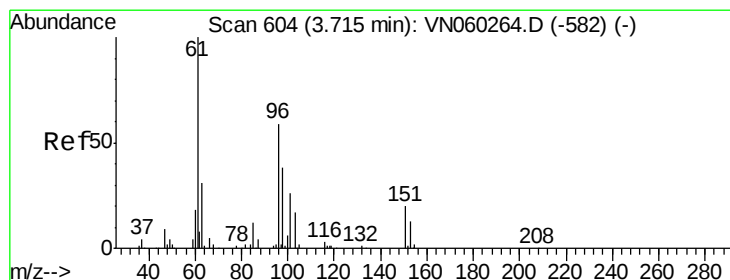
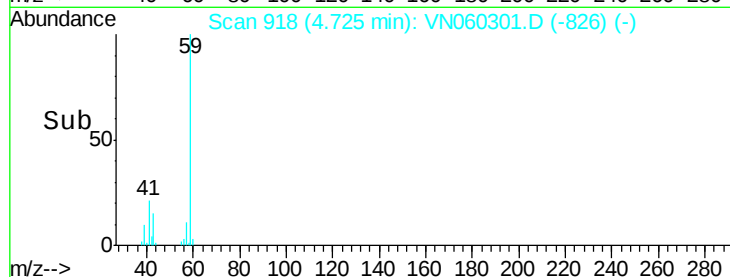
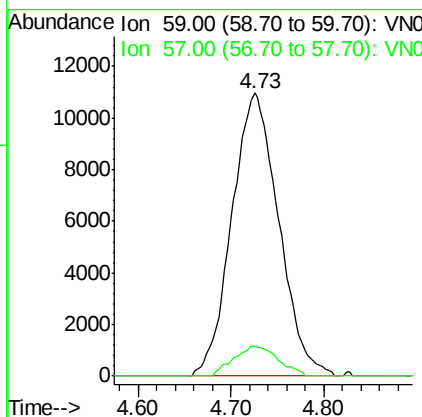
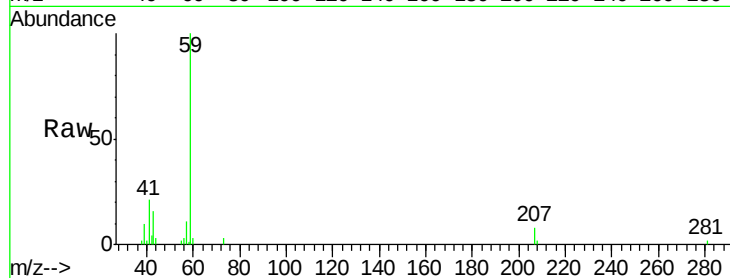
#11
Tert butyl alcohol
Concen: 92.442 ug/l
RT: 4.73 min Scan# 918
Delta R.T. -0.00 min
Lab File: VN060301.D
Acq: 2 Mar 2020 11:02

Instrument :
MSVOA_N
ClientSampleId :
VN0302WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.2

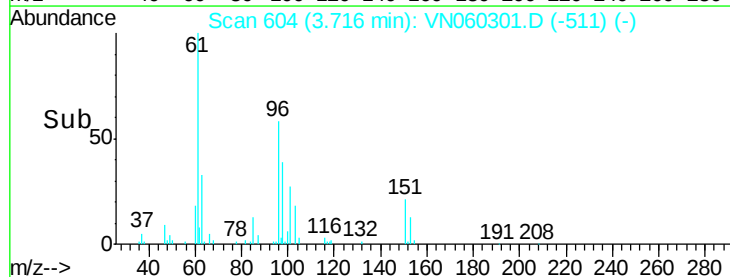
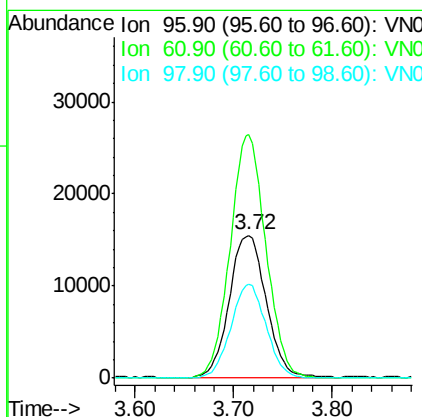
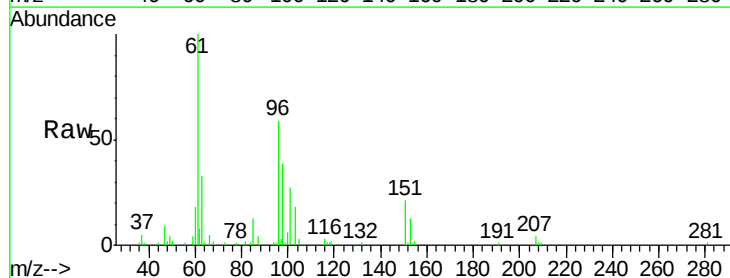
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#12
1,1-Dichloroethene
Concen: 19.342 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN060301.D
Acq: 2 Mar 2020 11:02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.3	135.4	203.0
98	65.9	51.6	77.4





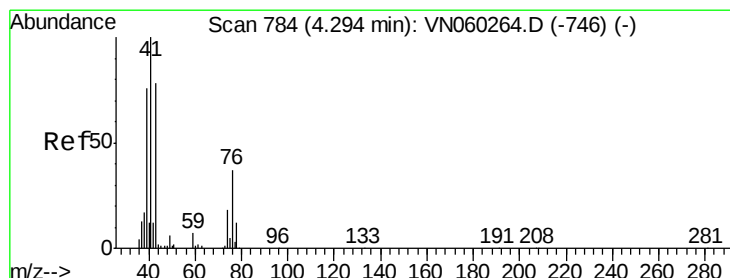
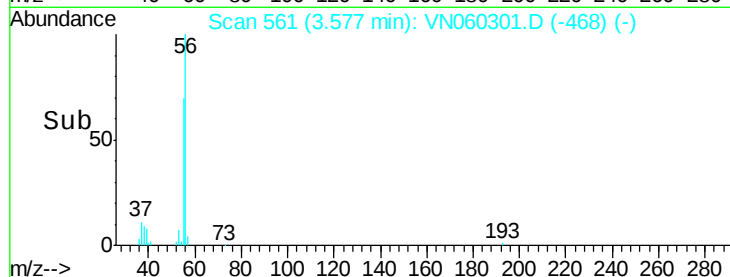
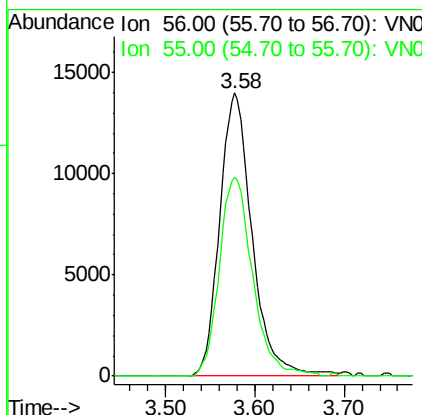
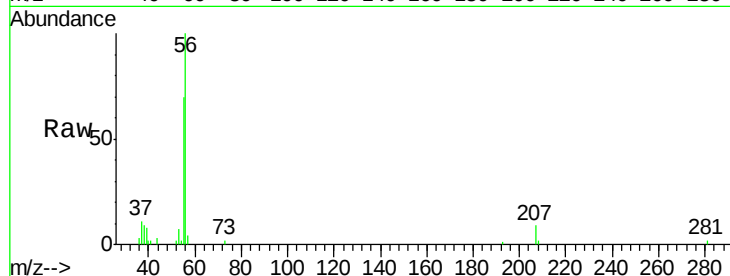
#13
Acrolein
Concen: 90.820 ug/l
RT: 3.58 min Scan# 561
Delta R.T. 0.00 min
Lab File: VN060301.D
Acq: 2 Mar 2020 11:02

Instrument :
MSVOA_N
ClientSampleId :
VN0302WBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	72.0	57.4	86.0

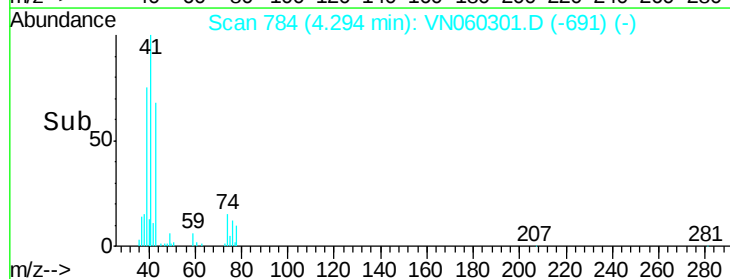
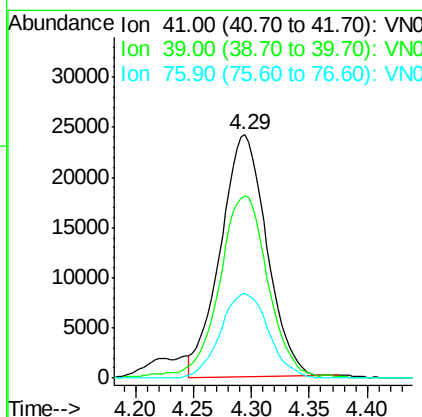
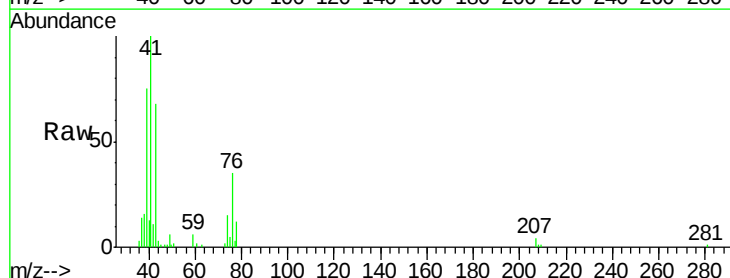
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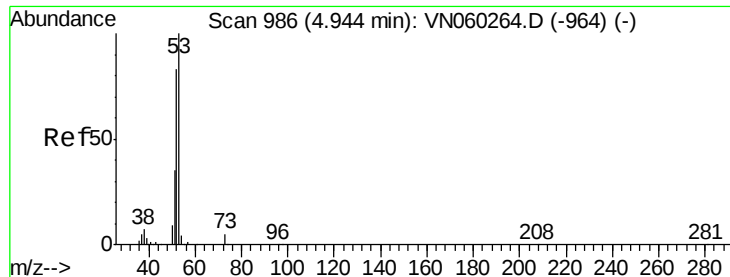
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#14
Allyl chloride
Concen: 17.245 ug/l
RT: 4.29 min Scan# 784
Delta R.T. 0.00 min
Lab File: VN060301.D
Acq: 2 Mar 2020 11:02

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	80.2	55.4	83.2
76	76	36.6	27.0	40.6





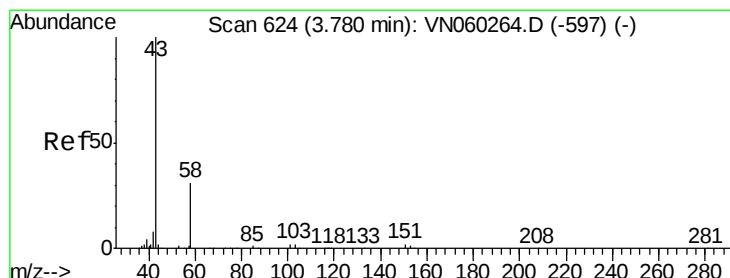
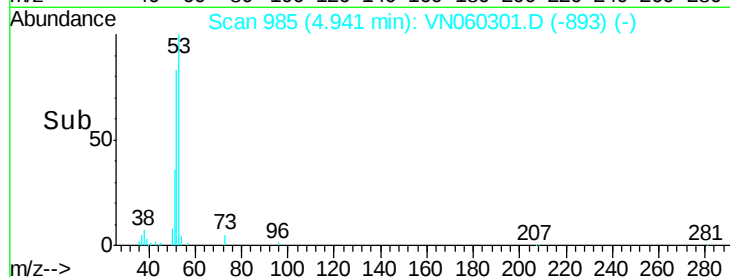
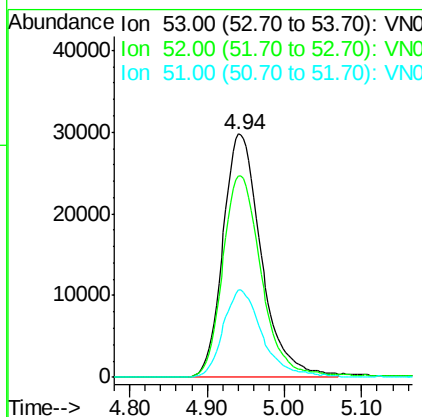
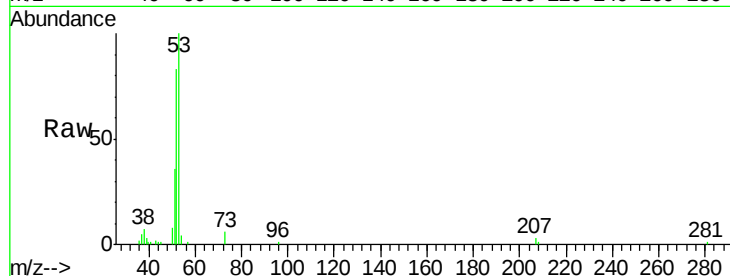
#15
 Acrylonitrile
 Concen: 93.526 ug/l
 RT: 4.94 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: VN060301.D
 Acq: 2 Mar 2020 11:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0302WBS01

Tot Ion:	53	Resp:	102541
Ion Ratio	Lower	Upper	
53	100		
52	83.0	66.8	100.2
51	36.5	29.0	43.6

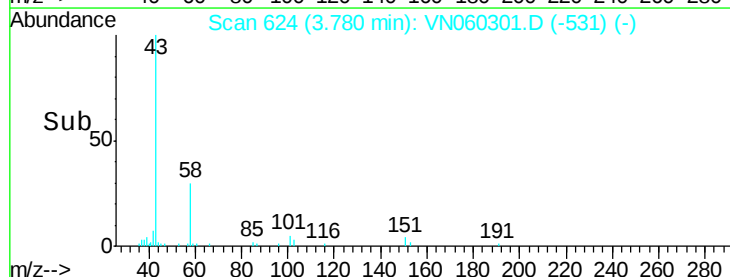
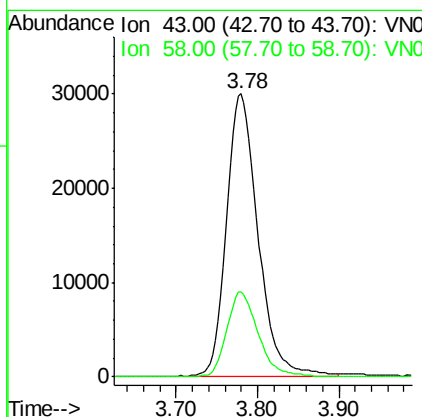
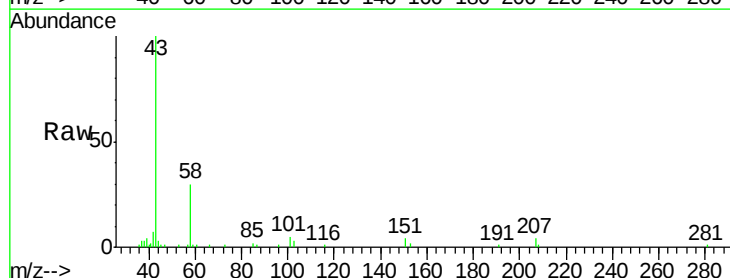
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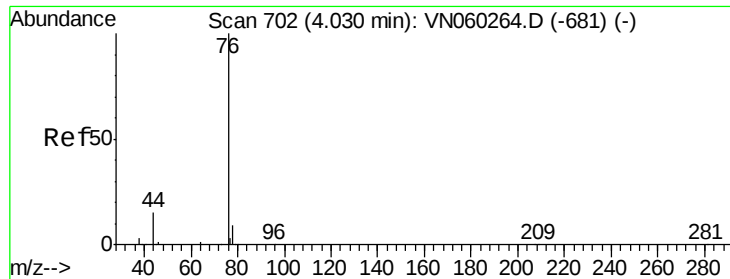
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#16
 Acetone
 Concen: 90.603 ug/l
 RT: 3.78 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: VN060301.D
 Acq: 2 Mar 2020 11:02

Tgt Ion:	43	Resp:	81962
Ion Ratio	Lower	Upper	
43	100		
58	30.2	24.6	36.8





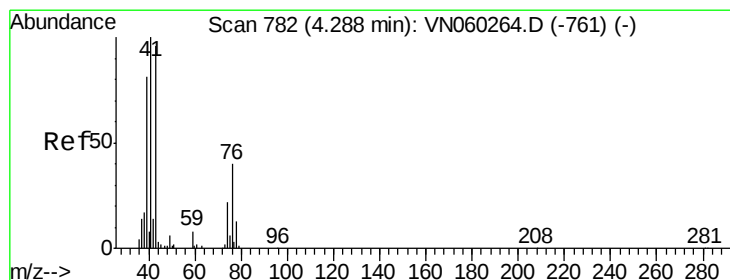
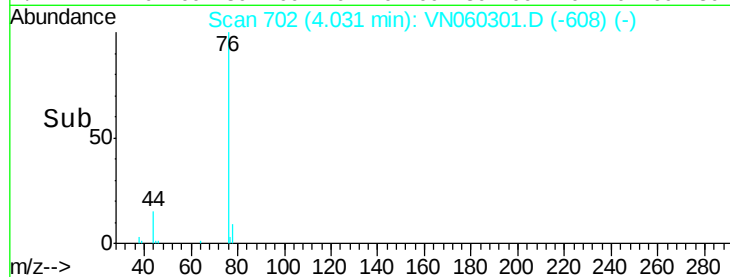
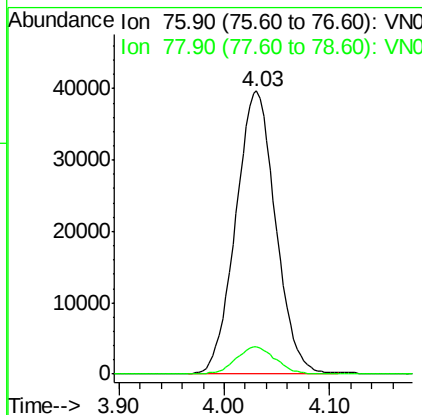
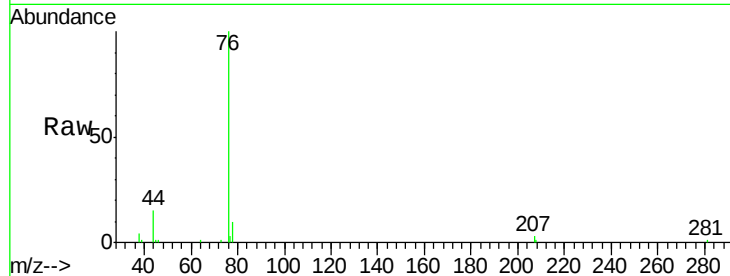
#17
Carbon Disulfide
Concen: 18.290 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN060301.D
Acq: 2 Mar 2020 11:02

Instrument :
MSVOA_N
ClientSampleId :
VN0302WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.4	11.0

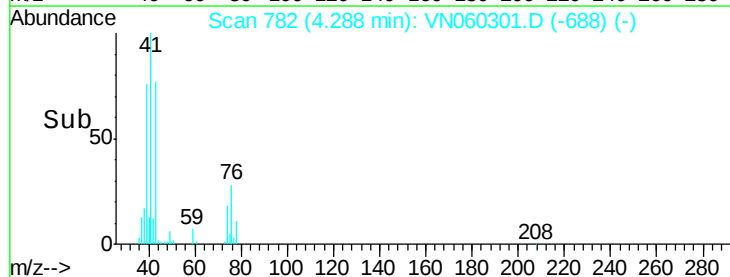
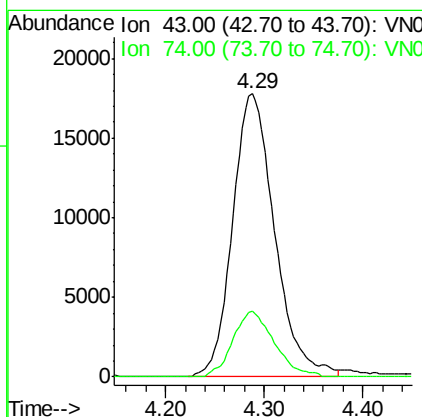
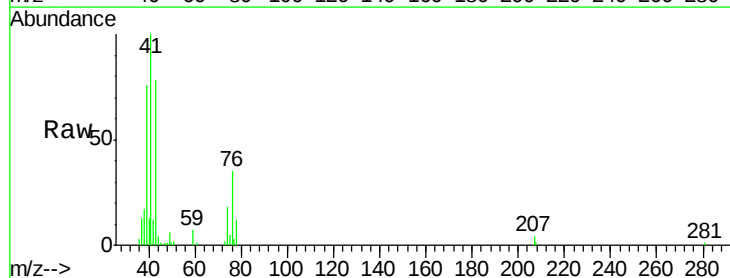
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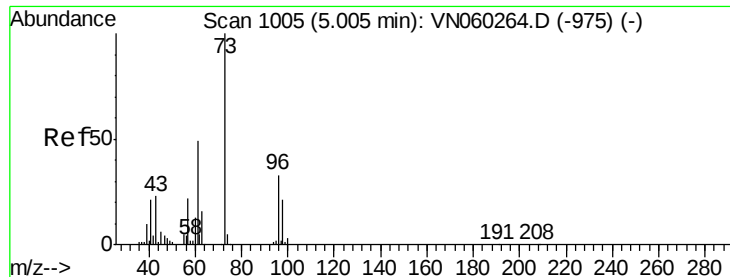
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#18
Methyl Acetate
Concen: 17.439 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.00 min
Lab File: VN060301.D
Acq: 2 Mar 2020 11:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.7	18.8	28.2





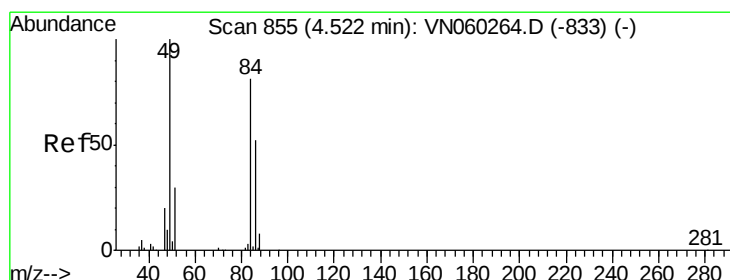
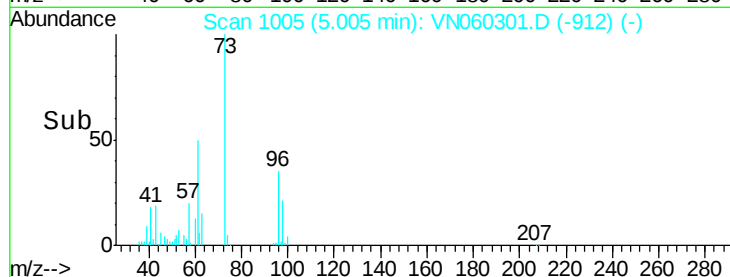
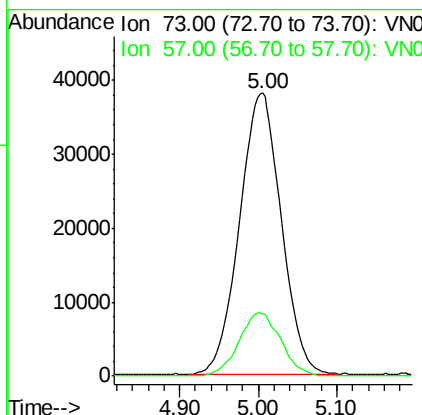
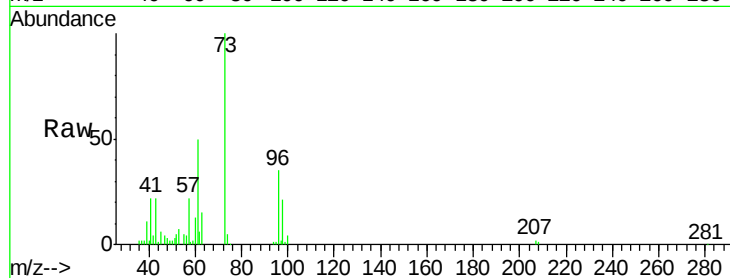
#19
Methvl tert-butvl Ether
Concen: 18.623 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: VN060301.D
Acq: 2 Mar 2020 11:02

Instrument :
MSVOA_N
ClientSampleId :
VN0302WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.3	17.3	25.9

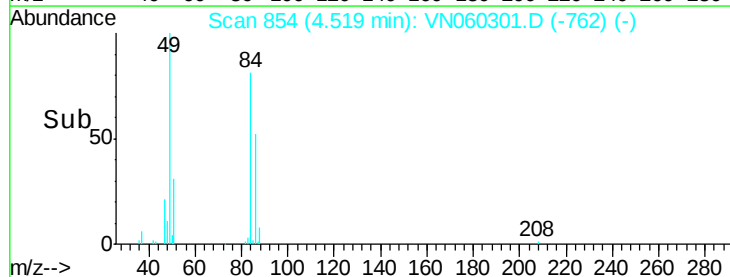
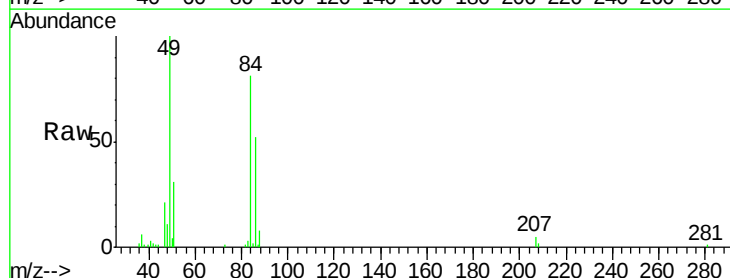
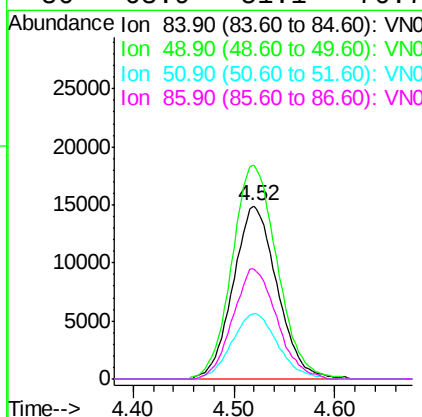
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#20
Methylene Chloride
Concen: 18.169 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060301.D
Acq: 2 Mar 2020 11:02

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.2	99.3	148.9
51	38.0	30.1	45.1
86	63.9	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 19.115 ug/l

RT: 5.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: VN060301.D

Acq: 2 Mar 2020 11:02

Instrument :

