

Data File : VN049646.D
Acq On : 30 Jun 2018 14:26
Operator : MD\SY
Sample : VN0630WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBS01

Manual Integrations
APPROVED

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7/2/2018 4:18:09 PM

Quant Time: Jul 02 01:35:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 30 00:55:30 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1311990	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1921964	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1723224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	907939	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	773341	44.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.26%	
35) Dibromofluoromethane	7.59	113	672246	46.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.58%	
50) Toluene-d8	10.09	98	2580869	45.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.78%	
62) 4-Bromofluorobenzene	12.40	95	869905	45.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.60%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	294572	19.923	ug/l	99
3) Chloromethane	2.06	50	334299	18.103	ug/l	99
4) Vinyl Chloride	2.18	62	372199	18.766	ug/l	100
5) Bromomethane	2.57	94	192922	18.518	ug/l	99
6) Chloroethane	2.70	64	231208	18.418	ug/l	100
7) Trichlorofluoromethane	3.02	101	448696	19.805	ug/l	98
8) Diethyl Ether	3.41	74	173002	18.839	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	316754	19.433	ug/l	100
10) Methyl Iodide	3.95	142	418801	20.530	ug/l	99
11) Tert butyl alcohol	4.79	59	97517	98.083	ug/l	98
12) 1,1-Dichloroethene	3.73	96	281890	18.293	ug/l	98
13) Acrolein	3.61	56	96778	104.209	ug/l	98
14) Allyl chloride	4.32	41	442095	20.886	ug/l	99
15) Acrylonitrile	4.99	53	490359	95.492	ug/l	98
16) Acetone	3.82	43	360678	98.826	ug/l	99
17) Carbon Disulfide	4.05	76	759532	17.676	ug/l	100
18) Methyl Acetate	4.33	43	313312	16.793	ug/l	98
19) Methyl tert-butyl Ether	5.04	73	771425	19.419	ug/l	100
20) Methylene Chloride	4.54	84	331030	18.554	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	291571	18.385	ug/l	99
22) Diisopropyl ether	5.95	45	937860	19.584	ug/l	96
23) Vinyl Acetate	5.90	43	2899342	93.361	ug/l	99
24) 1,1-Dichloroethane	5.85	63	573039	18.994	ug/l	100
25) 2-Butanone	6.84	43	546447	95.003	ug/l	98
26) 2,2-Dichloropropane	6.82	77	488191	19.483	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	336332	18.985	ug/l	99
28) Bromochloromethane	7.19	49	221536	17.301	ug/l	98
29) Tetrahydrofuran	7.21	42	354250	96.630	ug/l	99
30) Chloroform	7.37	83	581852	18.920	ug/l	99
31) Cyclohexane	7.65	56	492637	18.583	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	504814	19.388	ug/l	98
36) 1,1-Dichloropropene	7.79	75	430648	19.916	ug/l	100
37) Ethyl Acetate	6.93	43	239845	19.017	ug/l	96
38) Carbon Tetrachloride	7.77	117	414736	19.717	ug/l	98

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Quant Title : SW846 8260
QLast Update : Sat Jun 30 00:55:30 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	460071	19.406	ug/l	99
40) Benzene	8.04	78	1285923	19.476	ug/l	99
41) Methacrylonitrile	7.18	41	128757	18.111	ug/l	93
42) 1,2-Dichloroethane	8.12	62	407012	19.316	ug/l	100
43) Isopropyl Acetate	8.17	43	497403	19.509	ug/l	98
44) Trichloroethene	8.83	130	374180	18.792	ug/l	98
45) 1,2-Dichloropropane	9.12	63	338536	19.846	ug/l	100
46) Dibromomethane	9.21	93	199434	19.325	ug/l	99
47) Bromodichloromethane	9.40	83	431631	19.647	ug/l	97
48) Methyl methacrylate	9.20	41	217999	19.451	ug/l	99
49) 1,4-Dioxane	9.20	88	61702	409.509	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	1244660	100.656	ug/l	99
52) Toluene	10.16	92	784533	19.668	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	401081	19.066	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	480242	19.533	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	291174	19.605	ug/l	98
56) Ethyl methacrylate	10.43	69	343179	19.712	ug/l	99
57) 1,3-Dichloropropane	10.71	76	476634	19.791	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	742358	89.096	ug/l	99
59) 2-Hexanone	10.75	43	827195	101.165	ug/l	99
60) Dibromochloromethane	10.90	129	319485	19.903	ug/l	100
61) 1,2-Dibromoethane	11.01	107	273412	19.213	ug/l	99
64) Tetrachloroethene	10.63	164	421793	18.077	ug/l	100
65) Chlorobenzene	11.44	112	857698	19.080	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	317453	19.653	ug/l	99
67) Ethyl Benzene	11.51	91	1447703	19.482	ug/l	99
68) m/p-Xylenes	11.62	106	1150247	40.391	ug/l	98
69) o-Xylene	11.95	106	542871	19.911	ug/l	99
70) Styrene	11.97	104	884364	20.047	ug/l	100
71) Bromoform	12.13	173	209064	19.479	ug/l #	99
73) Isopropylbenzene	12.25	105	1447805	20.019	ug/l	99
74) N-amyl acetate	12.07	43	370826	18.771	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	318046	20.347	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	295034m	20.261	ug/l	
77) Bromobenzene	12.53	156	372422	18.938	ug/l	98
78) n-propylbenzene	12.59	91	1670008	20.148	ug/l	100
79) 2-Chlorotoluene	12.68	91	1009857	19.251	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1241761	20.662	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	81021	18.898	ug/l	98
82) 4-Chlorotoluene	12.77	91	1012784	19.202	ug/l	99
83) tert-Butylbenzene	12.99	119	1031956	19.989	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1252349	20.280	ug/l	100
85) sec-Butylbenzene	13.17	105	1410493	20.621	ug/l	100
86) p-Isopropyltoluene	13.29	119	1222412	20.633	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	664132	19.600	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	655008	19.757	ug/l	100
89) n-Butylbenzene	13.62	91	988854	19.496	ug/l	100
90) Hexachloroethane	13.88	117	153861	24.724	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	659063	19.936	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	51282	19.701	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN063018\
Quantitation Report (QT Reviewed)

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Quant Time: Jul 02 01:35:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 30 00:55:30 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	274539	18.026	ug/l	98
94) Hexachlorobutadiene	15.01	225	219625	21.503	ug/l	98
95) Naphthalene	15.14	128	540392	17.512	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	282255	18.830	ug/l	99

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

Data File : VN049646.D

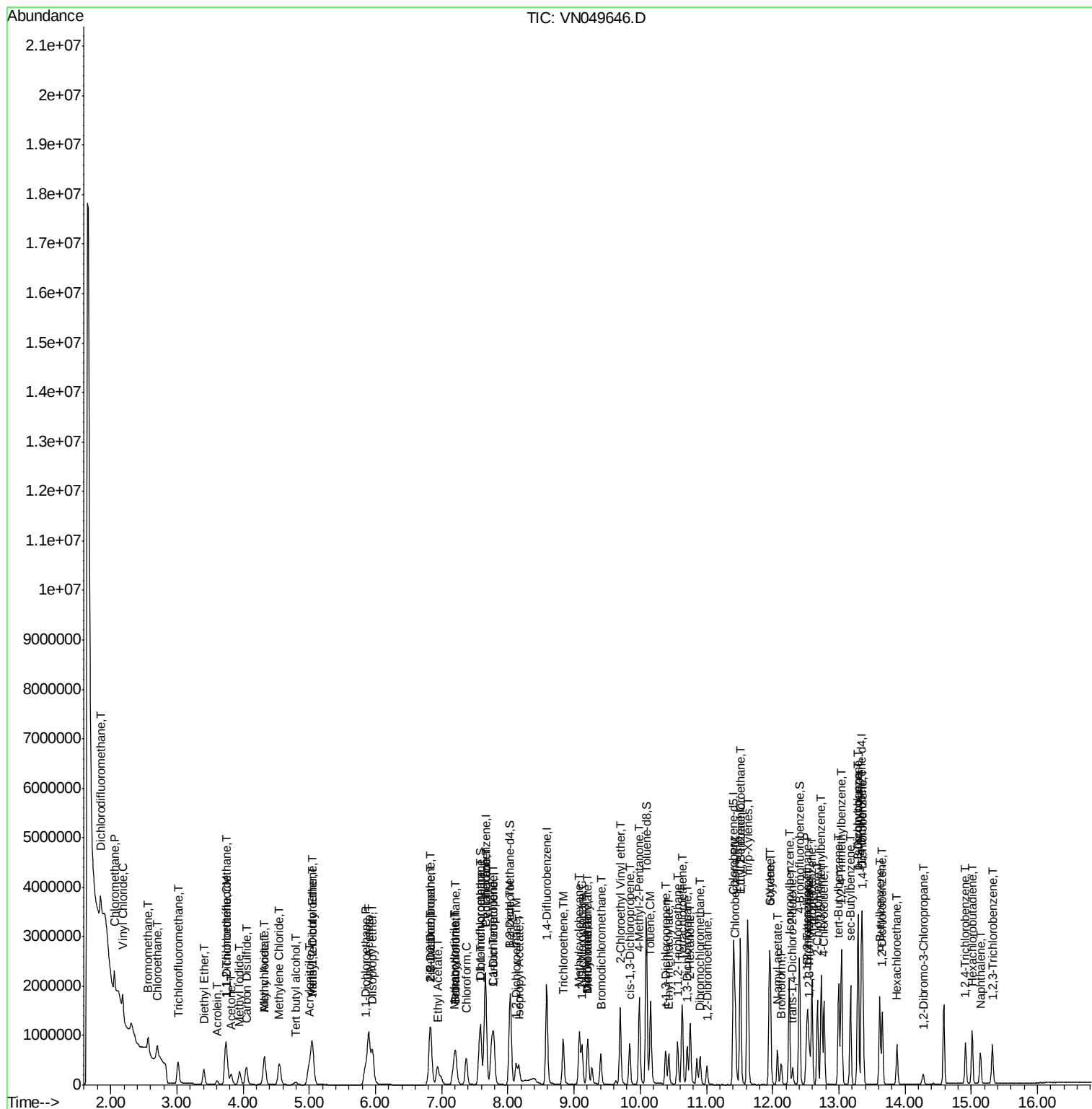
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Acq On       : 30 Jun 2018   14:26
Operator    : MD\SY
Sample      : VN0630WBS01
Misc       : 5.00mL/MSVOA_N/WATER
ALS Vial    : 4      Sample Multiplier: 1
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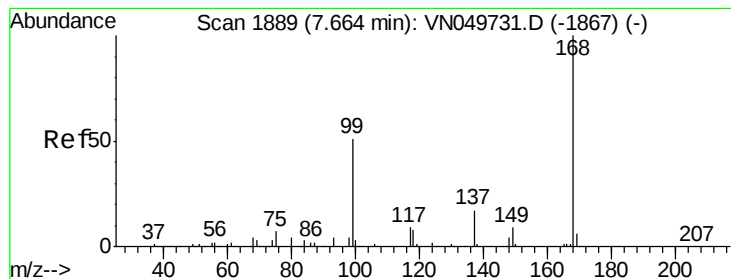
Instrument :
MSVOA_N
ClientSampleId :
VN0630WBS01

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7/2/2018 4:18:09 PM

Quant Time: Jul 02 01:35:11 2018
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049646.D

Acq: 30 Jun 2018 14:26

Instrument :

MSVOA_N

ClientSampled :

VN0630WBS01

Tgt Ion:168 Resp: 1311990

Ion Ratio Lower Upper

168 100

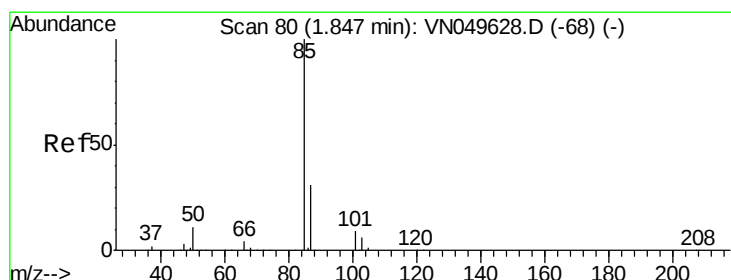
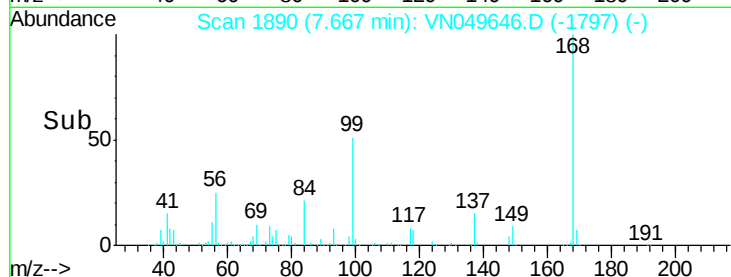
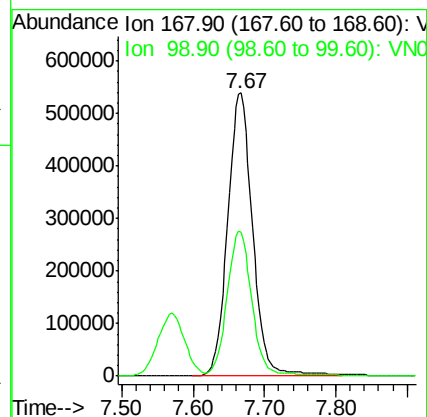
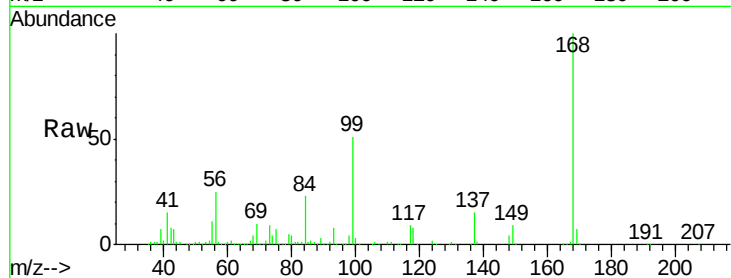
99 50.4 40.6 61.0

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 19.923 ug/l

RT: 1.85 min Scan# 80

Delta R.T. 0.00 min

Lab File: VN049646.D

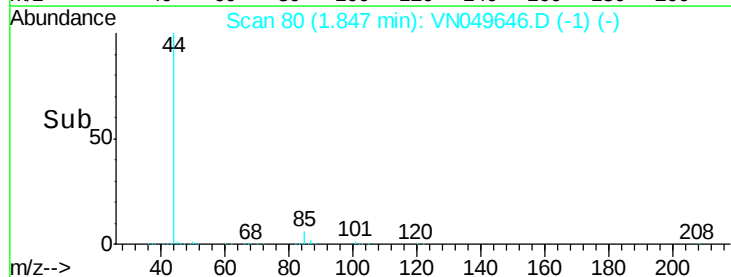
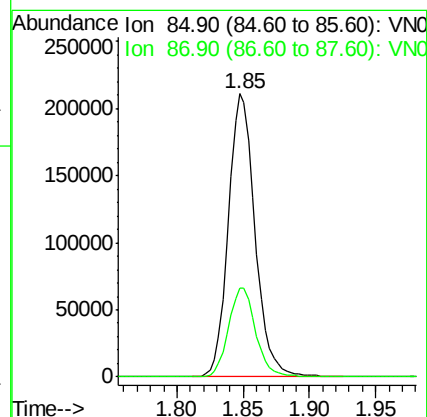
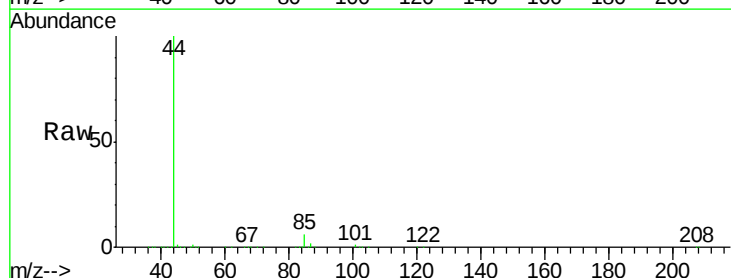
Acq: 30 Jun 2018 14:26

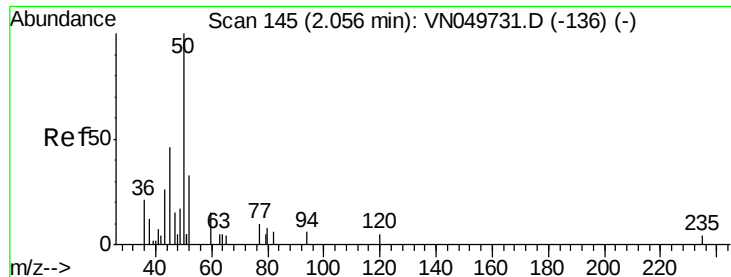
Tgt Ion: 85 Resp: 294572

Ion Ratio Lower Upper

85 100

87 31.4 15.4 46.1





#3

Chloromethane

Concen: 18.103 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049646.D

Acq: 30 Jun 2018 14:26

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBS01

Tgt Ion: 50 Resp: 334299

Ion Ratio Lower Upper

50 100

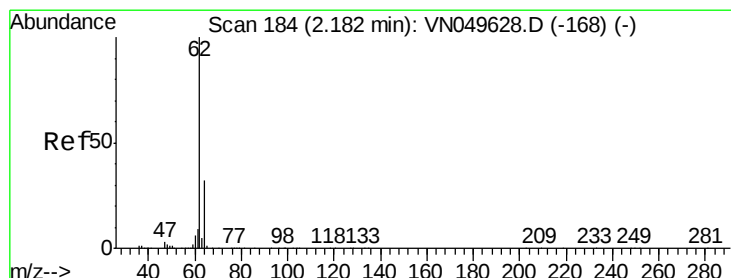
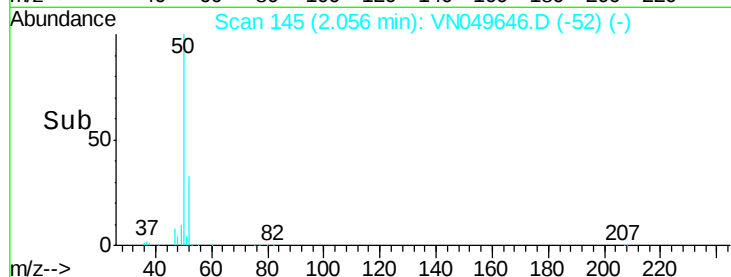
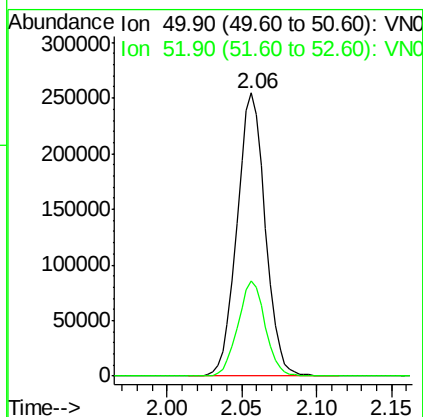
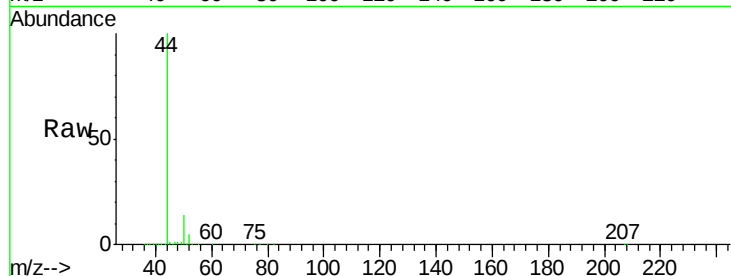
52 33.4 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.766 ug/l

