

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032420\
 Data File : VN060665.D
 Acq On : 24 Mar 2020 12:34
 Operator : JC/MD
 Sample : VN0324WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/25/2020 10:20:16 PM

Quant Time: Mar 25 09:00:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	191845	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	315557	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	286158	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	132997	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	132174	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
35) Dibromofluoromethane	7.56	113	95474	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
50) Toluene-d8	10.08	98	385586	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
62) 4-Bromofluorobenzene	12.40	95	138663	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	36213	19.508	ug/l	99
3) Chloromethane	2.04	50	63175	18.222	ug/l	98
4) Vinyl Chloride	2.16	62	49266	18.168	ug/l	99
5) Bromomethane	2.54	94	24644	21.053	ug/l	97
6) Chloroethane	2.68	64	29587	18.941	ug/l	94
7) Trichlorofluoromethane	3.00	101	64650	19.354	ug/l	99
8) Diethyl Ether	3.38	74	27902	20.793	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	39122	20.212	ug/l	100
10) Methyl Iodide	3.93	142	34478	20.018	ug/l	99
11) Tert butyl alcohol	4.72	59	41779	107.867	ug/l	99
12) 1,1-Dichloroethene	3.71	96	39049	18.800	ug/l	100
13) Acrolein	3.57	56	48632	113.292	ug/l	99
14) Allyl chloride	4.29	41	71401	19.545	ug/l	98
15) Acrylonitrile	4.94	53	115747	101.626	ug/l	99
16) Acetone	3.78	43	104573	112.098	ug/l	100
17) Carbon Disulfide	4.03	76	118351	18.735	ug/l	100
18) Methyl Acetate	4.28	43	54269	20.668	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	140935	19.735	ug/l	94
20) Methylene Chloride	4.52	84	45602	19.872	ug/l	97
21) trans-1,2-Dichloroethene	5.00	96	42815	19.341	ug/l	99
22) Diisopropyl ether	5.91	45	158019	20.474	ug/l	98
23) Vinyl Acetate	5.85	43	649422	103.128	ug/l	99
24) 1,1-Dichloroethane	5.81	63	83581	19.865	ug/l	99
25) 2-Butanone	6.79	43	156208	103.480	ug/l	99
26) 2,2-Dichloropropane	6.79	77	70491	21.294	ug/l	99
27) cis-1,2-Dichloroethene	6.79	96	49200	19.558	ug/l	98
28) Bromochloromethane	7.16	49	40597	20.167	ug/l	98
29) Tetrahydrofuran	7.17	42	105788	99.046	ug/l	99
30) Chloroform	7.34	83	79632	19.743	ug/l	100
31) Cyclohexane	7.63	56	80644	19.012	ug/l	96
32) 1,1,1-Trichloroethane	7.54	97	66545	19.138	ug/l	98
36) 1,1-Dichloropropene	7.77	75	61688	20.189	ug/l	99
37) Ethyl Acetate	6.89	43	66437	20.123	ug/l	99
38) Carbon Tetrachloride	7.75	117	53404	19.501	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	72543	19.978	ug/l	98
40) Benzene	8.02	78	186024	20.167	ug/l	99
41) Methacrylonitrile	7.14	41	29316m	20.806	ug/l	
42) 1,2-Dichloroethane	8.10	62	66177	20.993	ug/l	99
43) Isopropyl Acetate	8.14	43	110705	20.332	ug/l	100
44) Trichloroethene	8.81	130	47899	20.599	ug/l	97
45) 1,2-Dichloropropane	9.10	63	50532	20.762	ug/l	97
46) Dibromomethane	9.19	93	30480	20.714	ug/l	99
47) Bromodichloromethane	9.38	83	61635	20.157	ug/l	98
48) Methyl methacrylate	9.18	41	47896	19.757	ug/l	99
49) 1,4-Dioxane	9.18	88	14255	494.704	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	320625	103.479	ug/l	100
52) Toluene	10.14	92	112718	20.234	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	73317	20.874	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	79251	20.568	ug/l	96
55) 1,1,2-Trichloroethane	10.55	97	43953	20.509	ug/l	98
56) Ethyl methacrylate	10.42	69	66365	19.860	ug/l	98
57) 1,3-Dichloropropane	10.70	76	76611	20.600	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	173522	104.480	ug/l	100
59) 2-Hexanone	10.74	43	230231	103.152	ug/l	99
60) Dibromochloromethane	10.89	129	44379	20.047	ug/l	100
61) 1,2-Dibromoethane	10.99	107	44502	20.650	ug/l	99
64) Tetrachloroethene	10.62	164	45994	20.425	ug/l	99
65) Chlorobenzene	11.42	112	114709	20.221	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	41473	20.192	ug/l	100
67) Ethyl Benzene	11.50	91	213171	20.207	ug/l	100
68) m/p-Xylenes	11.61	106	156981	40.044	ug/l	99
69) o-Xylene	11.94	106	75071	20.060	ug/l	98
70) Styrene	11.96	104	121445	19.842	ug/l	100
71) Bromoform	12.12	173	31696	19.624	ug/l #	99
73) Isopropylbenzene	12.24	105	200951	20.134	ug/l	100
74) N-amyl acetate	12.06	43	92473	20.050	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	61212	20.280	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	55448m	19.321	ug/l	
77) Bromobenzene	12.52	156	48267	20.069	ug/l	100
78) n-propylbenzene	12.59	91	235276	19.953	ug/l	100
79) 2-Chlorotoluene	12.67	91	139878	19.853	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	168270	19.867	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	22164	19.835	ug/l	97
82) 4-Chlorotoluene	12.77	91	143541	20.003	ug/l	100
83) tert-Butylbenzene	12.99	119	139282	19.837	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	168926	20.159	ug/l	99
85) sec-Butylbenzene	13.17	105	187592	19.868	ug/l	100
86) p-Isopropyltoluene	13.28	119	169274	19.937	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	86402	20.369	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	86060	20.194	ug/l	98
89) n-Butylbenzene	13.61	91	153428	20.016	ug/l	99
90) Hexachloroethane	13.87	117	23011	18.646	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	82909	20.441	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	12460	19.546	ug/l	94

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Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	50514	20.281	ug/l	99
94) Hexachlorobutadiene	15.01	225	25094	20.552	ug/l	98
95) Naphthalene	15.13	128	153922	20.546	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	50021	20.389	ug/l	100

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

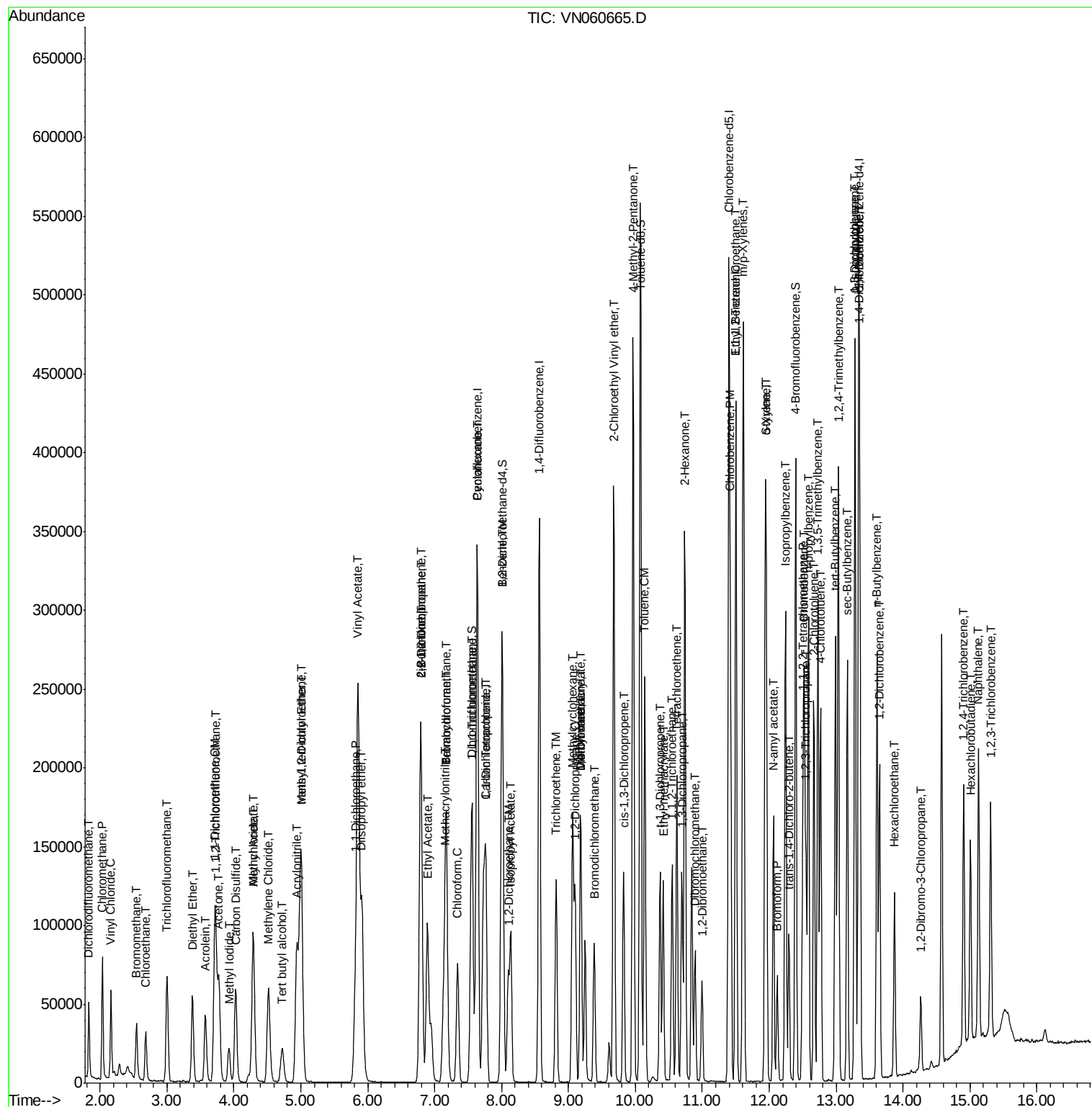
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032420\
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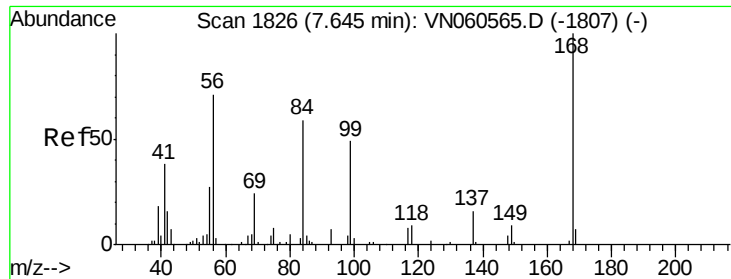
Instrument :
MSVOA_N
Client Sample ID :
VN0324WBSD01

Manual Integrations
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060665.D

Acq: 24 Mar 2020 12:34

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBSD01

Tot Ion:168 Resp: 191845

Ion Ratio Lower Upper

168 100

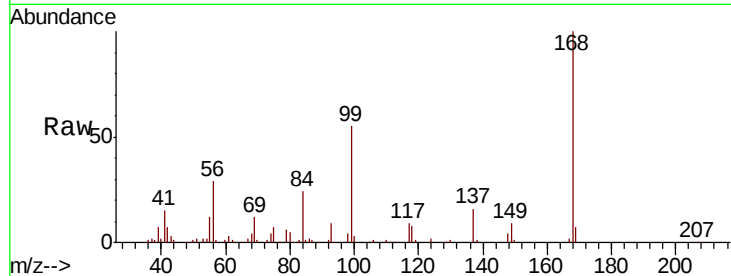
99 54.8 44.0 66.0

Manual Integrations

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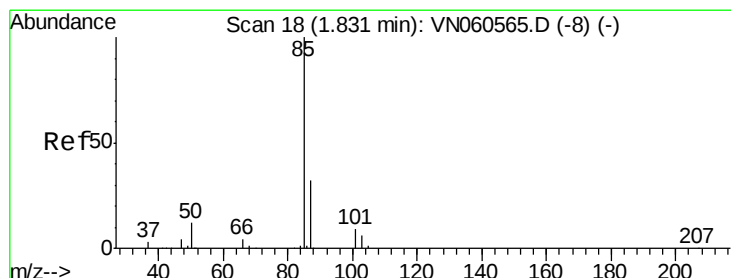
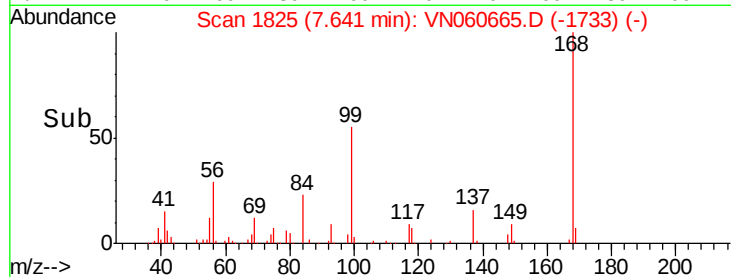
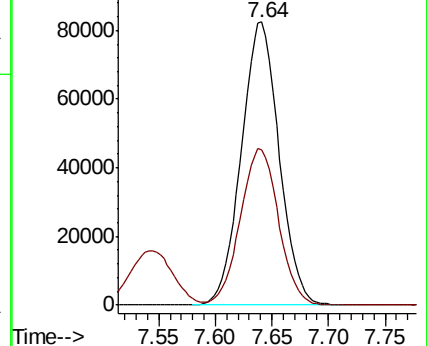
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 19.508 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN060665.D

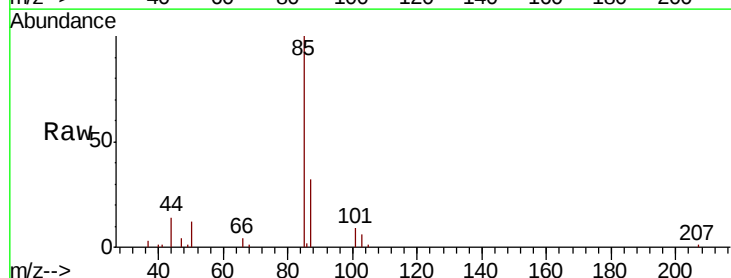
Acq: 24 Mar 2020 12:34

Tgt Ion: 85 Resp: 36213

Ion Ratio Lower Upper

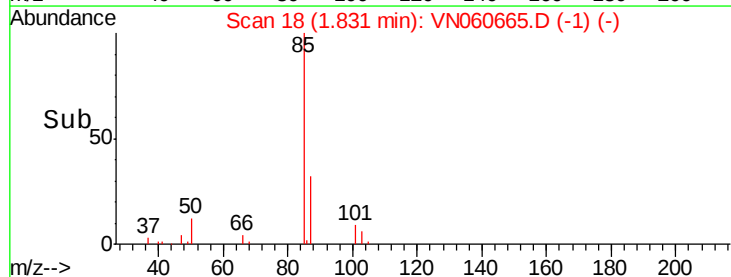
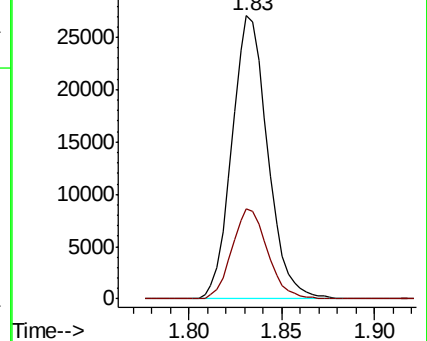
85 100

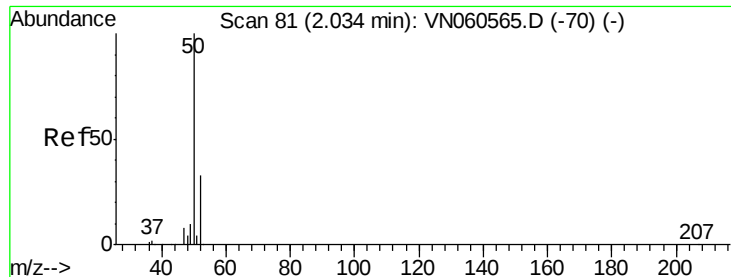
87 31.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 18.222 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060665.D

Acq: 24 Mar 2020 12:34

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBSD01

Tot Ion: 50 Resp: 63175

Ion Ratio Lower Upper

50 100

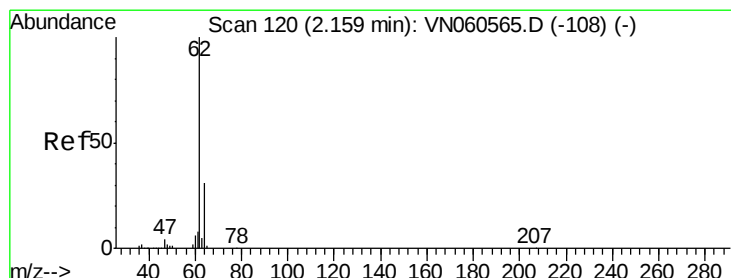
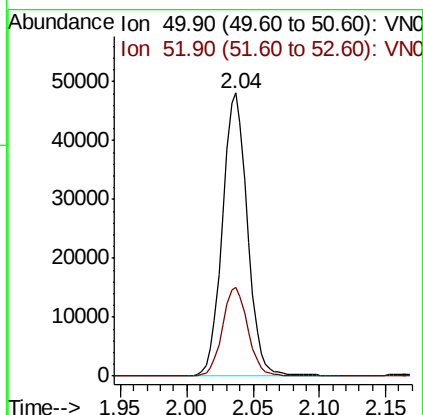
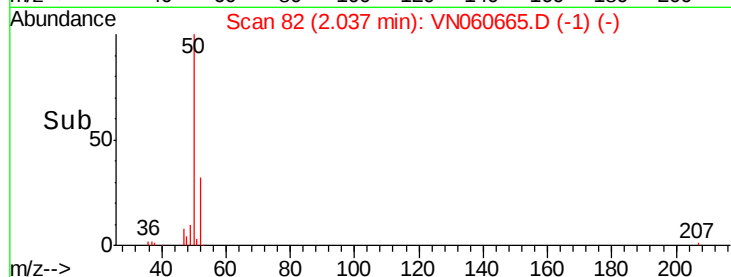
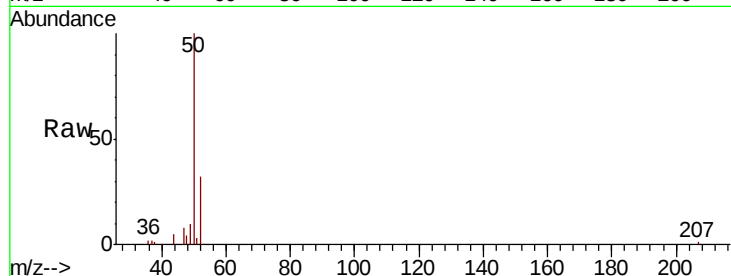
52 31.5 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.168 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.00 min

Lab File: VN060665.D

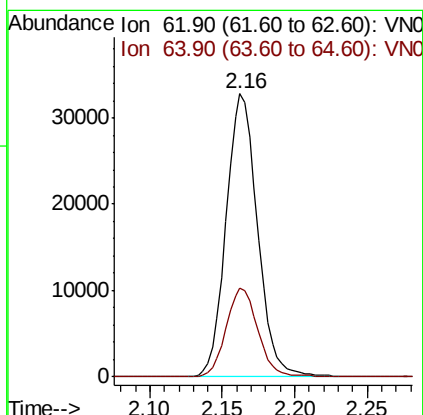
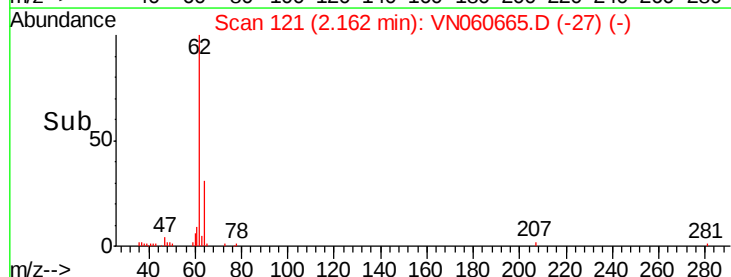
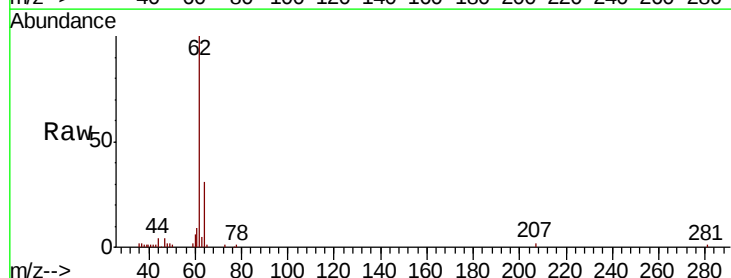
Acq: 24 Mar 2020 12:34

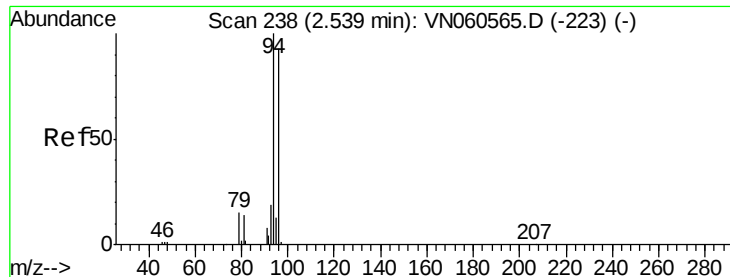
Tgt Ion: 62 Resp: 49266

Ion Ratio Lower Upper

62 100

64 31.4 24.7 37.1





#5

Bromomethane

Concen: 21.053 ug/l

RT: 2.54 min Scan# 240

Delta R.T. 0.01 min

Lab File: VN060665.D

Acq: 24 Mar 2020 12:34

Instrument :

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Tot Ion: 94 Resp: 24644

Ion Ratio Lower Upper

94 100

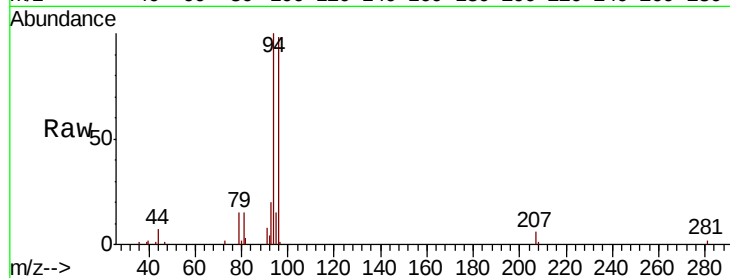
96 96.2 74.6 112.0

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN060565.D (-223) (-)

Ion 95.90 (95.60 to 96.60): VN060565.D (-223) (-)

2.54

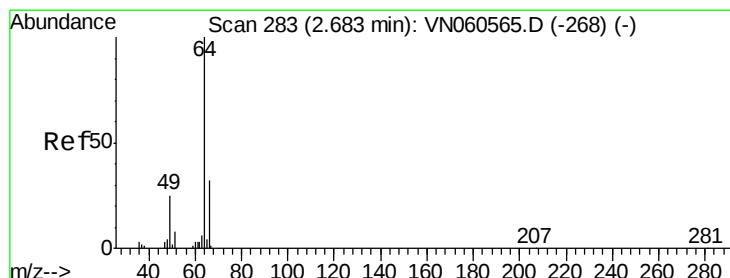
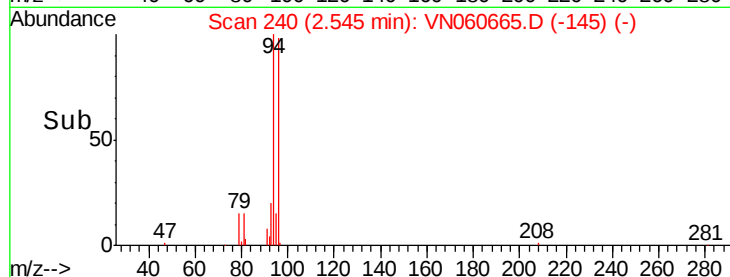
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 18.941 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.00 min

Lab File: VN060665.D

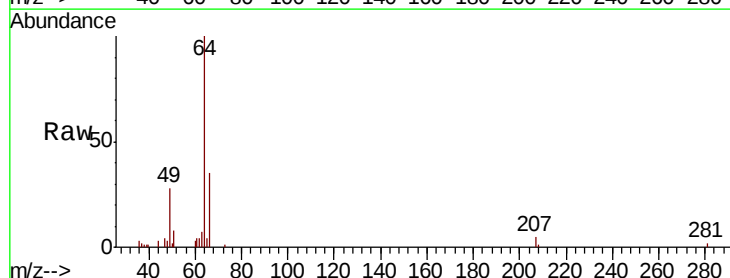
Acq: 24 Mar 2020 12:34

Tgt Ion: 64 Resp: 29587

Ion Ratio Lower Upper

64 100

66 34.7 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN060565.D (-268) (-)

Ion 65.90 (65.60 to 66.60): VN060565.D (-268) (-)

2.68

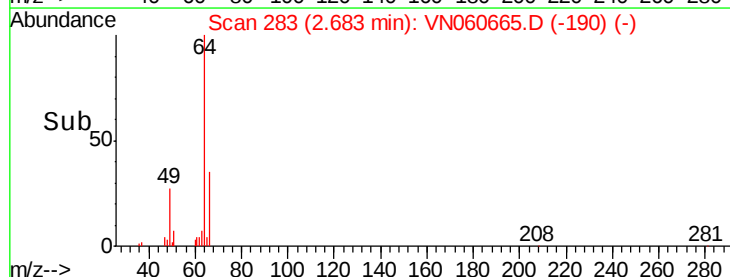
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10000

5000

0

Time-->





#7

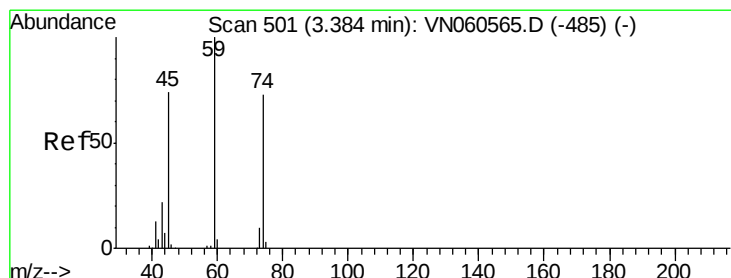
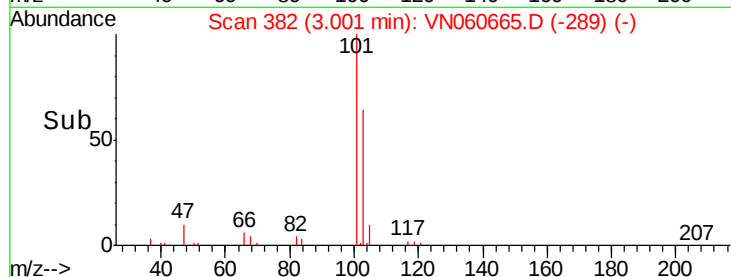
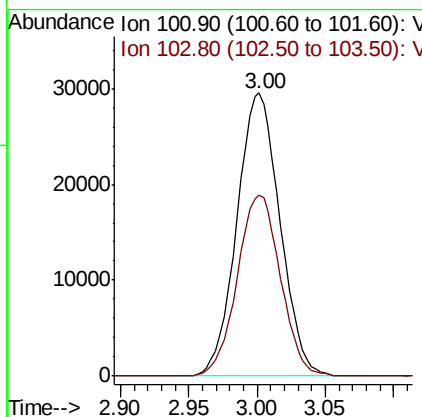
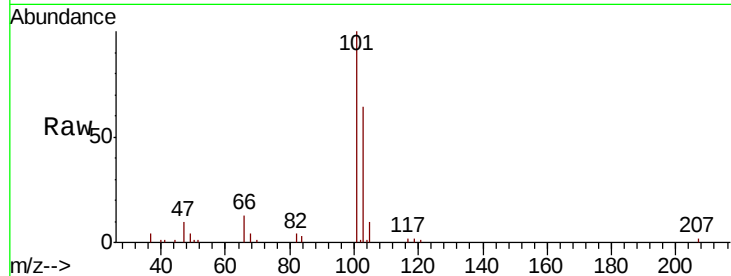
Trichlorofluoromethane
 Concen: 19.354 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. -0.00 min
 Lab File: VN060665.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		64650		
103	64.2	50.6	76.0		

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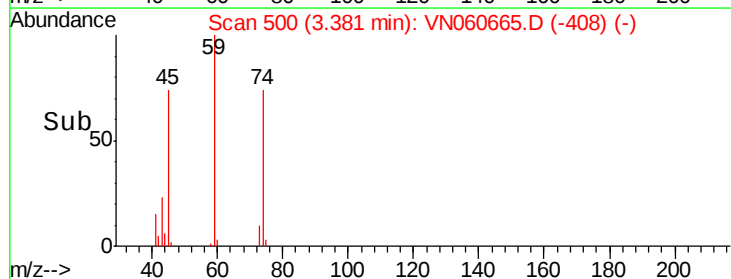
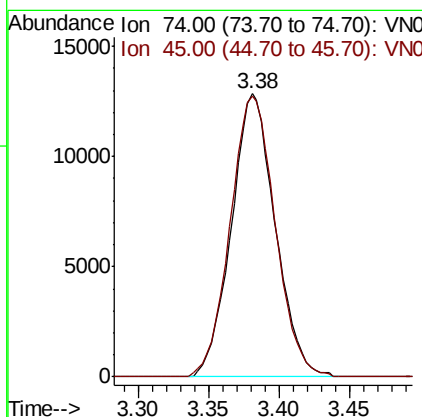
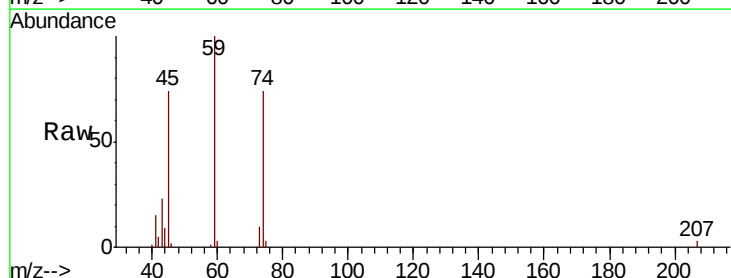
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#8

Diethyl Ether
 Concen: 20.793 ug/l
 RT: 3.38 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: VN060665.D
 Acq: 24 Mar 2020 12:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		27902		
45	101.9	51.3	153.9		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.212 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN060665.D

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Instrument :

MSVOA_N

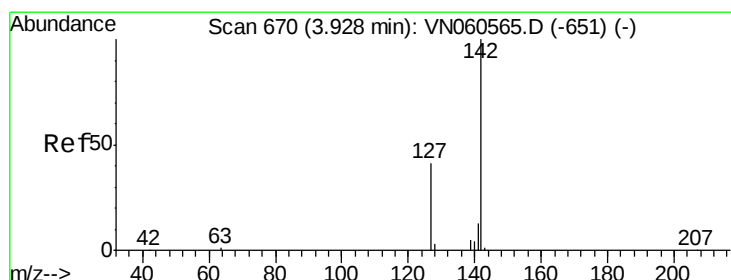
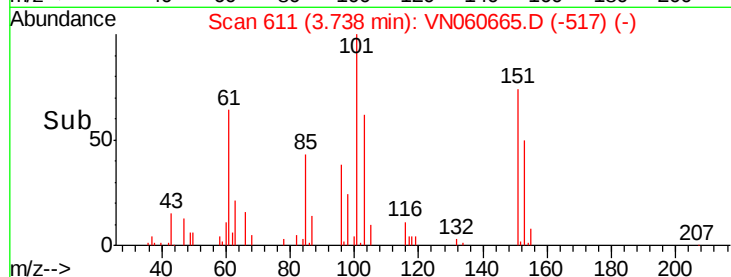
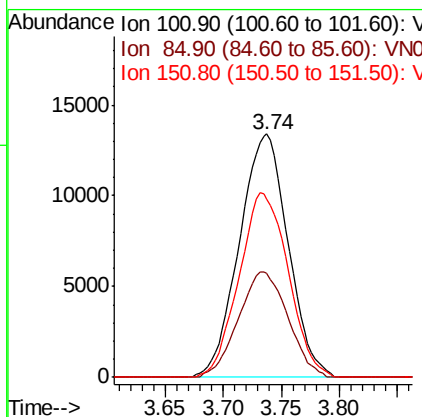
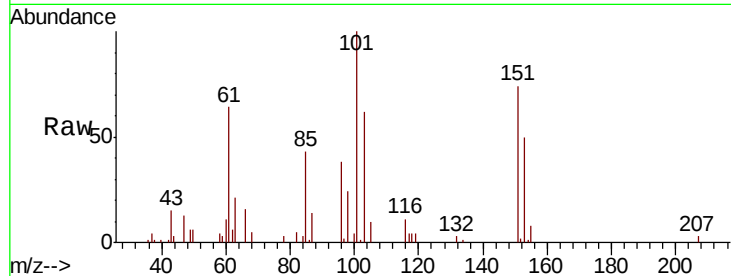
ClientSampleId :