MSVOA_N

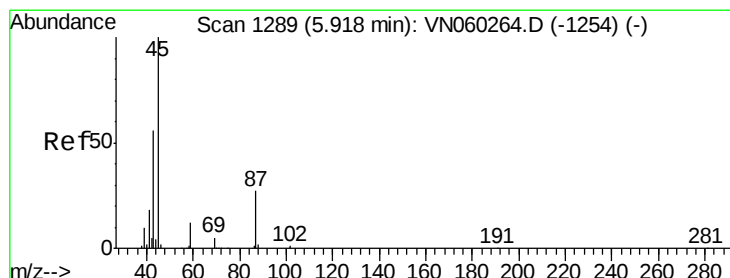
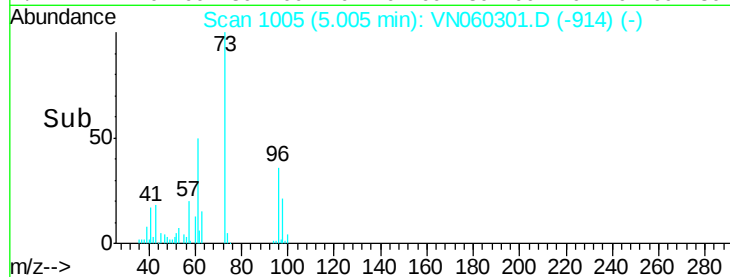
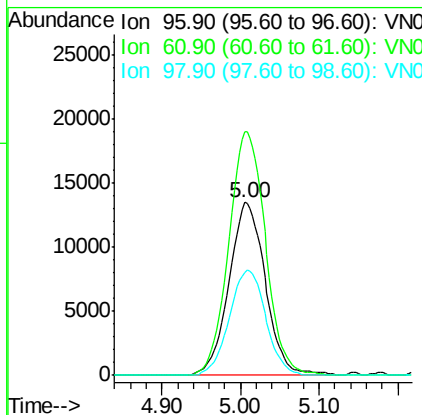
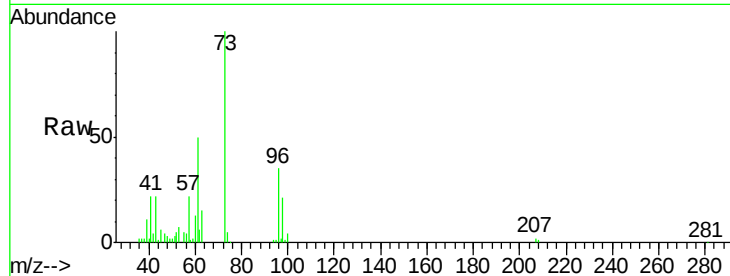
ClientSampleId :

VN0302WBS01

Tot Ion:	96	Resp:	43673
Ion	Ratio	Lower	Upper
96	100		
61	141.0	113.8	170.8
98	59.8	48.8	73.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.297 ug/l

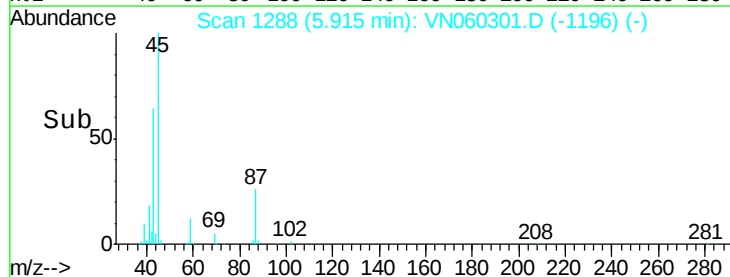
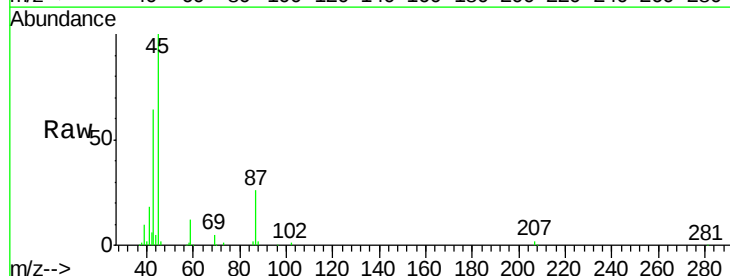
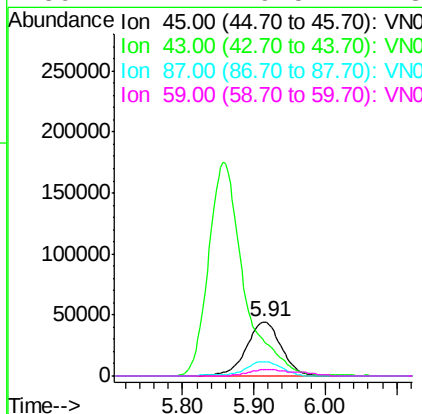
RT: 5.91 min Scan# 1288

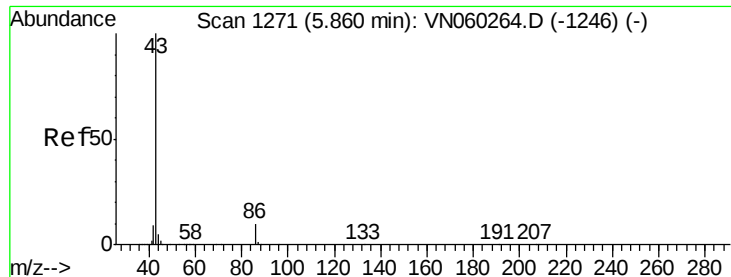
Delta R.T. -0.00 min

Lab File: VN060301.D

Acq: 2 Mar 2020 11:02

Tgt Ion:	45	Resp:	151176
Ion	Ratio	Lower	Upper
45	100		
43	62.1	48.6	72.8
87	26.4	22.2	33.2
59	11.4	9.5	14.3





#23

Vinyl Acetate

Concen: 96.512 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN060301.D

Acq: 2 Mar 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

VN0302WBS01

Tot Ion: 43 Resp: 600813

Ion Ratio Lower Upper

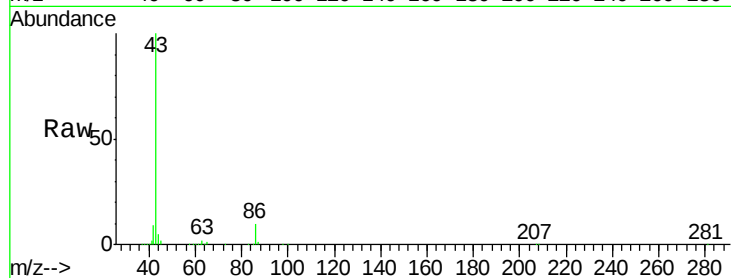
43 100

86 9.8 8.0 12.0

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Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 86.00 (85.70 to 86.70): VNO

5.86

200000

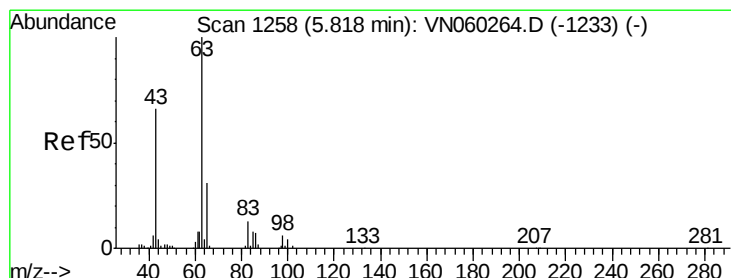
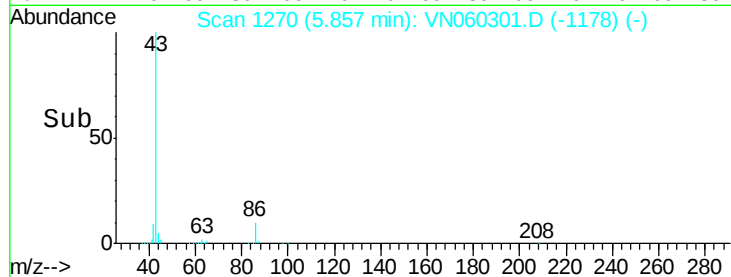
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.961 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060301.D

Acq: 2 Mar 2020 11:02

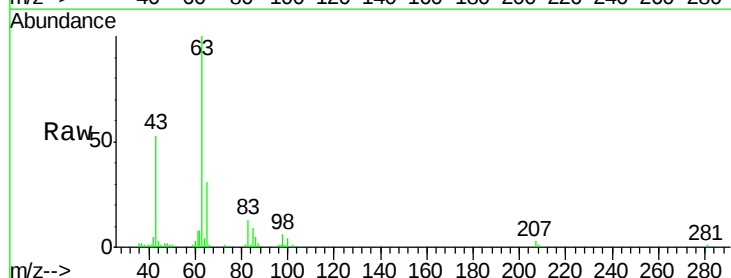
Tgt Ion: 63 Resp: 84084

Ion Ratio Lower Upper

63 100

98 6.3 3.0 9.0

100 3.7 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 97.90 (97.60 to 98.60): VNO

Ion 99.90 (99.60 to 100.60): VNO

5.82

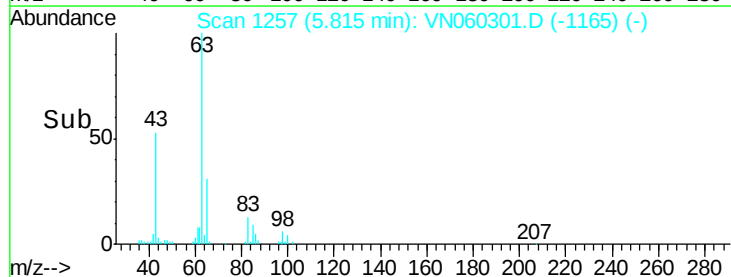
30000

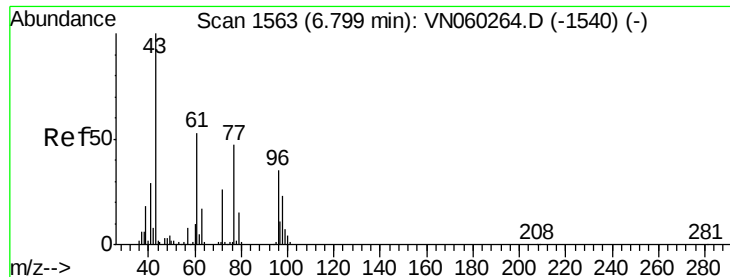
20000

10000

0

Time-->





#25

2-Butanone

Concen: 93.176 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060301.D

Acq: 2 Mar 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

VN0302WBS01

Tot Ion: 43 Resp: 136147

Ion Ratio Lower Upper

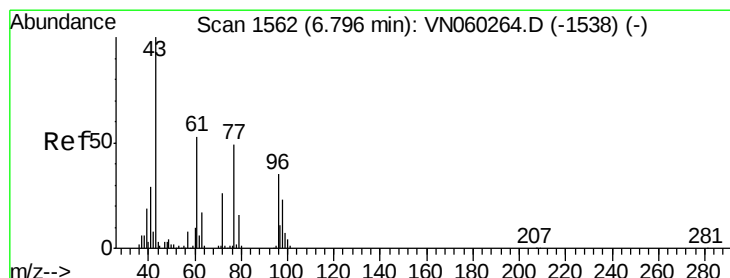
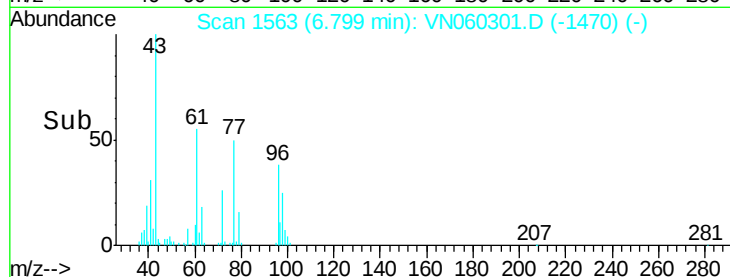
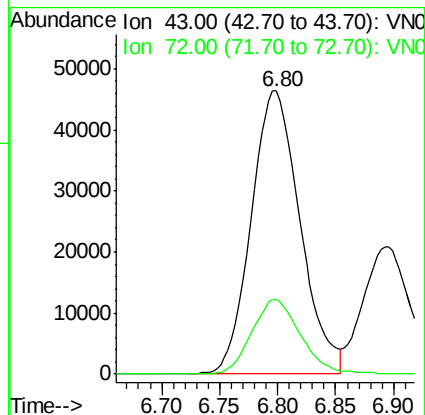
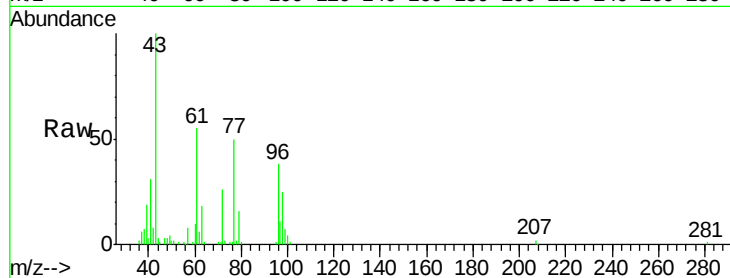
43 100

72 26.4 20.9 31.3

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 18.758 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.00 min

Lab File: VN060301.D

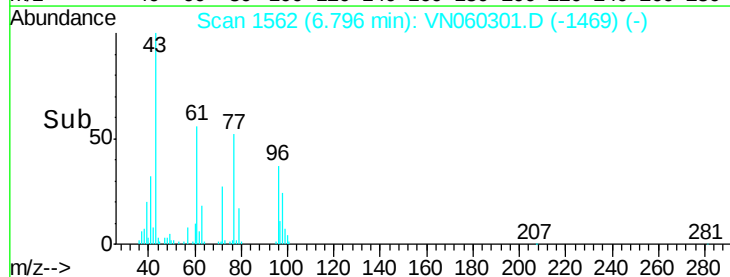
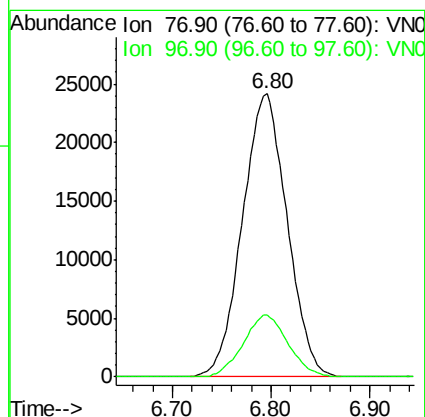
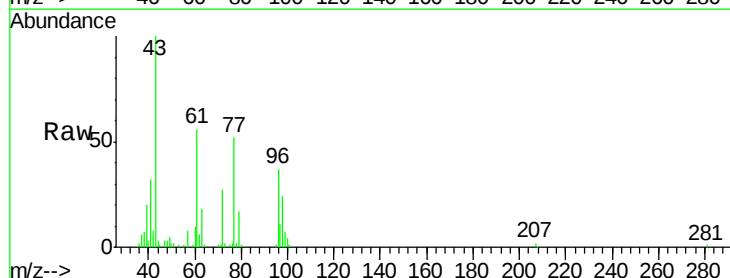
Acq: 2 Mar 2020 11:02

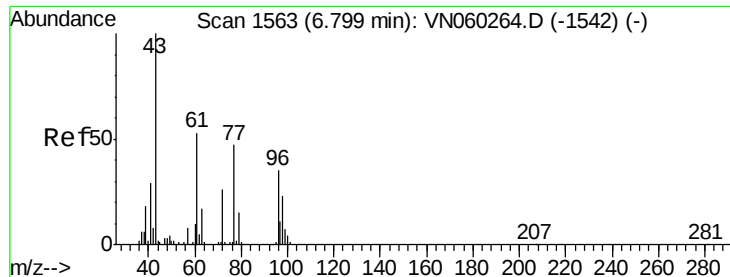
Tgt Ion: 77 Resp: 75728

Ion Ratio Lower Upper

77 100

97 21.9 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 17.548 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060301.D

Acq: 2 Mar 2020 11:02

Instrument :

MSVOA_N

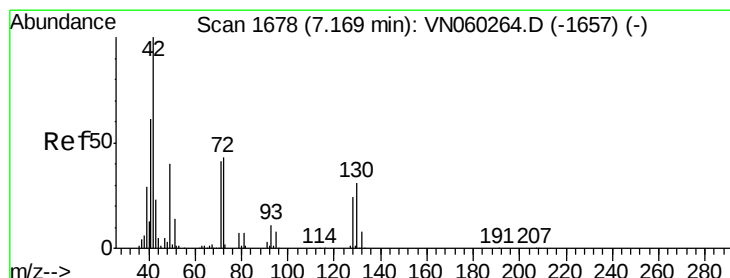
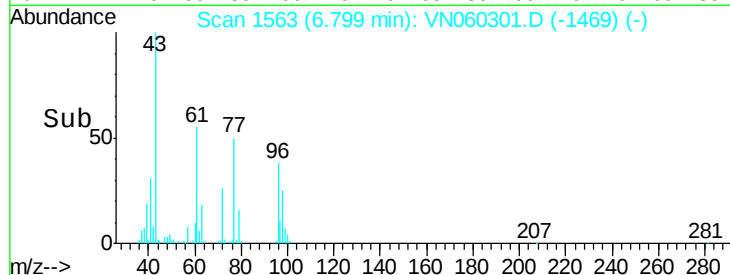
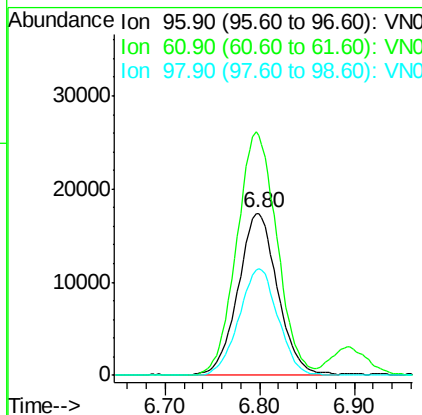
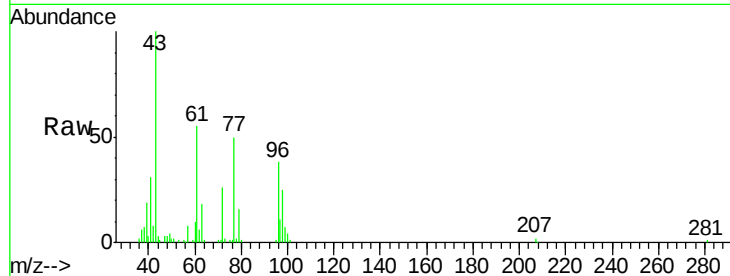
ClientSampleId :

VN0302WBS01

Tot Ion:	96	Resp:	50551
Ion	Ratio	Lower	Upper
96	100		
61	152.2	0.0	300.8
98	64.7	0.0	128.2

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#28

Bromochloromethane

Concen: 18.486 ug/l

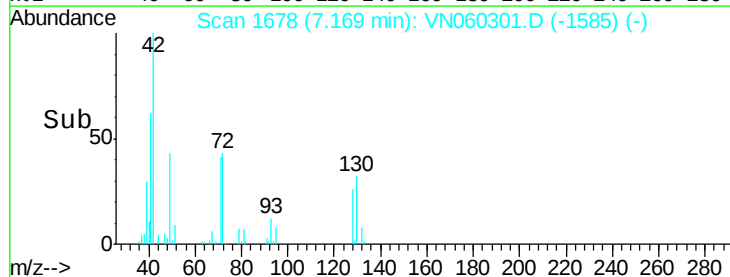
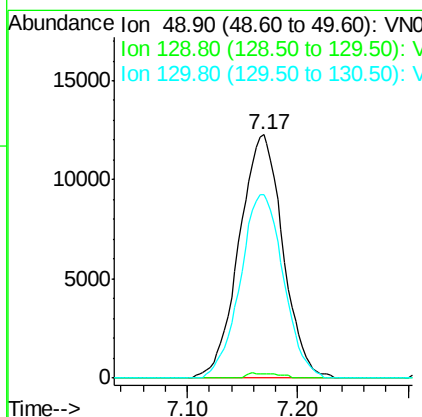
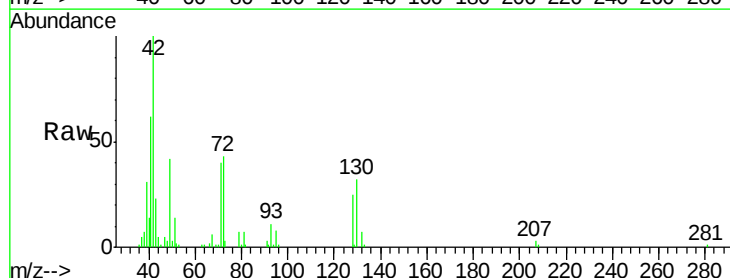
RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN060301.D

Acq: 2 Mar 2020 11:02

Tgt Ion:	49	Resp:	33659
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.8
130	74.6	59.8	89.8





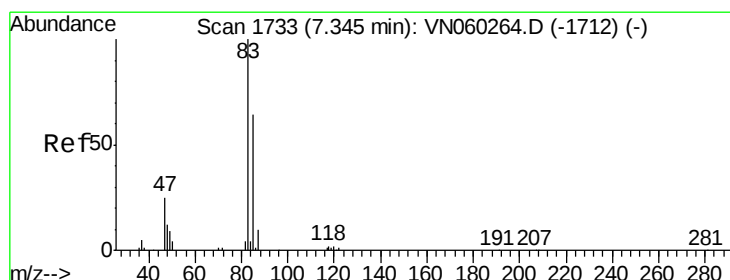
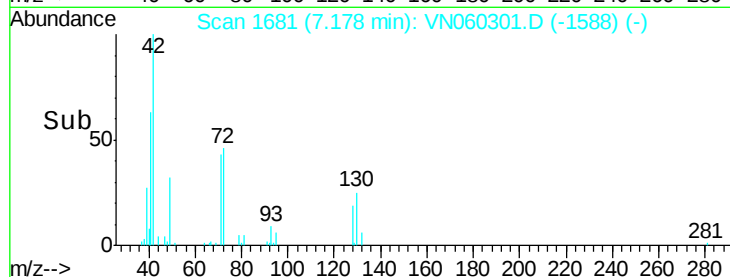
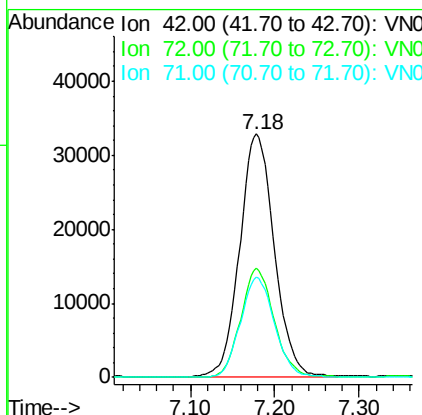
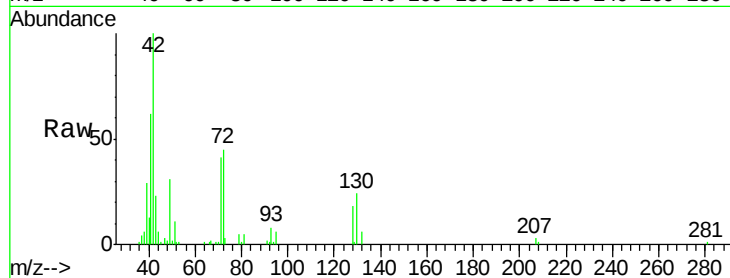
#29
Tetrahydrofuran
Concen: 92.730 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN060301.D
Acq: 2 Mar 2020 11:02

Instrument :
MSVOA_N
ClientSampleId :
VN0302WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.0	34.6	52.0
71	40.3	32.9	49.3

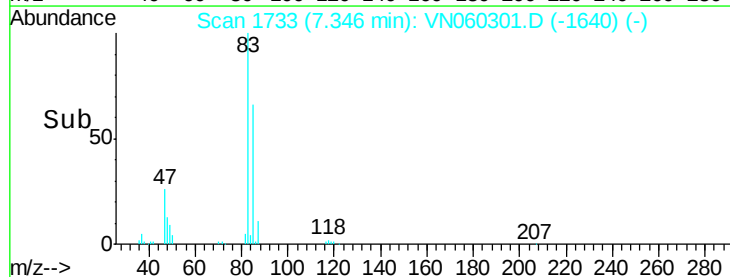
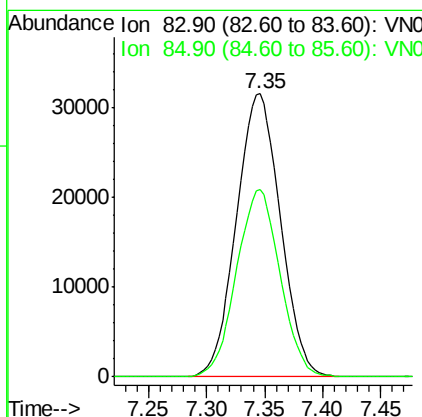
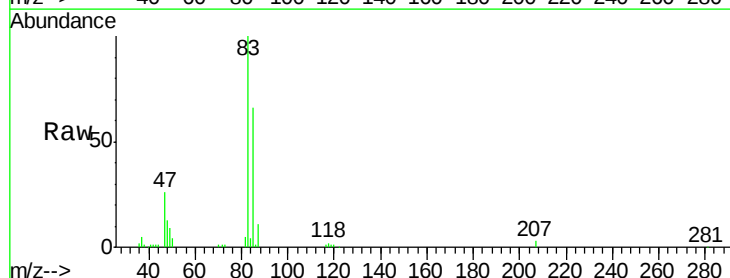
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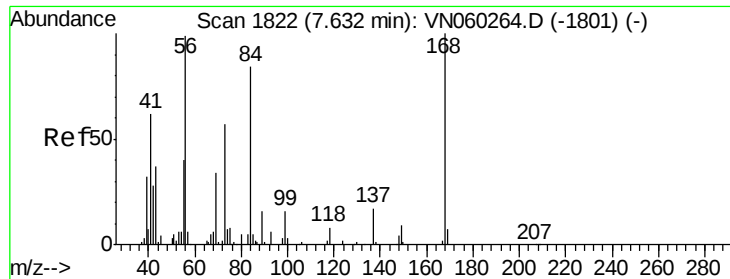
MMDadoda
3/3/2020 10:04:27 AM



#30
Chloroform
Concen: 18.874 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN060301.D
Acq: 2 Mar 2020 11:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.3	51.4	77.2





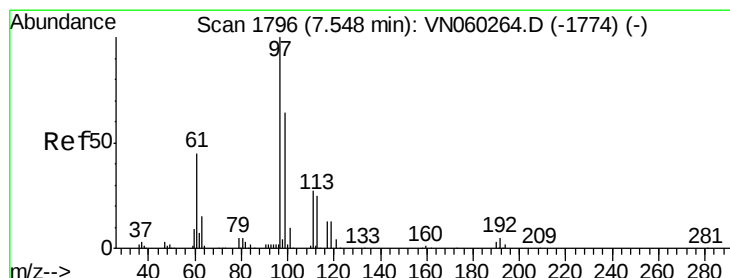
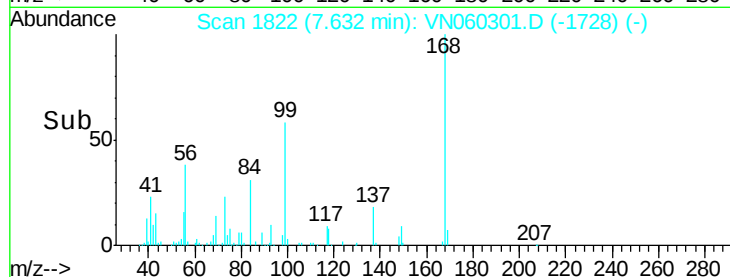
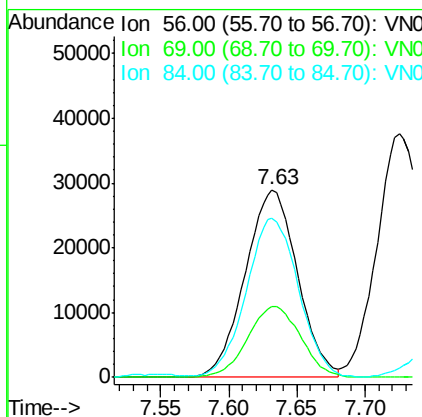
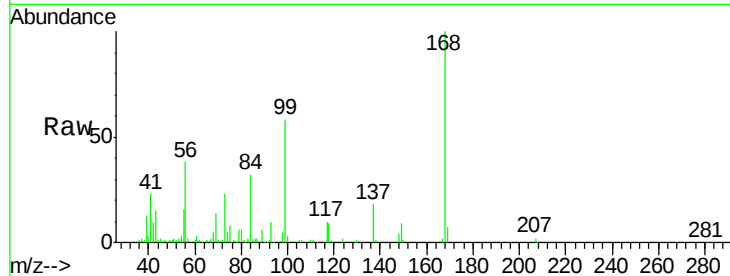
#31
Cyclohexane
Concen: 19.513 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN060301.D
Acq: 2 Mar 2020 11:02

Instrument :
MSVOA_N
ClientSampleId :
VN0302WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.7	27.2	40.8
84	83.8	66.7	100.1