RT: 2.18 min Scan# 184

Delta R.T. 0.00 min

Lab File: VN049646.D

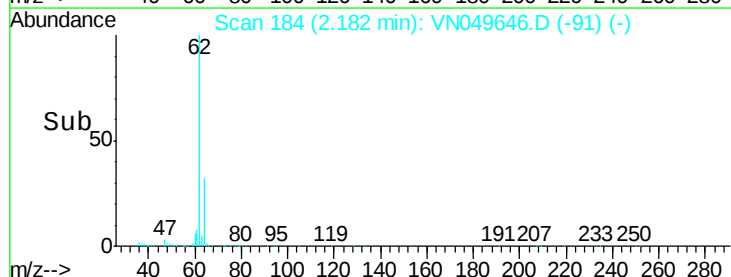
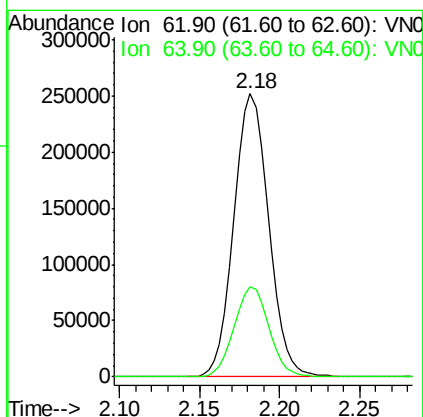
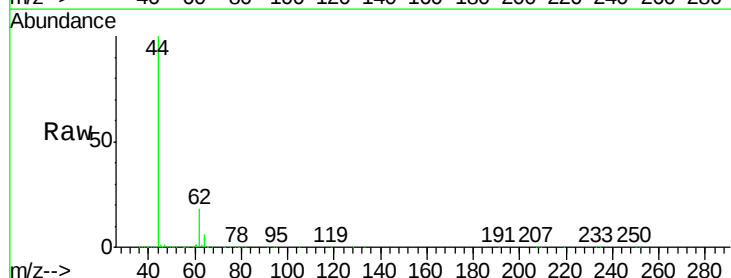
Acq: 30 Jun 2018 14:26

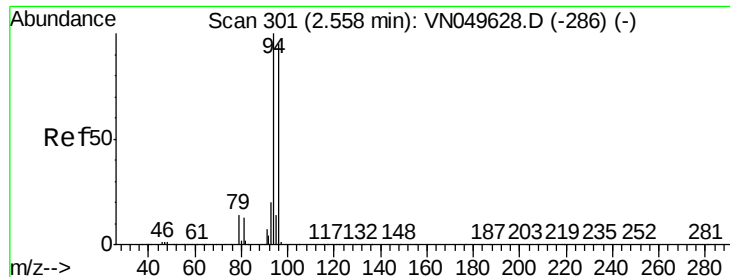
Tgt Ion: 62 Resp: 372199

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.0





#5

Bromomethane

Concen: 18.518 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.01 min

Lab File: VN049646.D

Acq: 30 Jun 2018 14:26

Instrument :

MSVOA_N

ClientSampled :

VN0630WBS01

Tgt Ion: 94 Resp: 192922

Ion Ratio Lower Upper

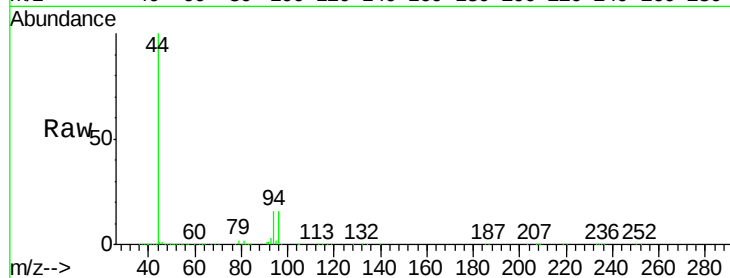
94 100

96 95.9 75.7 113.5

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

Ion 95.90 (95.60 to 96.60): VN0

120000

100000

80000

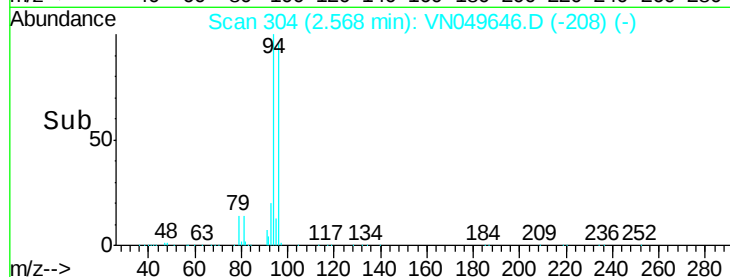
60000

40000

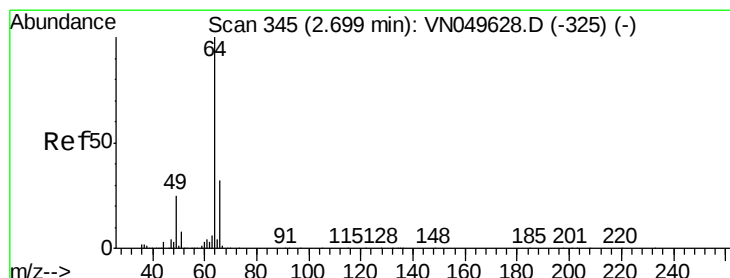
20000

0

Time-->



Time-->



#6

Chloroethane

Concen: 18.418 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN049646.D

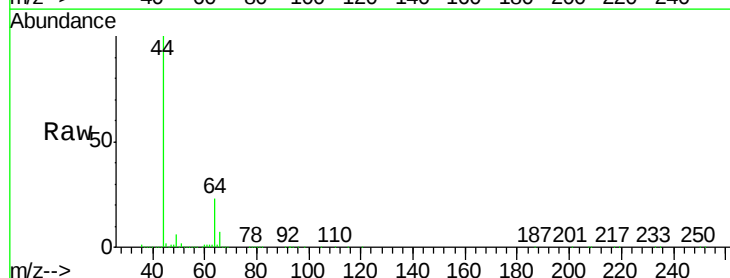
Acq: 30 Jun 2018 14:26

Tgt Ion: 64 Resp: 231208

Ion Ratio Lower Upper

64 100

66 32.1 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

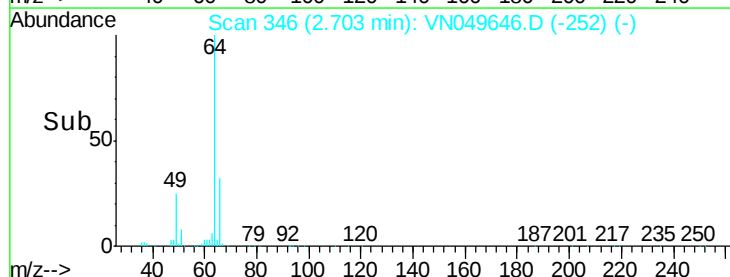
Ion 65.90 (65.60 to 66.60): VN0

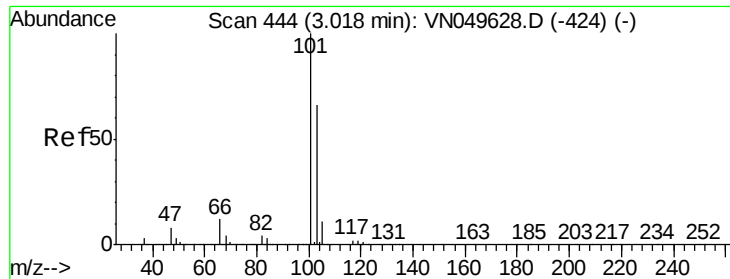
100000

50000

0

Time-->





#7

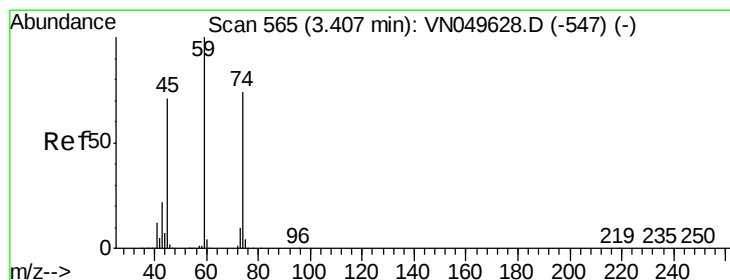
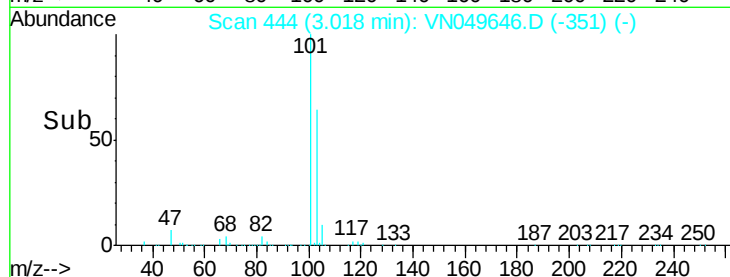
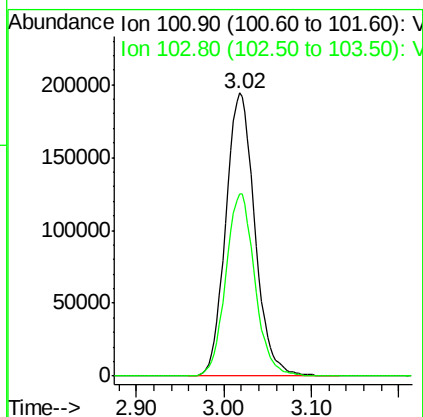
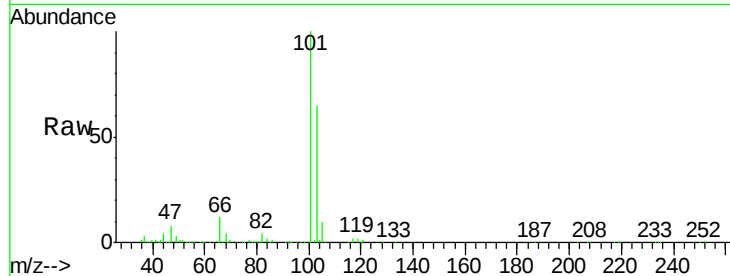
Trichlorofluoromethane
Concen: 19.805 ug/l
RT: 3.02 min Scan# 444
Delta R.T. 0.00 min
Lab File: VN049646.D
Acq: 30 Jun 2018 14:26

Instrument :
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ClientSampleId :
VN0630WBS01

Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.4	52.8	79.2

Manual Integrations
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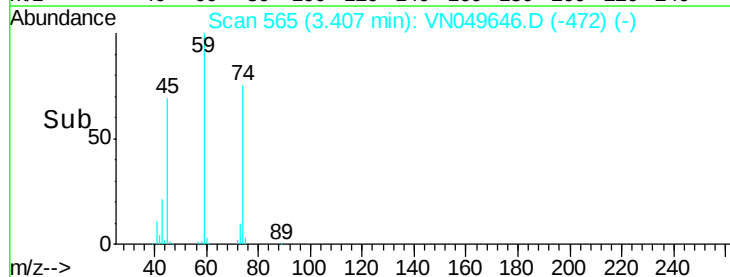
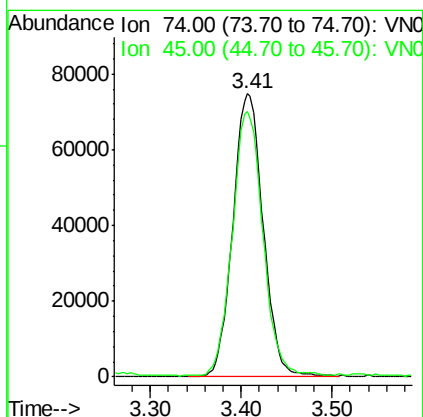
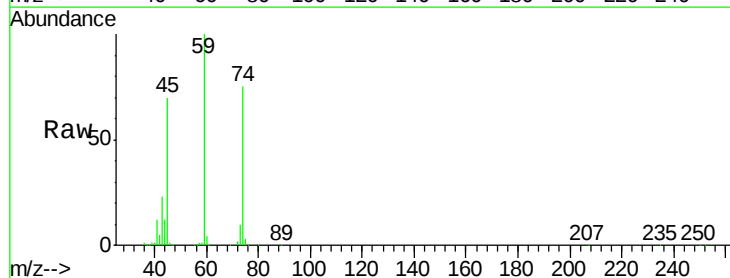
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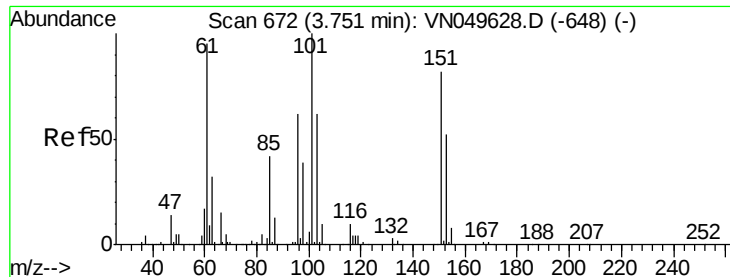


#8

Diethyl Ether
Concen: 18.839 ug/l
RT: 3.41 min Scan# 565
Delta R.T. 0.00 min
Lab File: VN049646.D
Acq: 30 Jun 2018 14:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.1	48.4	145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.433 ug/l

RT: 3.75 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN049646.D

Acq: 30 Jun 2018 14:26

Instrument :

MSVOA_N

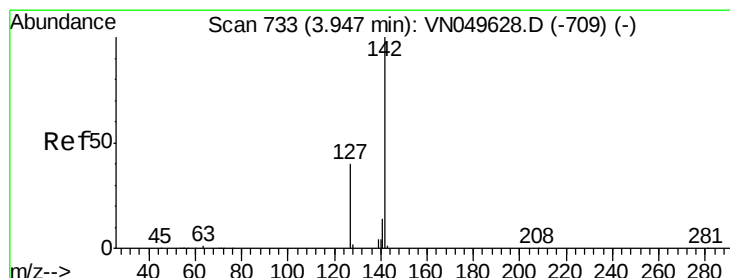
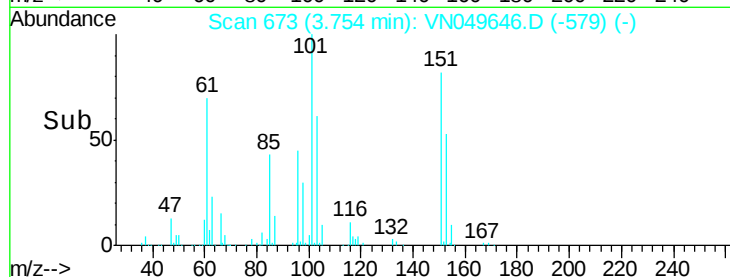
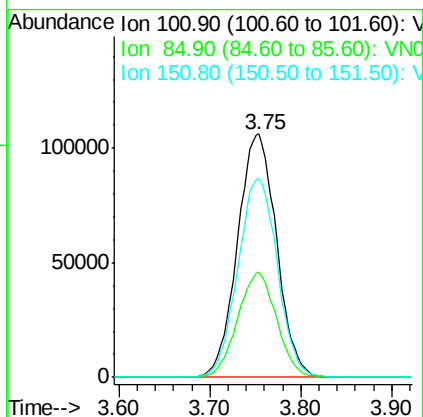
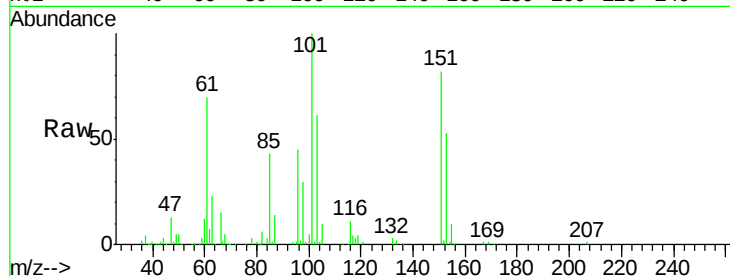
ClientSampled :

VN0630WBS01

Tgt Ion:	101	Resp:	316754
Ion Ratio	Lower	Upper	
101	100		
85	42.9	34.4	51.6
151	82.6	66.2	99.4

Manual Integrations
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#10

Methyl Iodide

Concen: 20.530 ug/l

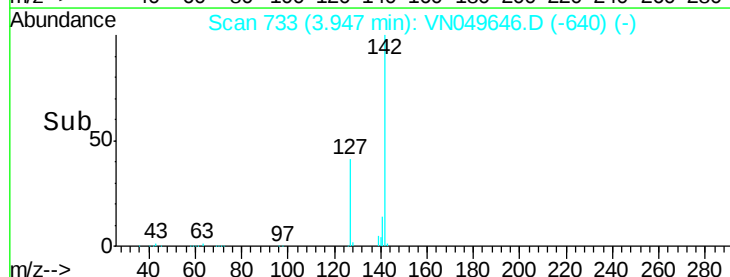
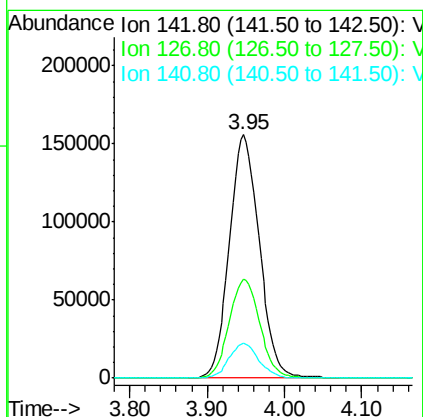
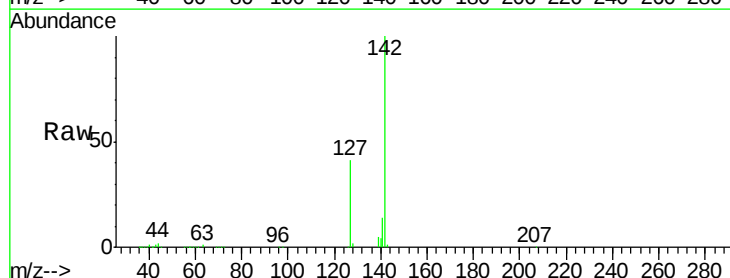
RT: 3.95 min Scan# 733

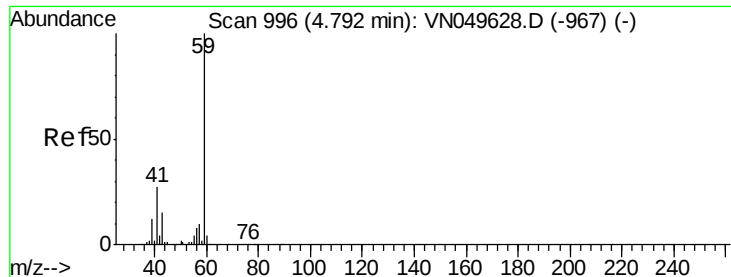
Delta R.T. 0.00 min

Lab File: VN049646.D

Acq: 30 Jun 2018 14:26

Tgt Ion:	142	Resp:	418801
Ion Ratio	Lower	Upper	
142	100		
127	41.6	32.5	48.7
141	14.2	11.1	16.7





#11

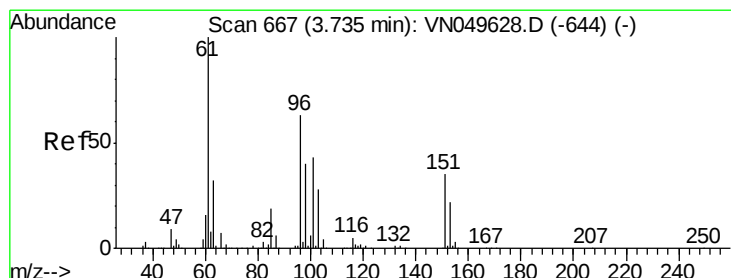
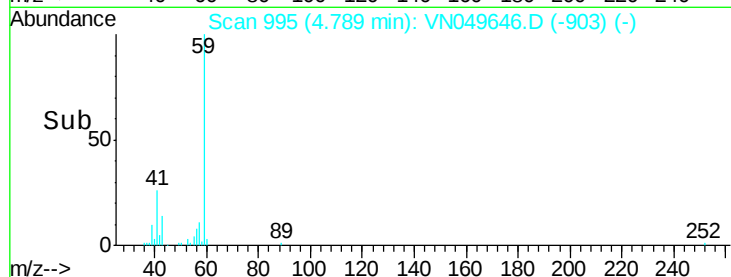
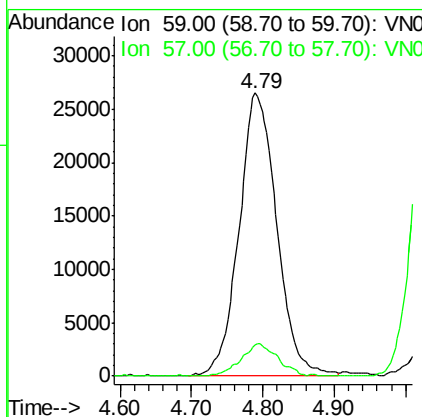
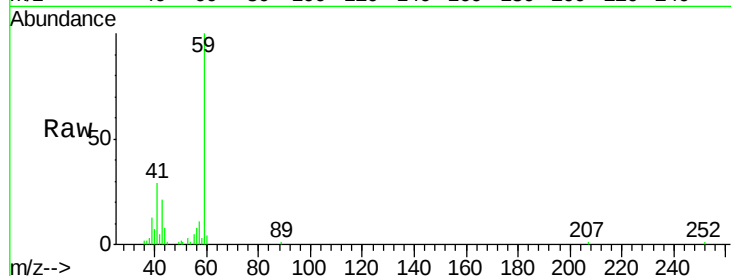
Tert butyl alcohol
 Concen: 98.083 ug/l
 RT: 4.79 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: VN049646.D
 Acq: 30 Jun 2018 14:26