VN0324WBSD01

Tot Ion:	101	Resp:	39122
Ion Ratio	Lower	Upper	
101	100		
85	44.0	35.6	53.4
151	76.6	61.4	92.2

Manual Integrations
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#10

Methyl Iodide

Concen: 20.018 ug/l

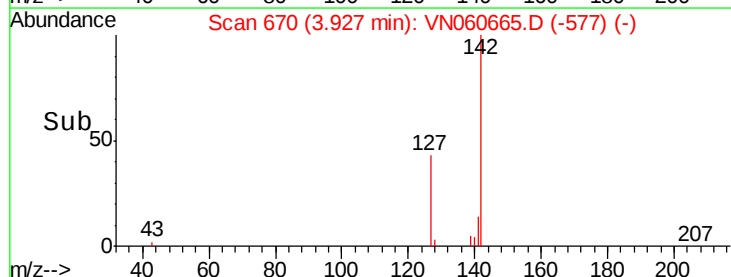
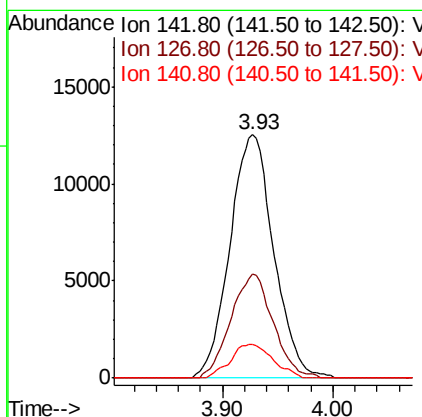
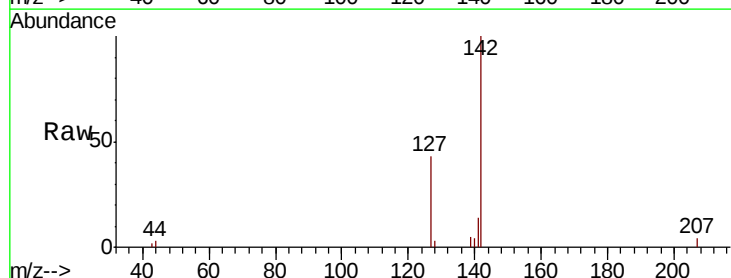
RT: 3.93 min Scan# 670

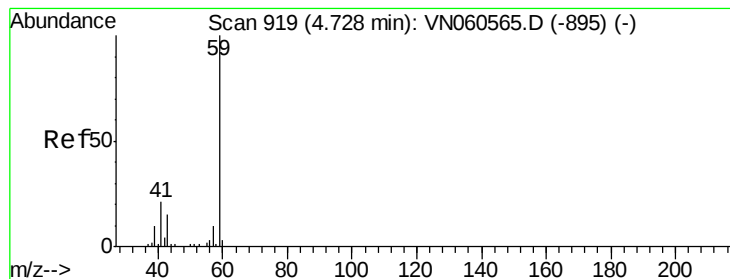
Delta R.T. -0.00 min

Lab File: VN060665.D

Acq: 24 Mar 2020 12:34

Tgt Ion:	142	Resp:	34478
Ion Ratio	Lower	Upper	
142	100		
127	41.3	33.5	50.3
141	13.5	11.0	16.6





#11

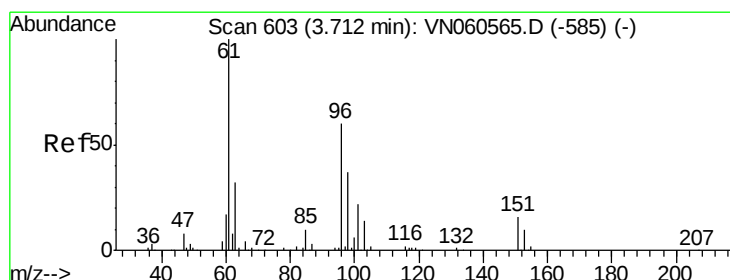
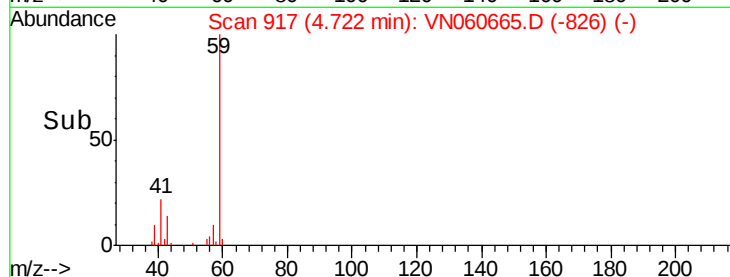
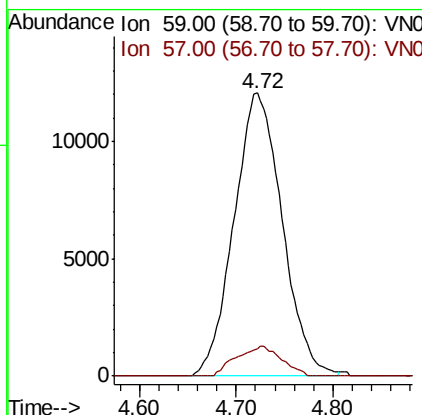
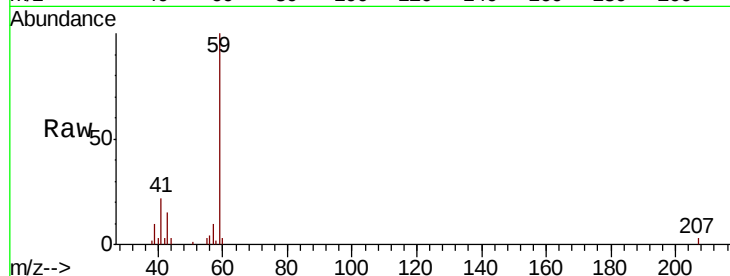
Tert butyl alcohol
Concen: 107.867 ug/l
RT: 4.72 min Scan# 917
Delta R.T. -0.01 min
Lab File: VN060665.D
Acq: 24 Mar 2020 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.2	12.4

Manual Integrations
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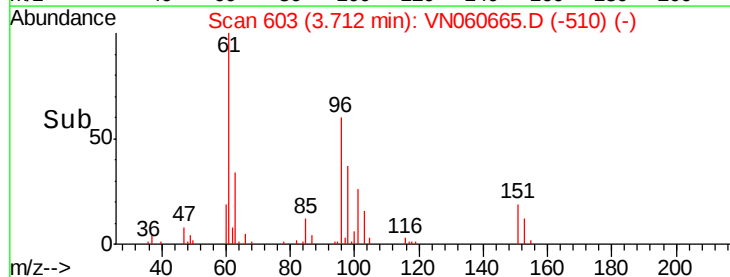
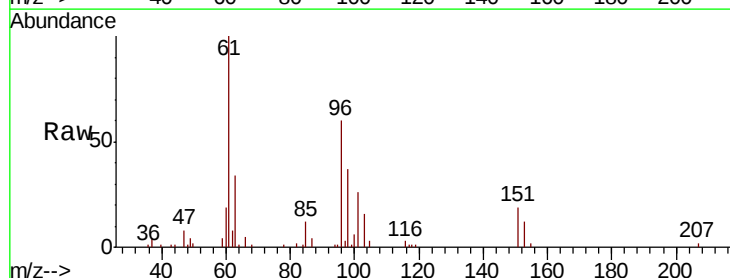
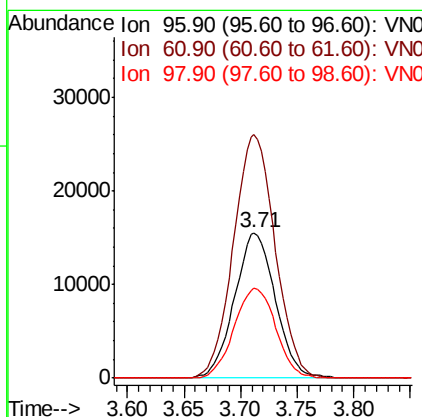
MMDadoda
3/25/2020 10:20:16 PM

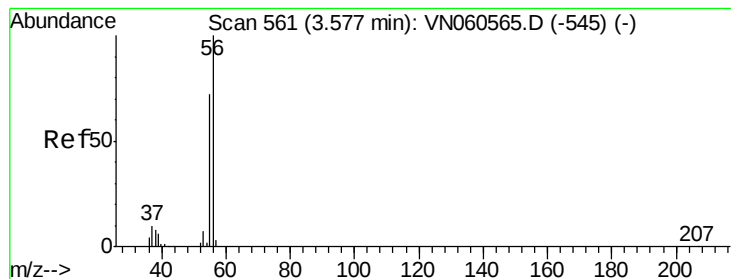


#12

1,1-Dichloroethene
Concen: 18.800 ug/l
RT: 3.71 min Scan# 603
Delta R.T. -0.00 min
Lab File: VN060665.D
Acq: 24 Mar 2020 12:34

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.6	134.1	201.1
98	62.1	49.9	74.9





#13

Acrolein

Concen: 113.292 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN060665.D

Acq: 24 Mar 2020 12:34

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBSD01

Tot Ion: 56 Resp: 48632

Ion Ratio Lower Upper

56 100

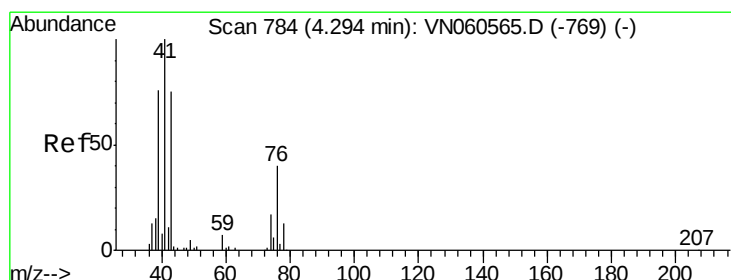
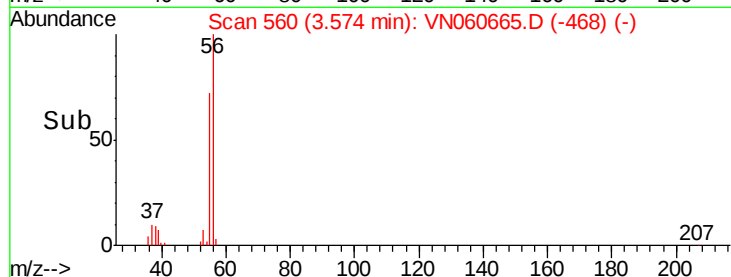
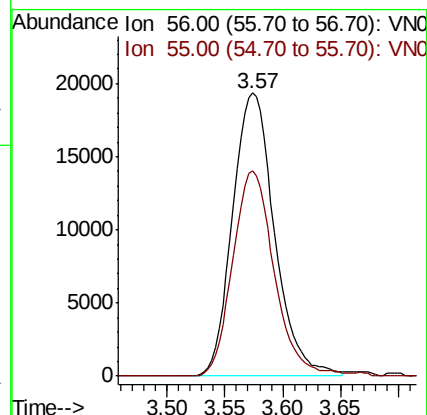
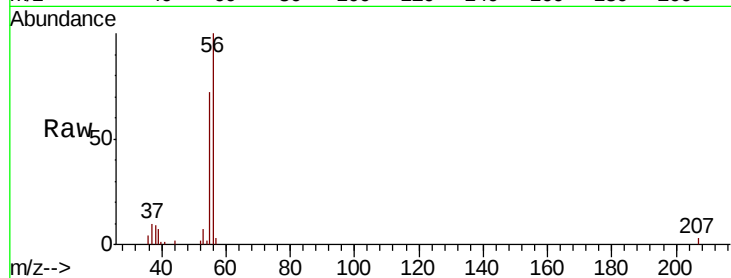
55 71.8 56.7 85.1

Manual Integrations

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#14

Allyl chloride

Concen: 19.545 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.00 min

Lab File: VN060665.D

Acq: 24 Mar 2020 12:34

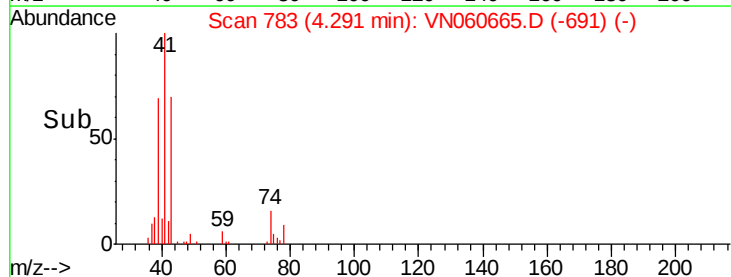
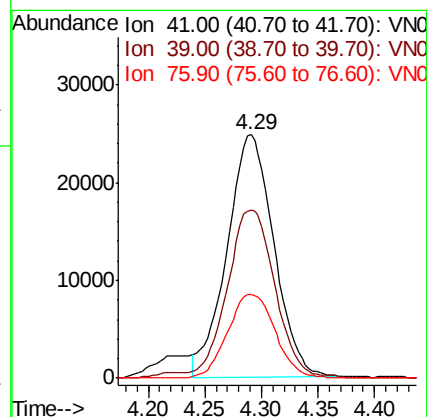
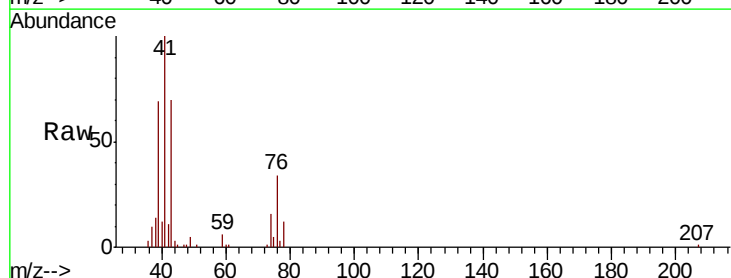
Tgt Ion: 41 Resp: 71401

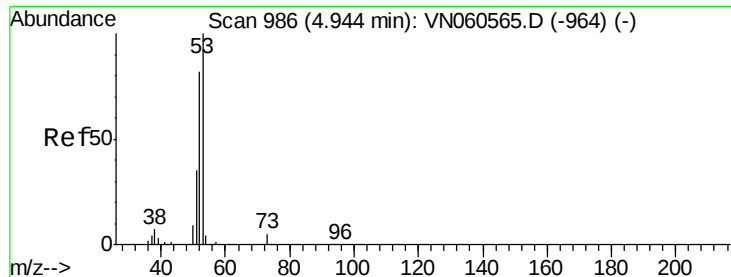
Ion Ratio Lower Upper

41 100

39 70.9 57.8 86.8

76 35.1 28.6 43.0





#15

Acrylonitrile

Concen: 101.626 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN060665.D

Acq: 24 Mar 2020 12:34

Instrument :

MSVOA_N

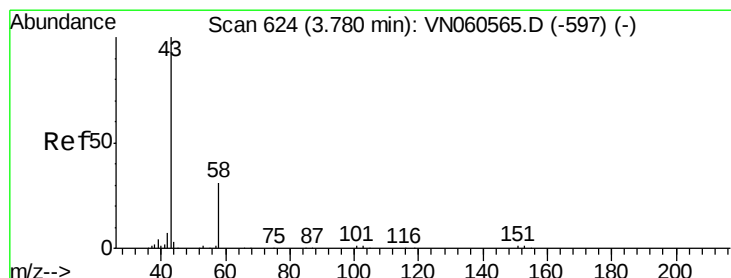
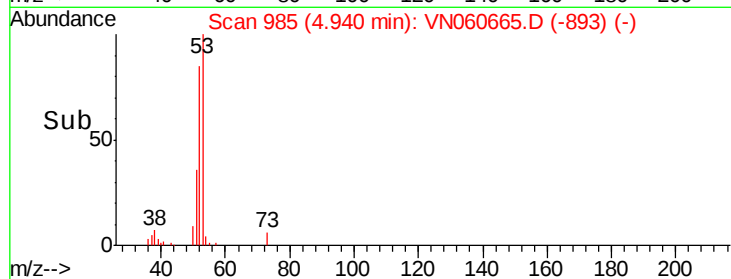
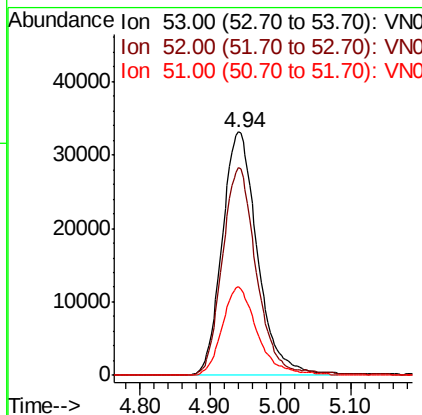
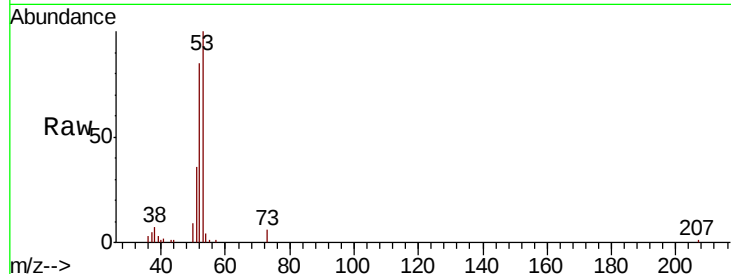
ClientSampleId :

VN0324WBSD01

Tot Ion:	53	Resp:	115747
Ion Ratio	Lower	Upper	
53	100		
52	81.6	66.2	99.4
51	35.8	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 112.098 ug/l

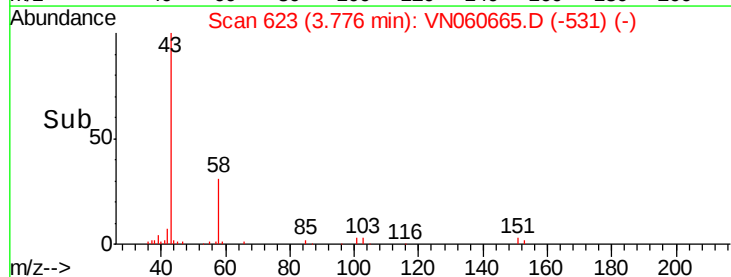
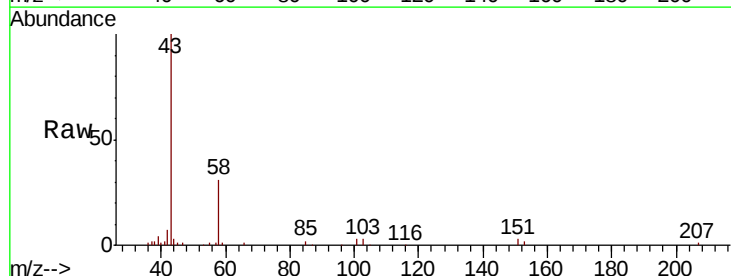
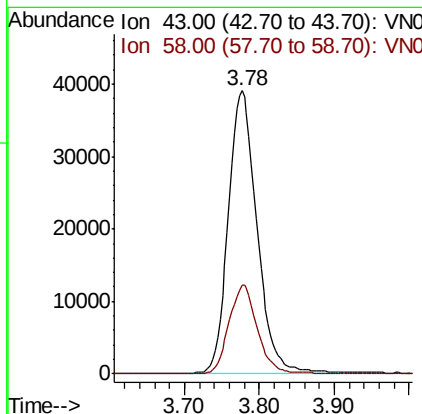
RT: 3.78 min Scan# 623

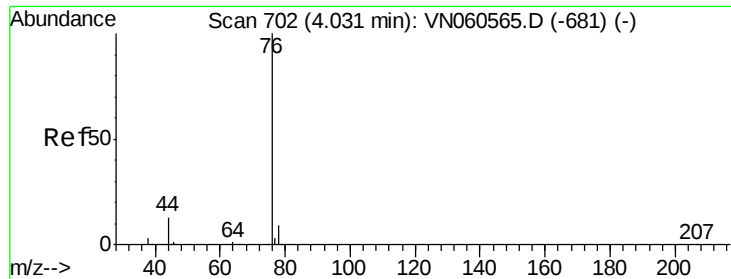
Delta R.T. -0.00 min

Lab File: VN060665.D

Acq: 24 Mar 2020 12:34

Tgt Ion:	43	Resp:	104573
Ion Ratio	Lower	Upper	
43	100		
58	31.2	25.1	37.7





#17

Carbon Disulfide

Concen: 18.735 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN060665.D

Acq: 24 Mar 2020 12:34

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBSD01

Tot Ion: 76 Resp: 118351

Ion Ratio Lower Upper

76 100

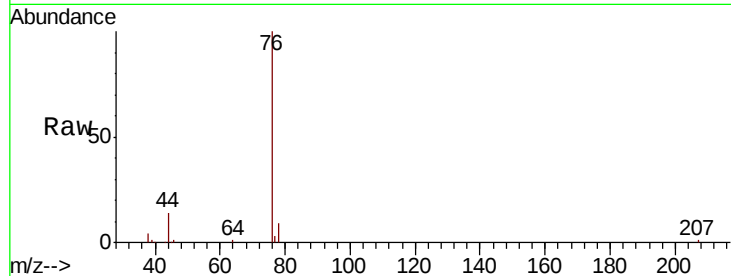
78 9.0 7.2 10.8

Manual Integrations

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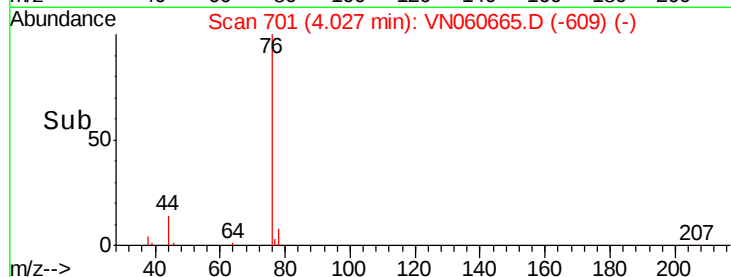


Abundance Ion 75.90 (75.60 to 76.60): VN060565.D (-681) (-)

Ion 77.90 (77.60 to 78.60): VN060565.D (-681) (-)

4.03

Time-->



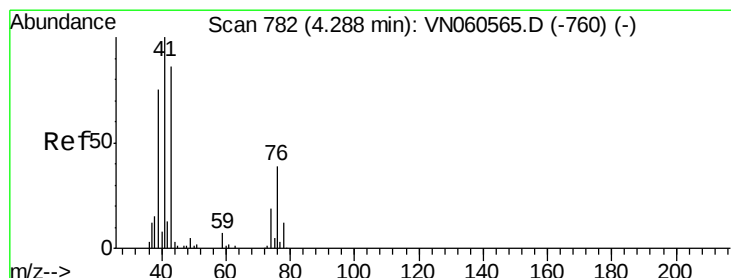
Abundance

Ion 75.90 (75.60 to 76.60): VN060565.D (-681) (-)

Ion 77.90 (77.60 to 78.60): VN060565.D (-681) (-)

4.03

Time-->



#18

Methyl Acetate

Concen: 20.668 ug/l

RT: 4.28 min Scan# 781

Delta R.T. -0.00 min

Lab File: VN060665.D

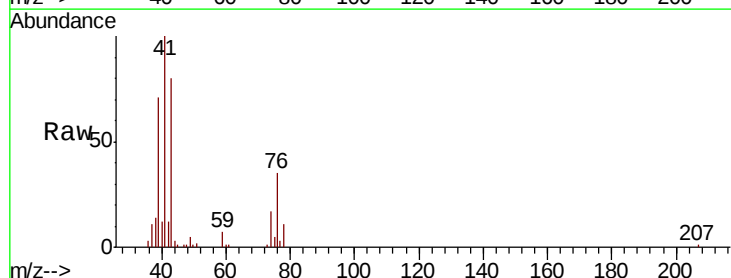
Acq: 24 Mar 2020 12:34

Tgt Ion: 43 Resp: 54269

Ion Ratio Lower Upper

43 100

74 21.6 17.5 26.3

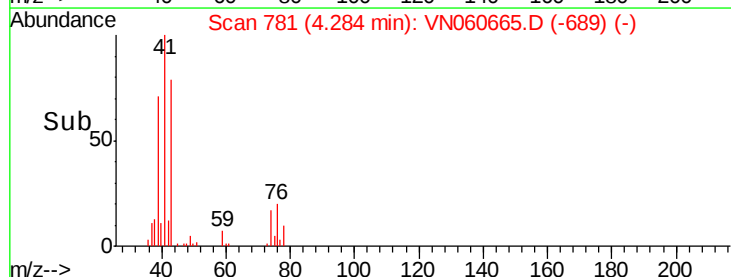


Abundance Ion 43.00 (42.70 to 43.70): VN060565.D (-760) (-)

Ion 74.00 (73.70 to 74.70): VN060565.D (-760) (-)

4.28

Time-->



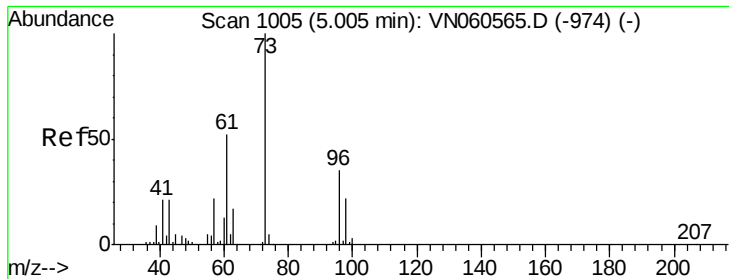
Abundance

Ion 43.00 (42.70 to 43.70): VN060565.D (-760) (-)

Ion 74.00 (73.70 to 74.70): VN060565.D (-760) (-)

4.28

Time-->



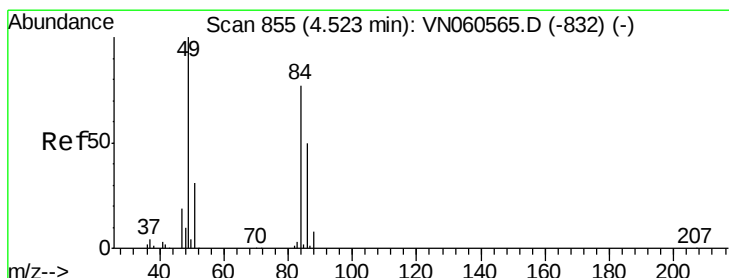
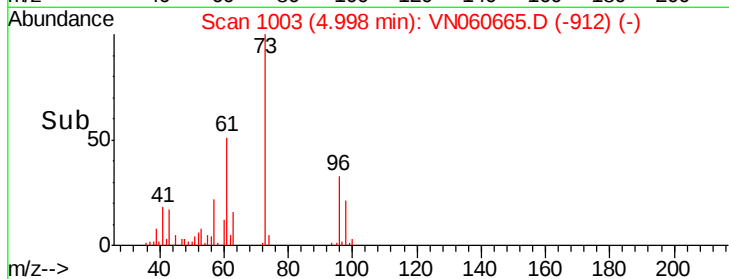
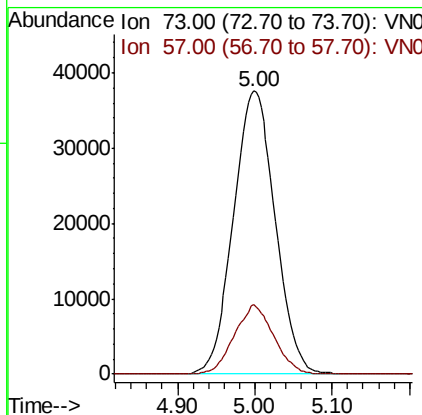
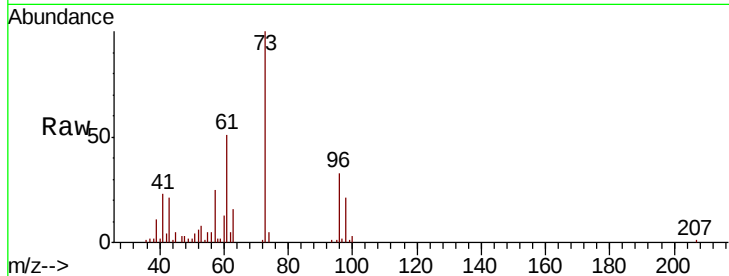
#19
Methyl tert-butyl Ether
Concen: 19.735 ug/l
RT: 5.00 min Scan# 1003
Delta R.T. -0.01 min
Lab File: VN060665.D
Acq: 24 Mar 2020 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

Tot Ion: 73 Resp: 140935
Ion Ratio Lower Upper
73 100
57 24.6 17.5 26.3

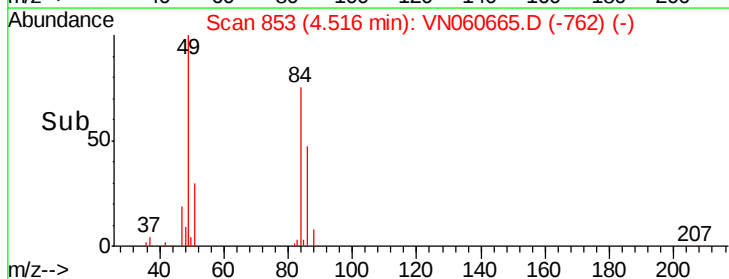
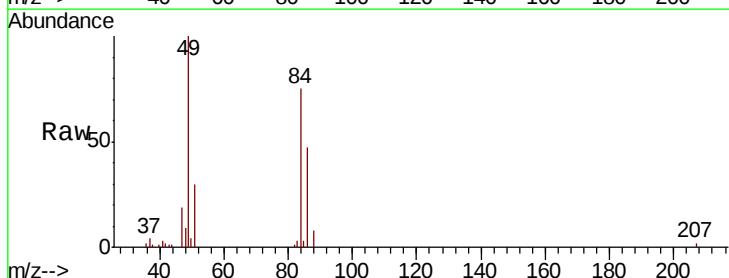
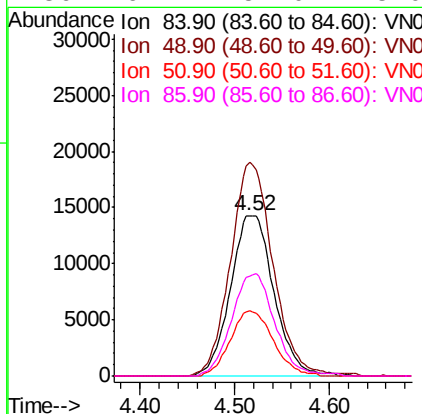
Manual Integrations
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#20
Methylene Chloride
Concen: 19.872 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN060665.D
Acq: 24 Mar 2020 12:34

Tgt Ion: 84 Resp: 45602
Ion Ratio Lower Upper
84 100
49 133.2 103.3 154.9
51 40.4 31.6 47.4
86 62.4 52.0 78.0





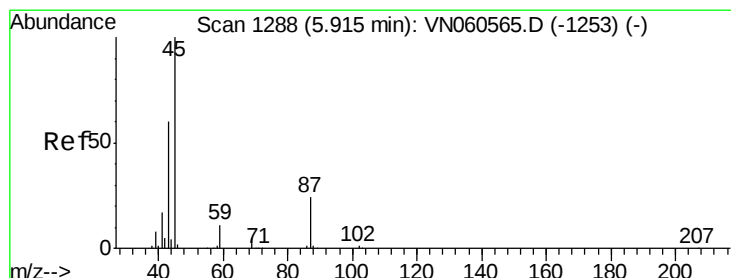
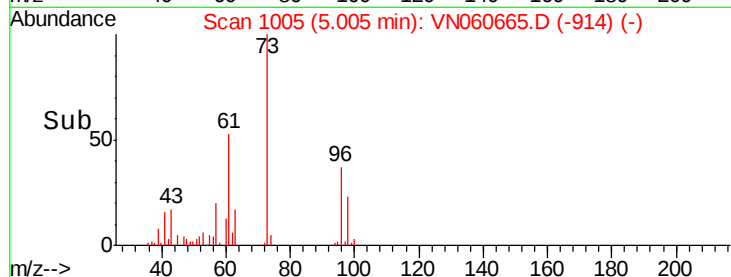
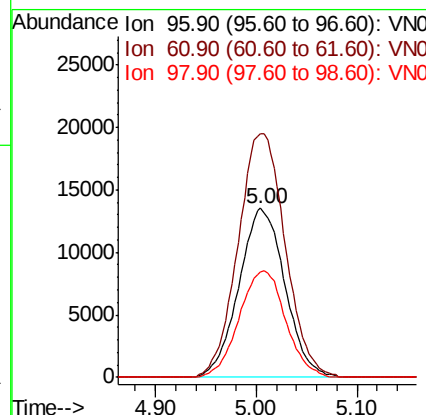
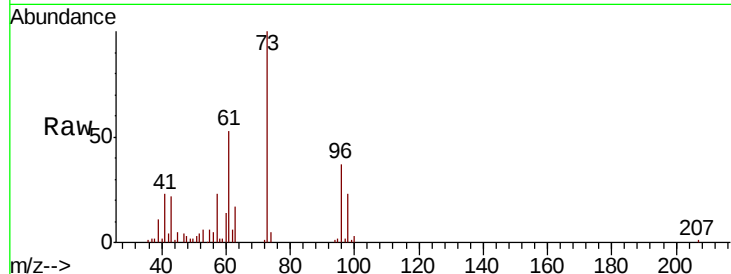
#21
trans-1,2-Dichloroethene
Concen: 19.341 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: VN060665.D
Acq: 24 Mar 2020 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.6	114.4	171.6
98	62.4	48.4	72.6