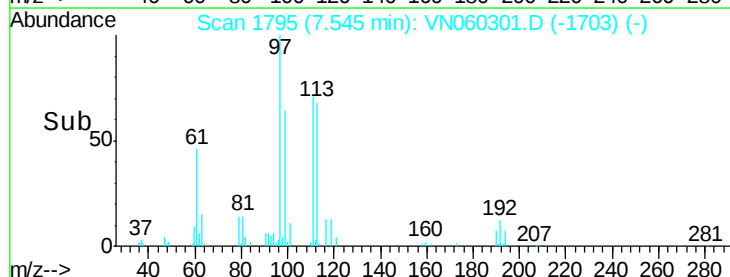
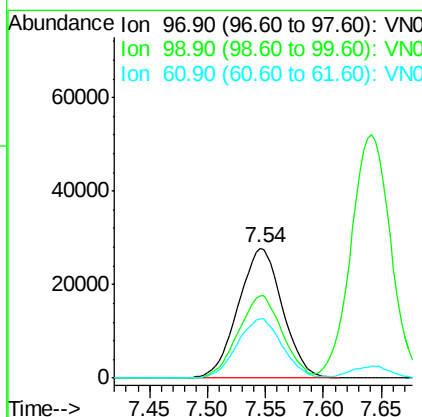
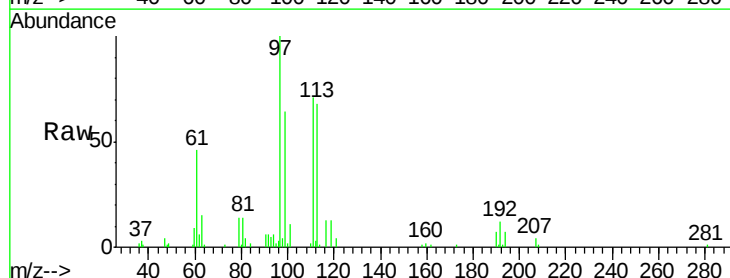
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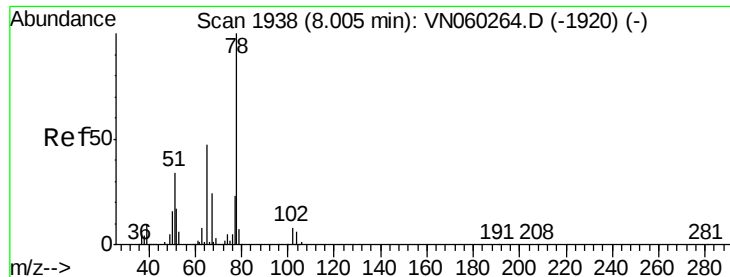
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#32
1,1,1-Trichloroethane
Concen: 18.878 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN060301.D
Acq: 2 Mar 2020 11:02

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.4	77.0
61	46.6	36.6	55.0





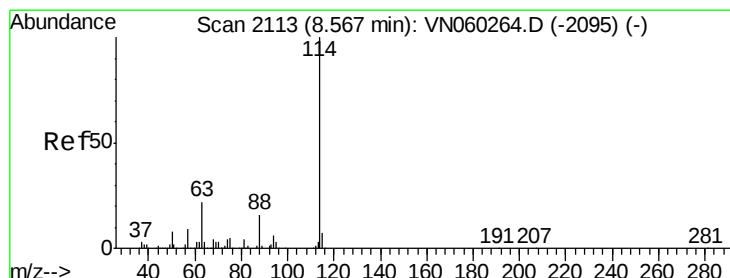
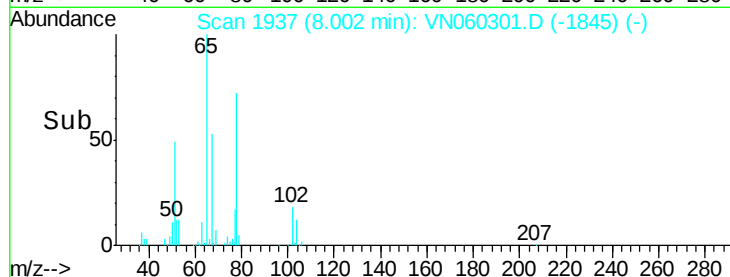
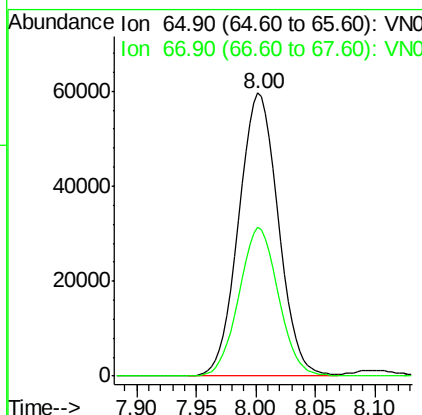
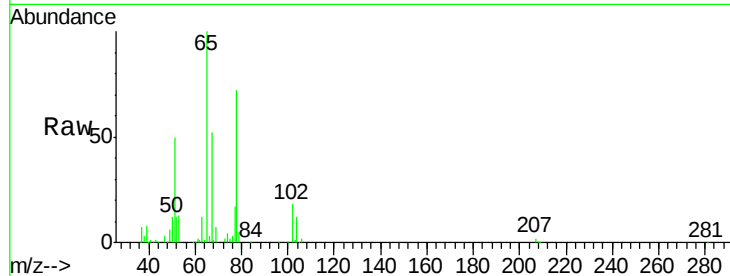
#33
 1,2-Dichloroethane-d4
 Concen: 49.245 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060301.D
 Acq: 2 Mar 2020 11:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0302WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.0	0.0	103.8	

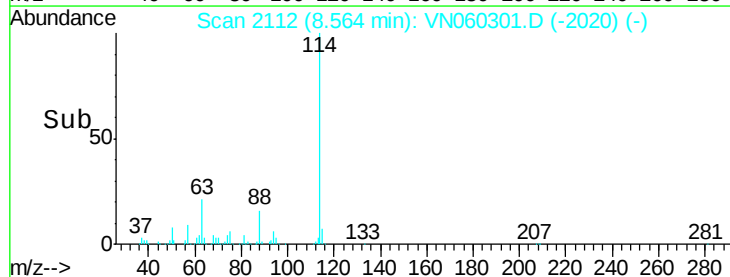
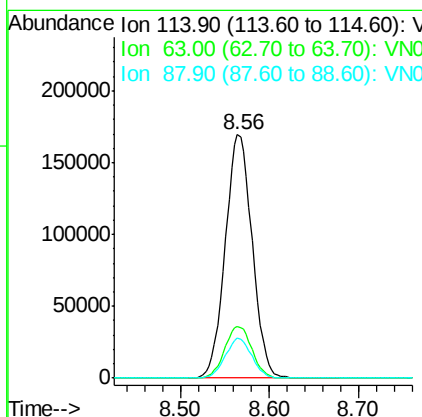
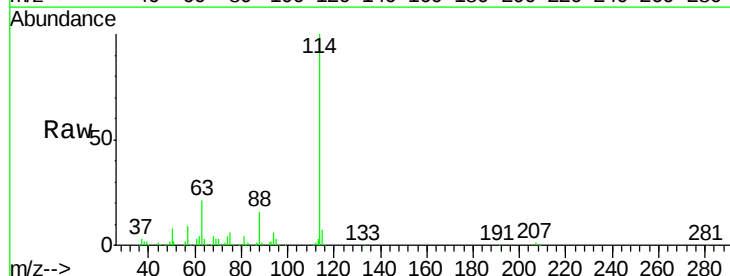
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060301.D
 Acq: 2 Mar 2020 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.1	0.0	43.2	
88	16.4	0.0	31.6	





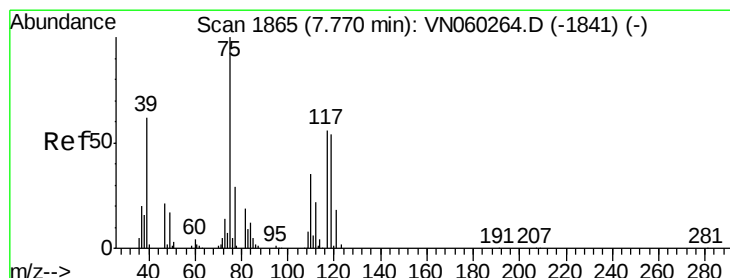
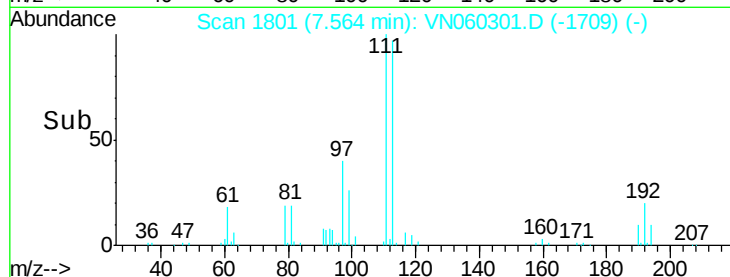
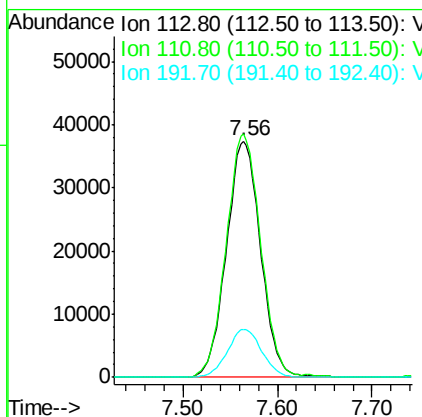
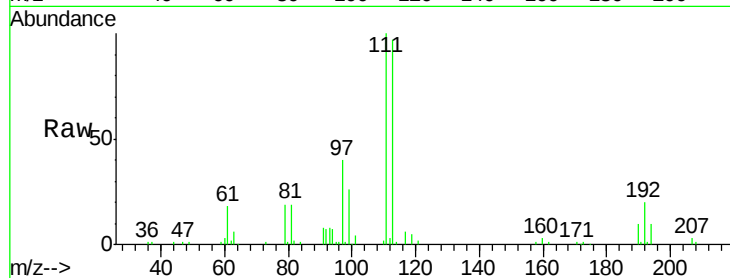
#35
 Dibromofluoromethane
 Concen: 57.181 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060301.D
 Acq: 2 Mar 2020 11:02

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0302WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.4	123.6
192	20.5	16.2	24.2

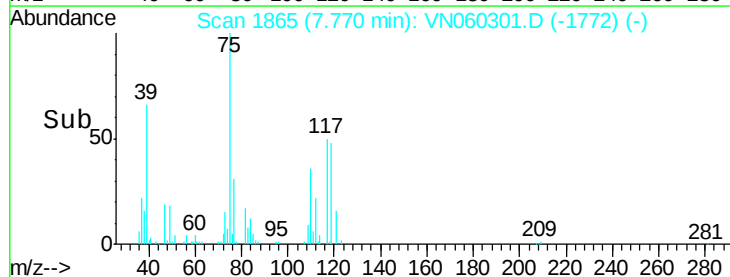
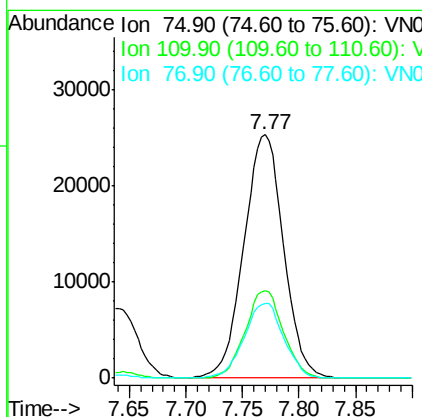
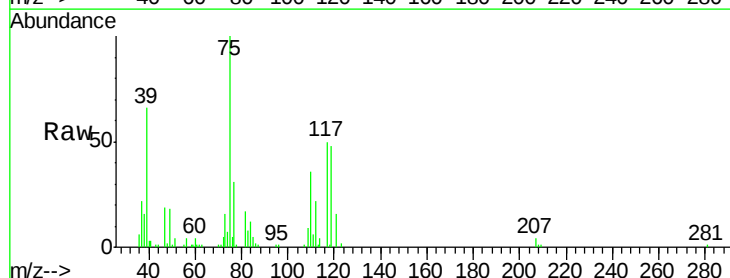
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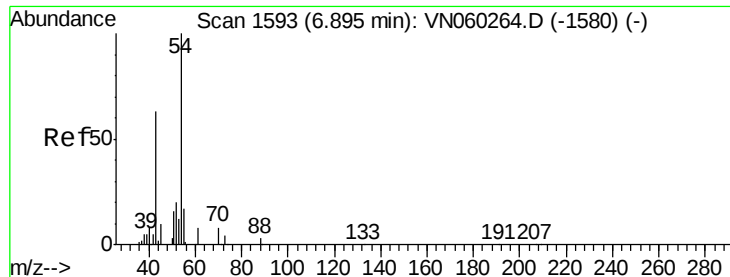
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#36
 1,1-Dichloropropene
 Concen: 18.312 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN060301.D
 Acq: 2 Mar 2020 11:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.5	17.3	52.0
77	30.7	24.2	36.2





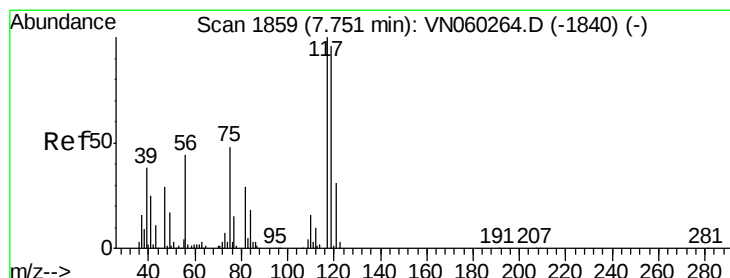
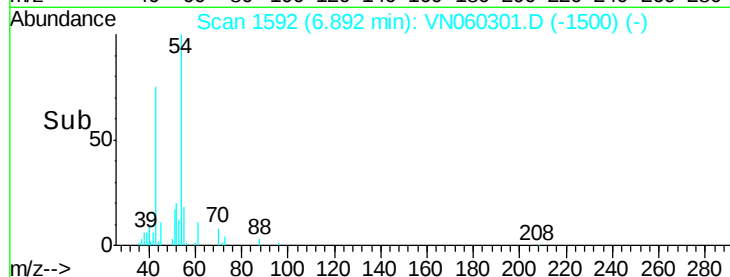
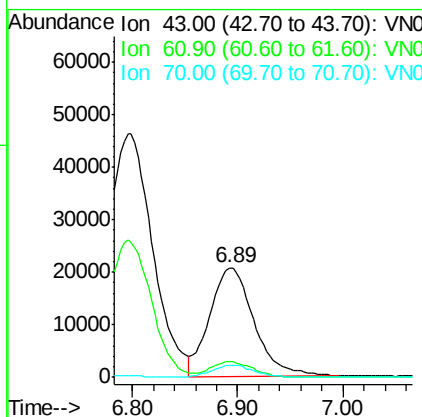
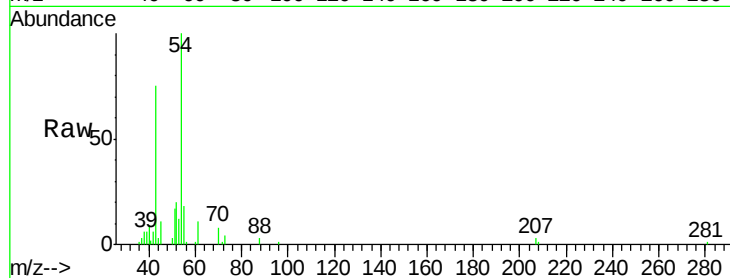
#37
Ethyl Acetate
Concen: 18.849 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN060301.D
Acq: 2 Mar 2020 11:02

Instrument :
MSVOA_N
ClientSampleID :
VN0302WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.1	16.7
70	10.4	8.4	12.6

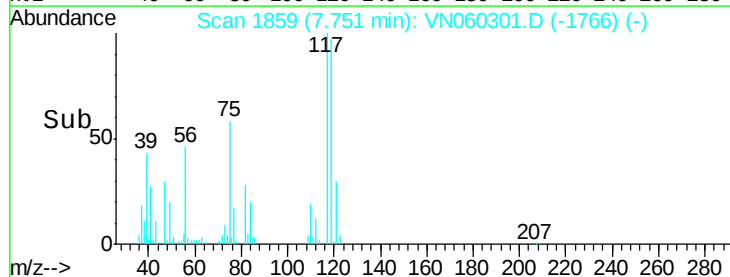
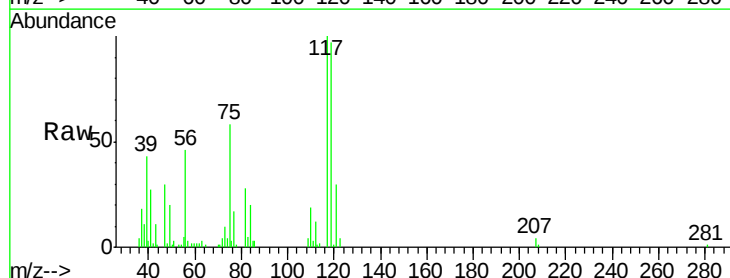
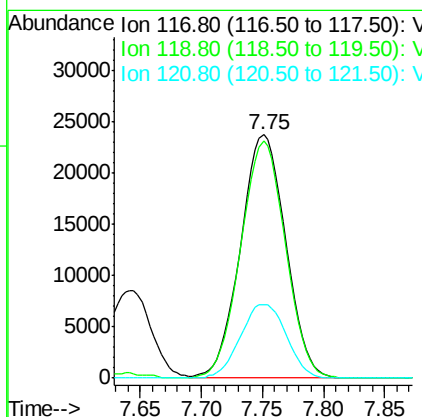
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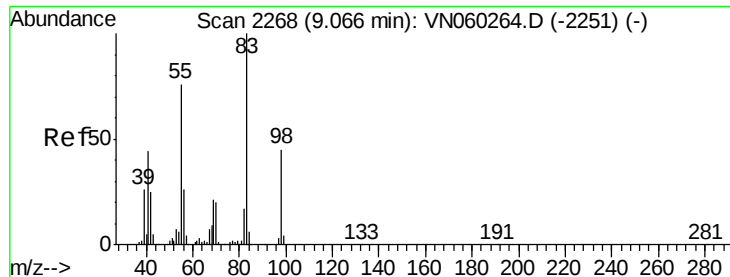
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#38
Carbon Tetrachloride
Concen: 18.602 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN060301.D
Acq: 2 Mar 2020 11:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.7	115.1
121	30.4	24.5	36.7





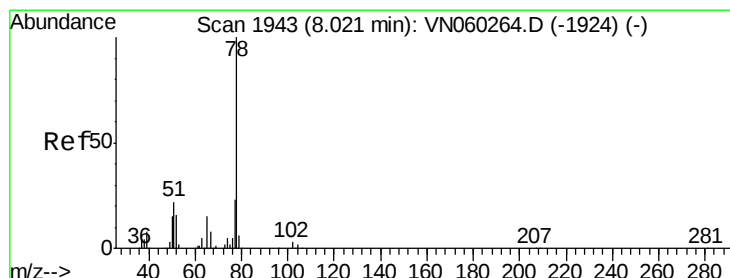
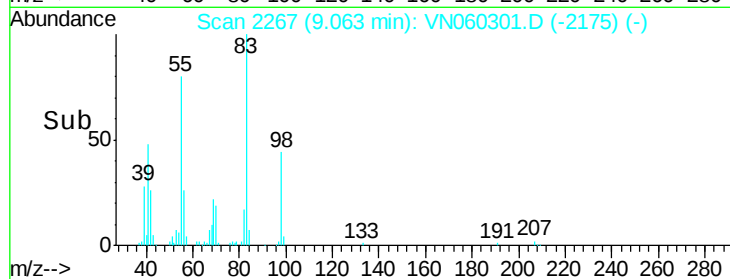
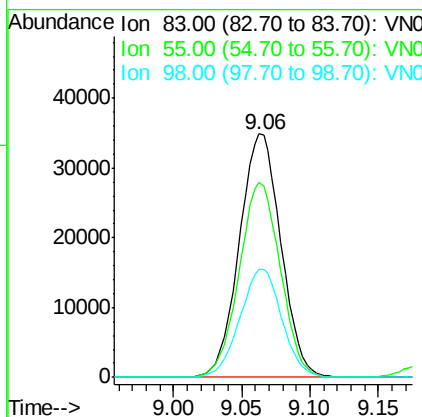
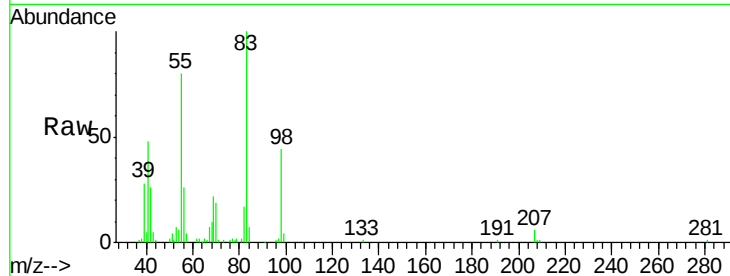
#39
Methvlcvclohexane
Concen: 18.559 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060301.D
Acq: 2 Mar 2020 11:02

Instrument :
MSVOA_N
ClientSampleId :
VN0302WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.2	61.0	91.4
98	44.3	36.1	54.1

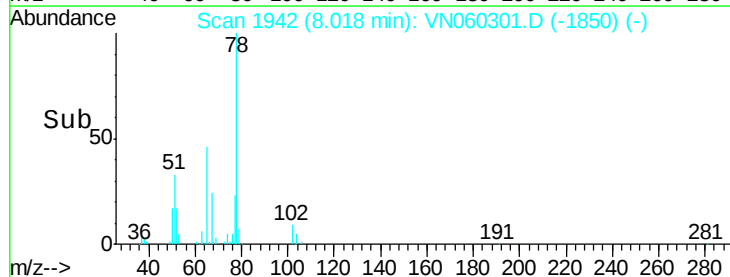
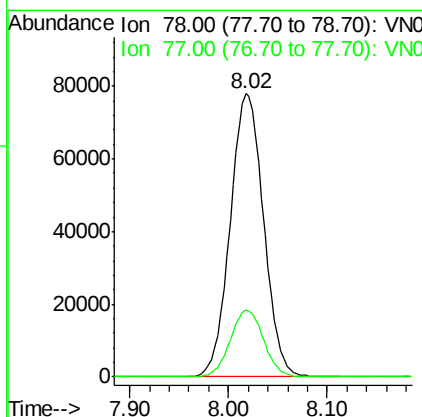
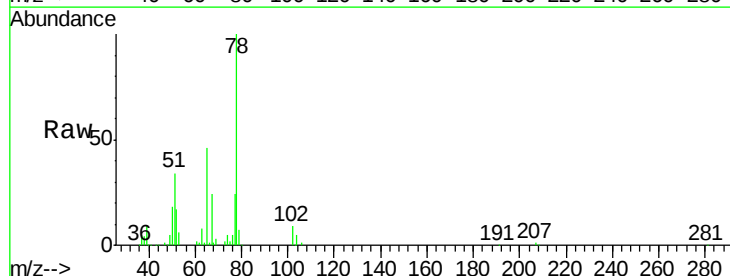
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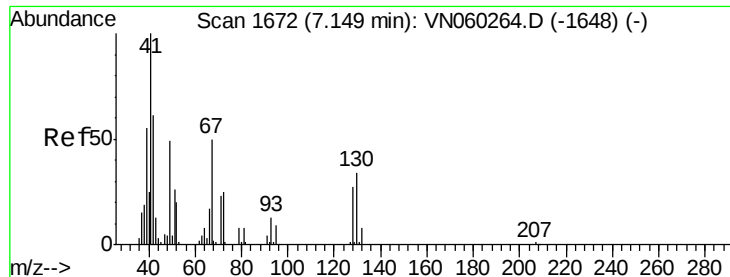
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#40
Benzene
Concen: 18.728 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060301.D
Acq: 2 Mar 2020 11:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.8	28.2





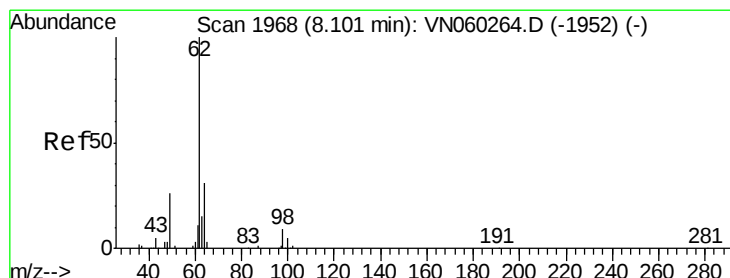
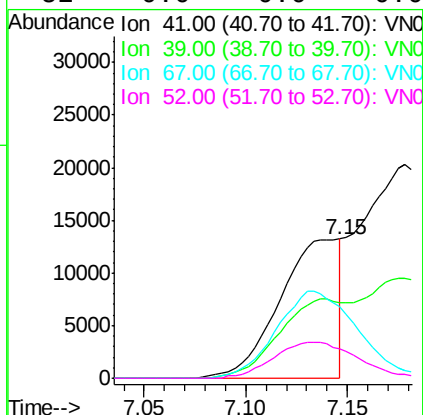
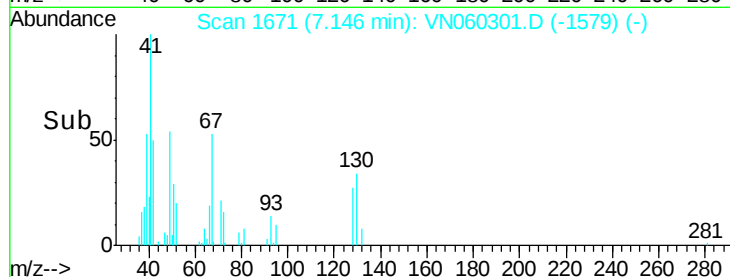
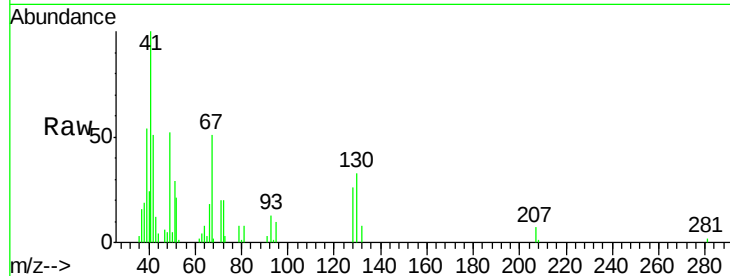
#41
Methacrylonitrile
Concen: 18.527 ug/l m
RT: 7.15 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VN060301.D
Acq: 2 Mar 2020 11:02

Instrument :
MSVOA_N
ClientSampleId :
VN0302WBS01

Tot Ion	41	Resp	27297
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

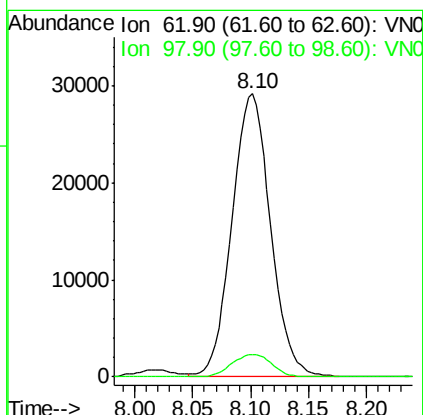
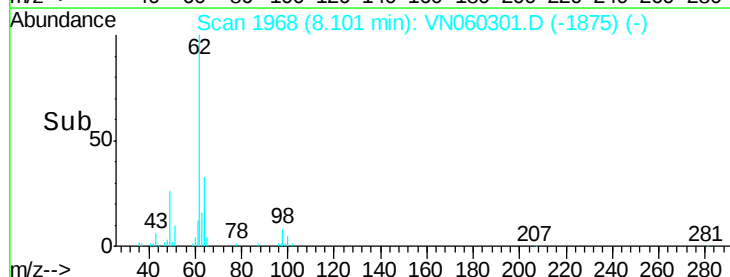
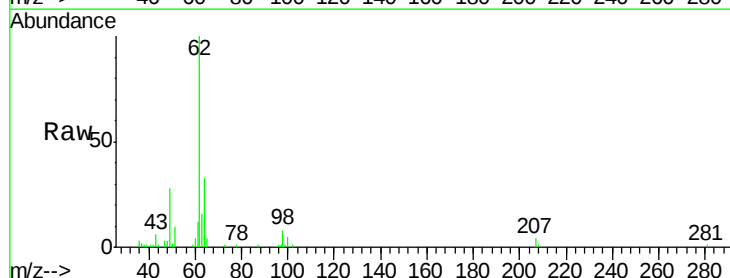
Manual Integrations
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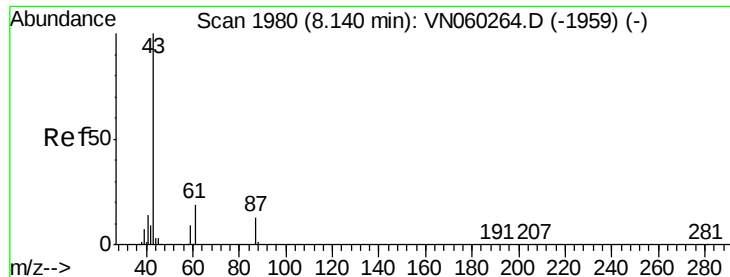
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#42
1,2-Dichloroethane
Concen: 19.041 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN060301.D
Acq: 2 Mar 2020 11:02