Instrument :
 MSVOA_N
 ClientSampled :
 VN0630WBS01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	11.2	8.5	12.7

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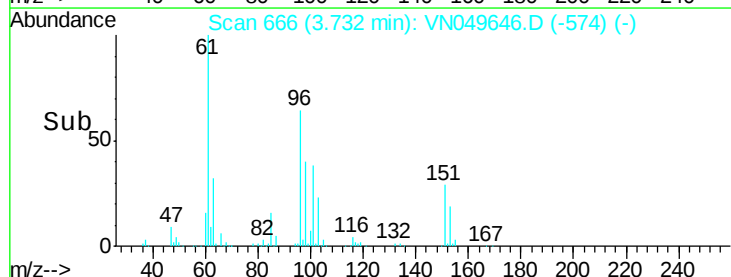
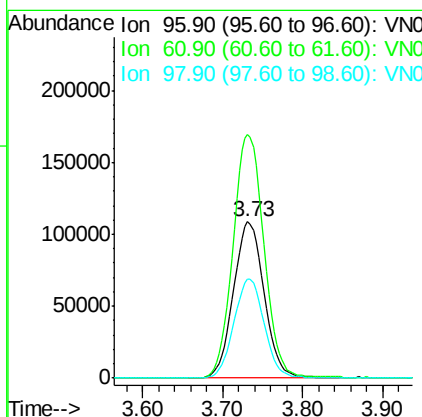
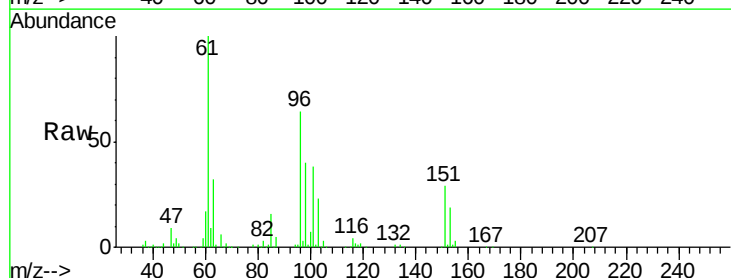
apatel
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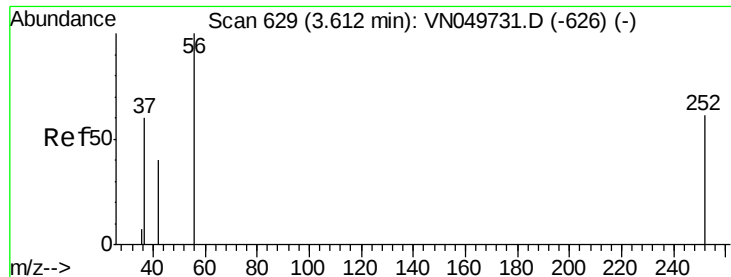


#12

1,1-Dichloroethene
 Concen: 18.293 ug/l
 RT: 3.73 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: VN049646.D
 Acq: 30 Jun 2018 14:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.8	126.5	189.7
98	63.0	51.0	76.6





#13

Acrolein

Concen: 104.209 ug/l

RT: 3.61 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN049646.D

Acq: 30 Jun 2018 14:26

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBS01

Tgt Ion: 56 Resp: 96778

Ion Ratio Lower Upper

56 100

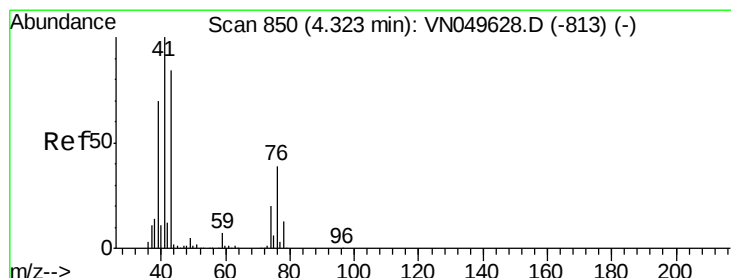
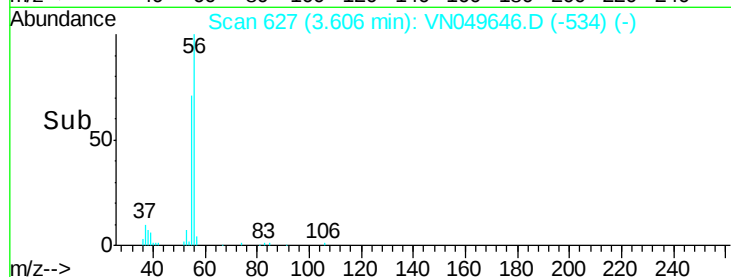
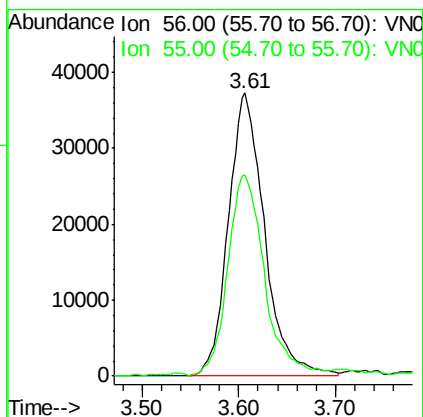
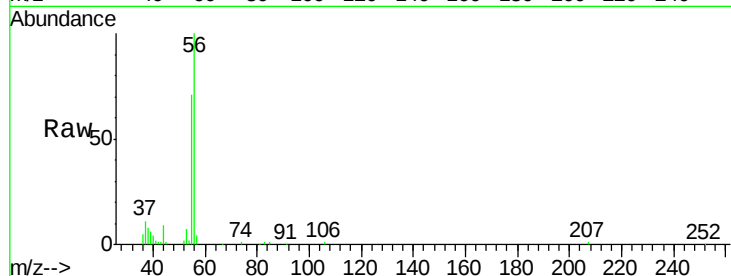
55 71.8 55.8 83.8

Manual Integrations

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#14

Allyl chloride

Concen: 20.886 ug/l

RT: 4.32 min Scan# 849

Delta R.T. -0.00 min

Lab File: VN049646.D

Acq: 30 Jun 2018 14:26

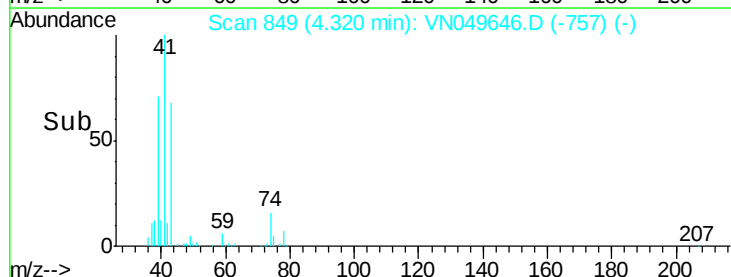
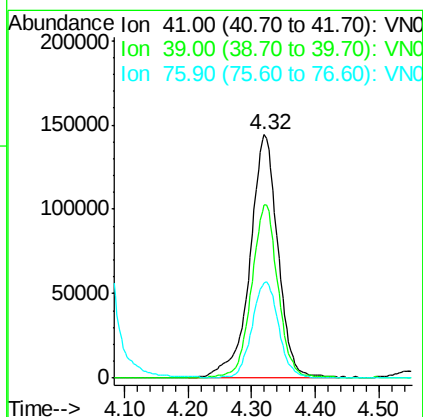
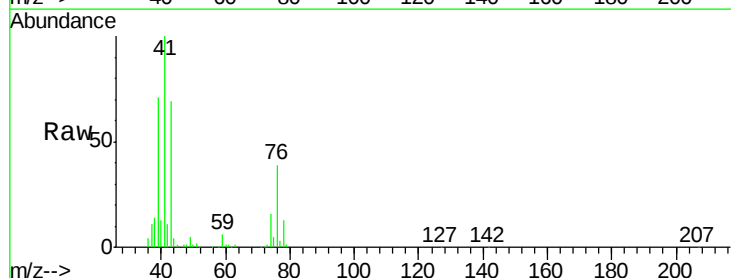
Tgt Ion: 41 Resp: 442095

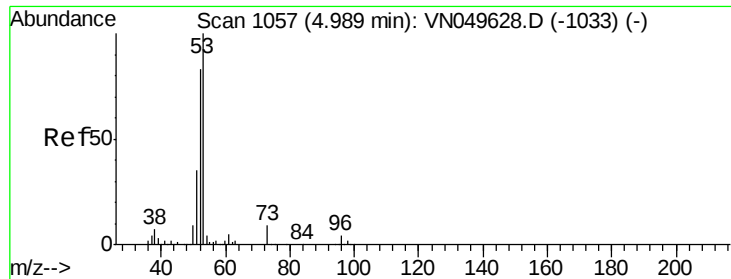
Ion Ratio Lower Upper

41 100

39 67.2 53.2 79.8

76 36.7 29.0 43.6





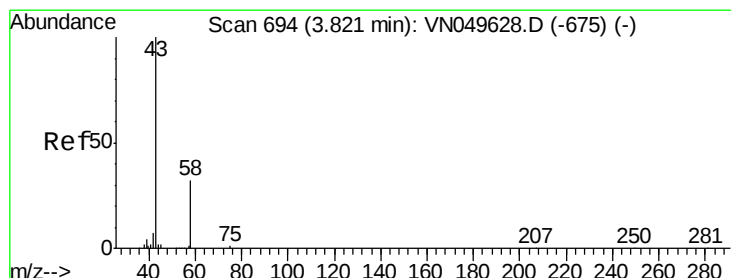
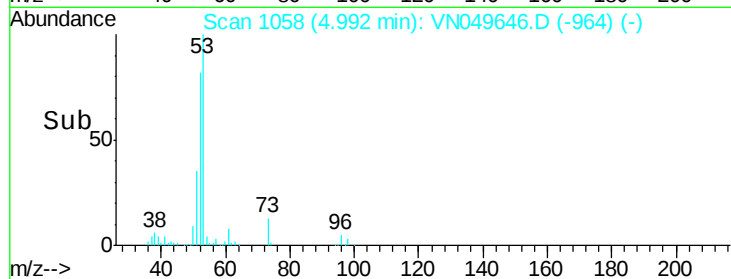
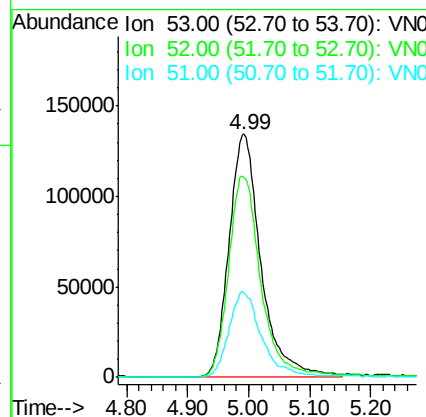
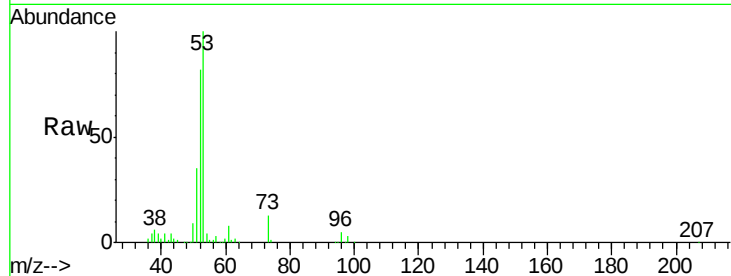
#15
 Acrylonitrile
 Concen: 95.492 ug/l
 RT: 4.99 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: VN049646.D
 Acq: 30 Jun 2018 14:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBS01

Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.0	64.8	97.2
51	36.1	28.9	43.3

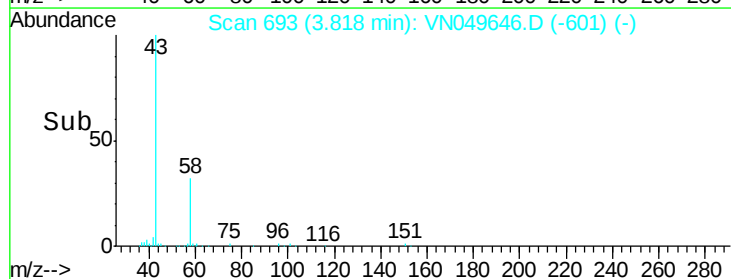
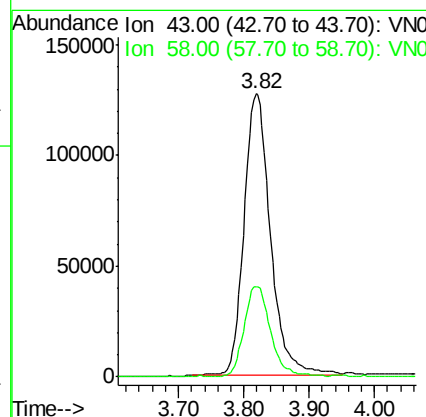
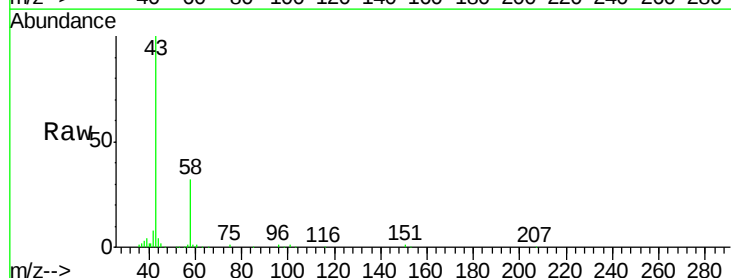
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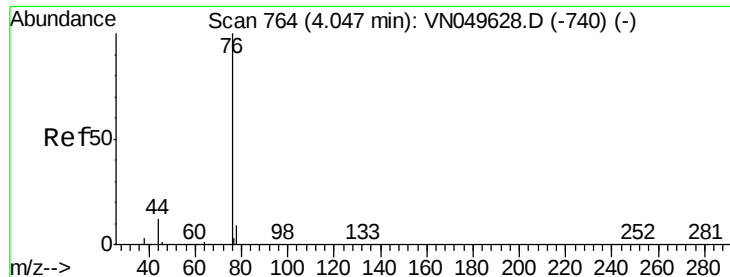
apatel
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#16
 Acetone
 Concen: 98.826 ug/l
 RT: 3.82 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: VN049646.D
 Acq: 30 Jun 2018 14:26

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.7	25.9	38.9





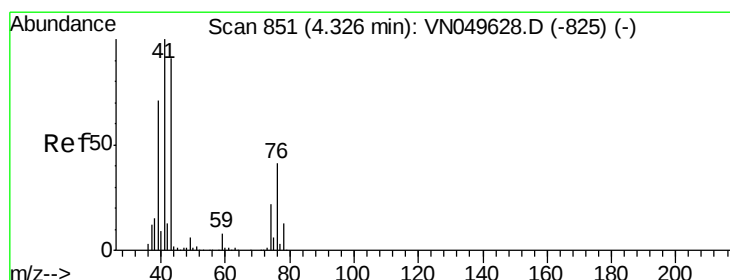
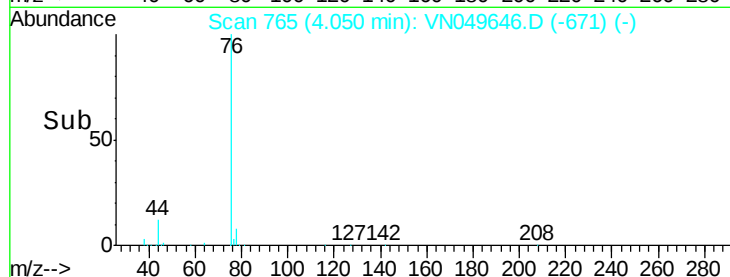
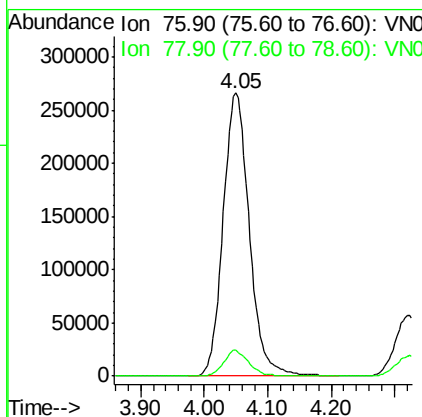
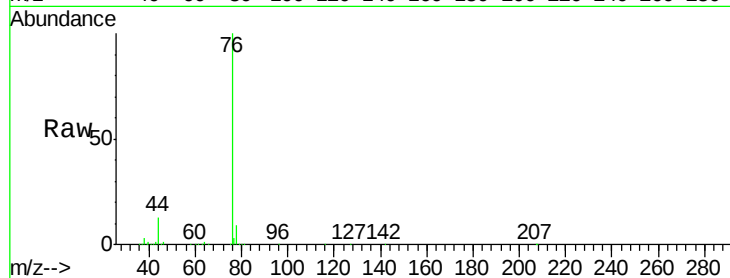
#17
Carbon Disulfide
Concen: 17.676 ug/l
RT: 4.05 min Scan# 765
Delta R.T. 0.00 min
Lab File: VN049646.D
Acq: 30 Jun 2018 14:26

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBS01

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.1	10.7

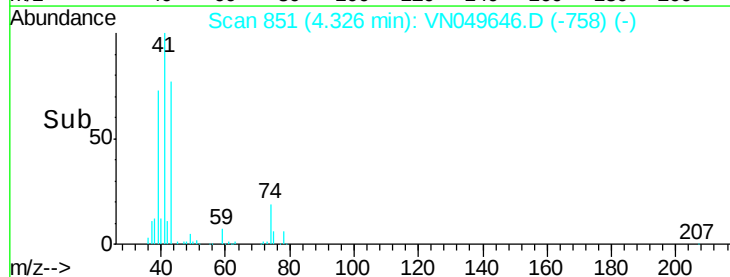
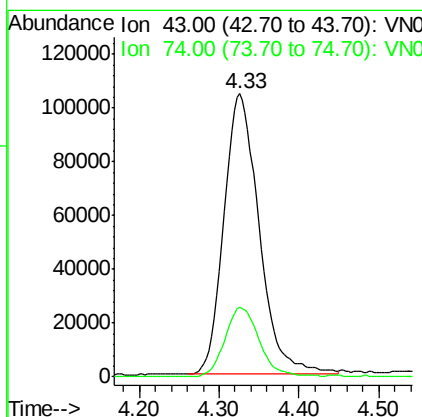
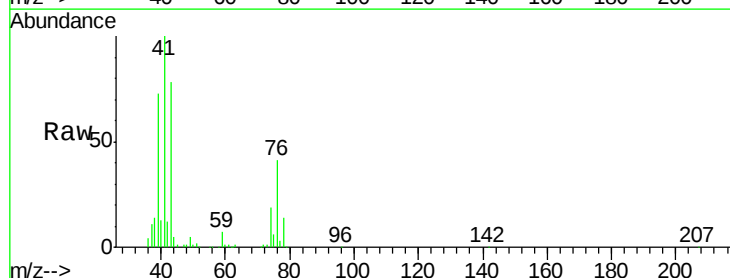
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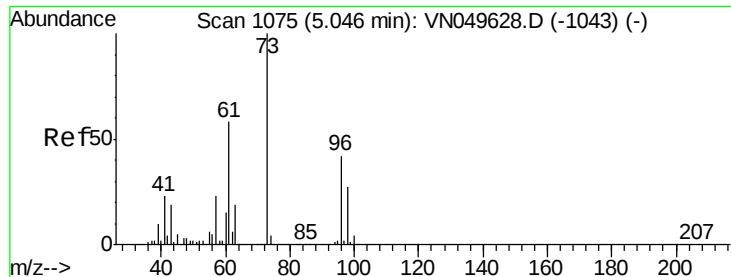
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#18
Methyl Acetate
Concen: 16.793 ug/l
RT: 4.33 min Scan# 851
Delta R.T. 0.00 min
Lab File: VN049646.D
Acq: 30 Jun 2018 14:26