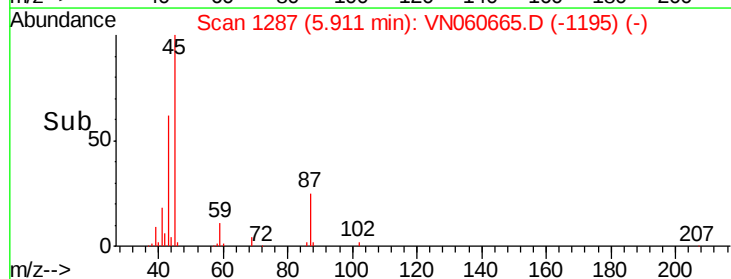
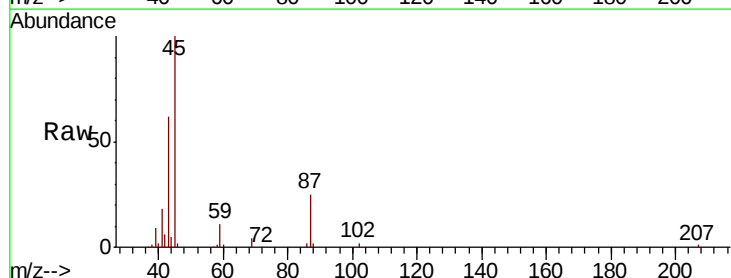
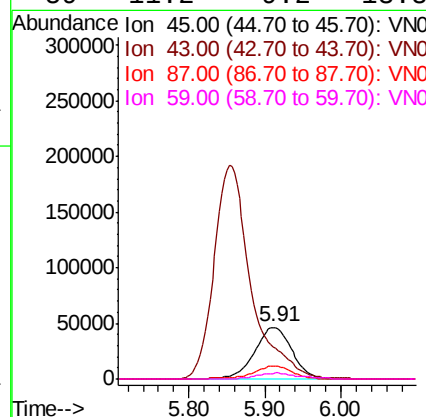
Manual Integrations
APPROVED

MMDadoda
3/25/2020 10:20:16 PM



#22
Diisopropyl ether
Concen: 20.474 ug/l
RT: 5.91 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VN060665.D
Acq: 24 Mar 2020 12:34

Tgt Ion	Ratio	Lower	Upper
45	100		
43	60.0	49.8	74.8
87	24.6	20.1	30.1
59	11.2	9.2	13.8





#23

Vinyl Acetate

Concen: 103.128 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VN060665.D

Acq: 24 Mar 2020 12:34

Instrument :

MSVOA_N

ClientSampled :

VN0324WBSD01

Tot Ion: 43 Resp: 649422

Ion Ratio Lower Upper

43 100

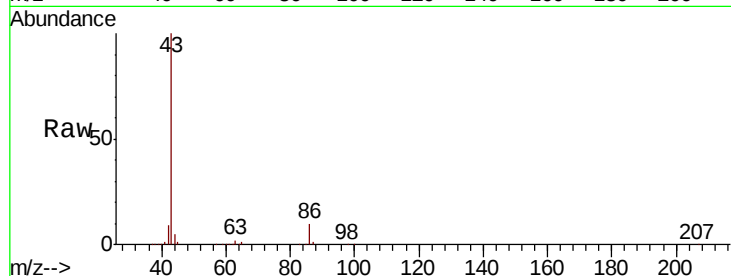
86 9.7 7.6 11.4

Manual Integrations

APPROVED

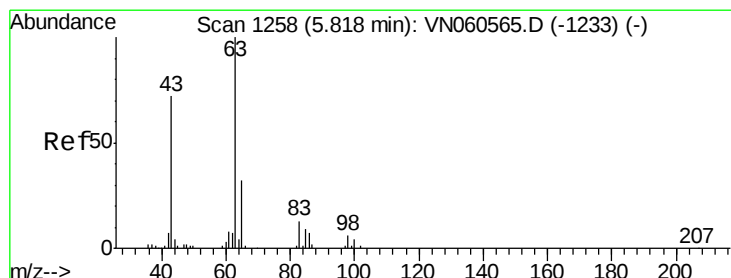
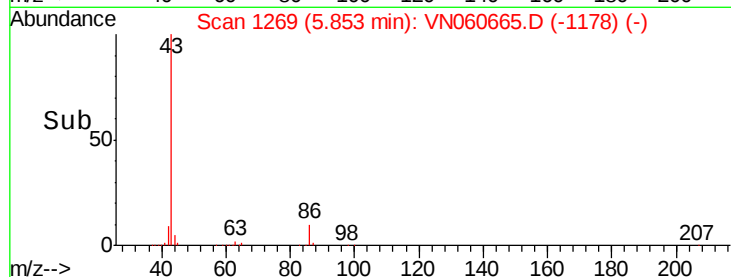
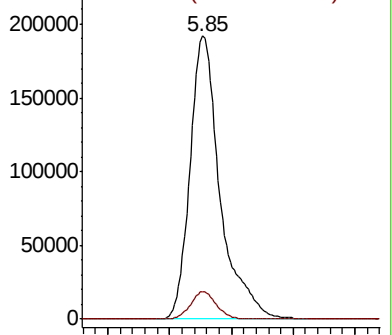
MMDadoda

3/25/2020 10:20:16 PM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 19.865 ug/l

RT: 5.81 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060665.D

Acq: 24 Mar 2020 12:34

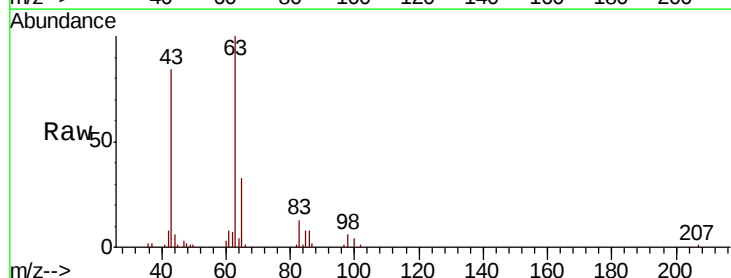
Tgt Ion: 63 Resp: 83581

Ion Ratio Lower Upper

63 100

98 6.2 2.9 8.7

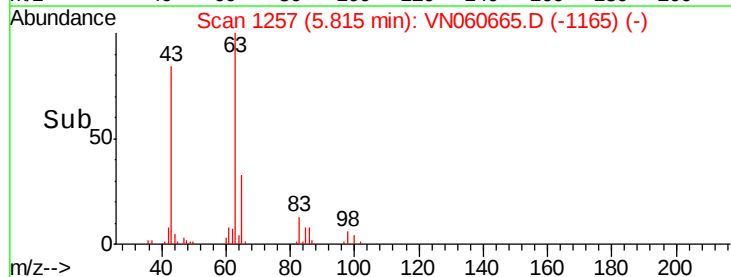
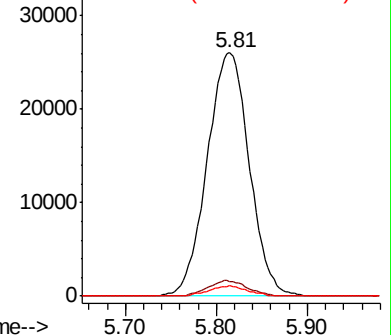
100 4.2 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





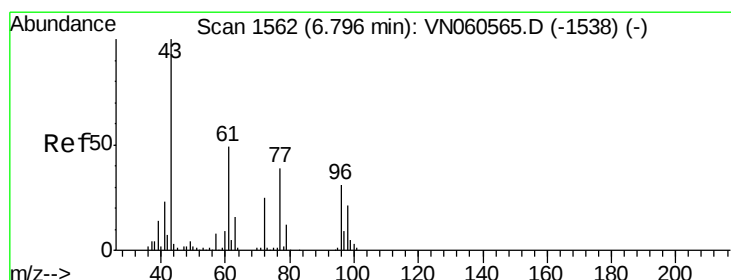
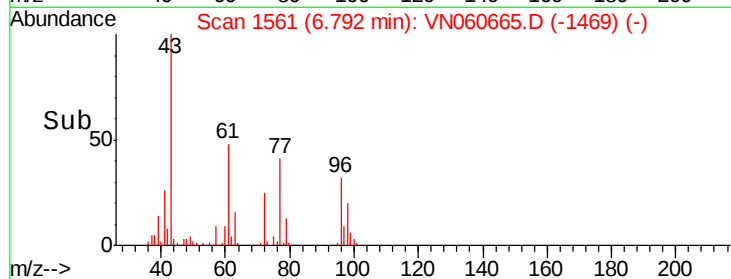
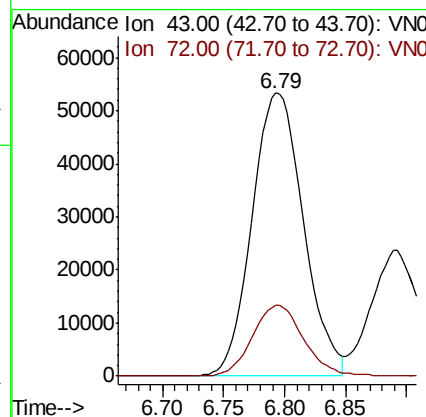
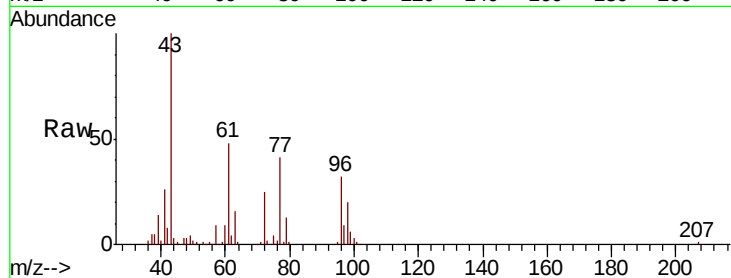
#25
2-Butanone
Concen: 103.480 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN060665.D
Acq: 24 Mar 2020 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

Tot Ion: 43 Resp: 156208
Ion Ratio Lower Upper
43 100
72 24.9 20.4 30.6

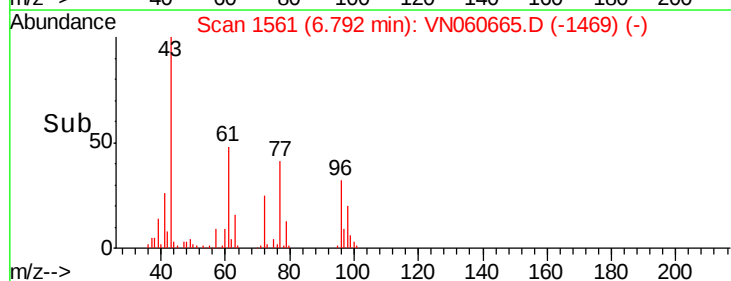
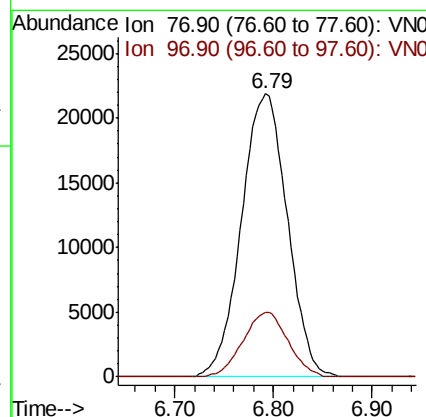
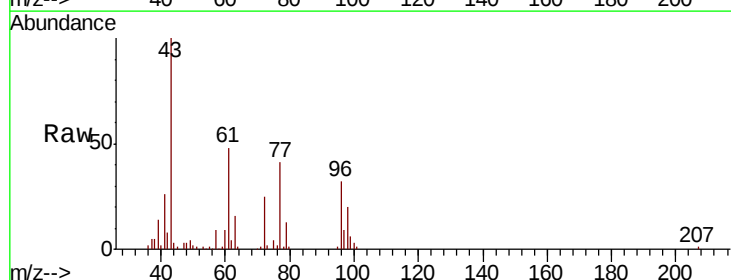
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#26
2,2-Dichloropropane
Concen: 21.294 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN060665.D
Acq: 24 Mar 2020 12:34

Tgt Ion: 77 Resp: 70491
Ion Ratio Lower Upper
77 100
97 22.4 11.4 34.1





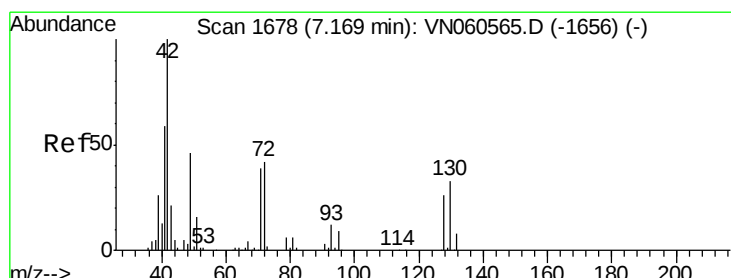
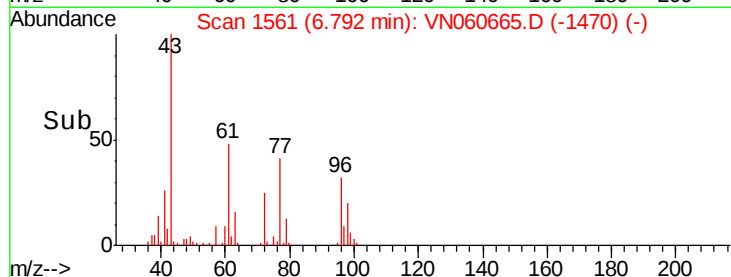
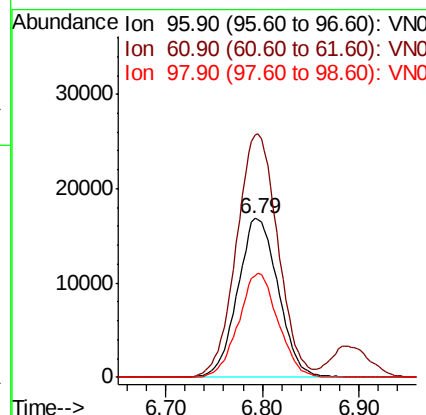
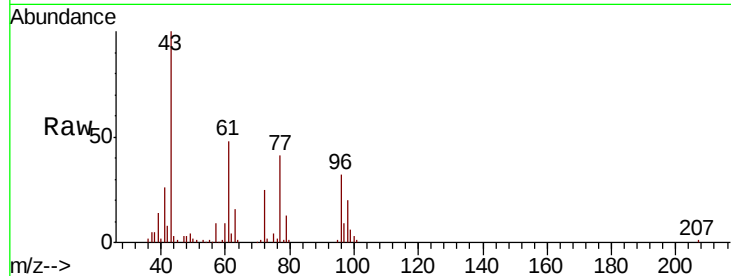
#27
 cis-1,2-Dichloroethene
 Concen: 19.558 ug/l
 RT: 6.79 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: VN060665.D
 Acq: 24 Mar 2020 12:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	49200		
61	156.0		0.0	305.6
98	63.5		0.0	127.6

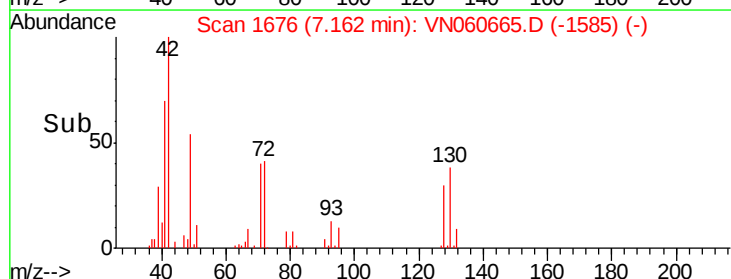
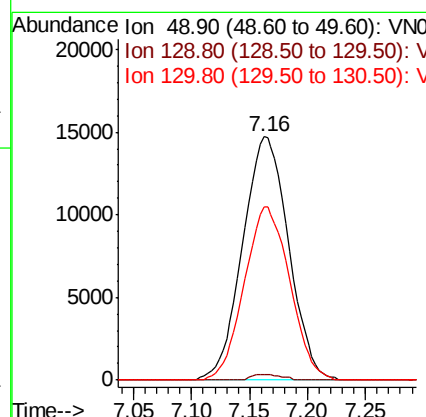
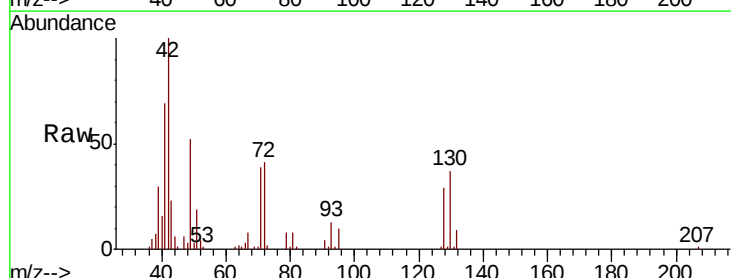
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#28
 Bromochloromethane
 Concen: 20.167 ug/l
 RT: 7.16 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: VN060665.D
 Acq: 24 Mar 2020 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	40597		
129	1.5		0.0	3.4
130	70.4		55.0	82.4





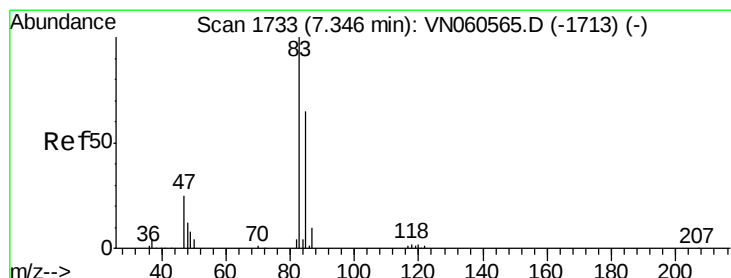
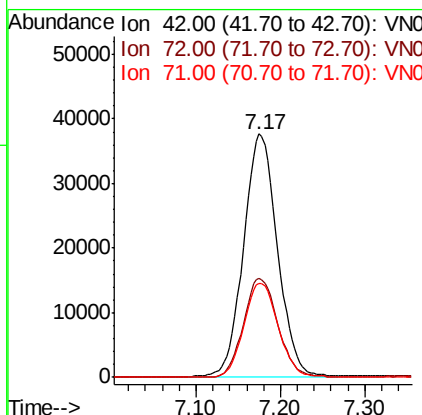
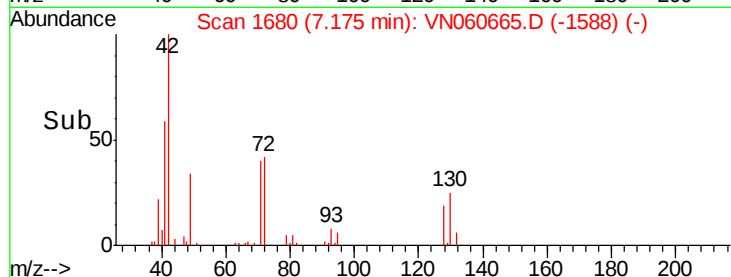
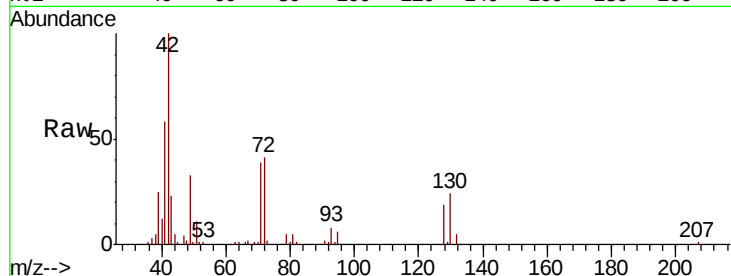
#29
Tetrahydrofuran
Concen: 99.046 ug/l
RT: 7.17 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN060665.D
Acq: 24 Mar 2020 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.8	33.2	49.8
71	38.9	31.1	46.7

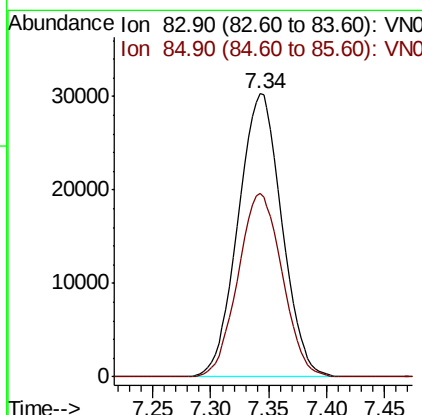
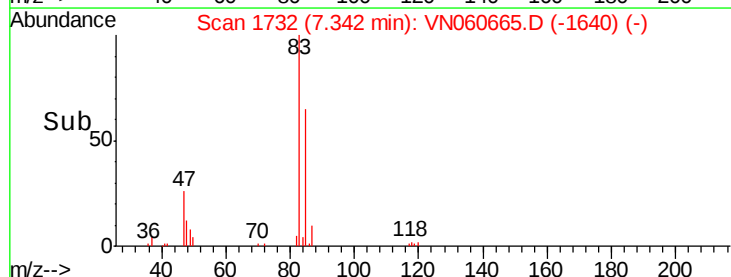
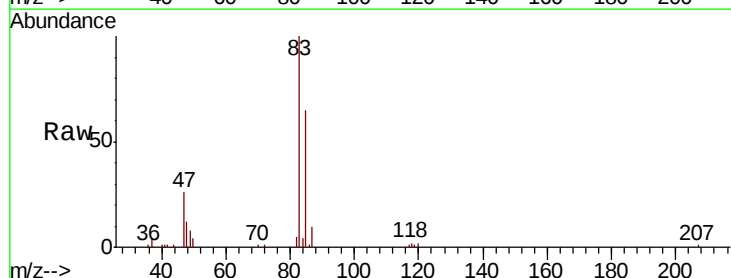
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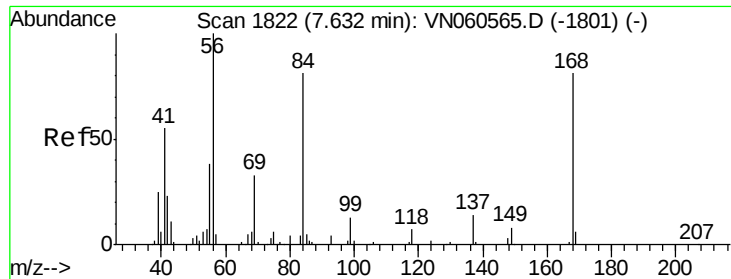
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#30
Chloroform
Concen: 19.743 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN060665.D
Acq: 24 Mar 2020 12:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.8	77.8





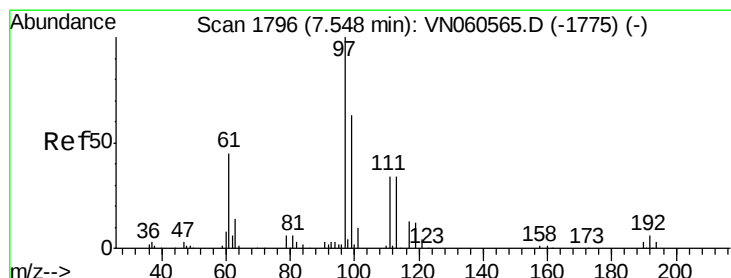
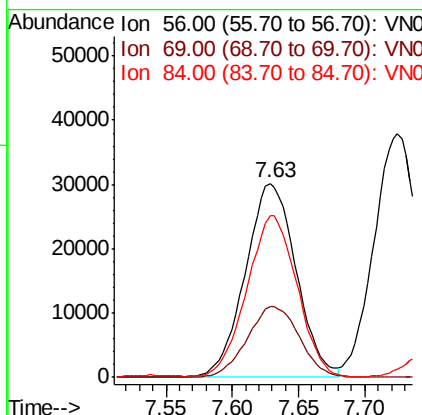
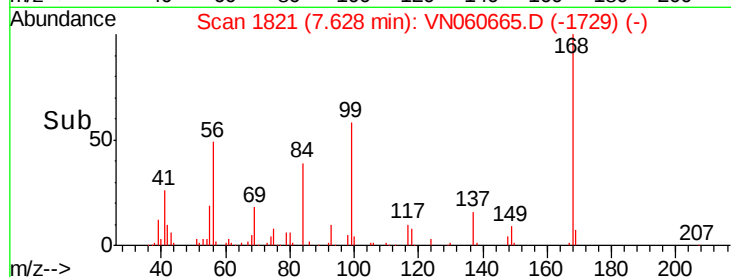
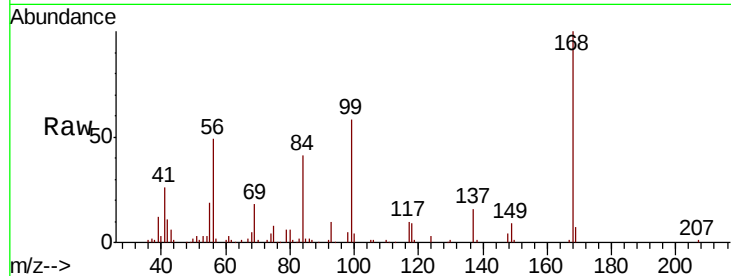
#31
Cyclohexane
Concen: 19.012 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VN060665.D
Acq: 24 Mar 2020 12:34

Instrument :
MSVOA_N
ClientSampleID :
VN0324WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.5	26.6	40.0
84	83.0	64.3	96.5

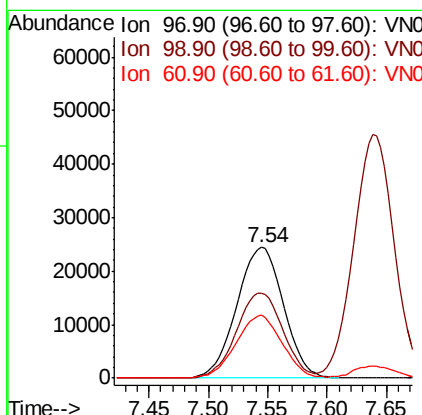
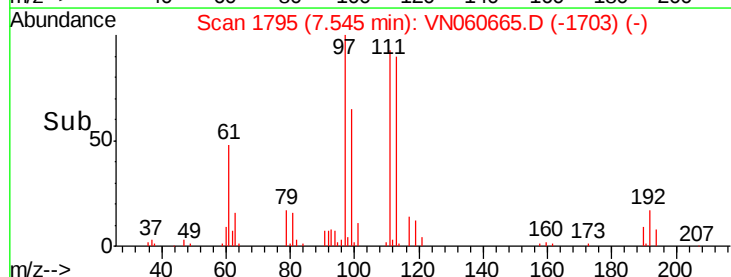
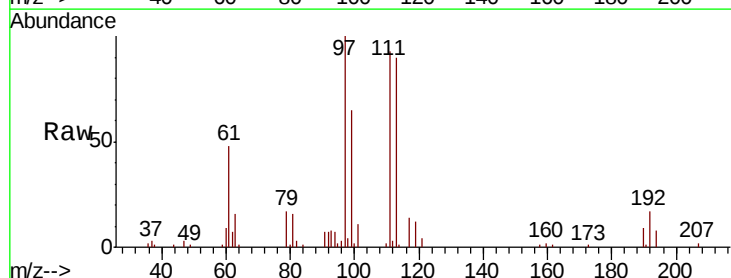
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#32
1,1,1-Trichloroethane
Concen: 19.138 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN060665.D
Acq: 24 Mar 2020 12:34

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	50.6	75.8
61	47.3	36.2	54.4





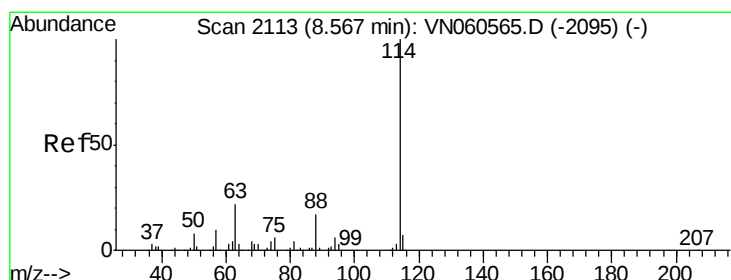
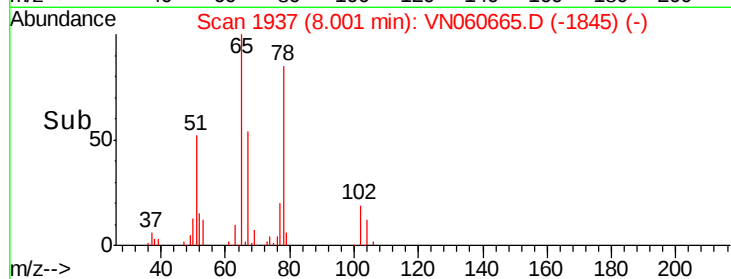
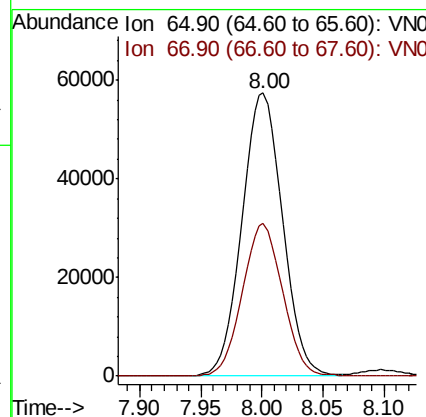
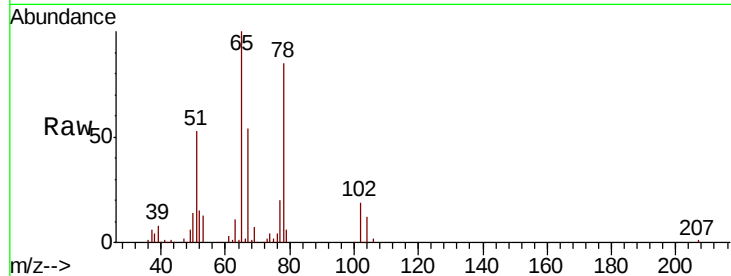
#33
 1,2-Dichloroethane-d4
 Concen: 50.188 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060665.D
 Acq: 24 Mar 2020 12:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	132174		
67	53.4	0.0	107.6	

