

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041420\
 Data File : VN060929.D
 Acq On : 14 Apr 2020 13:37
 Operator : JC/MD
 Sample : VN0414WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBSD01

Manual Integrations
 APPROVED

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 4/15/2020 1:49:59 PM

Quant Time: Apr 15 08:55:43 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	140101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	235285	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	212021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	96930	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	84569	43.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.94%	
35) Dibromofluoromethane	7.56	113	62854	44.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.36%	
50) Toluene-d8	10.08	98	245132	42.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.36%	
62) 4-Bromofluorobenzene	12.39	95	88668	41.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	24406	18.004	ug/l	99
3) Chloromethane	2.04	50	44427	17.547	ug/l	99
4) Vinyl Chloride	2.17	62	36063	18.211	ug/l	99
5) Bromomethane	2.55	94	17994	21.049	ug/l	99
6) Chloroethane	2.69	64	23134	20.280	ug/l	99
7) Trichlorofluoromethane	3.00	101	49757	20.397	ug/l	99
8) Diethyl Ether	3.38	74	20647	21.069	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.74	101	30122	21.310	ug/l	99
10) Methyl Iodide	3.93	142	22766	18.100	ug/l	99
11) Tert butyl alcohol	4.72	59	26693	94.371	ug/l	99
12) 1,1-Dichloroethene	3.72	96	29966	19.755	ug/l	97
13) Acrolein	3.58	56	27637	88.161	ug/l	98
14) Allyl chloride	4.29	41	57938	21.717	ug/l	95
15) Acrylonitrile	4.94	53	88900	106.883	ug/l	99
16) Acetone	3.78	43	86075	126.347	ug/l	96
17) Carbon Disulfide	4.03	76	80936	17.544	ug/l	97
18) Methyl Acetate	4.29	43	42145	21.978	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	109569	21.010	ug/l	96
20) Methylene Chloride	4.52	84	34814	20.774	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	32122	19.870	ug/l	94
22) Diisopropyl ether	5.91	45	128655	22.826	ug/l	97
23) Vinyl Acetate	5.86	43	507055	110.259	ug/l	99
24) 1,1-Dichloroethane	5.82	63	66990	21.802	ug/l	99
25) 2-Butanone	6.80	43	120993	109.754	ug/l	99
26) 2,2-Dichloropropane	6.79	77	57170	23.648	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	38273	20.833	ug/l	97
28) Bromochloromethane	7.16	49	28293	19.246	ug/l	95
29) Tetrahydrofuran	7.18	42	78735	100.944	ug/l	97
30) Chloroform	7.34	83	63339	21.503	ug/l	98
31) Cyclohexane	7.63	56	60773	19.619	ug/l	97
32) 1,1,1-Trichloroethane	7.54	97	52854	20.814	ug/l	96
36) 1,1-Dichloropropene	7.77	75	47024	20.640	ug/l	99
37) Ethyl Acetate	6.89	43	50953	20.698	ug/l	99
38) Carbon Tetrachloride	7.75	117	41396	20.273	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	56440	20.846	ug/l	97
40) Benzene	8.02	78	144249	20.974	ug/l	100
41) Methacrylonitrile	7.15	41	22964m	21.858	ug/l	
42) 1,2-Dichloroethane	8.10	62	49750	21.166	ug/l	99
43) Isopropyl Acetate	8.14	43	85512	21.063	ug/l	100
44) Trichloroethene	8.81	130	34874	20.115	ug/l	97
45) 1,2-Dichloropropane	9.10	63	40892	22.533	ug/l	98
46) Dibromomethane	9.19	93	23230	21.173	ug/l	99
47) Bromodichloromethane	9.38	83	49523	21.722	ug/l	100
48) Methyl methacrylate	9.18	41	36653	20.277	ug/l	99
49) 1,4-Dioxane	9.18	88	7698	358.294	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	245557	106.290	ug/l	99
52) Toluene	10.14	92	85247	20.524	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	56819	21.696	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	61912	21.550	ug/l	97
55) 1,1,2-Trichloroethane	10.55	97	34029	21.295	ug/l	99
56) Ethyl methacrylate	10.42	69	51469	20.657	ug/l	97
57) 1,3-Dichloropropane	10.70	76	59256	21.369	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	110010	88.837	ug/l	99
59) 2-Hexanone	10.74	43	174685	104.967	ug/l	100
60) Dibromochloromethane	10.89	129	34679	21.010	ug/l	98
61) 1,2-Dibromoethane	10.99	107	33342	20.750	ug/l	99
64) Tetrachloroethene	10.62	164	32212	19.307	ug/l	98
65) Chlorobenzene	11.42	112	88292	21.006	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	32475	21.340	ug/l	98
67) Ethyl Benzene	11.50	91	165760	21.207	ug/l	100
68) m/p-Xylenes	11.61	106	119309	41.076	ug/l	98
69) o-Xylene	11.94	106	58220	20.997	ug/l	100
70) Styrene	11.96	104	92679	20.437	ug/l	100
71) Bromoform	12.12	173	23632	19.737	ug/l #	100
73) Isopropylbenzene	12.24	105	157269	21.620	ug/l	100
74) N-amyl acetate	12.06	43	70054	20.841	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	47948	21.797	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	41642m	19.910	ug/l	
77) Bromobenzene	12.52	156	36335	20.729	ug/l	98
78) n-propylbenzene	12.59	91	185536	21.589	ug/l	99
79) 2-Chlorotoluene	12.67	91	108763	21.181	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	131855	21.360	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	16605	20.390	ug/l	98
82) 4-Chlorotoluene	12.77	91	112131	21.441	ug/l	97
83) tert-Butylbenzene	12.99	119	111674	21.823	ug/l	100
84) 1,2,4-Trimethylbenzene	13.03	105	132388	21.678	ug/l	99
85) sec-Butylbenzene	13.17	105	153252	22.271	ug/l	100
86) p-Isopropyltoluene	13.28	119	134415	21.723	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	64483	20.858	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	64528	20.775	ug/l	99
89) n-Butylbenzene	13.61	91	124206	22.232	ug/l	100
90) Hexachloroethane	13.87	117	21527	23.934	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	62963	21.300	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	9066	19.513	ug/l	89

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ClientSampleId :
VN0414WBSD01

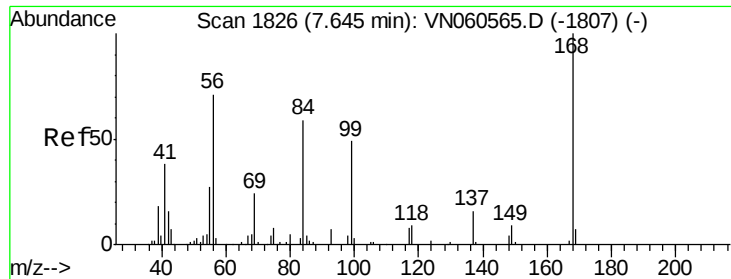
Manual Integrations
APPROVED

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	37764	20.803	ug/l	100
94) Hexachlorobutadiene	15.01	225	20739	23.305	ug/l	98
95) Naphthalene	15.13	128	106203	19.451	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	37179	20.793	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

Tot Ion:168 Resp: 140101

Ion Ratio Lower Upper

168 100

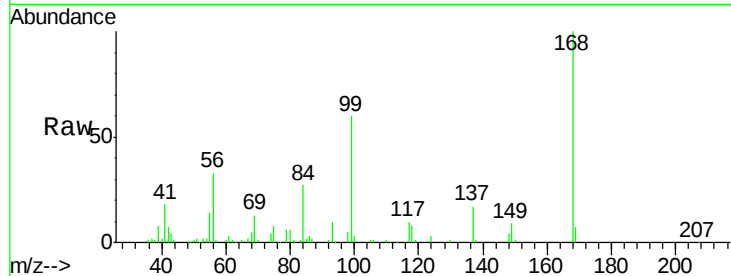
99 60.3 44.0 66.0

Manual Integrations

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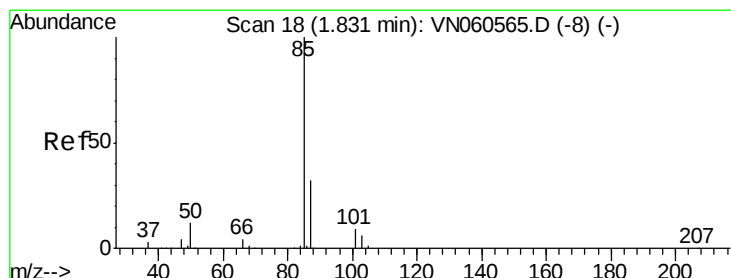
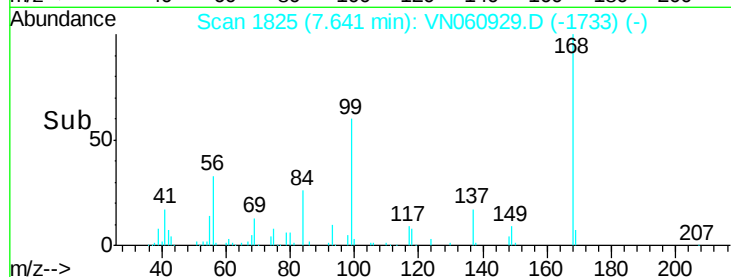
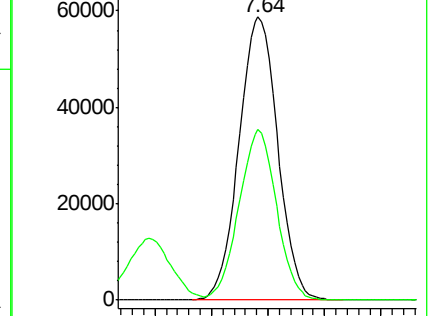
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 18.004 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN060929.D

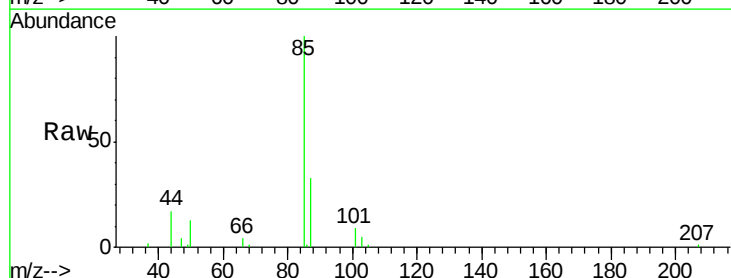
Acq: 14 Apr 2020 13:37

Tgt Ion: 85 Resp: 24406

Ion Ratio Lower Upper

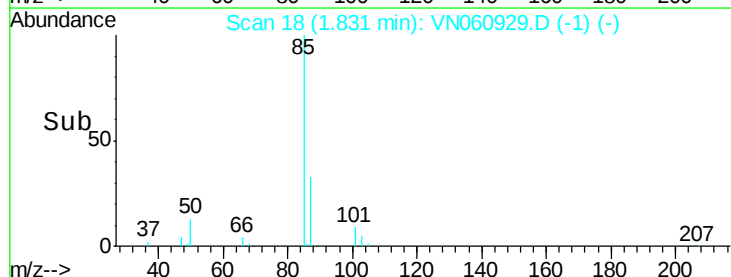
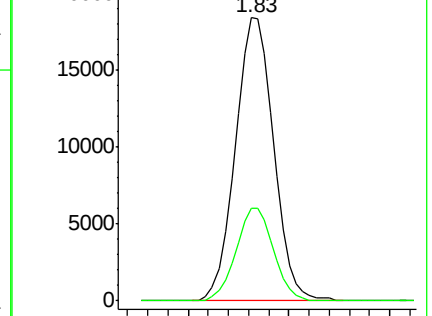
85 100

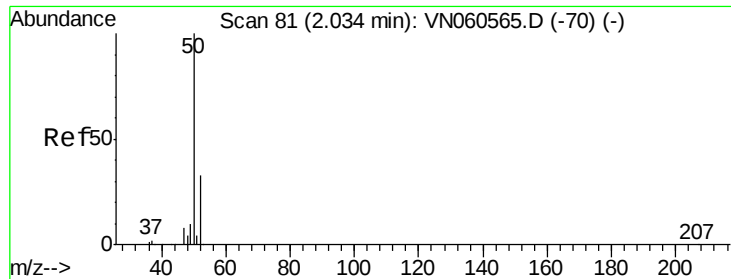
87 32.9 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 17.547 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

Tot Ion: 50 Resp: 44427

Ion Ratio Lower Upper

50 100

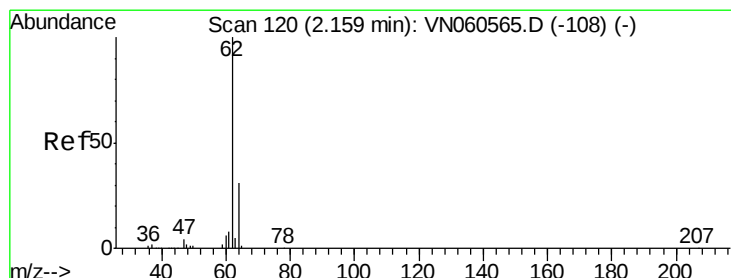
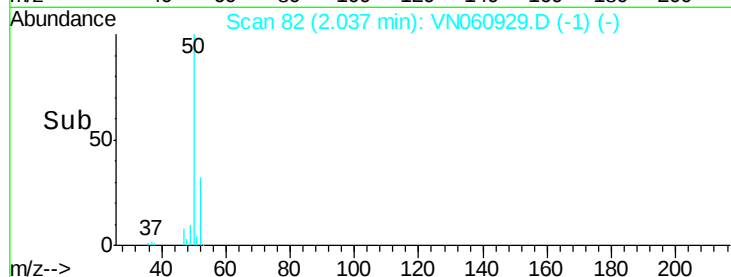
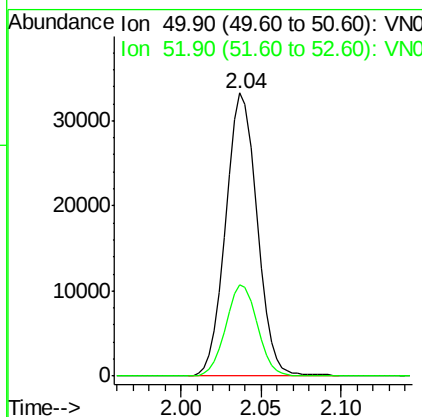
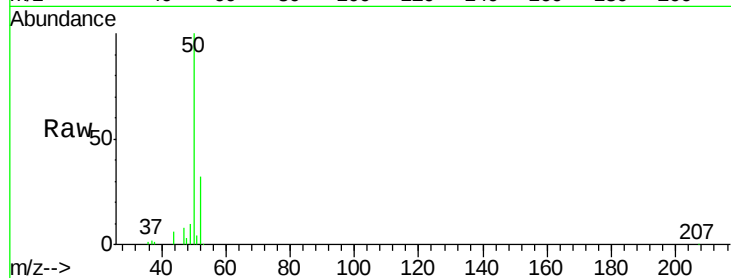
52 32.3 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.211 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.01 min

Lab File: VN060929.D

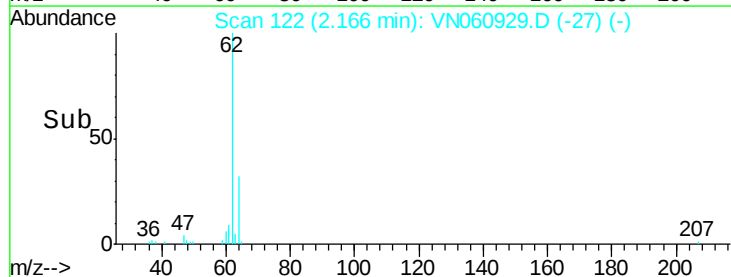
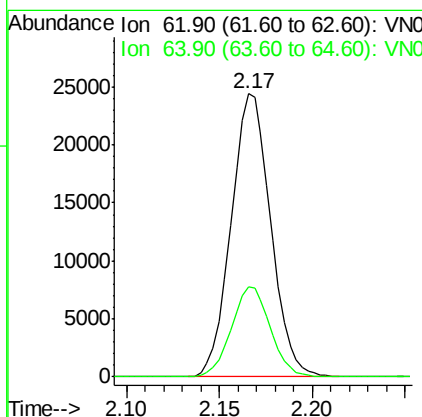
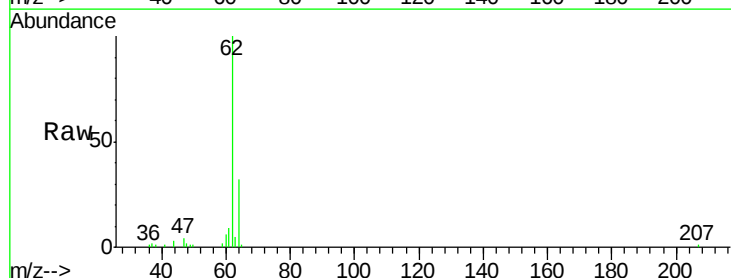
Acq: 14 Apr 2020 13:37

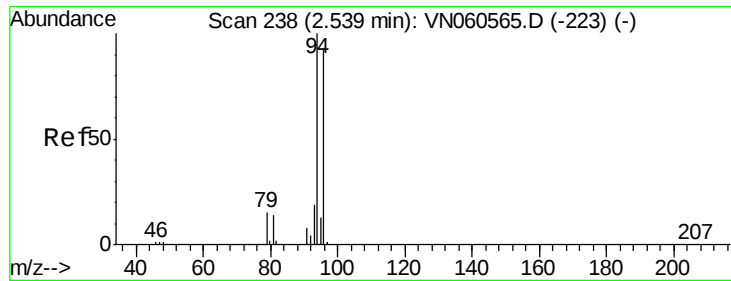
Tgt Ion: 62 Resp: 36063

Ion Ratio Lower Upper

62 100

64 31.7 24.7 37.1





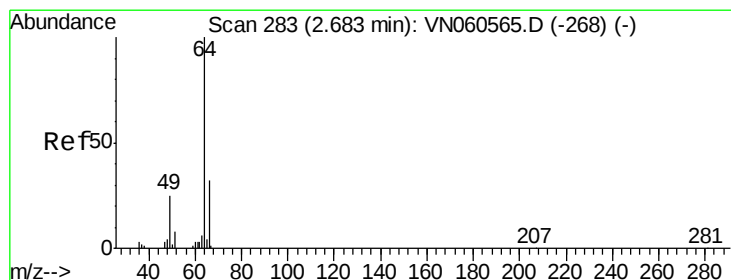
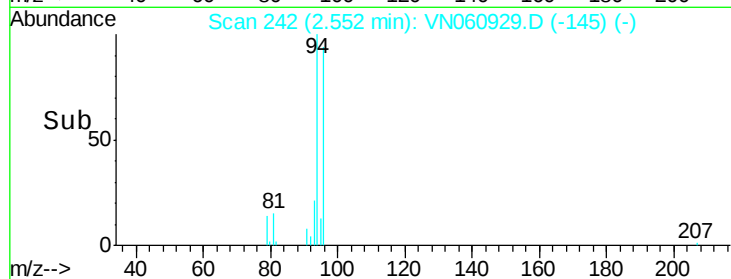
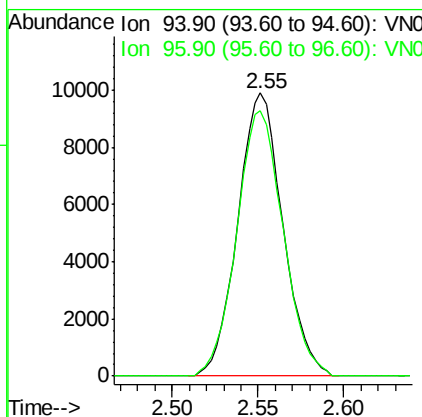
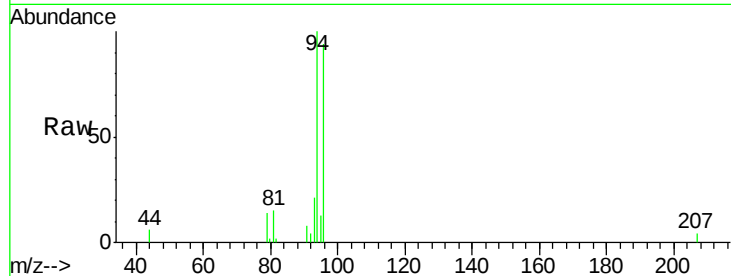
#5
Bromomethane
Concen: 21.049 ug/l
RT: 2.55 min Scan# 242
Delta R.T. 0.01 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

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Tot Ion: 94 Resp: 17994
Ion Ratio Lower Upper
94 100
96 93.8 74.6 112.0

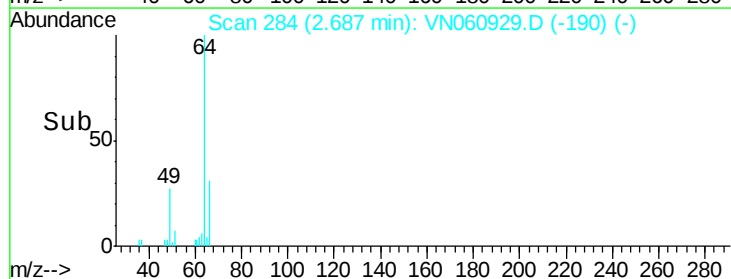
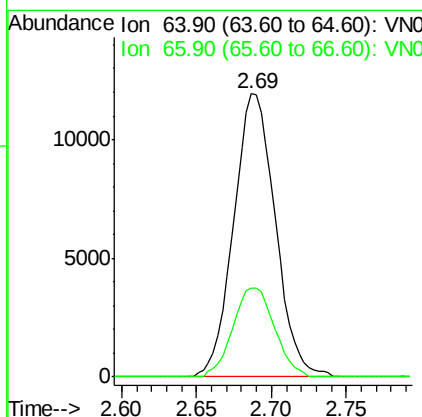
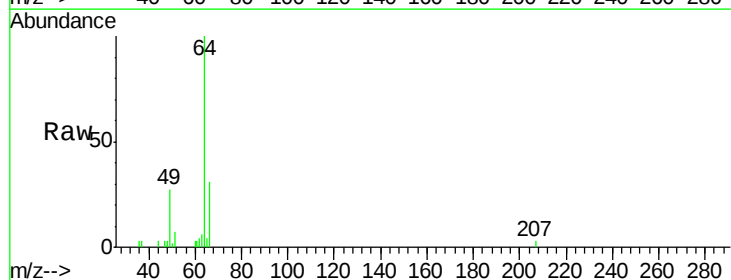
Manual Integrations
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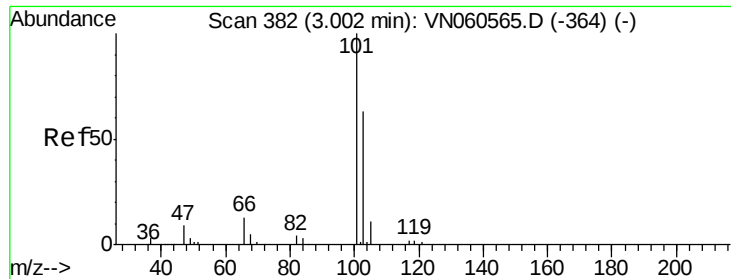
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#6
Chloroethane
Concen: 20.280 ug/l
RT: 2.69 min Scan# 284
Delta R.T. 0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

Tgt Ion: 64 Resp: 23134
Ion Ratio Lower Upper
64 100
66 31.3 25.3 37.9





#7

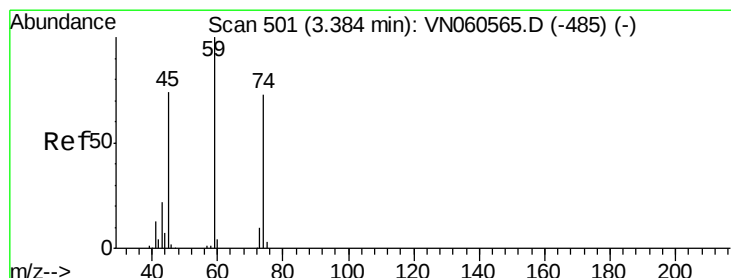
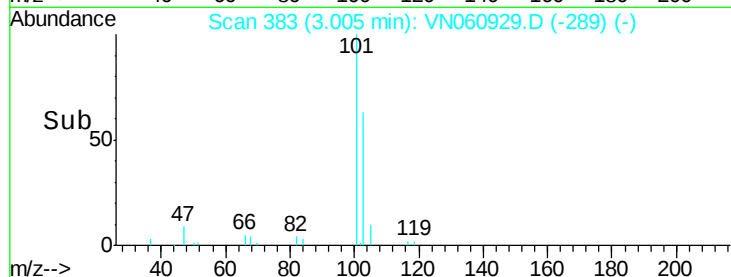
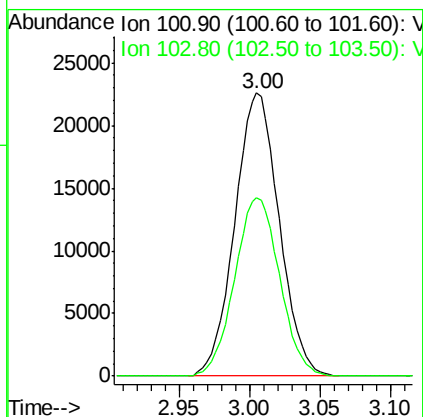
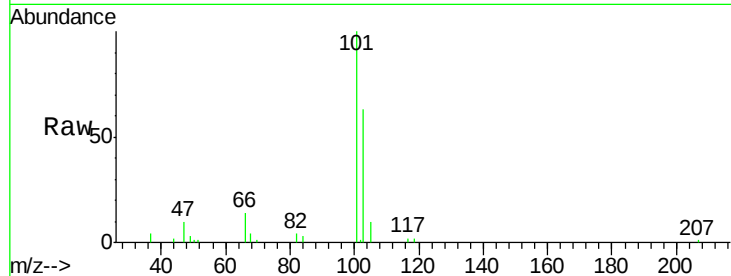
Trichlorofluoromethane
 Concen: 20.397 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN060929.D
 Acq: 14 Apr 2020 13:37

Instrument :
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 ClientSampleId :
 VN0414WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.8	50.6	76.0

Manual Integrations
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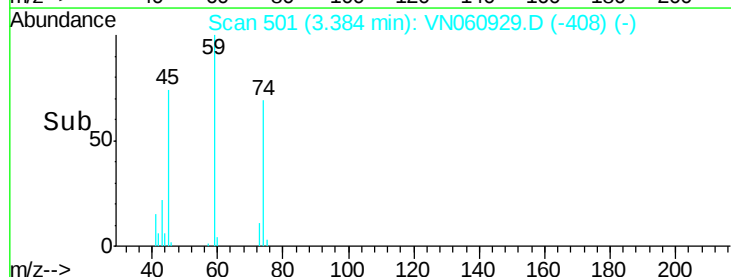
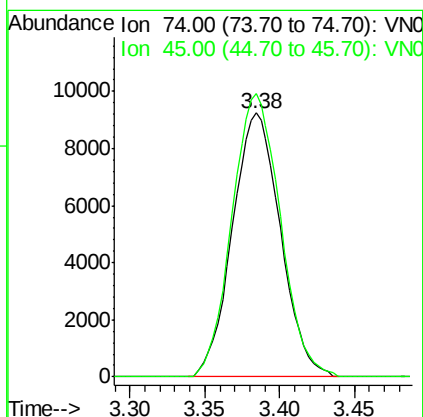
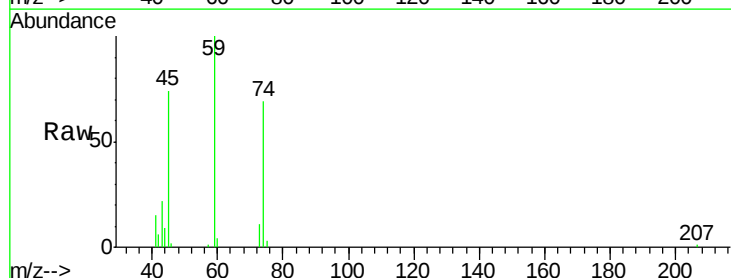
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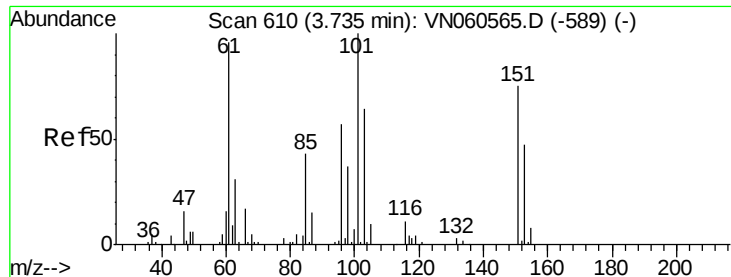


#8

Diethyl Ether
 Concen: 21.069 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN060929.D
 Acq: 14 Apr 2020 13:37

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.9	51.3	153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.310 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Instrument :

MSVOA_N

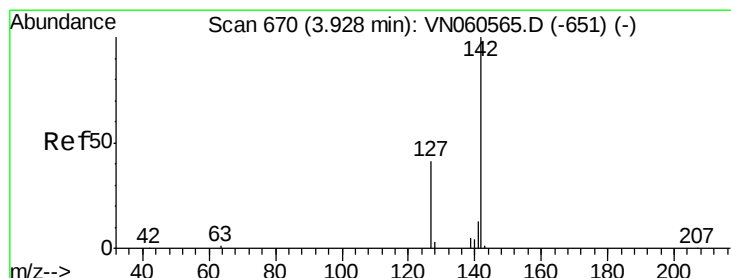
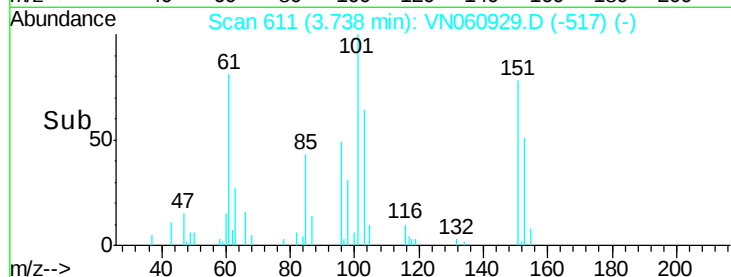
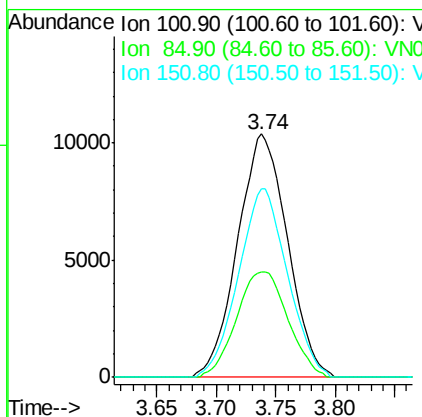
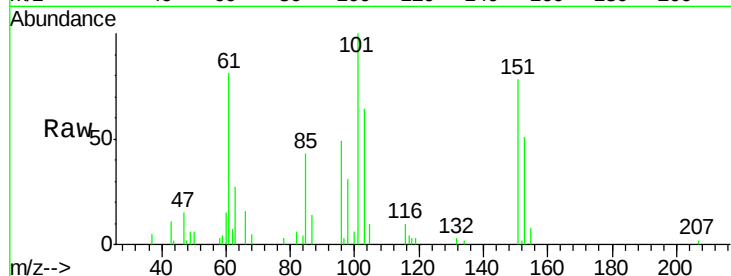
ClientSampleId :

VN0414WBSD01

Tot Ion:	101	Resp:	30122
Ion Ratio	Lower	Upper	
101	100		
85	44.6	35.6	53.4
151	76.1	61.4	92.2