Tgt Ion	62	Resp	67394
Ion Ratio	Lower	Upper	
62	100		
98	8.1	0.0	17.0





#43

Isopropyl Acetate

Concen: 19.017 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060301.D

Acq: 2 Mar 2020 11:02

Instrument :

MSVOA_N

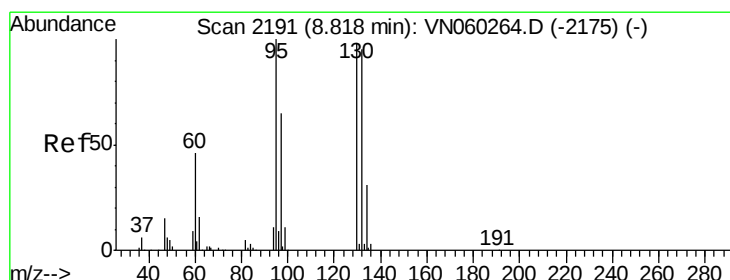
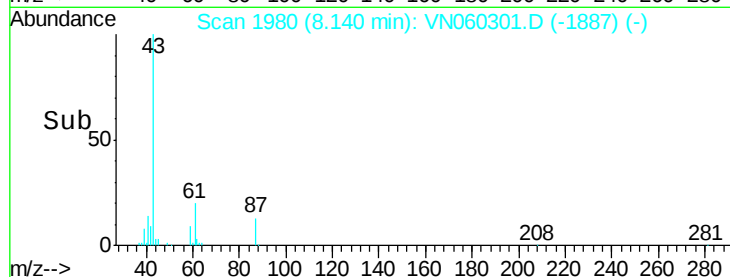
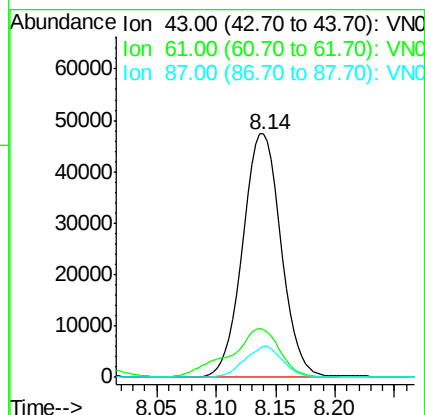
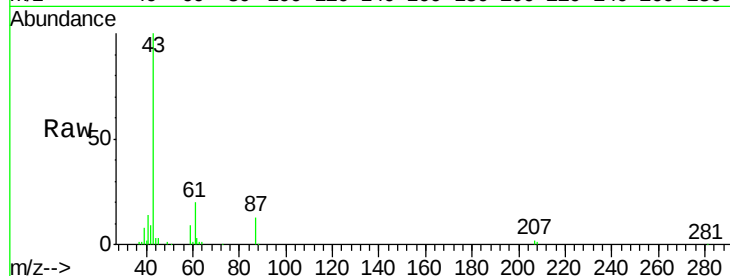
ClientSampleId :

VN0302WBS01

Tot Ion	43	Resp	106231
Ion Ratio	Lower	Upper	
43	100		
61	26.2	20.9	31.3
87	12.6	10.6	16.0

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#44

Trichloroethene

Concen: 18.491 ug/l

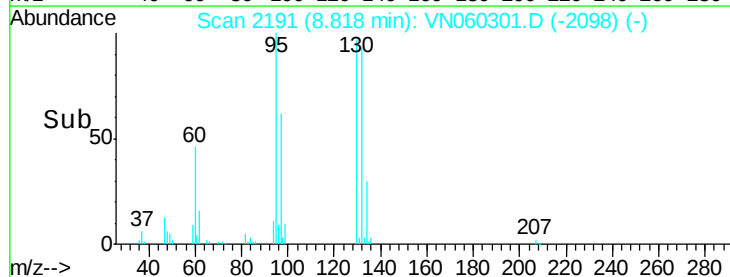
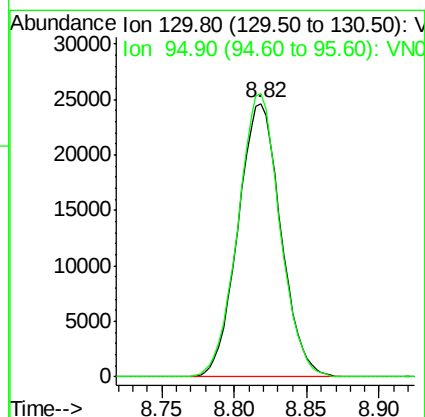
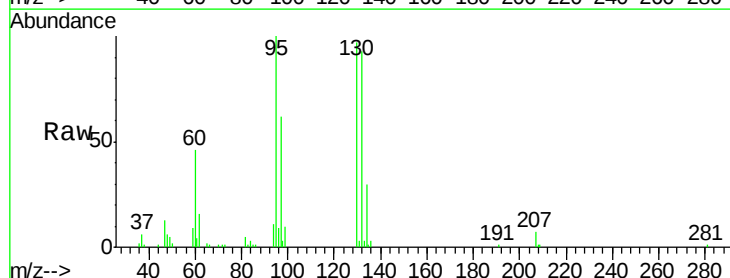
RT: 8.82 min Scan# 2191

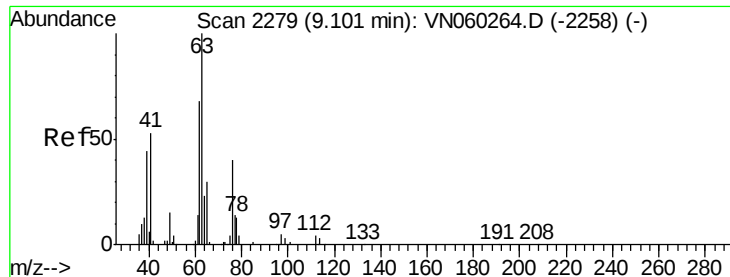
Delta R.T. 0.00 min

Lab File: VN060301.D

Acq: 2 Mar 2020 11:02

Tgt Ion	130	Resp	50511
Ion Ratio	Lower	Upper	
130	100		
95	103.5	0.0	203.4





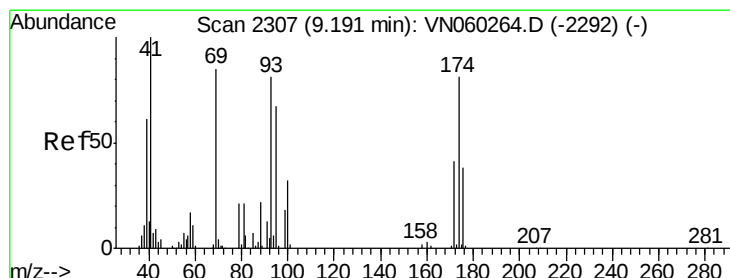
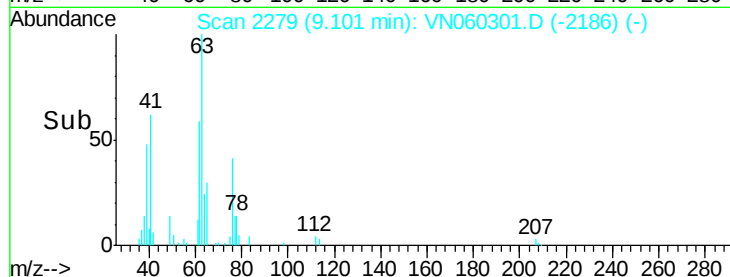
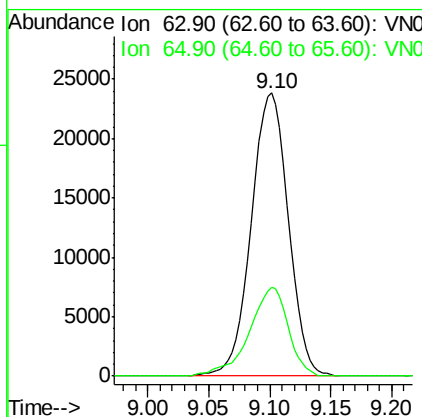
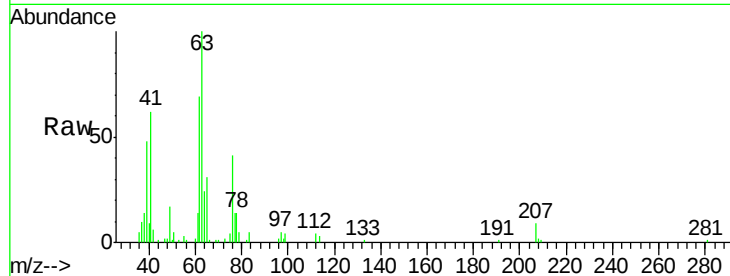
#45
 1,2-Dichloropropane
 Concen: 19.527 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: VN060301.D
 Acq: 2 Mar 2020 11:02

Instrument :
 MSVOA_N
 ClientSampled :
 VN0302WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.3	24.4	36.6

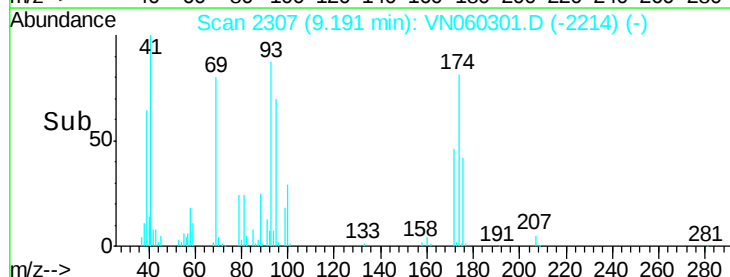
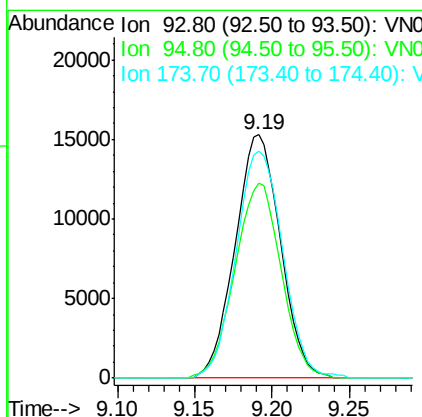
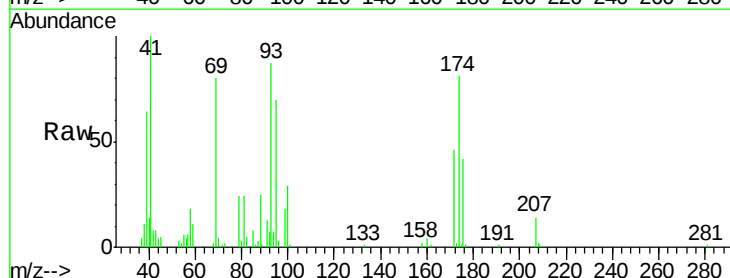
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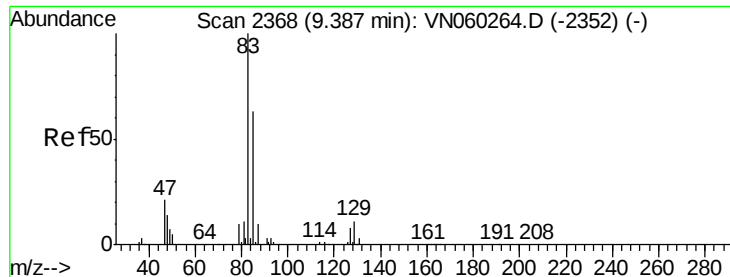
MMDadoda
 3/3/2020 10:04:27 AM



#46
 Dibromomethane
 Concen: 18.737 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN060301.D
 Acq: 2 Mar 2020 11:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.8	65.9	98.9
174	96.2	79.6	119.4





#47

Bromodichloromethane

Concen: 18.992 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060301.D

Acq: 2 Mar 2020 11:02

Instrument :

MSVOA_N

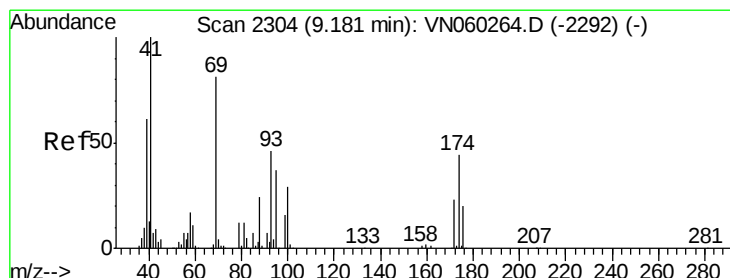
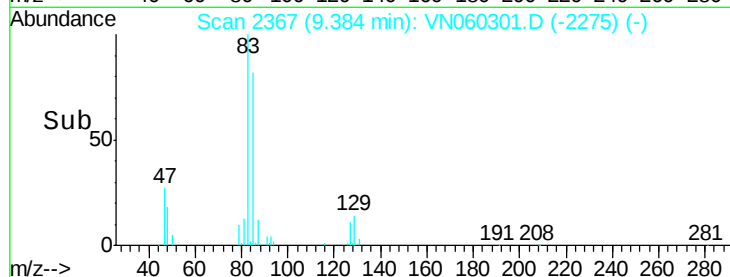
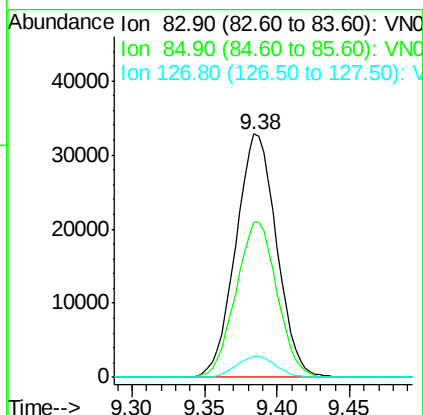
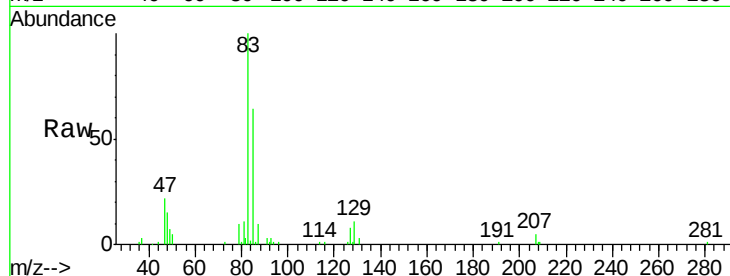
ClientSampleId :

VN0302WBS01

Tot Ion:	83	Resp:	64272
Ion	Ratio	Lower	Upper
83	100		
85	63.7	50.7	76.1
127	8.3	6.8	10.2

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#48

Methyl methacrylate

Concen: 18.106 ug/l

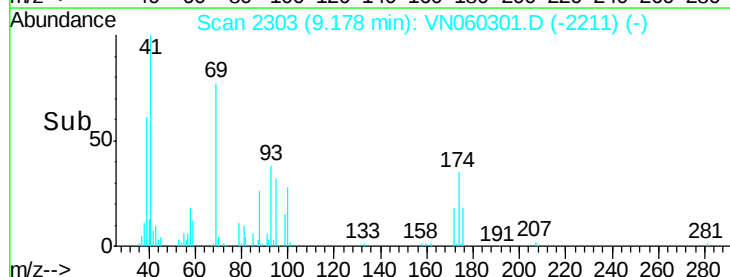
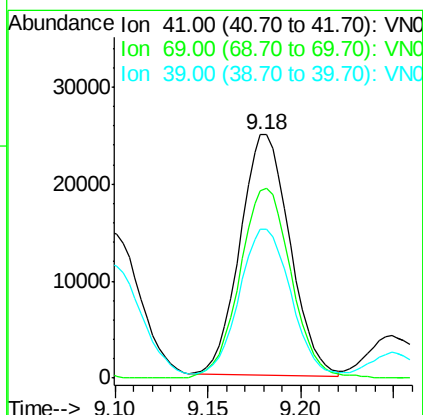
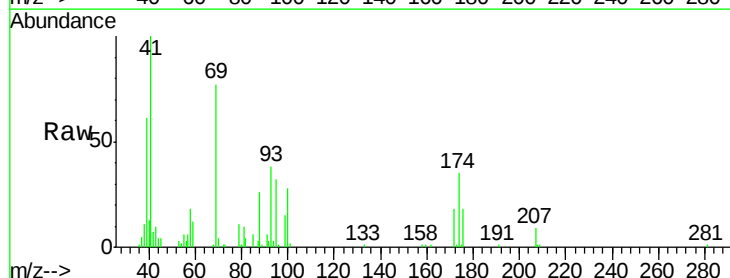
RT: 9.18 min Scan# 2303

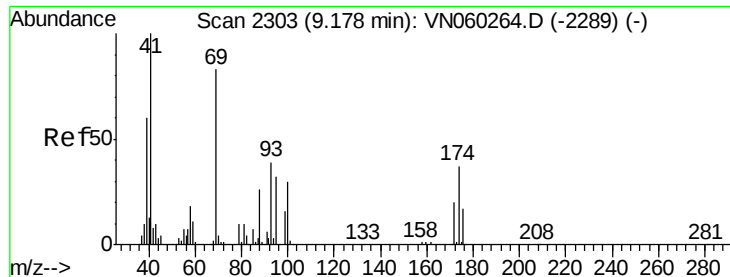
Delta R.T. -0.00 min

Lab File: VN060301.D

Acq: 2 Mar 2020 11:02

Tgt Ion:	41	Resp:	46123
Ion	Ratio	Lower	Upper
41	100		
69	81.6	66.7	100.1
39	65.4	50.1	75.1





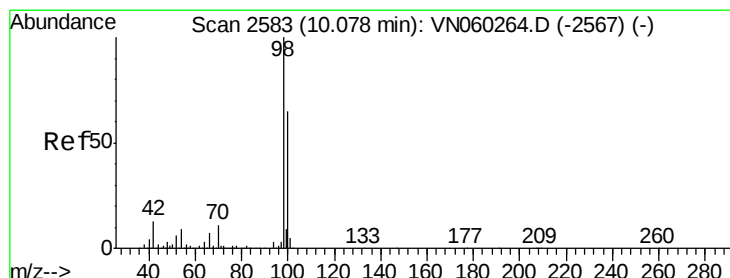
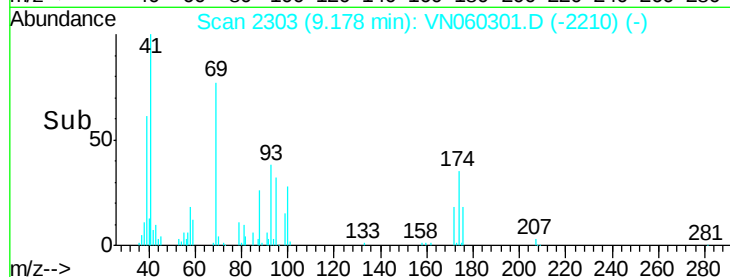
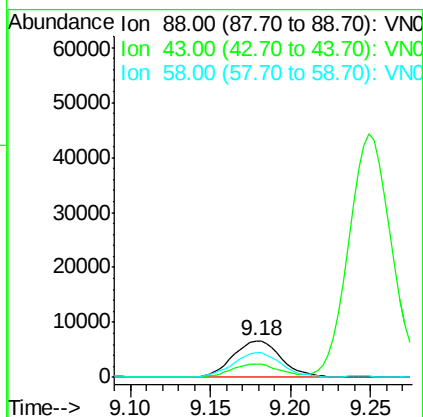
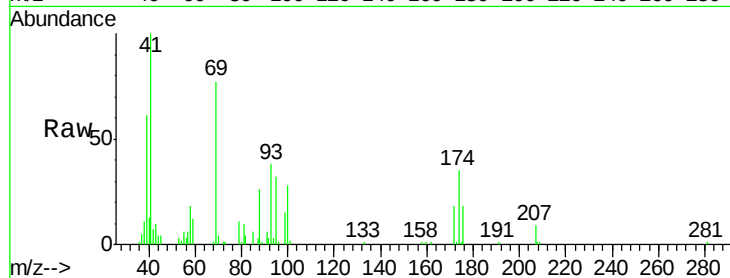
#49
1,4-Dioxane
Concen: 382.551 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN060301.D
Acq: 2 Mar 2020 11:02

Instrument :
MSVOA_N
ClientSampleId :
VN0302WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.0	30.4	45.6
58	67.7	57.0	85.6

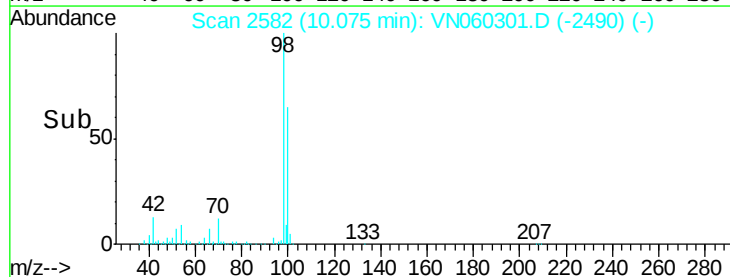
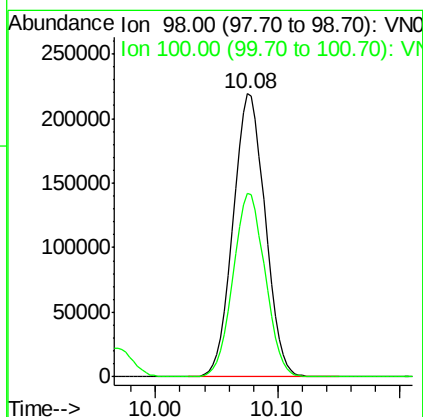
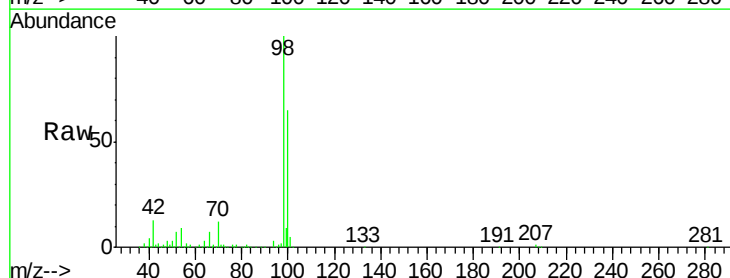
Manual Integrations
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#50
Toluene-d8
Concen: 48.047 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060301.D
Acq: 2 Mar 2020 11:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 93.376 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN060301.D

Acq: 2 Mar 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

VN0302WBS01

Tot Ion: 43 Resp: 295744

Ion Ratio Lower Upper

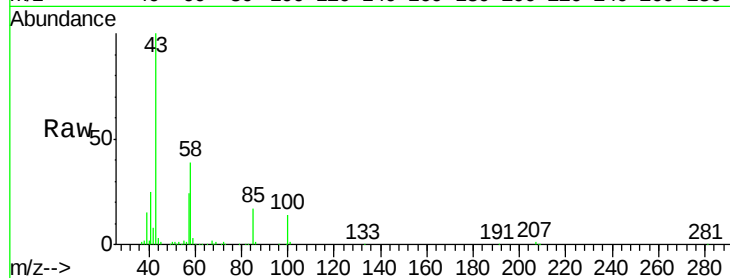
43 100

58 38.5 30.9 46.3

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Abundance Ion 43.00 (42.70 to 43.70): VN060264.D (-2531) (-)

Ion 58.00 (57.70 to 58.70): VN060264.D (-2531) (-)

9.97

150000

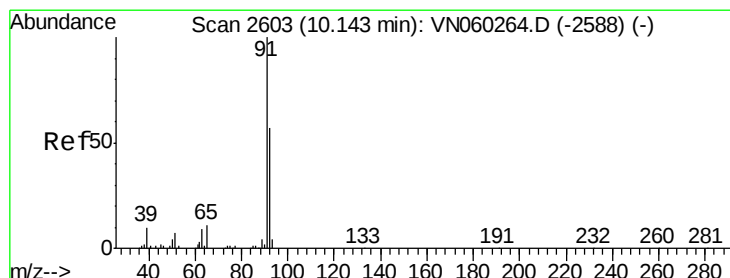
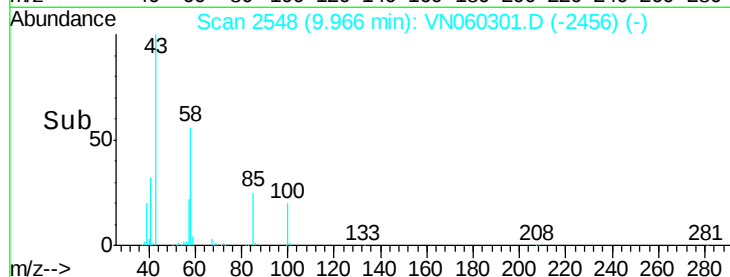
100000

50000

0

9.90 9.95 10.00

Time-->



#52

Toluene

Concen: 18.624 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN060301.D

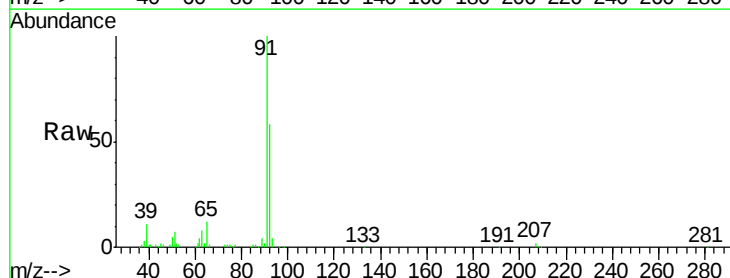
Acq: 2 Mar 2020 11:02

Tgt Ion: 92 Resp: 114743

Ion Ratio Lower Upper

92 100

91 172.3 138.1 207.1



Abundance Ion 92.00 (91.70 to 92.70): VN060264.D (-2588) (-)

Ion 91.00 (90.70 to 91.70): VN060264.D (-2588) (-)