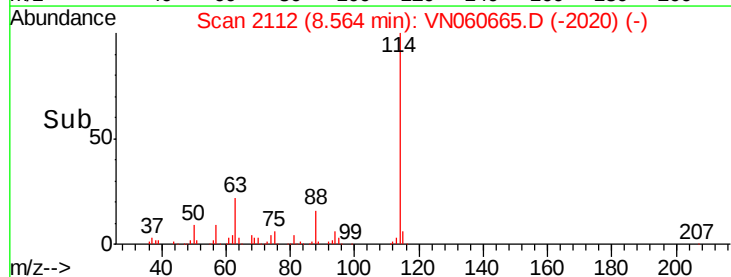
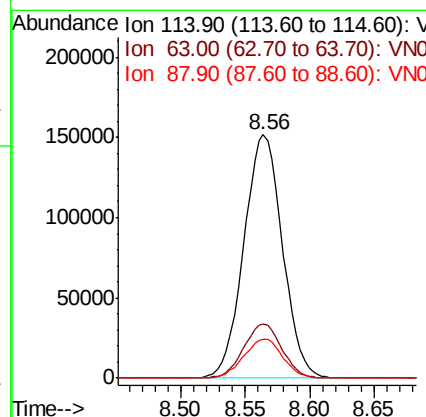
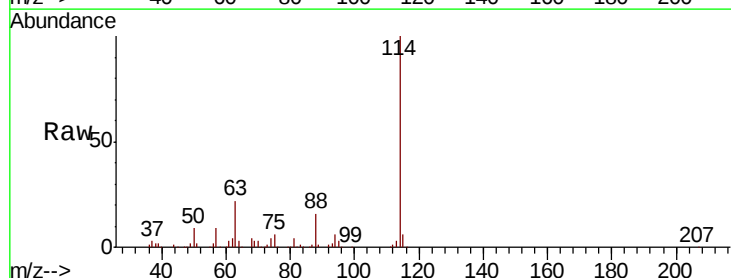
Manual Integrations
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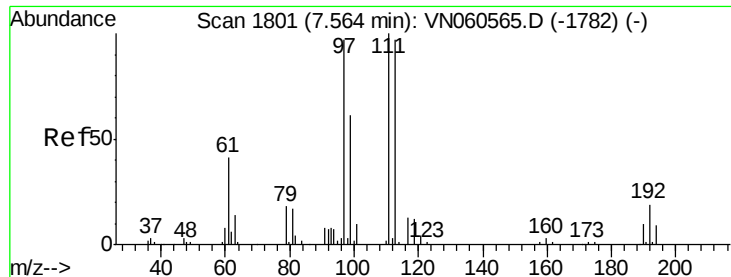
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060665.D
 Acq: 24 Mar 2020 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	315557		
63	22.2	0.0	43.8	
88	16.0	0.0	33.0	





#35

Dibromofluoromethane

Concen: 50.037 ug/l

RT: 7.56 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN060665.D

Acq: 24 Mar 2020 12:34

Instrument :

MSVOA_N

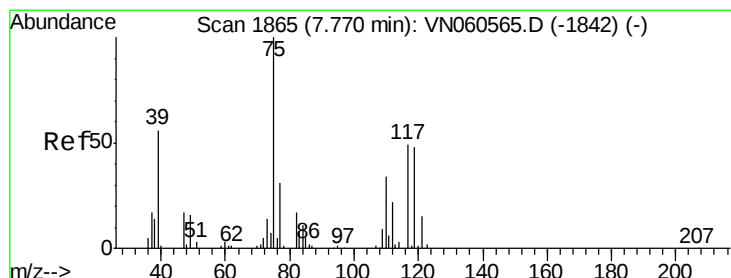
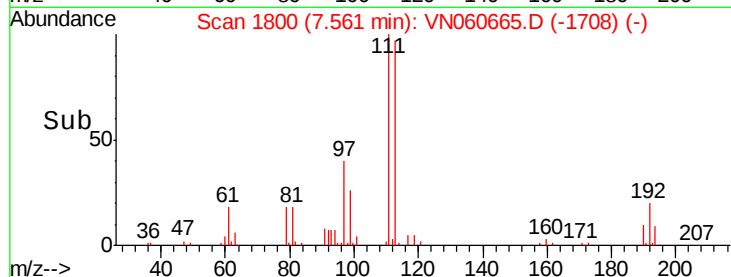
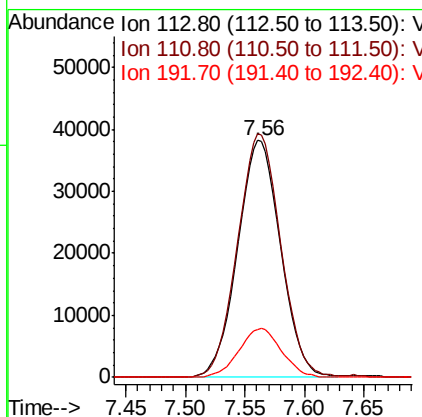
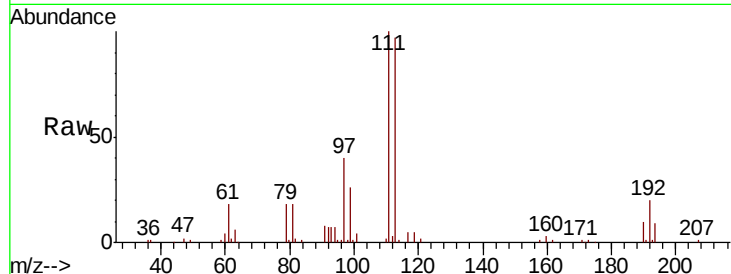
ClientSampleId :

VN0324WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.9	124.3
192	20.3	15.8	23.8

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#36

1,1-Dichloropropene

Concen: 20.189 ug/l

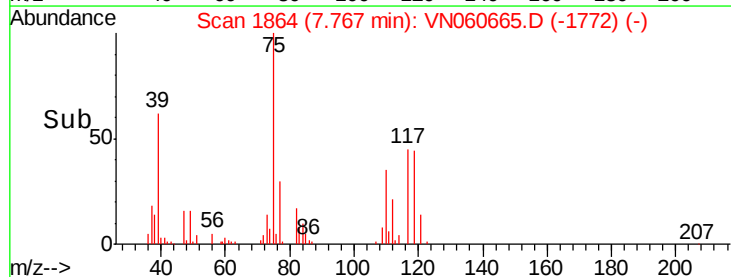
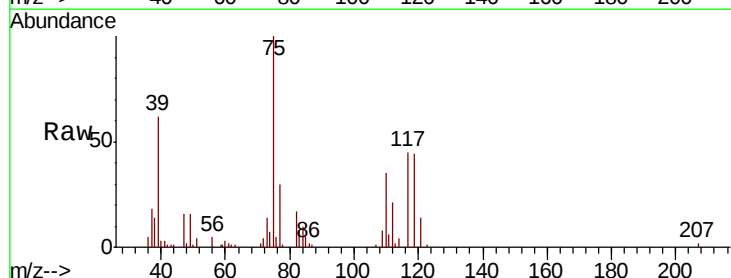
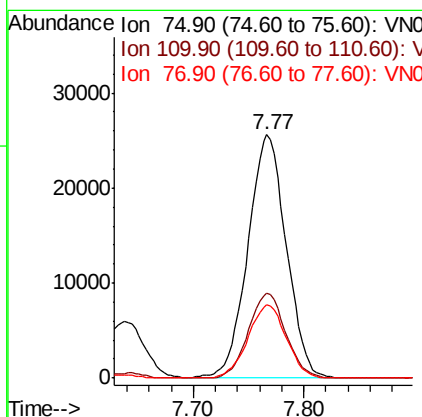
RT: 7.77 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VN060665.D

Acq: 24 Mar 2020 12:34

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.8	16.9	50.6
77	30.0	24.6	36.8





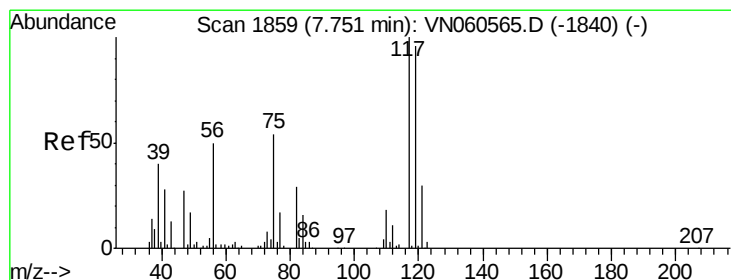
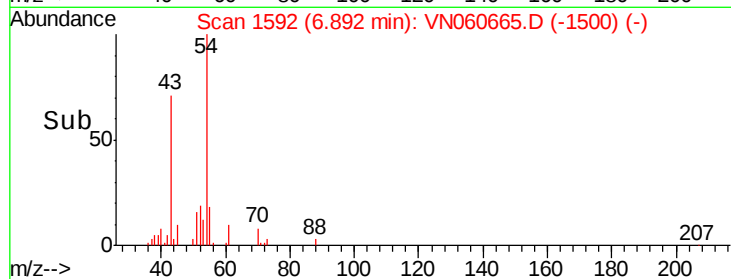
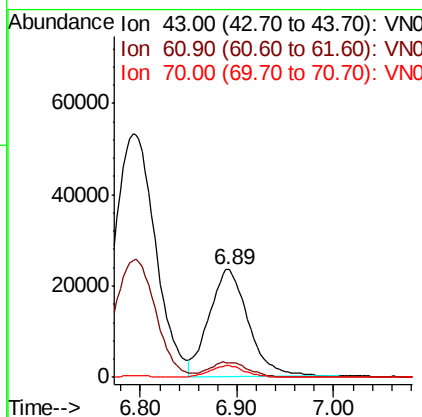
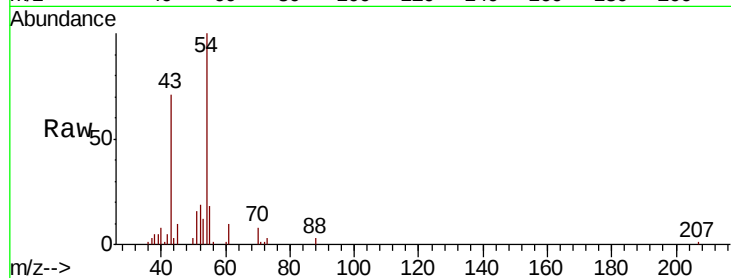
#37
Ethyl Acetate
Concen: 20.123 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN060665.D
Acq: 24 Mar 2020 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.6	15.8
70	10.0	7.9	11.9

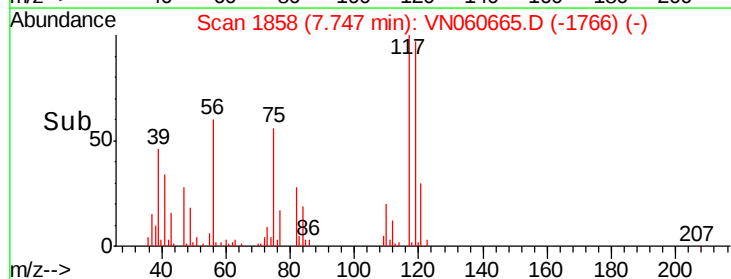
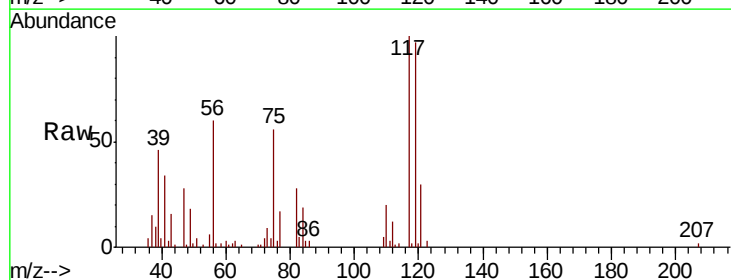
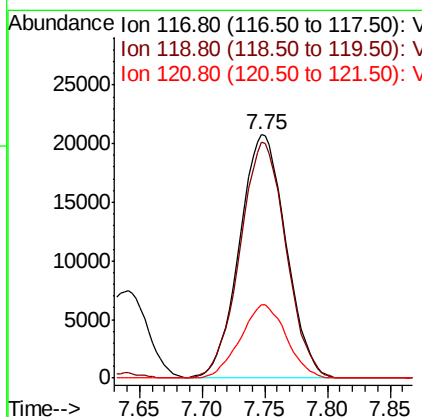
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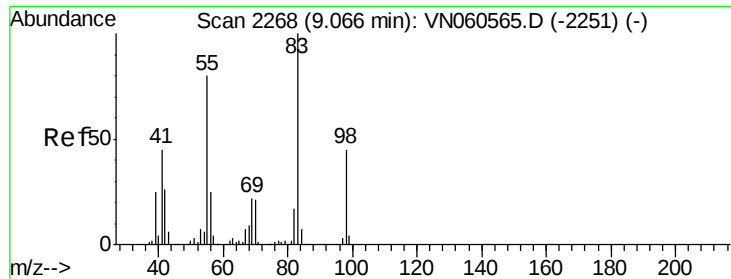
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#38
Carbon Tetrachloride
Concen: 19.501 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VN060665.D
Acq: 24 Mar 2020 12:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	76.2	114.2
121	30.2	23.7	35.5





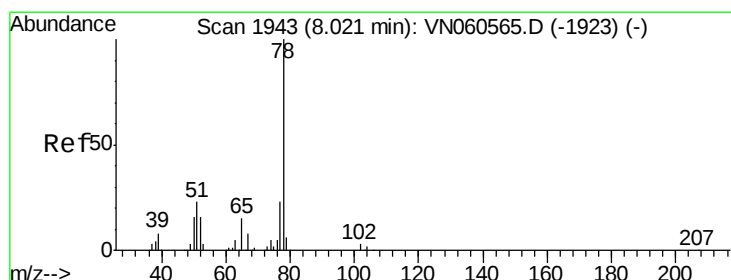
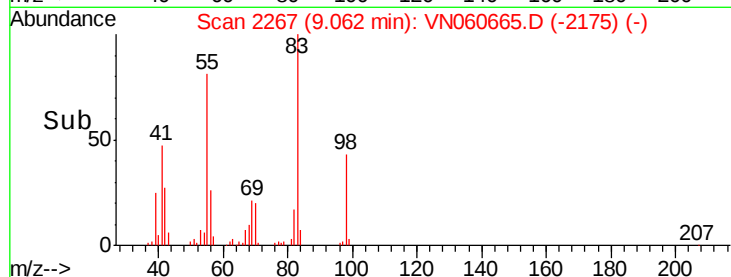
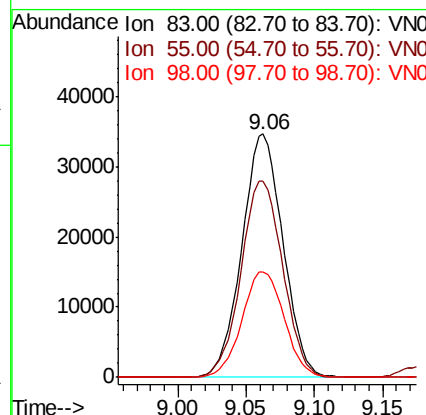
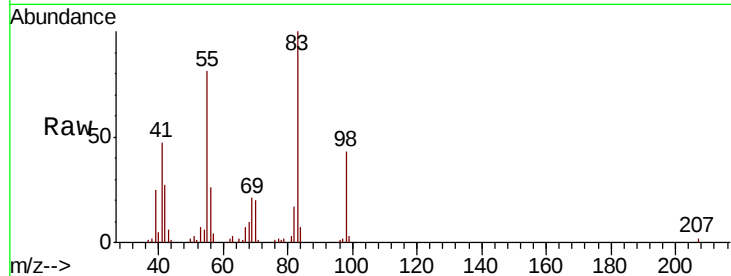
#39
Methvlcvclohexane
Concen: 19.978 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060665.D
Acq: 24 Mar 2020 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.9	63.6	95.4
98	43.4	36.0	54.0

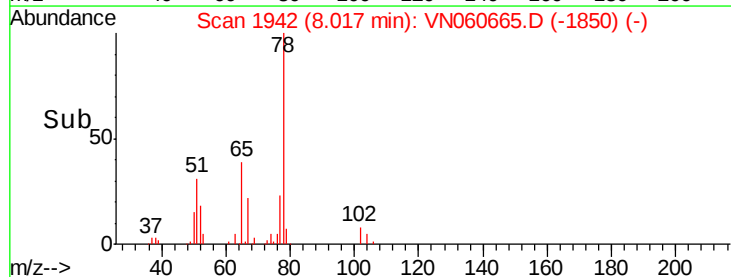
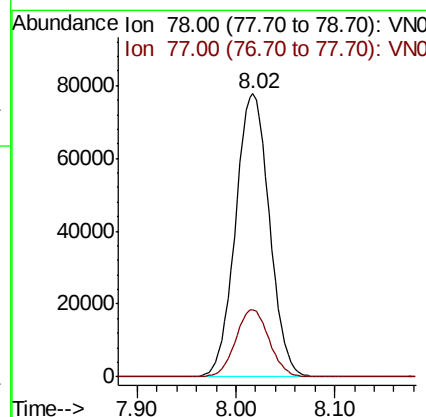
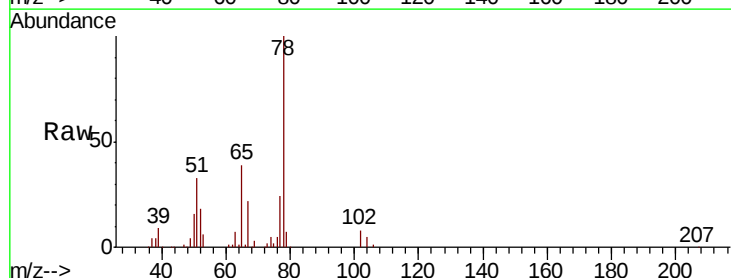
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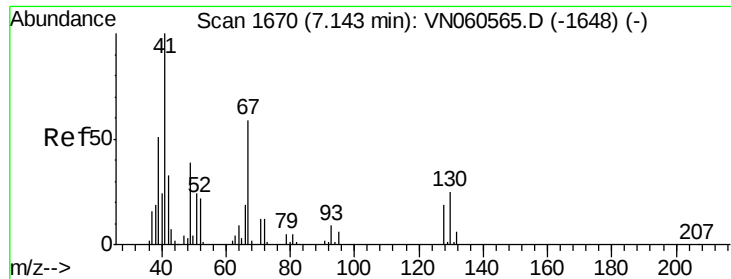
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#40
Benzene
Concen: 20.167 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060665.D
Acq: 24 Mar 2020 12:34

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.6	28.0





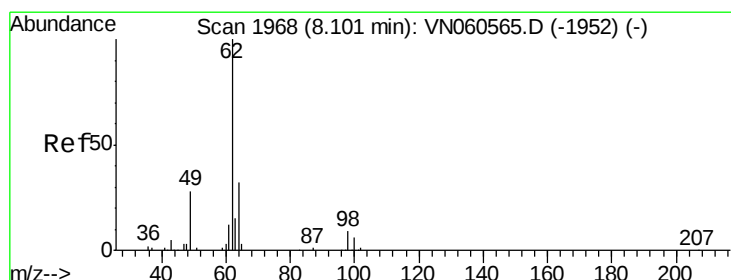
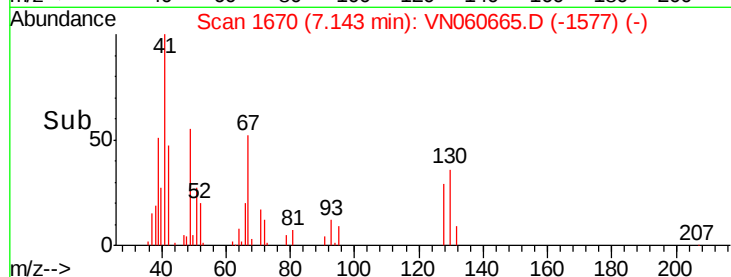
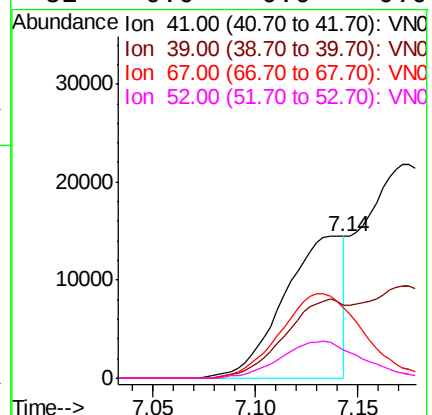
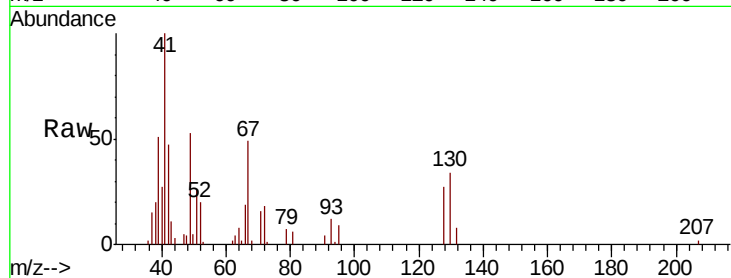
#41
Methacrylonitrile
Concen: 20.806 ug/l m
RT: 7.14 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VN060665.D
Acq: 24 Mar 2020 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

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

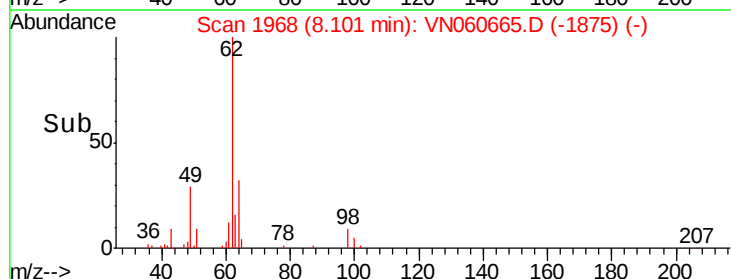
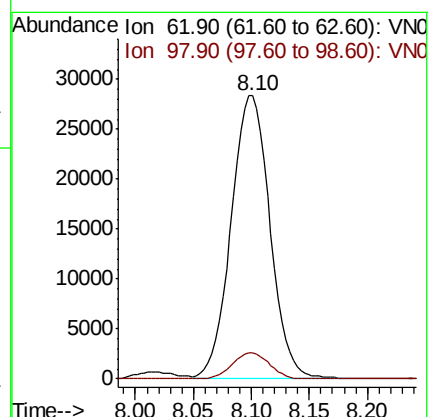
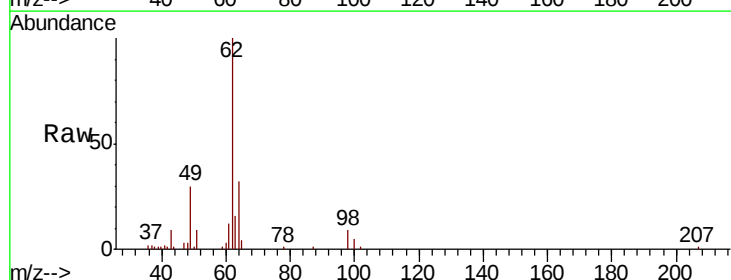
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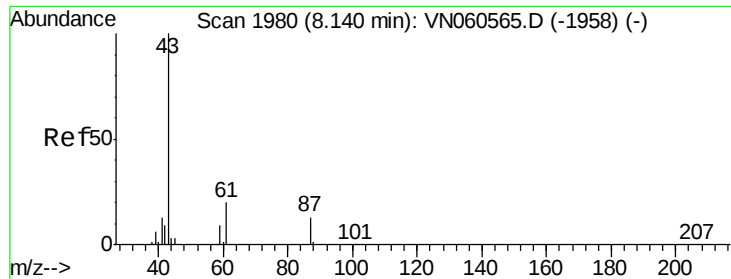
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#42
1,2-Dichloroethane
Concen: 20.993 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN060665.D
Acq: 24 Mar 2020 12:34

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.8





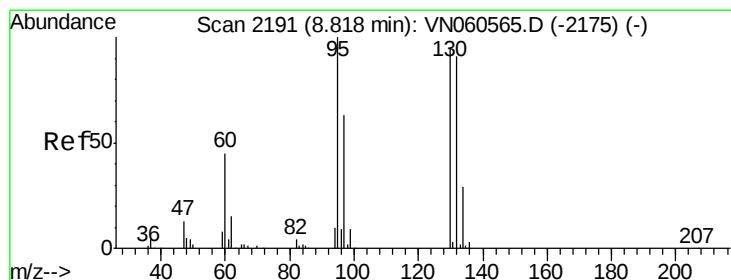
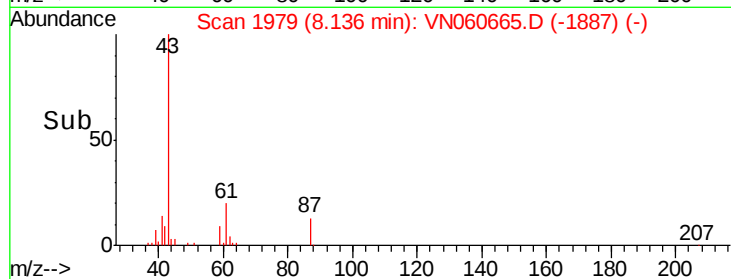
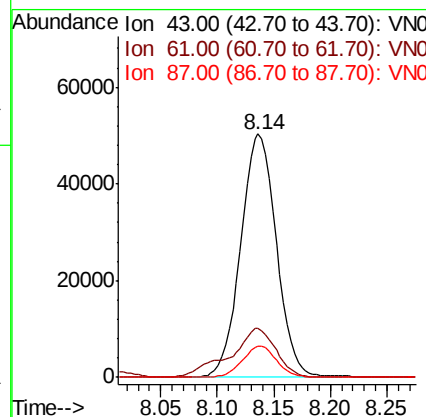
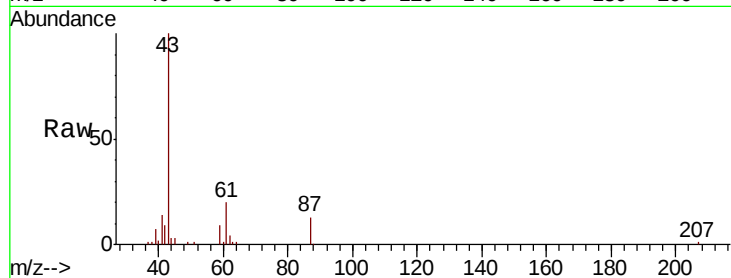
#43
Isopropyl Acetate
Concen: 20.332 ug/l
RT: 8.14 min Scan# 1979
Delta R.T. -0.00 min
Lab File: VN060665.D
Acq: 24 Mar 2020 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	25.8	20.7	31.1
87	12.3	9.8	14.8

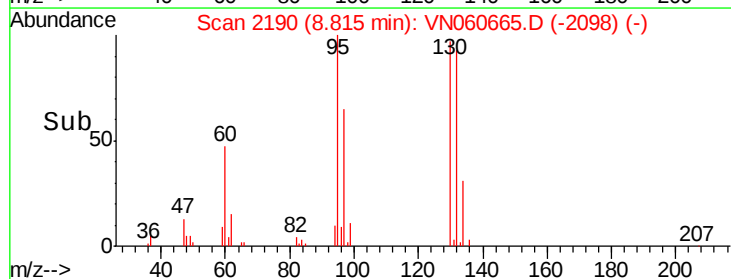
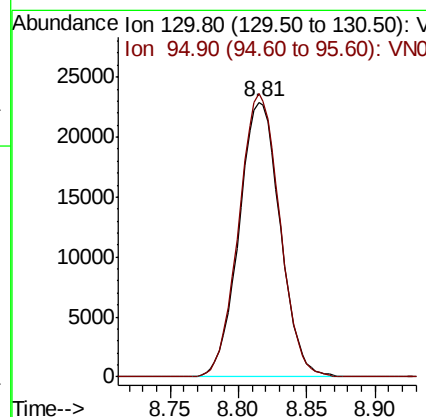
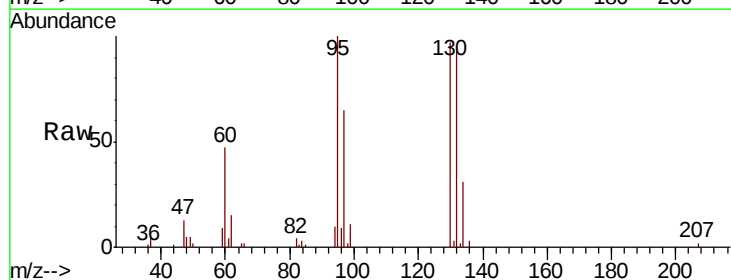
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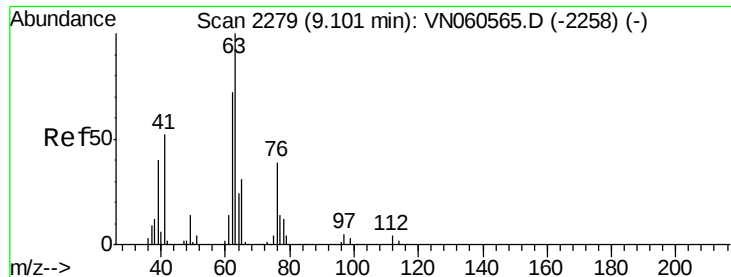
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#44
Trichloroethene
Concen: 20.599 ug/l
RT: 8.81 min Scan# 2190
Delta R.T. -0.00 min
Lab File: VN060665.D
Acq: 24 Mar 2020 12:34

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.0	0.0	211.2





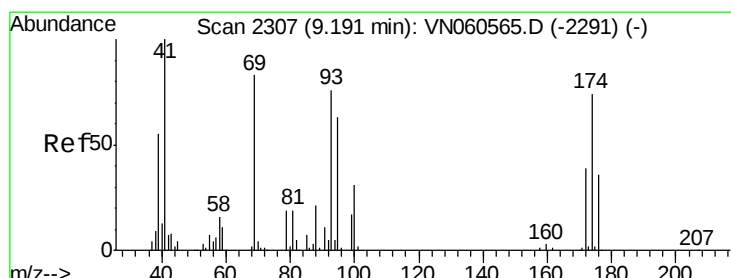
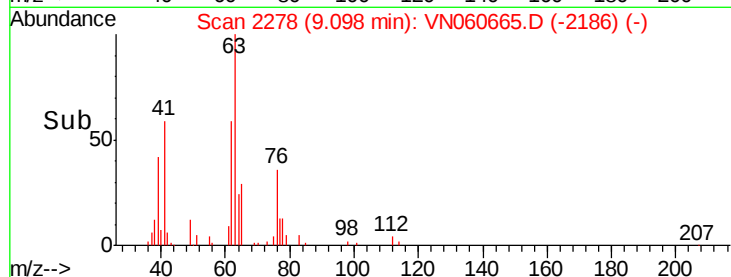
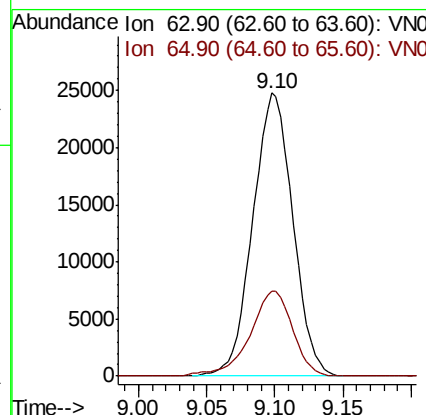
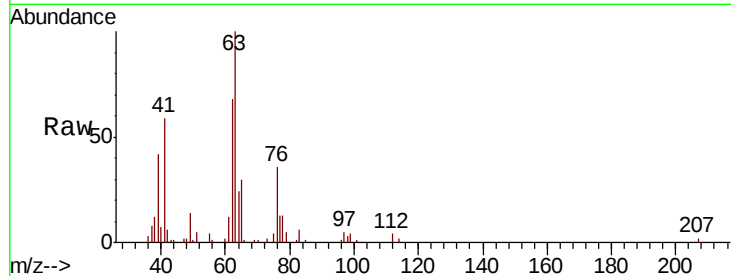
#45
 1,2-Dichloropropane
 Concen: 20.762 ug/l
 RT: 9.10 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: VN060665.D
 Acq: 24 Mar 2020 12:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324WBSD01

Tot Ion: 63 Resp: 50532
 Ion Ratio Lower Upper
 63 100
 65 30.1 25.4 38.0

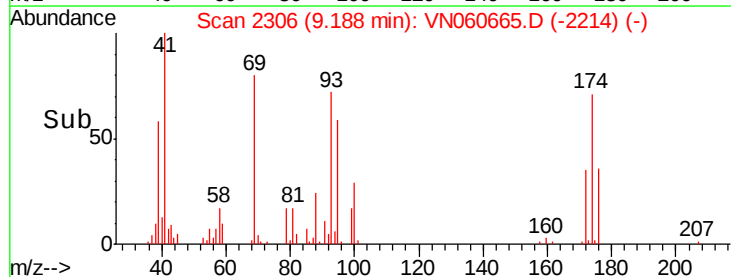
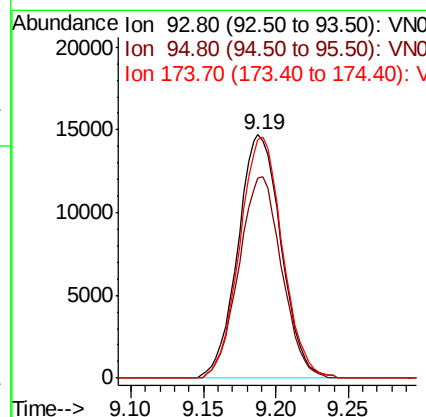
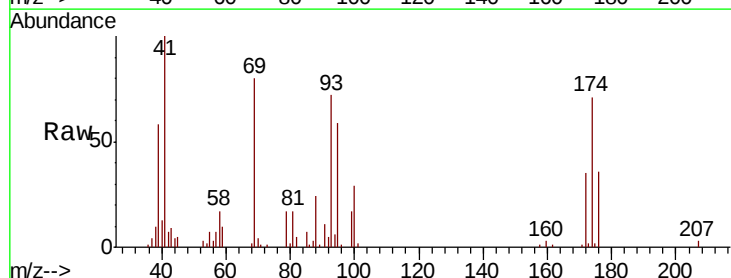
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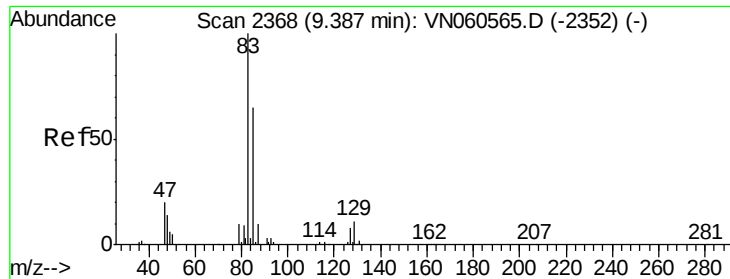
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#46
 Dibromomethane
 Concen: 20.714 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN060665.D
 Acq: 24 Mar 2020 12:34