Manual Integrations
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#10

Methyl Iodide

Concen: 18.100 ug/l

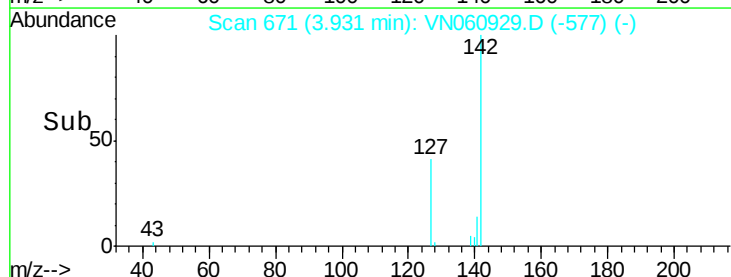
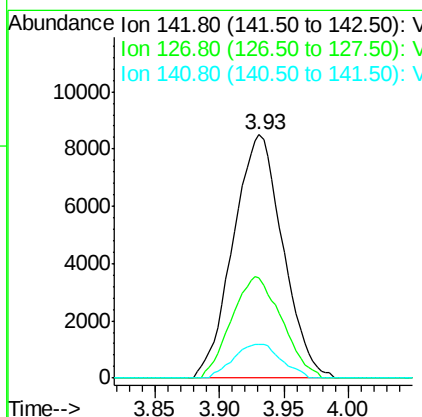
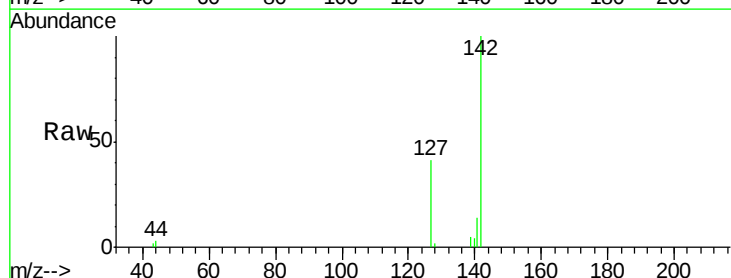
RT: 3.93 min Scan# 671

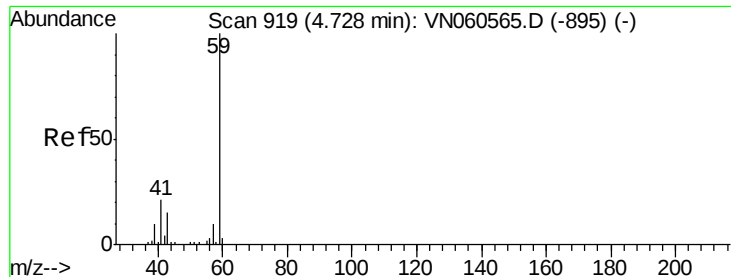
Delta R.T. 0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Tgt Ion:	142	Resp:	22766
Ion Ratio	Lower	Upper	
142	100		
127	42.2	33.5	50.3
141	13.4	11.0	16.6





#11

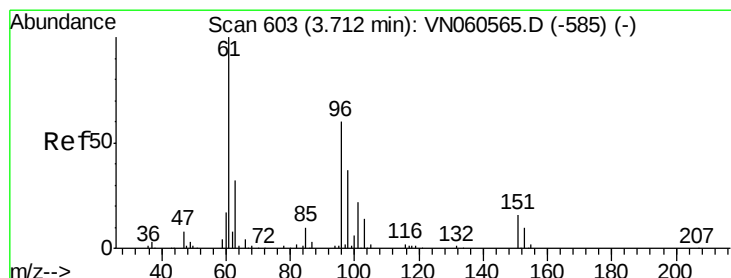
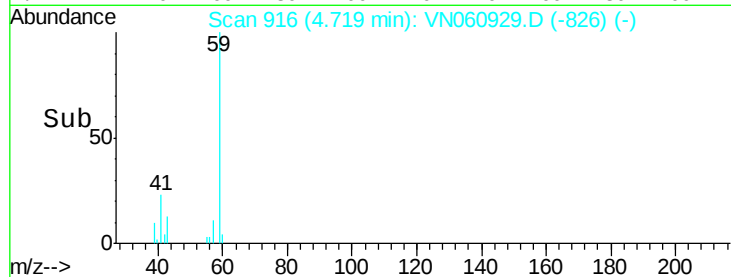
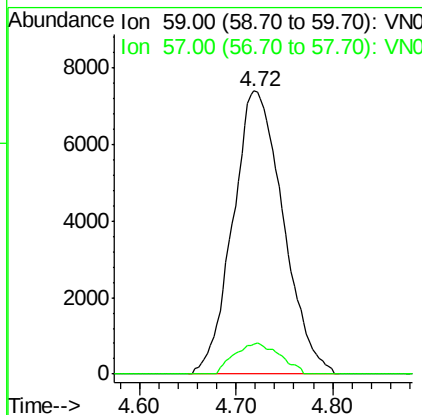
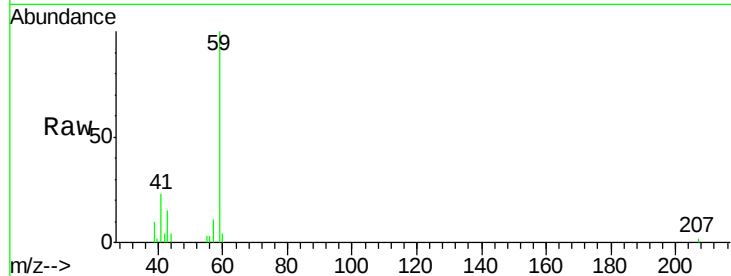
Tert butyl alcohol
Concen: 94.371 ug/l
RT: 4.72 min Scan# 916
Delta R.T. -0.01 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.2	12.4

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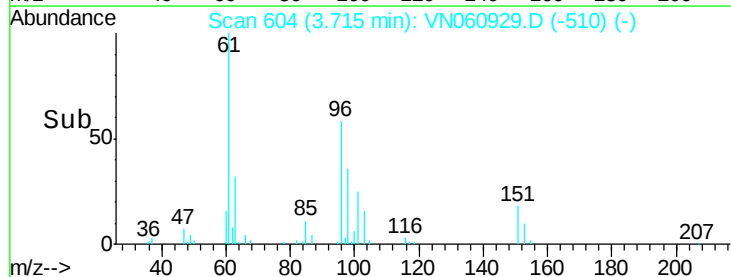
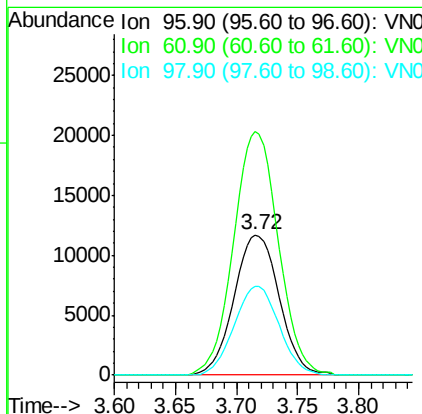
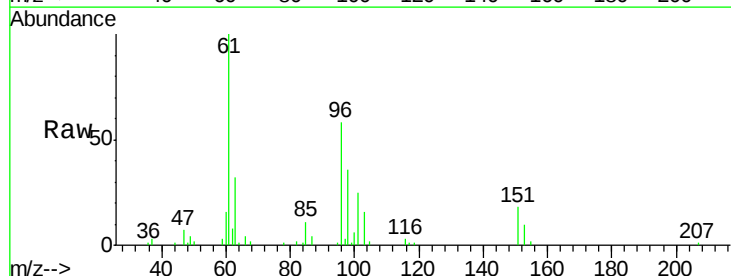
MMDadoda
4/15/2020 1:49:59 PM

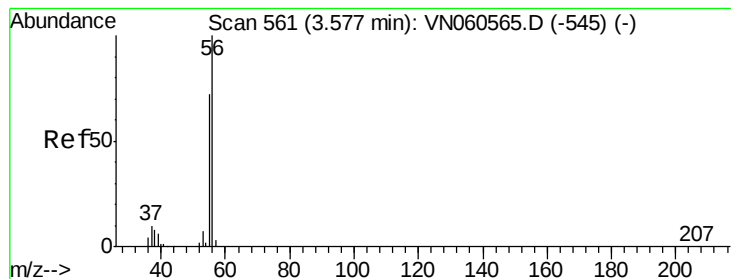


#12

1,1-Dichloroethene
Concen: 19.755 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

Tgt Ion	Ratio	Lower	Upper
96	100		
61	173.5	134.1	201.1
98	62.8	49.9	74.9





#13

Acrolein

Concen: 88.161 ug/l

RT: 3.58 min Scan# 561

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

Tot Ion: 56 Resp: 27637

Ion Ratio Lower Upper

56 100

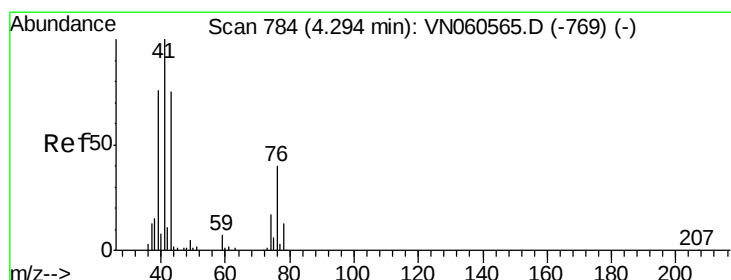
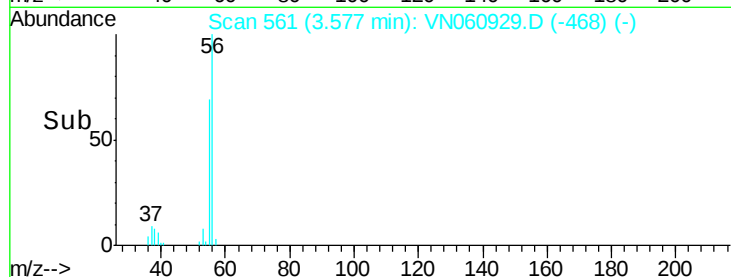
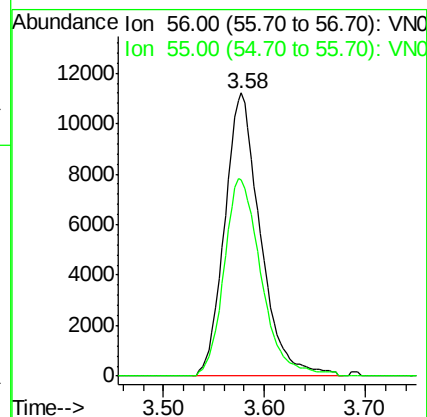
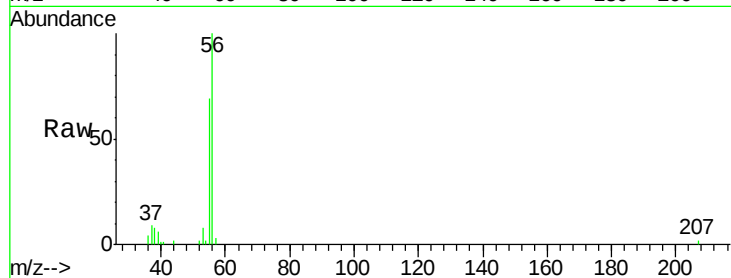
55 72.2 56.7 85.1

Manual Integrations

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#14

Allyl chloride

Concen: 21.717 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

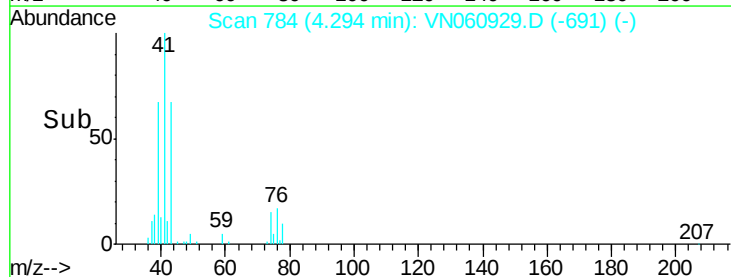
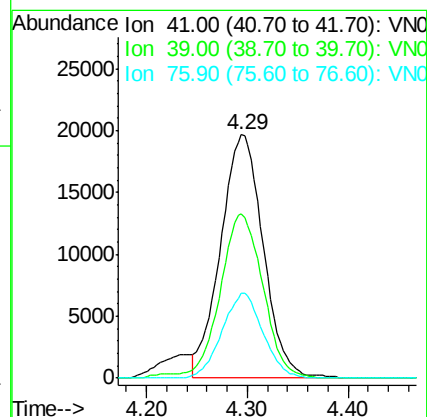
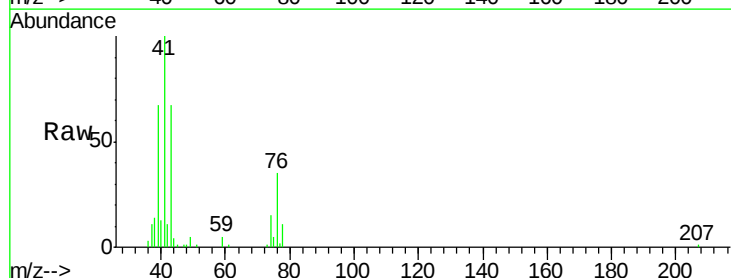
Tgt Ion: 41 Resp: 57938

Ion Ratio Lower Upper

41 100

39 68.0 57.8 86.8

76 33.3 28.6 43.0





#15

Acrylonitrile

Concen: 106.883 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Instrument :

MSVOA_N

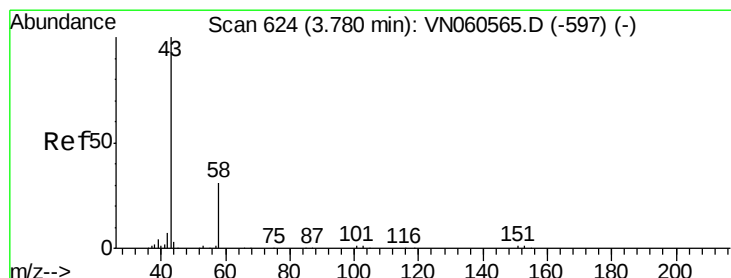
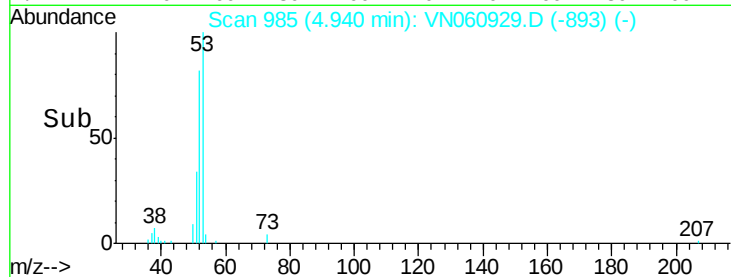
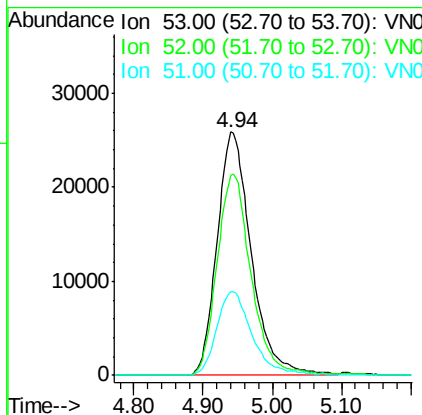
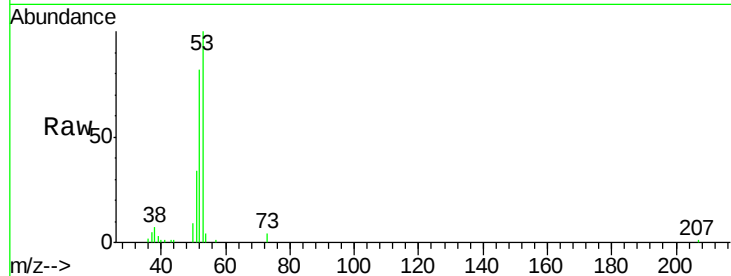
ClientSampleId :

VN0414WBSD01

Tot Ion:	53	Resp:	88900
Ion	Ratio	Lower	Upper
53	100		
52	81.8	66.2	99.4
51	35.3	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 126.347 ug/l

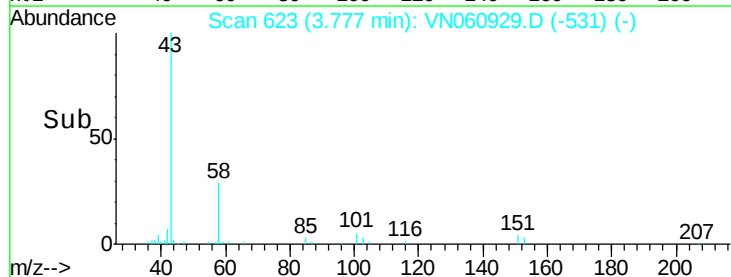
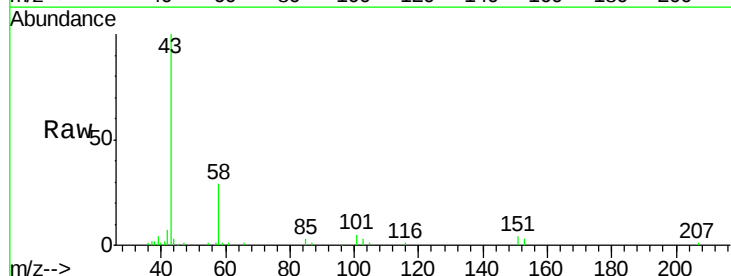
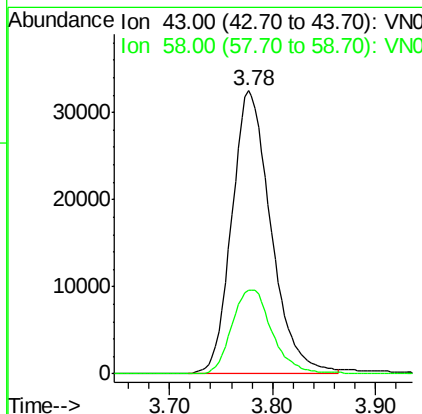
RT: 3.78 min Scan# 623

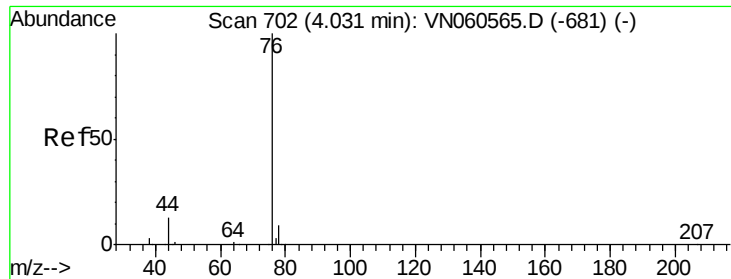
Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Tgt Ion:	43	Resp:	86075
Ion	Ratio	Lower	Upper
43	100		
58	29.5	25.1	37.7





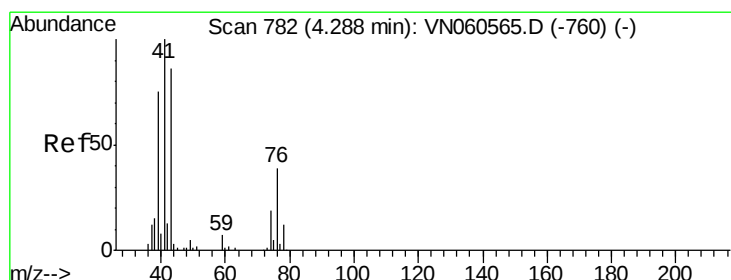
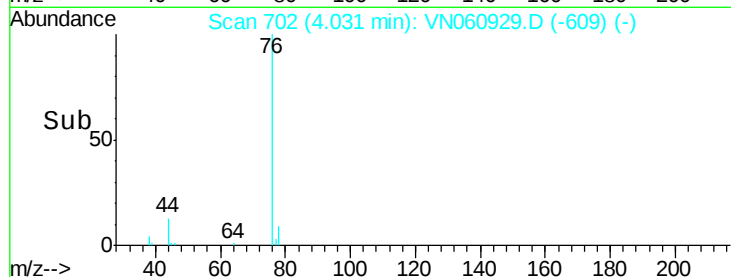
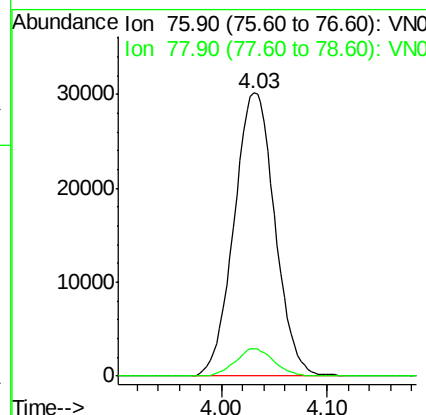
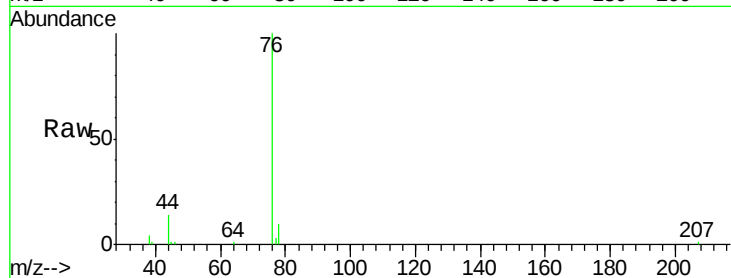
#17
Carbon Disulfide
Concen: 17.544 ug/l
RT: 4.03 min Scan# 702
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.9	7.2	10.8

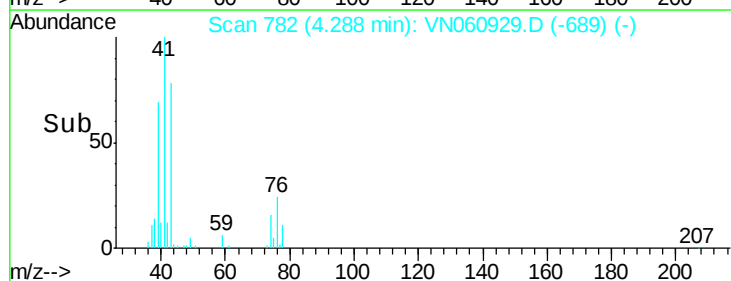
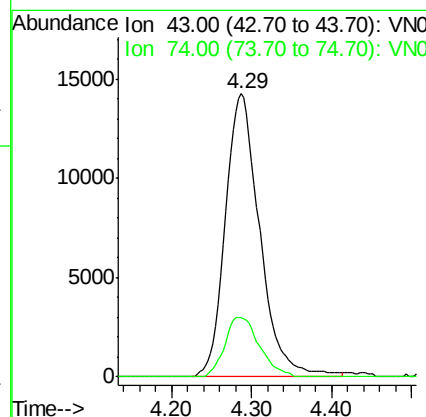
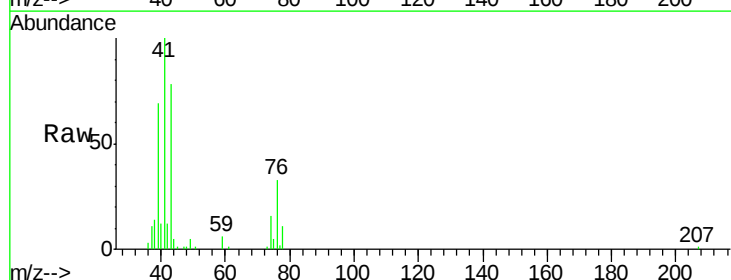
Manual Integrations
APPROVED

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4/15/2020 1:49:59 PM



#18
Methyl Acetate
Concen: 21.978 ug/l
RT: 4.29 min Scan# 782
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.1	17.5	26.3





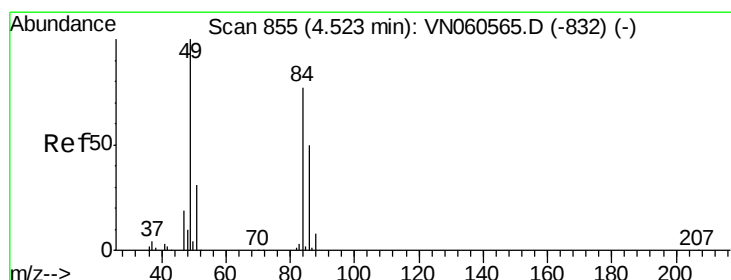
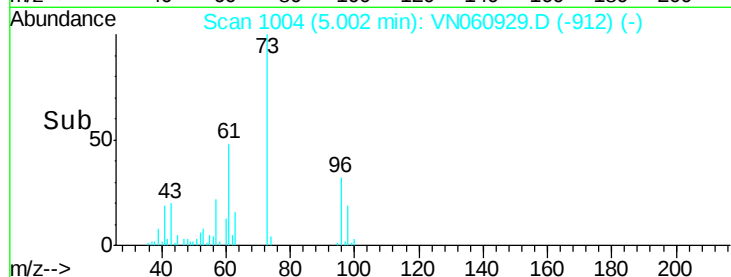
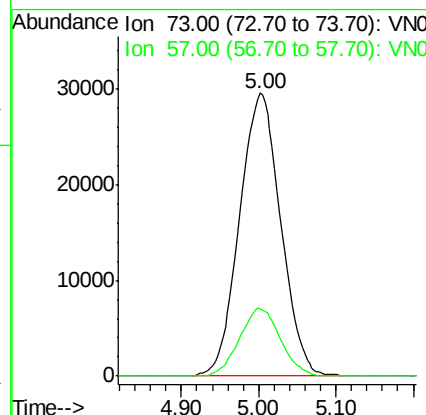
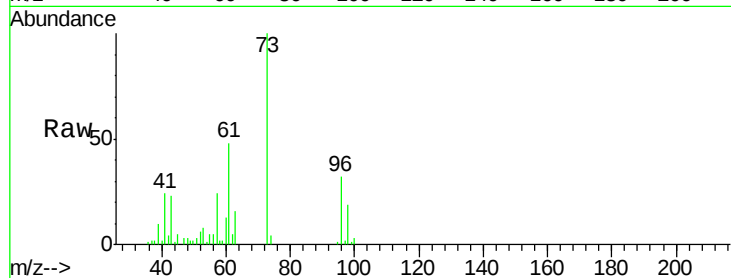
#19
Methvl tert-butvl Ether
Concen: 21.010 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

Tot Ion: 73 Resp: 109569
Ion Ratio Lower Upper
73 100
57 23.9 17.5 26.3

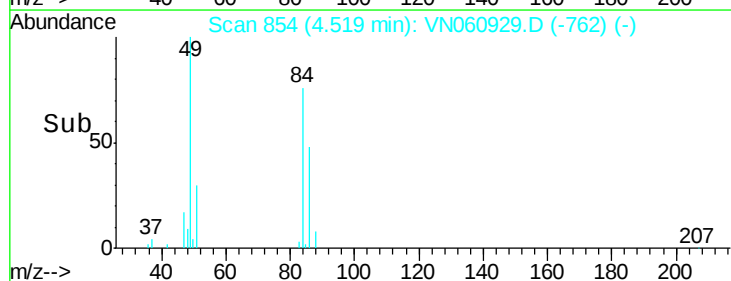
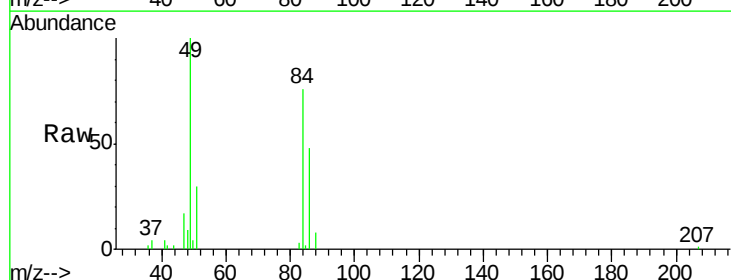
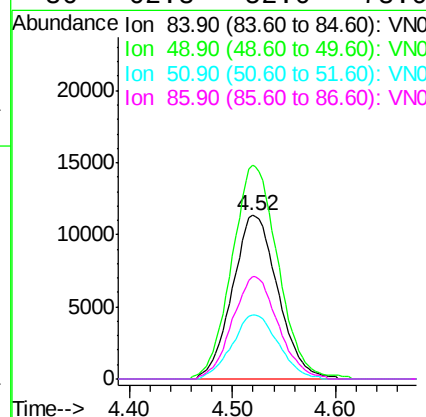
Manual Integrations
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4/15/2020 1:49:59 PM



#20
Methylene Chloride
Concen: 20.774 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

Tgt Ion: 84 Resp: 34814
Ion Ratio Lower Upper
84 100
49 129.4 103.3 154.9
51 39.1 31.6 47.4
86 62.8 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 19.870 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Instrument :

MSVOA_N

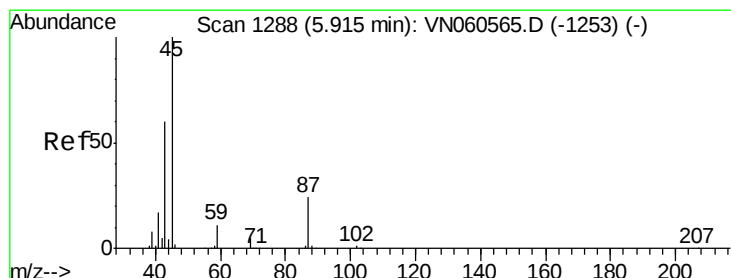
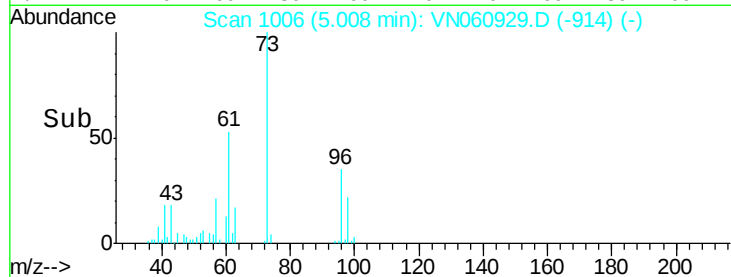
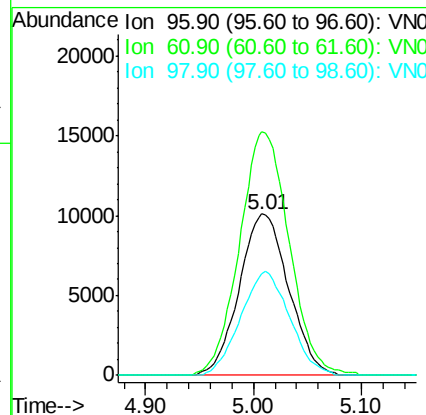
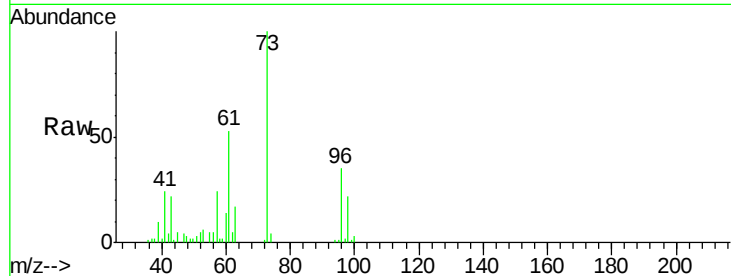
ClientSampleId :

VN0414WBSD01

Tot Ion:	96	Resp:	32122
Ion	Ratio	Lower	Upper
96	100		
61	151.1	114.4	171.6
98	63.2	48.4	72.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 22.826 ug/l