10.14

120000

100000

80000

60000

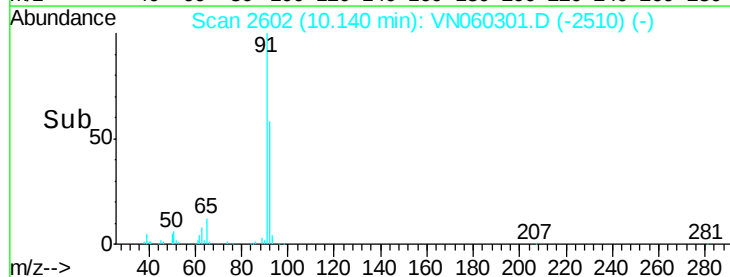
40000

20000

0

10.05 10.10 10.15 10.20

Time-->





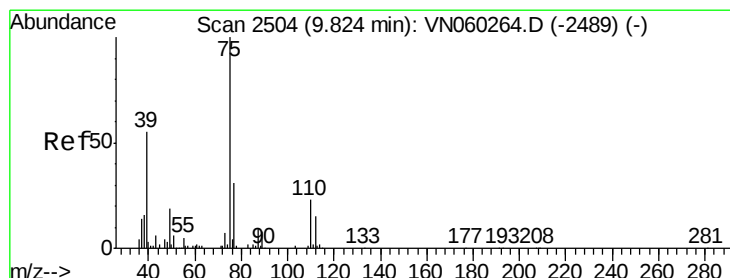
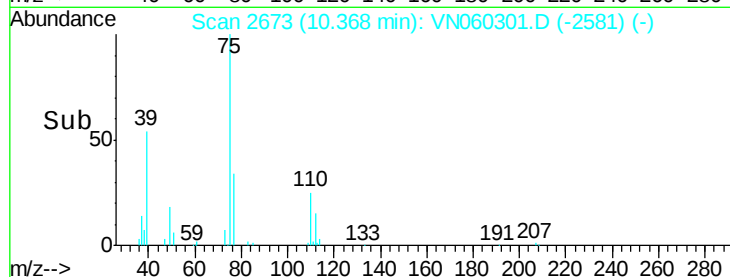
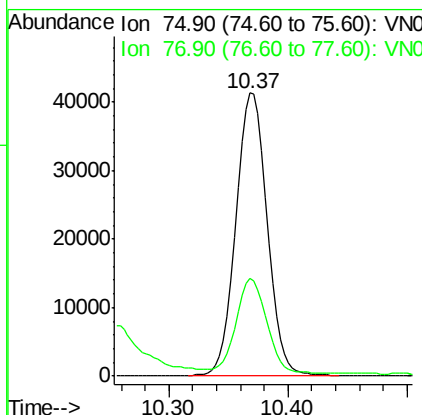
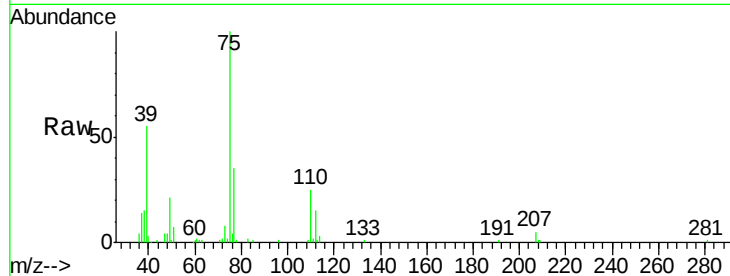
#53
t-1,3-Dichloropropene
Concen: 18.218 ug/l
RT: 10.37 min Scan# 2673
Delta R.T. -0.00 min
Lab File: VN060301.D
Acq: 2 Mar 2020 11:02

Instrument :
MSVOA_N
ClientSampleId :
VN0302WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.4	24.8	37.2

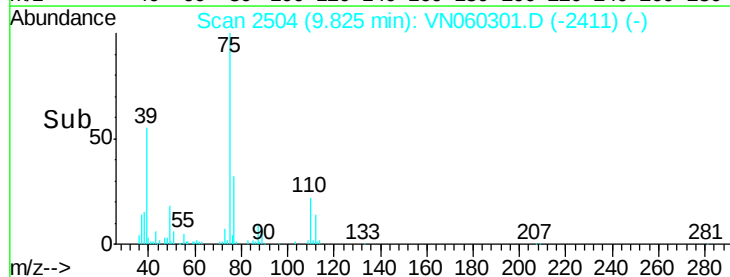
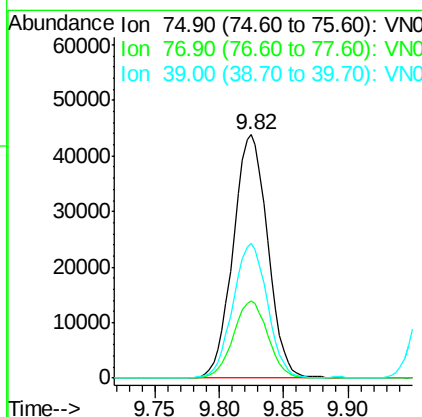
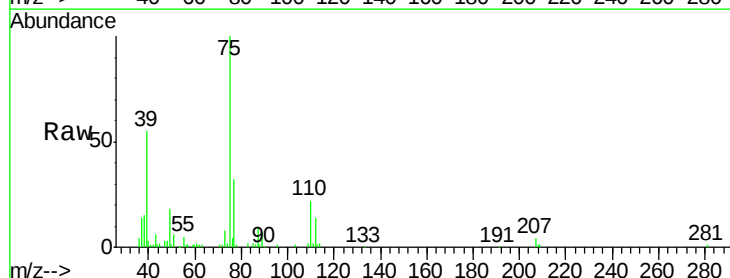
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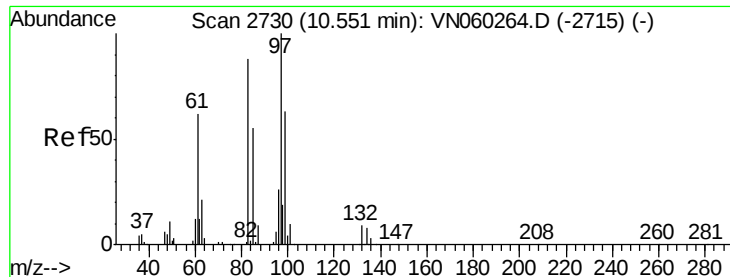
MMDadoda
3/3/2020 10:04:27 AM



#54
cis-1,3-Dichloropropene
Concen: 19.048 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. 0.00 min
Lab File: VN060301.D
Acq: 2 Mar 2020 11:02

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	24.8	37.2
39	55.2	43.8	65.8





#55

1,1,2-Trichloroethane

Concen: 18.263 ug/l

RT: 10.55 min Scan# 2729

Delta R.T. -0.00 min

Lab File: VN060301.D

Acq: 2 Mar 2020 11:02

Instrument :

MSVOA_N

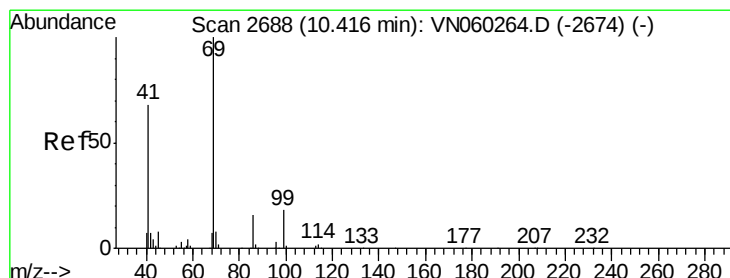
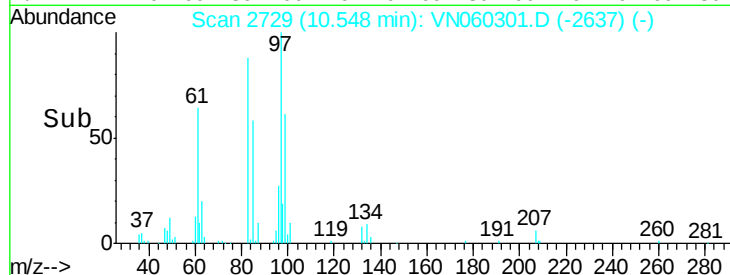
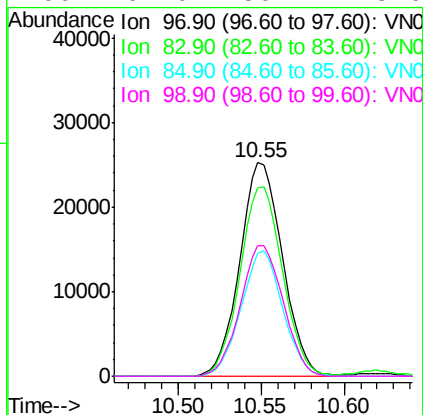
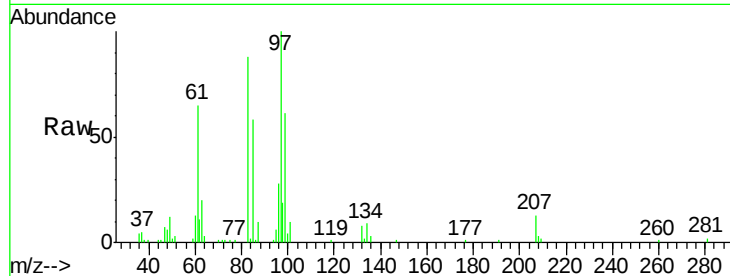
ClientSampleId :

VN0302WBS01

Tot Ion:	97	Resp:	45250
Ion	Ratio	Lower	Upper
97	100		
83	88.0	70.0	105.0
85	57.7	44.0	66.0
99	61.0	50.4	75.6

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#56

Ethyl methacrylate

Concen: 18.687 ug/l

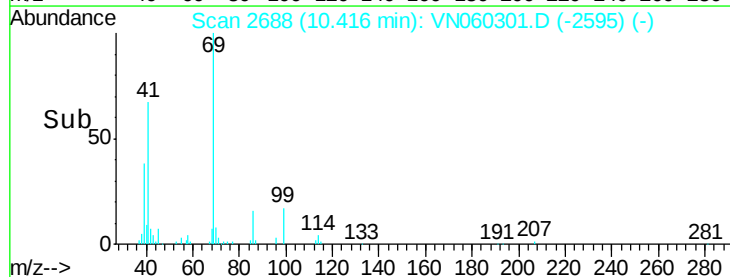
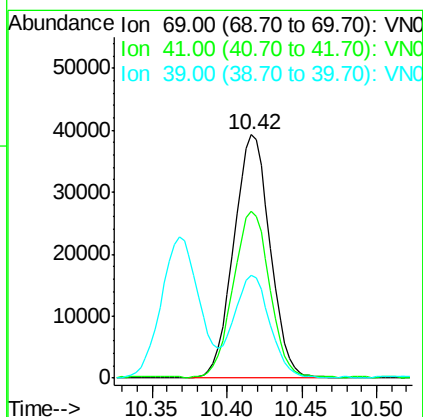
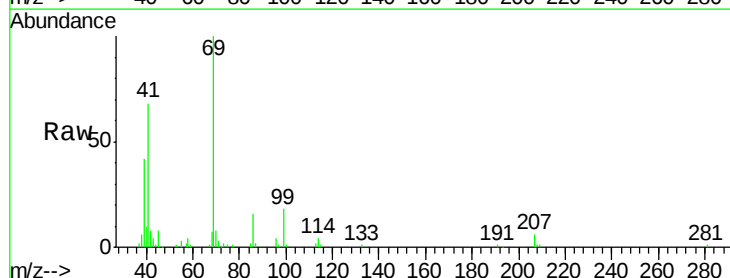
RT: 10.42 min Scan# 2688

Delta R.T. 0.00 min

Lab File: VN060301.D

Acq: 2 Mar 2020 11:02

Tgt Ion:	69	Resp:	66518
Ion	Ratio	Lower	Upper
69	100		
41	69.7	54.1	81.1
39	42.2	32.5	48.7





#57

1,3-Dichloropropane

Concen: 19.321 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN060301.D

Acq: 2 Mar 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

VN0302WBS01

Tot Ion: 76 Resp: 78070

Ion Ratio Lower Upper

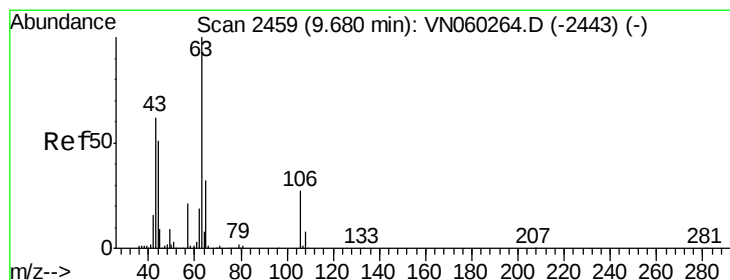
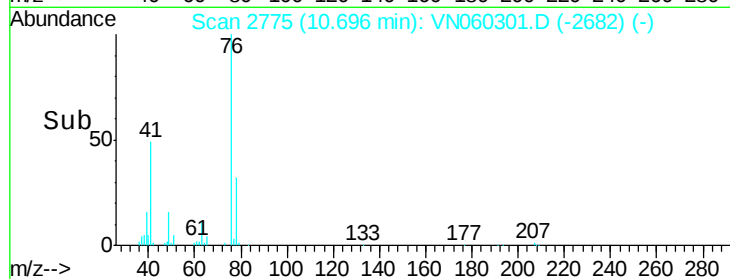
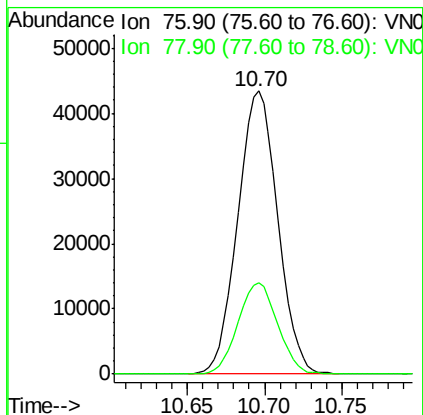
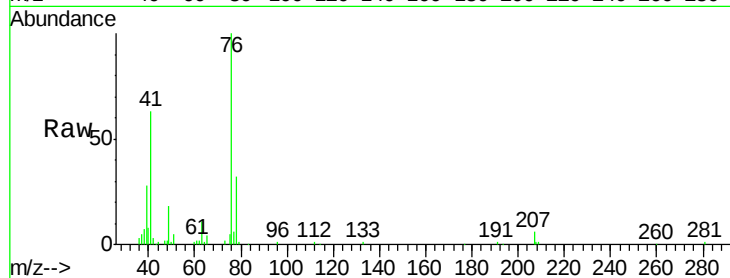
76 100

78 31.9 26.2 39.2

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 93.628 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN060301.D

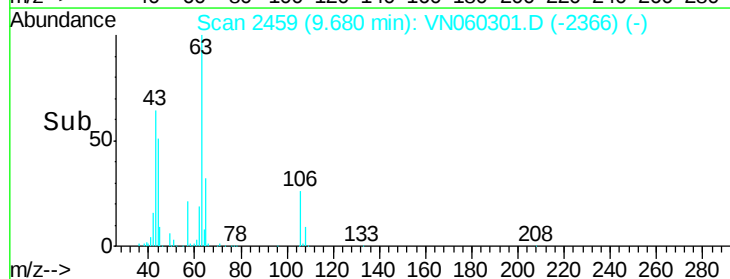
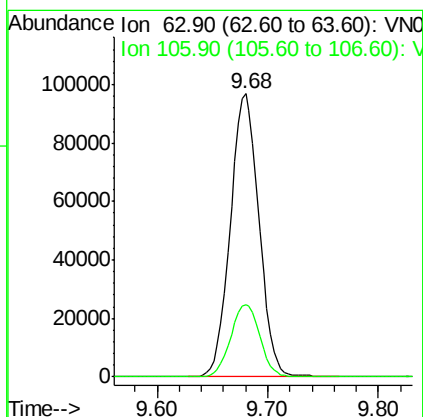
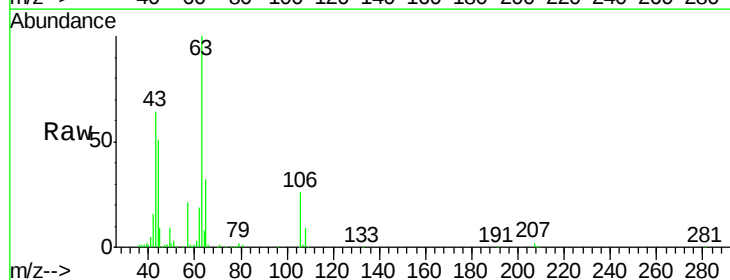
Acq: 2 Mar 2020 11:02

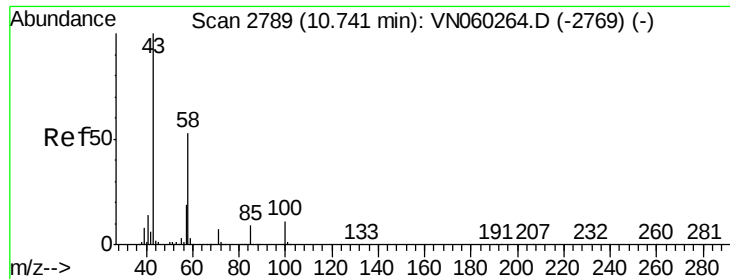
Tgt Ion: 63 Resp: 174304

Ion Ratio Lower Upper

63 100

106 26.0 21.1 31.7





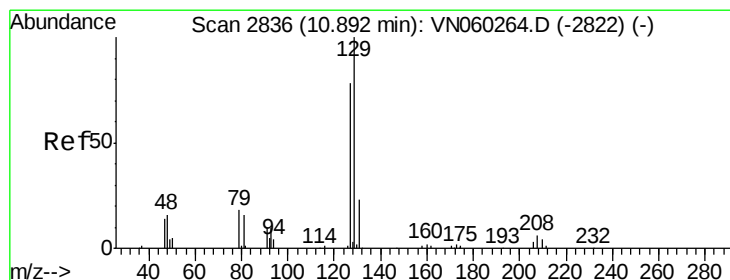
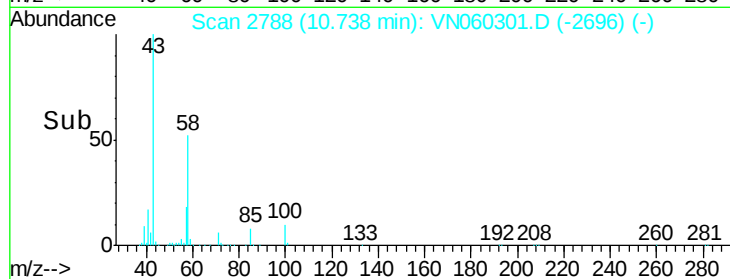
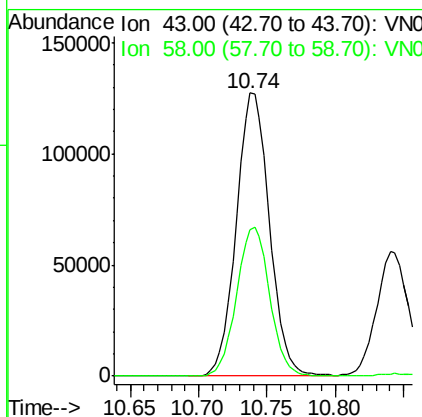
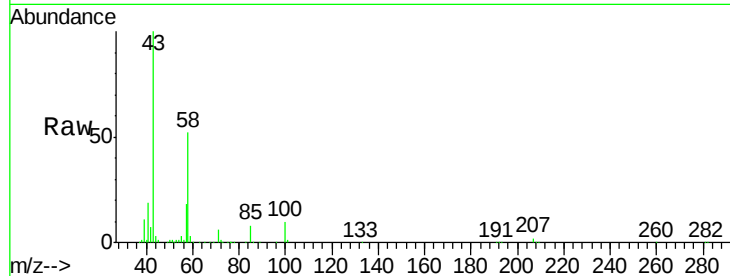
#59
2-Hexanone
Concen: 92.530 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. -0.00 min
Lab File: VN060301.D
Acq: 2 Mar 2020 11:02

Instrument :
MSVOA_N
ClientSampled :
VN0302WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.4	26.5	79.5

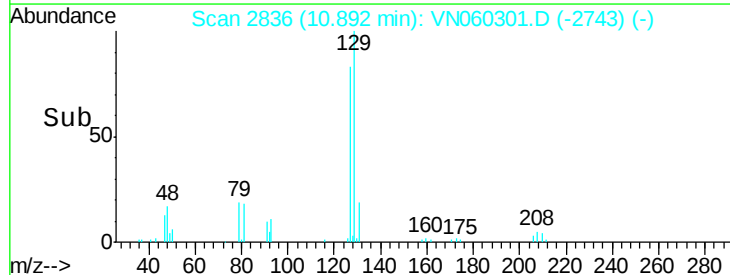
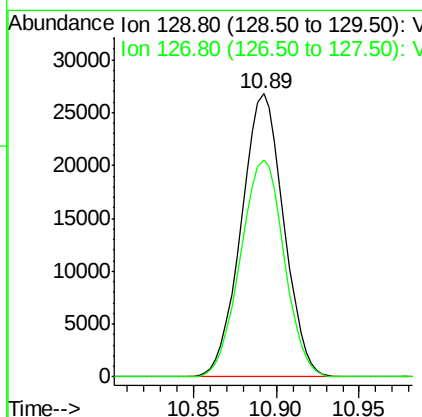
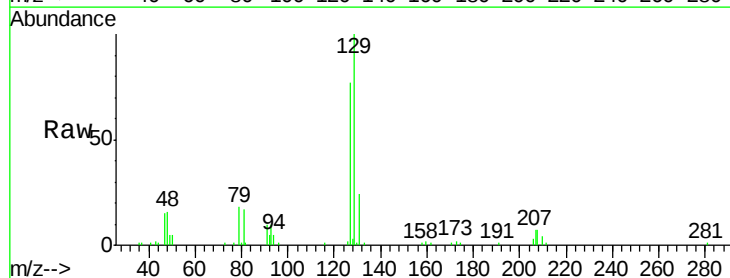
Manual Integrations
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3/3/2020 10:04:27 AM



#60
Dibromochloromethane
Concen: 18.931 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN060301.D
Acq: 2 Mar 2020 11:02

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.7	38.9	116.7





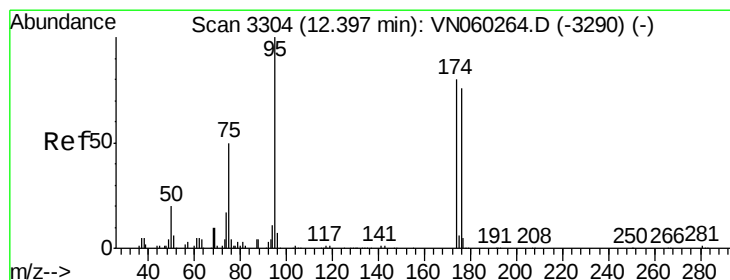
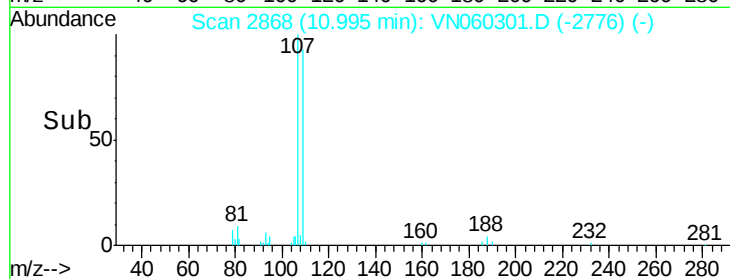
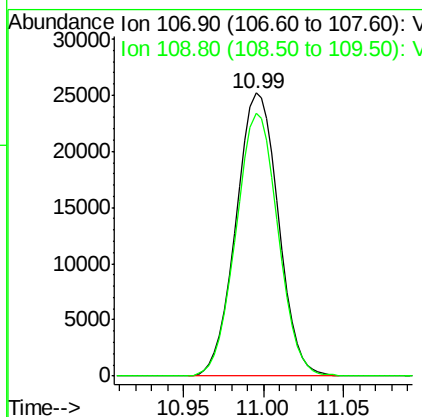
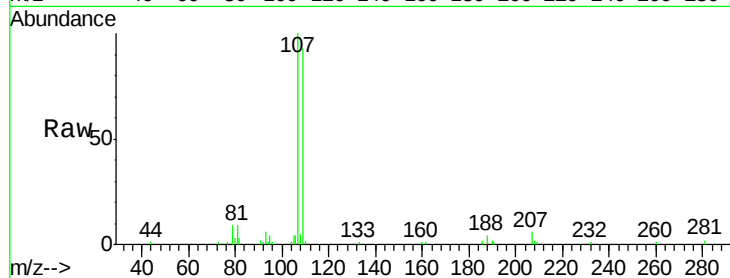
#61
 1,2-Dibromoethane
 Concen: 18.799 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060301.D
 Acq: 2 Mar 2020 11:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0302WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.3	76.8	115.2

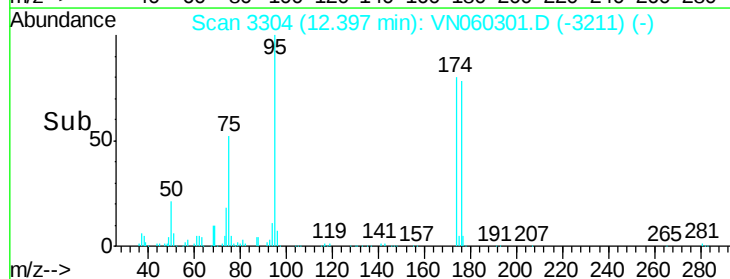
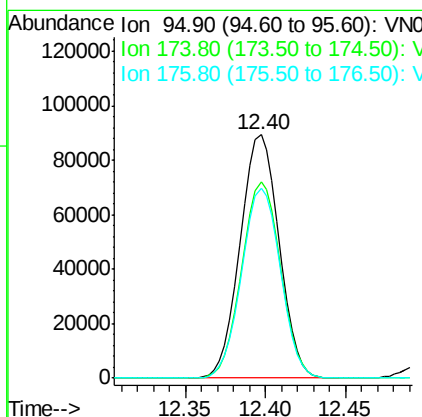
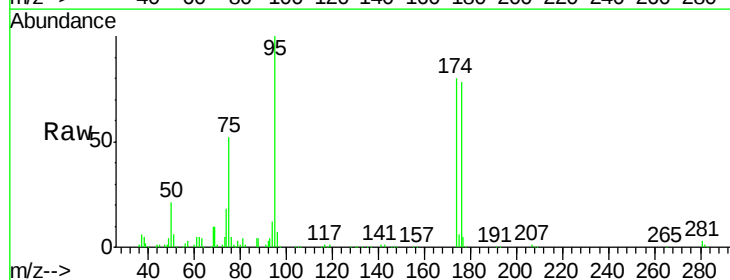
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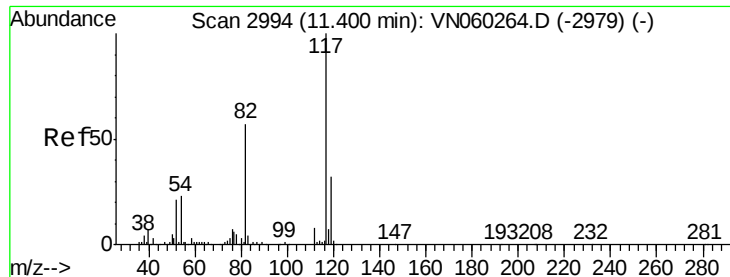
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#62
 4-Bromofluorobenzene
 Concen: 46.923 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN060301.D
 Acq: 2 Mar 2020 11:02

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.7	0.0	159.2
176	78.1	0.0	153.8





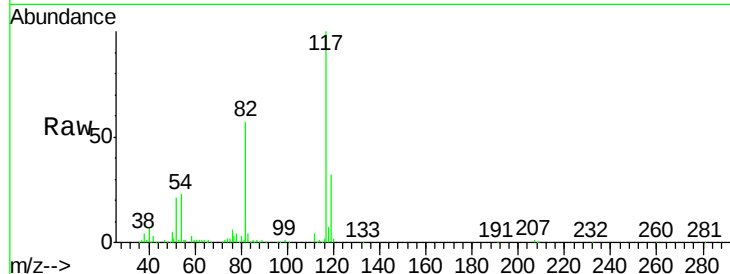
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060301.D
Acq: 2 Mar 2020 11:02