Tgt Ion: 93 Resp: 30480
 Ion Ratio Lower Upper
 93 100
 95 81.8 66.2 99.4
 174 98.1 77.9 116.9





#47

Bromodichloromethane

Concen: 20.157 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060665.D

Acq: 24 Mar 2020 12:34

Instrument :

MSVOA_N

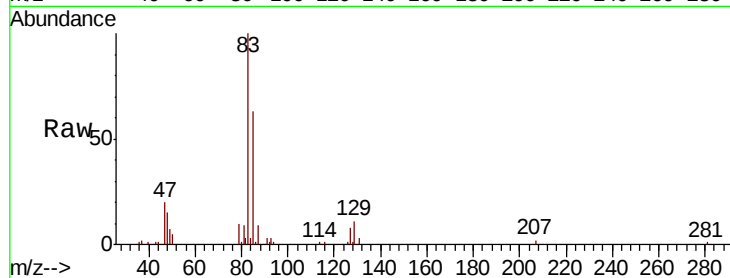
ClientSampleId :

VN0324WBSD01

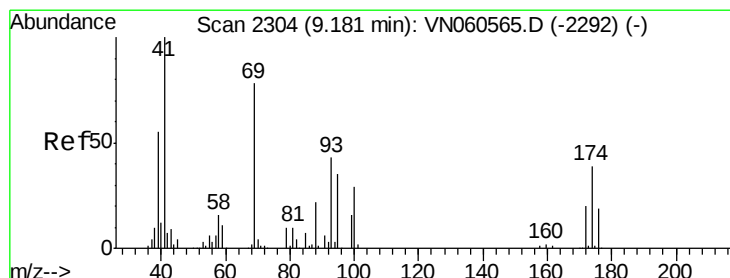
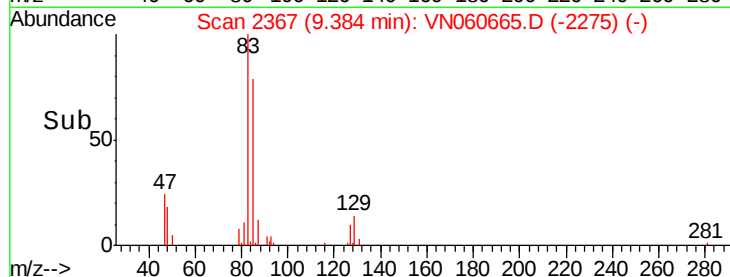
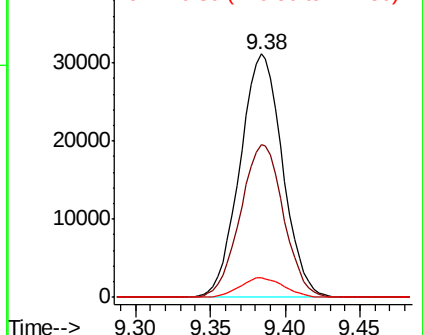
Tot Ion:	83	Resp:	61635
Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.8	77.6
127	8.1	6.5	9.7

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Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.757 ug/l

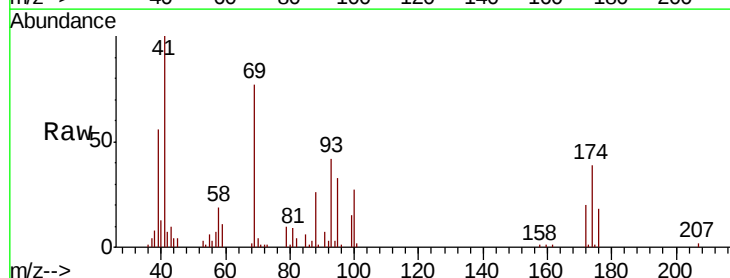
RT: 9.18 min Scan# 2303

Delta R.T. -0.00 min

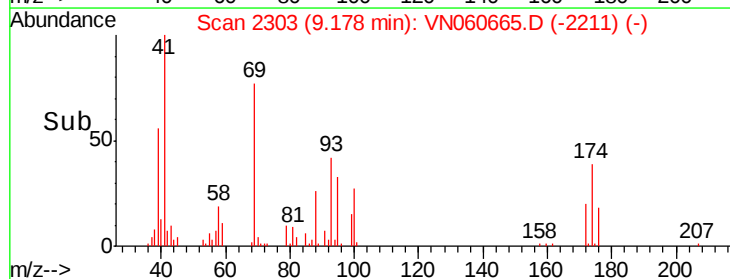
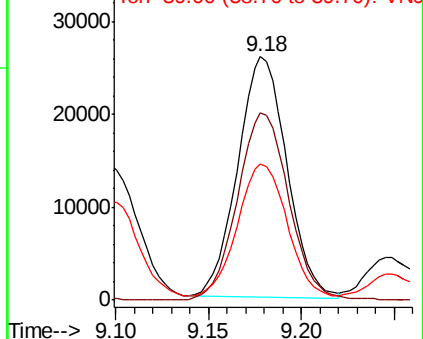
Lab File: VN060665.D

Acq: 24 Mar 2020 12:34

Tgt Ion:	41	Resp:	47896
Ion	Ratio	Lower	Upper
41	100		
69	81.3	65.4	98.0
39	56.2	44.0	66.0



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





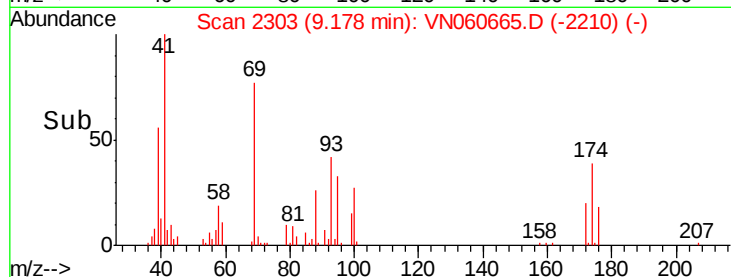
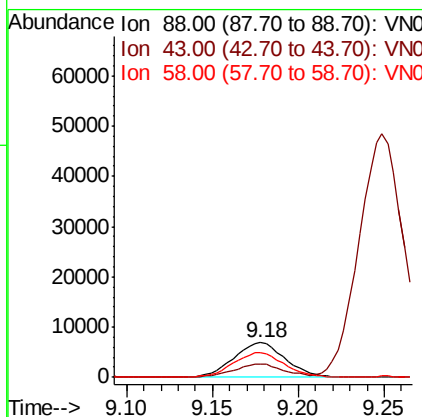
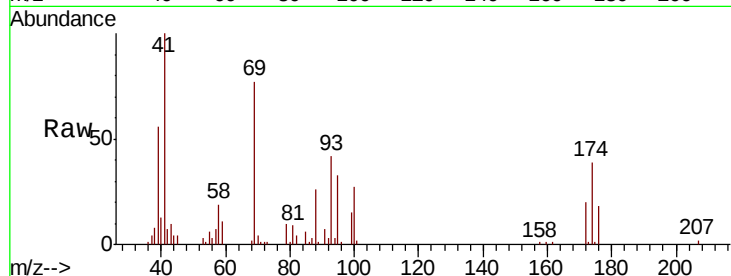
#49
1,4-Dioxane
Concen: 494.704 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VN060665.D
Acq: 24 Mar 2020 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

Tot Ion	88	Resp	14255
Ion	Ratio	Lower	Upper
88	100		
43	37.7	30.8	46.2
58	70.9	59.8	89.8

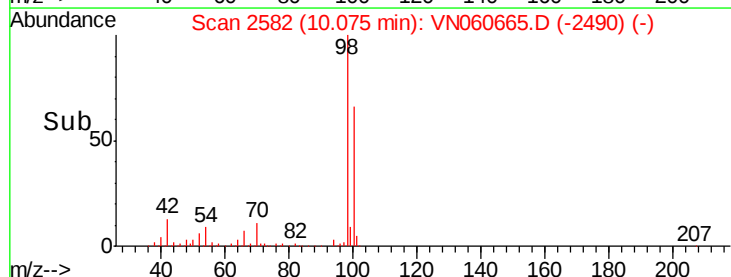
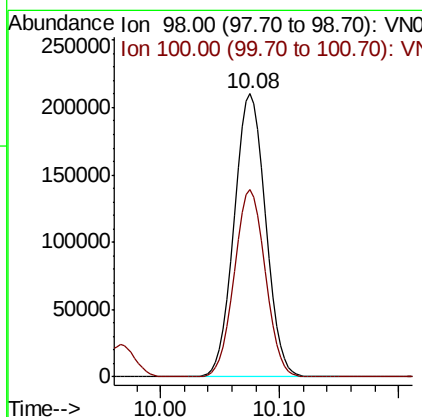
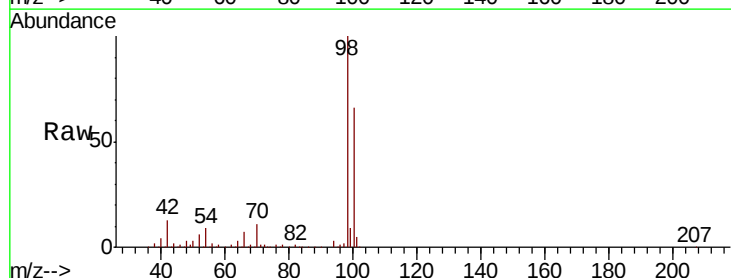
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#50
Toluene-d8
Concen: 49.474 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060665.D
Acq: 24 Mar 2020 12:34

Tgt Ion	98	Resp	385586
Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.8	77.8





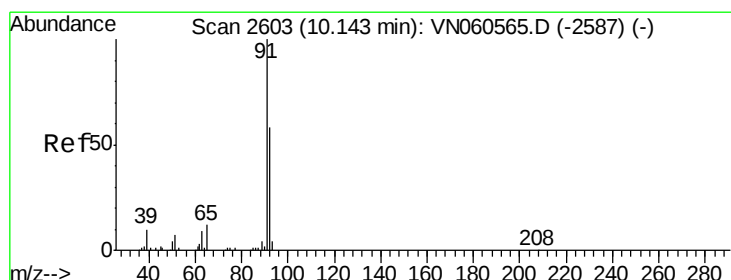
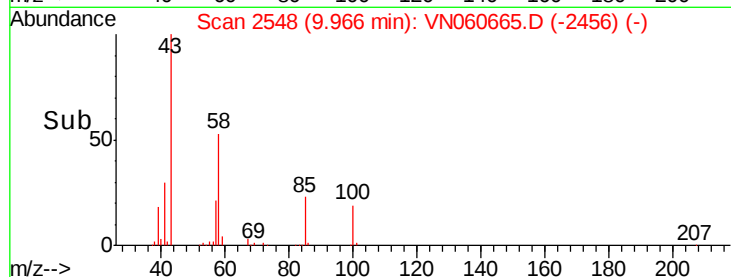
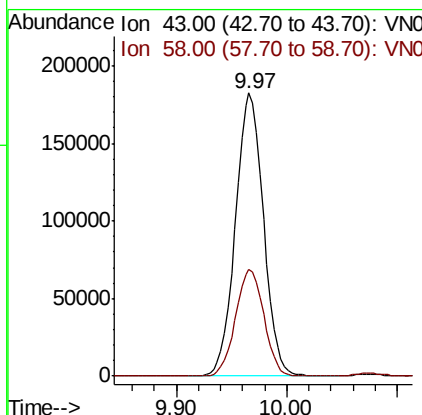
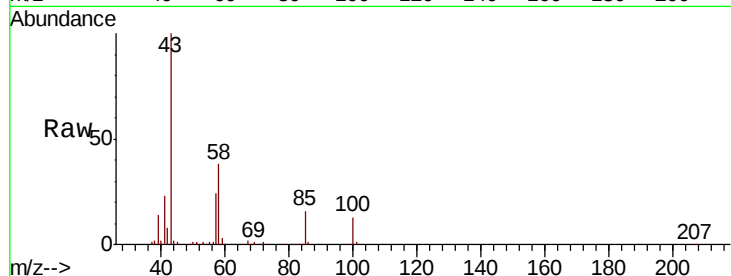
#51
4-Methyl-2-Pentanone
Concen: 103.479 ug/l
RT: 9.97 min Scan# 2548
Delta R.T. -0.00 min
Lab File: VN060665.D
Acq: 24 Mar 2020 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.3	30.8	46.2

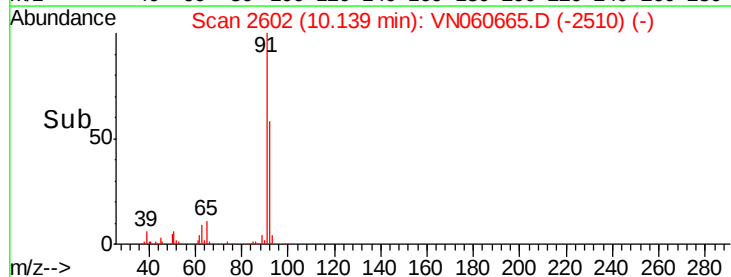
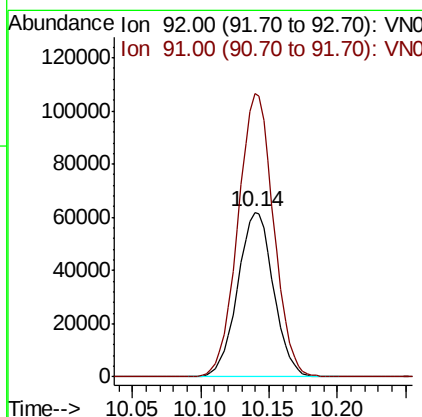
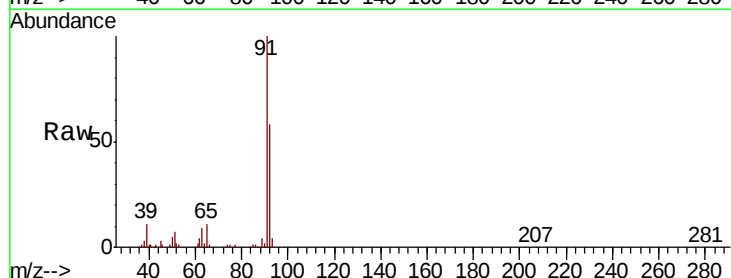
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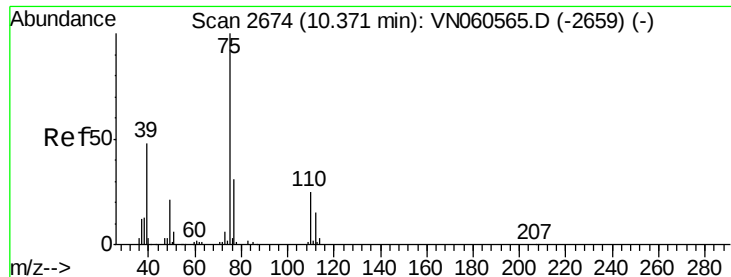
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#52
Toluene
Concen: 20.234 ug/l
RT: 10.14 min Scan# 2602
Delta R.T. -0.00 min
Lab File: VN060665.D
Acq: 24 Mar 2020 12:34

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.3	137.6	206.4





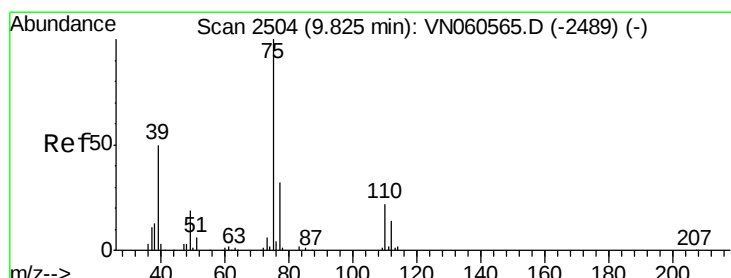
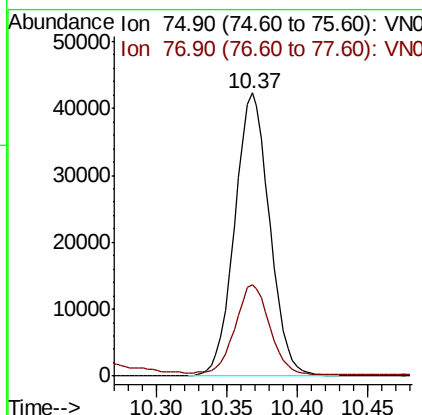
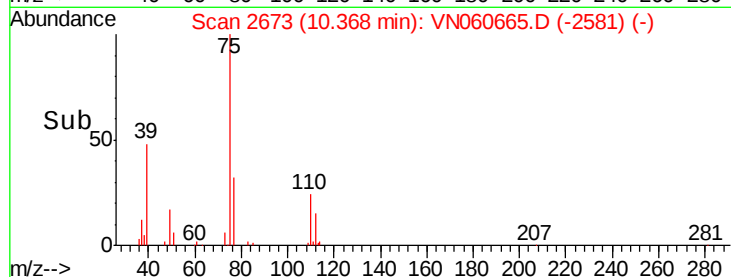
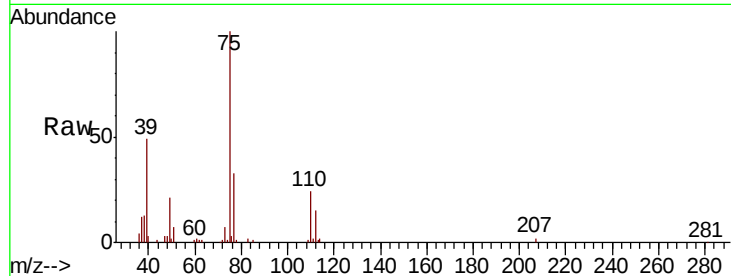
#53
 t-1,3-Dichloropropene
 Concen: 20.874 ug/l
 RT: 10.37 min Scan# 2673
 Delta R.T. -0.00 min
 Lab File: VN060665.D
 Acq: 24 Mar 2020 12:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324WBSD01

Tot Ion: 75 Resp: 73317
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.1 37.7

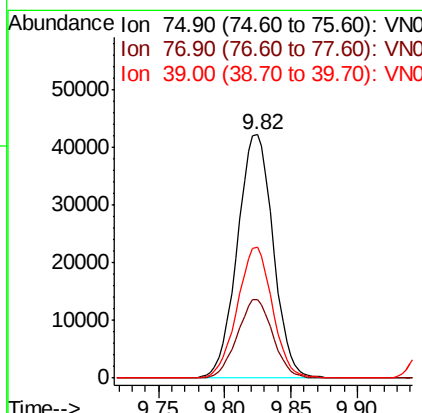
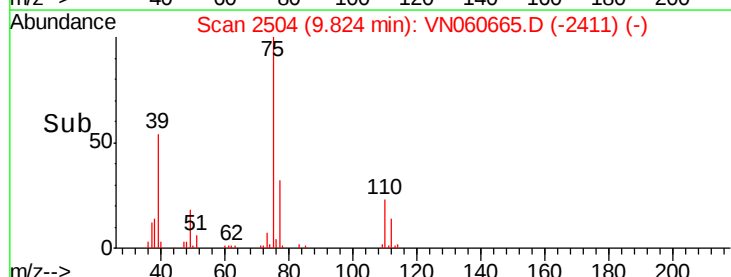
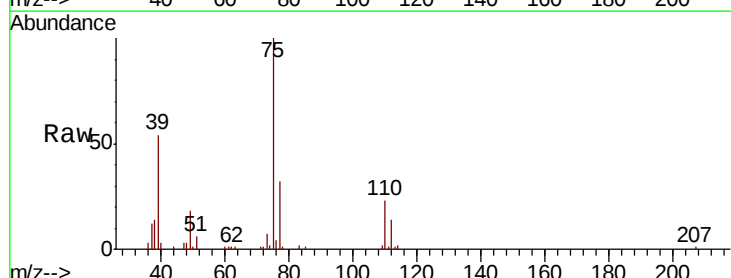
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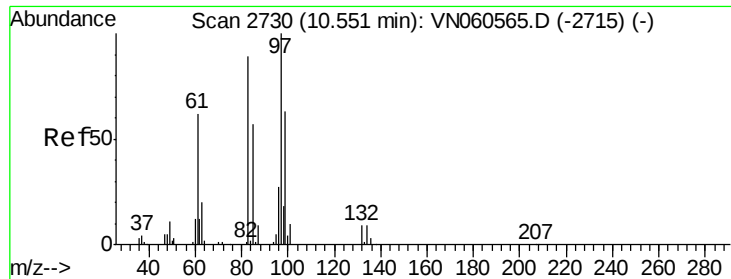
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#54
 cis-1,3-Dichloropropene
 Concen: 20.568 ug/l
 RT: 9.82 min Scan# 2504
 Delta R.T. -0.00 min
 Lab File: VN060665.D
 Acq: 24 Mar 2020 12:34

Tgt Ion: 75 Resp: 79251
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.4 38.0
 39 53.8 40.2 60.4





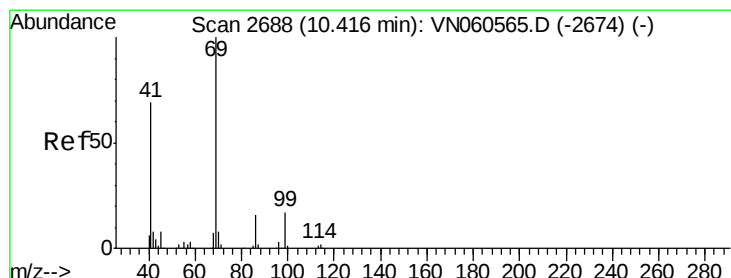
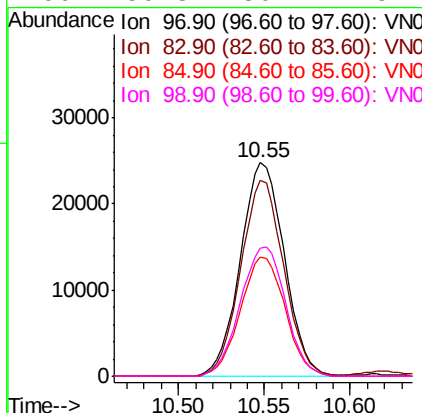
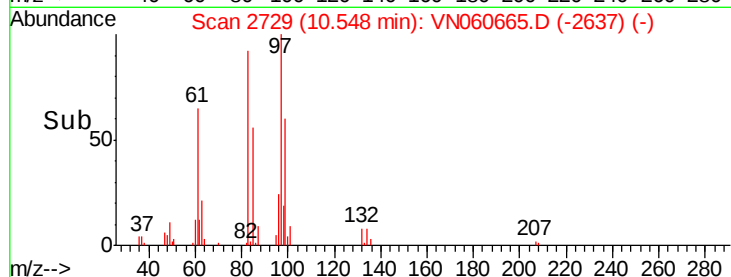
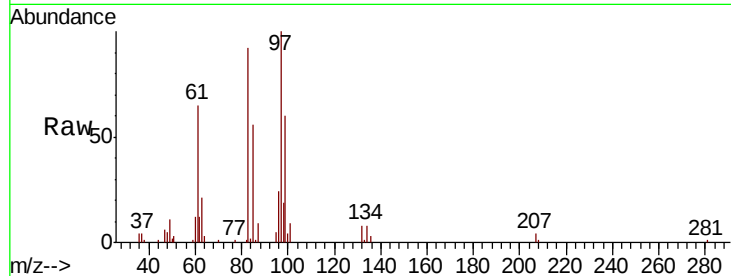
#55
 1,1,2-Trichloroethane
 Concen: 20.509 ug/l
 RT: 10.55 min Scan# 2729
 Delta R.T. -0.00 min
 Lab File: VN060665.D
 Acq: 24 Mar 2020 12:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324WBSD01

Tot Ion:	97	Resp:	43953
Ion	Ratio	Lower	Upper
97	100		
83	91.7	71.3	106.9
85	56.0	45.2	67.8
99	59.8	50.1	75.1

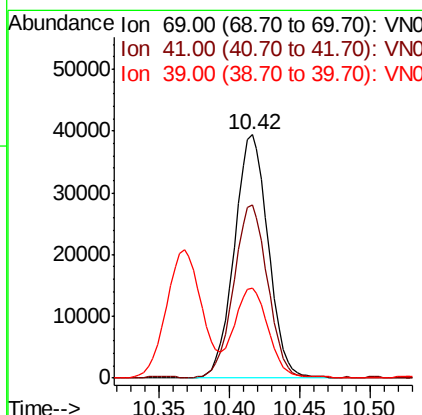
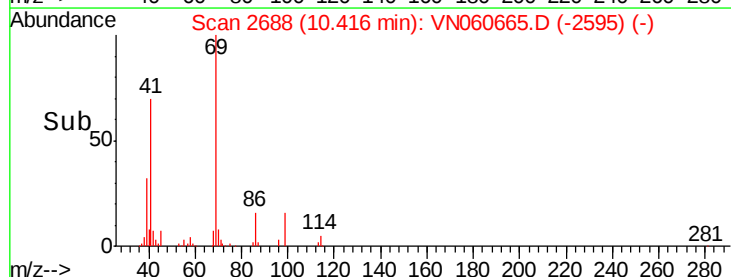
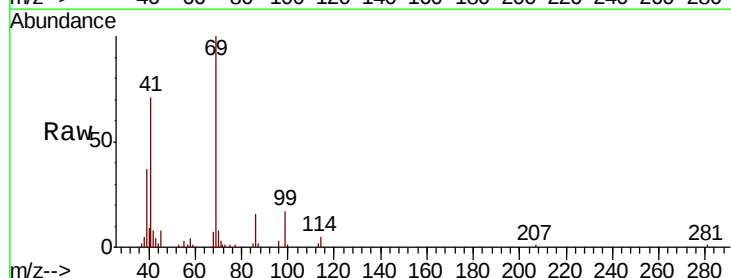
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#56
 Ethyl methacrylate
 Concen: 19.860 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN060665.D
 Acq: 24 Mar 2020 12:34

Tgt Ion:	69	Resp:	66365
Ion	Ratio	Lower	Upper
69	100		
41	71.8	55.4	83.2
39	36.3	29.4	44.0





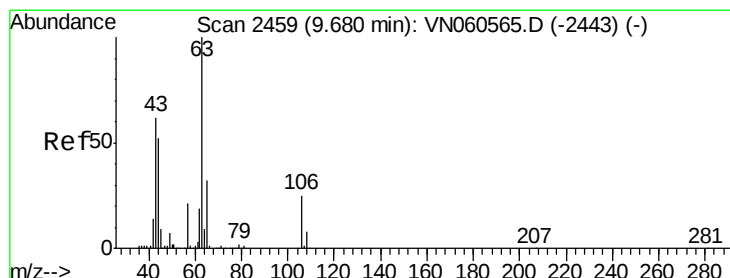
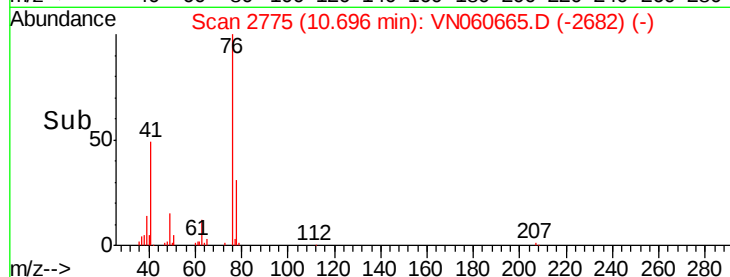
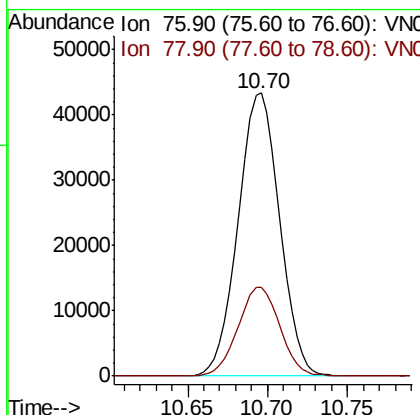
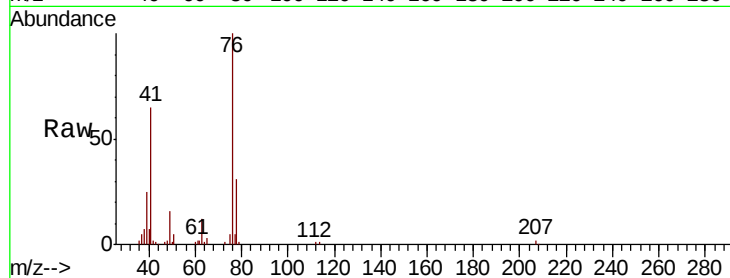
#57
 1,3-Dichloropropane
 Concen: 20.600 ug/l
 RT: 10.70 min Scan# 2775
 Delta R.T. -0.00 min
 Lab File: VN060665.D
 Acq: 24 Mar 2020 12:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.7	25.8	38.6

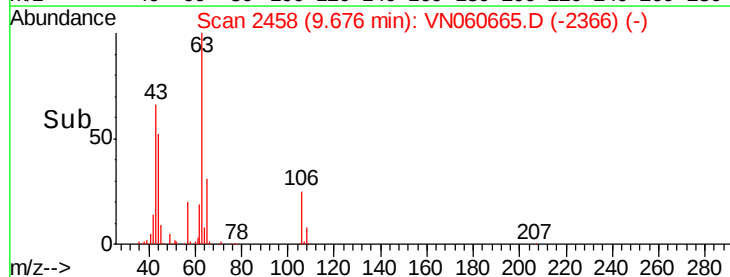
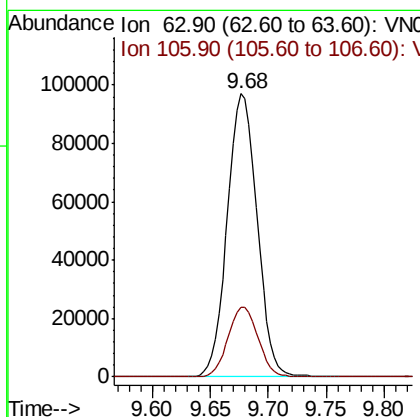
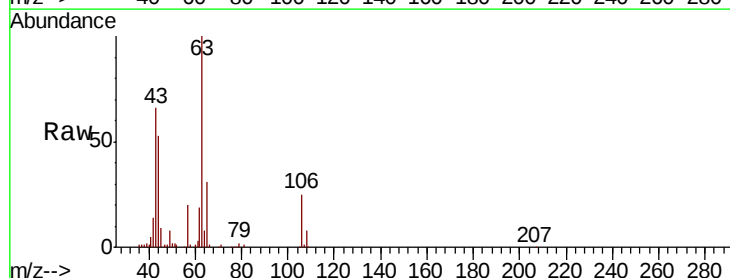
Manual Integrations
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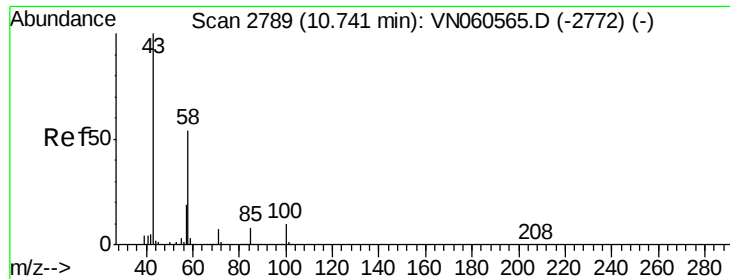
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#58
 2-Chloroethyl Vinyl ether
 Concen: 104.480 ug/l
 RT: 9.68 min Scan# 2458
 Delta R.T. -0.00 min
 Lab File: VN060665.D
 Acq: 24 Mar 2020 12:34