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	19.8	29.8





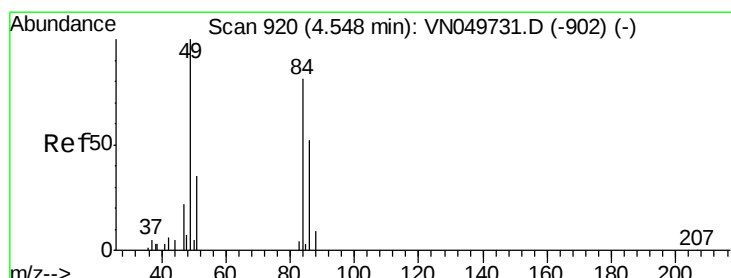
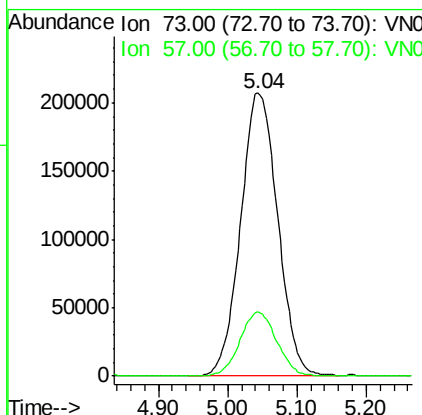
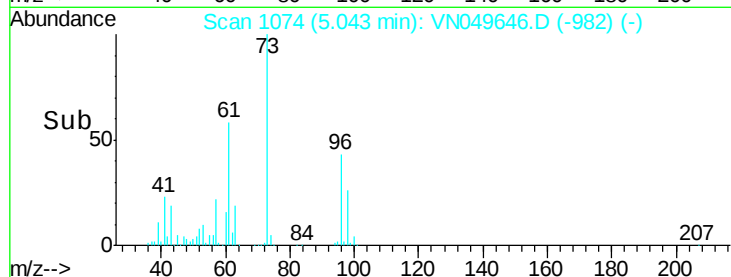
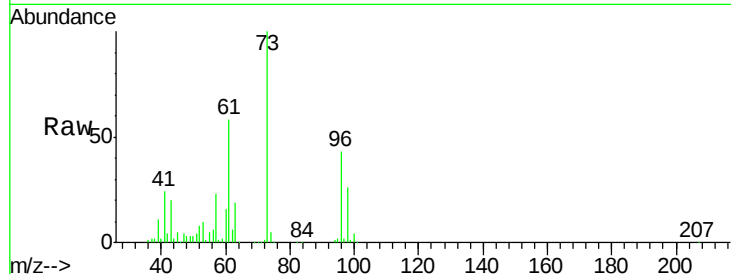
#19
Methyl tert-butyl Ether
Concen: 19.419 ug/l
RT: 5.04 min Scan# 1074
Delta R.T. -0.00 min
Lab File: VN049646.D
Acq: 30 Jun 2018 14:26

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBS01

Tgt Ion: 73 Resp: 771425
Ion Ratio Lower Upper
73 100
57 22.7 18.1 27.1

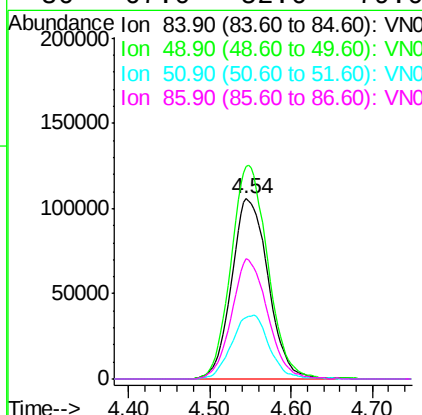
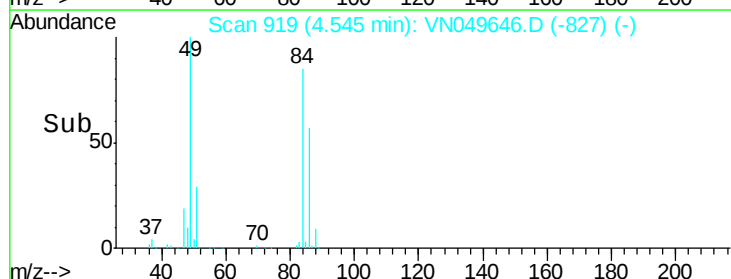
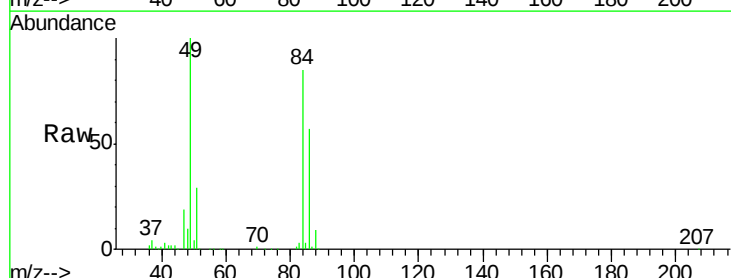
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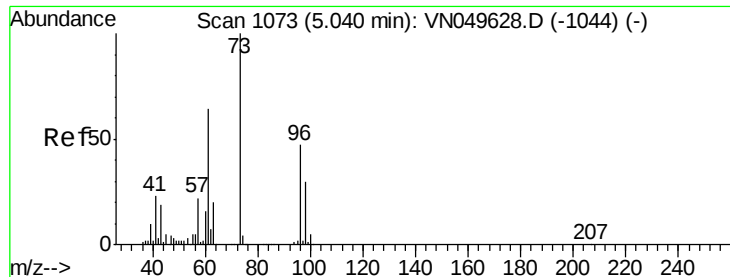
apatel
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#20
Methylene Chloride
Concen: 18.554 ug/l
RT: 4.54 min Scan# 919
Delta R.T. -0.00 min
Lab File: VN049646.D
Acq: 30 Jun 2018 14:26

Tgt Ion: 84 Resp: 331030
Ion Ratio Lower Upper
84 100
49 118.0 95.4 143.2
51 34.4 28.4 42.6
86 67.0 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 18.385 ug/l

RT: 5.04 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VN049646.D

Acq: 30 Jun 2018 14:26

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBS01

Tgt Ion: 96 Resp: 291571

Ion Ratio Lower Upper

96 100

61 135.7 109.0 163.6

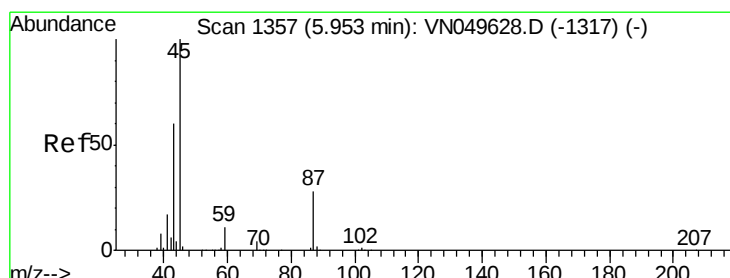
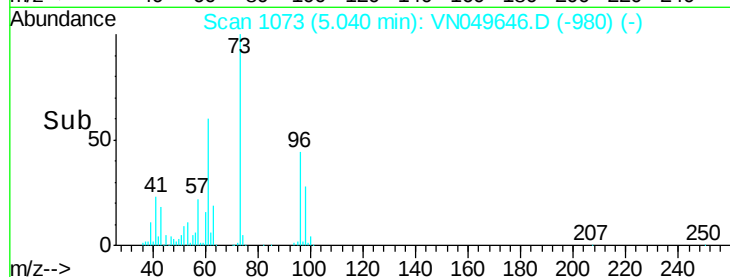
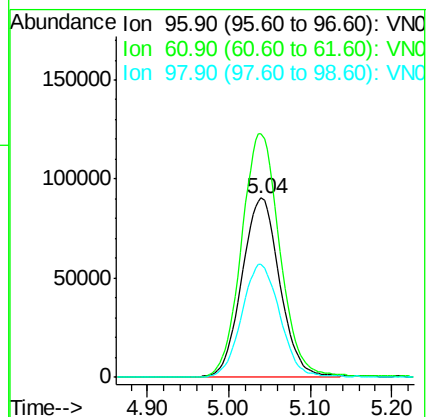
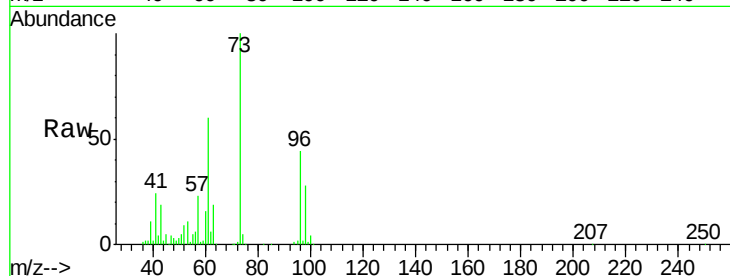
98 62.8 51.1 76.7

Manual Integrations

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#22

Diisopropyl ether

Concen: 19.584 ug/l

RT: 5.95 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VN049646.D

Acq: 30 Jun 2018 14:26

Tgt Ion: 45 Resp: 937860

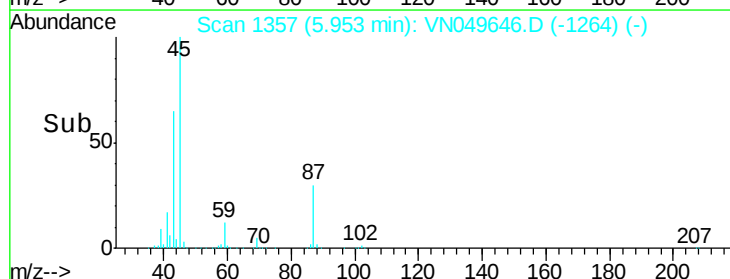
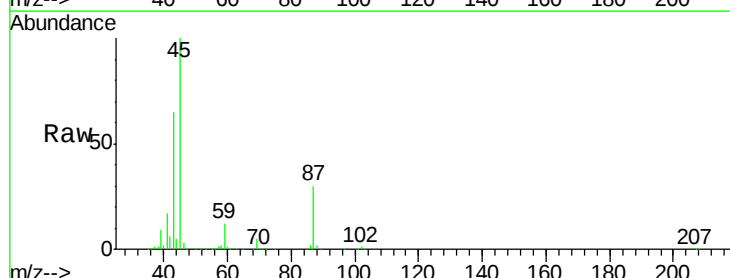
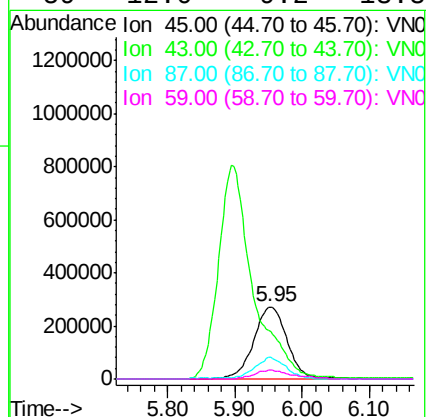
Ion Ratio Lower Upper

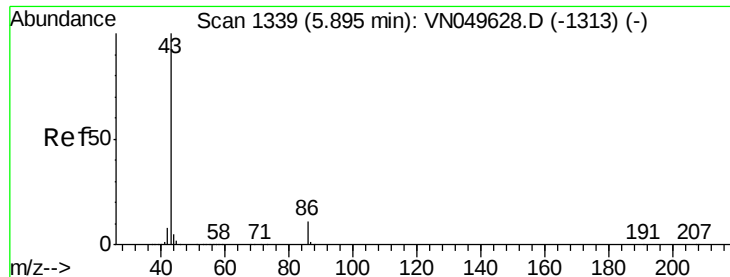
45 100

43 64.1 48.1 72.1

87 29.6 22.6 34.0

59 12.0 9.2 13.8





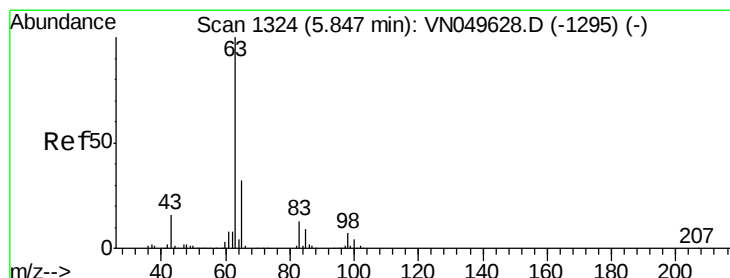
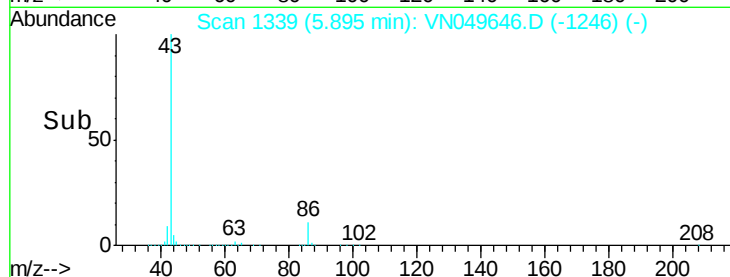
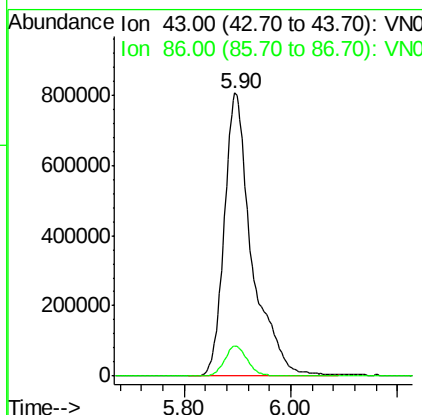
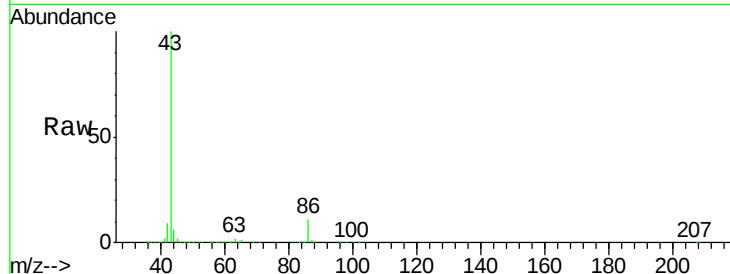
#23
 Vinyl Acetate
 Concen: 93.361 ug/l
 RT: 5.90 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: VN049646.D
 Acq: 30 Jun 2018 14:26

Instrument :
 MSVOA_N
 ClientSampled :
 VN0630WBS01

Tgt Ion: 43 Resp: 2899342
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.4 12.6

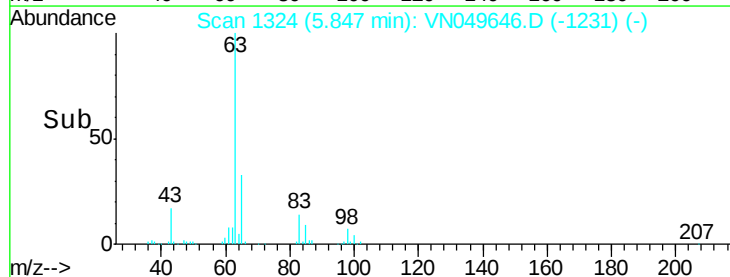
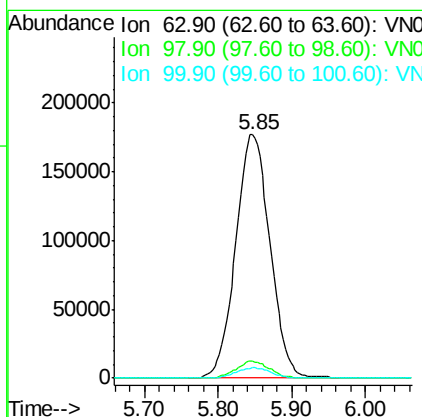
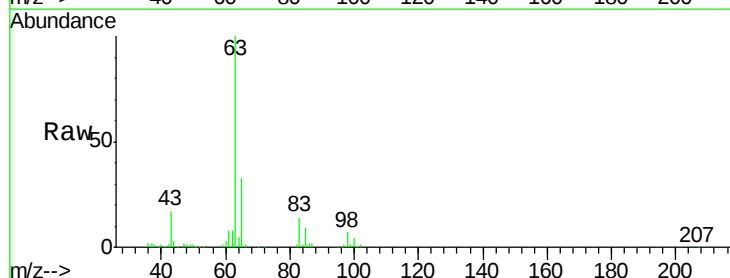
Manual Integrations
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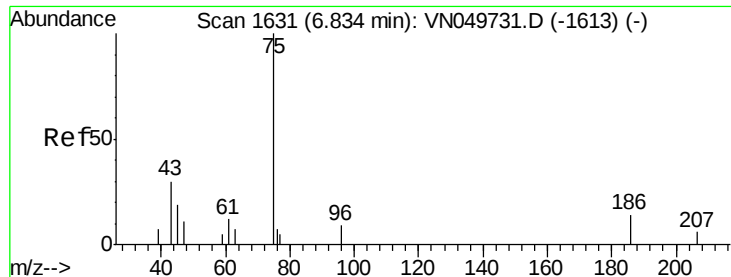
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#24
 1,1-Dichloroethane
 Concen: 18.994 ug/l
 RT: 5.85 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VN049646.D
 Acq: 30 Jun 2018 14:26

Tgt Ion: 63 Resp: 573039
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.2
 100 4.1 2.2 6.6





#25

2-Butanone

Concen: 95.003 ug/l

RT: 6.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VN049646.D

Acq: 30 Jun 2018 14:26

Instrument :

MSVOA_N

ClientSampled :

VN0630WBS01

Tgt Ion: 43 Resp: 546447

Ion Ratio Lower Upper

43 100

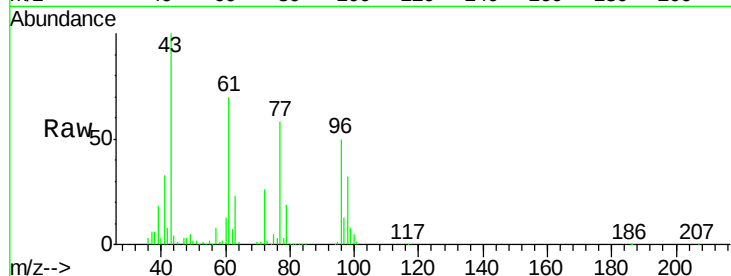
72 26.3 22.1 33.1

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.84

200000

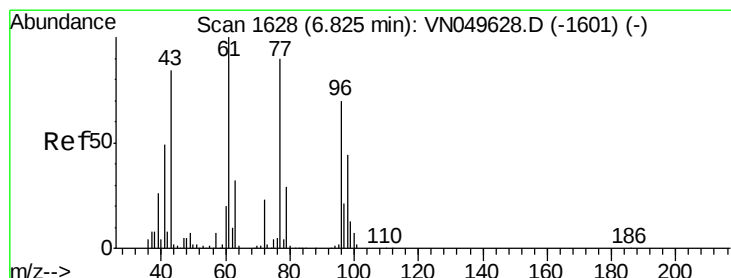
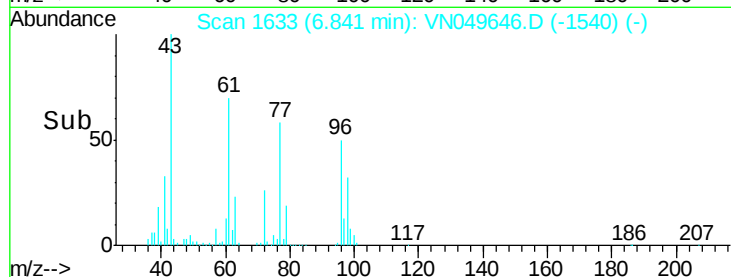
150000