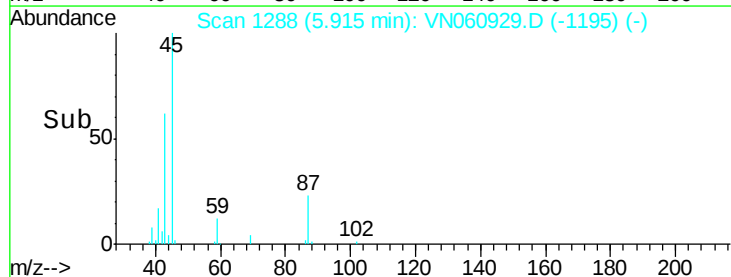
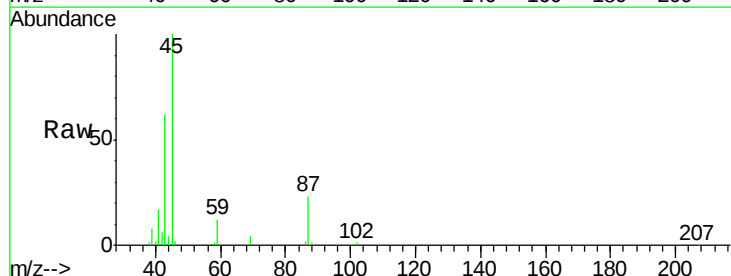
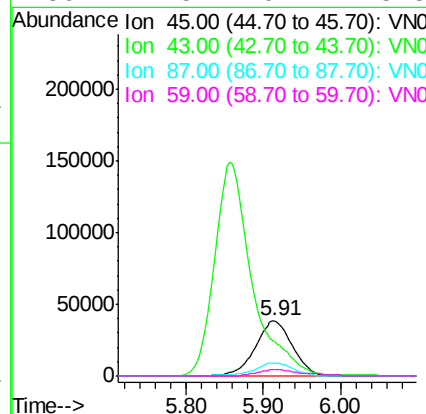
RT: 5.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Tgt Ion:	45	Resp:	128655
Ion	Ratio	Lower	Upper
45	100		
43	60.3	49.8	74.8
87	23.4	20.1	30.1
59	11.5	9.2	13.8





#23

Vinyl Acetate

Concen: 110.259 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

Tot Ion: 43 Resp: 507055

Ion Ratio Lower Upper

43 100

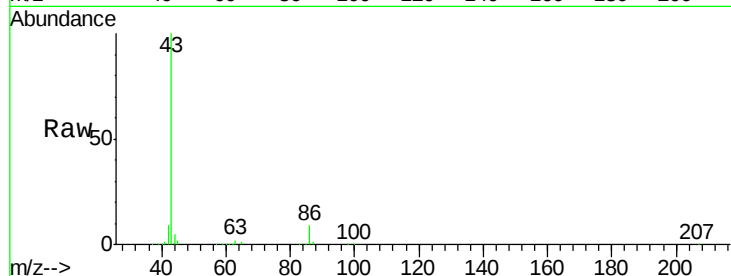
86 9.0 7.6 11.4

Manual Integrations

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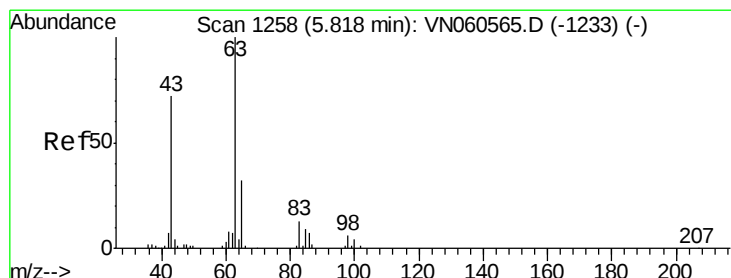
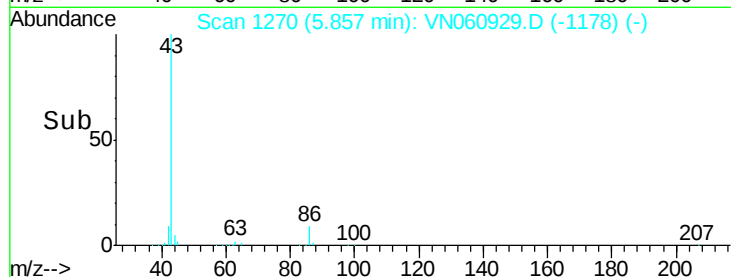
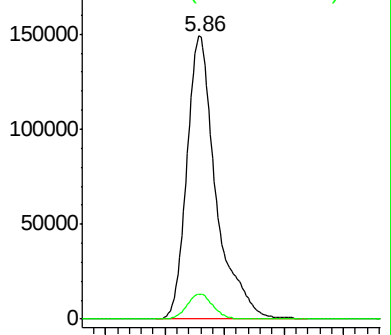
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 21.802 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

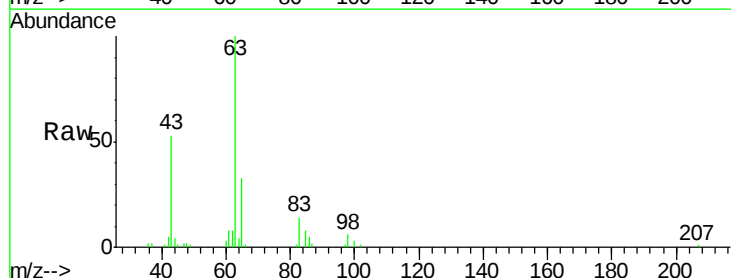
Tgt Ion: 63 Resp: 66990

Ion Ratio Lower Upper

63 100

98 6.2 2.9 8.7

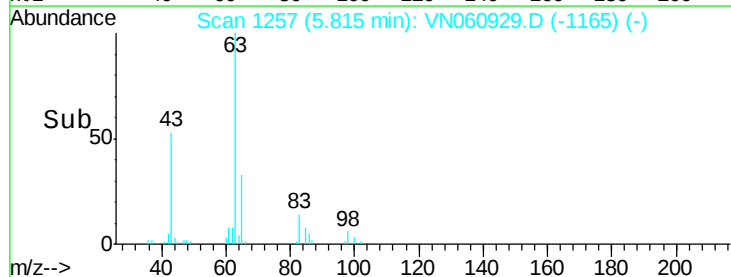
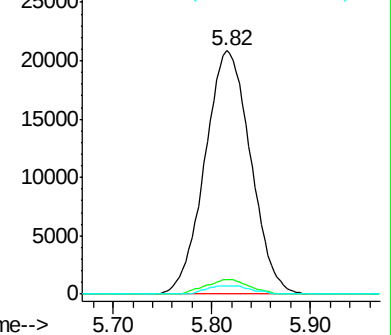
100 3.3 1.8 5.5



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: 109.754 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

Tot Ion: 43 Resp: 120993

Ion Ratio Lower Upper

43 100

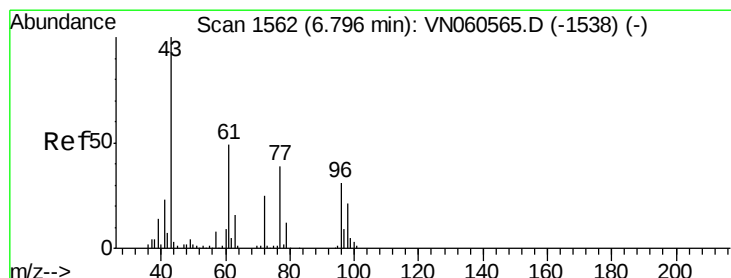
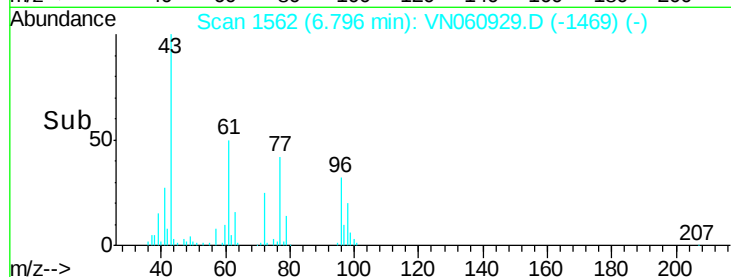
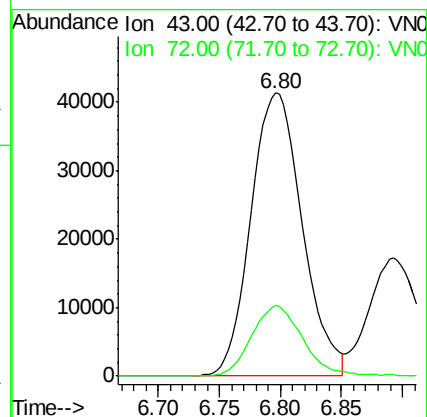
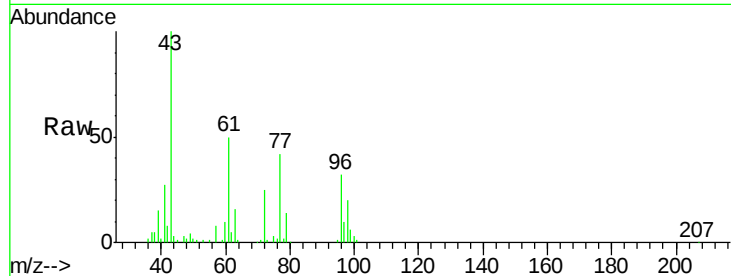
72 24.9 20.4 30.6

Manual Integrations

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MMDadoda

4/15/2020 1:49:59 PM



#26

2,2-Dichloropropane

Concen: 23.648 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN060929.D

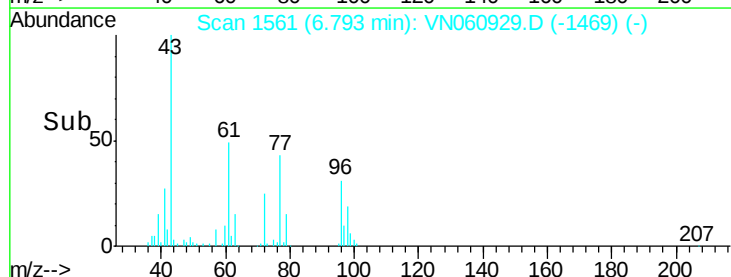
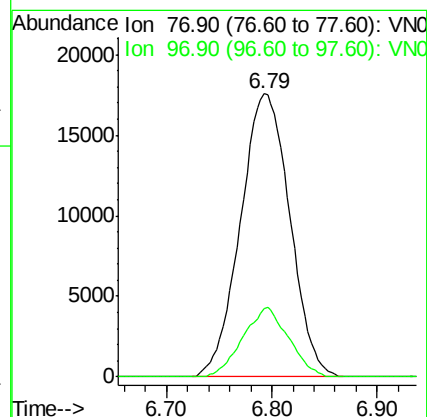
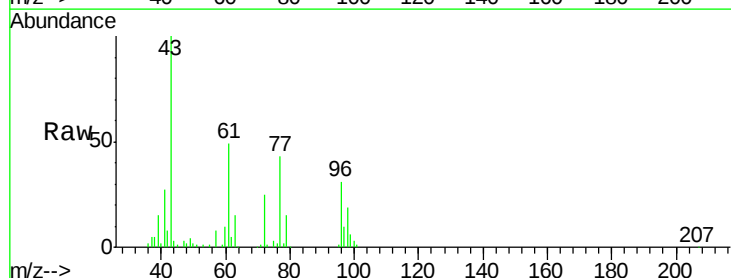
Acq: 14 Apr 2020 13:37

Tgt Ion: 77 Resp: 57170

Ion Ratio Lower Upper

77 100

97 22.7 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 20.833 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Instrument :

MSVOA_N

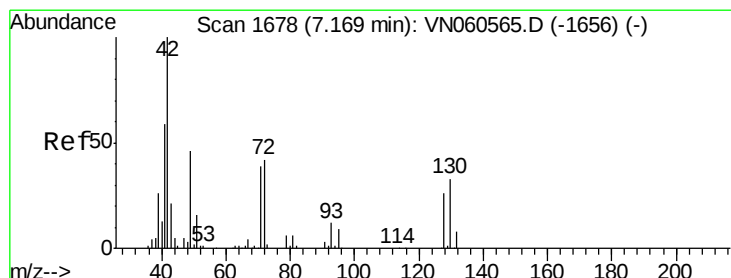
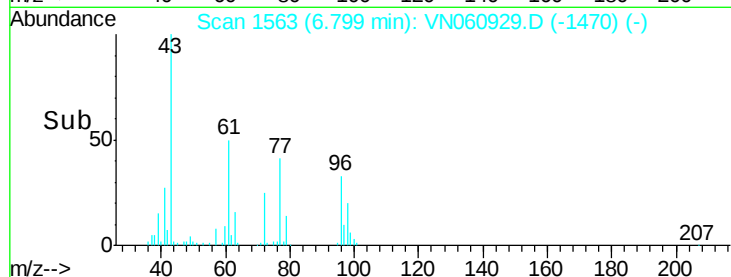
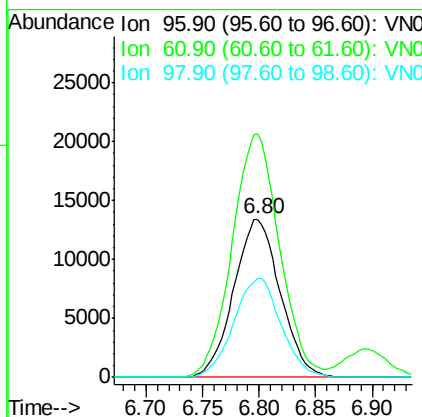
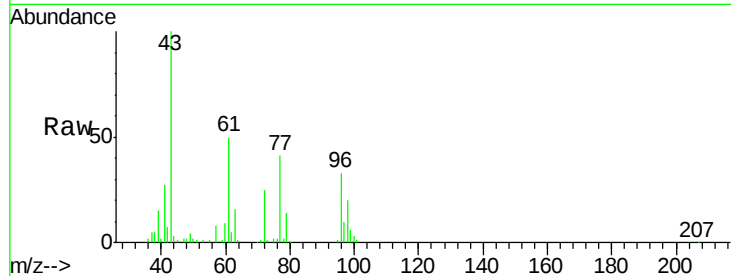
ClientSampleId :

VN0414WBSD01

Tot Ion:	96	Resp:	38273
Ion	Ratio	Lower	Upper
96	100		
61	157.4	0.0	305.6
98	63.6	0.0	127.6

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#28

Bromochloromethane

Concen: 19.246 ug/l

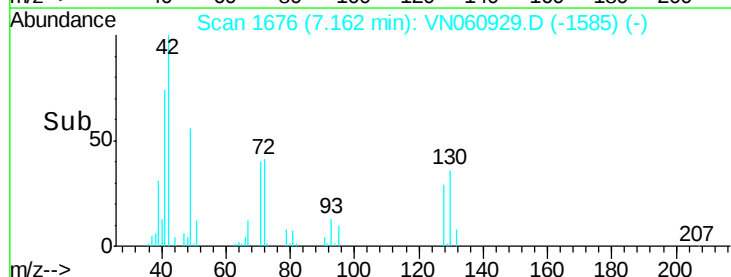
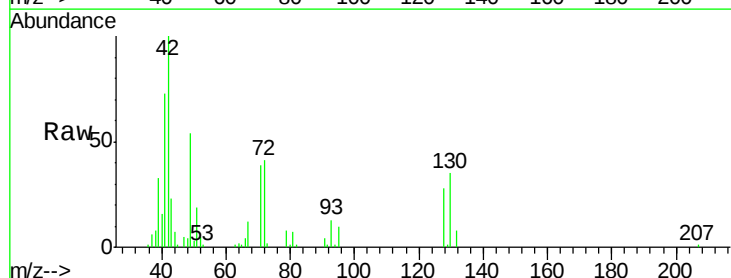
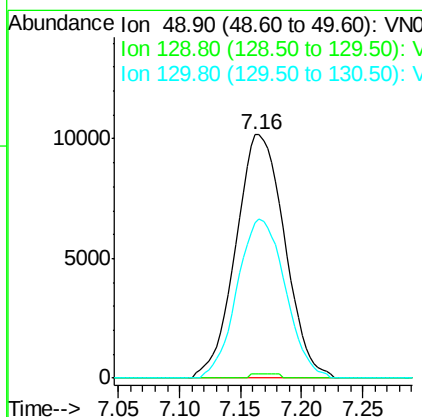
RT: 7.16 min Scan# 1676

Delta R.T. -0.01 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Tgt Ion:	49	Resp:	28293
Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	3.4
130	64.4	55.0	82.4





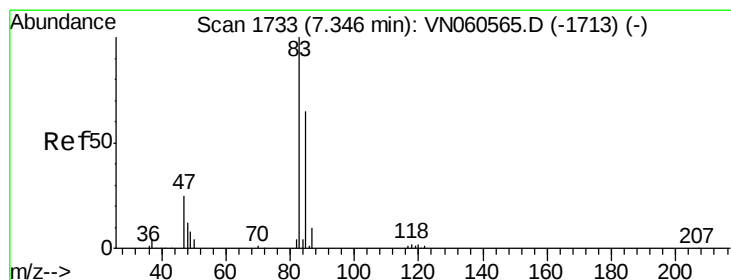
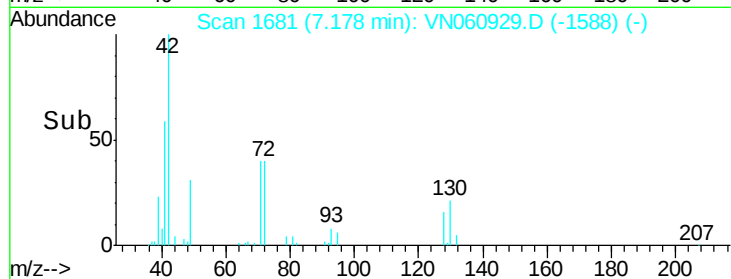
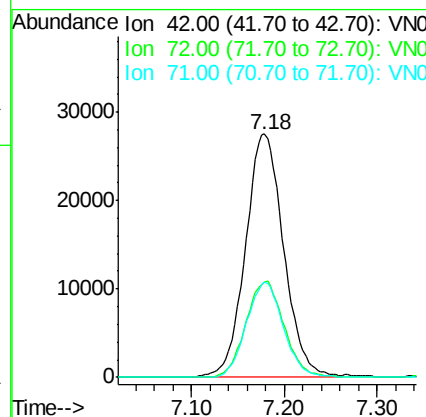
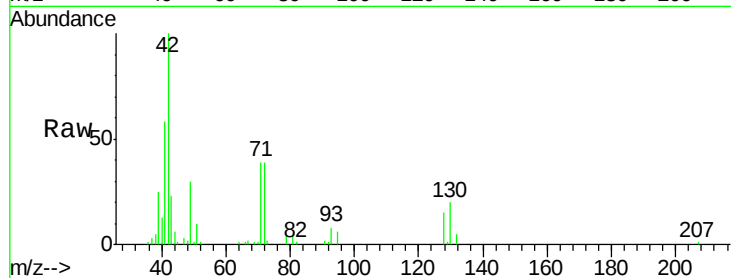
#29
Tetrahydrofuran
Concen: 100.944 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.5	33.2	49.8
71	37.8	31.1	46.7

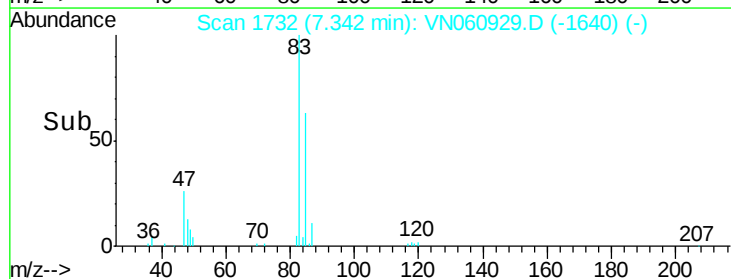
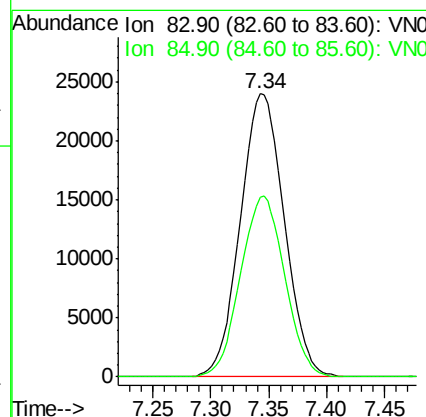
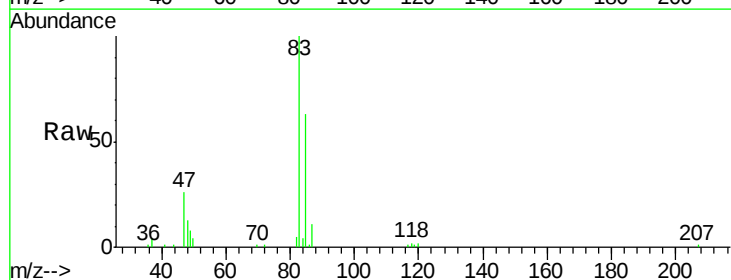
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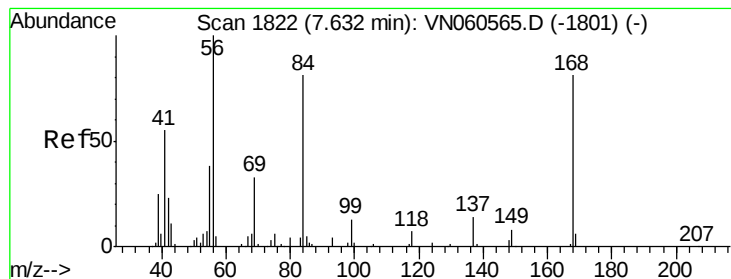
MMDadoda
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#30
Chloroform
Concen: 21.503 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	51.8	77.8





#31

Cyclohexane

Concen: 19.619 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Instrument :

MSVOA_N

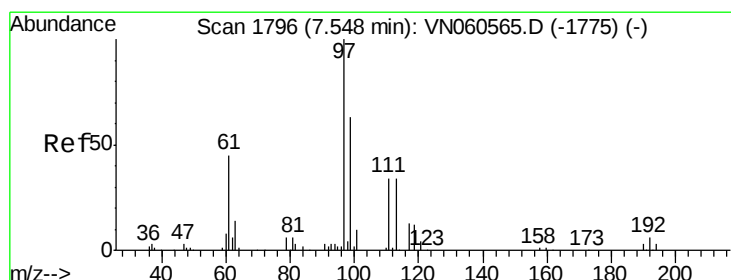
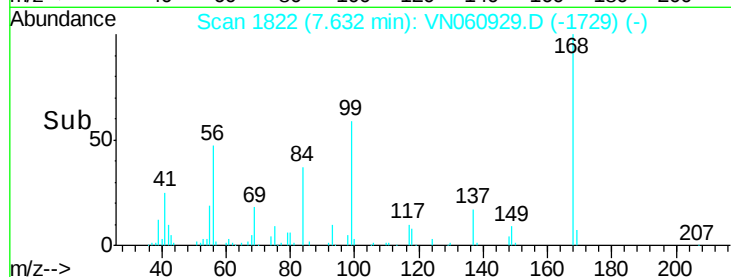
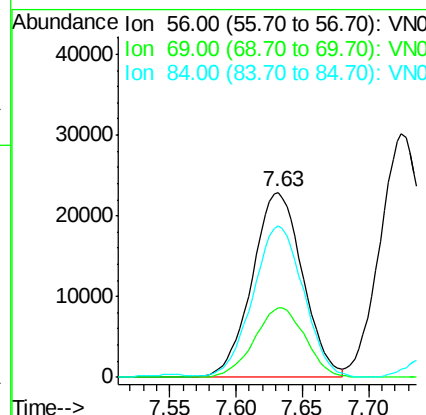
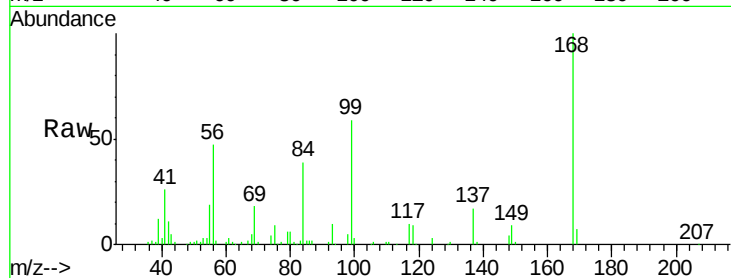
ClientSampleId :

VN0414WBSD01

Tot Ion:	56	Resp:	60773
Ion	Ratio	Lower	Upper
56	100		
69	37.6	26.6	40.0
84	81.2	64.3	96.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.814 ug/l

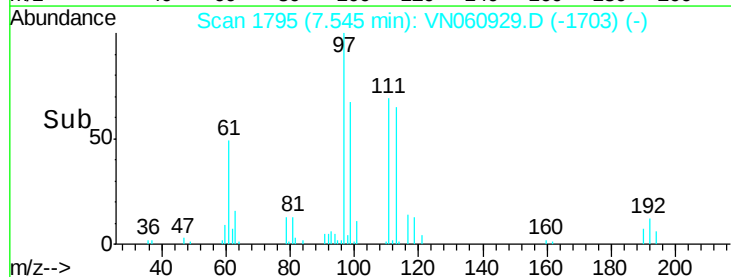
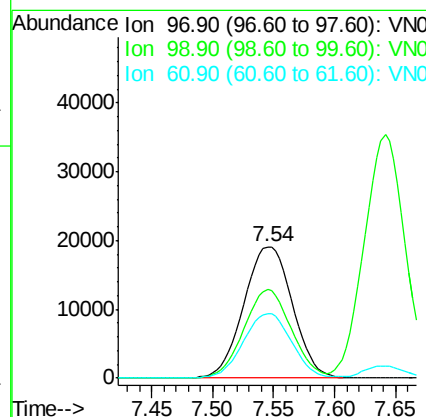
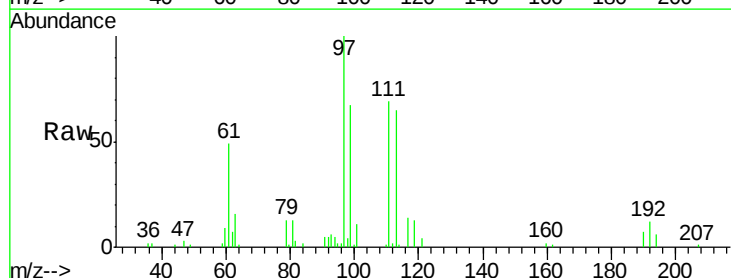
RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Tgt Ion:	97	Resp:	52854
Ion	Ratio	Lower	Upper
97	100		
99	65.5	50.6	75.8
61	48.7	36.2	54.4





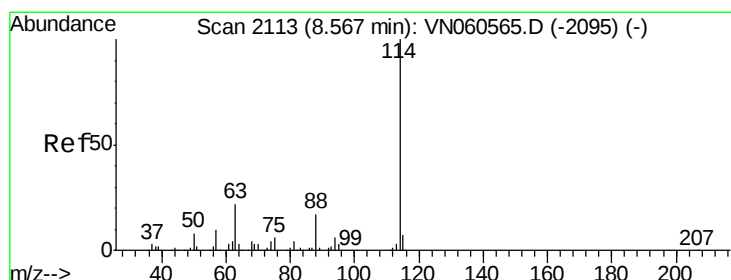
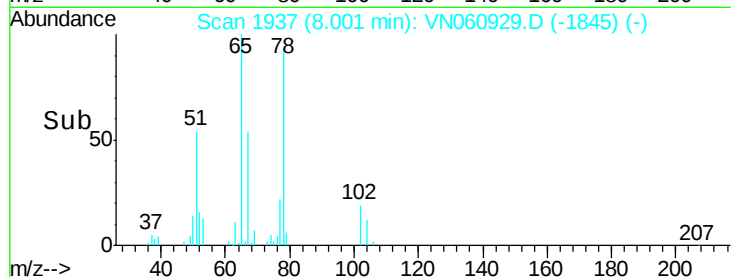
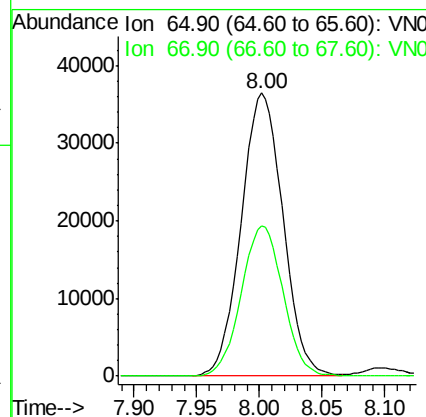
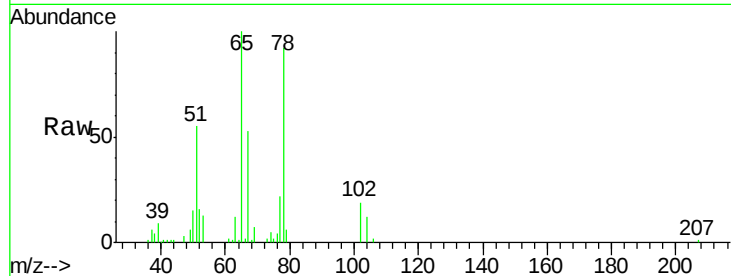
#33
 1,2-Dichloroethane-d4
 Concen: 43.972 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060929.D
 Acq: 14 Apr 2020 13:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.0	0.0	107.6	

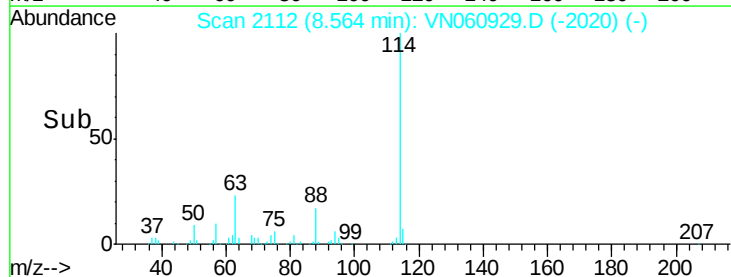
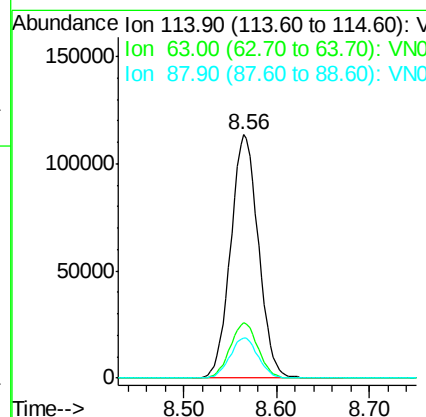
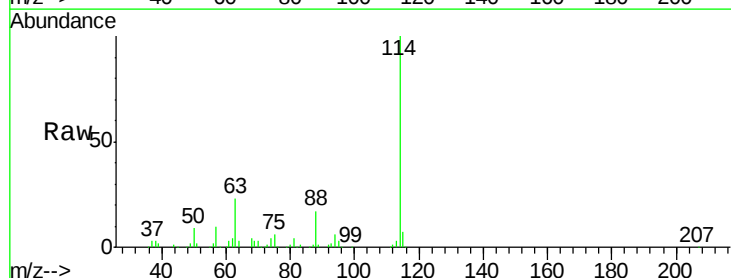
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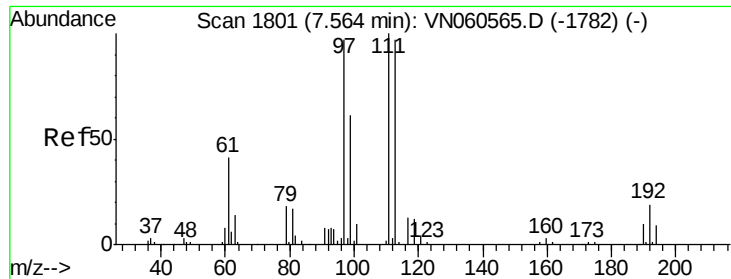
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060929.D
 Acq: 14 Apr 2020 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	22.6	0.0	43.8	
88	16.7	0.0	33.0	