Tgt Ion	Ratio	Lower	Upper
63	100		
106	24.8	20.0	30.0





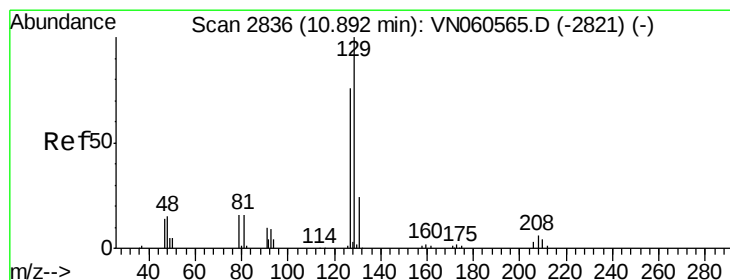
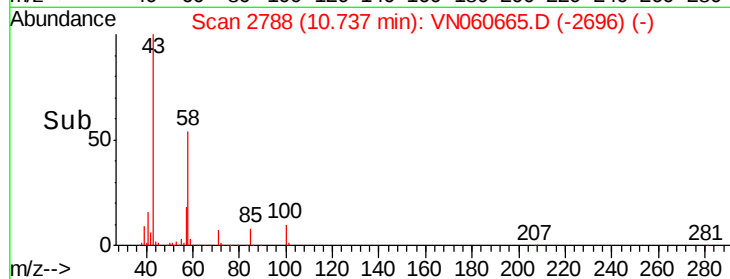
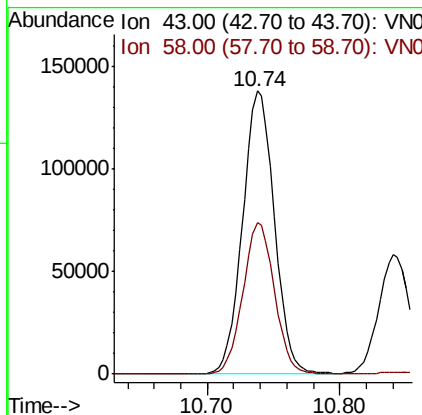
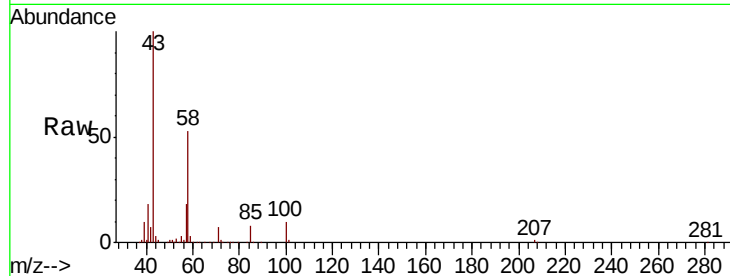
#59
2-Hexanone
Concen: 103.152 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN060665.D
Acq: 24 Mar 2020 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

Tot Ion: 43 Resp: 230231
Ion Ratio Lower Upper
43 100
58 53.0 26.7 80.1

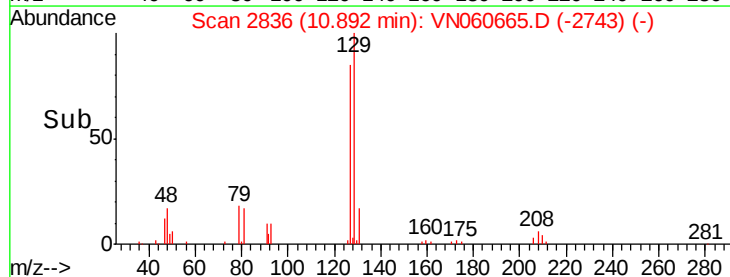
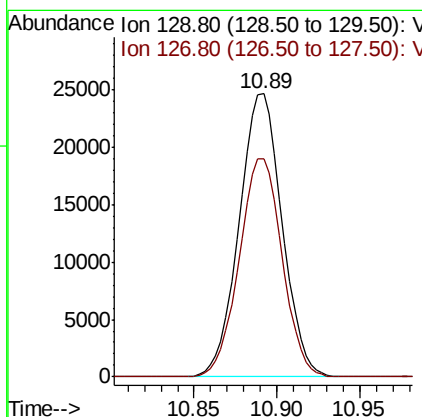
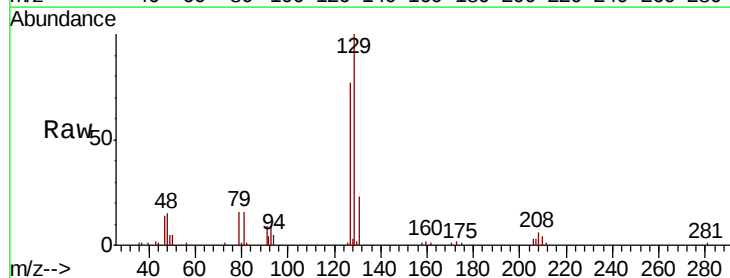
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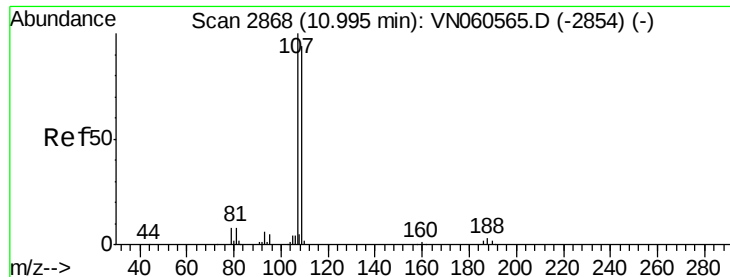
MMDadoda
3/25/2020 10:20:16 PM



#60
Dibromochloromethane
Concen: 20.047 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060665.D
Acq: 24 Mar 2020 12:34

Tgt Ion: 129 Resp: 44379
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5





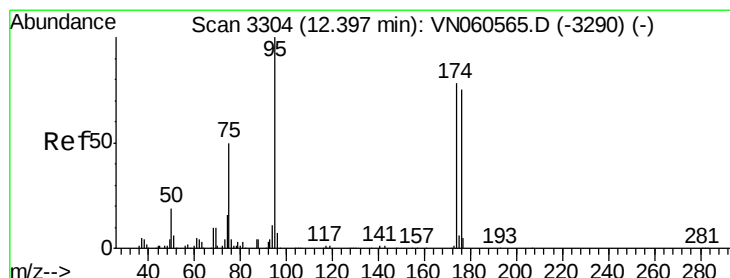
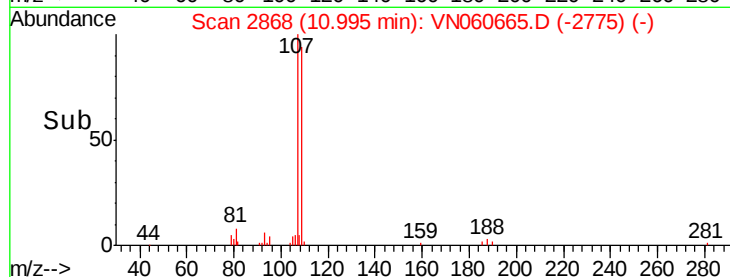
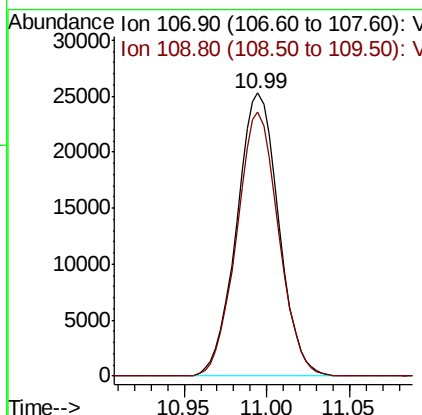
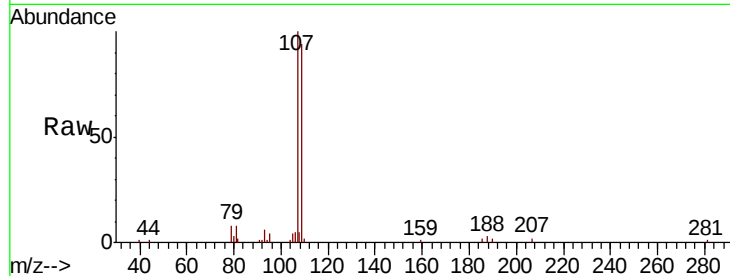
#61
1,2-Dibromoethane
Concen: 20.650 ug/l
RT: 10.99 min Scan# 2868
Delta R.T. -0.00 min
Lab File: VN060665.D
Acq: 24 Mar 2020 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.9	75.4	113.2

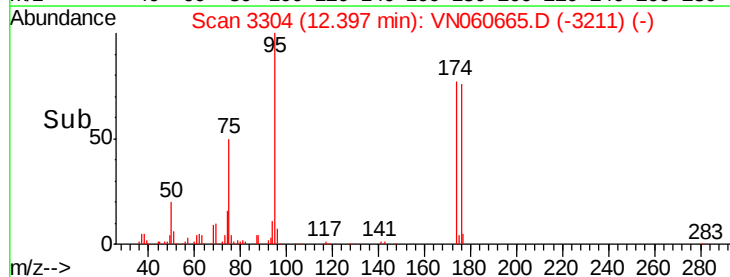
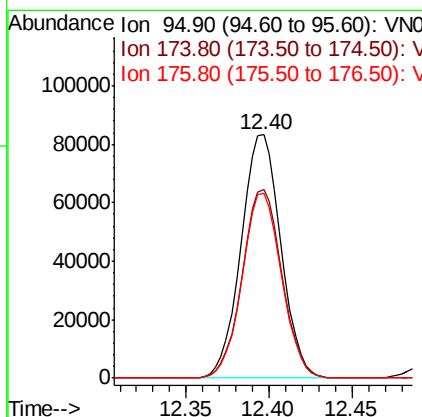
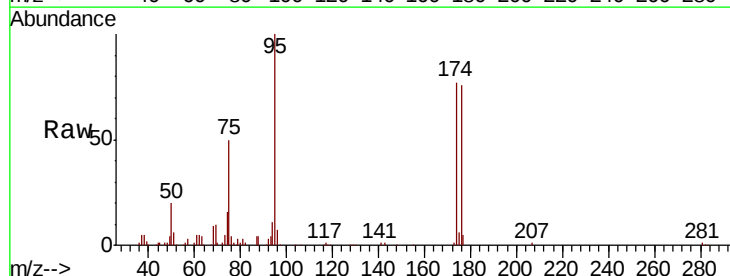
Manual Integrations
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3/25/2020 10:20:16 PM



#62
4-Bromofluorobenzene
Concen: 48.546 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060665.D
Acq: 24 Mar 2020 12:34

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.5	0.0	157.6
176	75.4	0.0	150.6





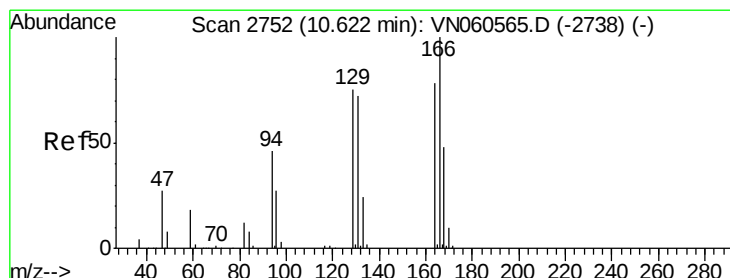
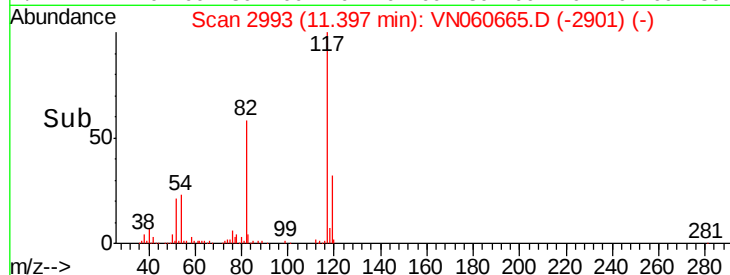
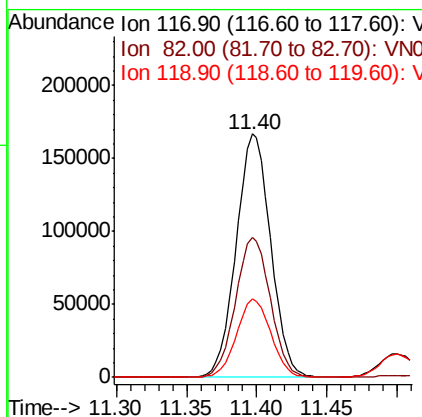
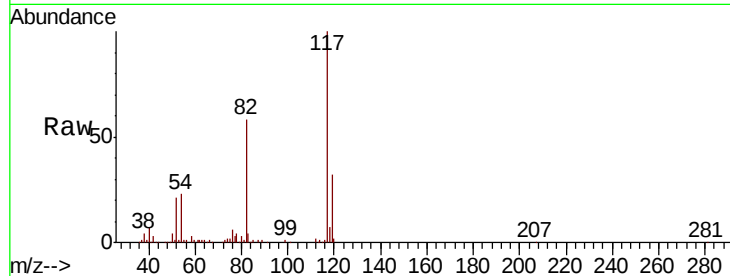
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060665.D
Acq: 24 Mar 2020 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.7	46.7	70.1
119	32.0	25.5	38.3

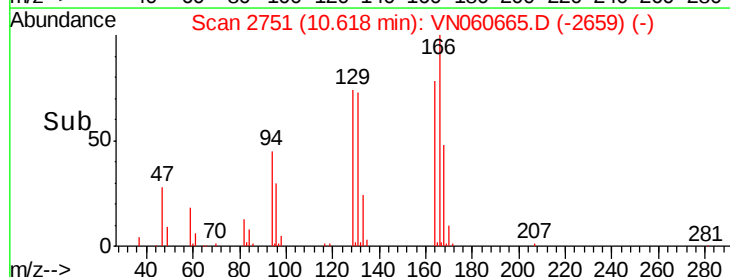
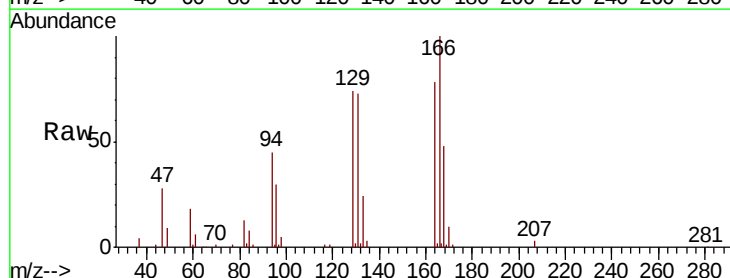
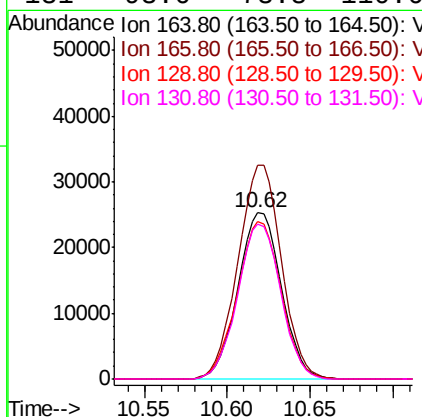
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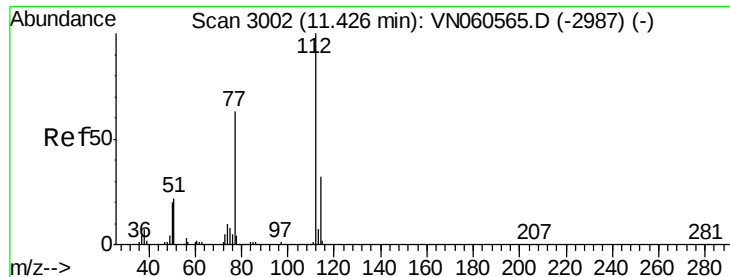
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#64
Tetrachloroethene
Concen: 20.425 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN060665.D
Acq: 24 Mar 2020 12:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.4	102.7	154.1
129	94.8	77.2	115.8
131	93.6	73.8	110.6





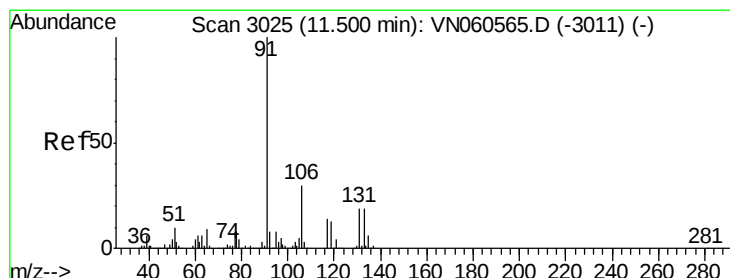
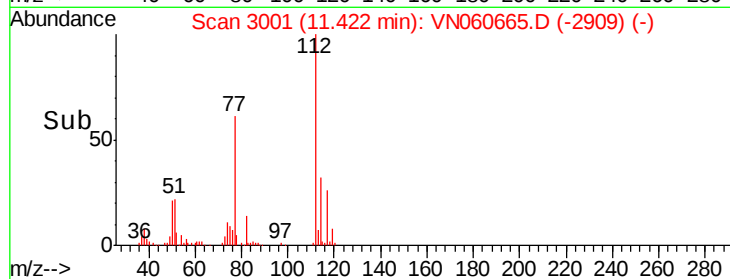
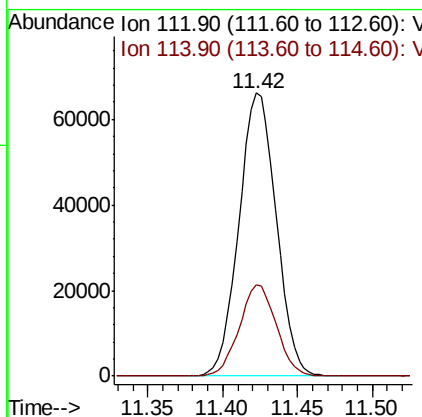
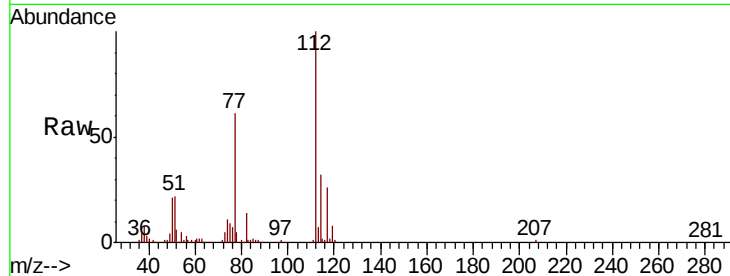
#65
Chlorobenzene
Concen: 20.221 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. -0.00 min
Lab File: VN060665.D
Acq: 24 Mar 2020 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

Tot Ion:112 Resp: 114709
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6

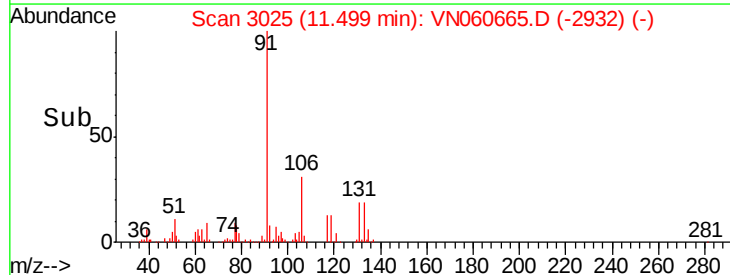
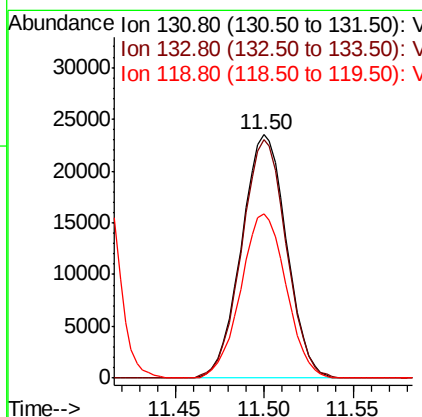
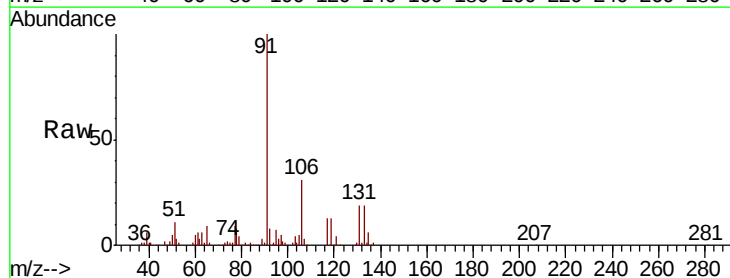
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.192 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060665.D
Acq: 24 Mar 2020 12:34

Tgt Ion:131 Resp: 41473
Ion Ratio Lower Upper
131 100
133 97.2 48.9 146.8
119 67.9 33.9 101.7





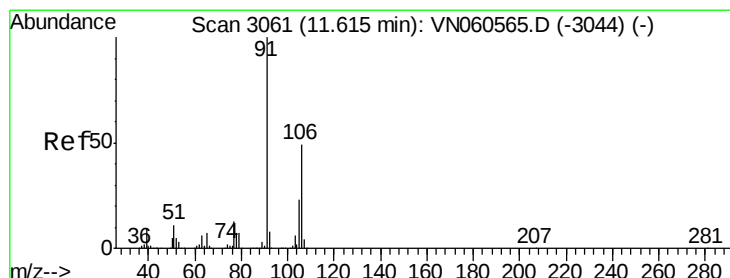
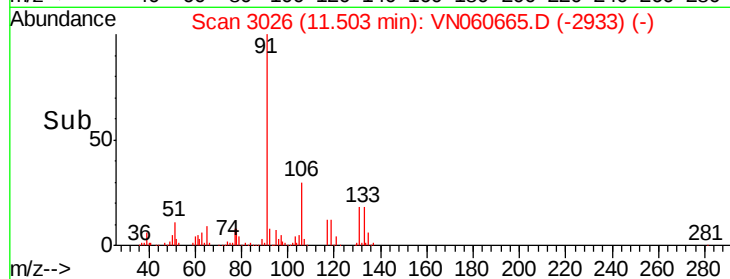
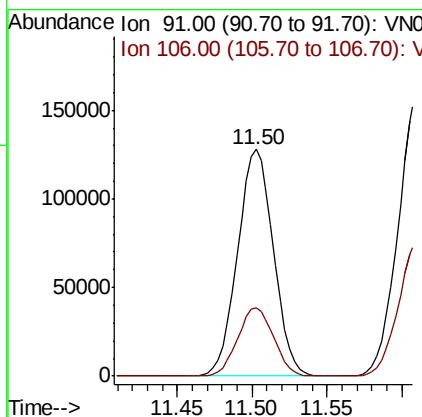
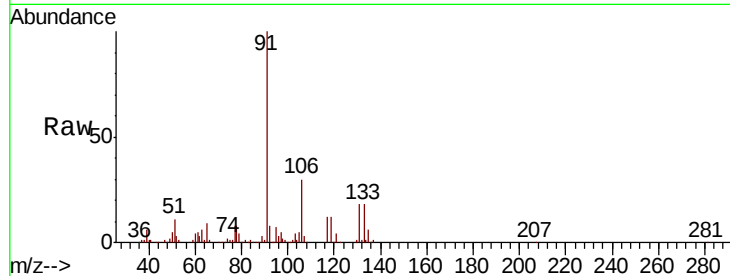
#67
Ethyl Benzene
Concen: 20.207 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN060665.D
Acq: 24 Mar 2020 12:34

Instrument :
MSVOA_N
ClientSampled :
VN0324WBSD01

Tot Ion	91	Resp	213171
Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.2	36.2

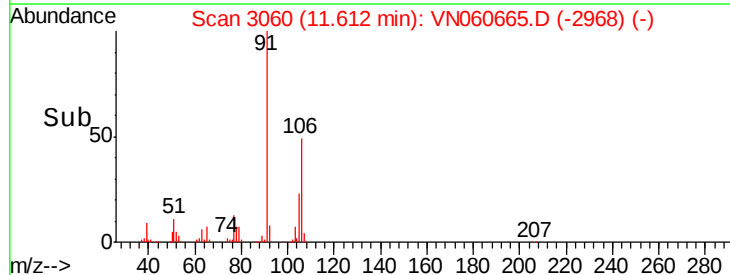
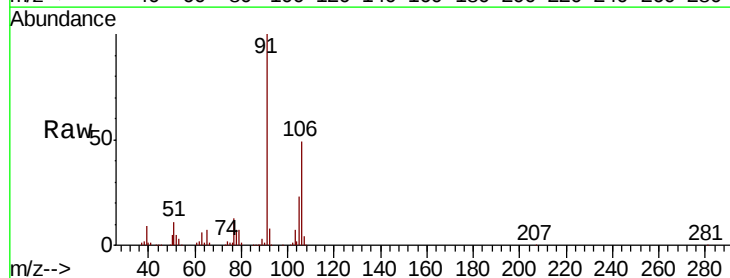
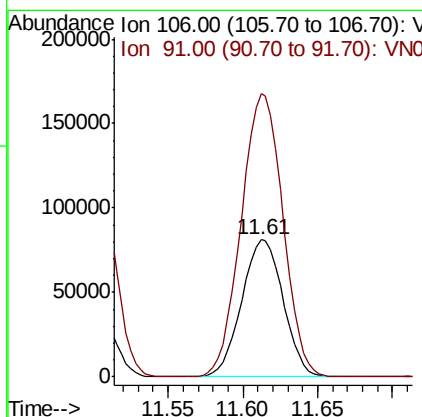
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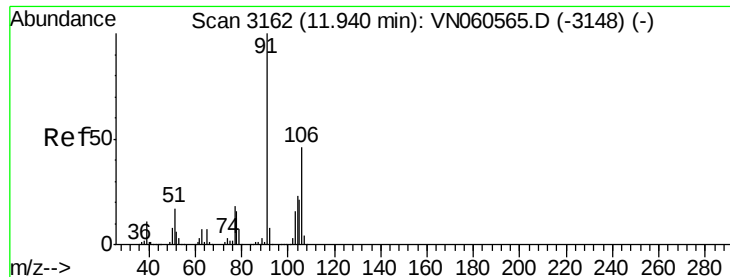
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#68
m/p-Xylenes
Concen: 40.044 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.00 min
Lab File: VN060665.D
Acq: 24 Mar 2020 12:34

Tgt Ion	106	Resp	156981
Ion	Ratio	Lower	Upper
106	100		
91	207.6	165.0	247.4





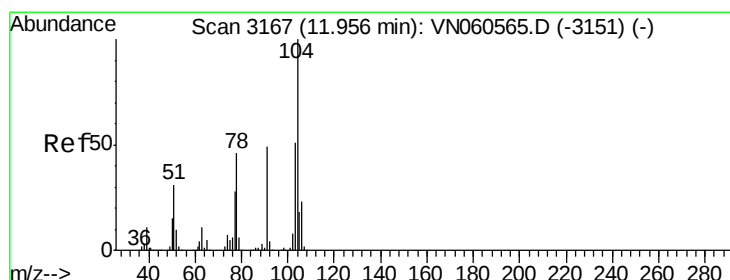
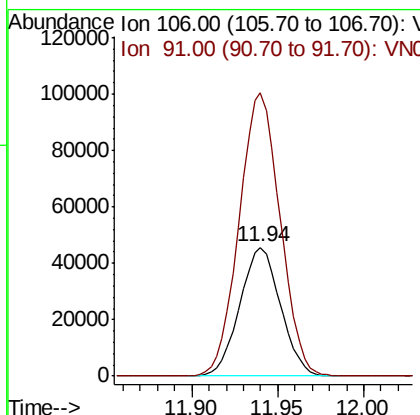
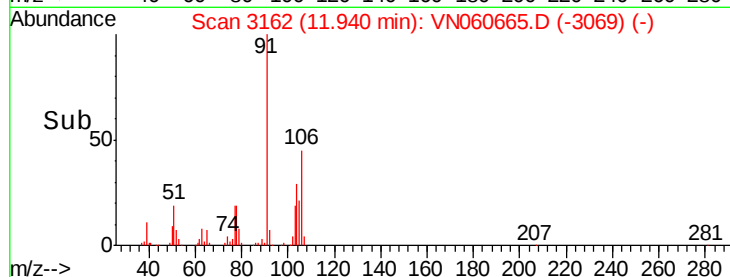
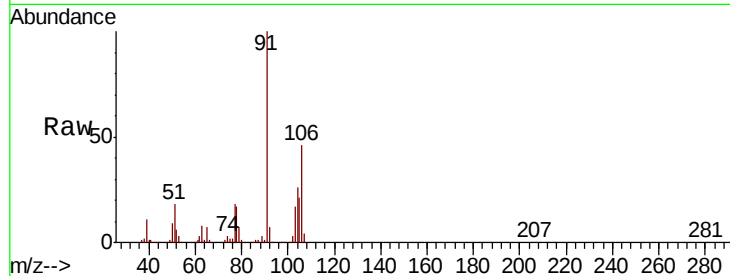
#69
o-Xylene
Concen: 20.060 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060665.D
Acq: 24 Mar 2020 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

Tot Ion:106 Resp: 75071
Ion Ratio Lower Upper
106 100
91 221.4 109.5 328.4

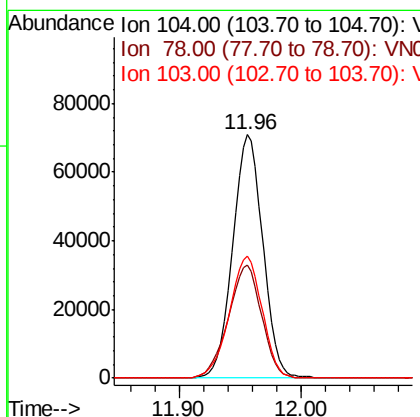
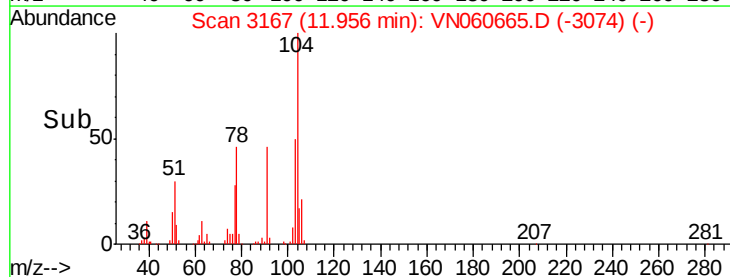
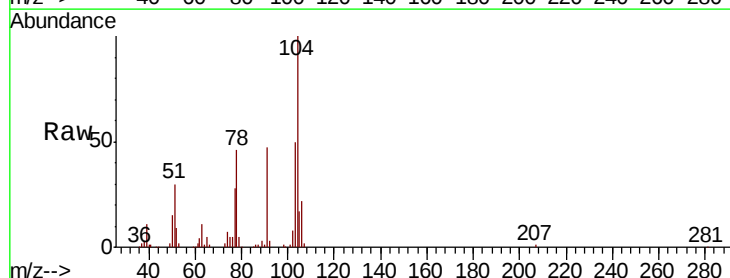
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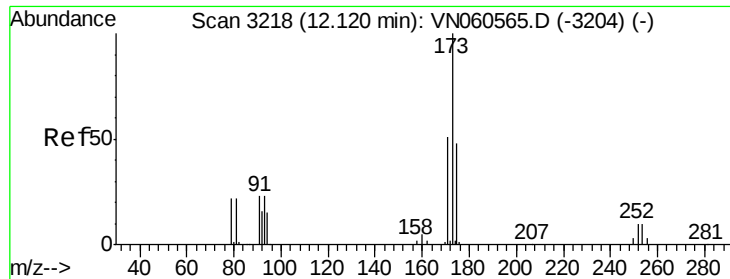
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#70
Styrene
Concen: 19.842 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060665.D
Acq: 24 Mar 2020 12:34

Tgt Ion:104 Resp: 121445
Ion Ratio Lower Upper
104 100
78 51.4 41.2 61.8
103 54.6 44.0 66.0





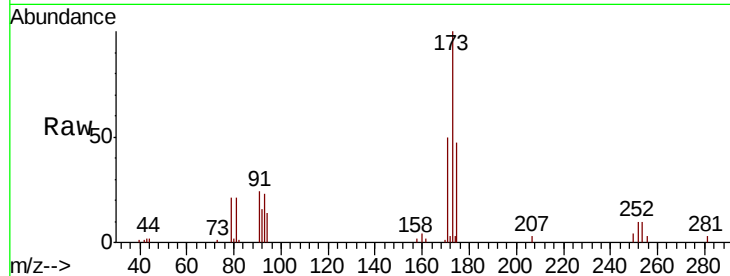
#71
Bromoform
Concen: 19.624 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN060665.D
Acq: 24 Mar 2020 12:34