100000

50000

0

Time--> 6.70 6.75 6.80 6.85 6.90



#26

2,2-Dichloropropane

Concen: 19.483 ug/l

RT: 6.82 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VN049646.D

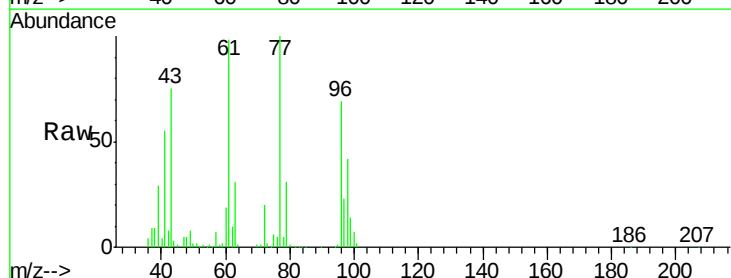
Acq: 30 Jun 2018 14:26

Tgt Ion: 77 Resp: 488191

Ion Ratio Lower Upper

77 100

97 22.8 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.82

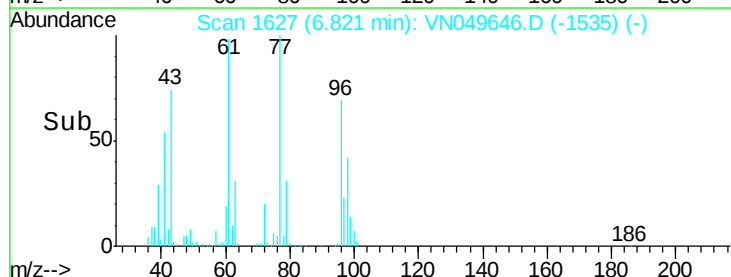
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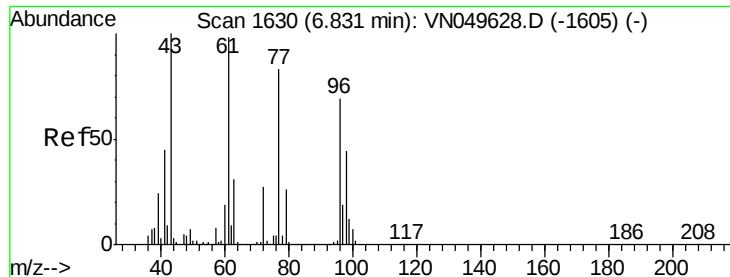
100000

50000

0

Time--> 6.70 6.80 6.90





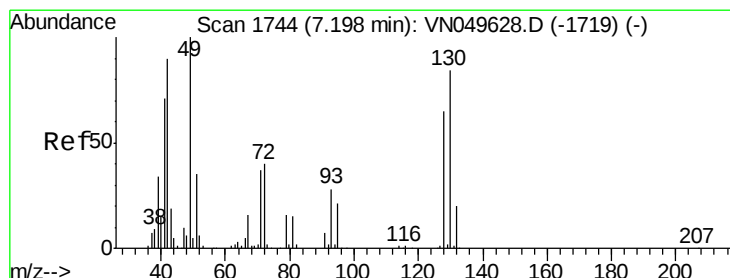
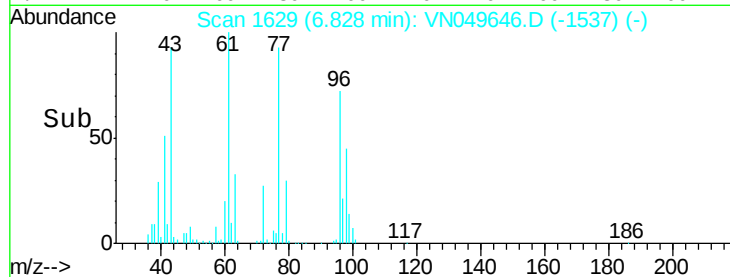
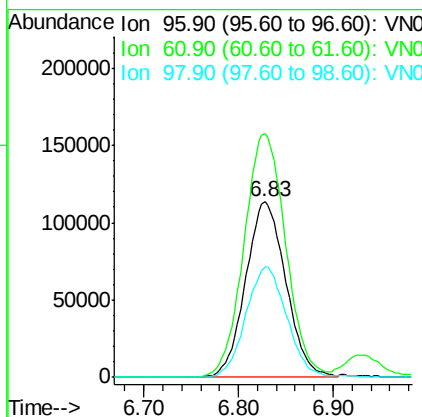
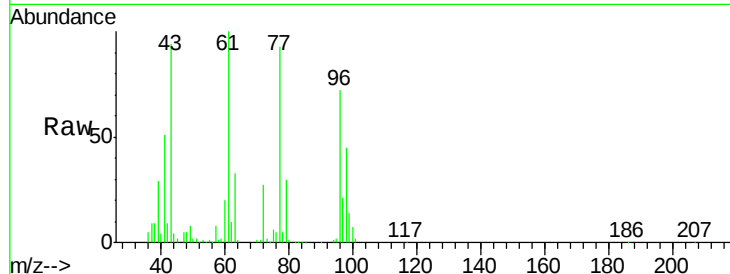
#27
 cis-1,2-Dichloroethene
 Concen: 18.985 ug/l
 RT: 6.83 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: VN049646.D
 Acq: 30 Jun 2018 14:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBS01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.4	0.0	289.0
98	63.7	0.0	130.2

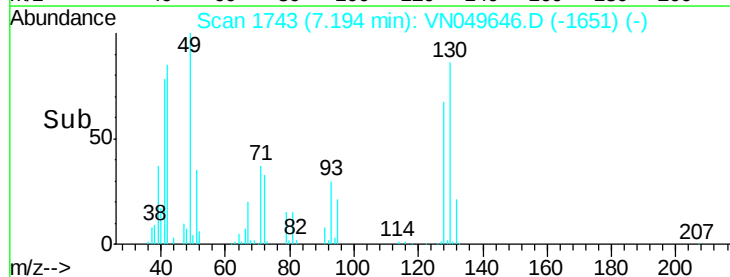
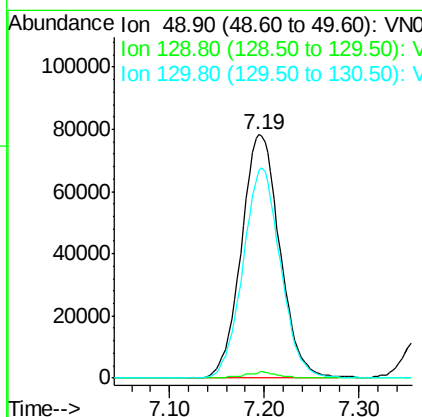
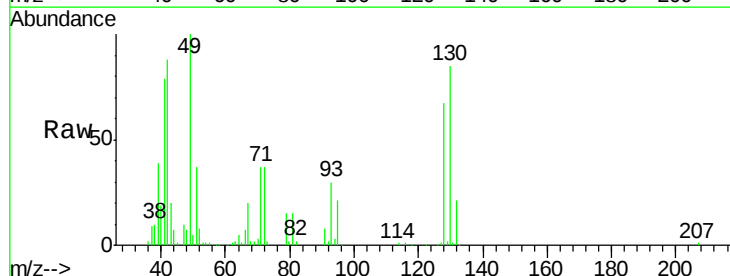
Manual Integrations
 APPROVED

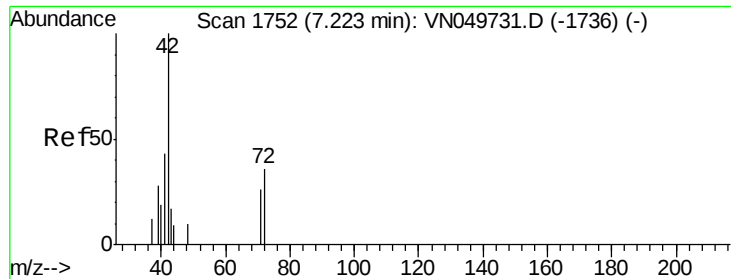
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#28
 Bromochloromethane
 Concen: 17.301 ug/l
 RT: 7.19 min Scan# 1743
 Delta R.T. -0.00 min
 Lab File: VN049646.D
 Acq: 30 Jun 2018 14:26

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	84.0	65.5	98.3





#29

Tetrahydrofuran

Concen: 96.630 ug/l

RT: 7.21 min Scan# 1749

Delta R.T. 0.00 min

Lab File: VN049646.D

Acq: 30 Jun 2018 14:26

Instrument :

MSVOA_N

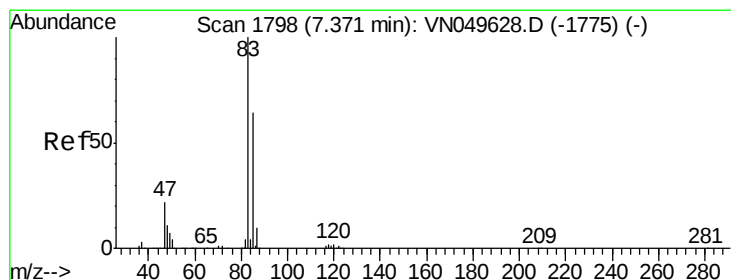
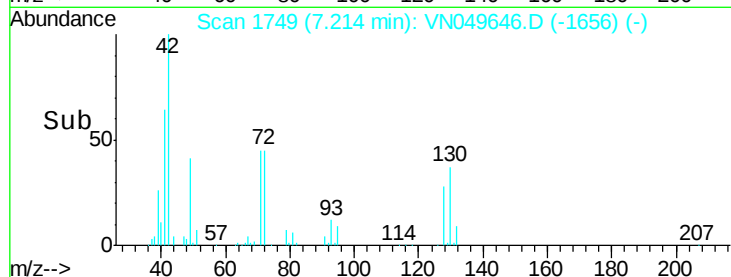
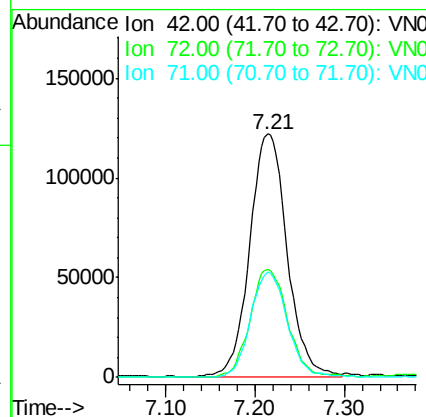
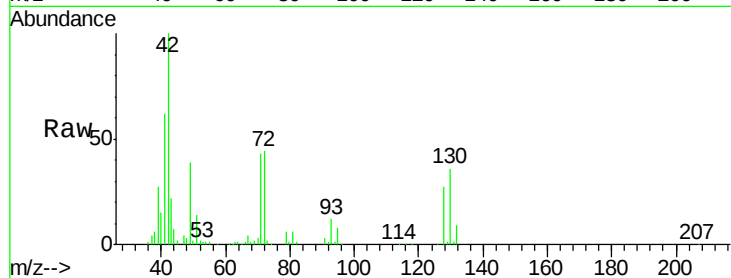
ClientSampleId :

VN0630WBS01

Tgt Ion:	42	Resp:	354250
Ion Ratio		Lower	Upper
42	100		
72	45.1	35.6	53.4
71	42.6	34.0	51.0

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#30

Chloroform

Concen: 18.920 ug/l

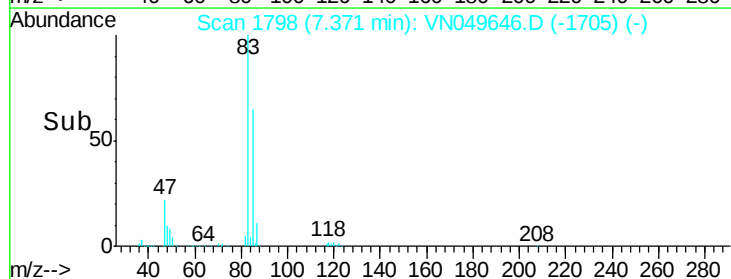
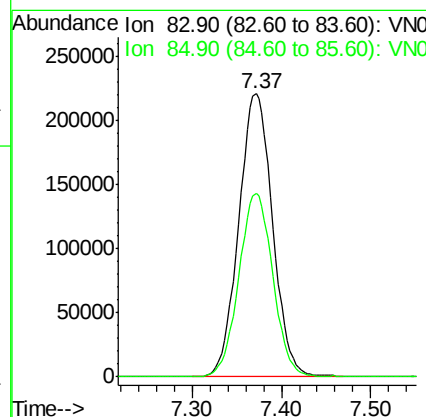
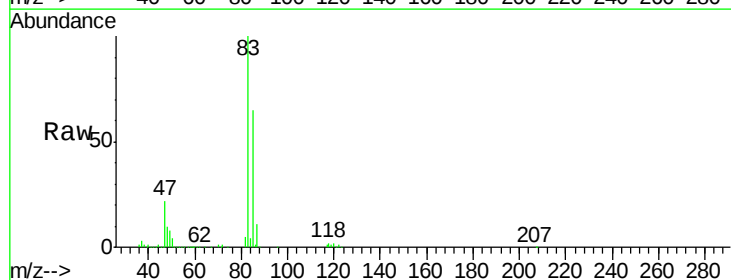
RT: 7.37 min Scan# 1798

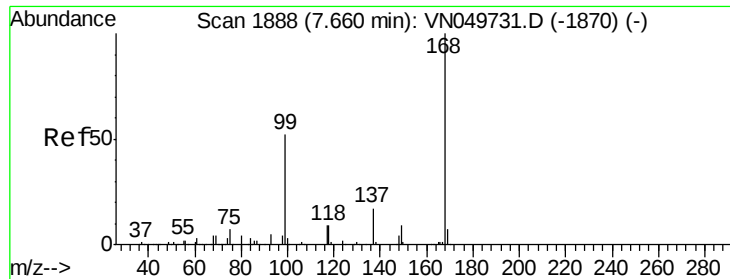
Delta R.T. 0.00 min

Lab File: VN049646.D

Acq: 30 Jun 2018 14:26

Tgt Ion:	83	Resp:	581852
Ion Ratio		Lower	Upper
83	100		
85	65.0	51.4	77.2





#31

Cyclohexane

Concen: 18.583 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VN049646.D

Acq: 30 Jun 2018 14:26

Instrument :

MSVOA_N

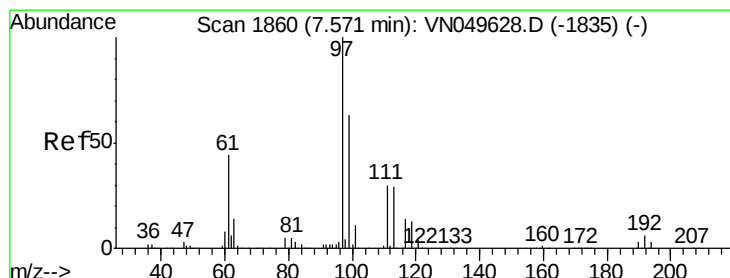
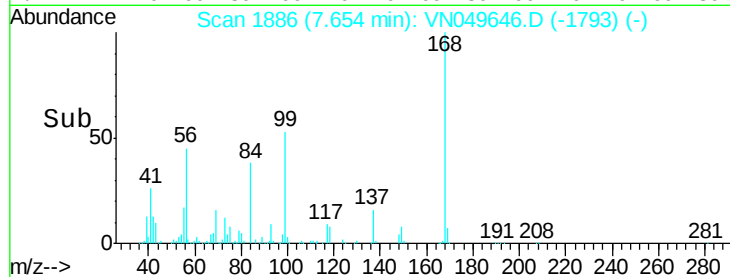
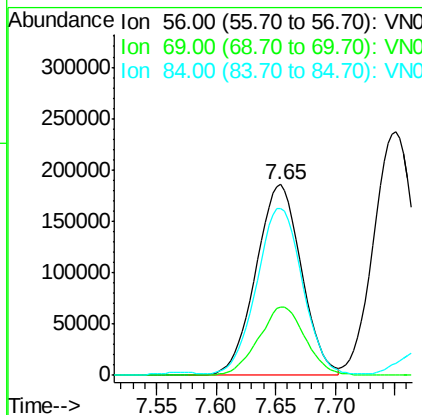
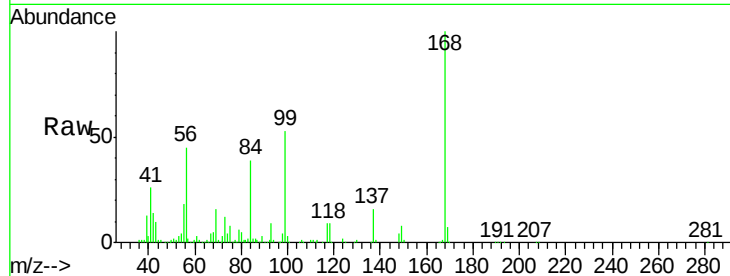
ClientSampled :

VN0630WBS01

Tgt Ion:	56	Resp:	492637
Ion Ratio	Lower	Upper	
56	100		
69	36.1	26.6	40.0
84	86.2	69.0	103.6

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#32

1,1,1-Trichloroethane

Concen: 19.388 ug/l

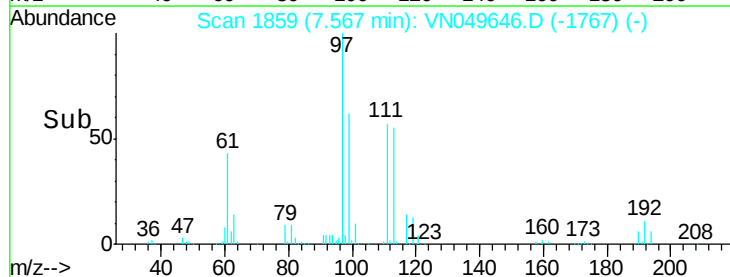
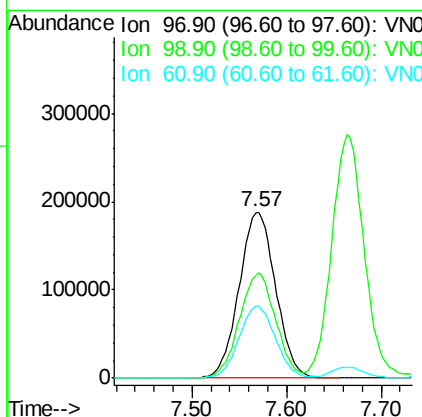
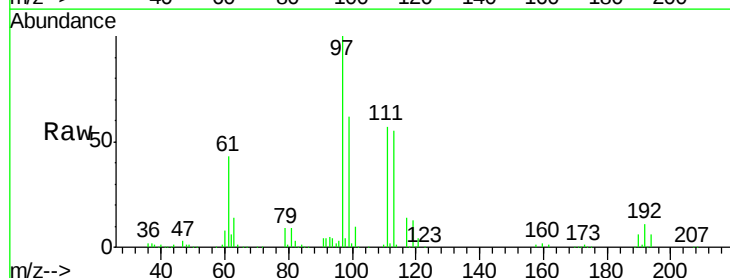
RT: 7.57 min Scan# 1859

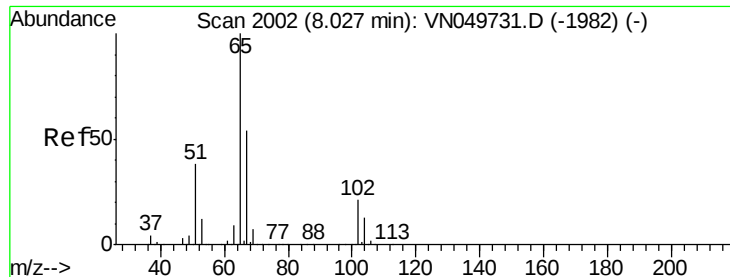
Delta R.T. -0.00 min

Lab File: VN049646.D

Acq: 30 Jun 2018 14:26

Tgt Ion:	97	Resp:	504814
Ion Ratio	Lower	Upper	
97	100		
99	62.5	51.0	76.4
61	43.3	35.5	53.3