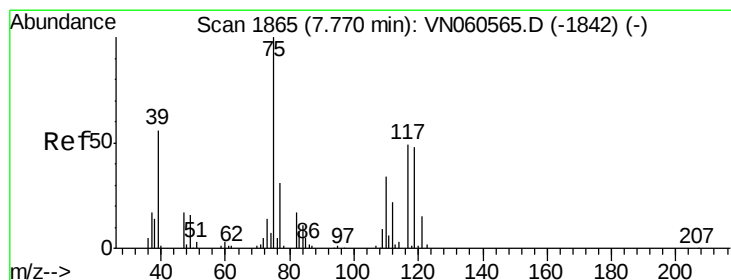
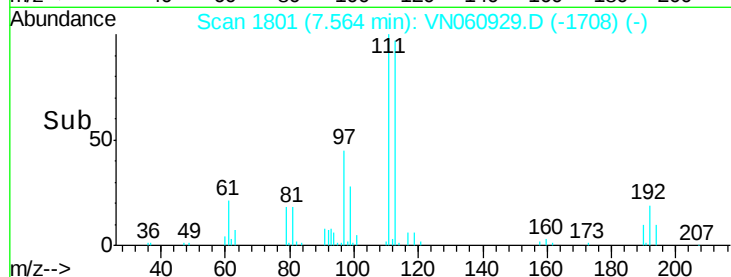
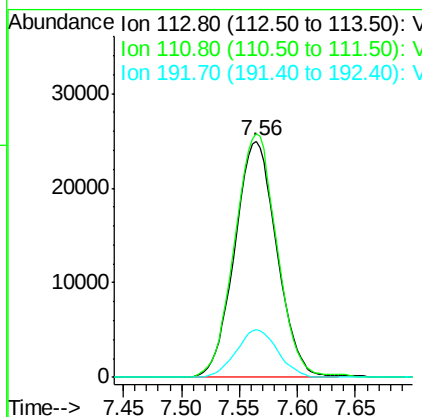
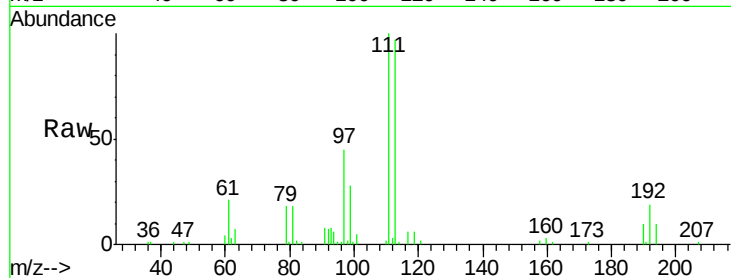
#35
 Dibromofluoromethane
 Concen: 44.180 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060929.D
 Acq: 14 Apr 2020 13:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.9	124.3
192	19.9	15.8	23.8

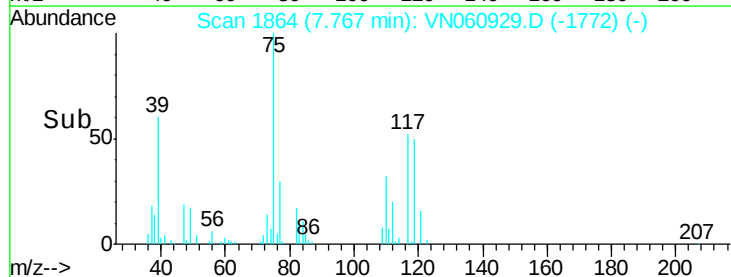
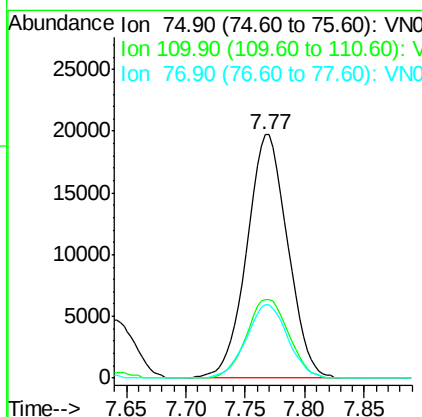
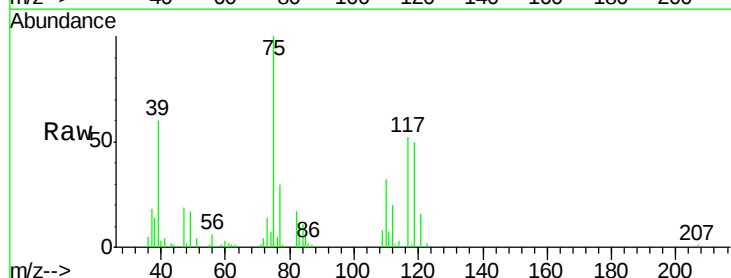
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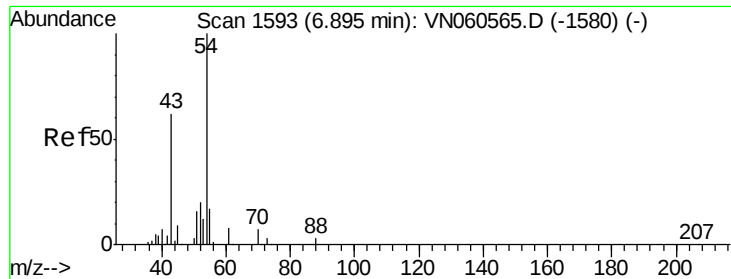
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#36
 1,1-Dichloropropene
 Concen: 20.640 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN060929.D
 Acq: 14 Apr 2020 13:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.2	16.9	50.6
77	30.6	24.6	36.8





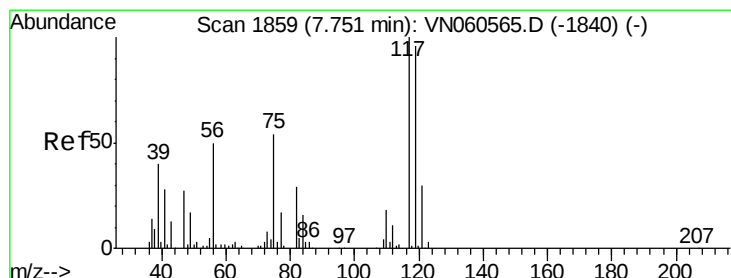
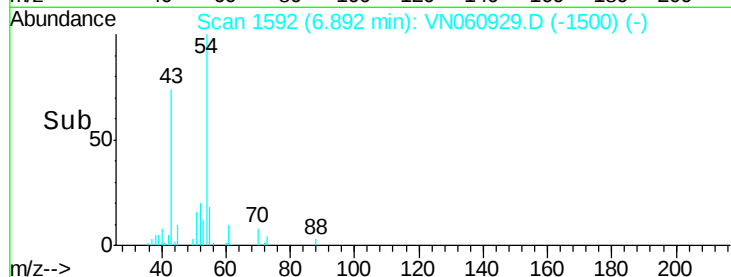
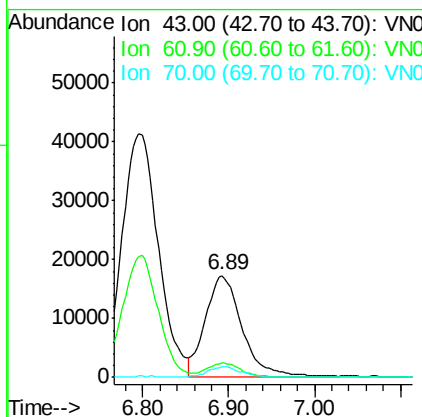
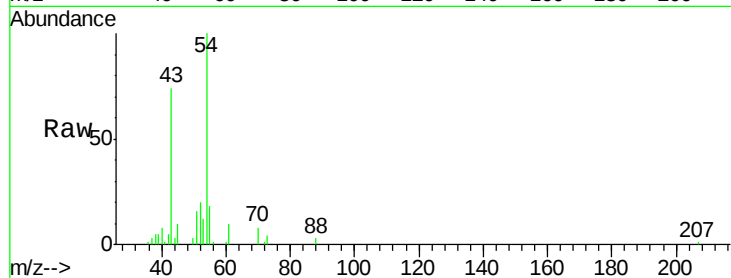
#37
Ethyl Acetate
Concen: 20.698 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

Instrument :
MSVOA_N
ClientSampled :
VN0414WBSD01

Tot Ion	43	Resp	50953
Ion Ratio	100	Lower	Upper
43	100		
61	13.0	10.6	15.8
70	9.3	7.9	11.9

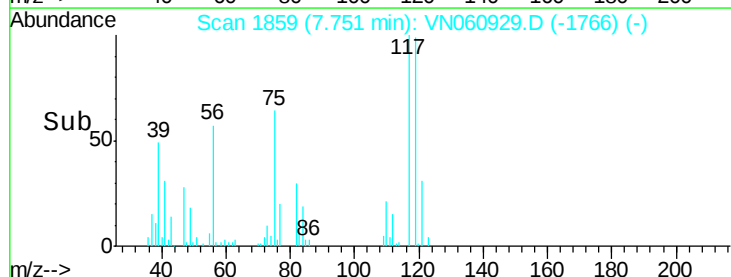
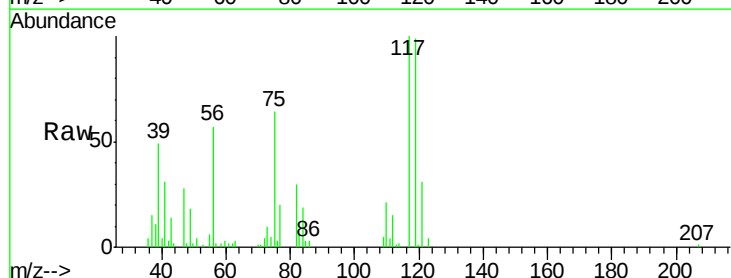
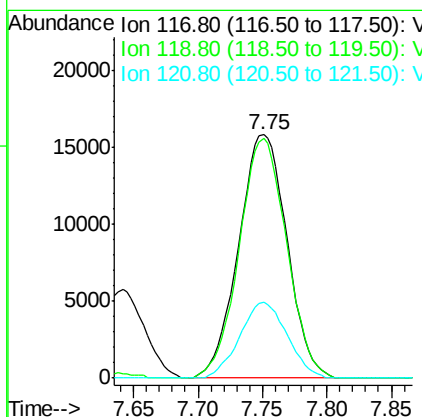
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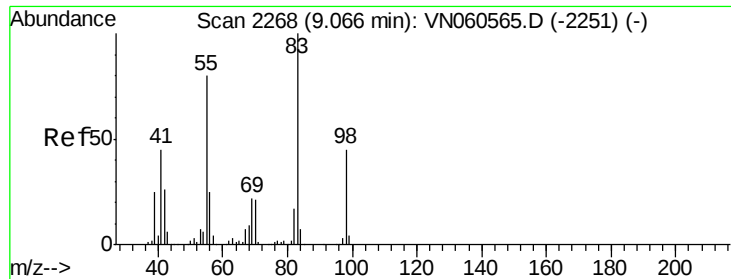
MMDadoda
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#38
Carbon Tetrachloride
Concen: 20.273 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

Tgt Ion	117	Resp	41396
Ion Ratio	100	Lower	Upper
117	100		
119	98.7	76.2	114.2
121	31.0	23.7	35.5





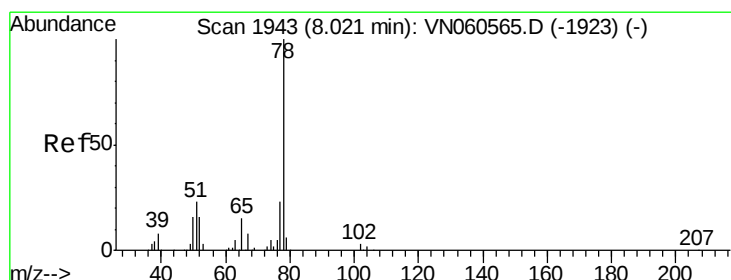
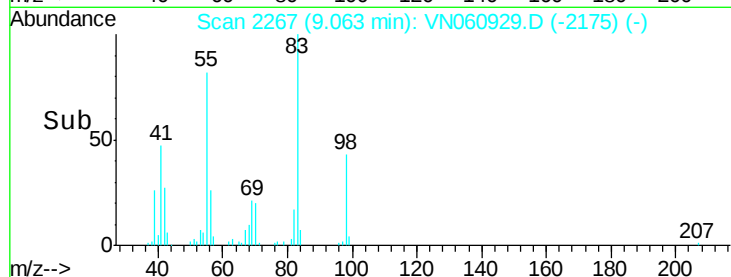
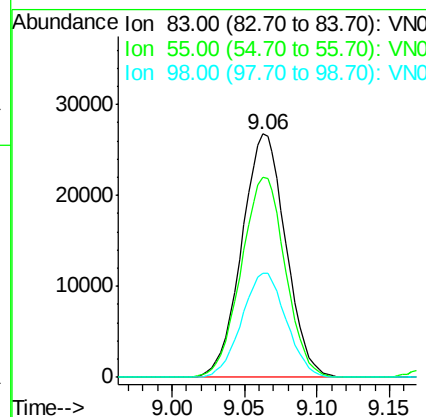
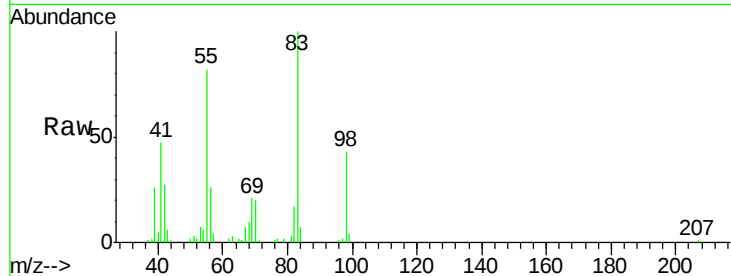
#39
Methvlcvclohexane
Concen: 20.846 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	56440		
55	82.1	63.6	95.4	
98	42.9	36.0	54.0	

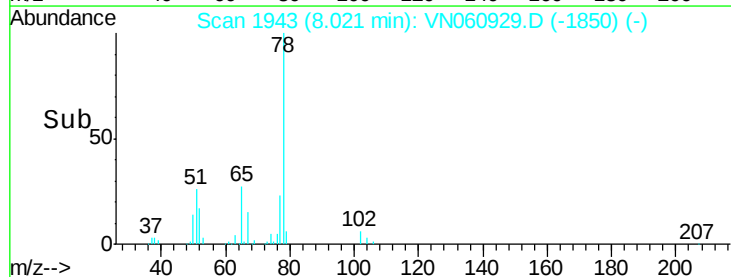
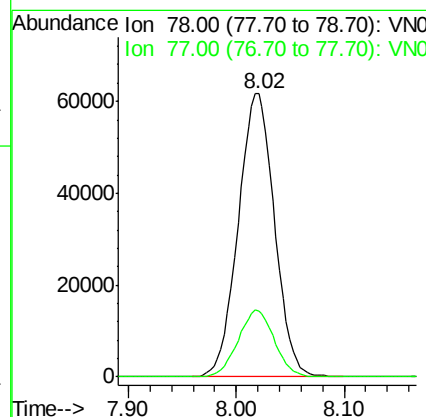
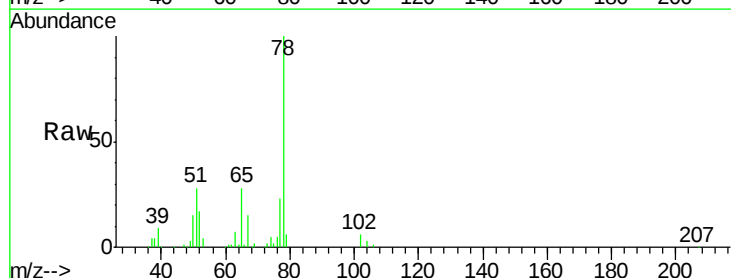
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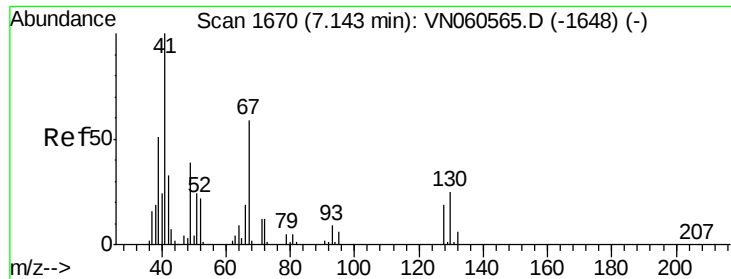
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#40
Benzene
Concen: 20.974 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	144249		
77	23.4	18.6	28.0	





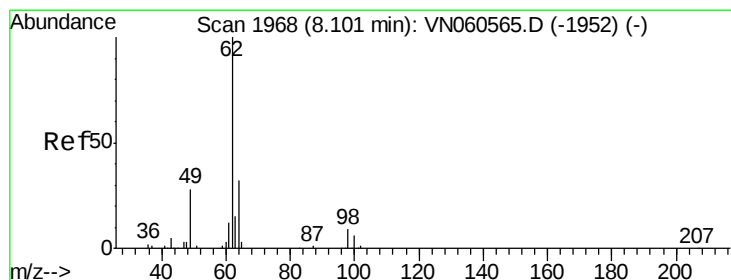
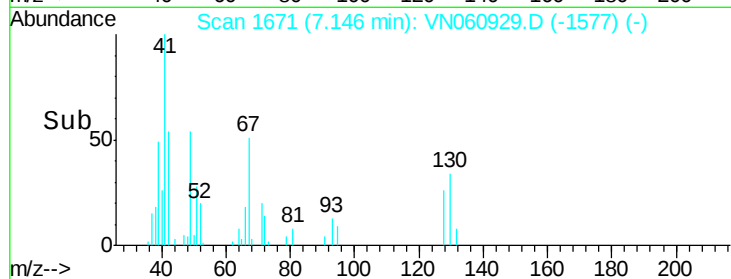
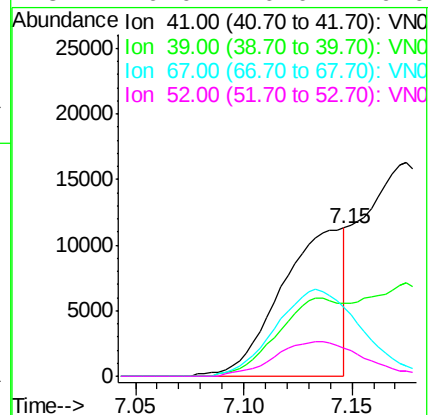
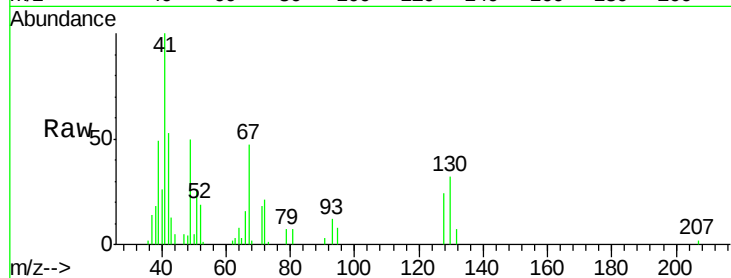
#41
Methacrylonitrile
Concen: 21.858 ug/l m
RT: 7.15 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		22964		
39	0.0	0.0	0.0		
67	0.0	0.0	0.0		
52	0.0	0.0	0.0		

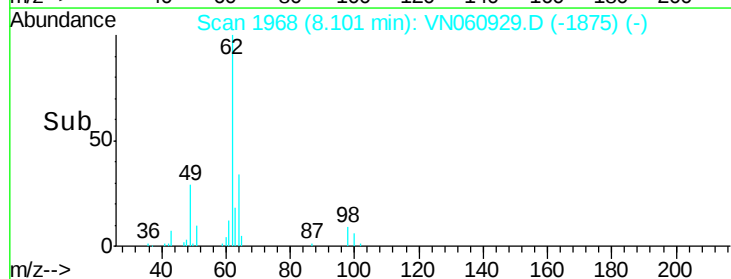
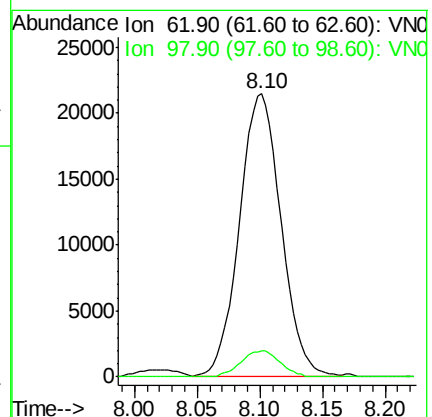
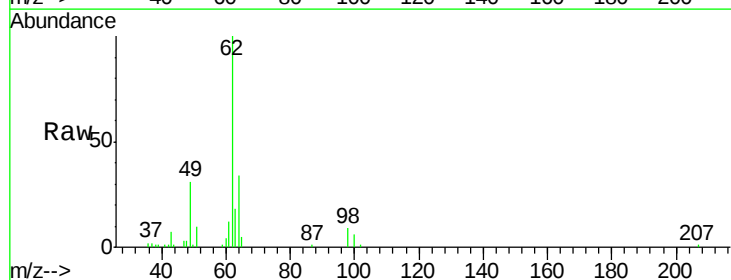
Manual Integrations
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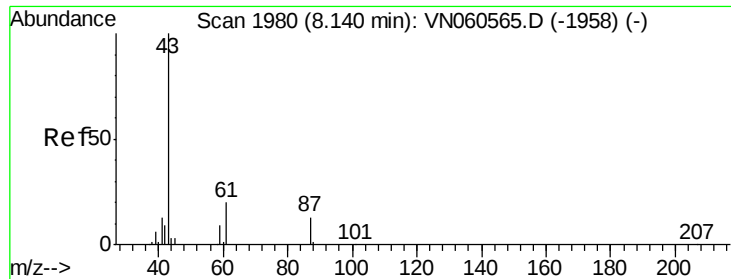
MMDadoda
4/15/2020 1:49:59 PM



#42
1,2-Dichloroethane
Concen: 21.166 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		49750		
98	8.7	0.0	17.8		





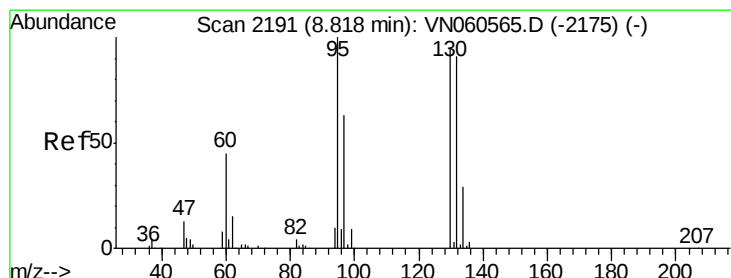
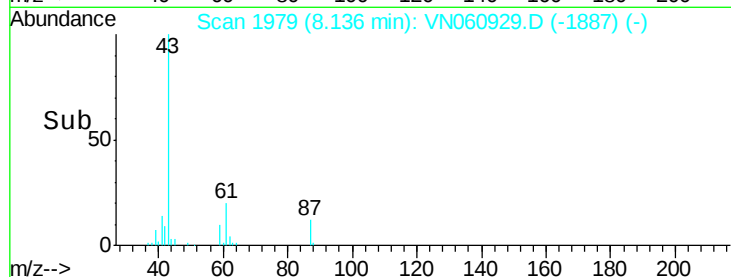
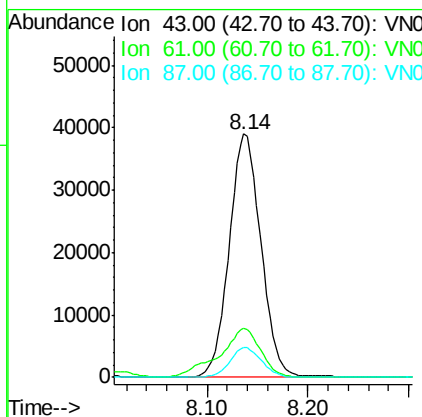
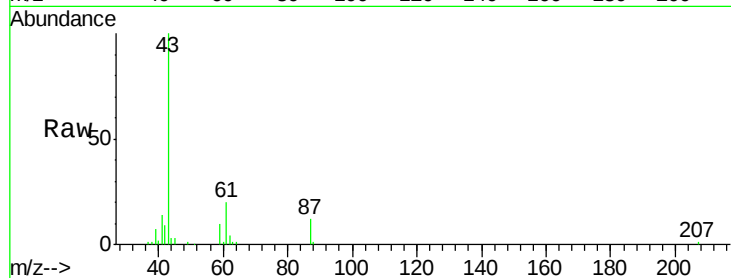
#43
Isopropyl Acetate
Concen: 21.063 ug/l
RT: 8.14 min Scan# 1979
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	26.1	20.7	31.1
87	12.0	9.8	14.8

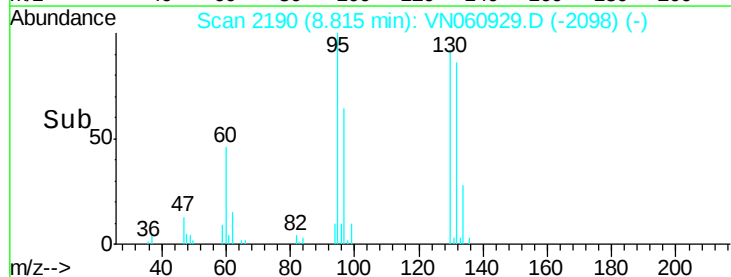
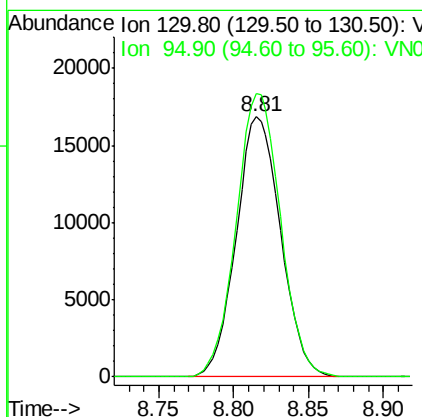
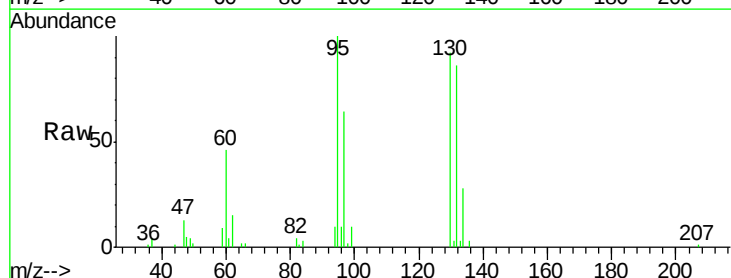
Manual Integrations
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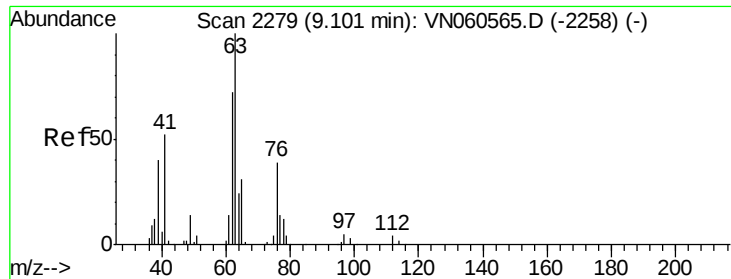
MMDadoda
4/15/2020 1:49:59 PM



#44
Trichloroethene
Concen: 20.115 ug/l
RT: 8.81 min Scan# 2190
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	108.8	0.0	211.2





#45

1,2-Dichloropropane

Concen: 22.533 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

Tot Ion: 63 Resp: 40892

Ion Ratio Lower Upper

63 100

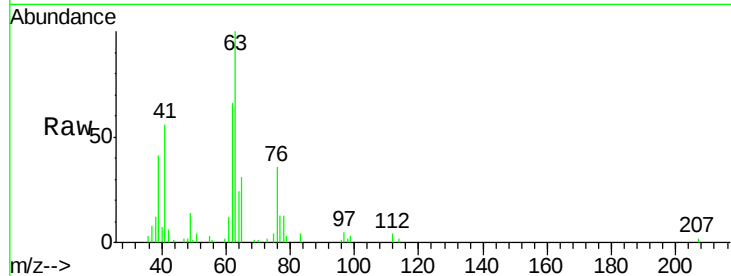
65 30.6 25.4 38.0

Manual Integrations

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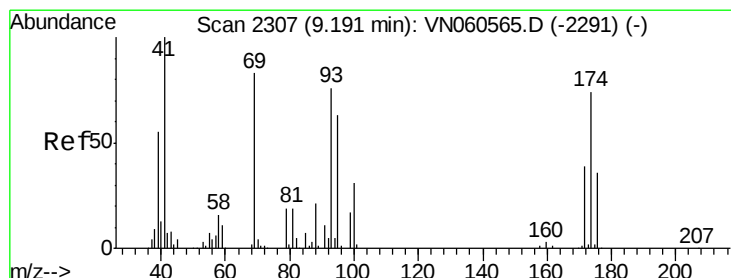
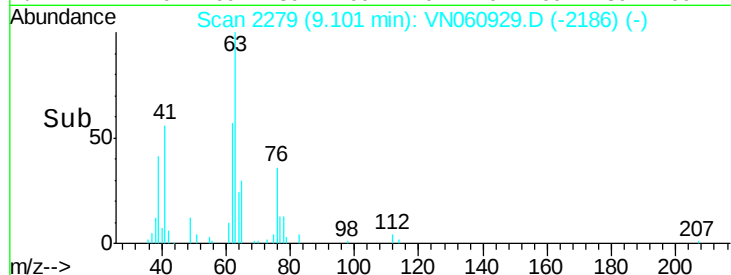
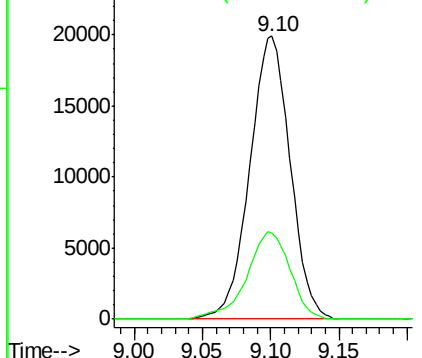
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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 21.173 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

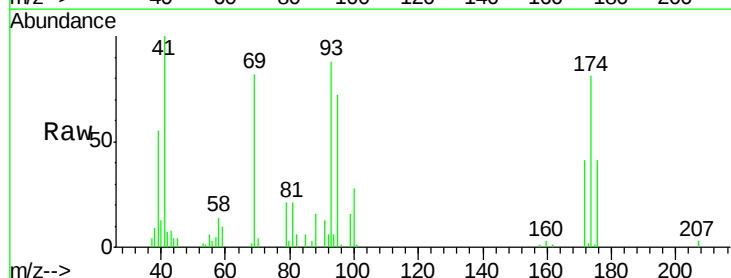
Tgt Ion: 93 Resp: 23230

Ion Ratio Lower Upper

93 100

95 83.0 66.2 99.4

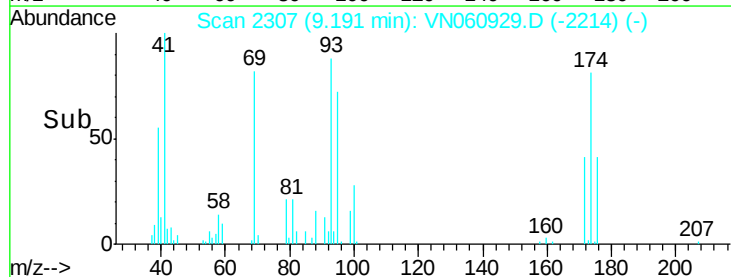
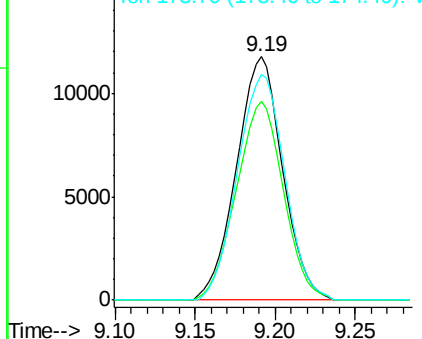
174 95.1 77.9 116.9



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 21.722 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Instrument :