Instrument :
MSVOA_N
ClientSampled :
VN0324WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.3	24.1	72.4
254	0.0	0.0	0.0

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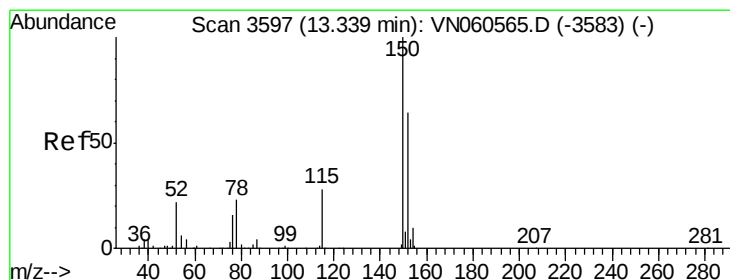
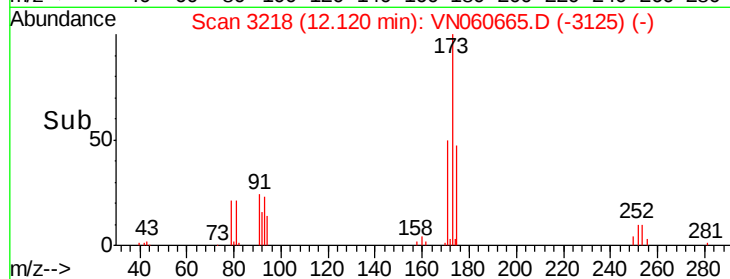
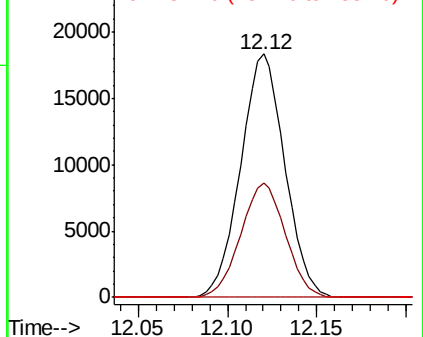


Abundance

Ion 172.70 (172.40 to 173.40): V

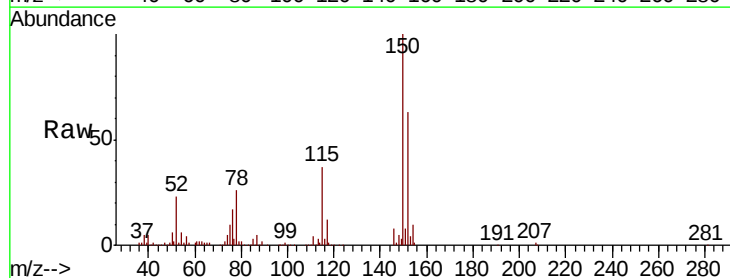
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060665.D
Acq: 24 Mar 2020 12:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.7	30.2	90.6
150	164.5	0.0	350.2

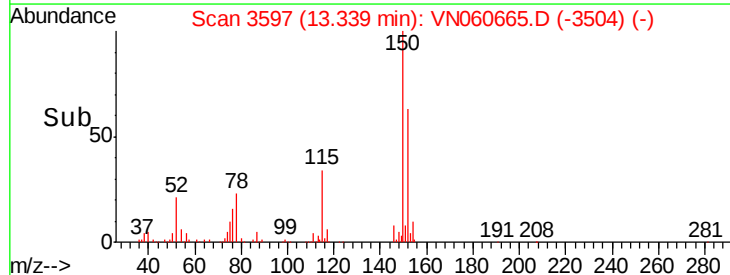
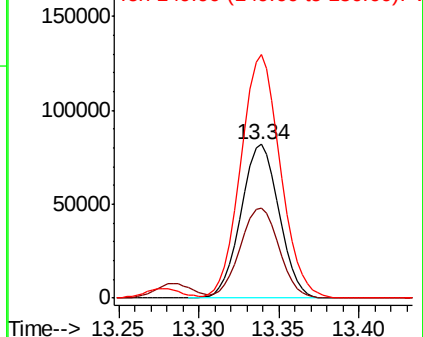


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.134 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060665.D

Acq: 24 Mar 2020 12:34

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBSD01

Tot Ion: 105 Resp: 200951

Ion Ratio Lower Upper

105 100

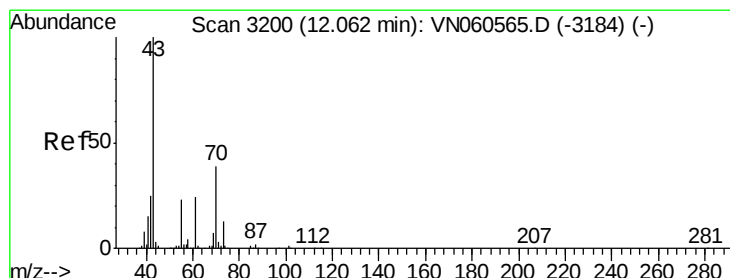
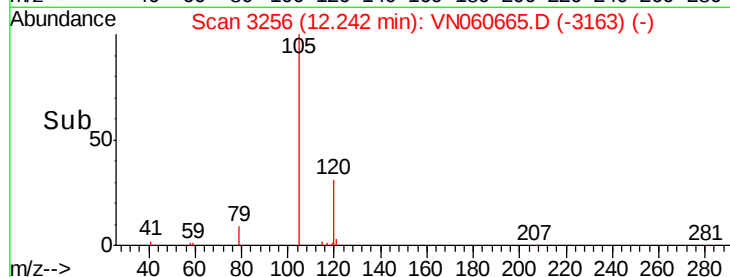
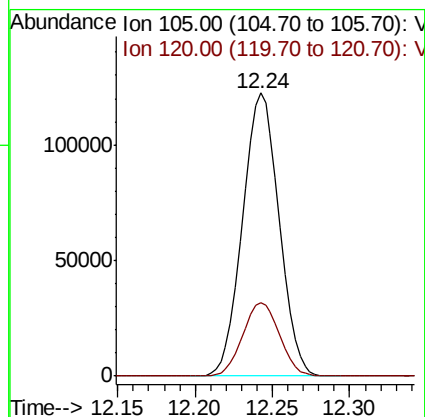
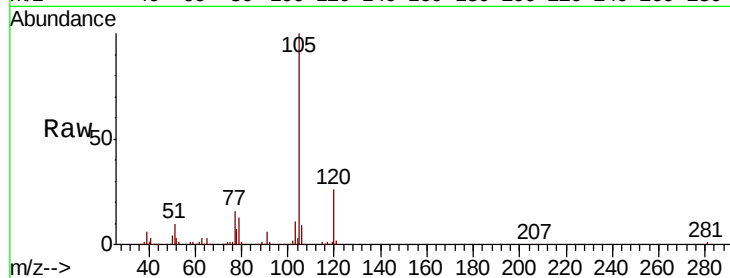
120 26.1 13.1 39.1

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#74

N-ethyl acetate

Concen: 20.050 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060665.D

Acq: 24 Mar 2020 12:34

Tgt Ion: 43 Resp: 92473

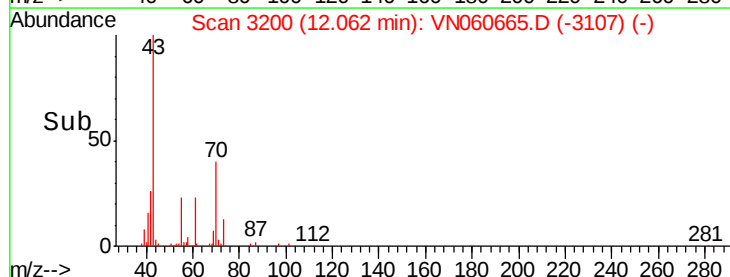
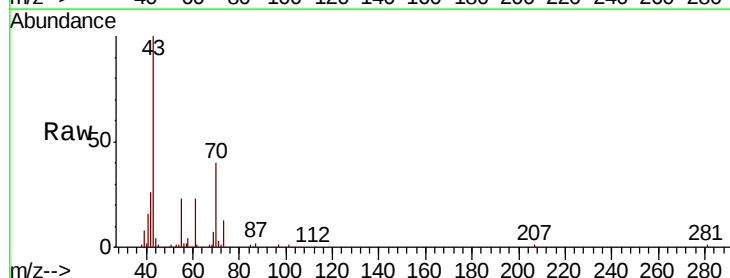
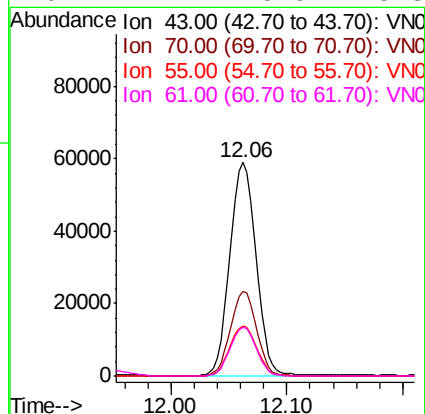
Ion Ratio Lower Upper

43 100

70 39.0 31.1 46.7

55 23.9 18.6 27.8

61 22.7 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.280 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060665.D

Acq: 24 Mar 2020 12:34

Instrument :

MSVOA_N

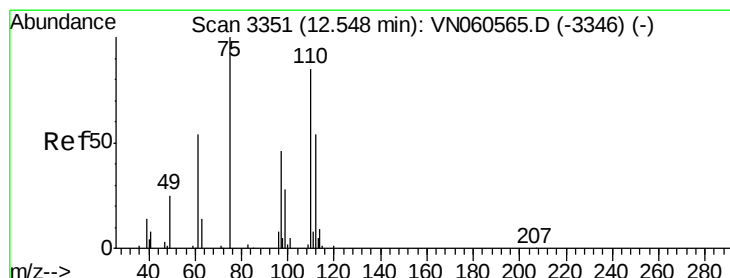
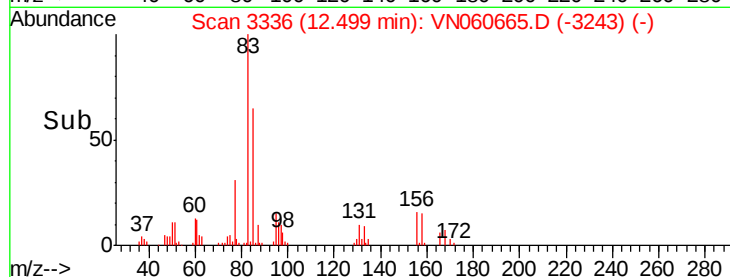
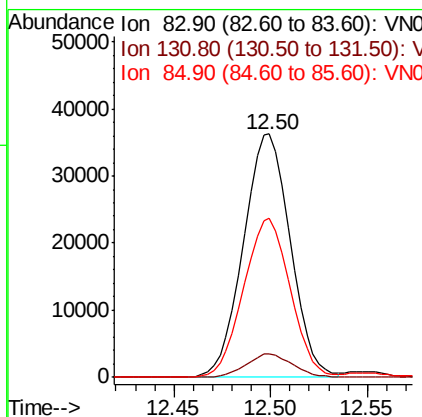
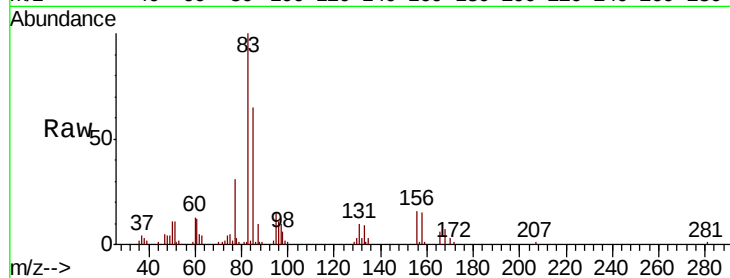
ClientSampleId :

VN0324WBSD01

Tot Ion:	83	Resp:	61212
Ion Ratio	Lower	Upper	
83	100		
131	9.4	4.9	14.7
85	64.9	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 19.321 ug/l m

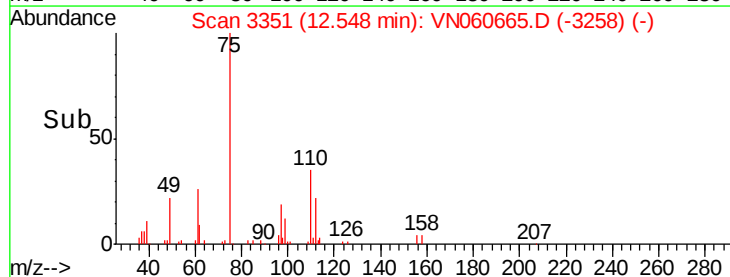
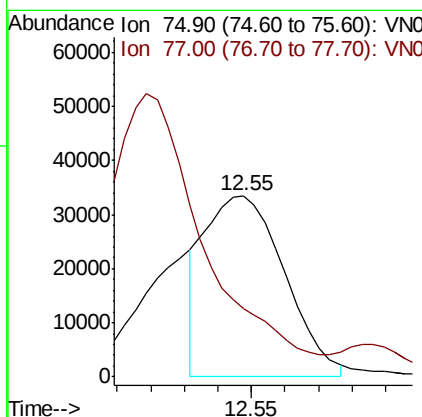
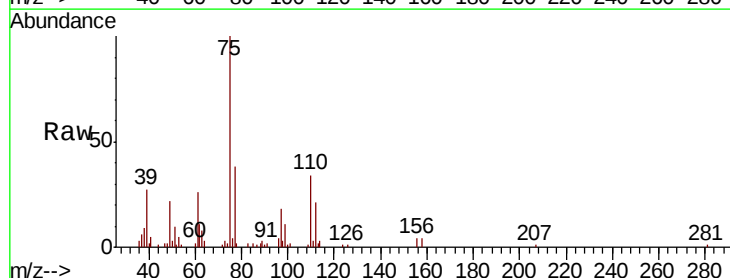
RT: 12.55 min Scan# 3351

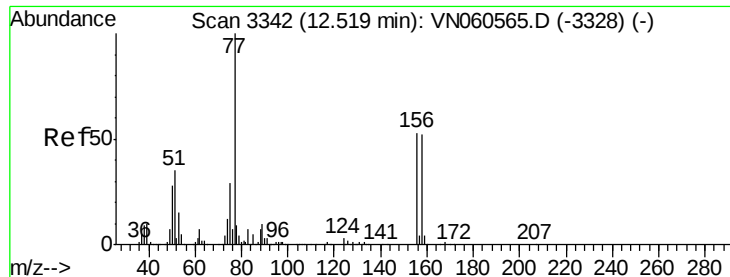
Delta R.T. -0.00 min

Lab File: VN060665.D

Acq: 24 Mar 2020 12:34

Tgt Ion:	75	Resp:	55448
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.069 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060665.D

Acq: 24 Mar 2020 12:34

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBSD01

Tot Ion:156 Resp: 48267

Ion Ratio Lower Upper

156 100

77 224.2 112.3 337.0

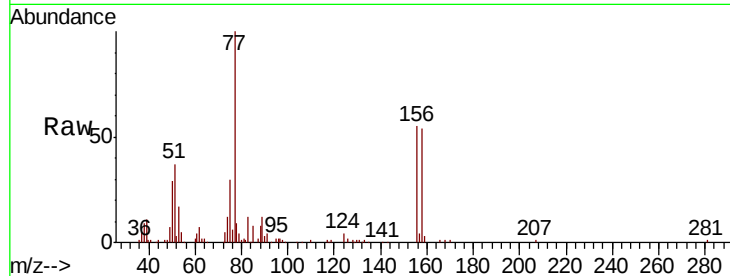
158 96.7 48.6 145.8

Manual Integrations

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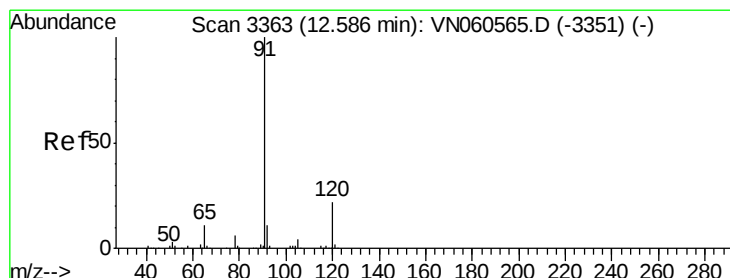
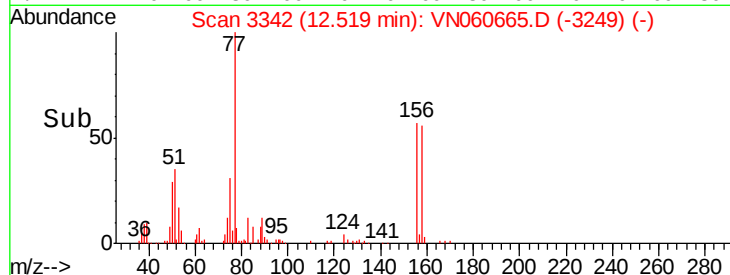
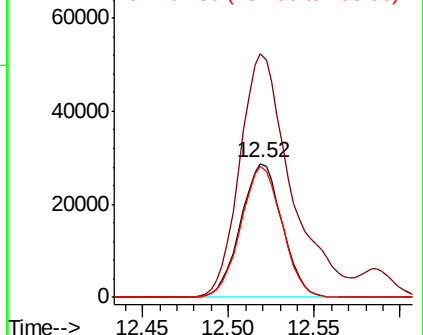
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.953 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060665.D

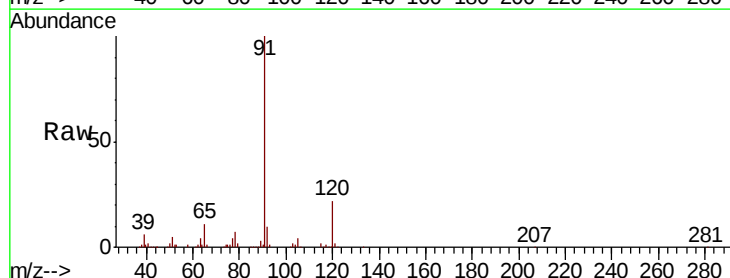
Acq: 24 Mar 2020 12:34

Tgt Ion: 91 Resp: 235276

Ion Ratio Lower Upper

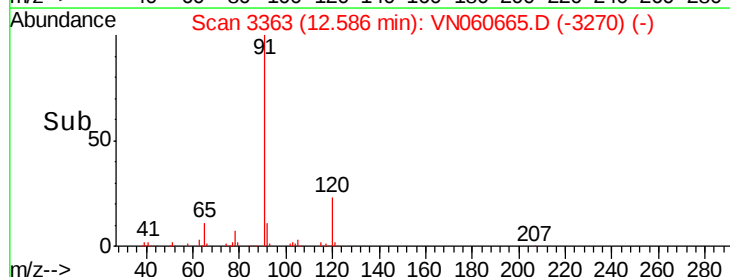
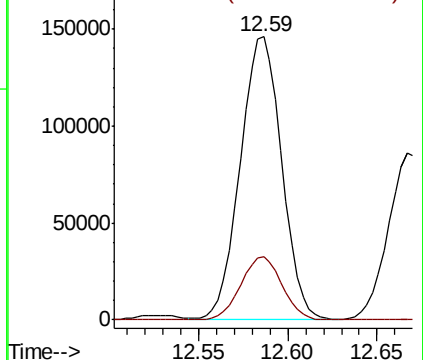
91 100

120 22.3 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.853 ug/l

RT: 12.67 min Scan# 3388

Delta R.T. -0.00 min

Lab File: VN060665.D

Acq: 24 Mar 2020 12:34

Instrument :

MSVOA_N

ClientSampleId :

VN0324WBSD01

Tot Ion: 91 Resp: 139878

Ion Ratio Lower Upper

91 100

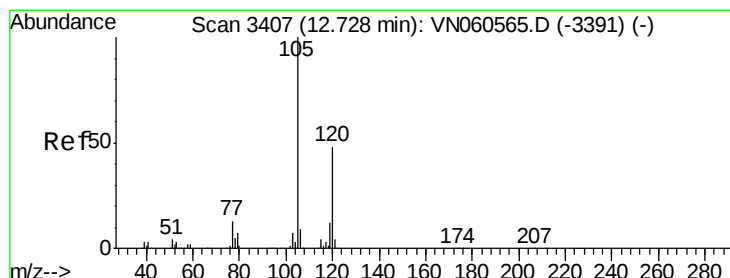
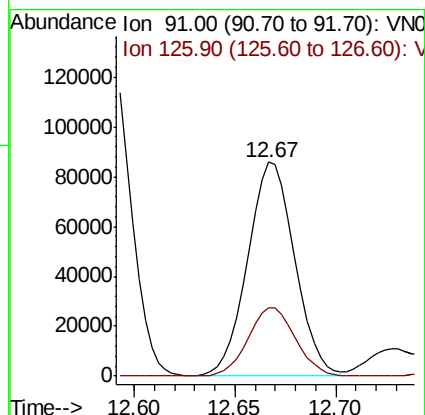
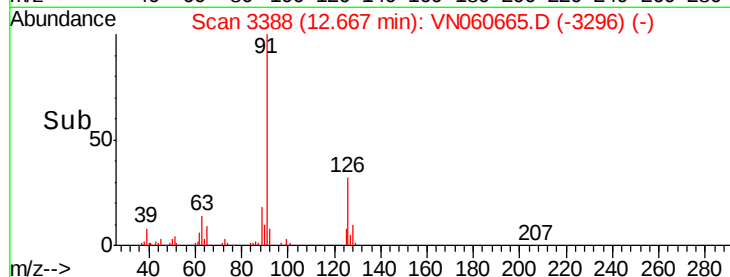
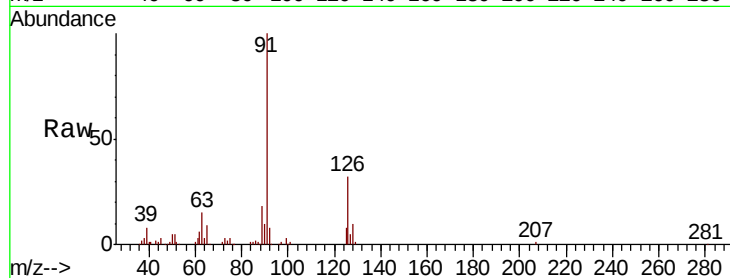
126 32.2 16.4 49.1

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#80

1,3,5-Trimethylbenzene

Concen: 19.867 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060665.D

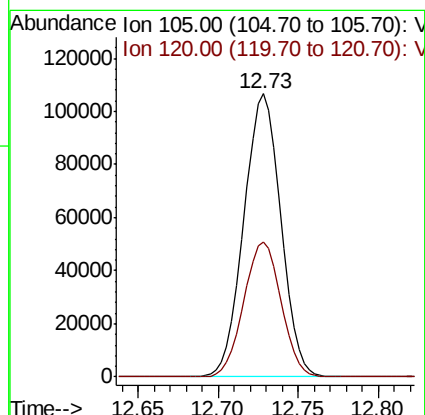
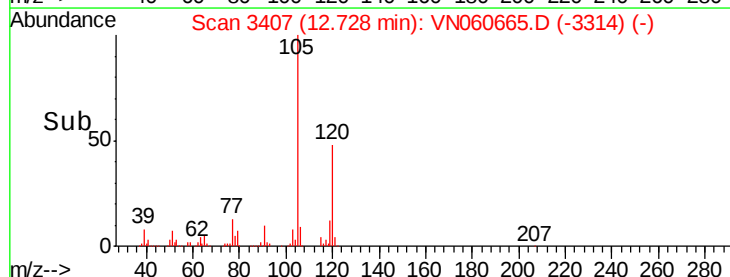
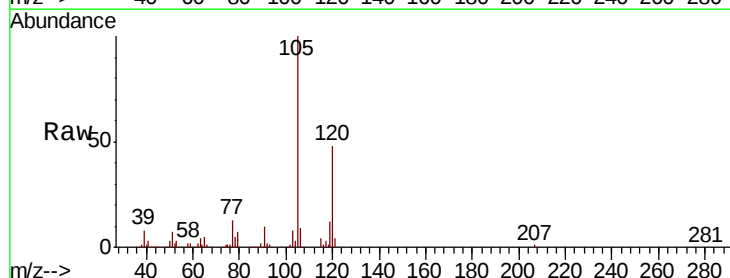
Acq: 24 Mar 2020 12:34

Tgt Ion: 105 Resp: 168270

Ion Ratio Lower Upper

105 100

120 48.1 23.9 71.7





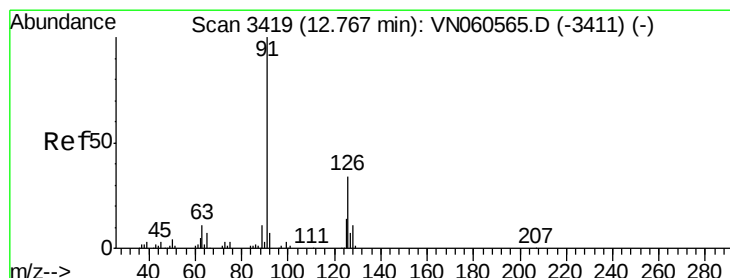
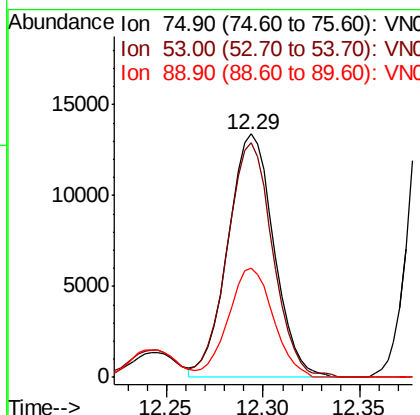
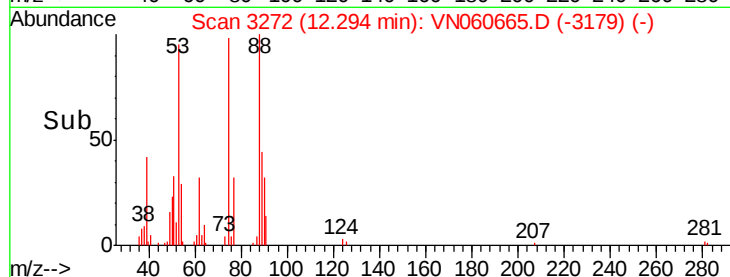
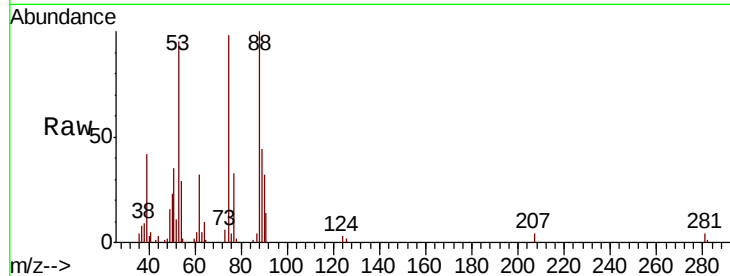
#81
trans-1,4-Dichloro-2-butene
Concen: 19.835 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. -0.00 min
Lab File: VN060665.D
Acq: 24 Mar 2020 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.3	73.0	109.4
89	43.9	34.8	52.2

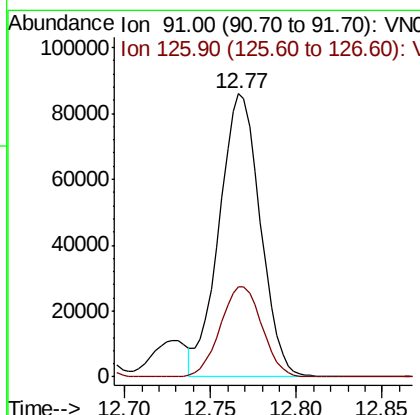
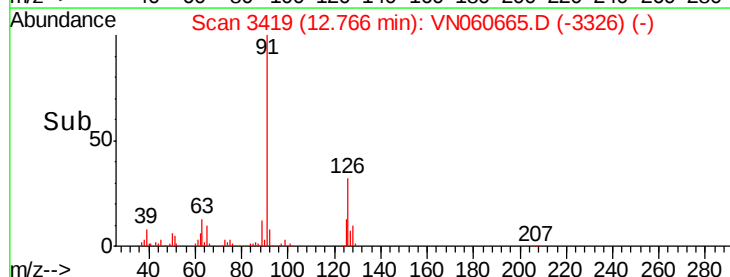
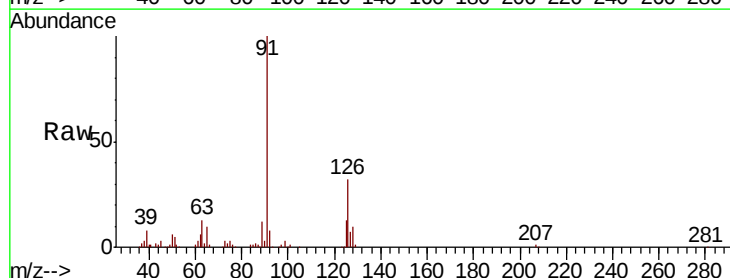
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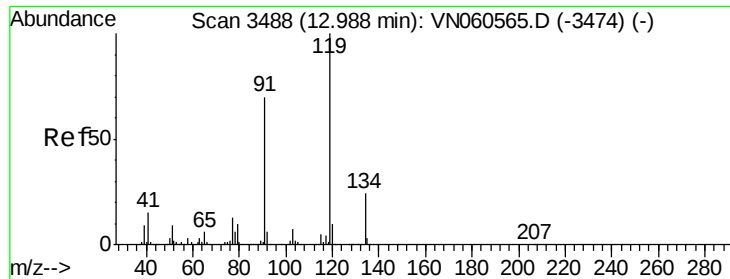
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#82
4-Chlorotoluene
Concen: 20.003 ug/l
RT: 12.77 min Scan# 3419
Delta R.T. -0.00 min
Lab File: VN060665.D
Acq: 24 Mar 2020 12:34

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.2	48.5





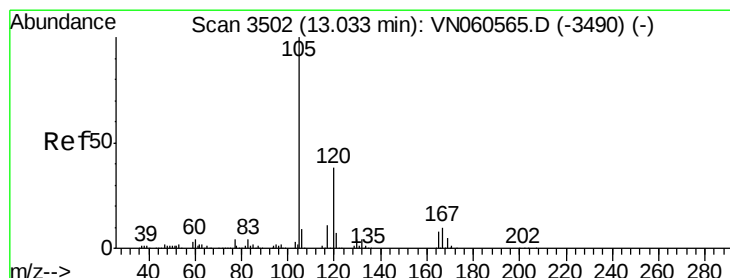
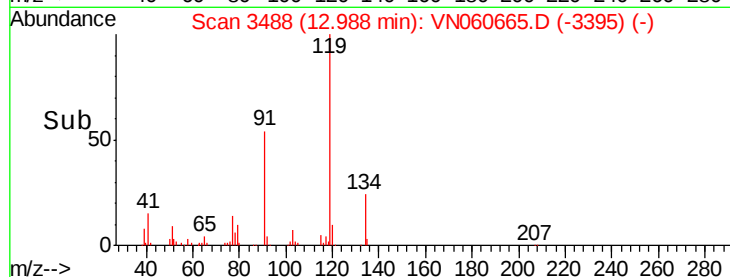
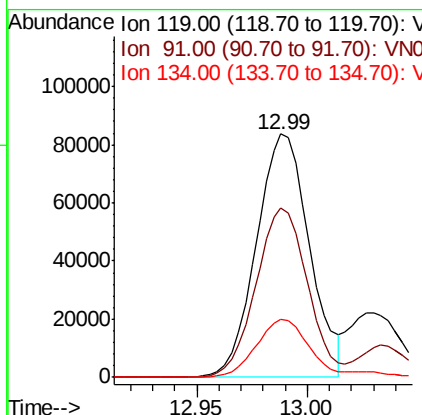
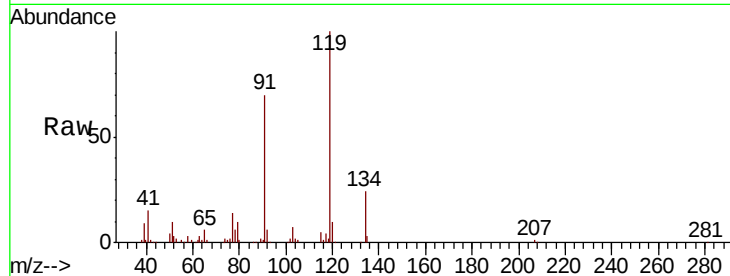
#83
 tert-Butylbenzene
 Concen: 19.837 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN060665.D
 Acq: 24 Mar 2020 12:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.1	34.0	101.8
134	23.7	12.7	38.0