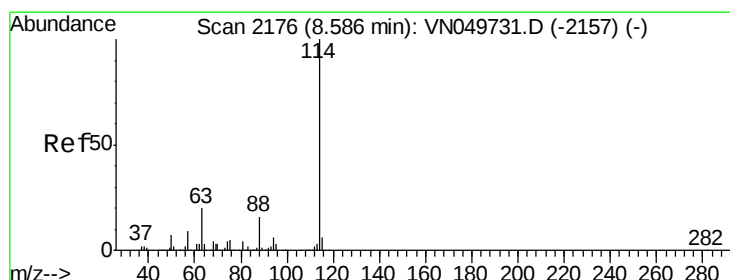
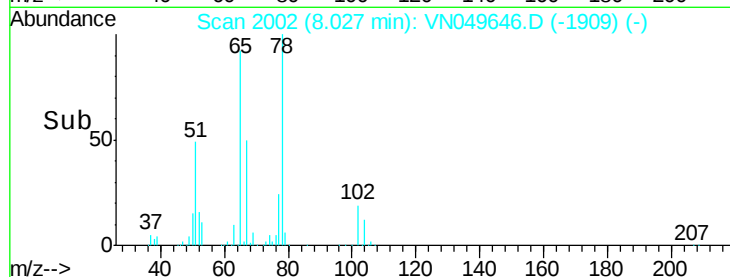
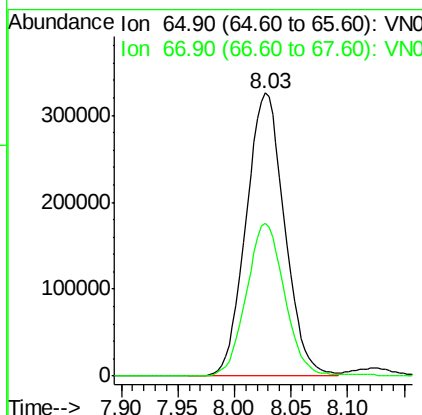
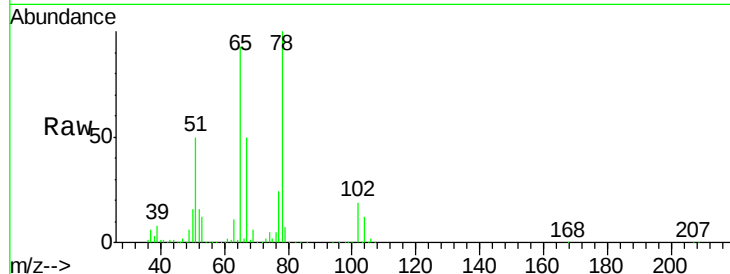
#33
 1,2-Dichloroethane-d4
 Concen: 44.635 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049646.D
 Acq: 30 Jun 2018 14:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBS01

Tgt Ion: 65 Resp: 773341
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 107.2

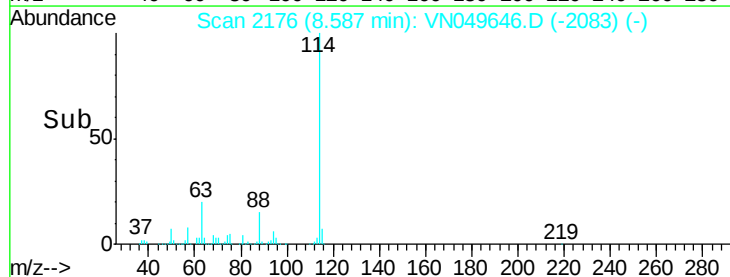
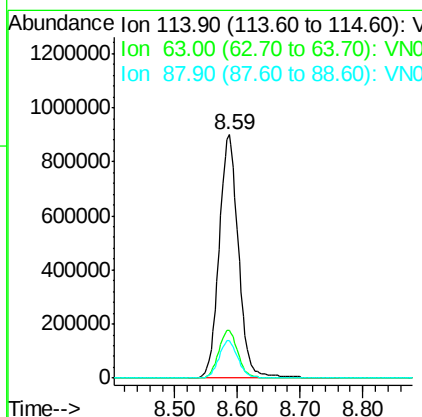
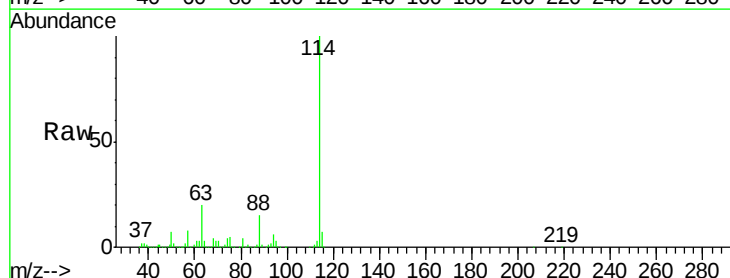
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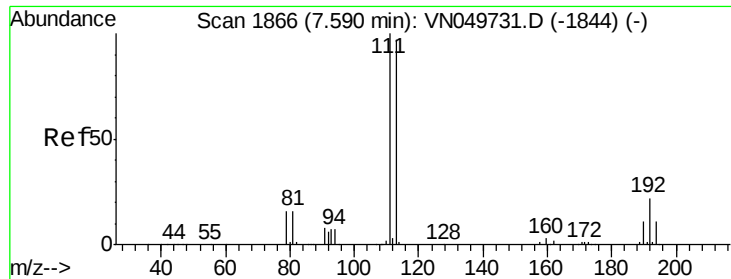
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049646.D
 Acq: 30 Jun 2018 14:26

Tgt Ion: 114 Resp: 1921964
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 15.3 0.0 30.6





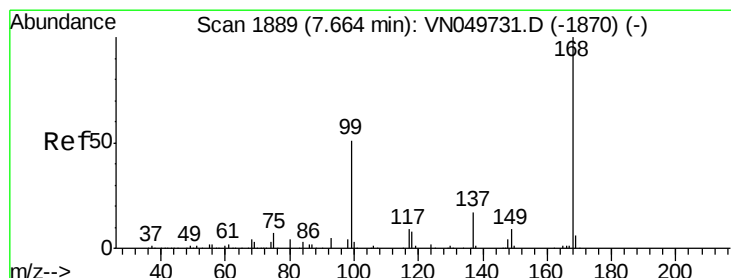
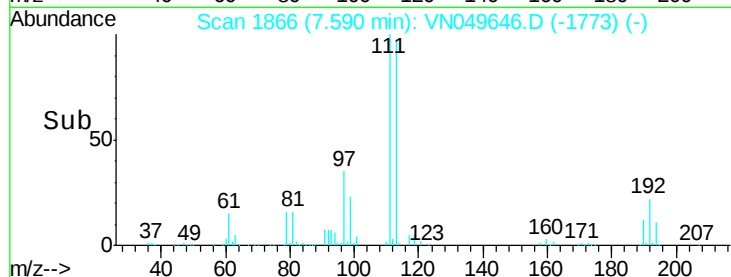
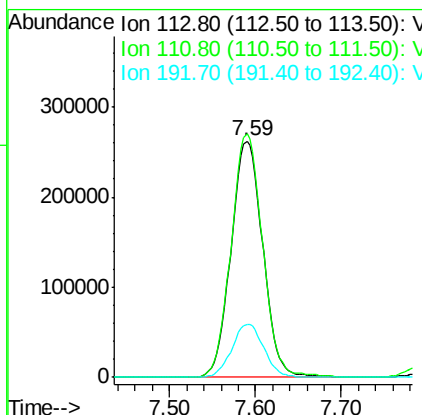
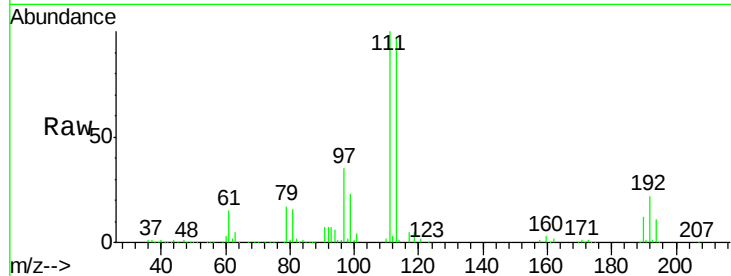
#35
Dibromofluoromethane
Concen: 46.785 ug/l
RT: 7.59 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN049646.D
Acq: 30 Jun 2018 14:26

Instrument :
MSVOA_N
ClientSampled :
VN0630WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	672246		
111	102.4	81.8	122.8	
192	22.7	17.8	26.6	

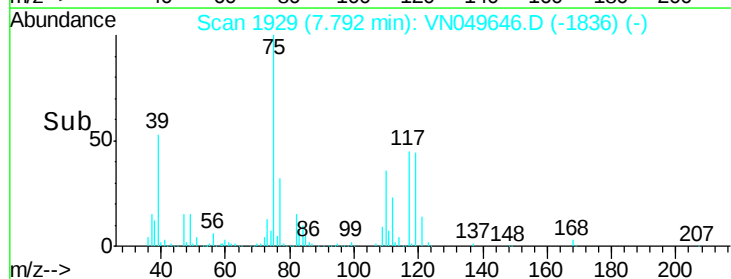
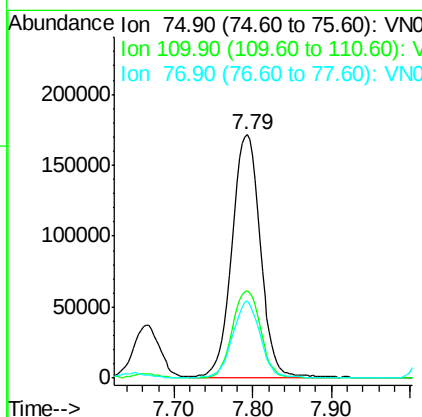
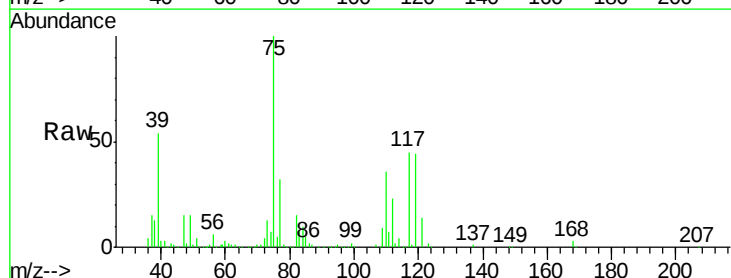
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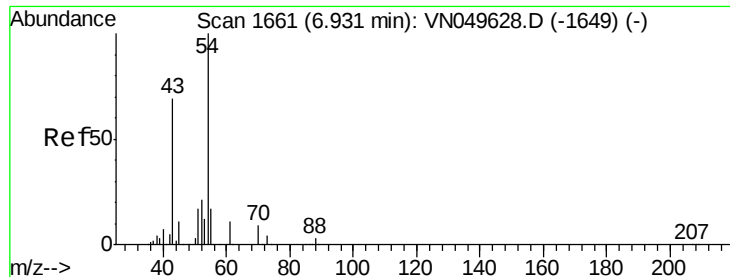
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#36
1,1-Dichloropropene
Concen: 19.916 ug/l
RT: 7.79 min Scan# 1929
Delta R.T. 0.00 min
Lab File: VN049646.D
Acq: 30 Jun 2018 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	430648		
110	36.2	18.1	54.4	
77	30.7	24.9	37.3	





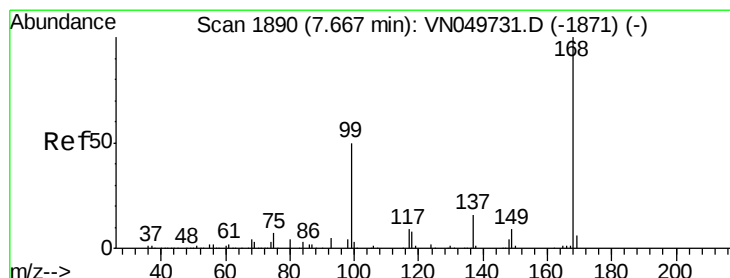
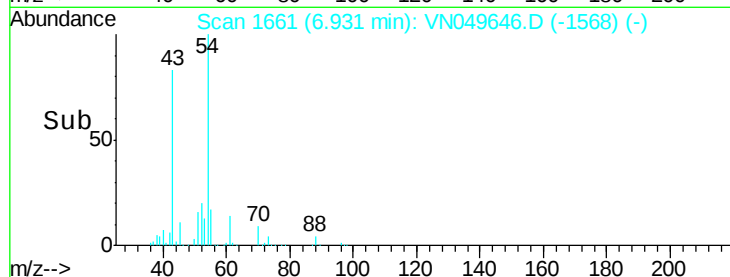
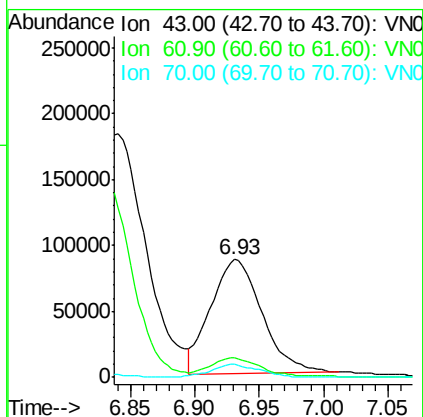
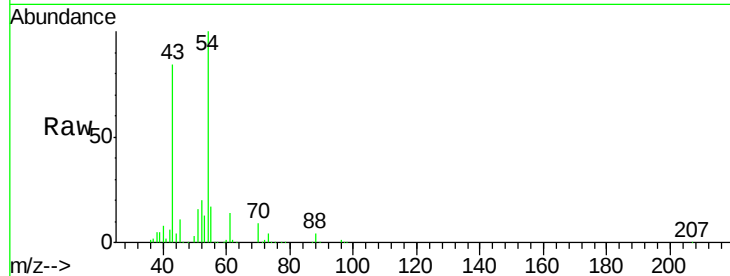
#37
Ethyl Acetate
 Concen: 19.017 ug/l
 RT: 6.93 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: VN049646.D
 Acq: 30 Jun 2018 14:26

Instrument :
 MSVOA_N
 ClientSampled :
 VN0630WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.8	11.7	17.5
70	9.7	8.4	12.6

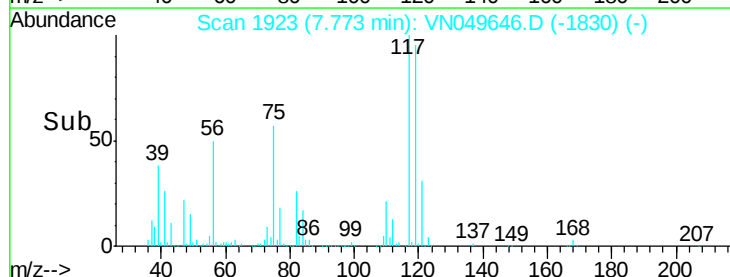
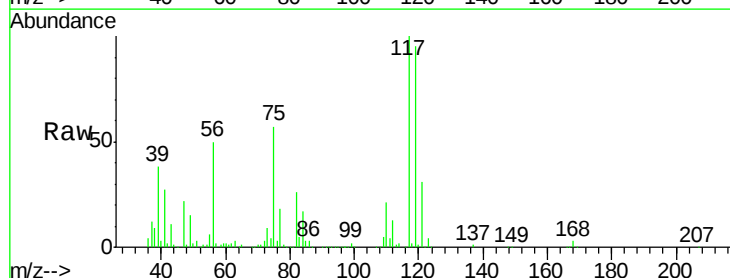
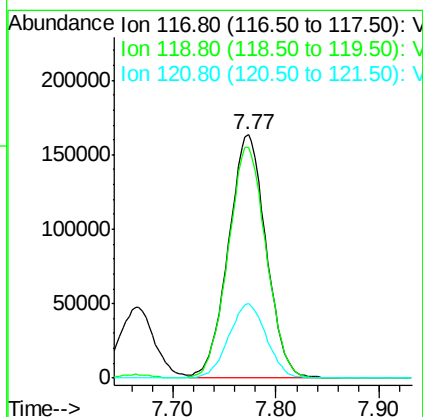
Manual Integrations
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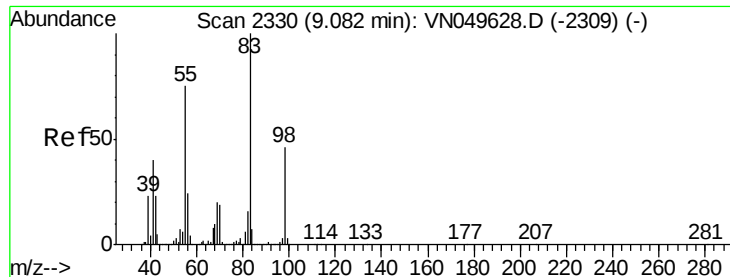
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#38
Carbon Tetrachloride
 Concen: 19.717 ug/l
 RT: 7.77 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: VN049646.D
 Acq: 30 Jun 2018 14:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.2	115.8
121	30.8	25.0	37.6





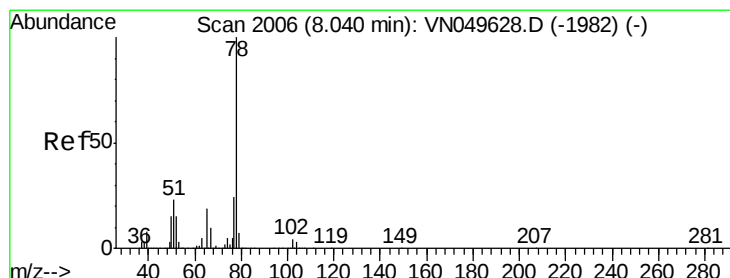
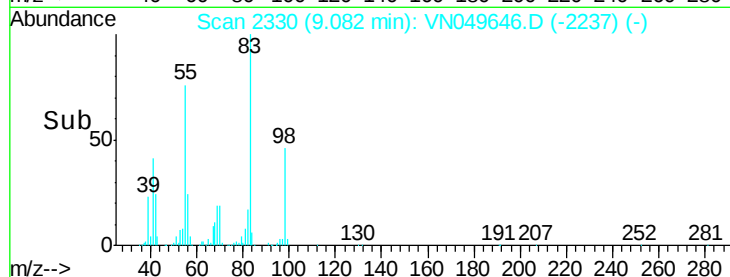
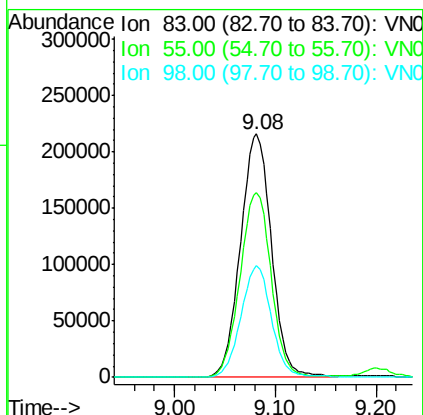
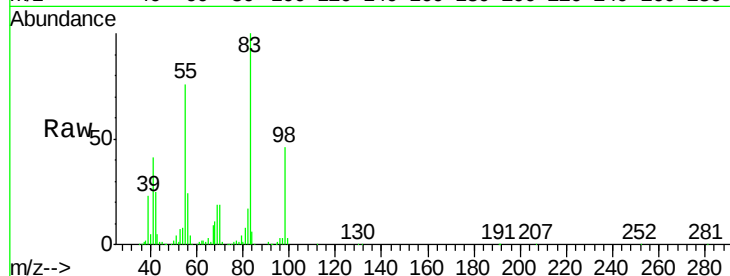
#39
Methylcyclohexane
Concen: 19.406 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049646.D
Acq: 30 Jun 2018 14:26

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.1	59.7	89.5
98	45.9	36.5	54.7