Instrument :
MSVOA_N
ClientSampleId :
VN0302WBS01

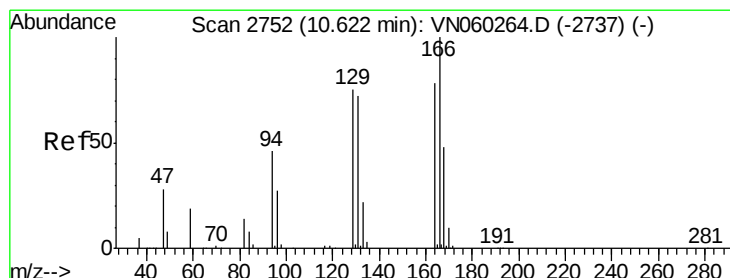
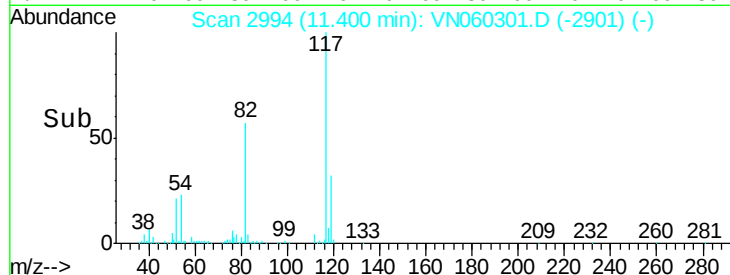
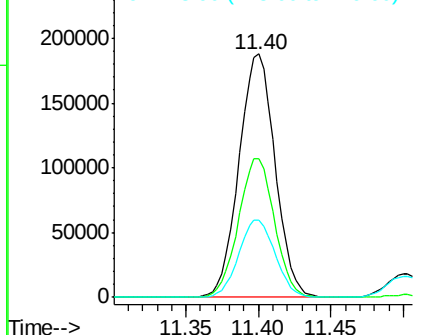
Tot Ion	Ratio	Lower	Upper
117	100		
82	57.2	45.8	68.6
119	31.7	25.8	38.8

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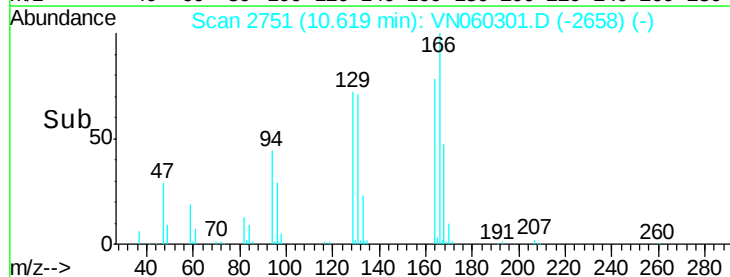
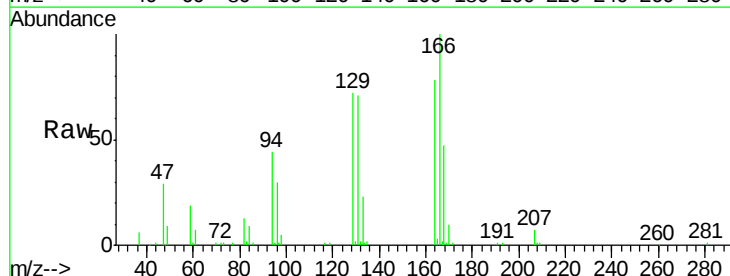
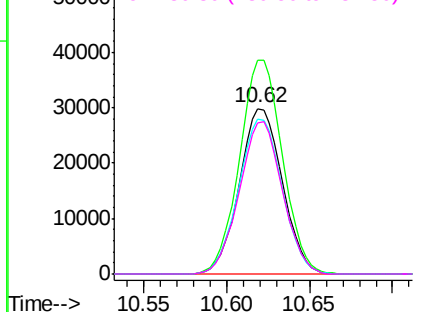
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

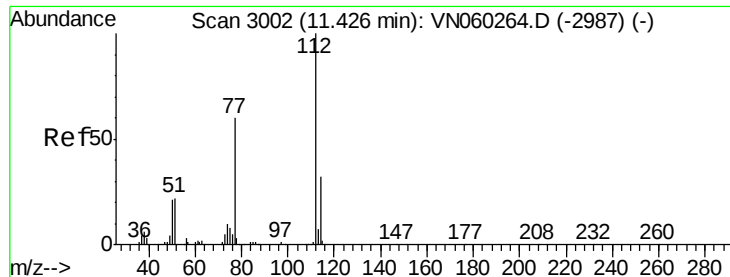


#64
Tetrachloroethene
Concen: 20.139 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN060301.D
Acq: 2 Mar 2020 11:02

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.7	102.0	153.0
129	93.1	76.4	114.6
131	91.0	73.6	110.4

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





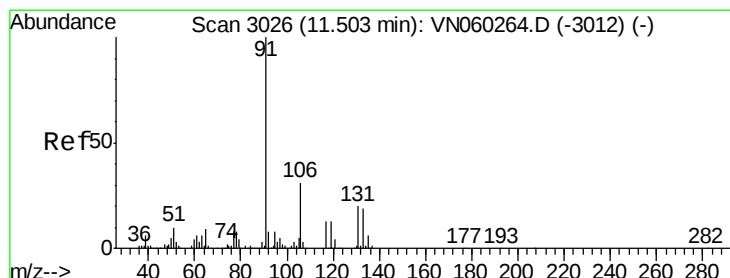
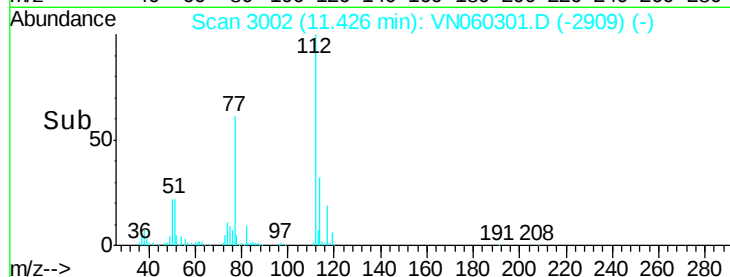
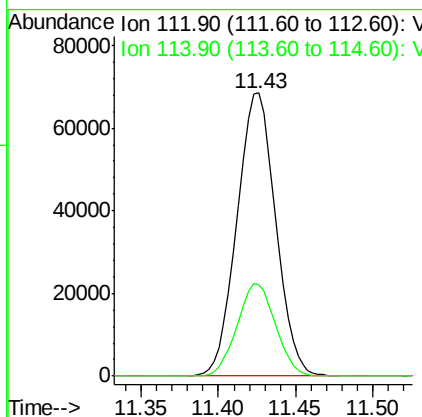
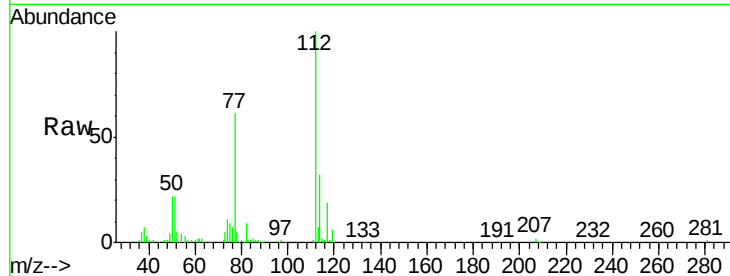
#65
Chlorobenzene
Concen: 18.137 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN060301.D
Acq: 2 Mar 2020 11:02

Instrument :
MSVOA_N
ClientSampleId :
VN0302WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.4	38.0

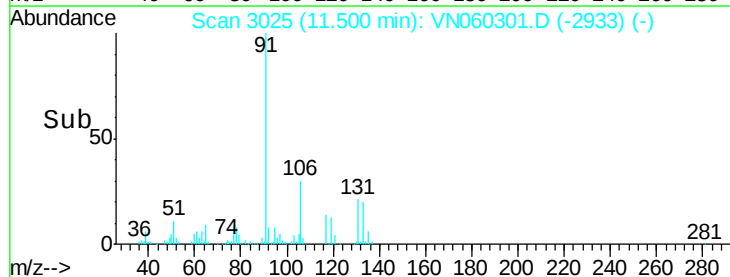
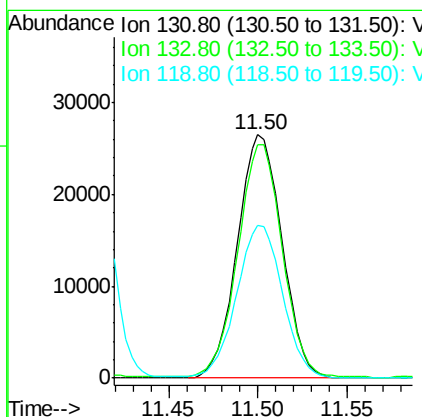
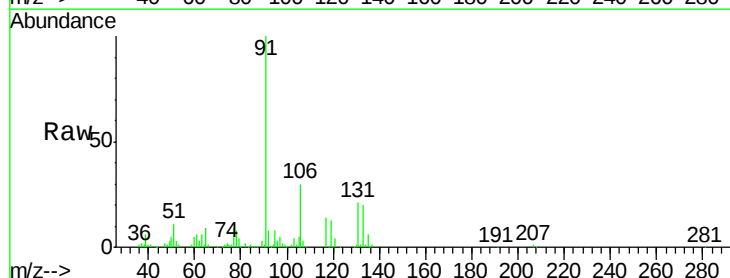
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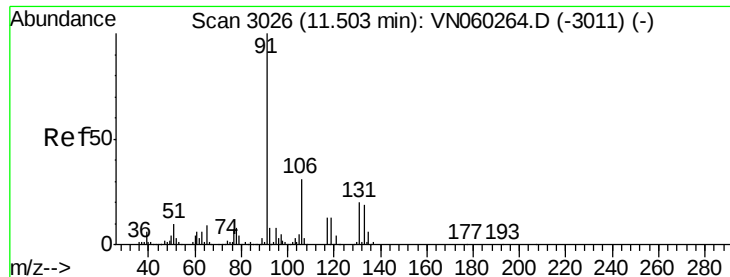
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.949 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060301.D
Acq: 2 Mar 2020 11:02

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.0	47.7	143.1
119	64.7	33.2	99.6





#67

Ethyl Benzene

Concen: 18.682 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN060301.D

Acq: 2 Mar 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

VN0302WBS01

Tot Ion: 91 Resp: 224047

Ion Ratio Lower Upper

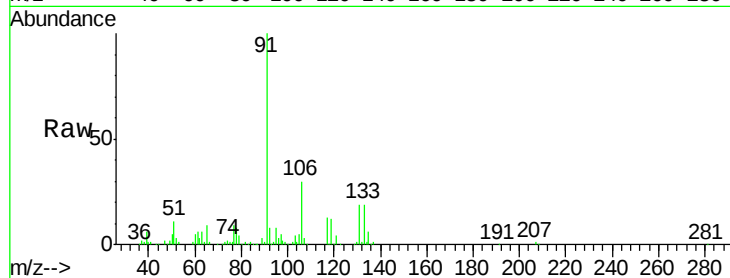
91 100

106 30.4 24.7 37.1

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Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

11.50

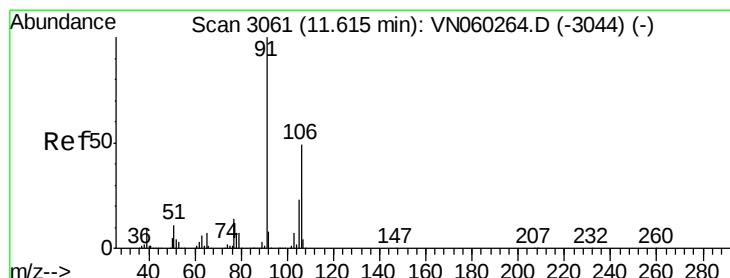
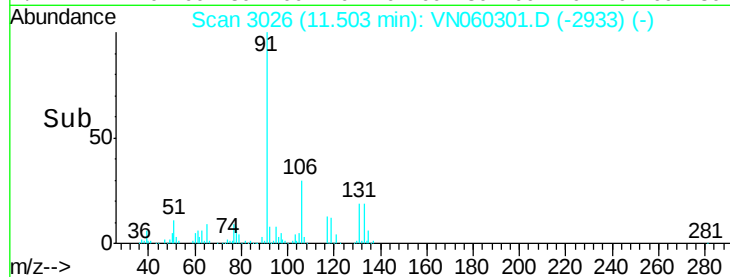
150000

100000

50000

0

Time-->



#68

m/p-Xylenes

Concen: 36.676 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN060301.D

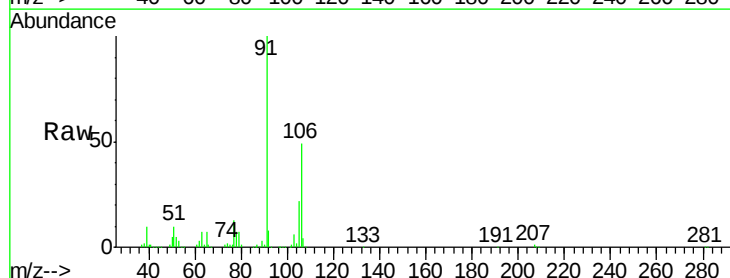
Acq: 2 Mar 2020 11:02

Tgt Ion: 106 Resp: 165945

Ion Ratio Lower Upper

106 100

91 206.8 164.5 246.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

11.61

200000

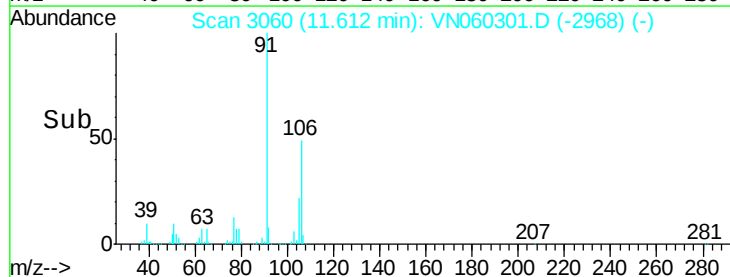
150000

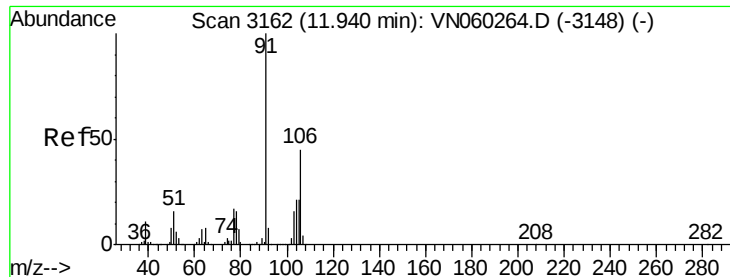
100000

50000

0

Time-->





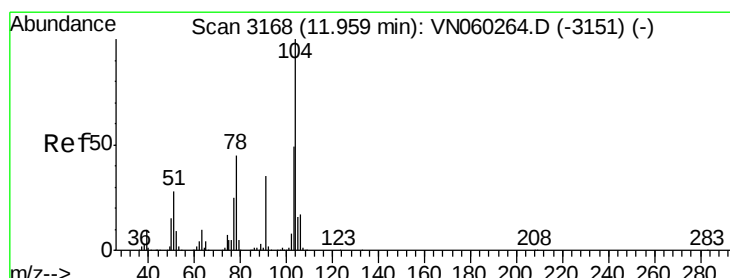
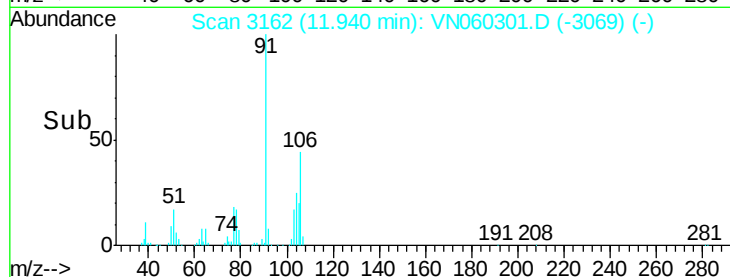
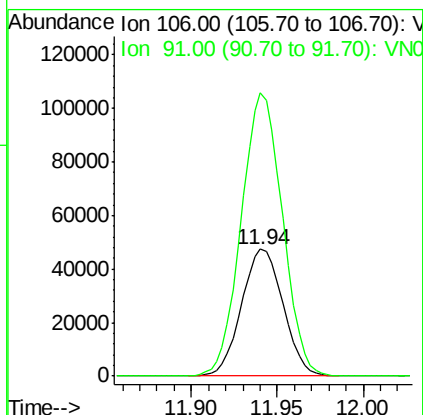
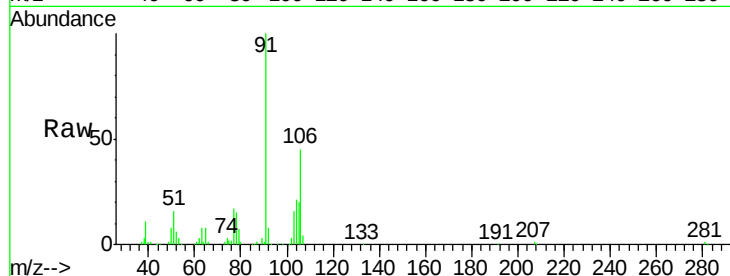
#69
o-Xylene
Concen: 18.483 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060301.D
Acq: 2 Mar 2020 11:02

Instrument :
MSVOA_N
ClientSampleId :
VN0302WBS01

Tot Ion:106 Resp: 79747
Ion Ratio Lower Upper
106 100
91 220.5 109.5 328.4

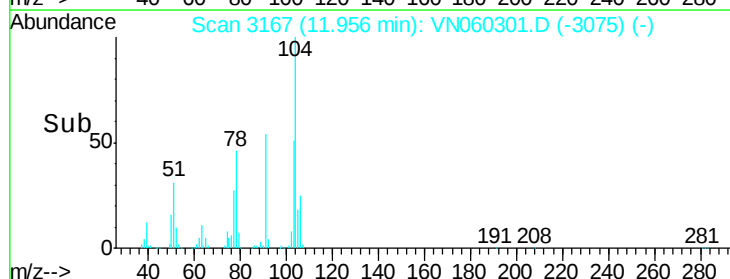
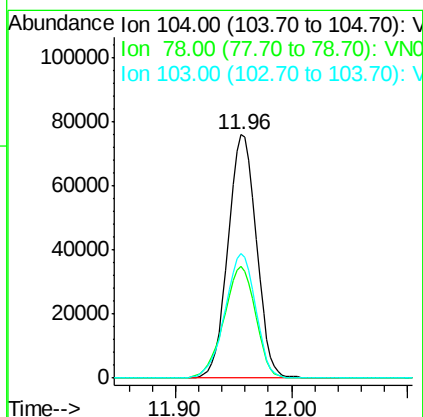
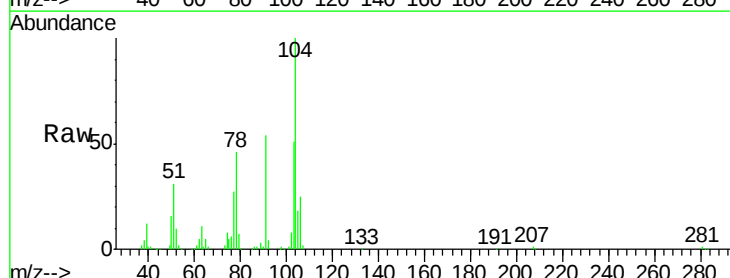
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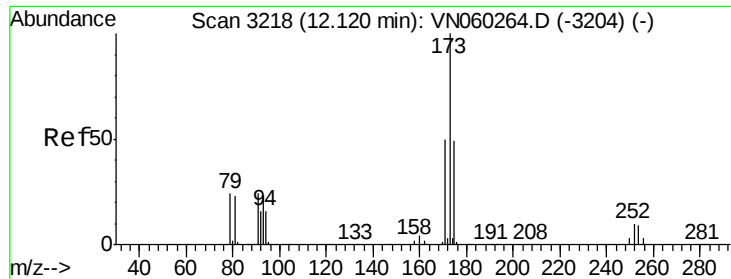
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#70
Styrene
Concen: 18.091 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060301.D
Acq: 2 Mar 2020 11:02

Tgt Ion:104 Resp: 128336
Ion Ratio Lower Upper
104 100
78 51.0 41.2 61.8
103 55.2 43.9 65.9





#71

Bromoform

Concen: 18.561 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN060301.D

Acq: 2 Mar 2020 11:02

Instrument :

MSVOA_N

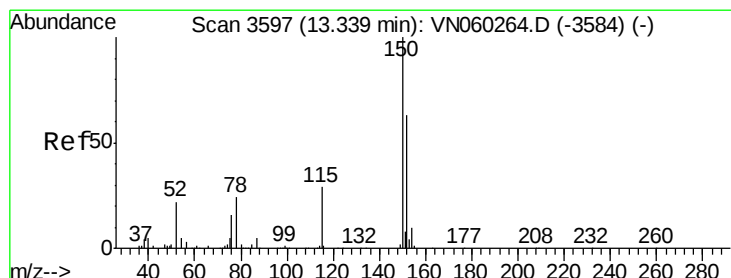
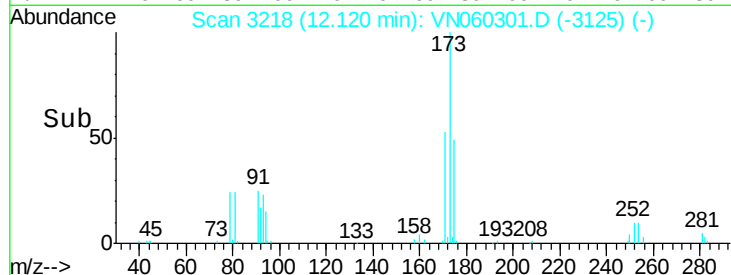
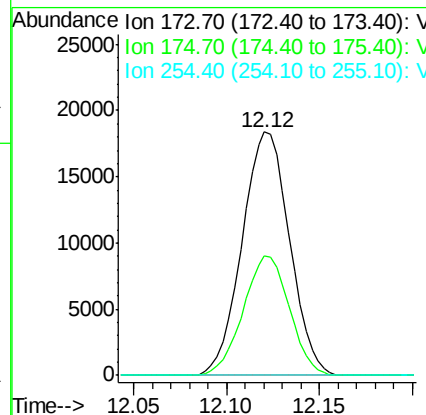
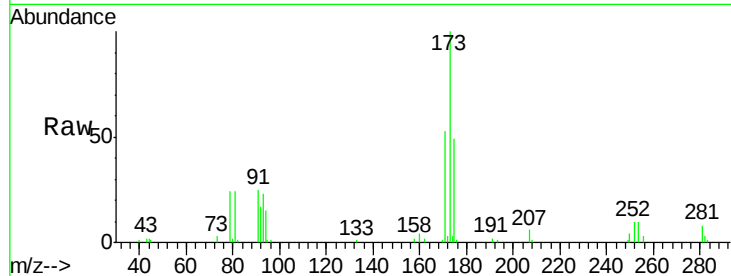
ClientSampled :

VN0302WBS01

Tot Ion:	173	Resp:	32571
Ion Ratio	Lower	Upper	
173	100		
175	47.7	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

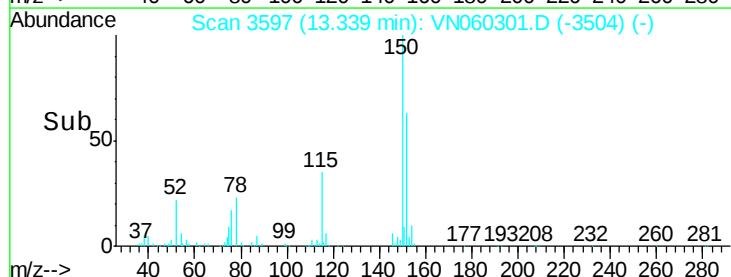
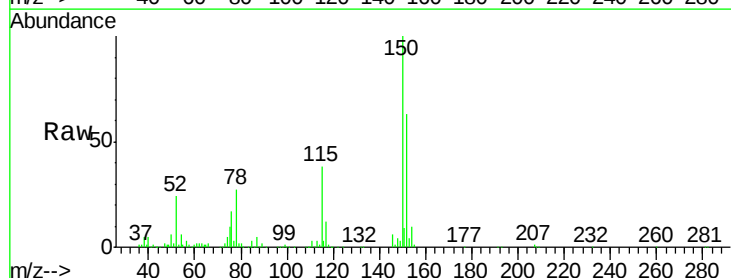
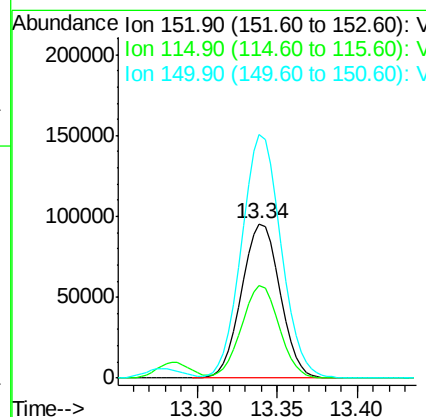
RT: 13.34 min Scan# 3597

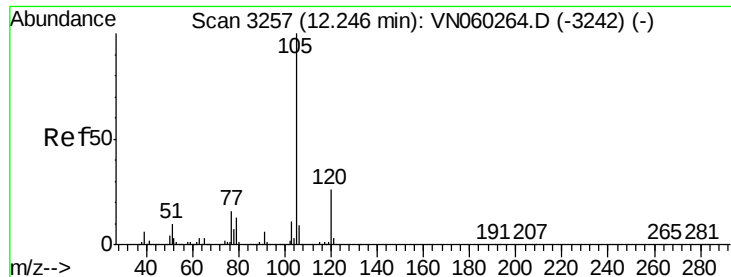
Delta R.T. 0.00 min

Lab File: VN060301.D

Acq: 2 Mar 2020 11:02

Tgt Ion:	152	Resp:	156234
Ion Ratio	Lower	Upper	
152	100		
115	59.1	30.0	90.0
150	162.5	0.0	349.6





#73

Isopropylbenzene

Concen: 18.761 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060301.D

Acq: 2 Mar 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

VN0302WBS01

Tot Ion: 105 Resp: 217252

Ion Ratio Lower Upper

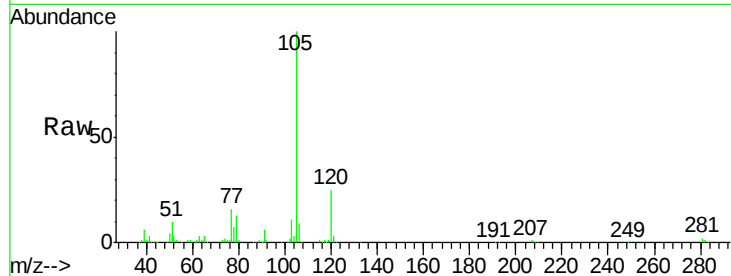
105 100

120 25.7 13.0 38.9

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

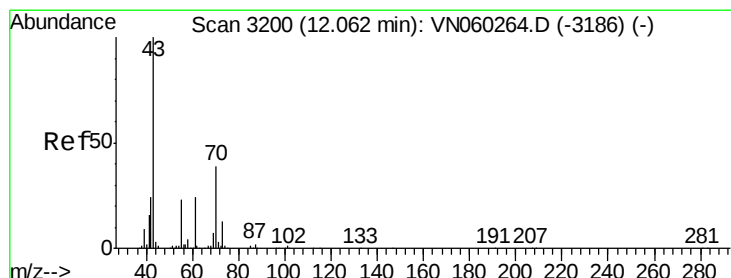
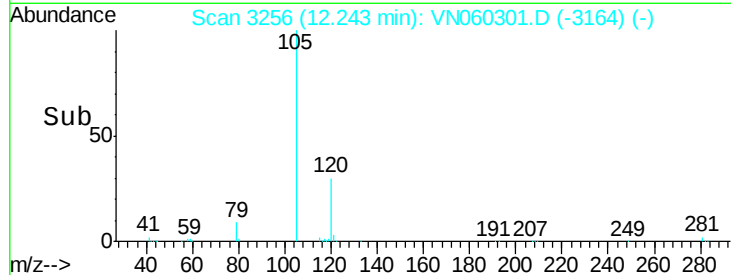
120000