MSVOA_N

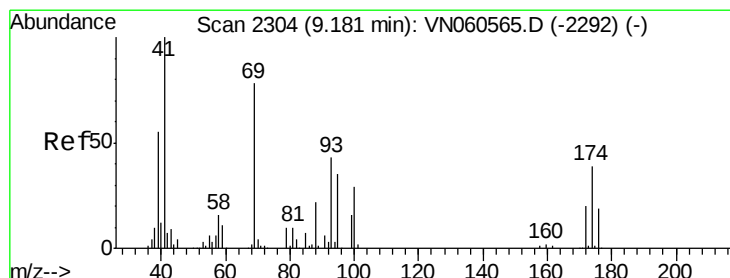
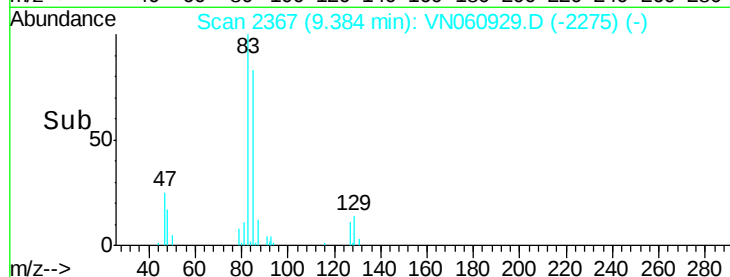
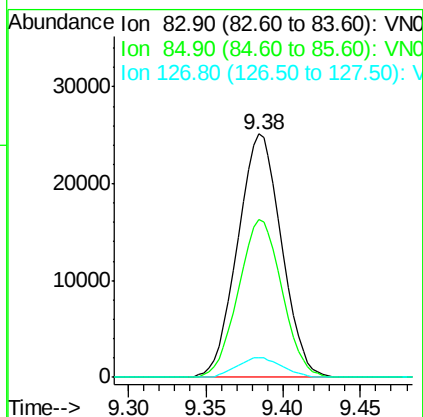
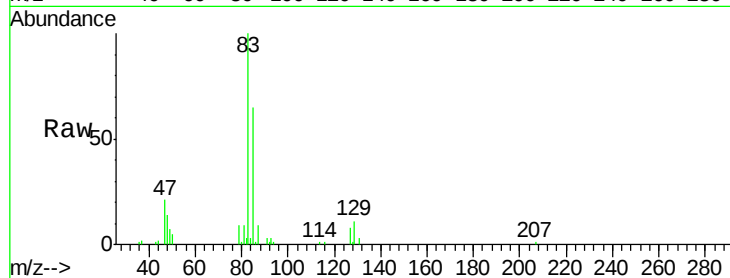
ClientSampleId :

VN0414WBSD01

Tot Ion:	83	Resp:	49523
Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.8	77.6
127	8.2	6.5	9.7

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#48

Methyl methacrylate

Concen: 20.277 ug/l

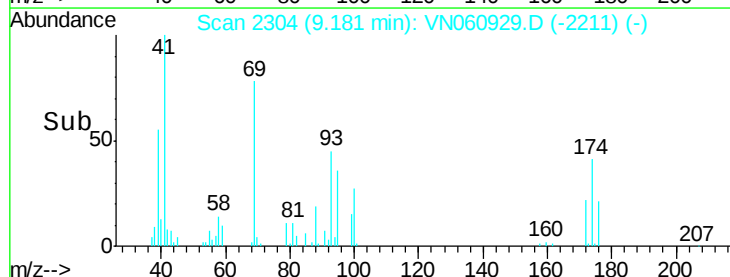
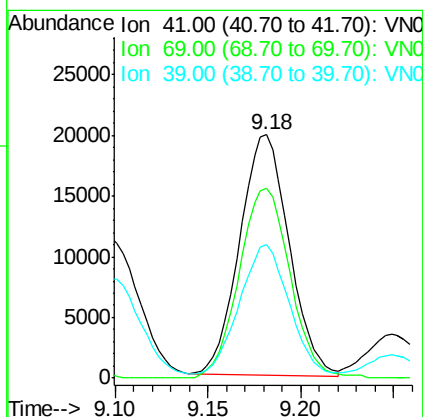
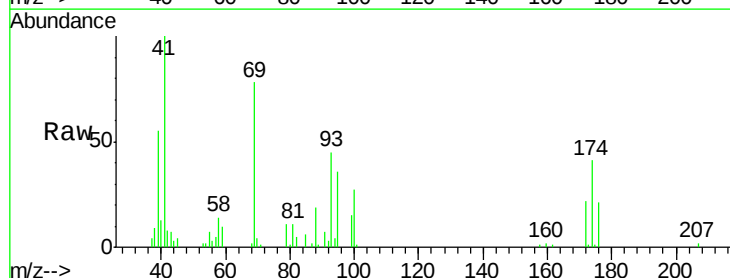
RT: 9.18 min Scan# 2304

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Tgt Ion:	41	Resp:	36653
Ion	Ratio	Lower	Upper
41	100		
69	81.6	65.4	98.0
39	57.4	44.0	66.0





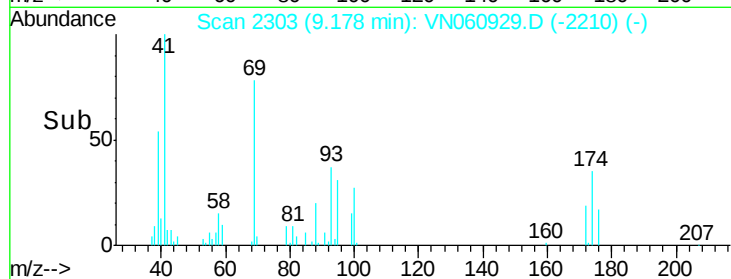
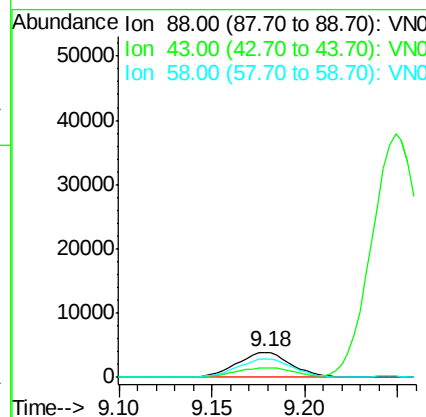
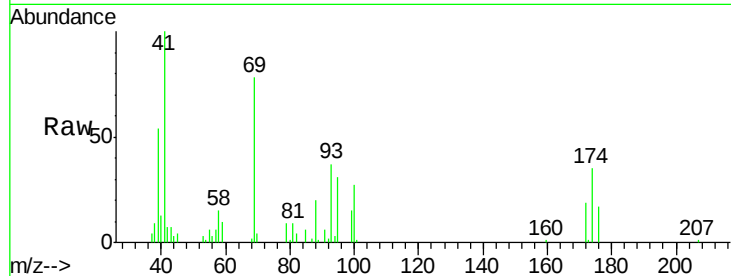
#49
1,4-Dioxane
Concen: 358.294 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

Tot Ion	88	Resp	7698
Ion	Ratio	Lower	Upper
88	100		
43	41.0	30.8	46.2
58	76.7	59.8	89.8

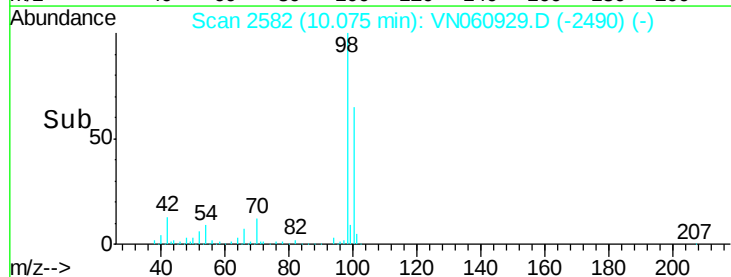
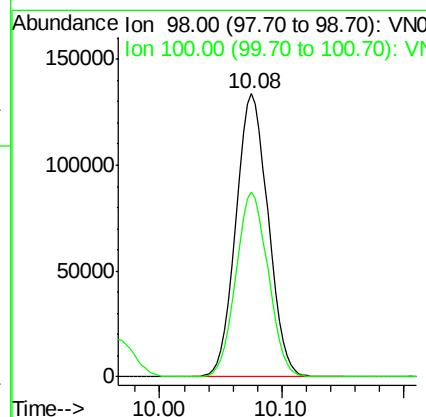
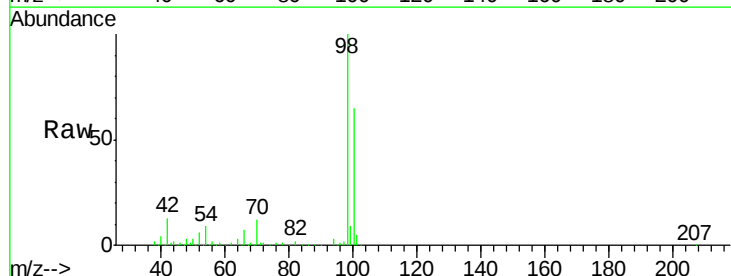
Manual Integrations
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#50
Toluene-d8
Concen: 42.183 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

Tgt Ion	98	Resp	245132
Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.8	77.8





#51

4-Methyl-2-Pentanone

Concen: 106.290 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

Tot Ion: 43 Resp: 245557

Ion Ratio Lower Upper

43 100

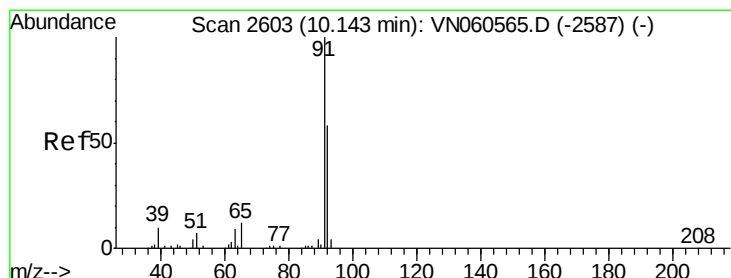
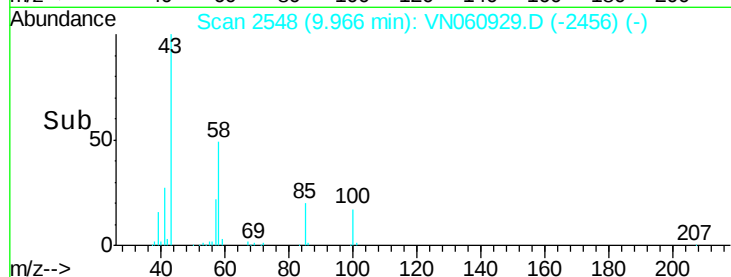
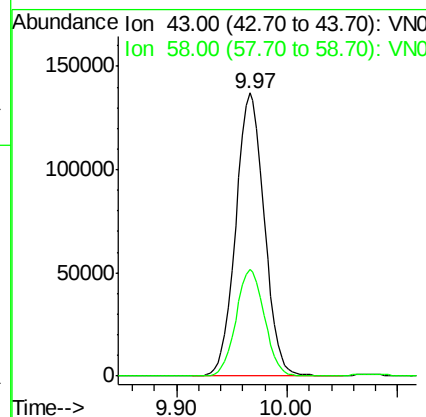
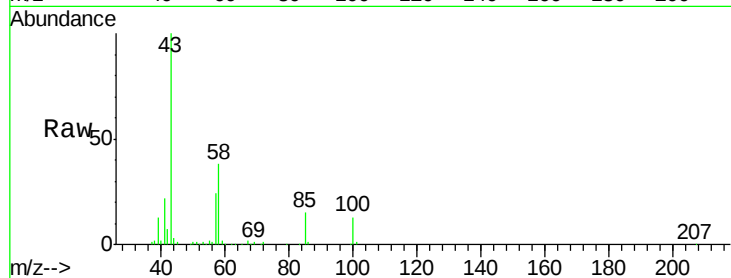
58 37.7 30.8 46.2

Manual Integrations

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#52

Toluene

Concen: 20.524 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN060929.D

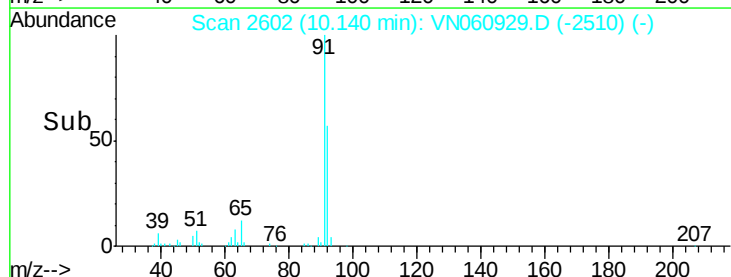
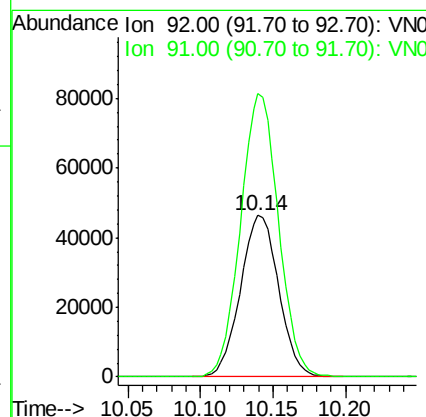
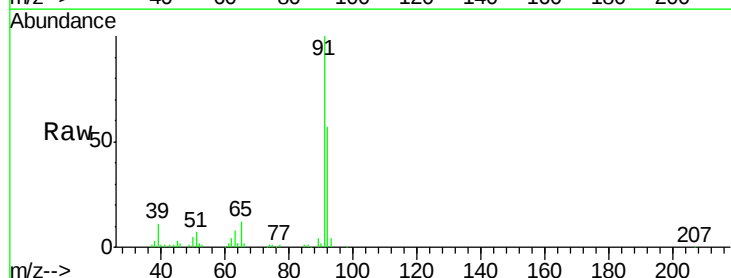
Acq: 14 Apr 2020 13:37

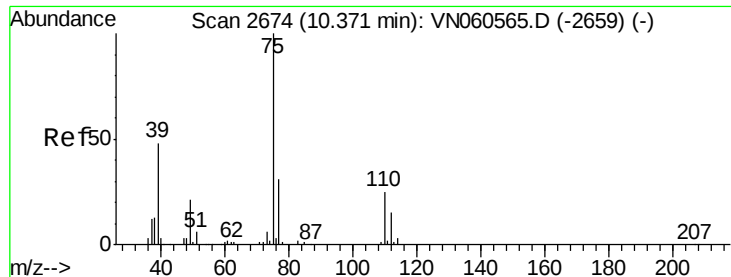
Tgt Ion: 92 Resp: 85247

Ion Ratio Lower Upper

92 100

91 173.5 137.6 206.4





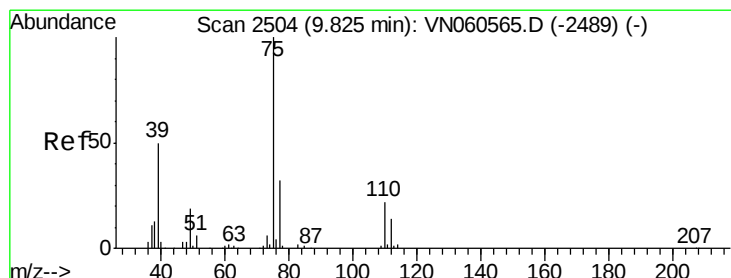
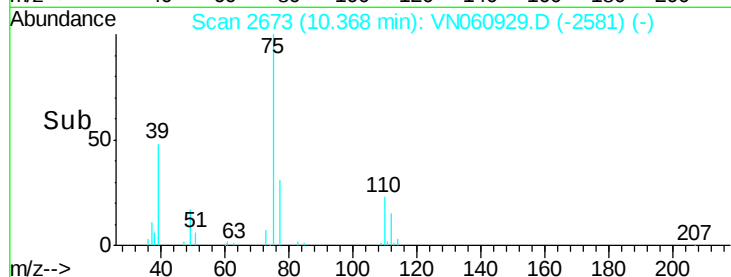
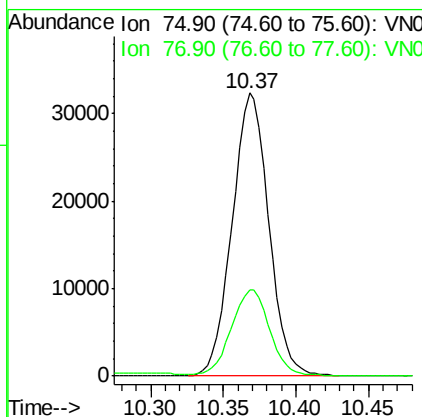
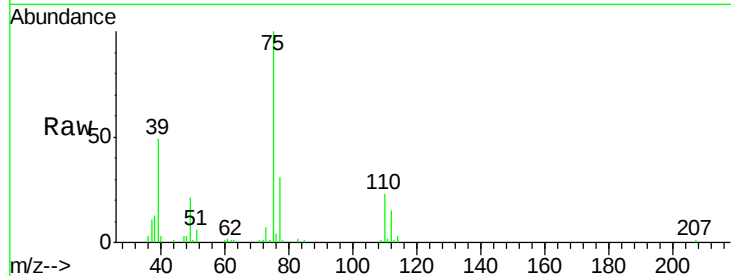
#53
 t-1,3-Dichloropropene
 Concen: 21.696 ug/l
 RT: 10.37 min Scan# 2673
 Delta R.T. -0.00 min
 Lab File: VN060929.D
 Acq: 14 Apr 2020 13:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBSD01

Tot Ion: 75 Resp: 56819
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.1 37.7

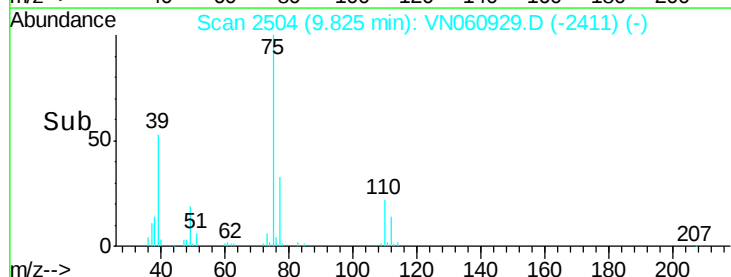
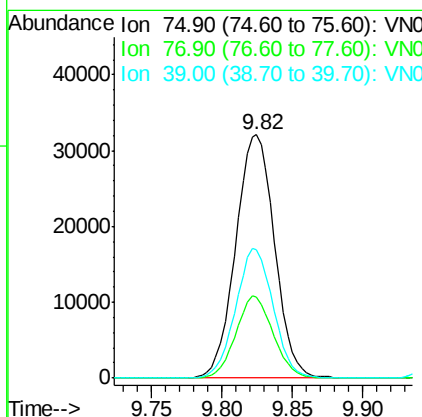
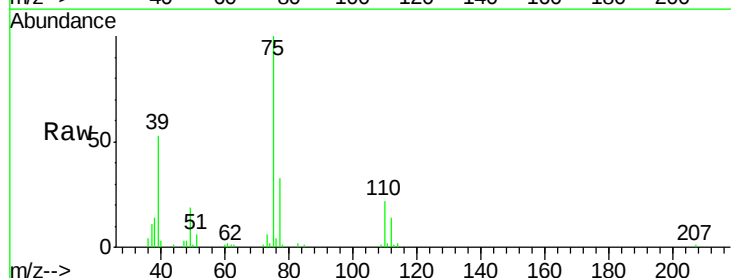
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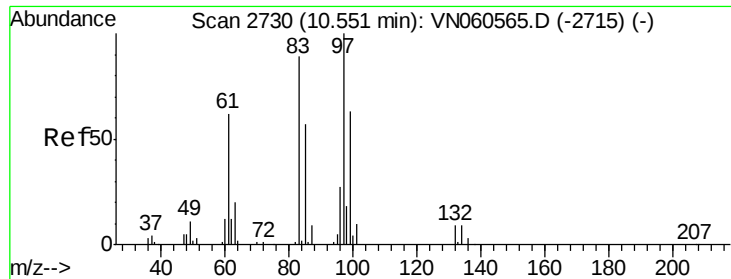
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#54
 cis-1,3-Dichloropropene
 Concen: 21.550 ug/l
 RT: 9.82 min Scan# 2504
 Delta R.T. -0.00 min
 Lab File: VN060929.D
 Acq: 14 Apr 2020 13:37

Tgt Ion: 75 Resp: 61912
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.4 38.0
 39 52.6 40.2 60.4





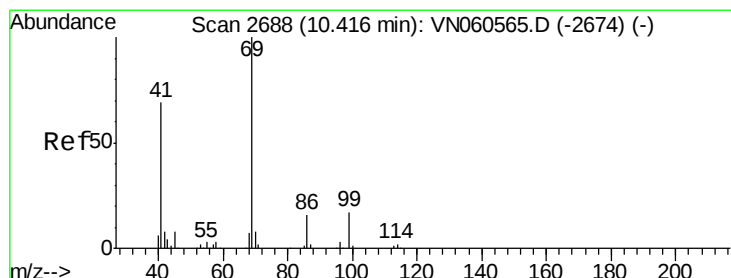
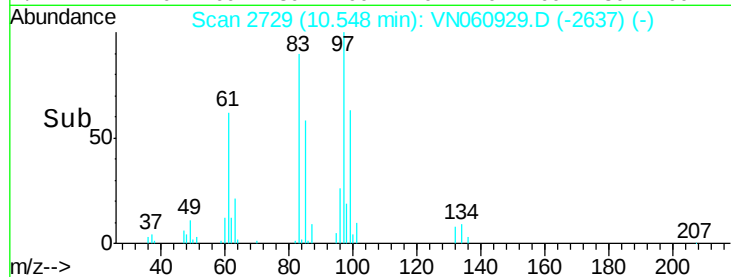
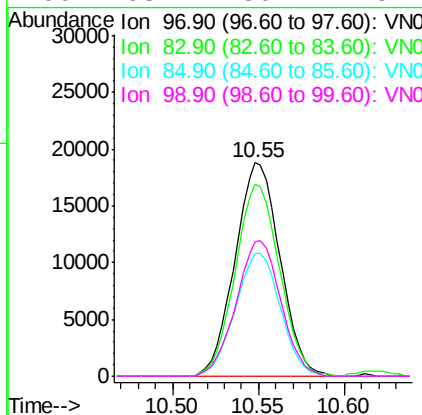
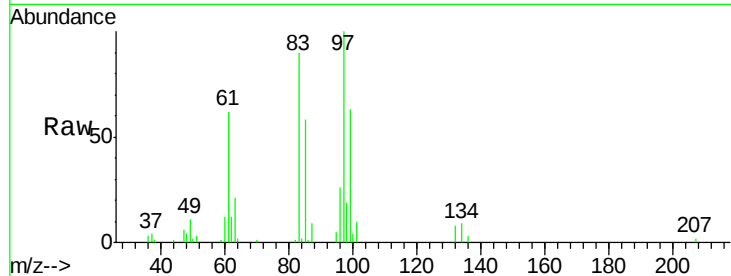
#55
 1,1,2-Trichloroethane
 Concen: 21.295 ug/l
 RT: 10.55 min Scan# 2729
 Delta R.T. -0.00 min
 Lab File: VN060929.D
 Acq: 14 Apr 2020 13:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBSD01

Tot Ion:	97	Resp:	34029
Ion	Ratio	Lower	Upper
97	100		
83	89.8	71.3	106.9
85	57.5	45.2	67.8
99	63.1	50.1	75.1

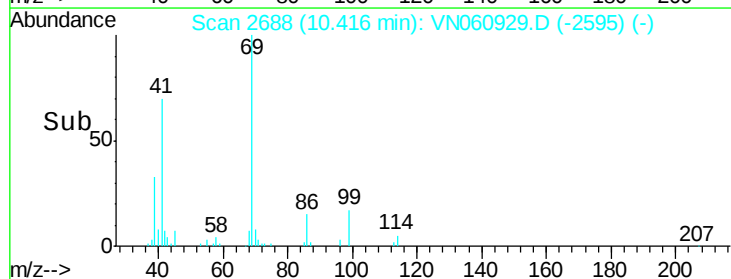
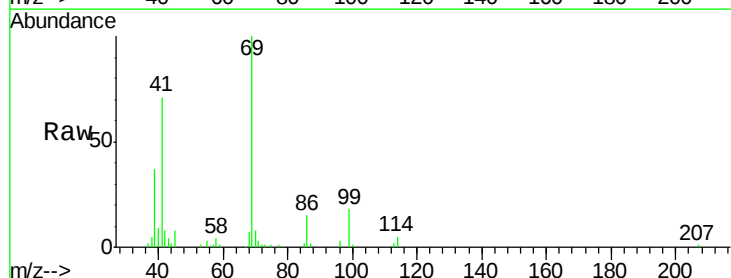
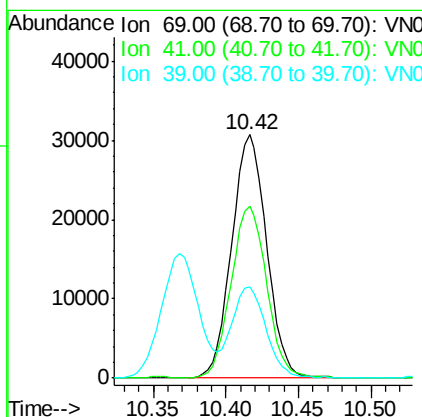
Manual Integrations
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#56
 Ethyl methacrylate
 Concen: 20.657 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN060929.D
 Acq: 14 Apr 2020 13:37

Tgt Ion:	69	Resp:	51469
Ion	Ratio	Lower	Upper
69	100		
41	72.1	55.4	83.2
39	37.3	29.4	44.0





#57

1,3-Dichloropropane

Concen: 21.369 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

Tot Ion: 76 Resp: 59256

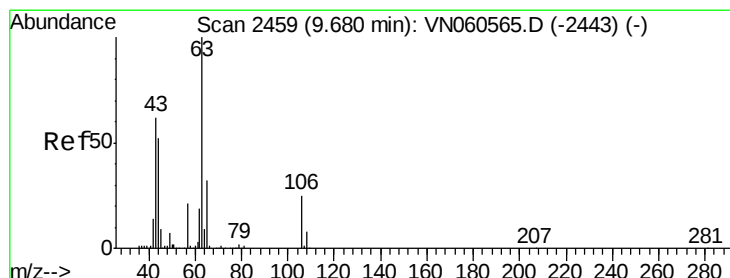
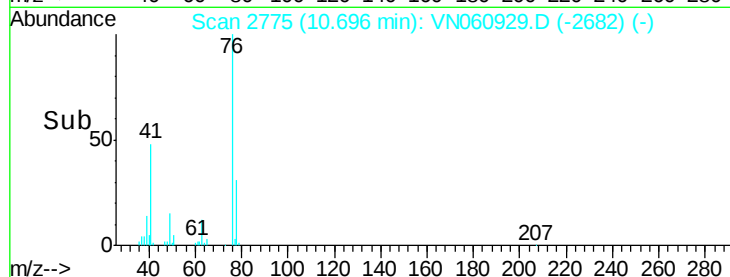
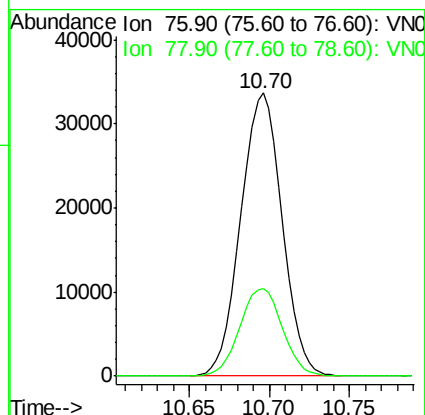
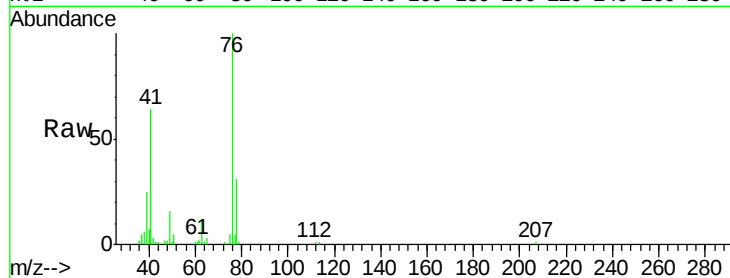
Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.6

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 88.837 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN060929.D

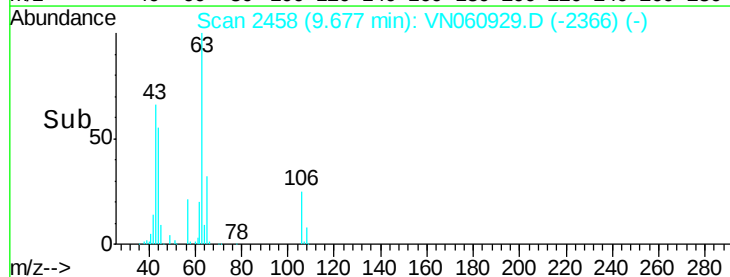
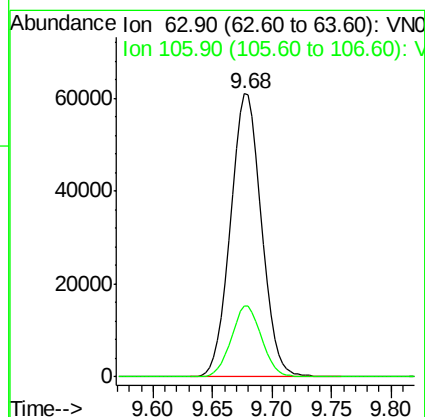
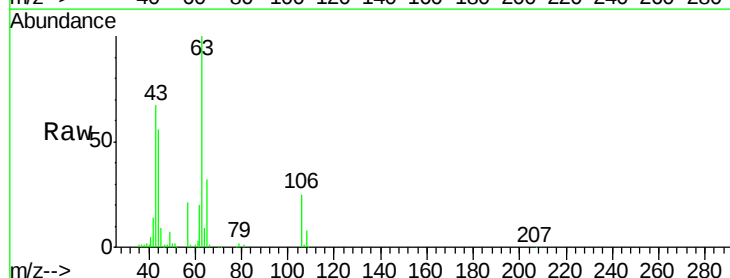
Acq: 14 Apr 2020 13:37

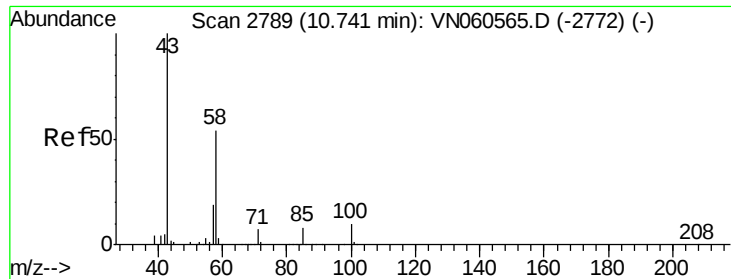
Tgt Ion: 63 Resp: 110010

Ion Ratio Lower Upper

63 100

106 24.5 20.0 30.0





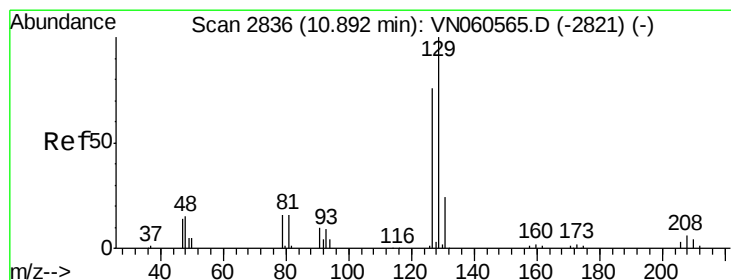
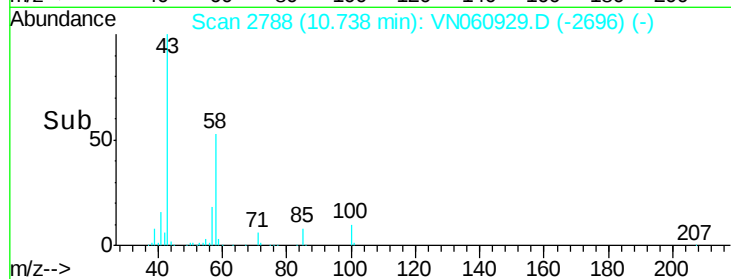
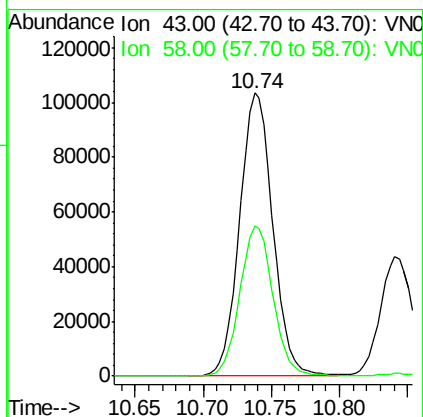
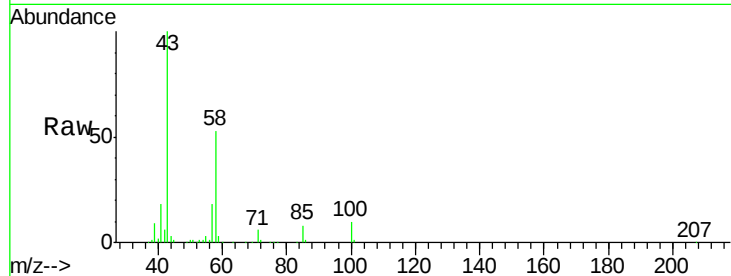
#59
2-Hexanone
Concen: 104.967 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