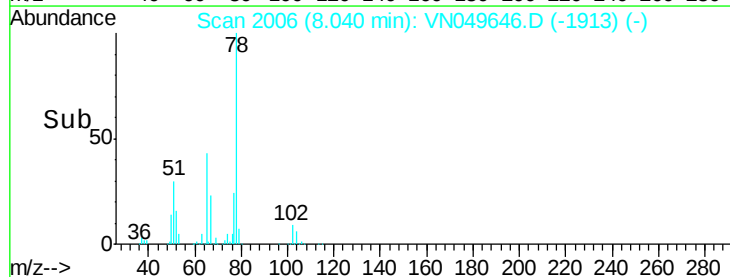
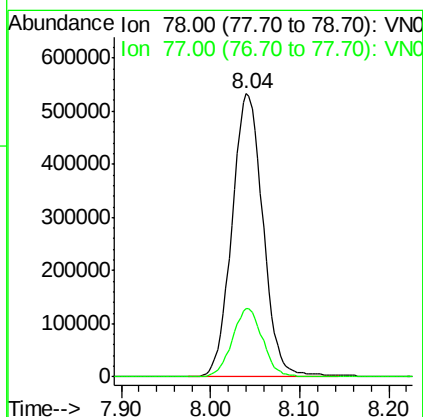
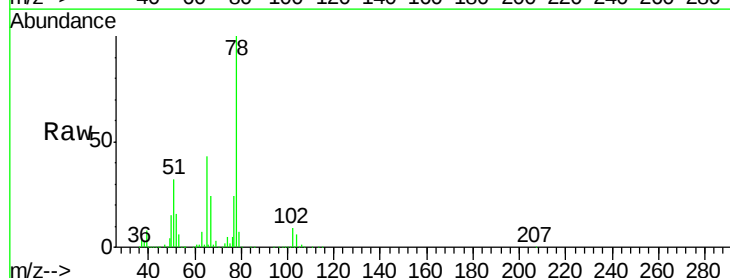
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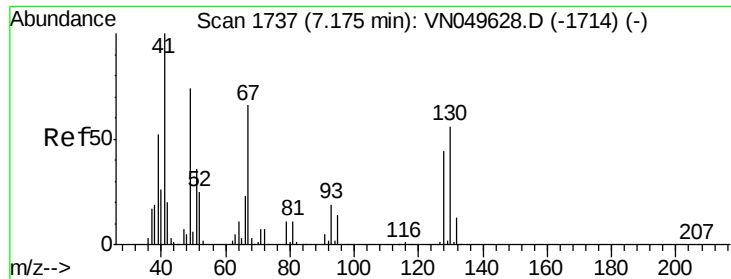
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#40
Benzene
Concen: 19.476 ug/l
RT: 8.04 min Scan# 2006
Delta R.T. 0.00 min
Lab File: VN049646.D
Acq: 30 Jun 2018 14:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.0	28.4





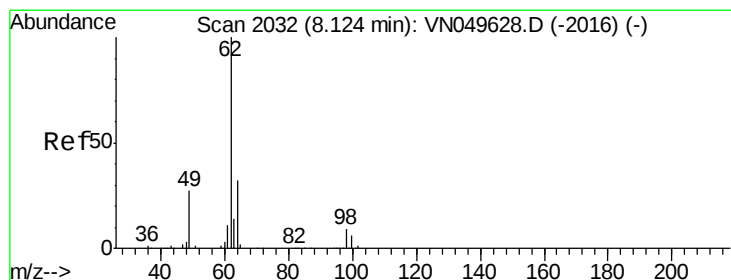
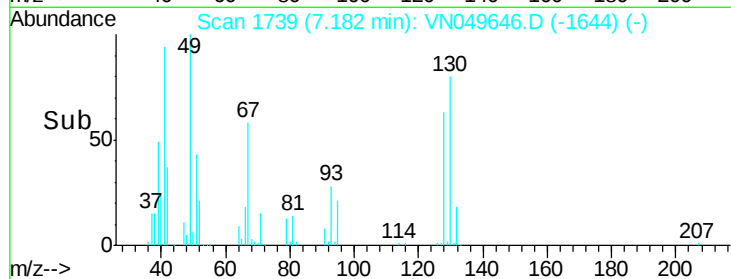
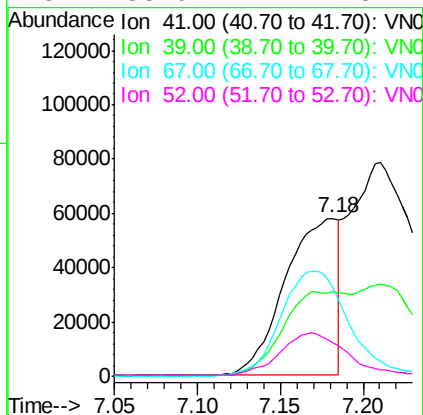
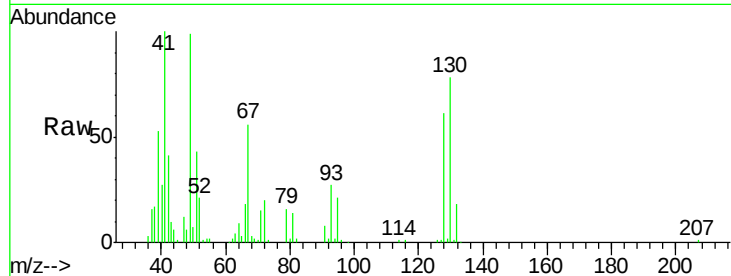
#41
Methacrylonitrile
Concen: 18.111 ug/l
RT: 7.18 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VN049646.D
Acq: 30 Jun 2018 14:26

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBS01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	63.8	45.4	68.2
67	86.8	65.4	98.0
52	33.9	24.7	37.1

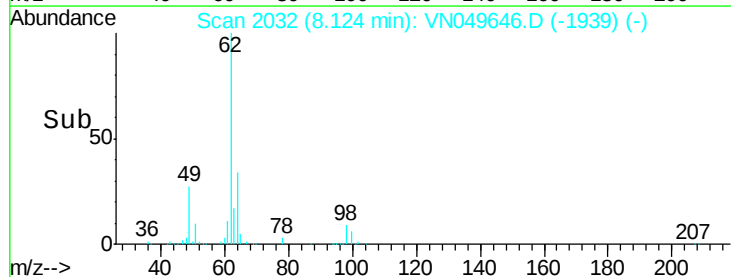
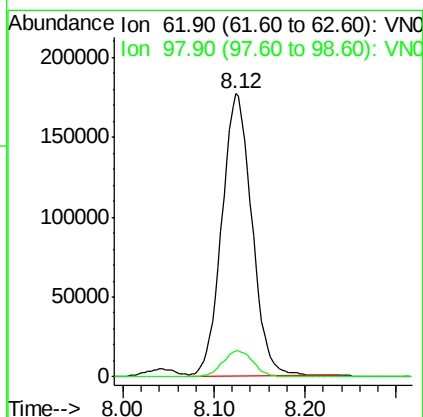
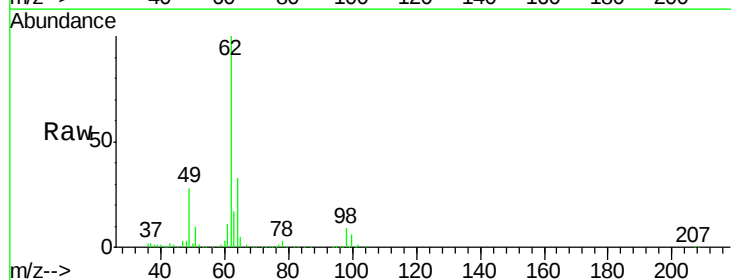
Manual Integrations
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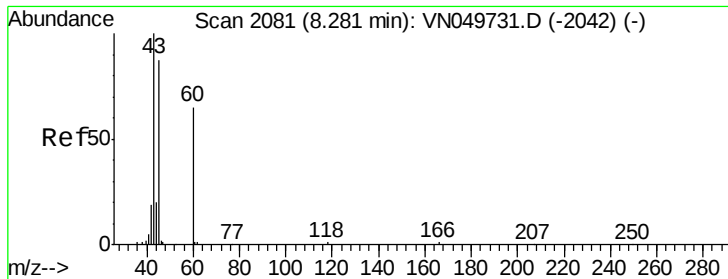
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#42
1,2-Dichloroethane
Concen: 19.316 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. 0.00 min
Lab File: VN049646.D
Acq: 30 Jun 2018 14:26

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.0





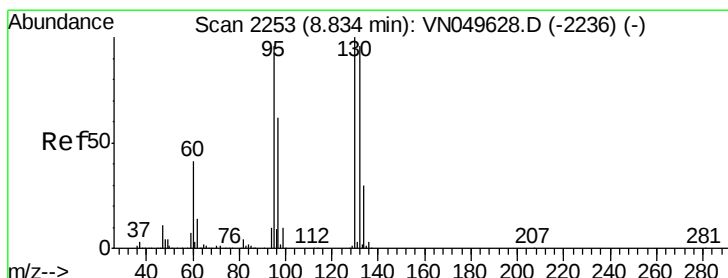
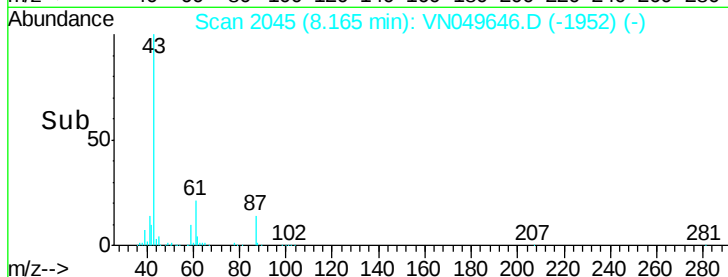
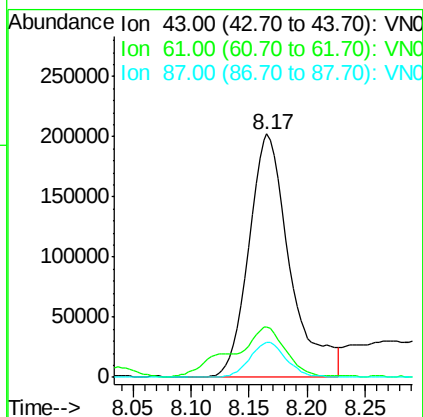
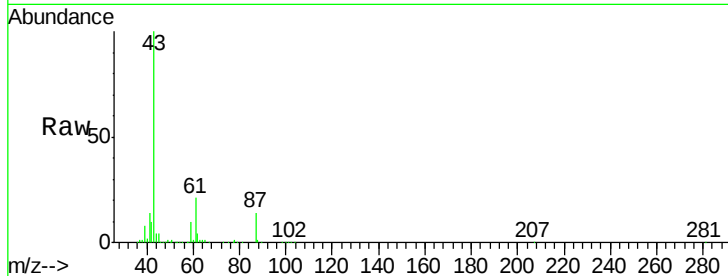
#43
Isopropyl Acetate
Concen: 19.509 ug/l
RT: 8.17 min Scan# 2045
Delta R.T. 0.00 min
Lab File: VN049646.D
Acq: 30 Jun 2018 14:26

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.1	14.9	22.3
87	12.8	10.0	15.0

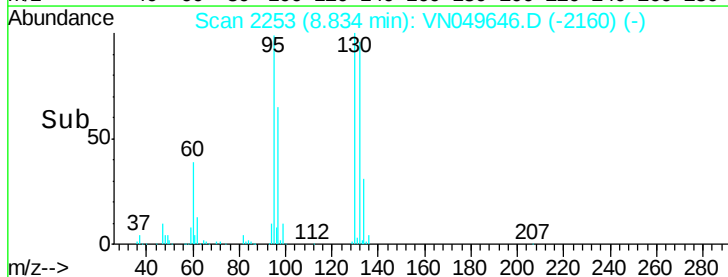
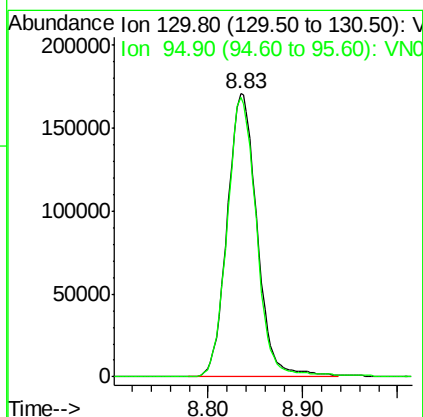
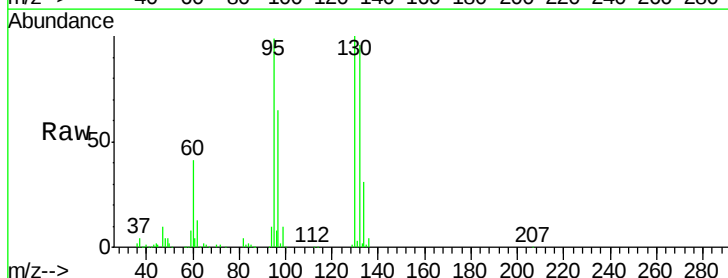
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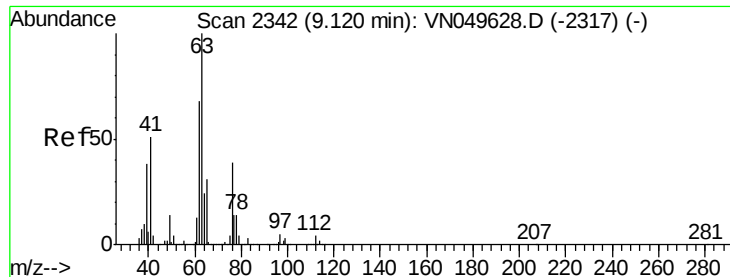
apatel
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#44
Trichloroethene
Concen: 18.792 ug/l
RT: 8.83 min Scan# 2253
Delta R.T. 0.00 min
Lab File: VN049646.D
Acq: 30 Jun 2018 14:26

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.8	0.0	192.8





#45

1,2-Dichloropropane

Concen: 19.846 ug/l

RT: 9.12 min Scan# 2341

Delta R.T. -0.00 min

Lab File: VN049646.D

Acq: 30 Jun 2018 14:26

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBS01

Tgt Ion: 63 Resp: 338536

Ion Ratio Lower Upper

63 100

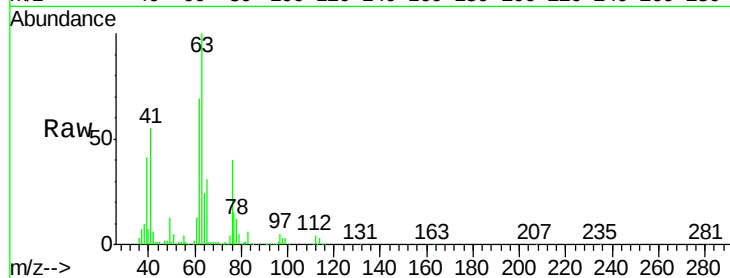
65 30.9 24.7 37.1

Manual Integrations

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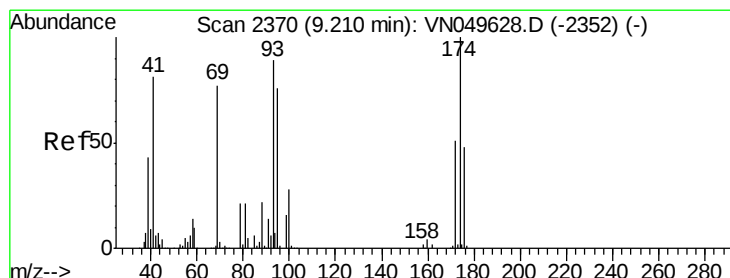
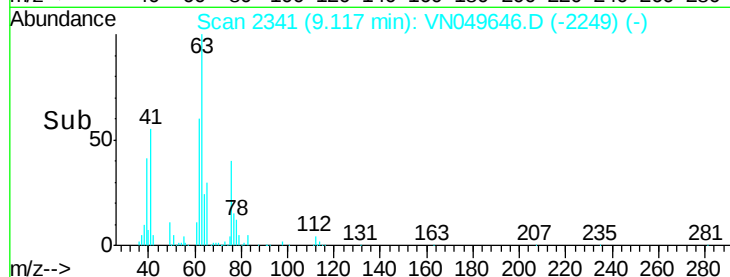
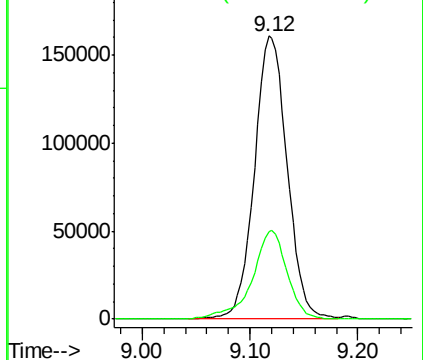
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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 19.325 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN049646.D

Acq: 30 Jun 2018 14:26

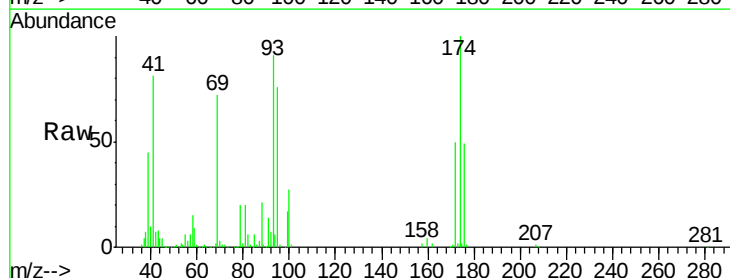
Tgt Ion: 93 Resp: 199434

Ion Ratio Lower Upper

93 100

95 84.1 67.9 101.9

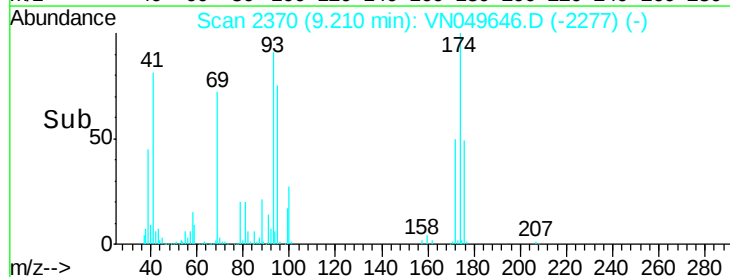
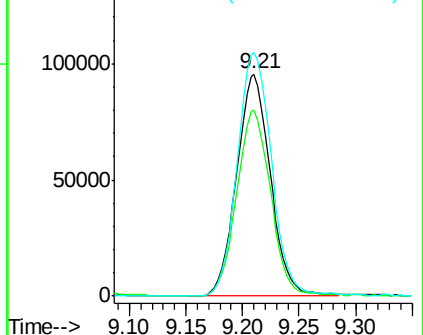
174 110.7 89.4 134.0

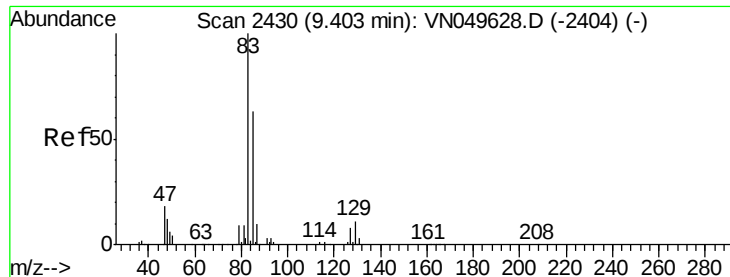


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.647 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049646.D

Acq: 30 Jun 2018 14:26

Instrument :

MSVOA_N

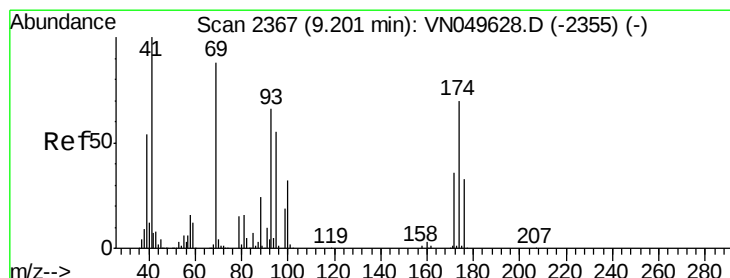
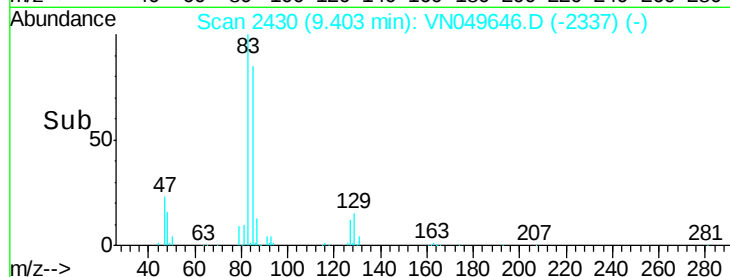
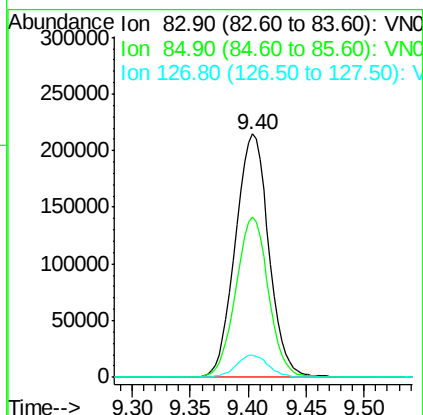
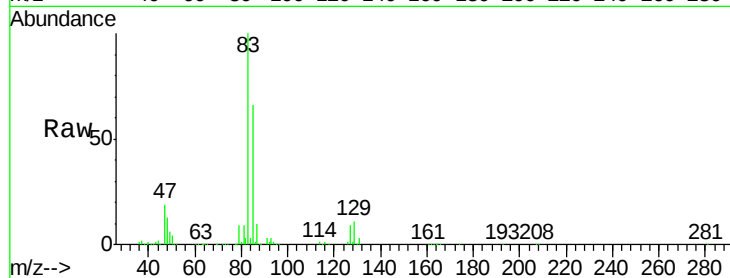
ClientSampleId :