50000

0

12.20 12.25 12.30

Time-->



#74

N-ethyl acetate

Concen: 18.324 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN060301.D

Acq: 2 Mar 2020 11:02

Tgt Ion: 43 Resp: 92722

Ion Ratio Lower Upper

43 100

70 38.3 32.2 48.2

55 22.7 18.2 27.4

61 23.0 19.2 28.8

Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

80000

60000

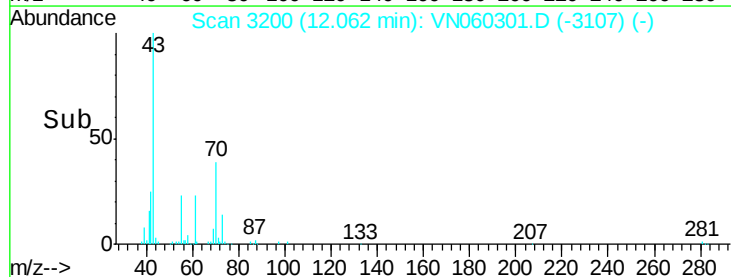
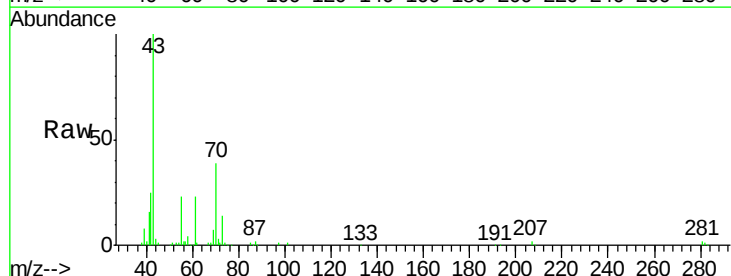
40000

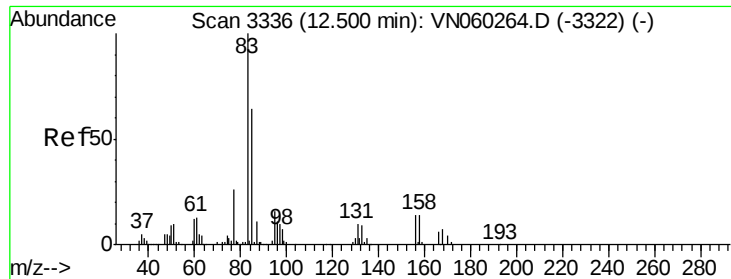
20000

0

12.00 12.05 12.10 12.15

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.730 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN060301.D

Acq: 2 Mar 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

VN0302WBS01

Tot Ion: 83 Resp: 58958

Ion Ratio Lower Upper

83 100

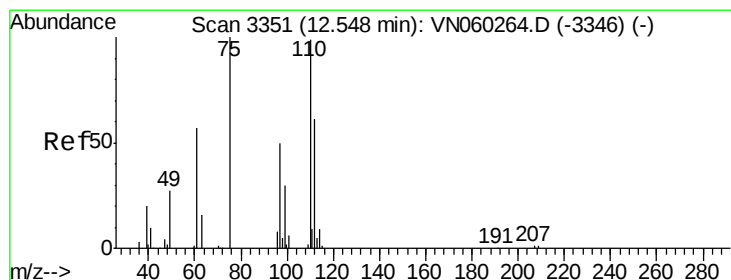
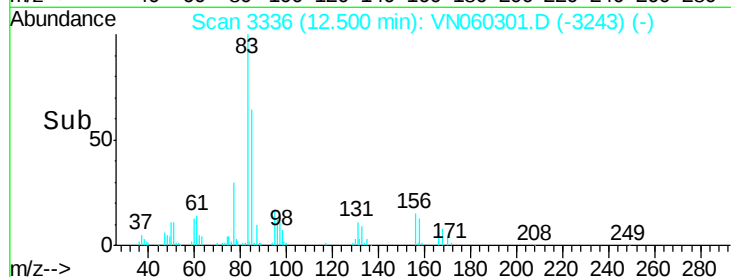
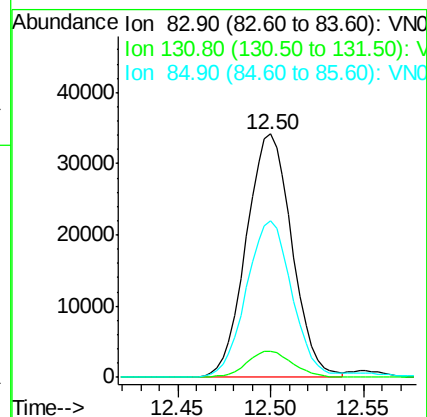
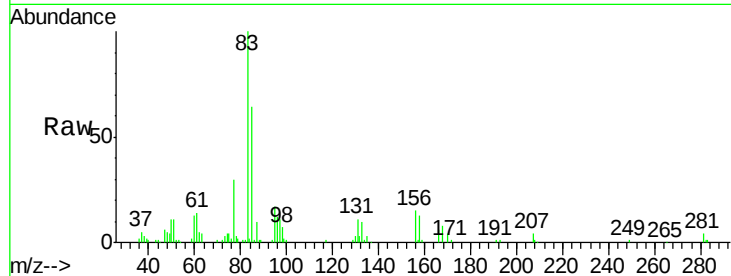
131 10.6 5.1 15.3

85 64.3 32.3 96.8

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#76

1,2,3-Trichloropropane

Concen: 16.698 ug/l m

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN060301.D

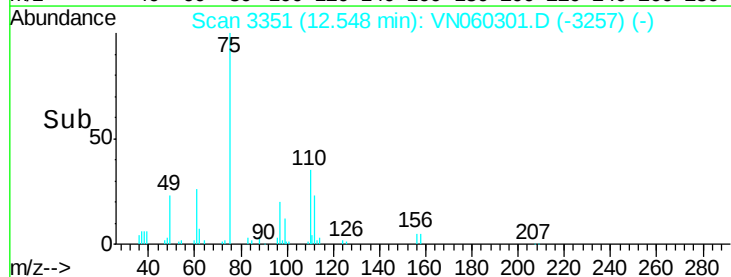
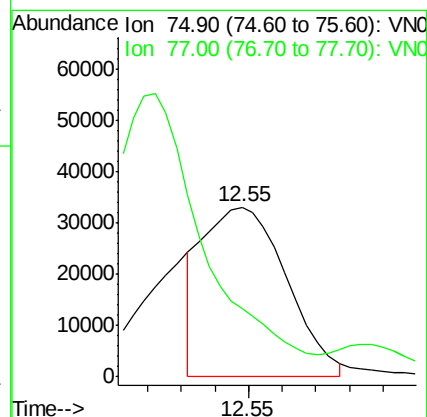
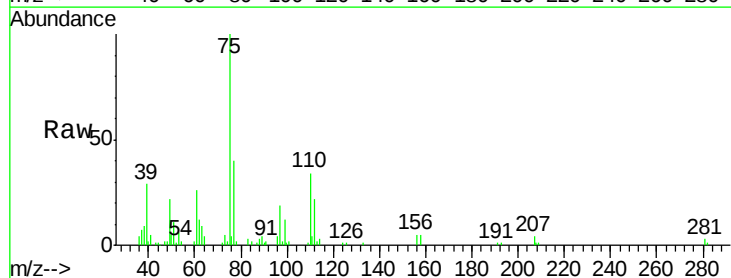
Acq: 2 Mar 2020 11:02

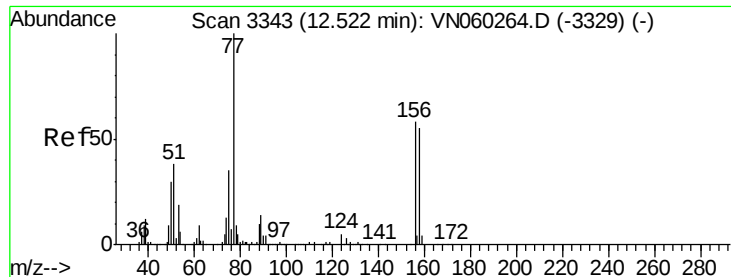
Tgt Ion: 75 Resp: 57238

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





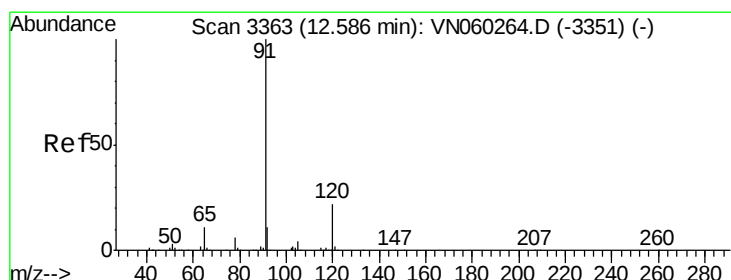
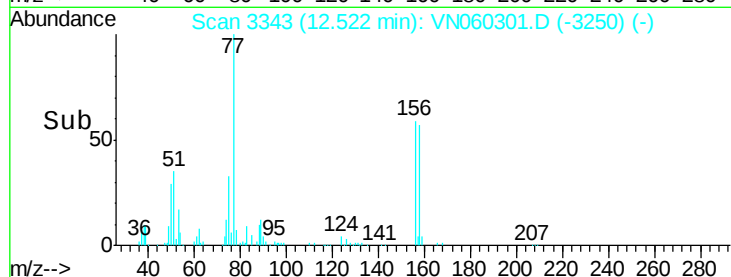
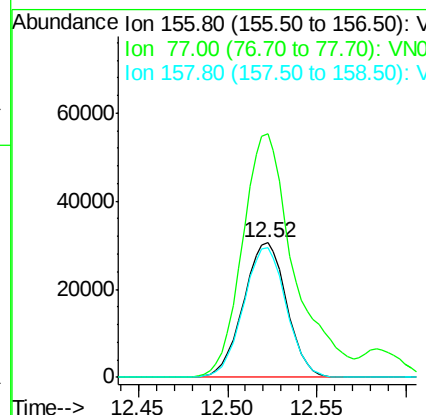
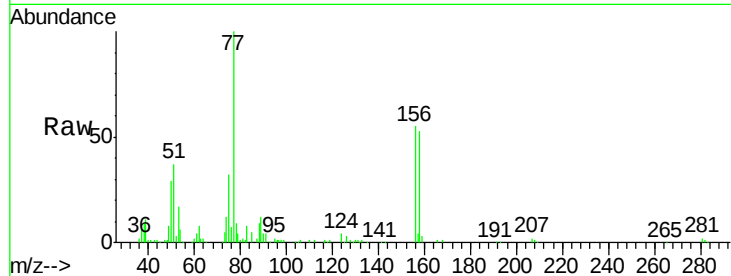
#77
Bromobenzene
Concen: 18.219 ug/l
RT: 12.52 min Scan# 3343
Delta R.T. 0.00 min
Lab File: VN060301.D
Acq: 2 Mar 2020 11:02

Instrument :
MSVOA_N
ClientSampleId :
VN0302WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	216.5	106.1	318.3
158	95.4	48.3	144.8

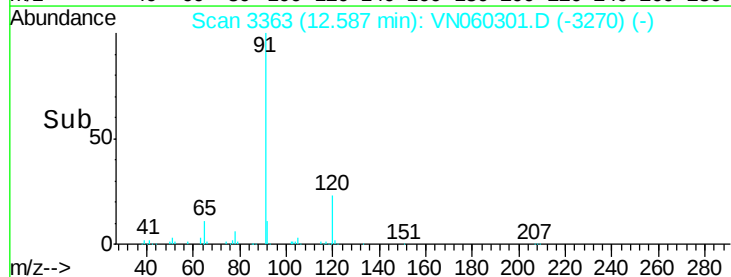
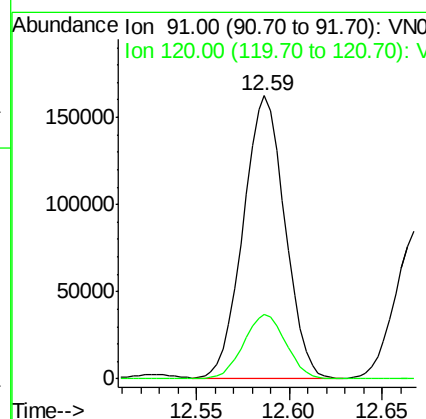
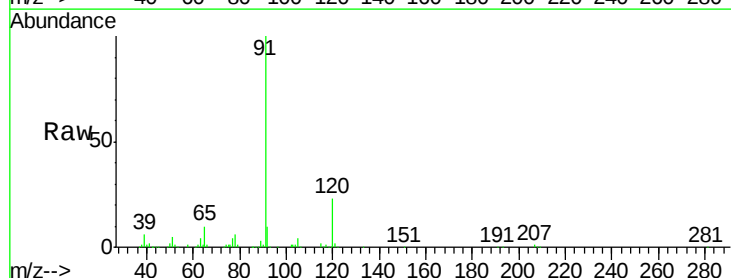
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#78
n-propylbenzene
Concen: 18.580 ug/l
RT: 12.59 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN060301.D
Acq: 2 Mar 2020 11:02

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.3	33.9





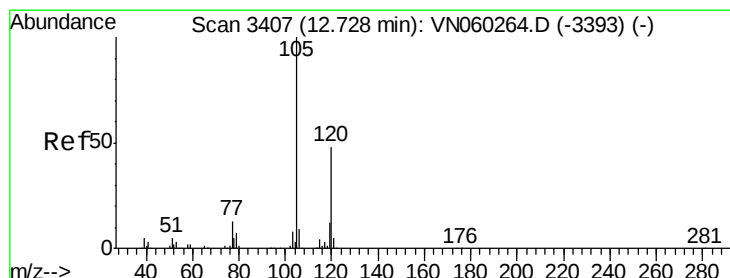
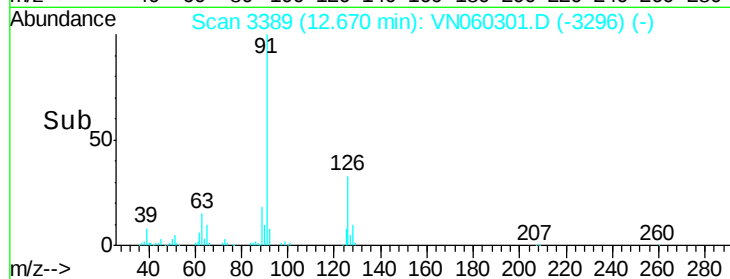
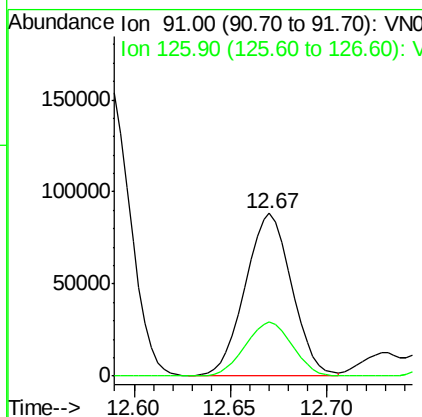
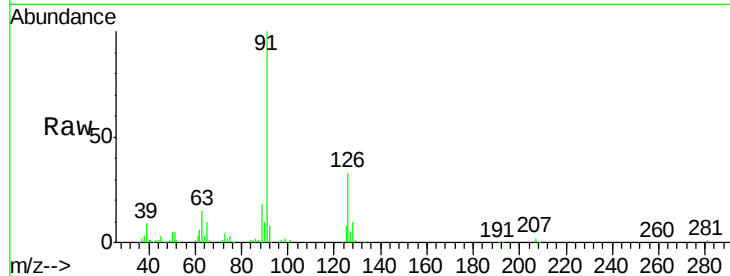
#79
2-Chlorotoluene
Concen: 18.474 ug/l
RT: 12.67 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VN060301.D
Acq: 2 Mar 2020 11:02

Instrument :
MSVOA_N
ClientSampleId :
VN0302WBS01

Tot Ion: 91 Resp: 147403
Ion Ratio Lower Upper
91 100
126 33.7 16.6 49.8

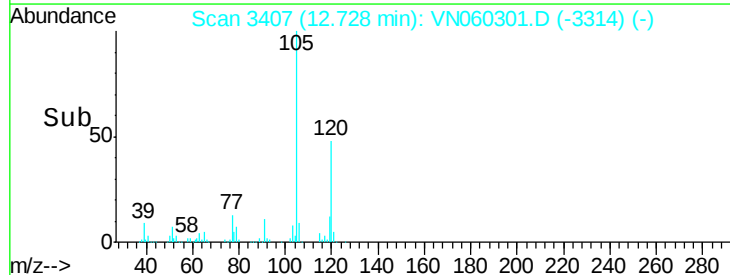
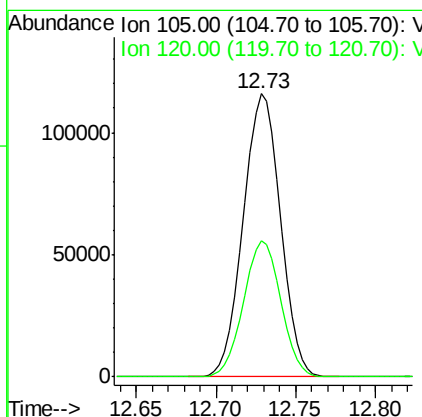
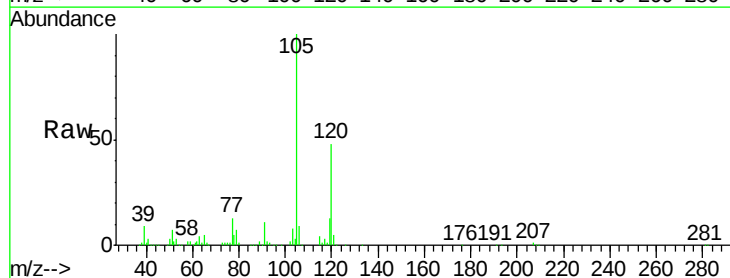
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#80
1,3,5-Trimethylbenzene
Concen: 18.899 ug/l
RT: 12.73 min Scan# 3407
Delta R.T. 0.00 min
Lab File: VN060301.D
Acq: 2 Mar 2020 11:02

Tgt Ion: 105 Resp: 184256
Ion Ratio Lower Upper
105 100
120 48.0 24.1 72.4





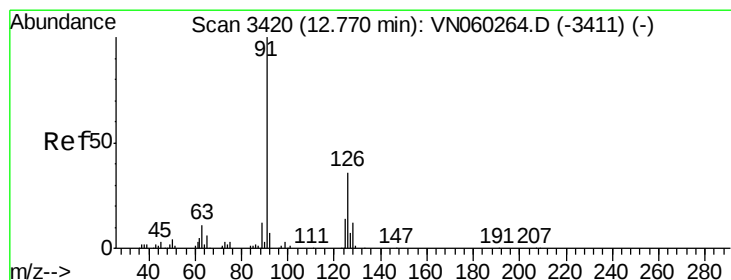
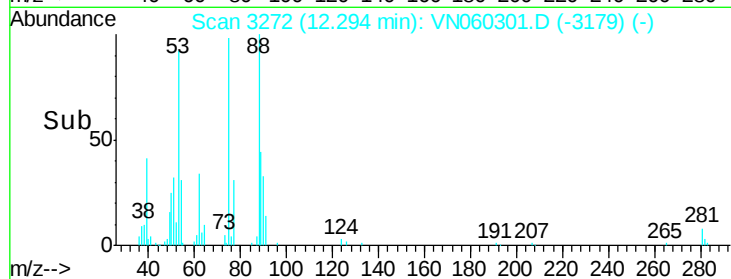
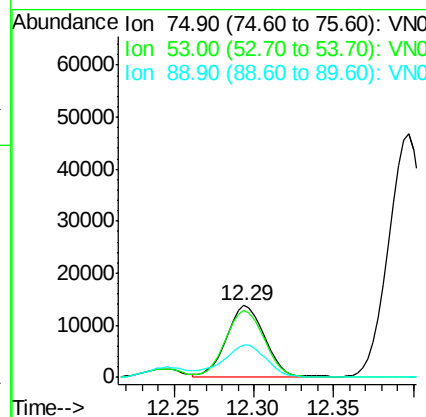
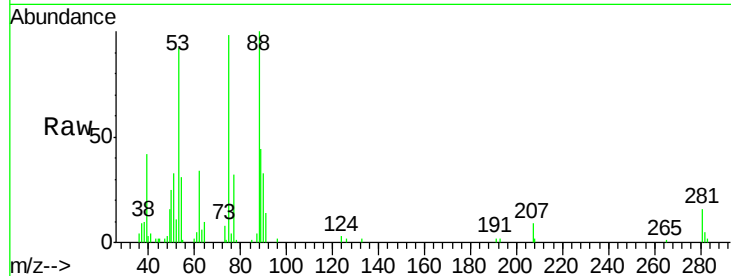
#81
trans-1,4-Dichloro-2-butene
Concen: 18.329 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. 0.00 min
Lab File: VN060301.D
Acq: 2 Mar 2020 11:02

Instrument :
MSVOA_N
ClientSampleId :
VN0302WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.4	73.8	110.6
89	50.1	57.1	85.7#

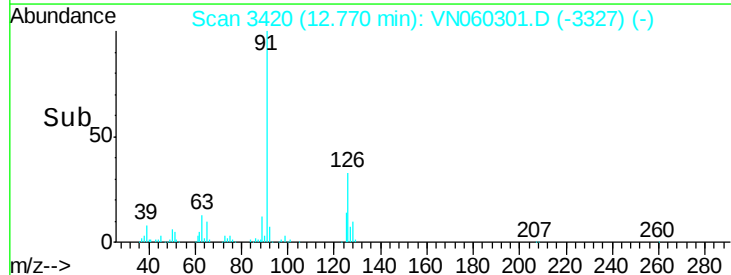
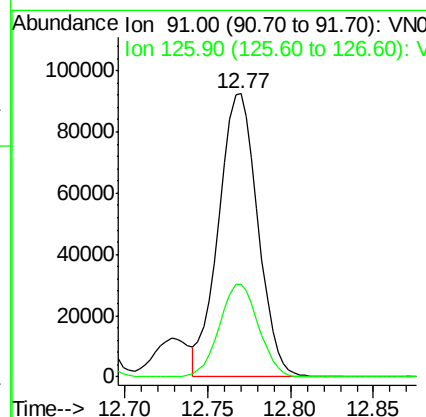
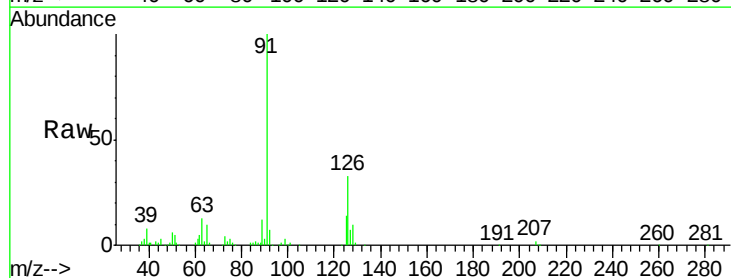
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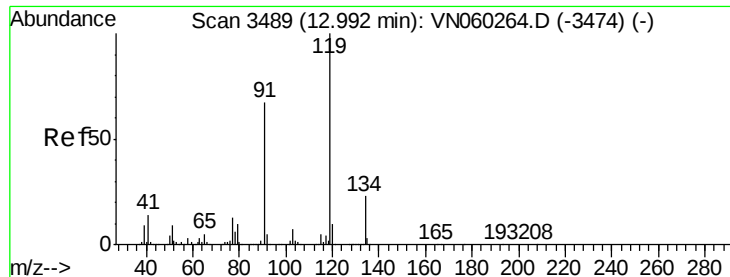
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#82
4-Chlorotoluene
Concen: 18.117 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN060301.D
Acq: 2 Mar 2020 11:02

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.7	50.1





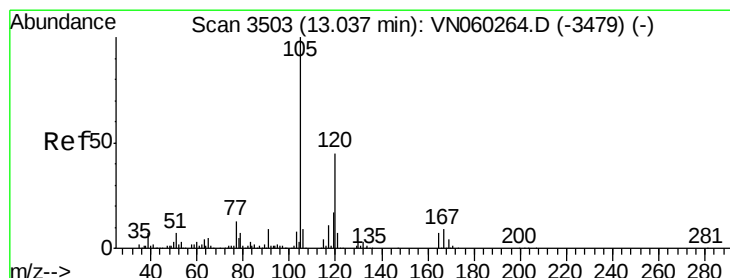
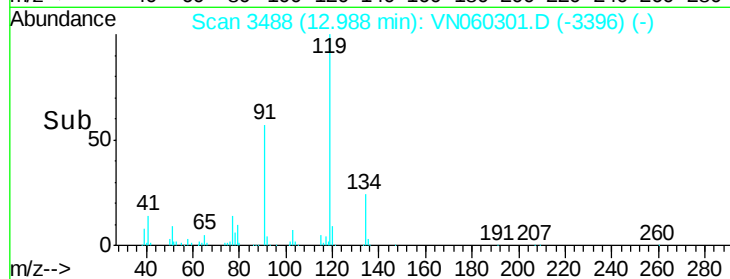
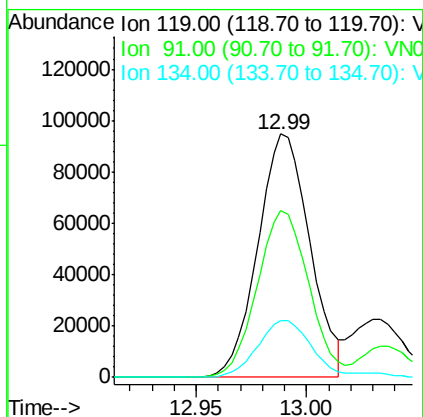
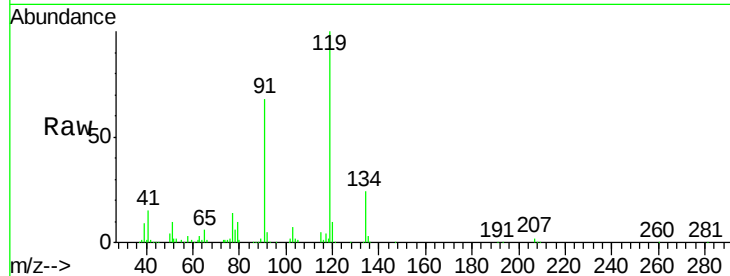
#83
 tert-Butylbenzene
 Concen: 18.362 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN060301.D
 Acq: 2 Mar 2020 11:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0302WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.1	33.1	99.2
134	25.2	12.4	37.0

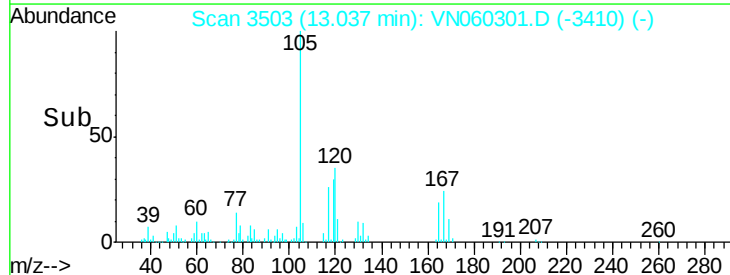
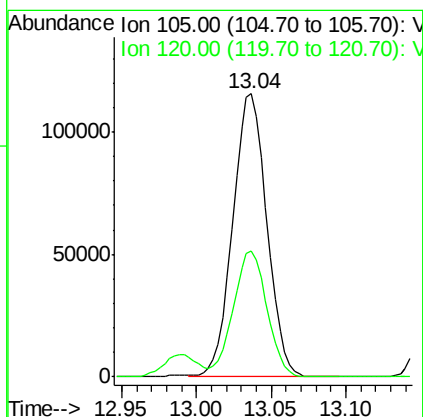
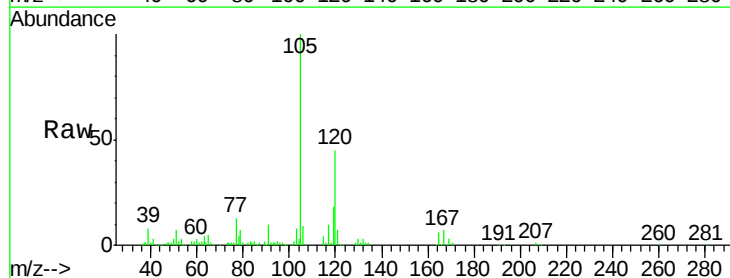
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.647 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN060301.D
 Acq: 2 Mar 2020 11:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.3	66.9