Tot Ion: 43 Resp: 174685
Ion Ratio Lower Upper
43 100
58 53.1 26.7 80.1

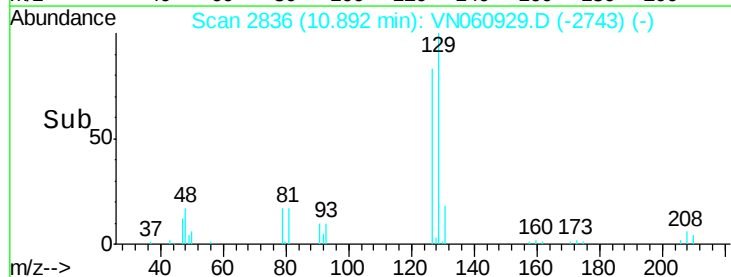
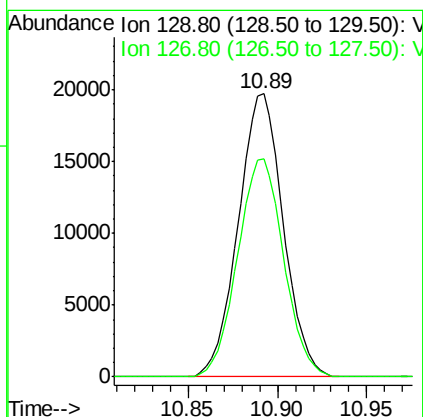
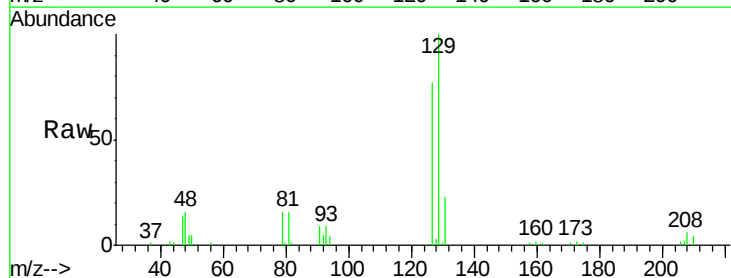
Manual Integrations
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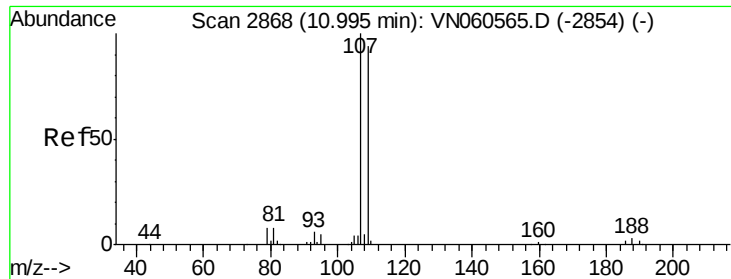
MMDadoda
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#60
Dibromochloromethane
Concen: 21.010 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

Tgt Ion:129 Resp: 34679
Ion Ratio Lower Upper
129 100
127 78.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.750 ug/l

RT: 10.99 min Scan# 2868

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

Tot Ion:107 Resp: 33342

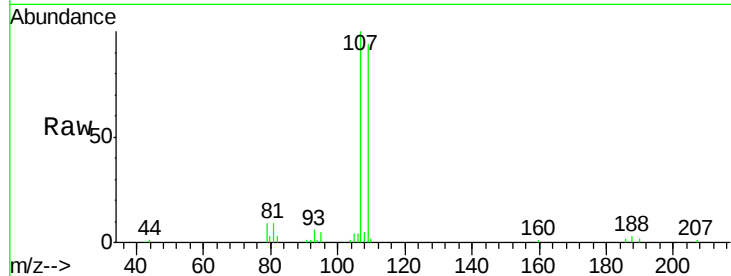
Ion Ratio Lower Upper

107 100

109 95.4 75.4 113.2

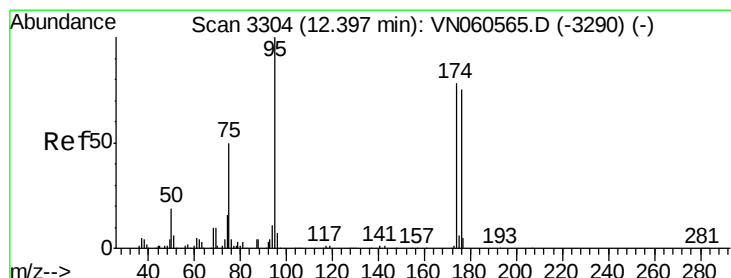
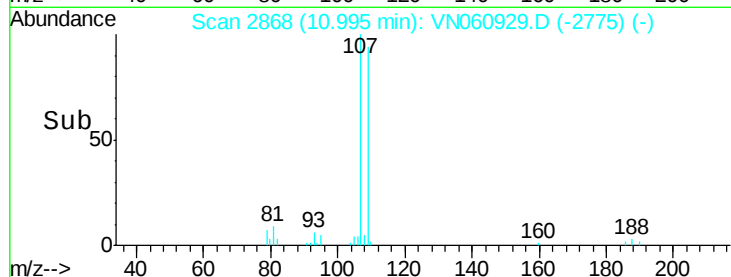
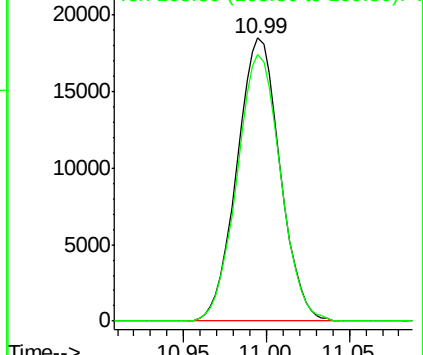
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 41.634 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

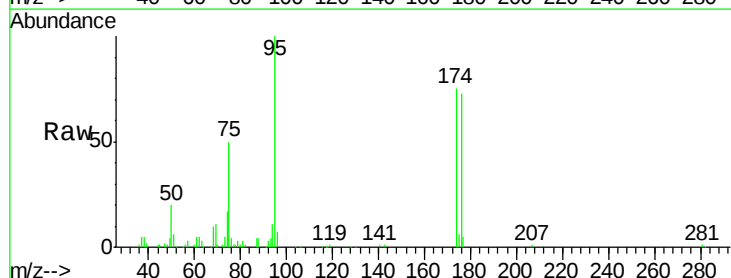
Tgt Ion: 95 Resp: 88668

Ion Ratio Lower Upper

95 100

174 75.4 0.0 157.6

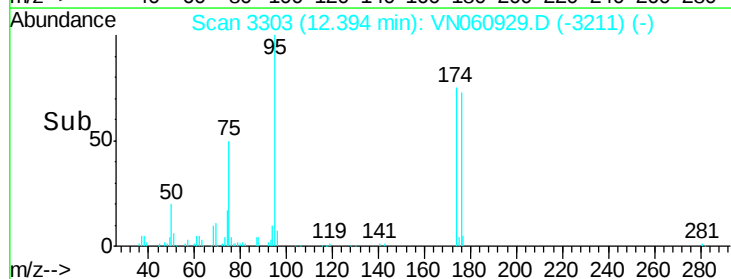
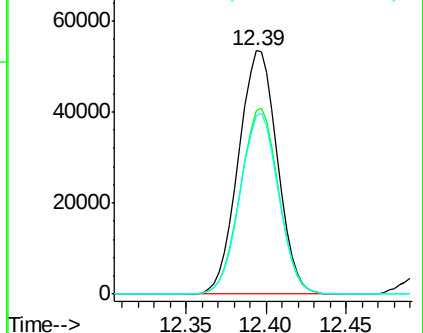
176 73.7 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





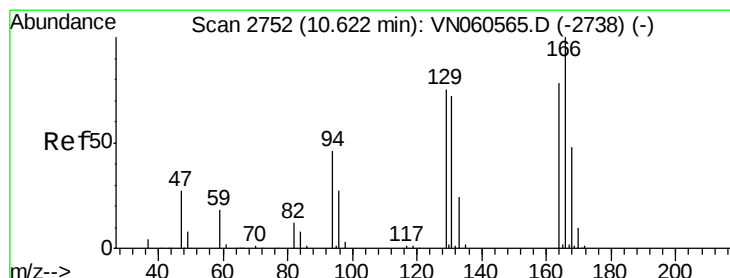
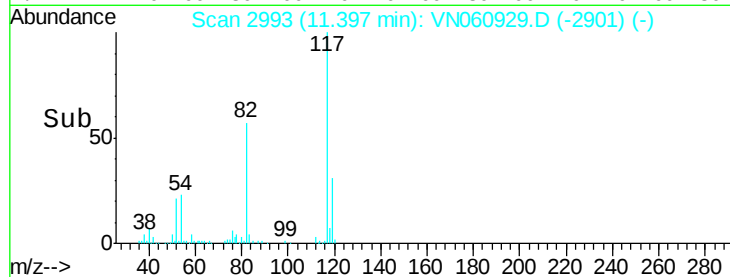
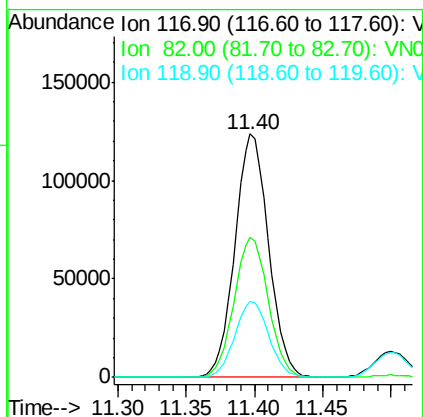
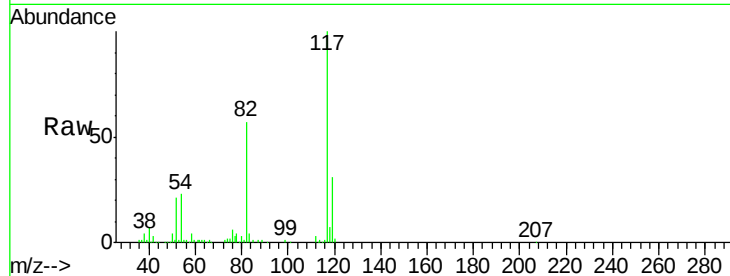
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.4	46.7	70.1
119	31.0	25.5	38.3

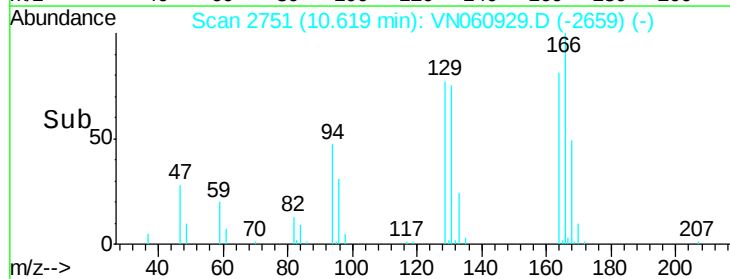
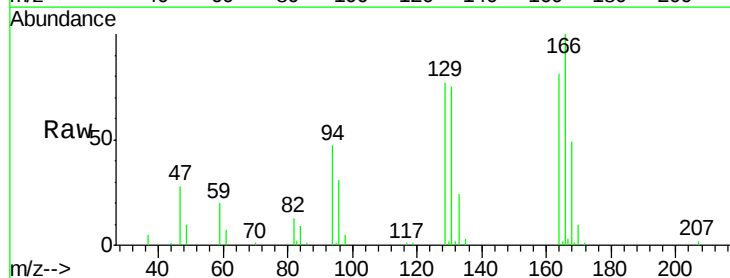
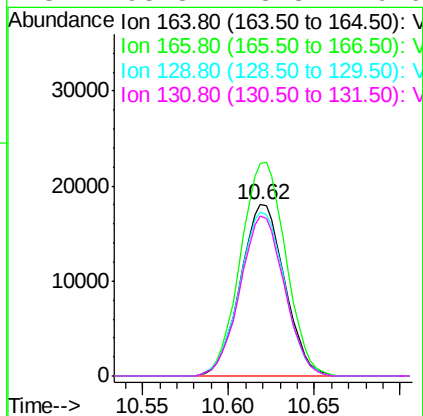
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#64
Tetrachloroethene
Concen: 19.307 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.9	102.7	154.1
129	95.9	77.2	115.8
131	93.3	73.8	110.6





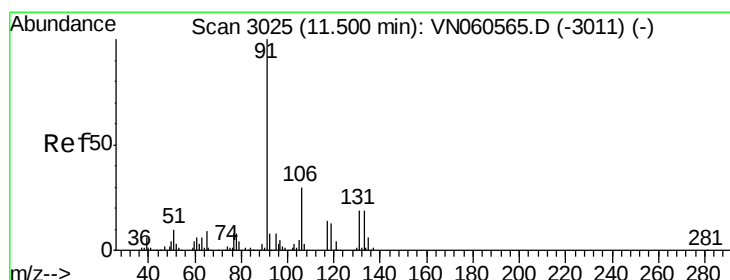
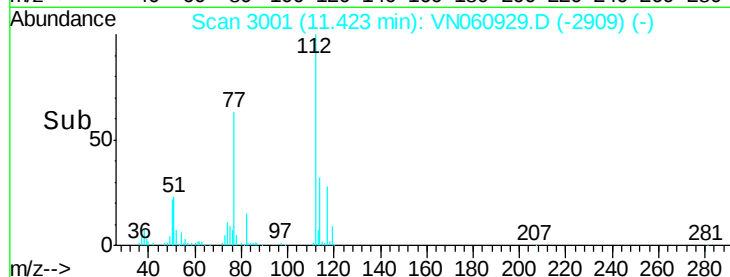
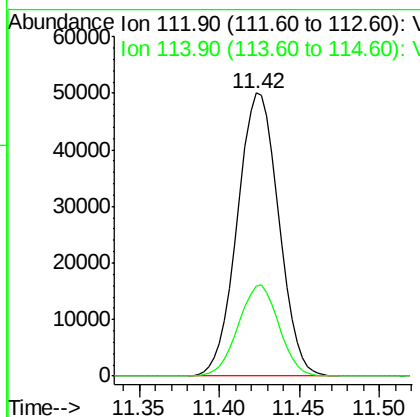
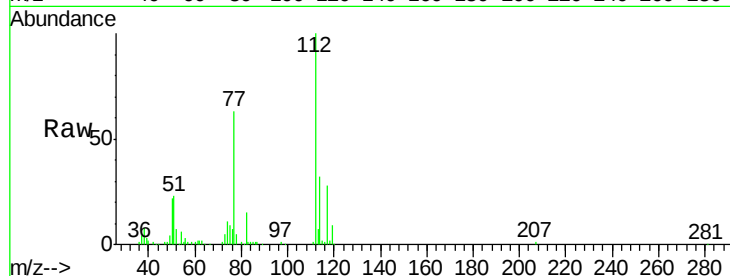
#65
Chlorobenzene
Concen: 21.006 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.8	38.6

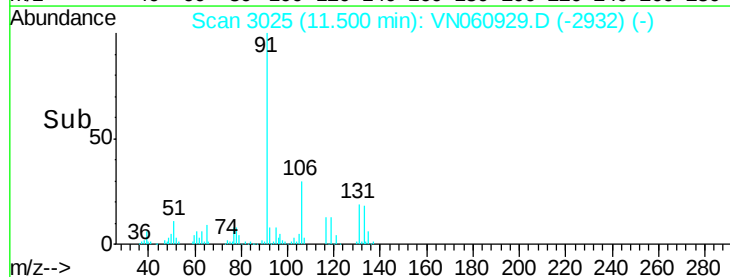
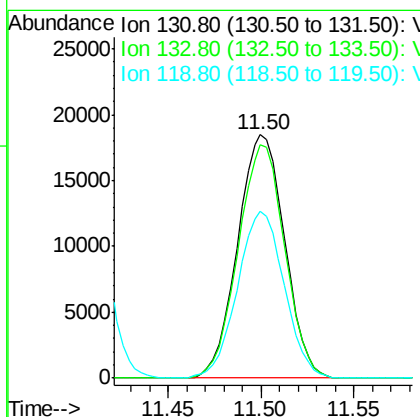
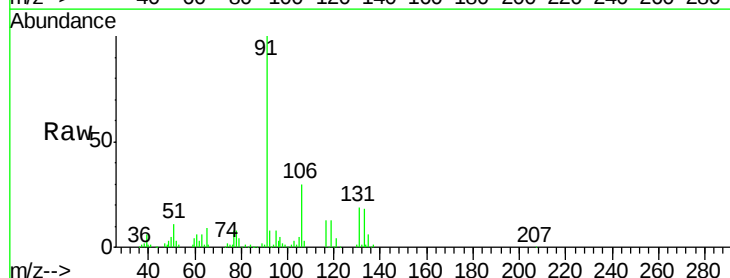
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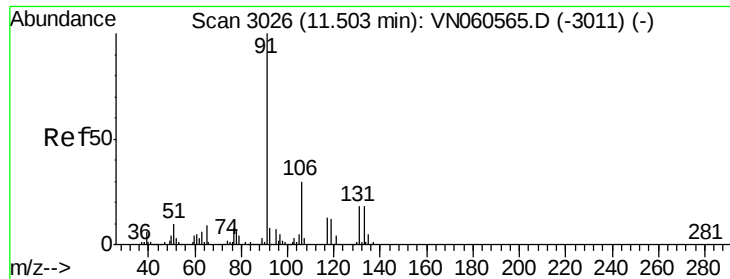
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.340 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.1	48.9	146.8
119	68.0	33.9	101.7





#67

Ethyl Benzene

Concen: 21.207 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

Tot Ion: 91 Resp: 165760

Ion Ratio Lower Upper

91 100

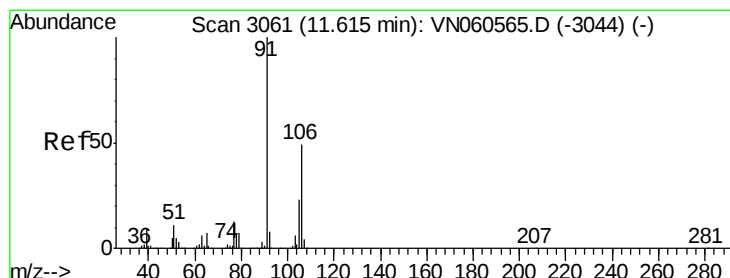
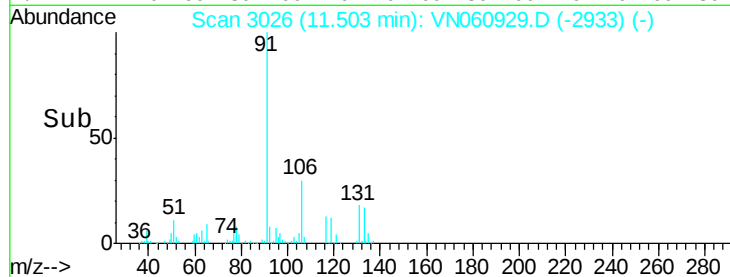
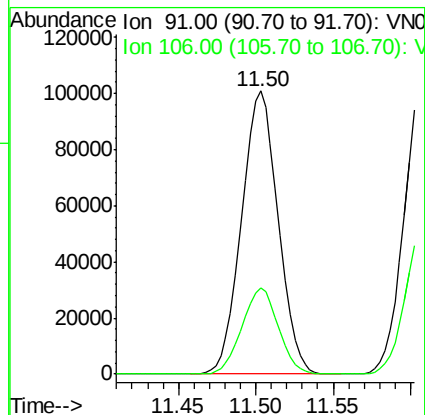
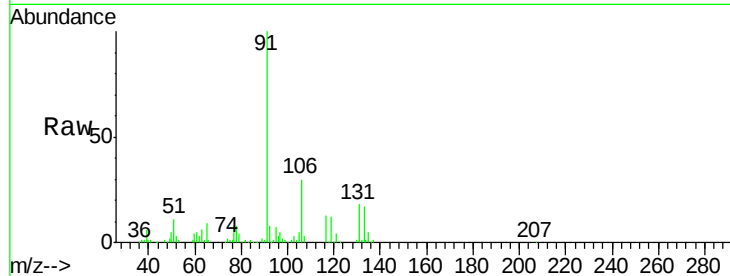
106 30.3 24.2 36.2

Manual Integrations

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#68

m/p-Xylenes

Concen: 41.076 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN060929.D

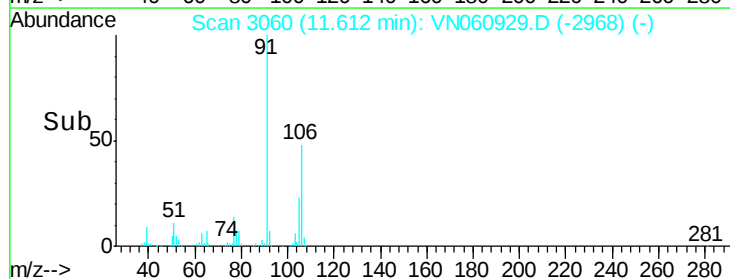
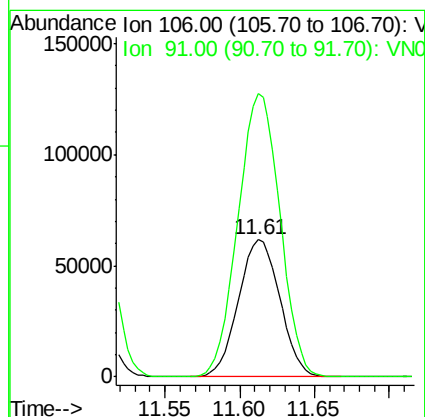
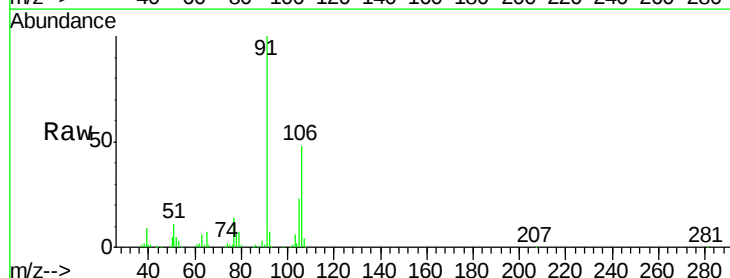
Acq: 14 Apr 2020 13:37

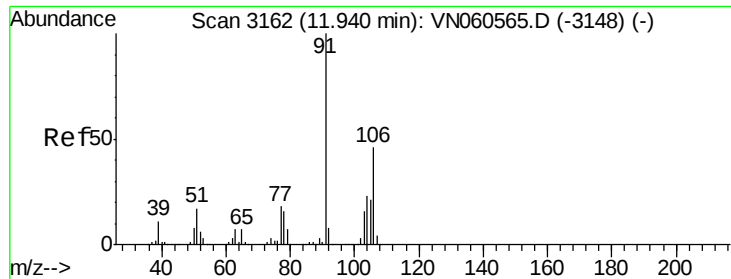
Tgt Ion: 106 Resp: 119309

Ion Ratio Lower Upper

106 100

91 209.0 165.0 247.4





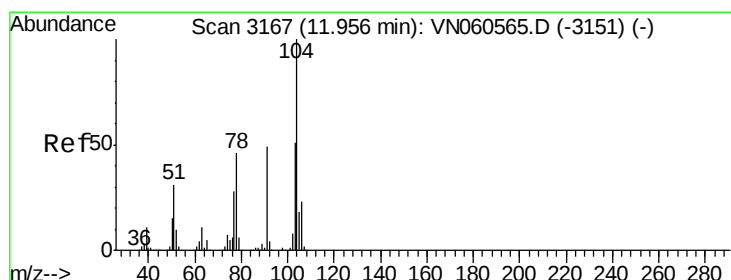
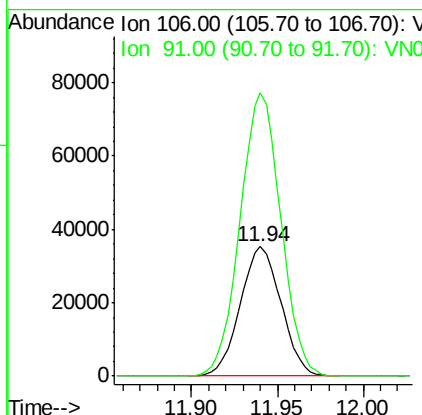
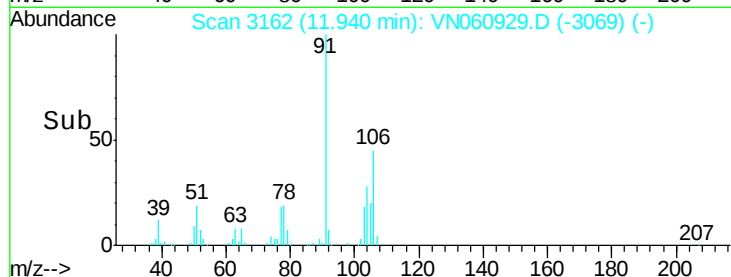
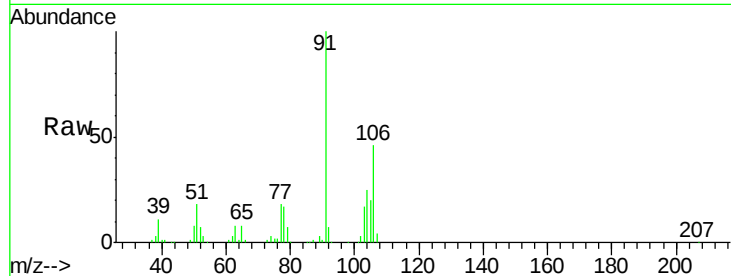
#69
o-Xylene
Concen: 20.997 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

Tot Ion:106 Resp: 58220
Ion Ratio Lower Upper
106 100
91 218.5 109.5 328.4

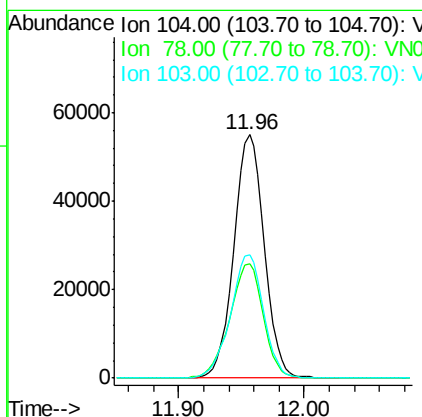
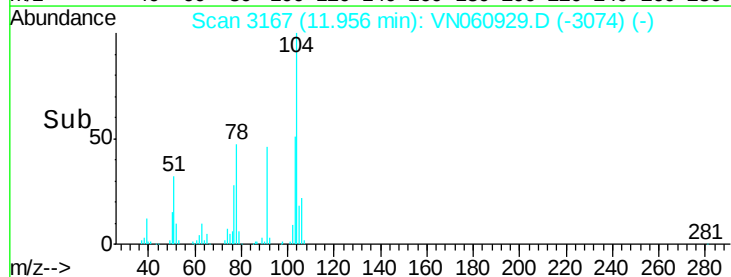
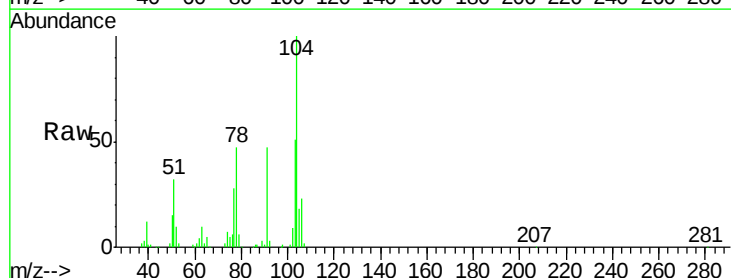
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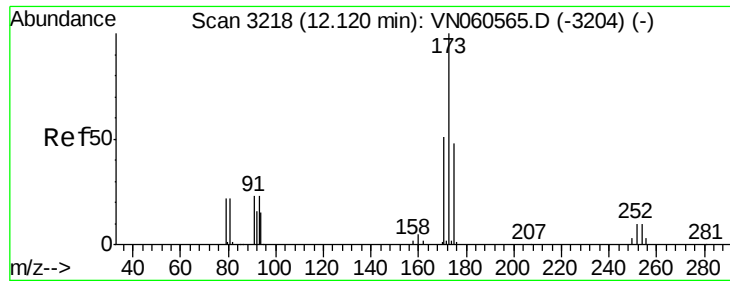
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#70
Styrene
Concen: 20.437 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

Tgt Ion:104 Resp: 92679
Ion Ratio Lower Upper
104 100
78 51.7 41.2 61.8
103 54.8 44.0 66.0





#71

Bromoform

Concen: 19.737 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

Tot Ion:173 Resp: 23632

Ion Ratio Lower Upper

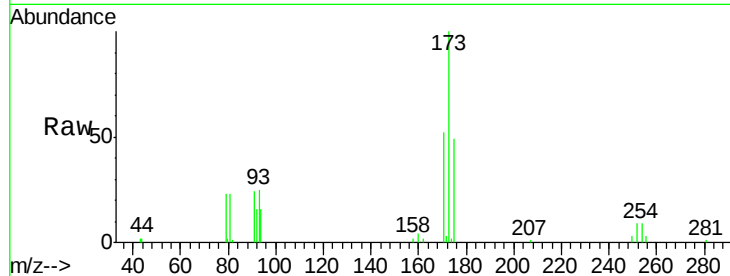
173 100

175 48.6 24.1 72.4

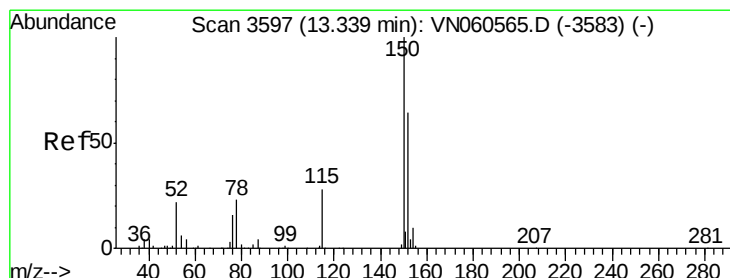
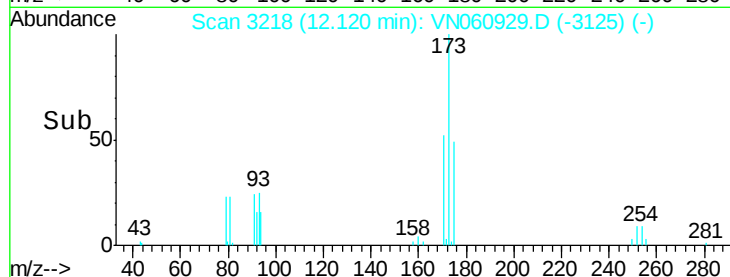
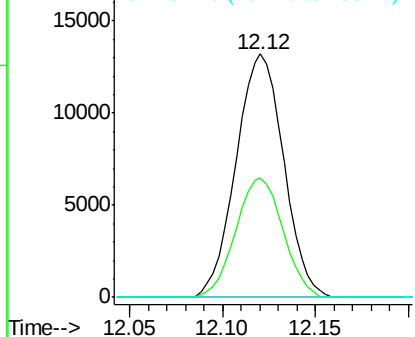
254 0.0 0.0 0.0