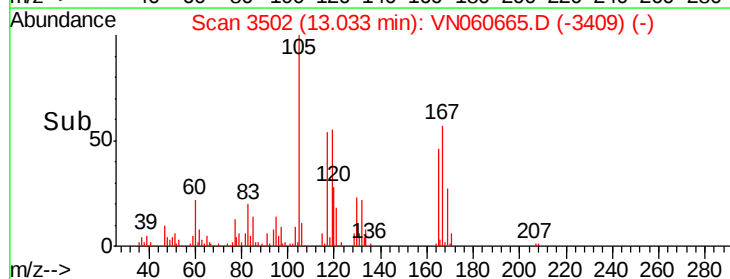
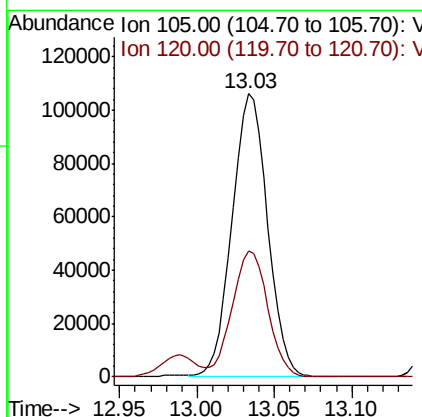
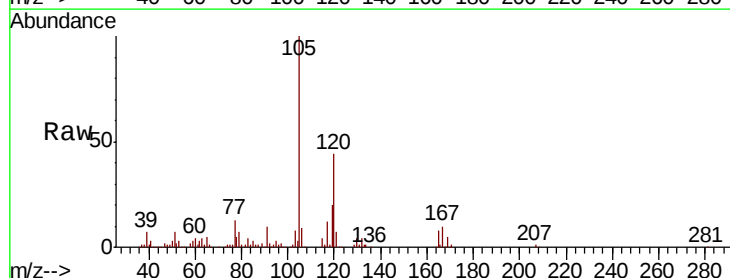
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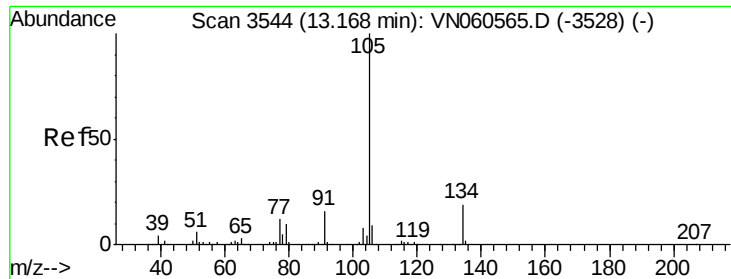
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.159 ug/l
 RT: 13.03 min Scan# 3502
 Delta R.T. -0.00 min
 Lab File: VN060665.D
 Acq: 24 Mar 2020 12:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.1	66.5





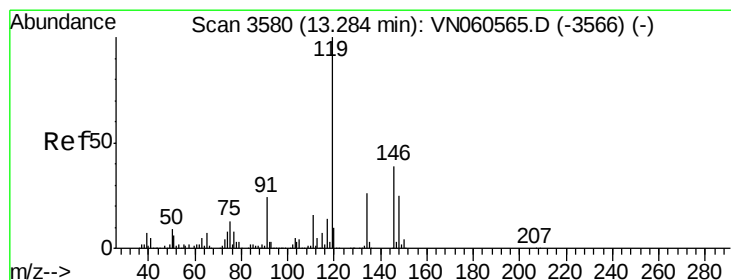
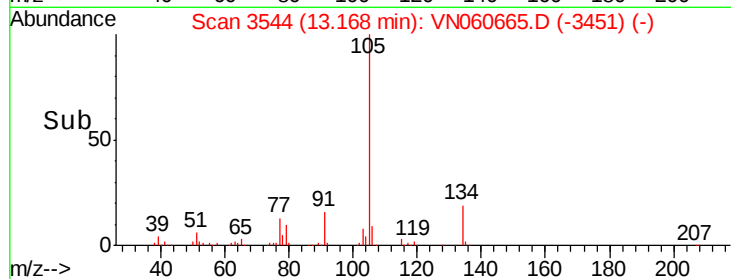
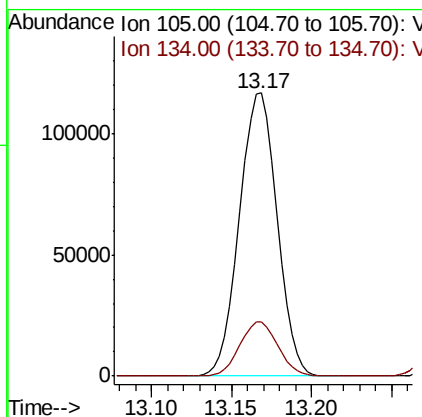
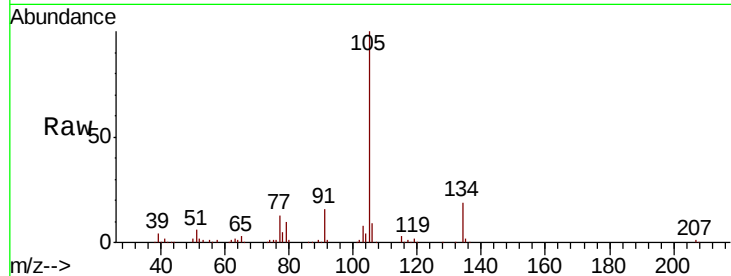
#85
 sec-Butylbenzene
 Concen: 19.868 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. -0.00 min
 Lab File: VN060665.D
 Acq: 24 Mar 2020 12:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	187592		
134	19.4	9.6	28.8	

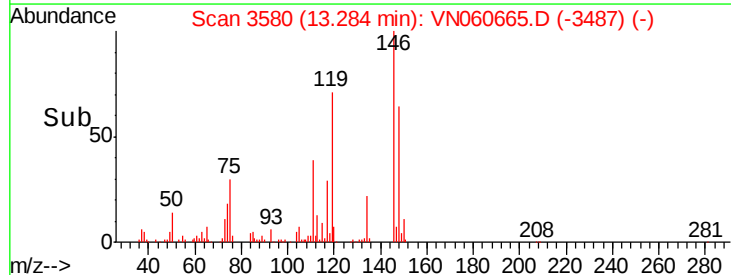
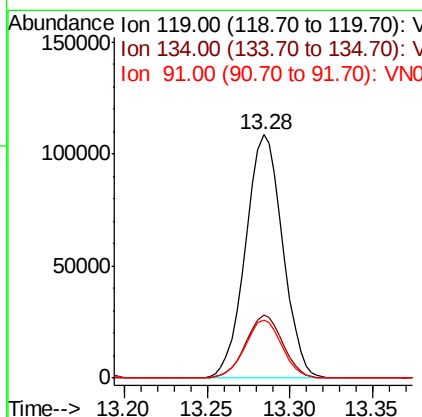
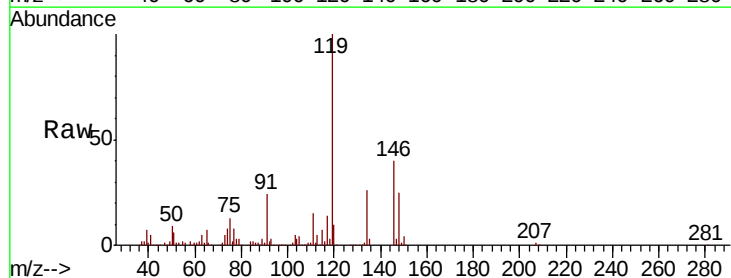
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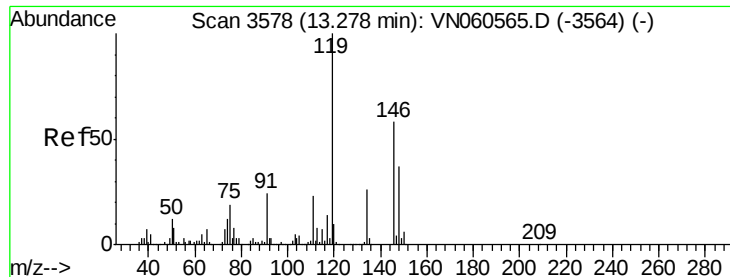
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#86
 p-Isopropyltoluene
 Concen: 19.937 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN060665.D
 Acq: 24 Mar 2020 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	169274		
134	25.8	13.0	39.0	
91	23.7	12.0	36.0	





#87

1,3-Dichlorobenzene

Concen: 20.369 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. -0.00 min

Lab File: VN060665.D

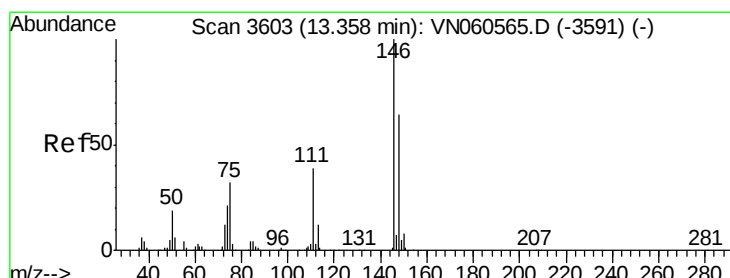
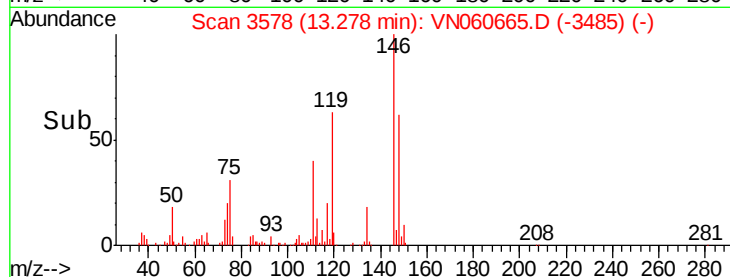
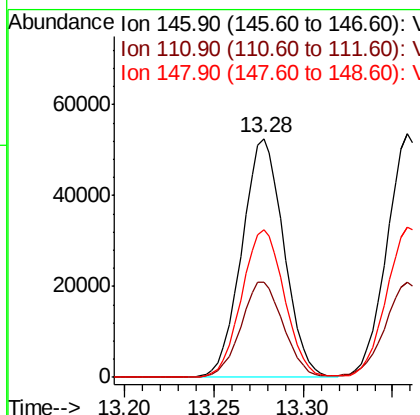
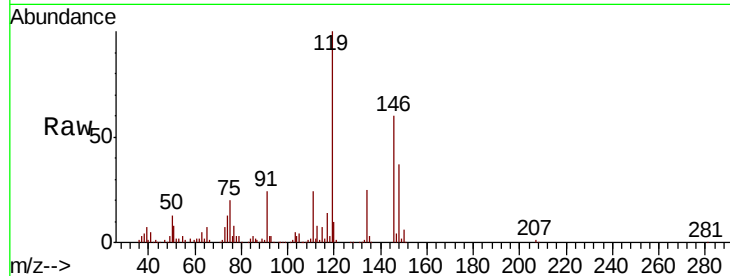
Acq: 24 Mar 2020 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.3	60.8
148	63.0	32.5	97.4

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#88

1,4-Dichlorobenzene

Concen: 20.194 ug/l

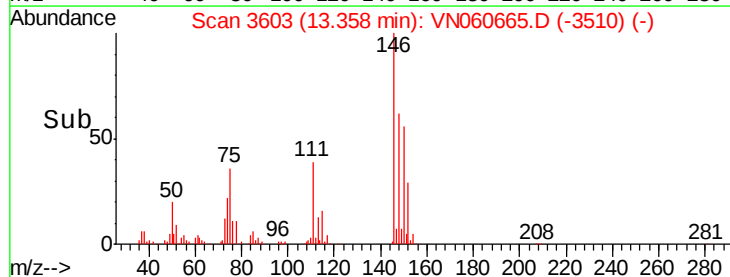
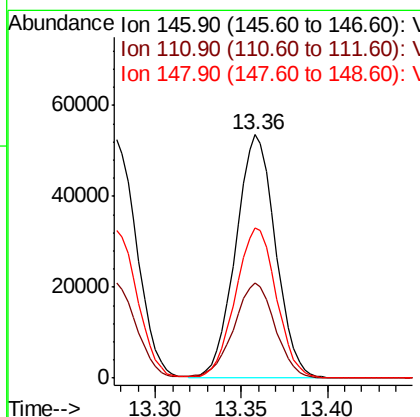
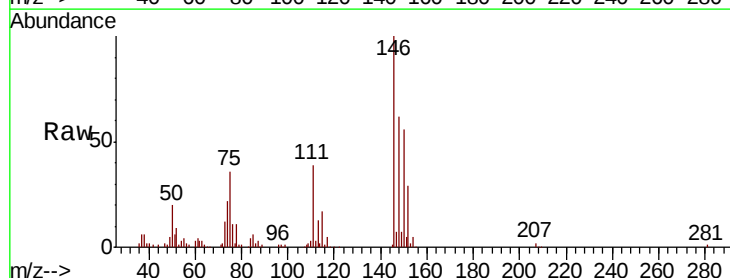
RT: 13.36 min Scan# 3603

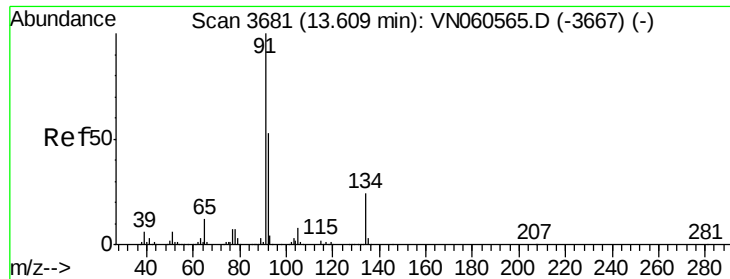
Delta R.T. -0.00 min

Lab File: VN060665.D

Acq: 24 Mar 2020 12:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.6	58.7
148	63.4	32.1	96.3





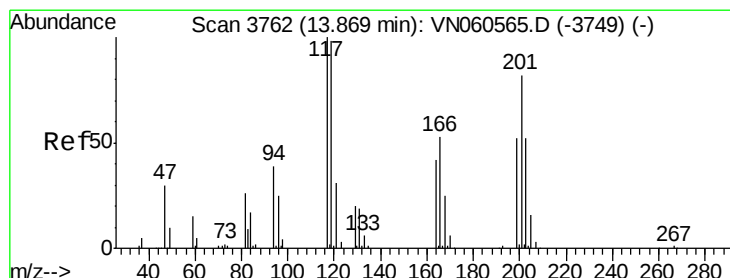
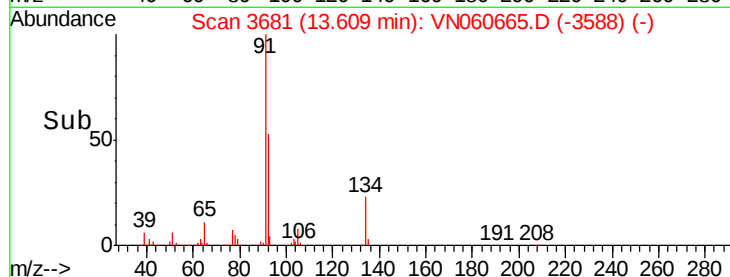
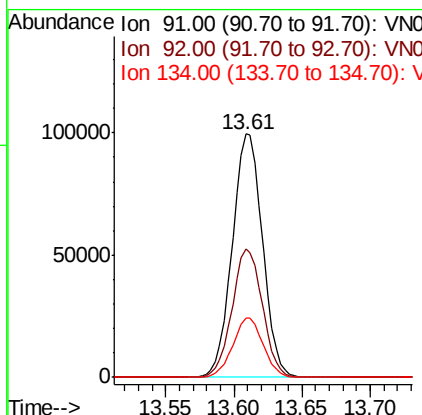
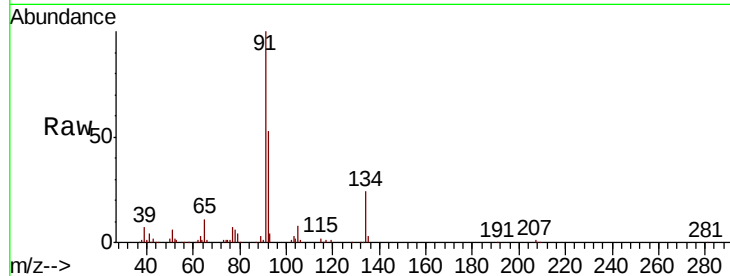
#89
n-Butylbenzene
Concen: 20.016 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. -0.00 min
Lab File: VN060665.D
Acq: 24 Mar 2020 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.2	78.5
134	24.4	12.3	36.9

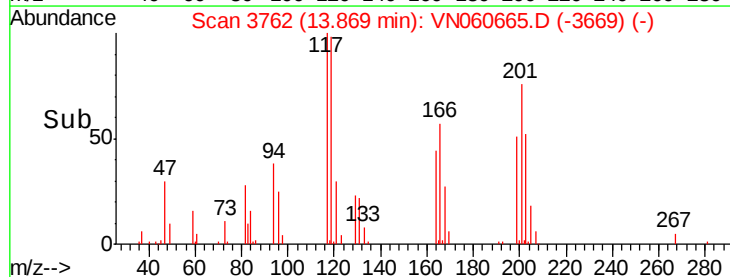
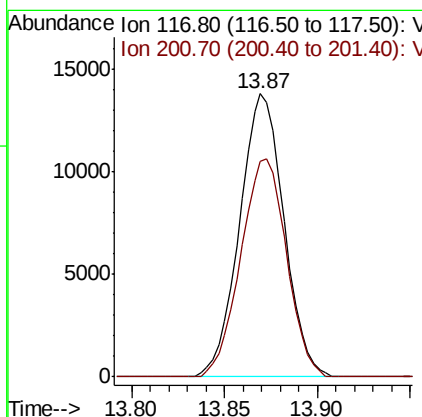
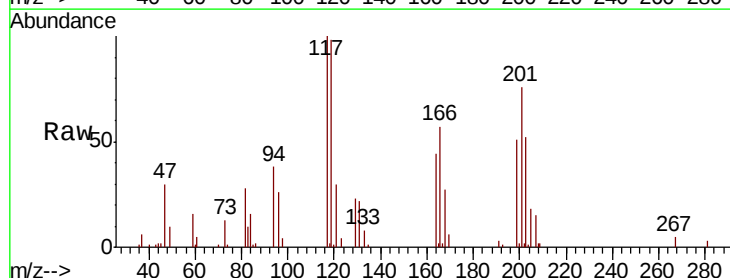
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#90
Hexachloroethane
Concen: 18.646 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN060665.D
Acq: 24 Mar 2020 12:34

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.6	40.8	122.5





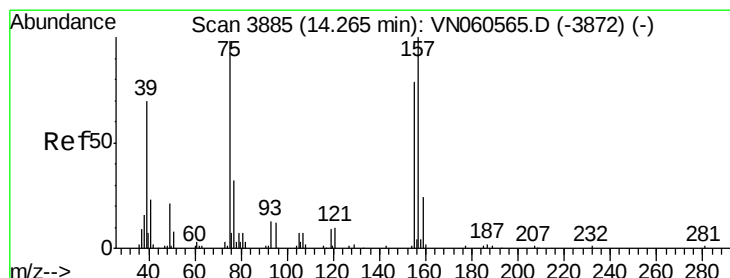
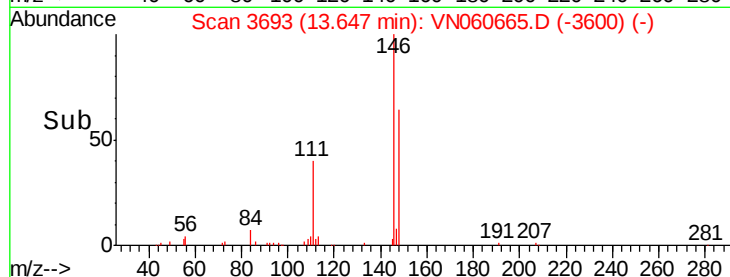
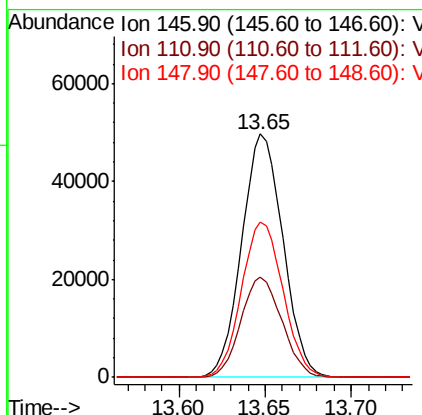
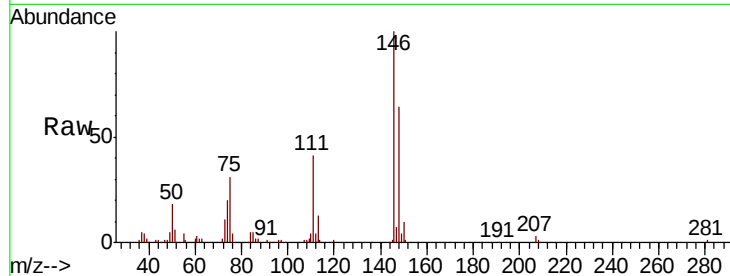
#91
 1,2-Dichlorobenzene
 Concen: 20.441 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. -0.00 min
 Lab File: VN060665.D
 Acq: 24 Mar 2020 12:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	21.0	63.0
148	64.2	31.9	95.5

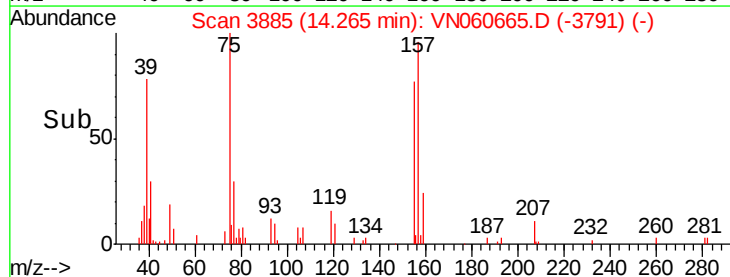
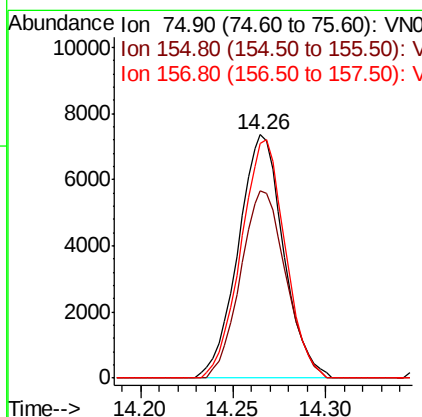
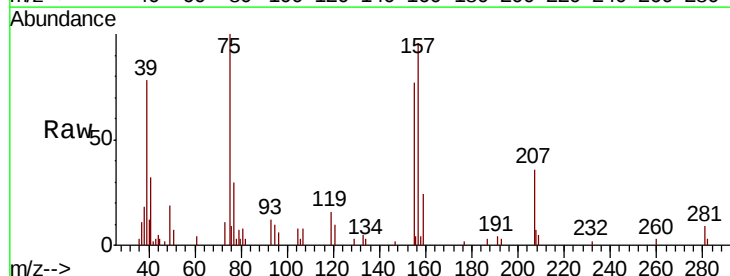
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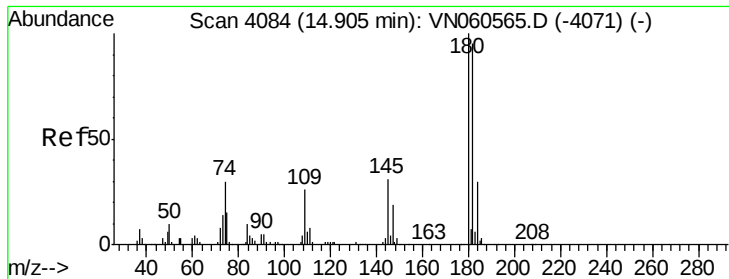
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.546 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN060665.D
 Acq: 24 Mar 2020 12:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.8	40.7	122.1
157	95.5	51.5	154.7





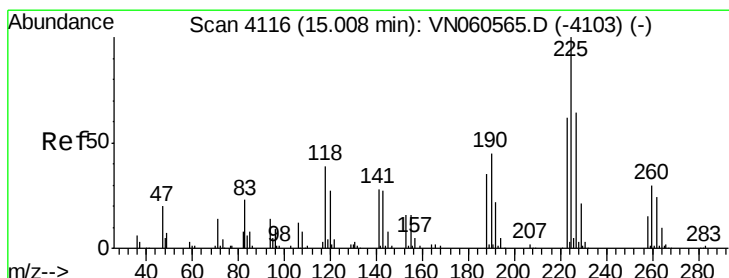
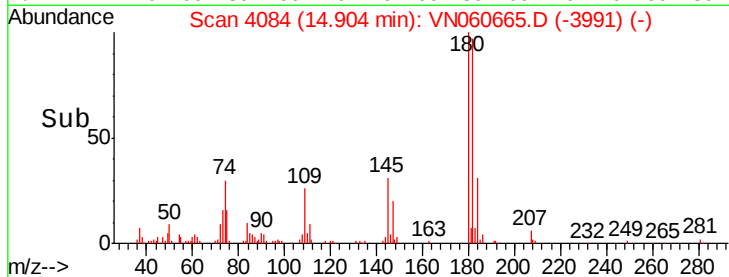
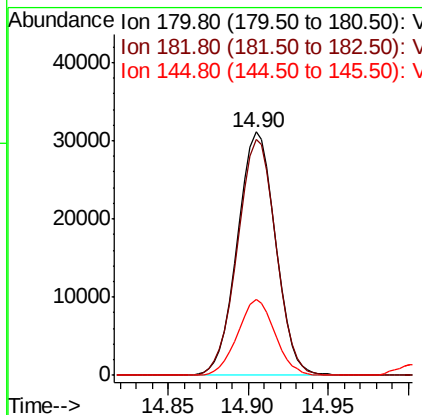
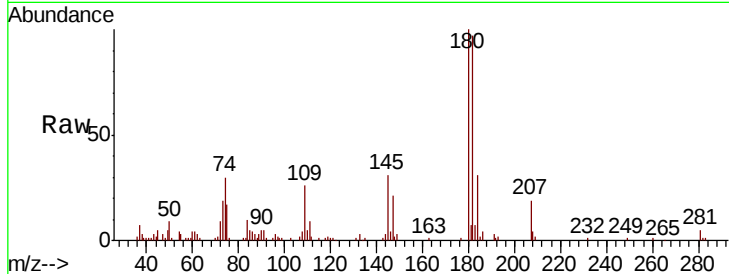
#93
 1,2,4-Trichlorobenzene
 Concen: 20.281 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN060665.D
 Acq: 24 Mar 2020 12:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.3	47.9	143.8
145	30.5	15.4	46.2

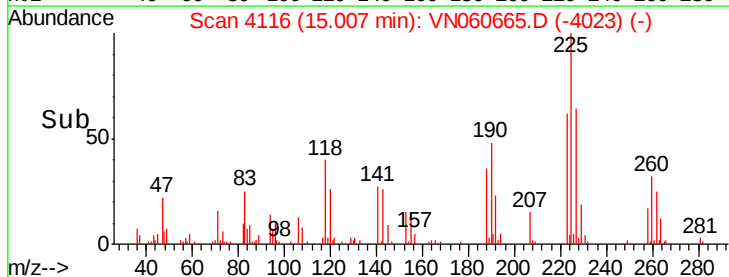
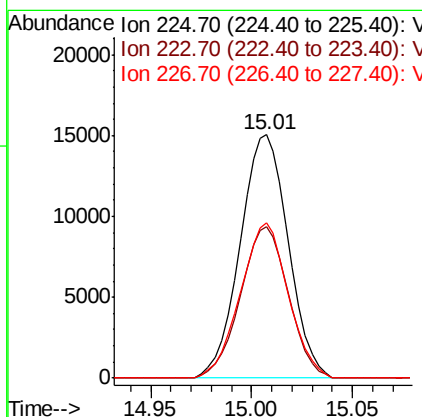
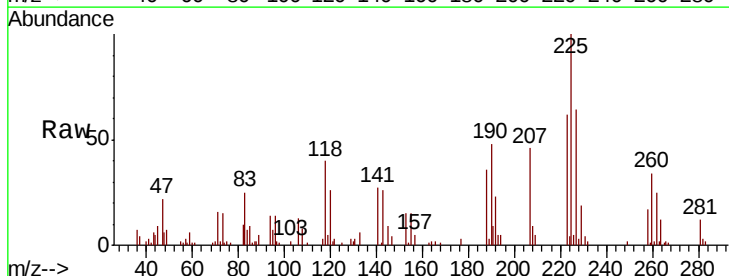
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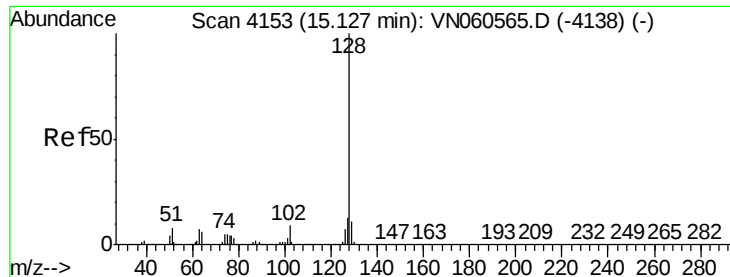
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#94
 Hexachlorobutadiene
 Concen: 20.552 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060665.D
 Acq: 24 Mar 2020 12:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	31.6	95.0
227	63.3	32.3	96.8





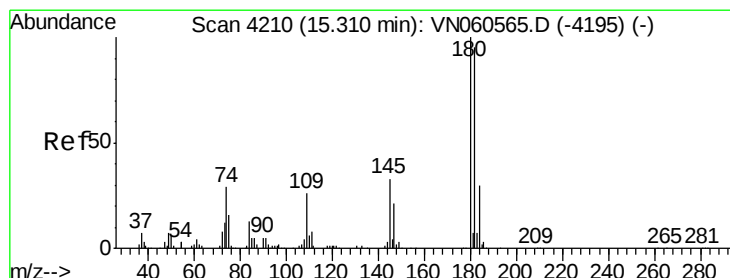
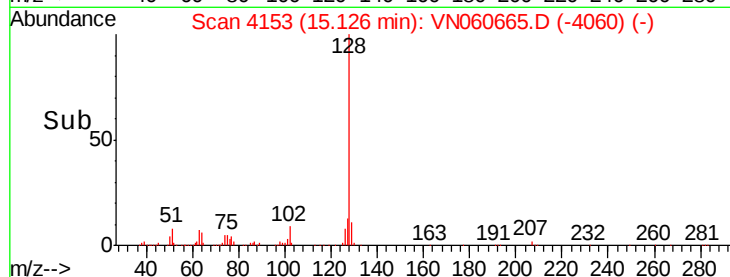
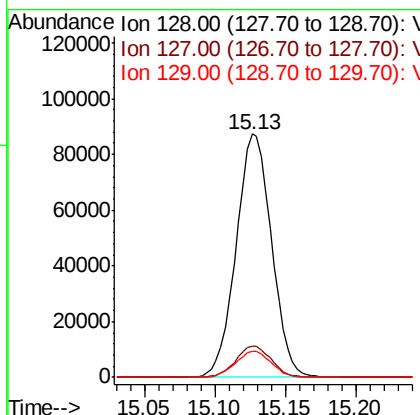
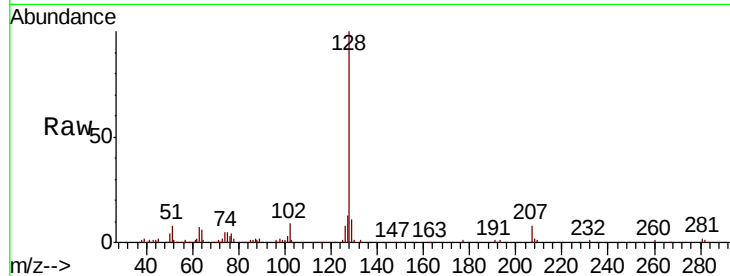
#95
Naphthalene
Concen: 20.546 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN060665.D
Acq: 24 Mar 2020 12:34

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
128	100				
127	12.9		10.2	15.2	
129	10.8		8.8	13.2	

Manual Integrations
APPROVED

MMDadoda
3/25/2020 10:20:16 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.389 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060665.D
Acq: 24 Mar 2020 12:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100				
182	95.1		47.5	142.6	
145	32.4		16.3	48.8	