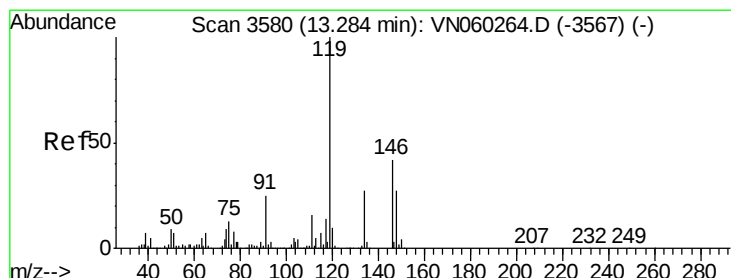
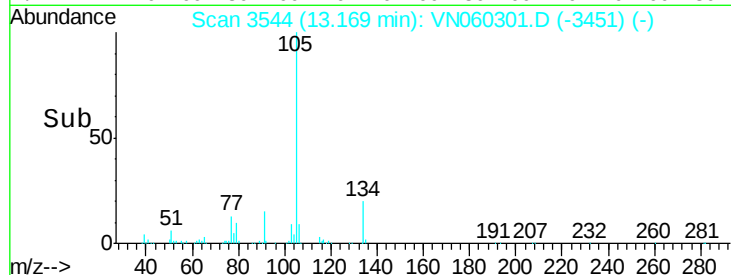
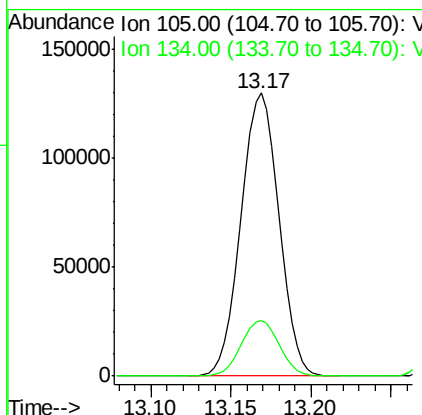
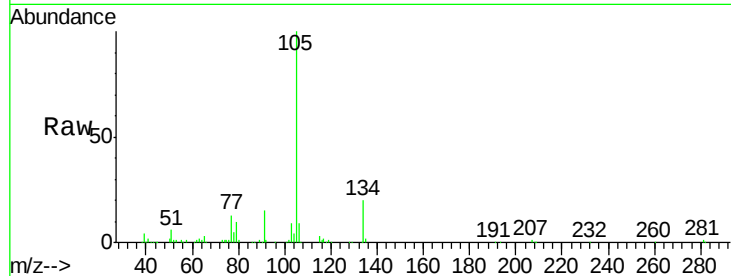
#85
 sec-Butylbenzene
 Concen: 18.619 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN060301.D
 Acq: 2 Mar 2020 11:02

Instrument :
 MSVOA_N
 ClientSampled :
 VN0302WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	210468		
134	19.6	9.8	29.5	

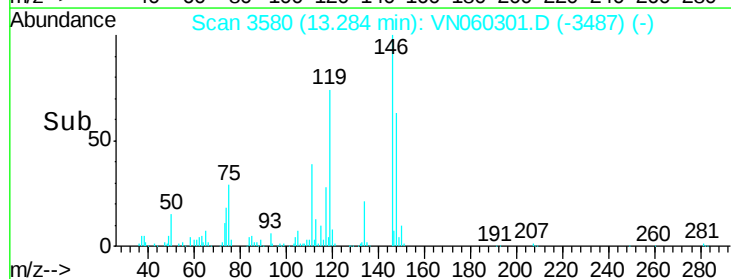
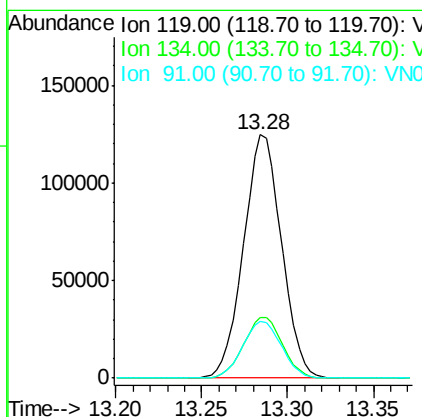
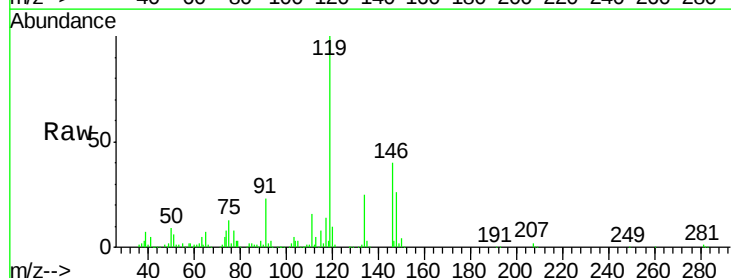
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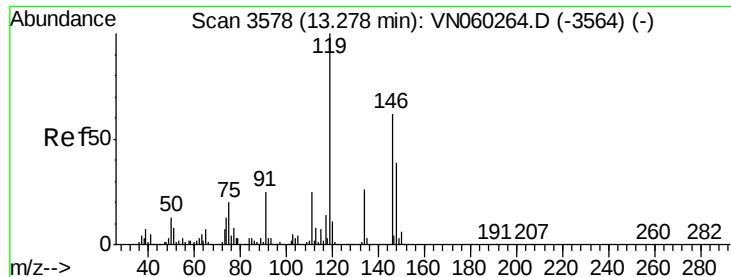
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#86
 p-Isopropyltoluene
 Concen: 18.195 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN060301.D
 Acq: 2 Mar 2020 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	190362		
134	25.6	13.2	39.6	
91	23.9	12.2	36.6	





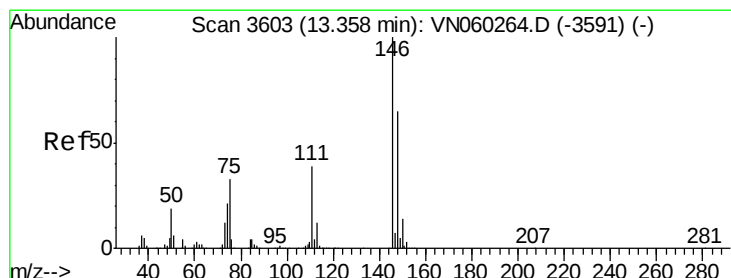
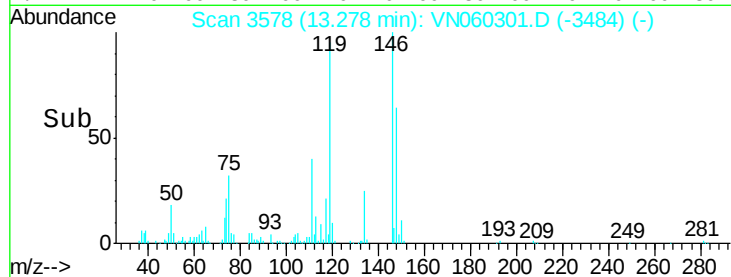
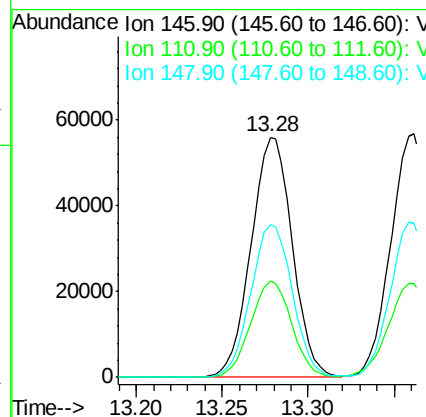
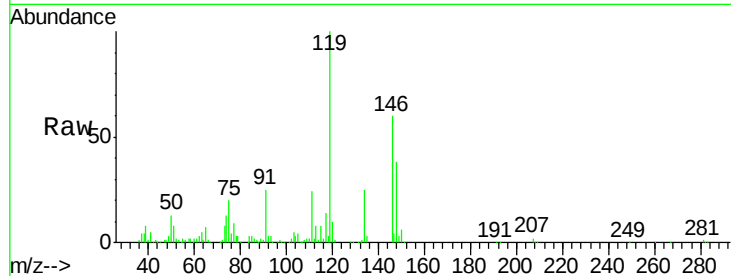
#87
 1,3-Dichlorobenzene
 Concen: 18.985 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN060301.D
 Acq: 2 Mar 2020 11:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0302WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.0	59.9
148	64.1	32.1	96.3

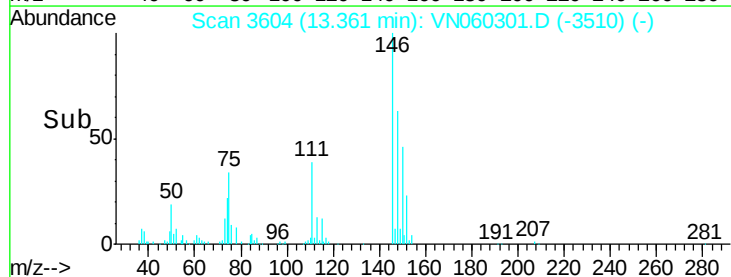
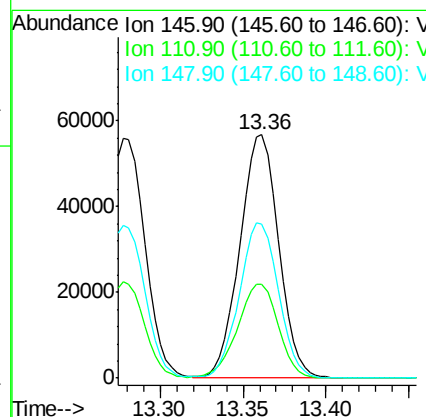
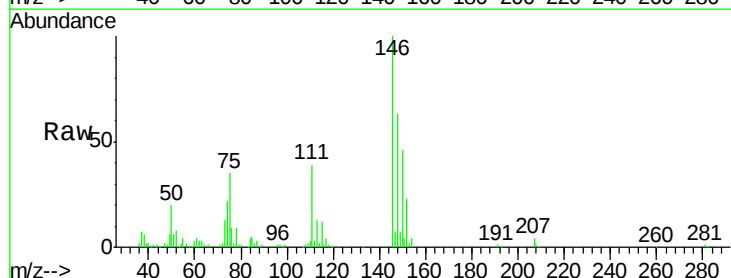
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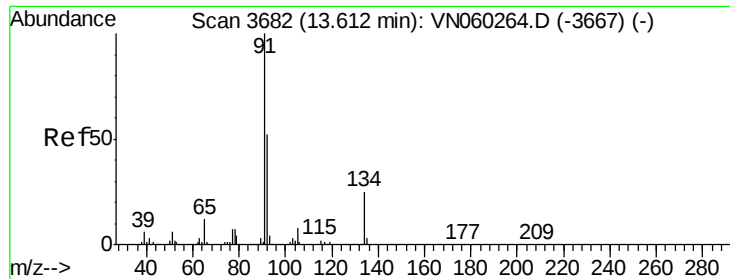
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#88
 1,4-Dichlorobenzene
 Concen: 18.916 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN060301.D
 Acq: 2 Mar 2020 11:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.8	59.4
148	64.4	32.3	96.9





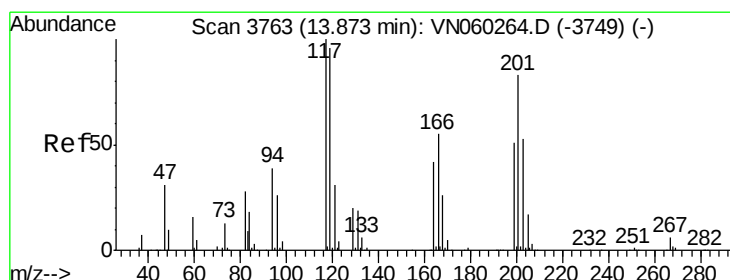
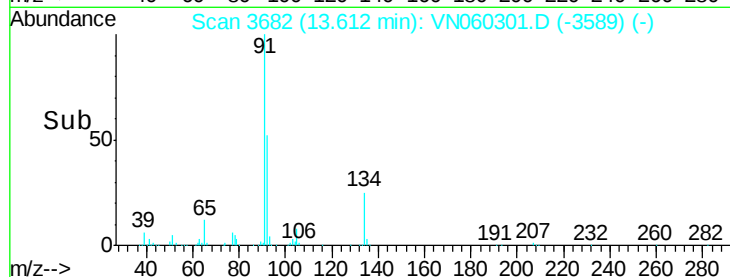
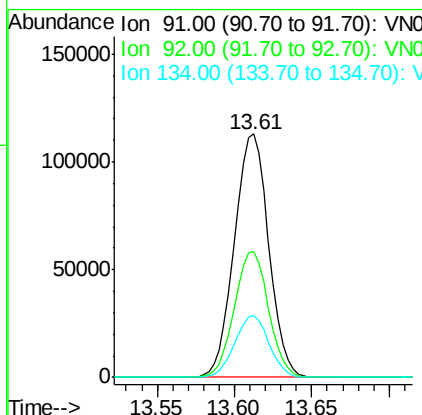
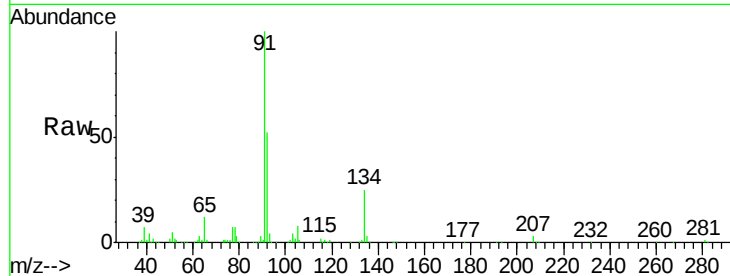
#89
n-Butylbenzene
Concen: 18.102 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN060301.D
Acq: 2 Mar 2020 11:02

Instrument :
MSVOA_N
ClientSampleId :
VN0302WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		173854		
92	51.6	26.0	78.0		
134	25.3	12.7	38.1		

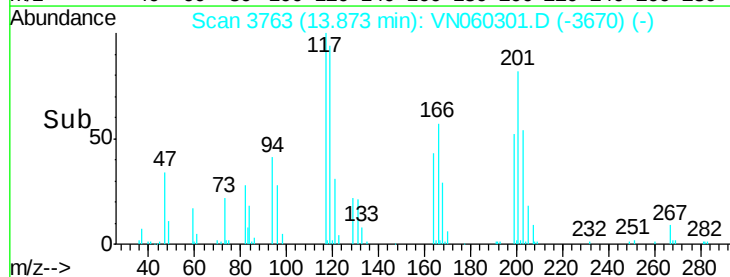
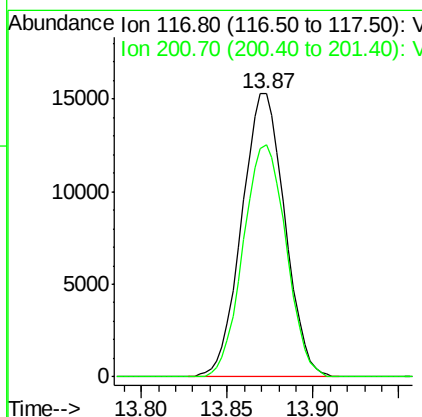
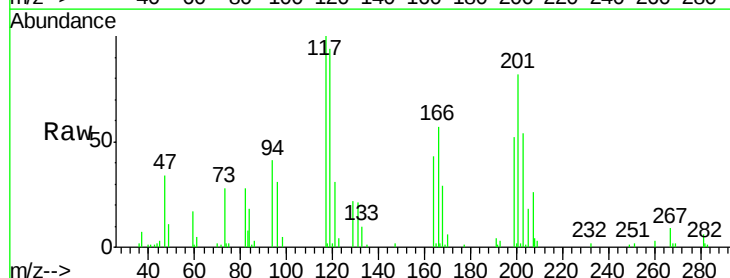
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#90
Hexachloroethane
Concen: 17.537 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN060301.D
Acq: 2 Mar 2020 11:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		26558		
201	81.6	41.0	123.0		





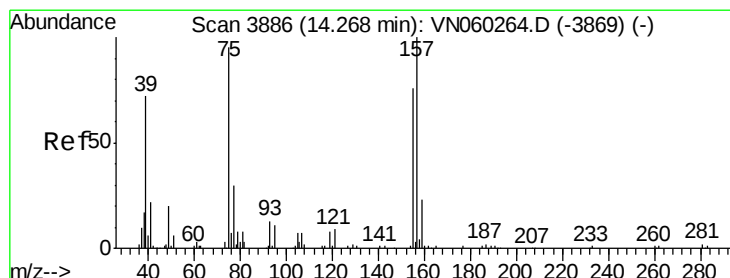
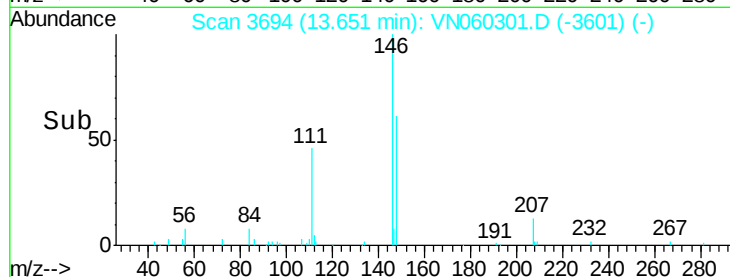
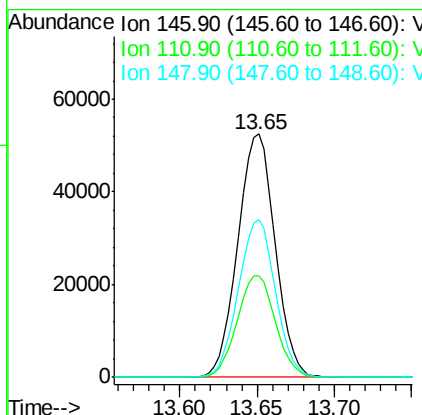
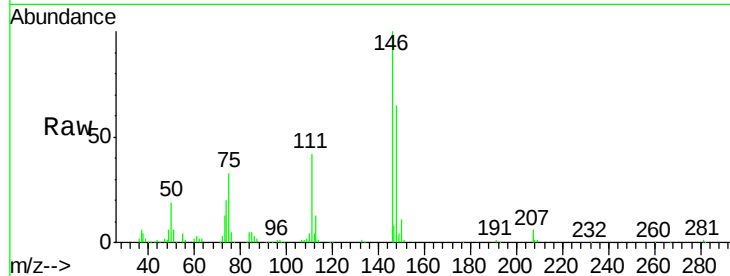
#91
 1,2-Dichlorobenzene
 Concen: 17.756 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN060301.D
 Acq: 2 Mar 2020 11:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0302WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.3	61.0
148	64.3	31.8	95.3

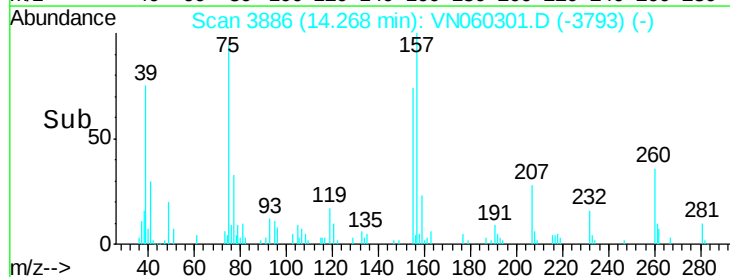
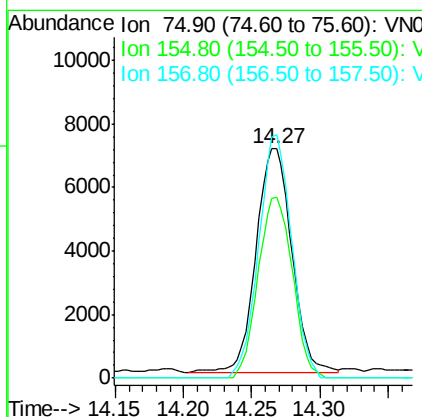
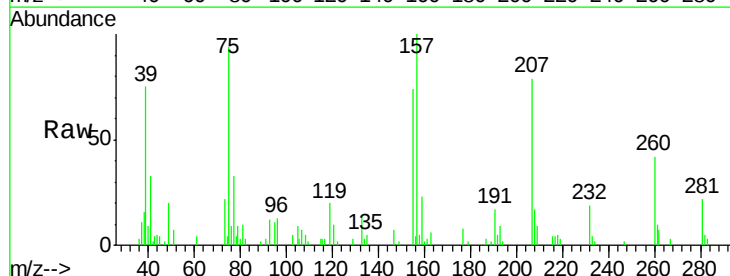
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.885 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN060301.D
 Acq: 2 Mar 2020 11:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.7	40.4	121.2
157	100.4	52.5	157.5





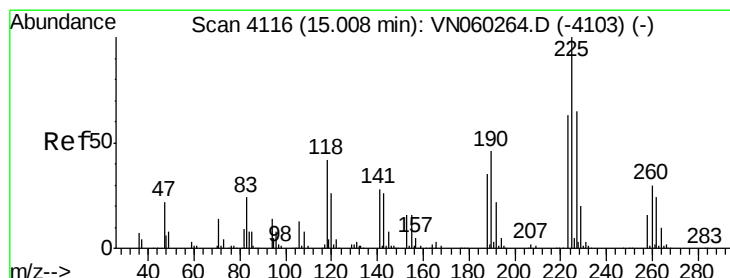
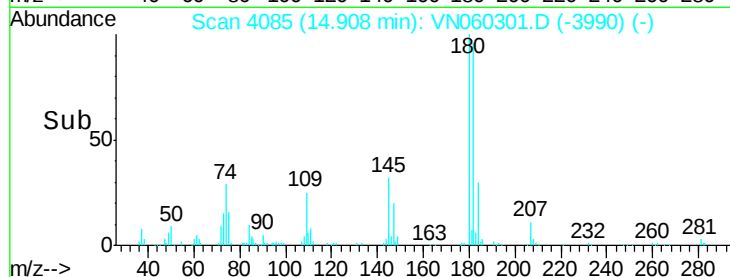
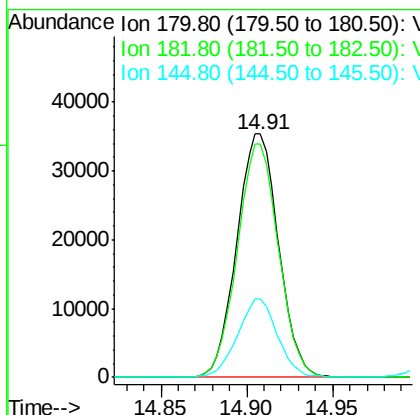
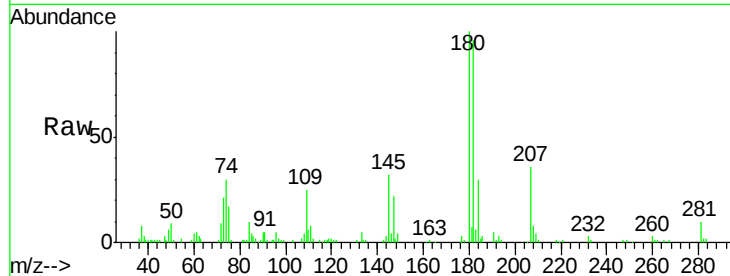
#93
 1,2,4-Trichlorobenzene
 Concen: 18.862 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060301.D
 Acq: 2 Mar 2020 11:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0302WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.8	143.3
145	30.9	15.4	46.1

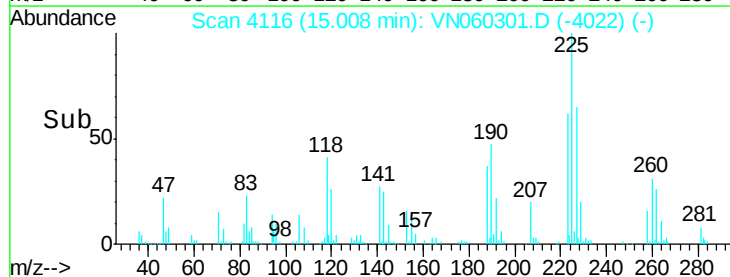
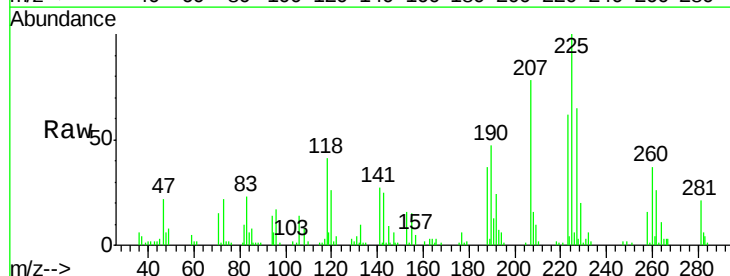
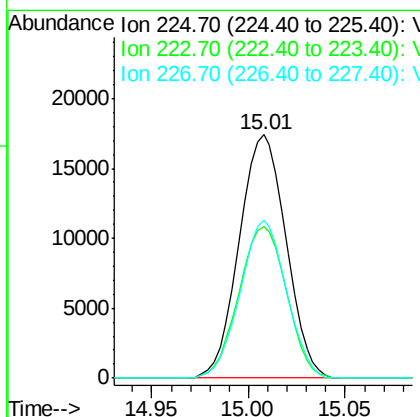
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#94
 Hexachlorobutadiene
 Concen: 19.826 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN060301.D
 Acq: 2 Mar 2020 11:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.3	93.9
227	63.5	32.3	96.9





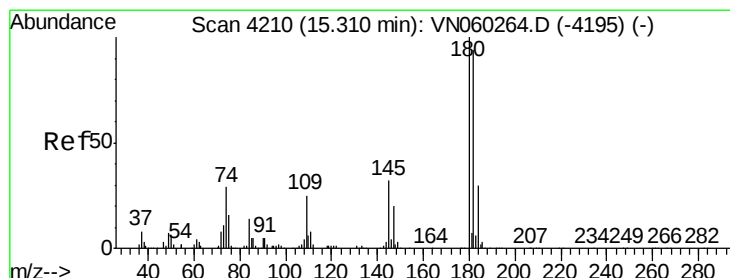
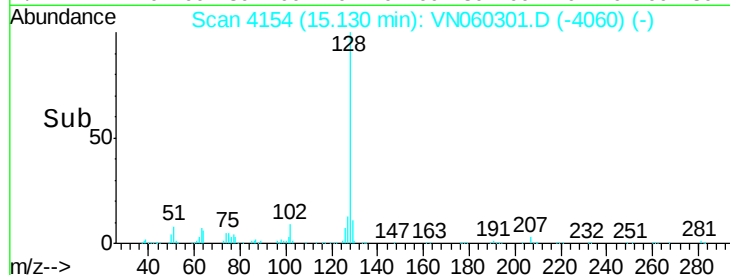
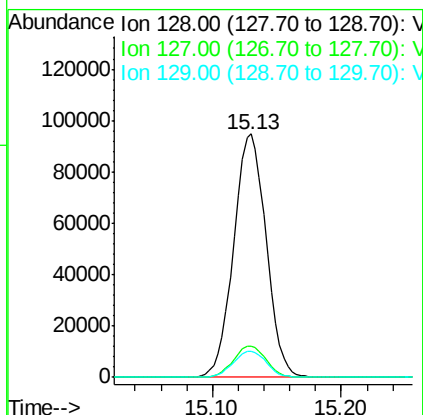
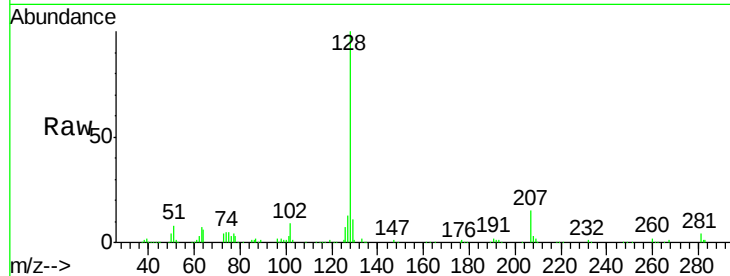
#95
Naphthalene
Concen: 17.646 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060301.D
Acq: 2 Mar 2020 11:02

Instrument :
MSVOA_N
ClientSampleId :
VN0302WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/3/2020 10:04:27 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.919 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN060301.D
Acq: 2 Mar 2020 11:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.3	142.0
145	33.5	16.2	48.5