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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: VN060929.D

Acq: 14 Apr 2020 13:37

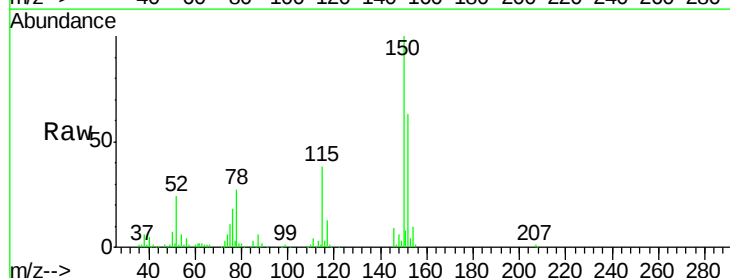
Tgt Ion:152 Resp: 96930

Ion Ratio Lower Upper

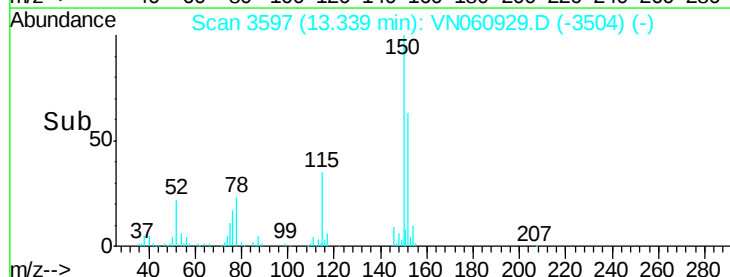
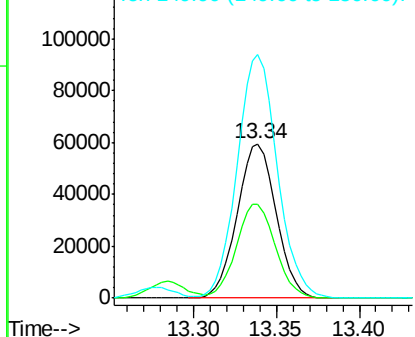
152 100

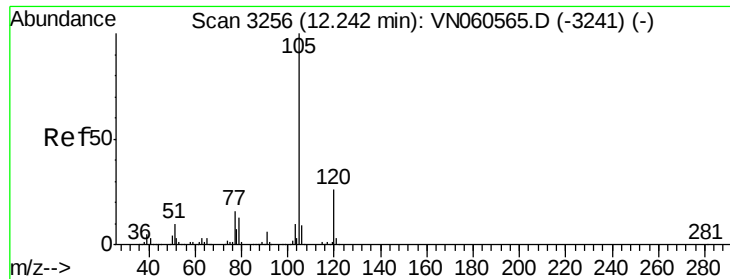
115 61.0 30.2 90.6

150 163.3 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: 21.620 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

Tot Ion: 105 Resp: 157269

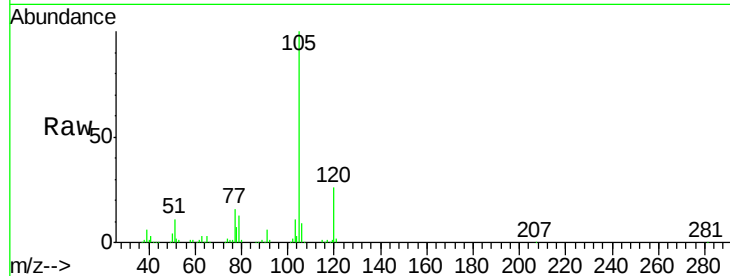
Ion Ratio Lower Upper

105 100

120 25.9 13.1 39.1

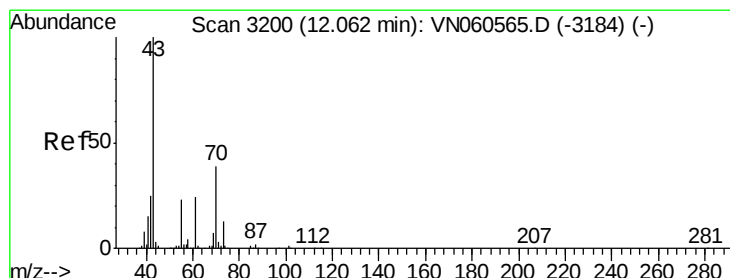
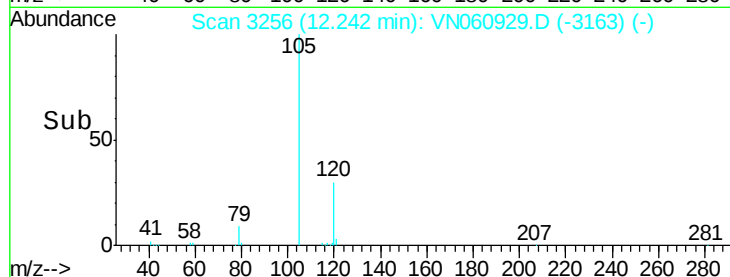
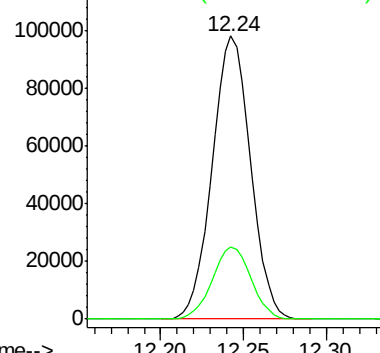
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.841 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Tgt Ion: 43 Resp: 70054

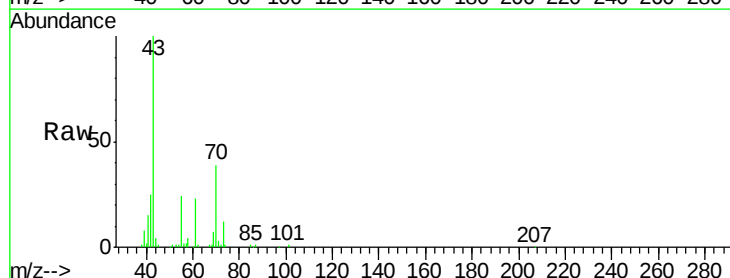
Ion Ratio Lower Upper

43 100

70 38.7 31.1 46.7

55 24.0 18.6 27.8

61 22.8 18.9 28.3

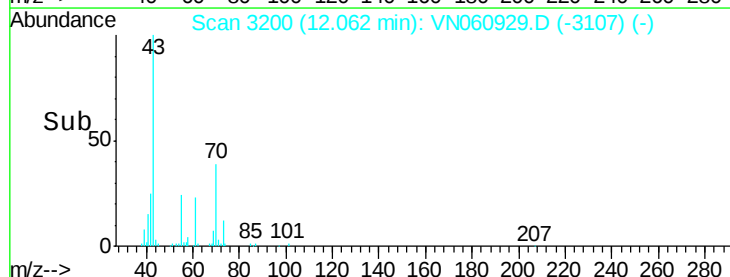
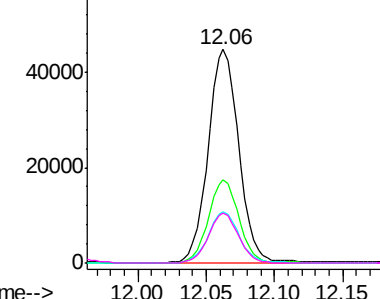


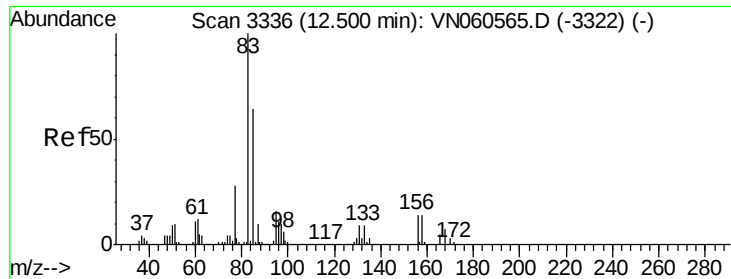
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 21.797 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Instrument :

MSVOA_N

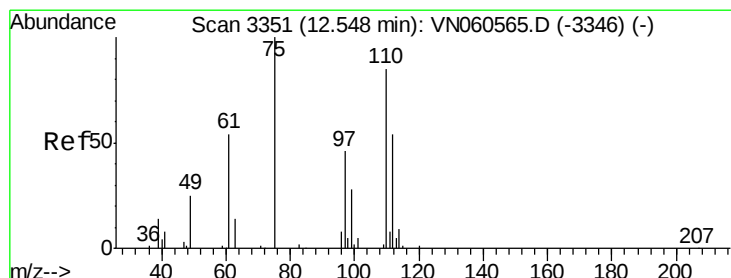
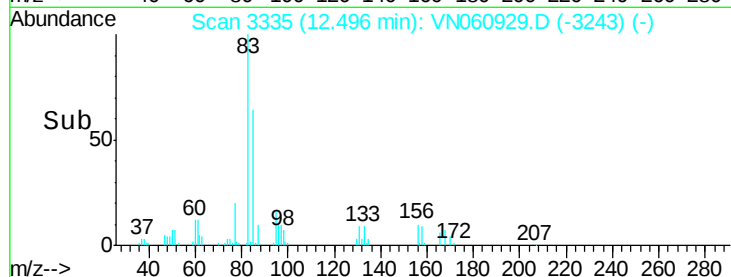
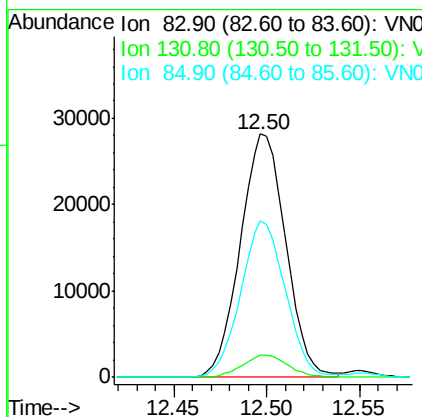
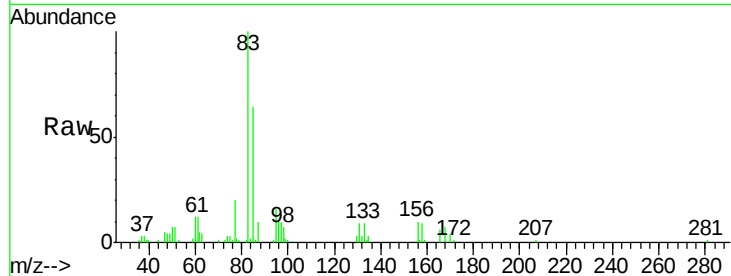
ClientSampleId :

VN0414WBSD01

Tot Ion:	83	Resp:	47948
Ion Ratio	Lower	Upper	
83	100		
131	9.3	4.9	14.7
85	63.2	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 19.910 ug/l m

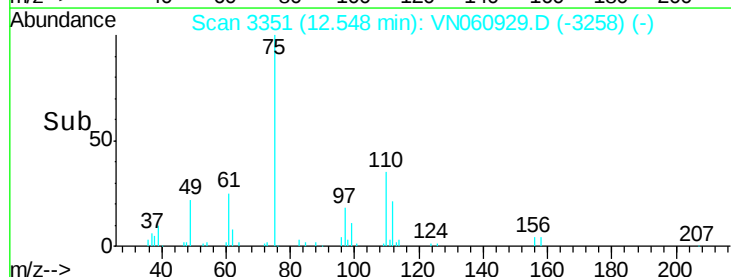
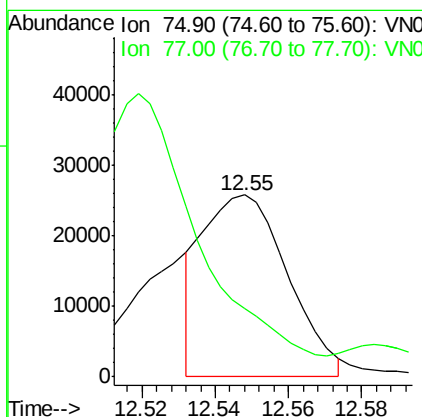
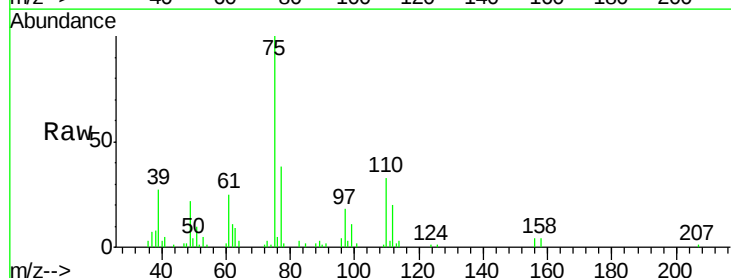
RT: 12.55 min Scan# 3351

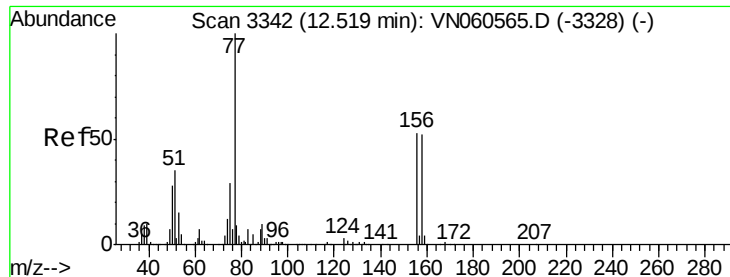
Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Tgt Ion:	75	Resp:	41642
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.729 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

Tot Ion:156 Resp: 36335

Ion Ratio Lower Upper

156 100

77 229.3 112.3 337.0

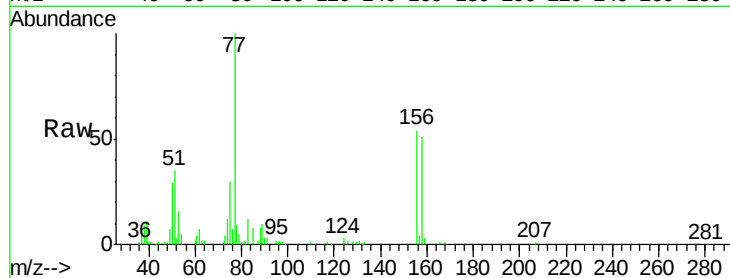
158 96.7 48.6 145.8

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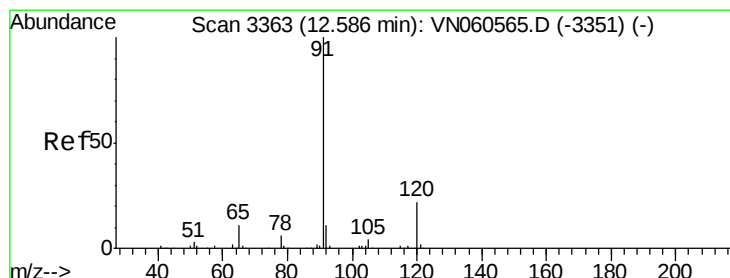
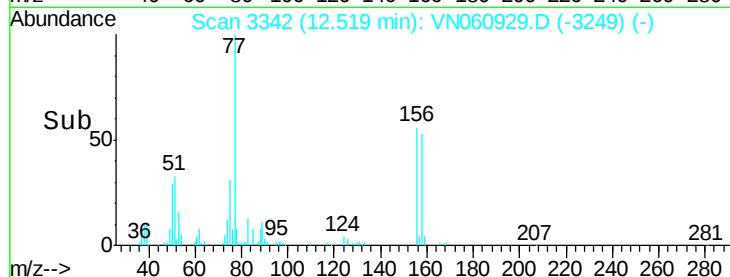
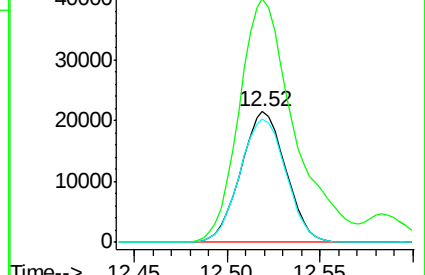
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.589 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060929.D

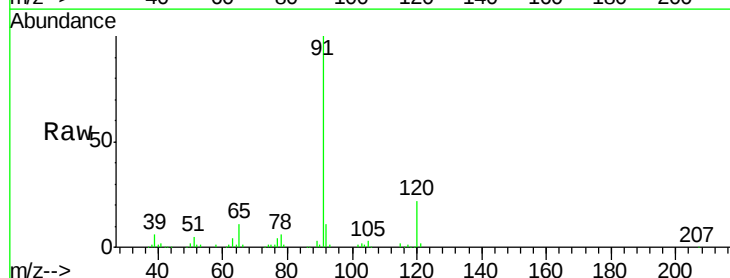
Acq: 14 Apr 2020 13:37

Tgt Ion: 91 Resp: 185536

Ion Ratio Lower Upper

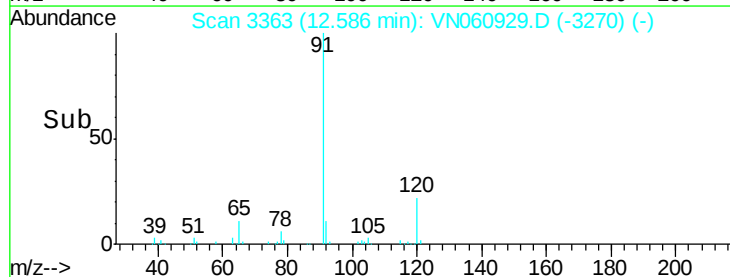
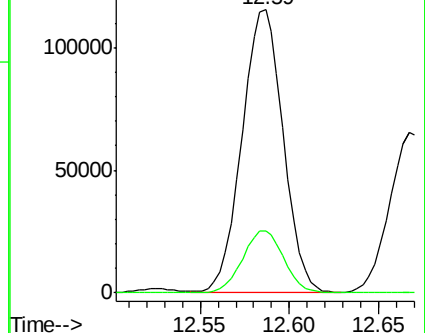
91 100

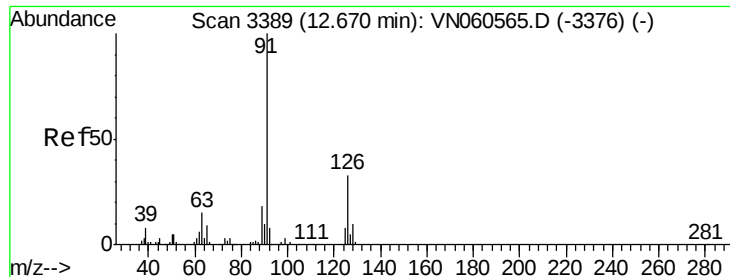
120 22.0 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.181 ug/l

RT: 12.67 min Scan# 3388

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

Tot Ion: 91 Resp: 108763

Ion Ratio Lower Upper

91 100

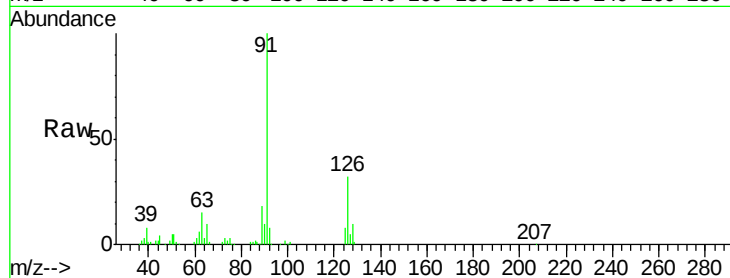
126 32.0 16.4 49.1

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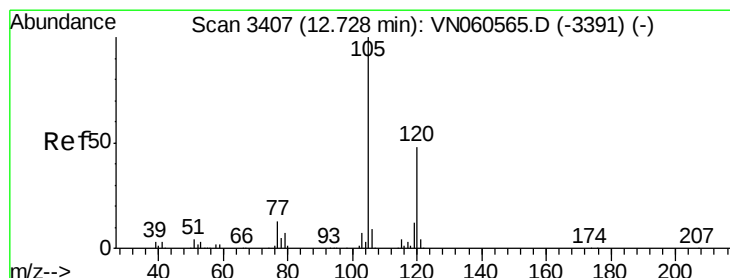
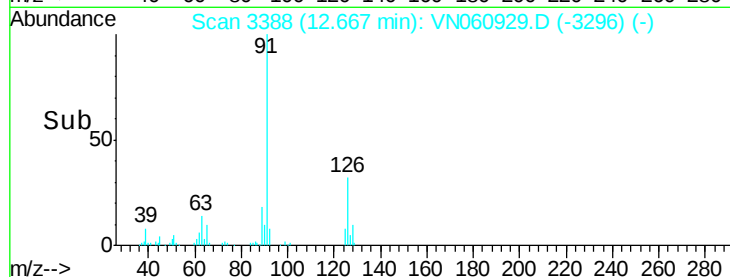
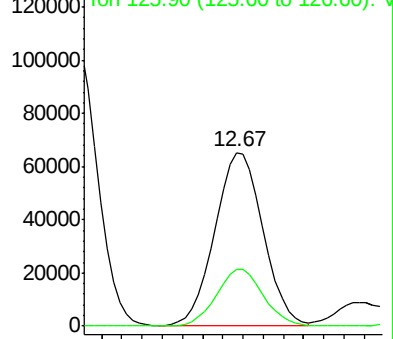
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Abundance Ion 91.00 (90.70 to 91.70): VN060929.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.360 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060929.D

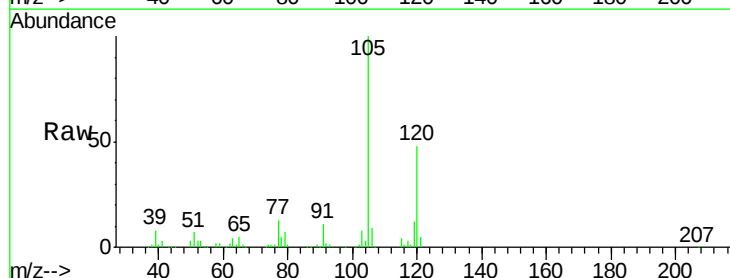
Acq: 14 Apr 2020 13:37

Tgt Ion:105 Resp: 131855

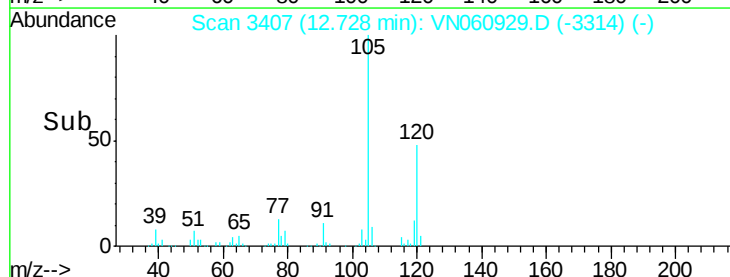
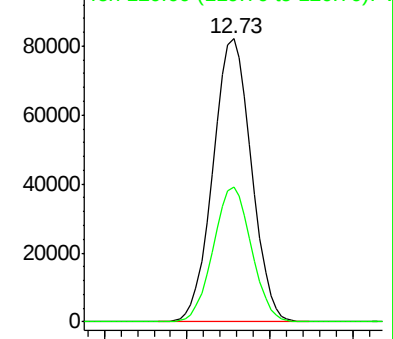
Ion Ratio Lower Upper

105 100

120 47.2 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN060929.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.390 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Instrument :

MSVOA_N

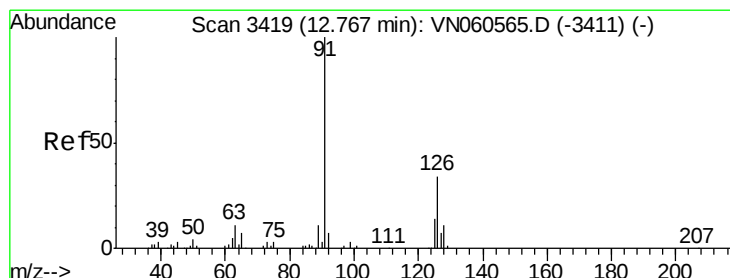
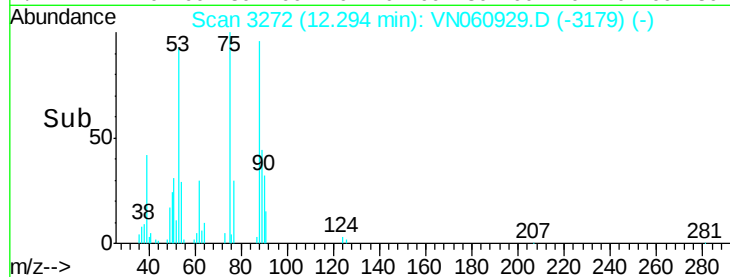
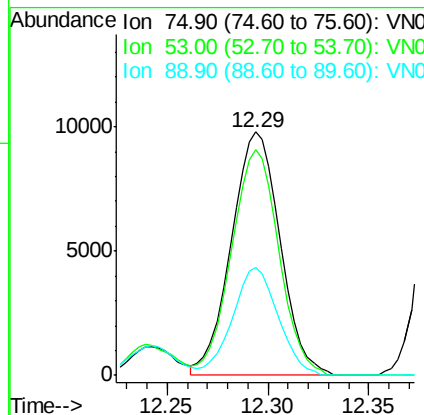
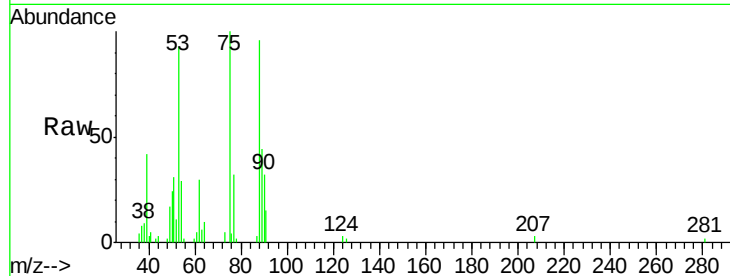
ClientSampleId :

VN0414WBSD01

Tot Ion:	75	Resp:	16605
Ion	Ratio	Lower	Upper
75	100		
53	90.3	73.0	109.4
89	41.5	34.8	52.2

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#82

4-Chlorotoluene

Concen: 21.441 ug/l

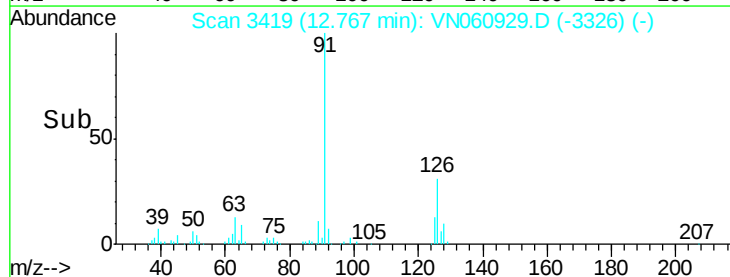
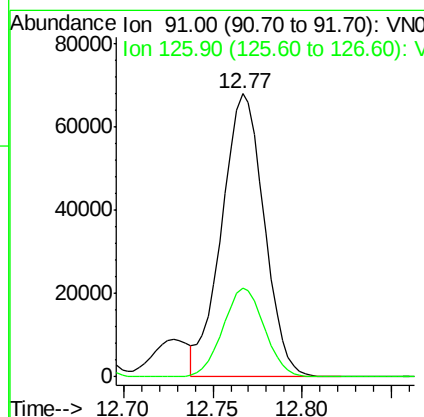
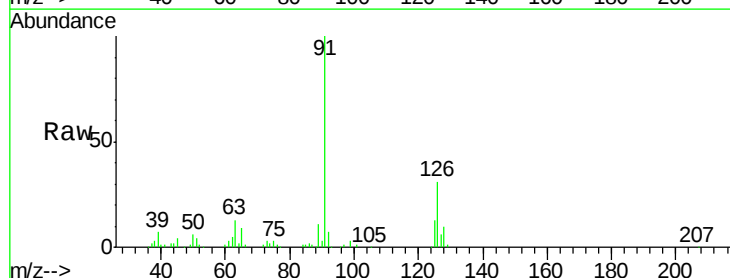
RT: 12.77 min Scan# 3419

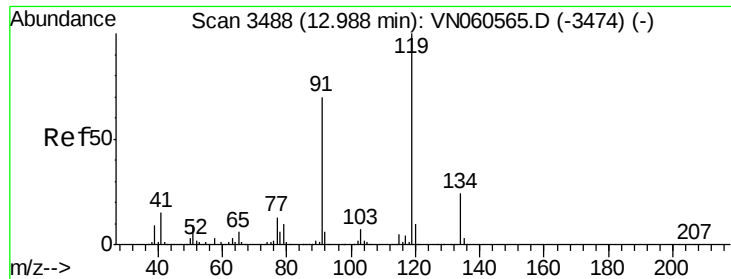
Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Tgt Ion:	91	Resp:	112131
Ion	Ratio	Lower	Upper
91	100		
126	30.8	16.2	48.5





#83

tert-Butylbenzene

Concen: 21.823 ug/l

RT: 12.99 min Scan# 3488

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Instrument :

MSVOA_N

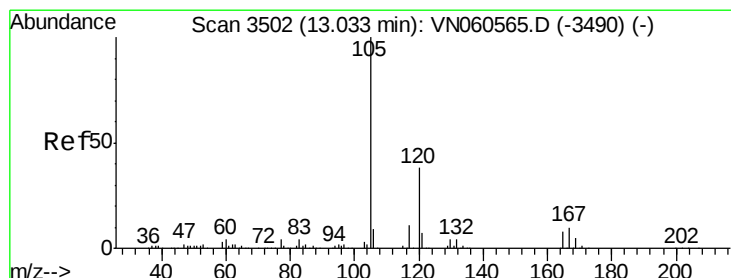
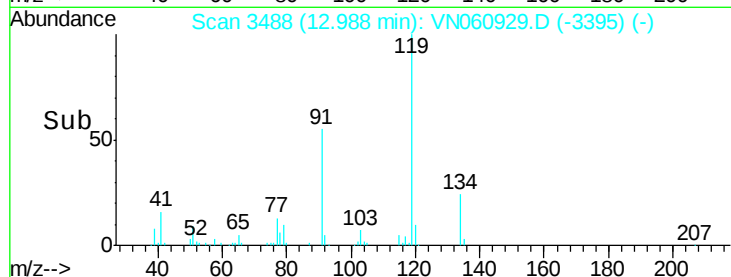
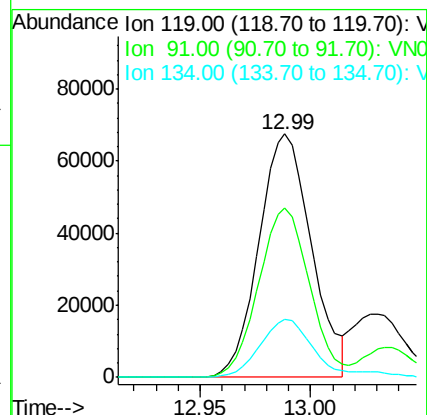
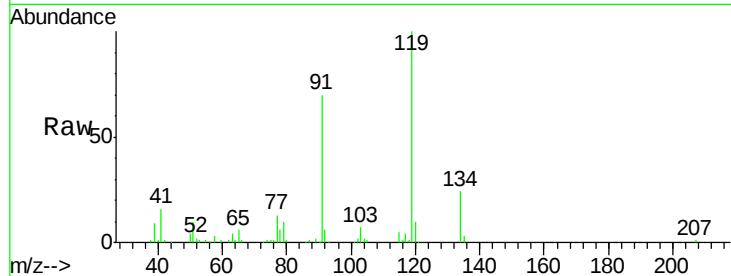
ClientSampleId :

VN0414WBSD01

Tot Ion:	119	Resp:	111674
Ion Ratio	Lower	Upper	
119	100		
91	67.7	34.0	101.8
134	25.1	12.7	38.0

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#84

1,2,4-Trimethylbenzene

Concen: 21.678 ug/l

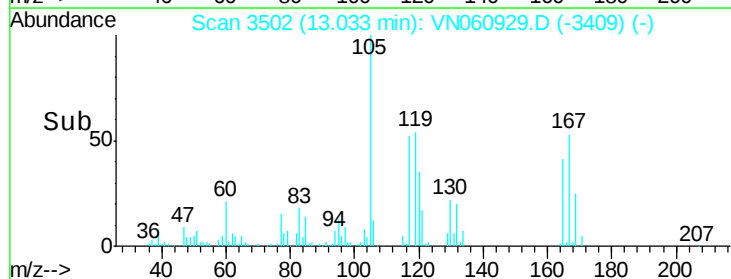
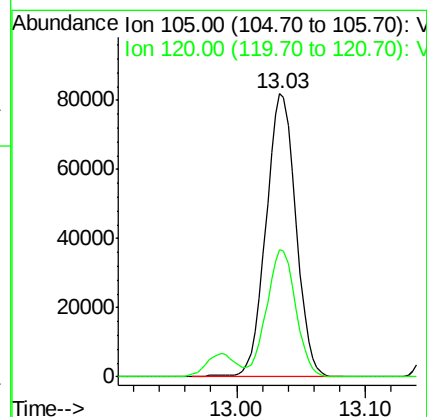
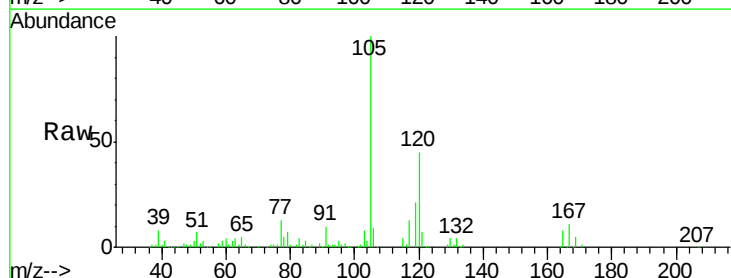
RT: 13.03 min Scan# 3502

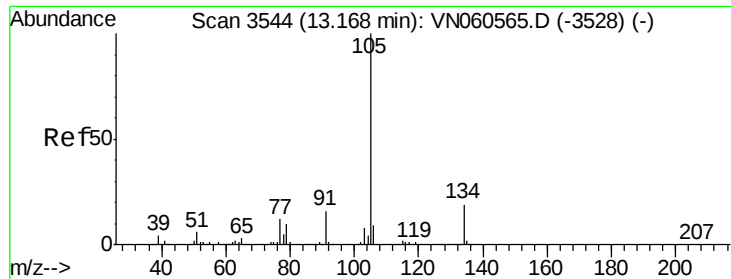
Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Tgt Ion:	105	Resp:	132388
Ion Ratio	Lower	Upper	
105	100		
120	43.7	22.1	66.5





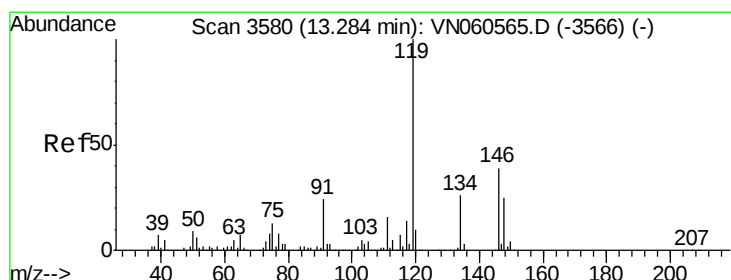
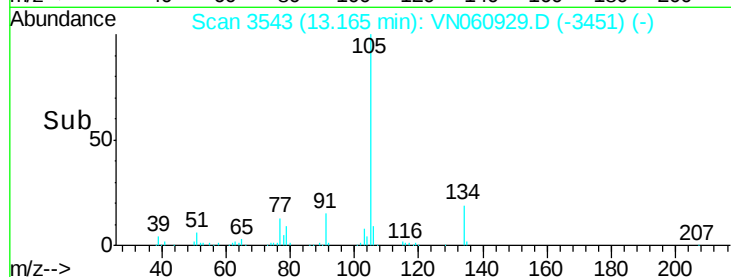
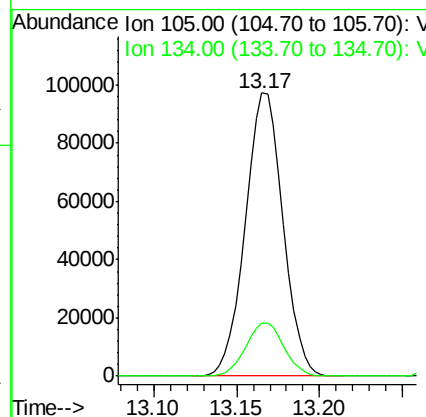
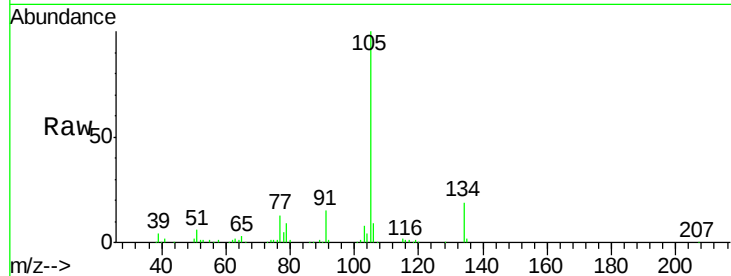
#85
 sec-Butylbenzene
 Concen: 22.271 ug/l
 RT: 13.17 min Scan# 3543
 Delta R.T. -0.00 min
 Lab File: VN060929.D
 Acq: 14 Apr 2020 13:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.1	9.6	28.8

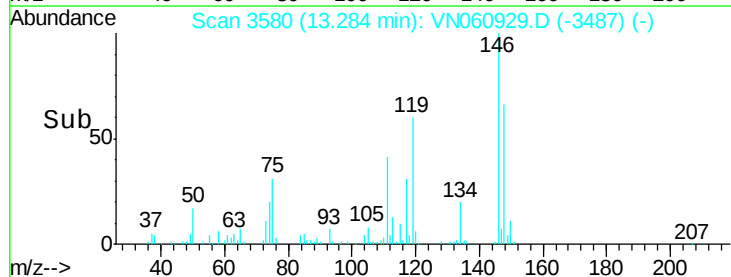
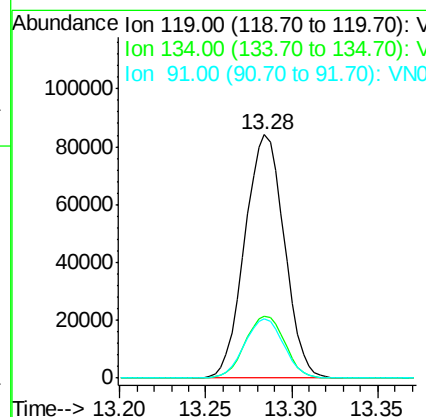
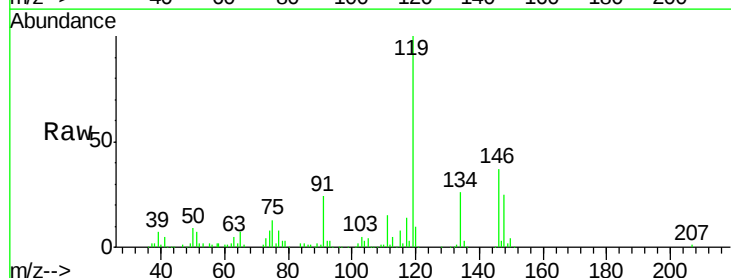
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#86
 p-Isopropyltoluene
 Concen: 21.723 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN060929.D
 Acq: 14 Apr 2020 13:37

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.4	13.0	39.0
91	24.3	12.0	36.0





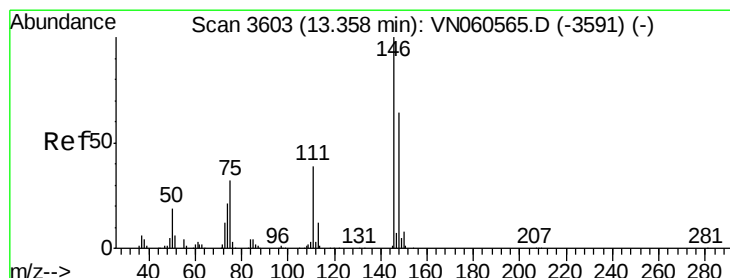
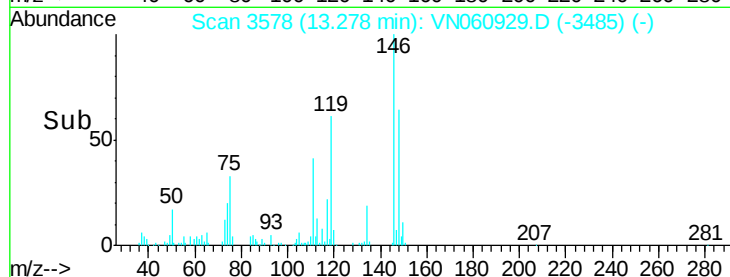
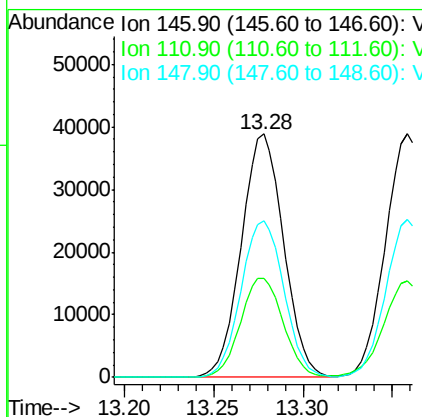
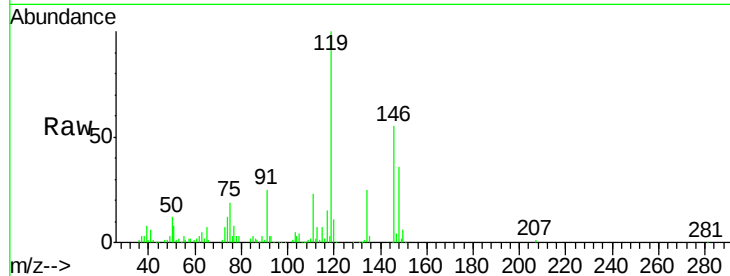
#87
 1,3-Dichlorobenzene
 Concen: 20.858 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.00 min
 Lab File: VN060929.D
 Acq: 14 Apr 2020 13:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.3	60.8
148	65.0	32.5	97.4

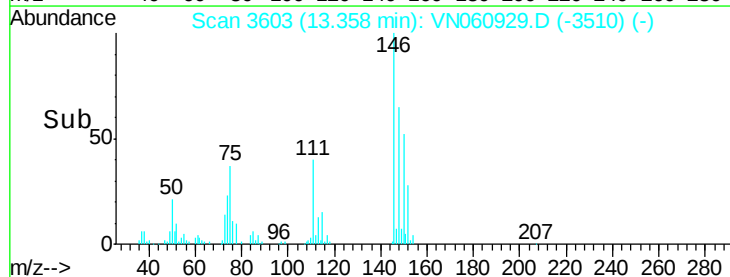
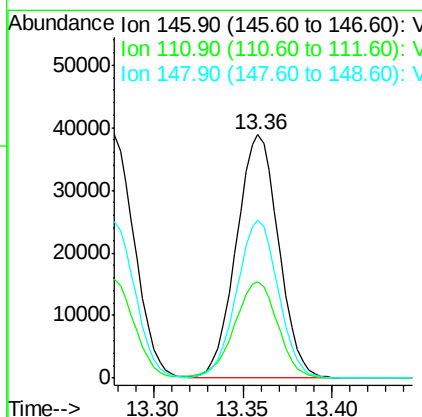
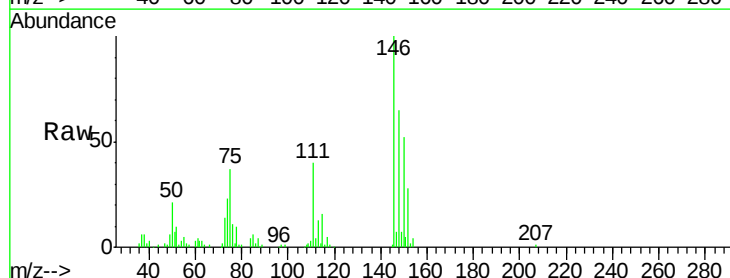
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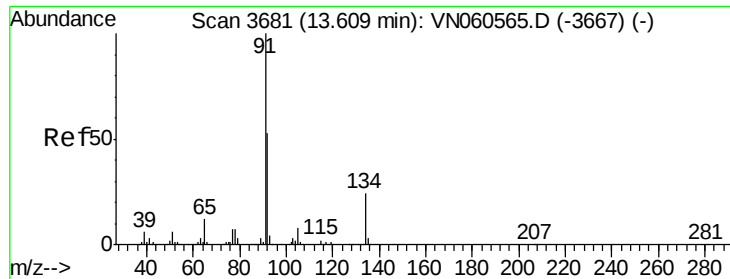
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#88
 1,4-Dichlorobenzene
 Concen: 20.775 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN060929.D
 Acq: 14 Apr 2020 13:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.6	58.7
148	64.0	32.1	96.3





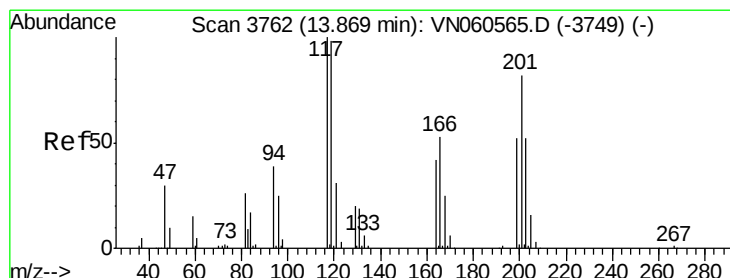
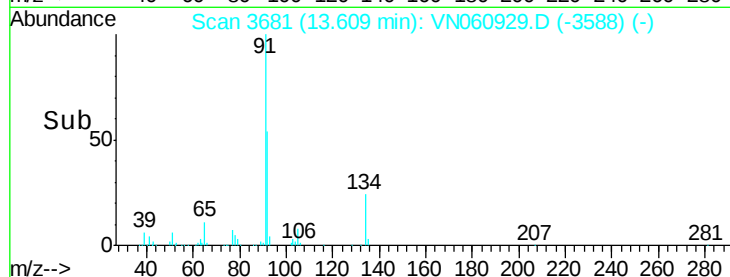
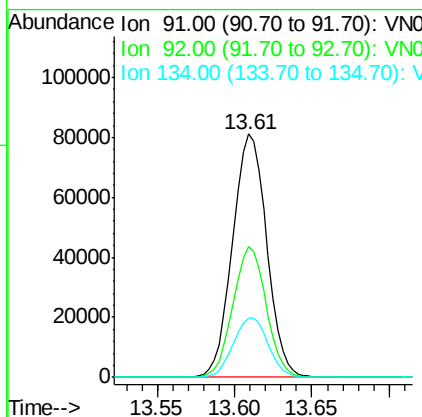
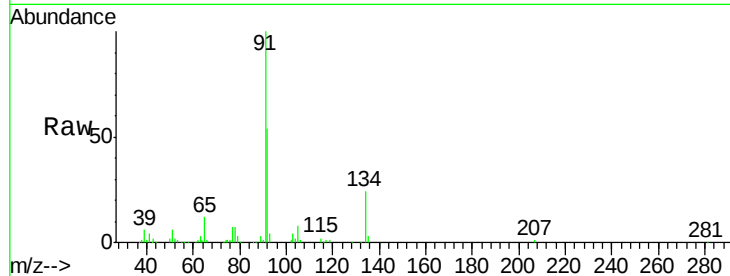
#89
n-Butylbenzene
Concen: 22.232 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.2	78.5
134	24.9	12.3	36.9

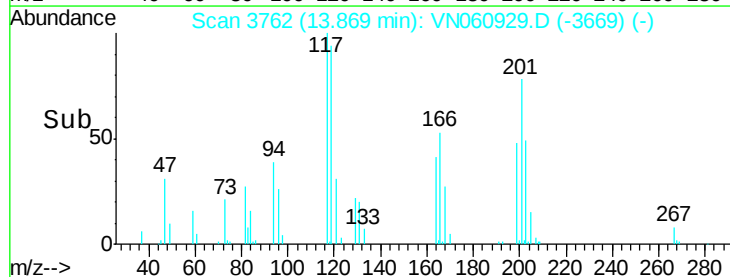
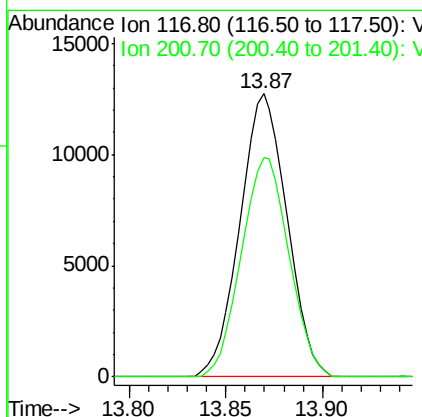
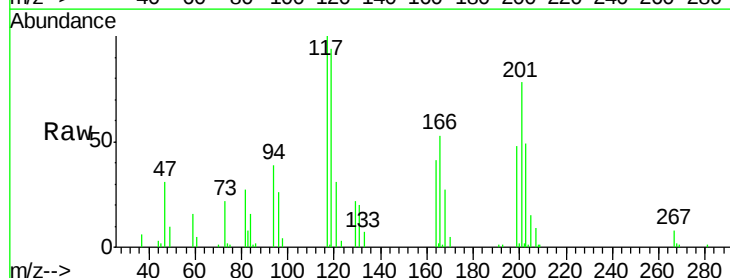
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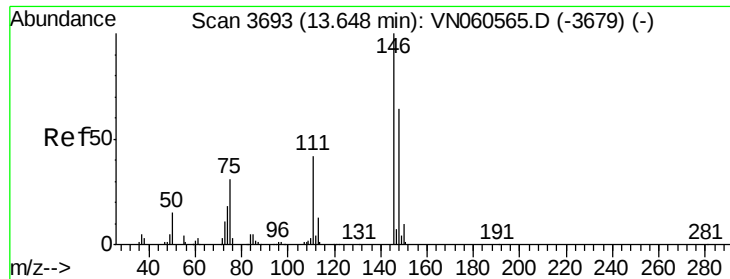
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#90
Hexachloroethane
Concen: 23.934 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.5	40.8	122.5





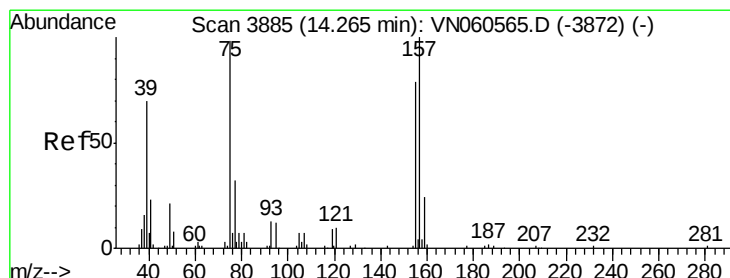
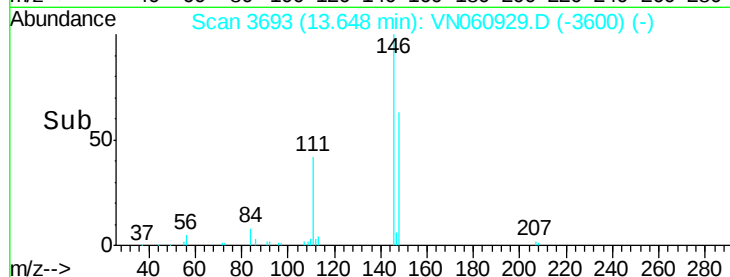
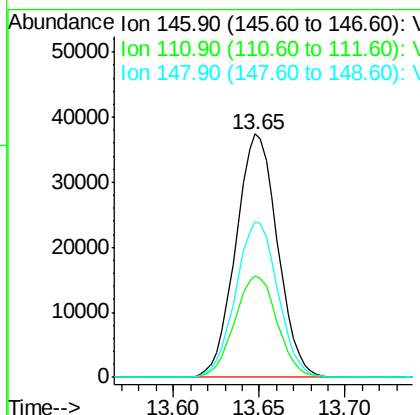
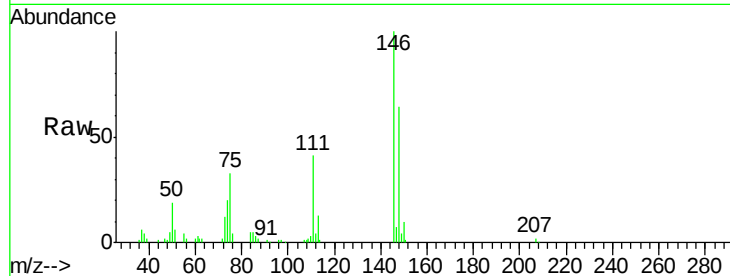
#91
 1,2-Dichlorobenzene
 Concen: 21.300 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. -0.00 min
 Lab File: VN060929.D
 Acq: 14 Apr 2020 13:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.0	63.0
148	64.5	31.9	95.5

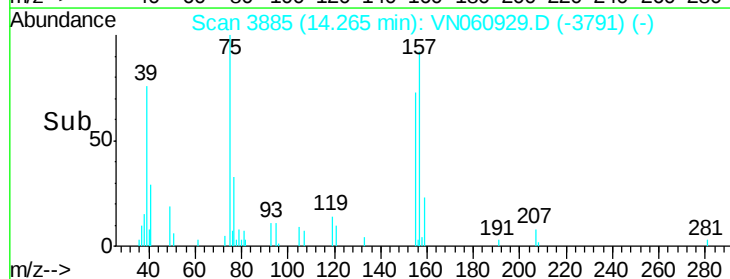
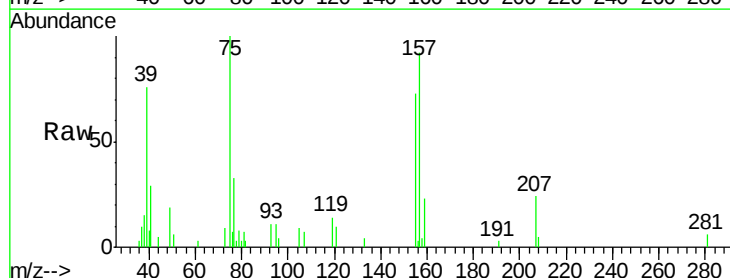
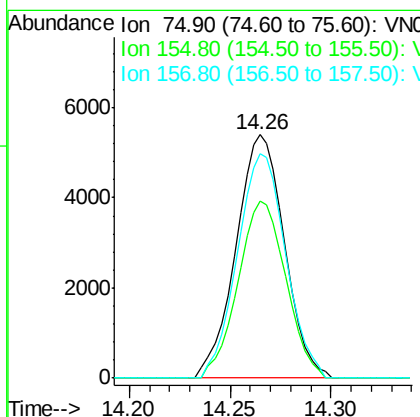
Manual Integrations
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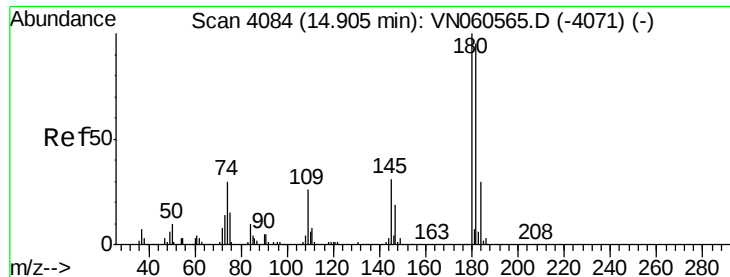
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.513 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN060929.D
 Acq: 14 Apr 2020 13:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.7	40.7	122.1
157	91.7	51.5	154.7





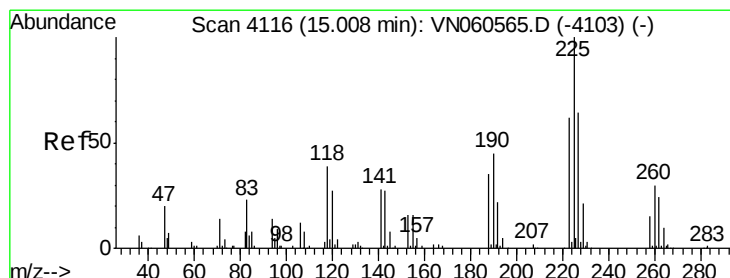
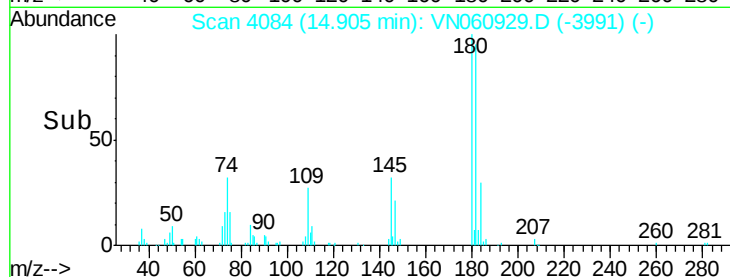
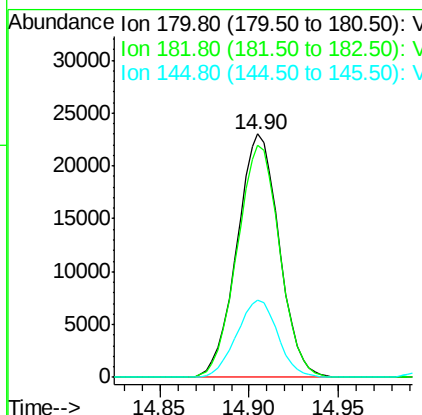
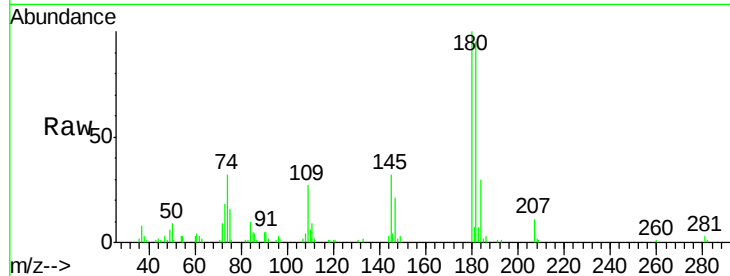
#93
 1,2,4-Trichlorobenzene
 Concen: 20.803 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN060929.D
 Acq: 14 Apr 2020 13:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.9	143.8
145	31.1	15.4	46.2

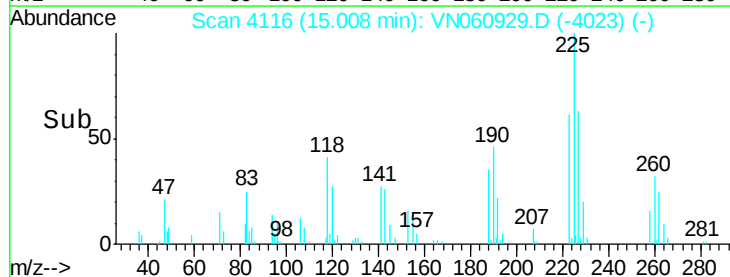
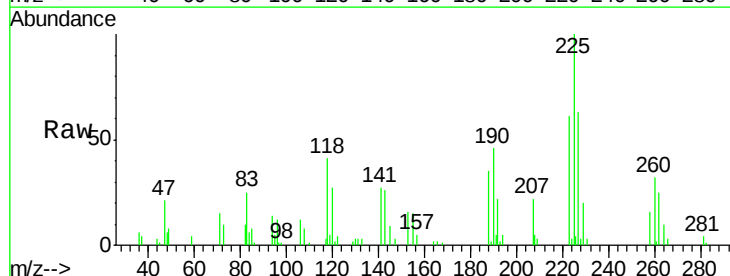
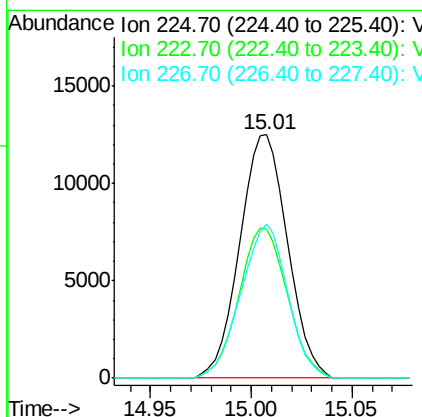
Manual Integrations
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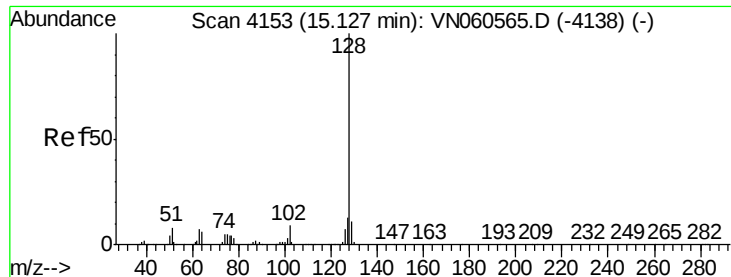
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 23.305 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060929.D
 Acq: 14 Apr 2020 13:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.6	95.0
227	61.9	32.3	96.8





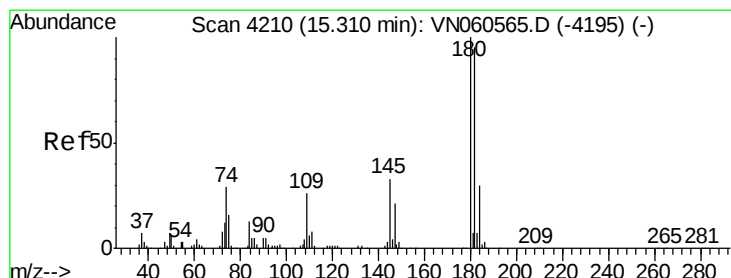
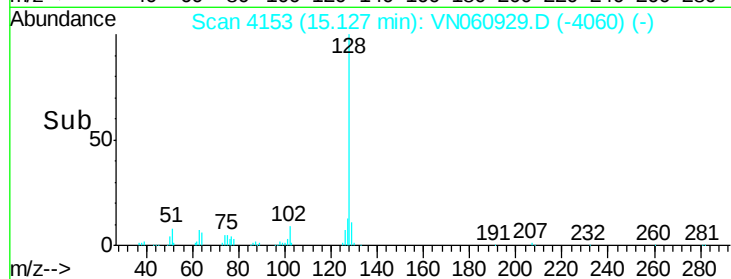
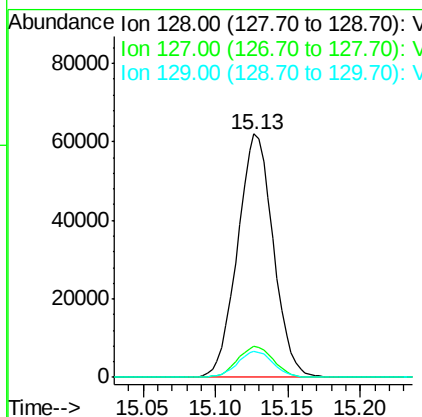
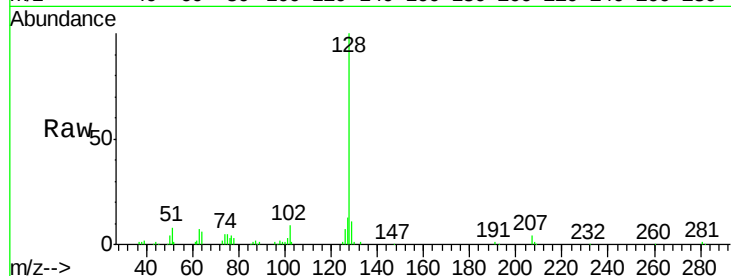
#95
Naphthalene
Concen: 19.451 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.8	8.8	13.2

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 20.793 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.5	142.6
145	33.1	16.3	48.8