VN0630WBS01

Tgt Ion:	83	Resp:	431631
Ion Ratio	Lower	Upper	
83	100		
85	65.7	50.5	75.7
127	9.1	6.8	10.2

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#48

Methyl methacrylate

Concen: 19.451 ug/l

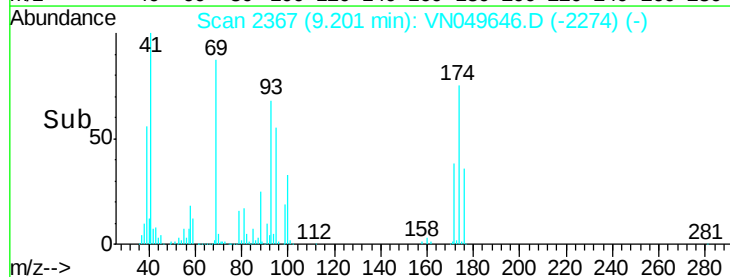
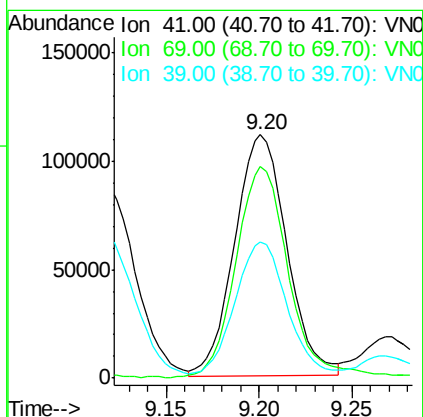
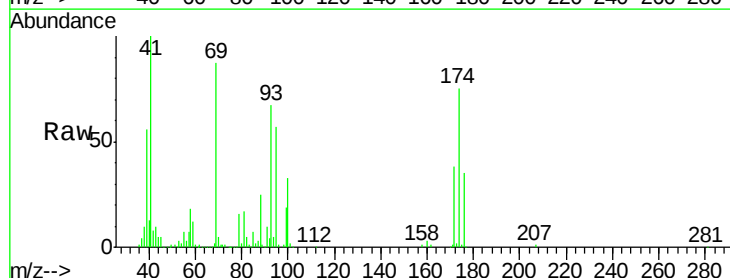
RT: 9.20 min Scan# 2367

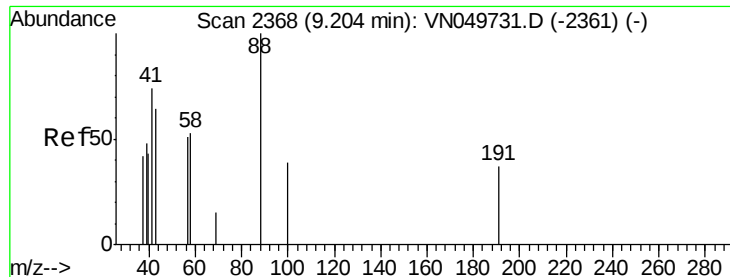
Delta R.T. 0.00 min

Lab File: VN049646.D

Acq: 30 Jun 2018 14:26

Tgt Ion:	41	Resp:	217999
Ion Ratio	Lower	Upper	
41	100		
69	88.3	71.5	107.3
39	56.8	44.7	67.1





#49

1,4-Dioxane

Concen: 409.509 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN049646.D

Acq: 30 Jun 2018 14:26

Instrument :

MSVOA_N

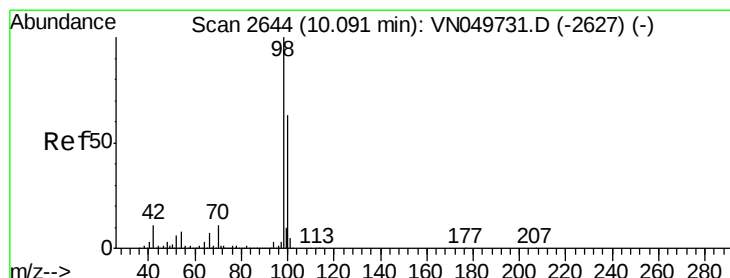
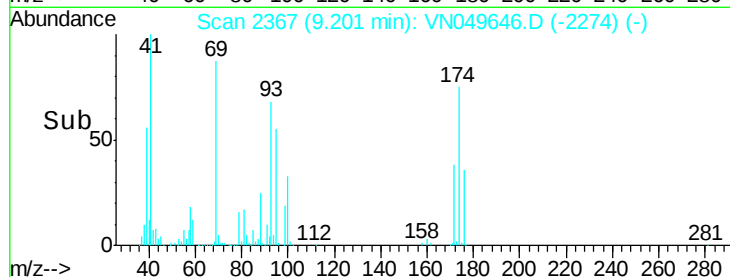
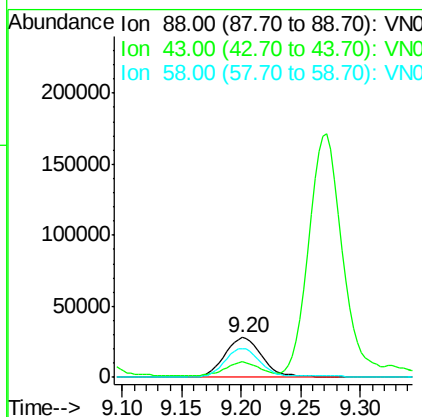
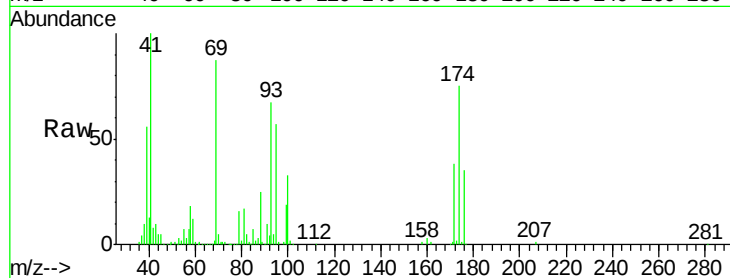
ClientSampleId :

VN0630WBS01

Tgt Ion:	88	Resp:	61702
Ion	Ratio	Lower	Upper
88	100		
43	32.5	25.1	37.7
58	68.7	52.5	78.7

Manual Integrations
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#50

Toluene-d8

Concen: 45.889 ug/l

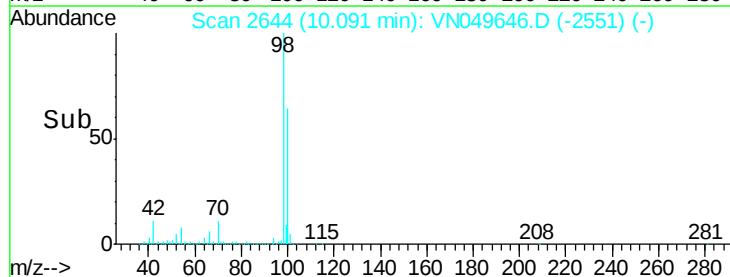
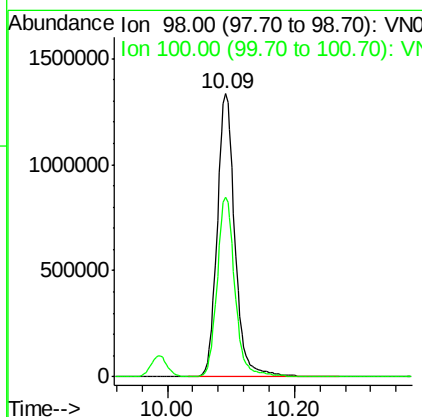
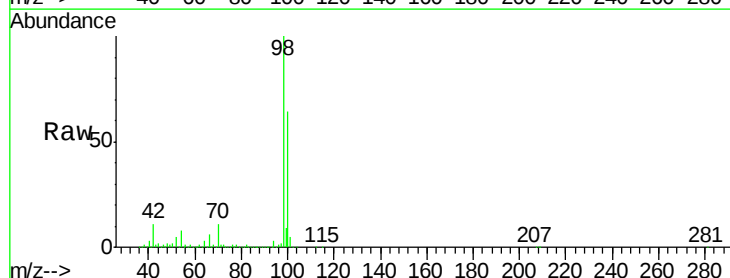
RT: 10.09 min Scan# 2644

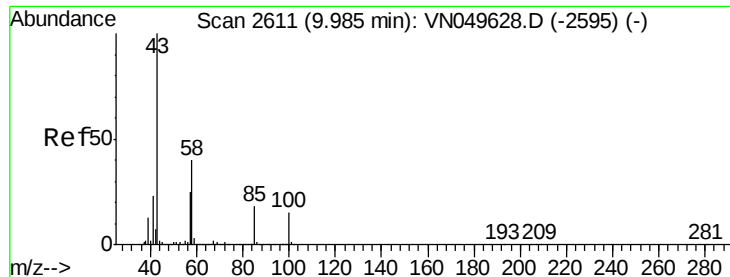
Delta R.T. 0.00 min

Lab File: VN049646.D

Acq: 30 Jun 2018 14:26

Tgt Ion:	98	Resp:	2580869
Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.7	77.5





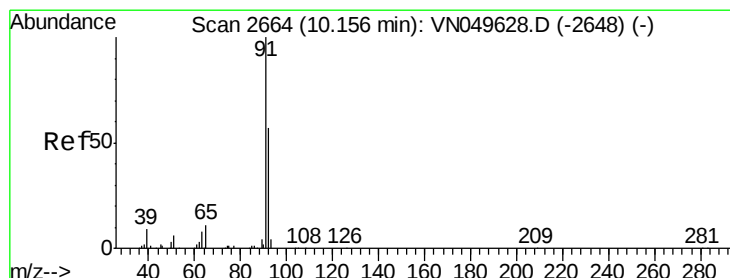
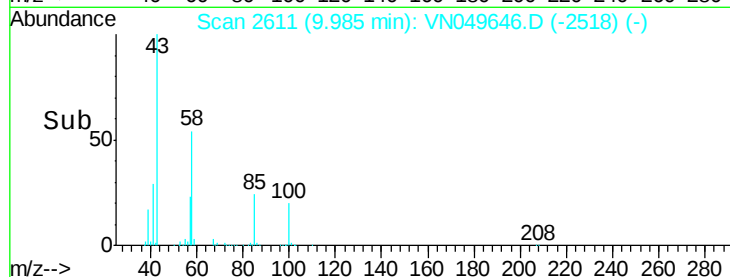
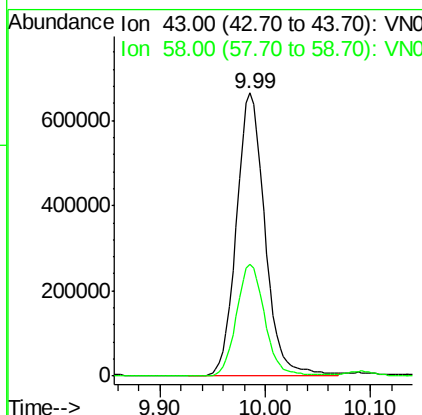
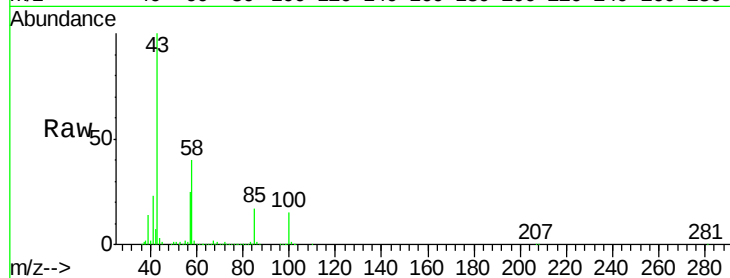
#51
4-Methyl-2-Pentanone
Concen: 100.656 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. 0.00 min
Lab File: VN049646.D
Acq: 30 Jun 2018 14:26

Instrument :
MSVOA_N
ClientSampled :
VN0630WBS01

Tgt Ion: 43 Resp: 1244660
Ion Ratio Lower Upper
43 100
58 39.4 31.8 47.8

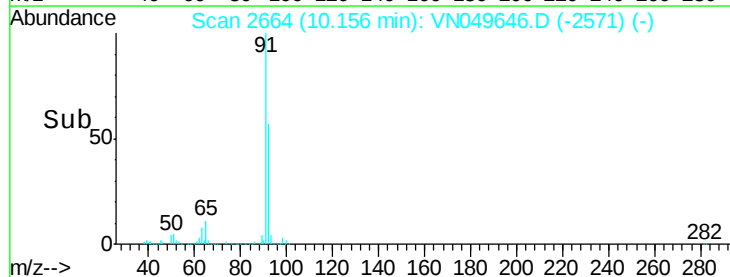
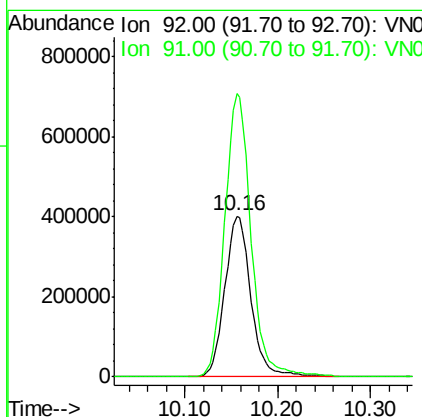
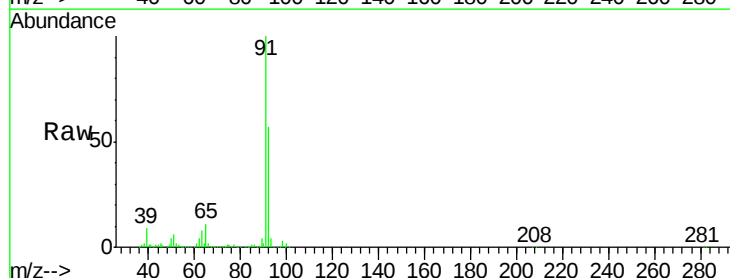
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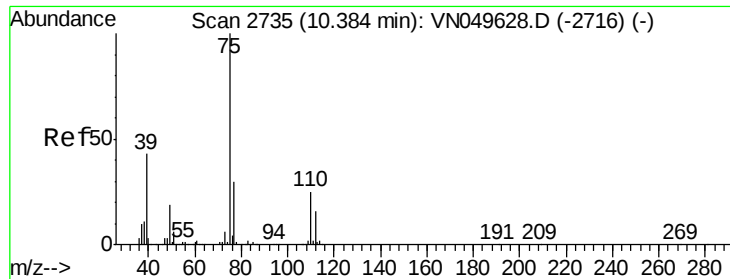
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#52
Toluene
Concen: 19.668 ug/l
RT: 10.16 min Scan# 2664
Delta R.T. 0.00 min
Lab File: VN049646.D
Acq: 30 Jun 2018 14:26

Tgt Ion: 92 Resp: 784533
Ion Ratio Lower Upper
92 100
91 177.0 140.1 210.1





#53

t-1,3-Dichloropropene

Concen: 19.066 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049646.D

Acq: 30 Jun 2018 14:26

Instrument :

MSVOA_N

ClientSampled :

VN0630WBS01

Tgt Ion: 75 Resp: 401081

Ion Ratio Lower Upper

75 100

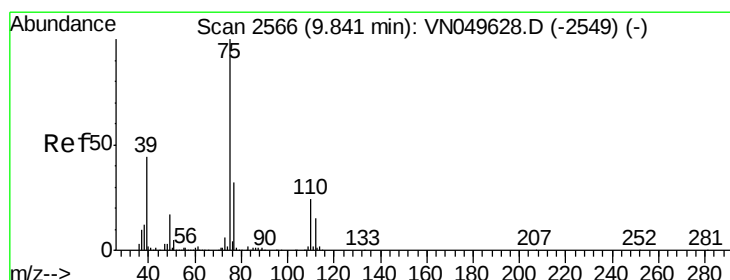
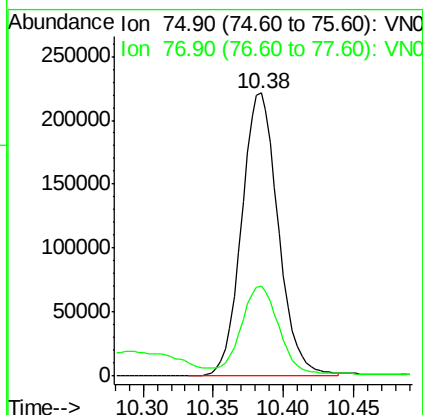
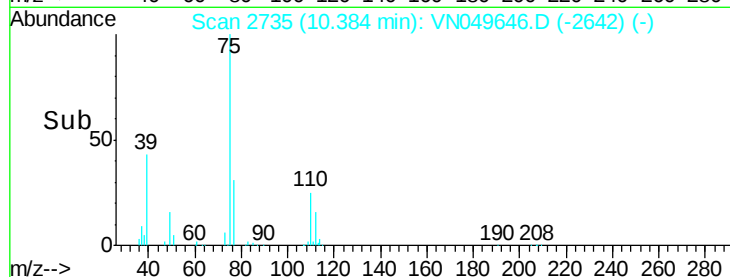
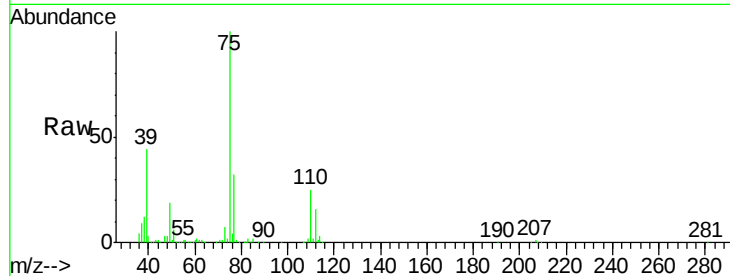
77 31.0 25.2 37.8

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#54

cis-1,3-Dichloropropene

Concen: 19.533 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049646.D

Acq: 30 Jun 2018 14:26

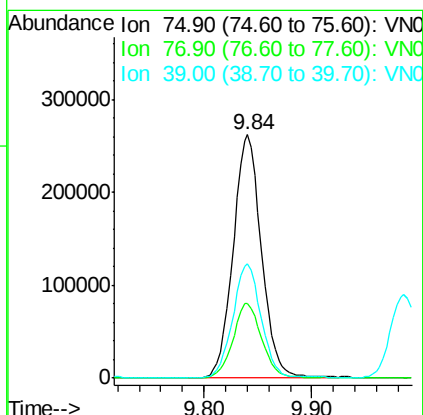
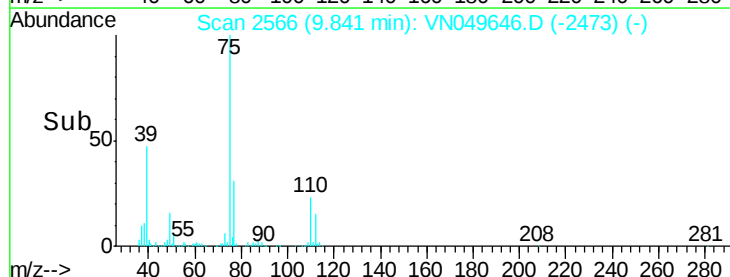
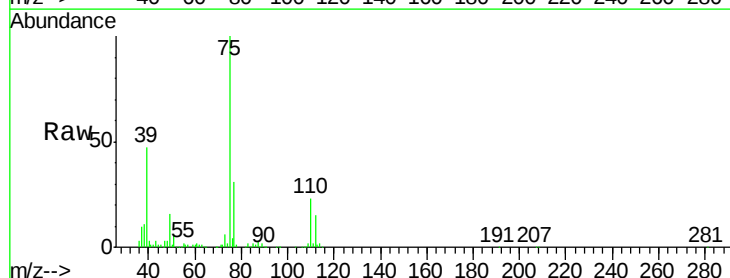
Tgt Ion: 75 Resp: 480242

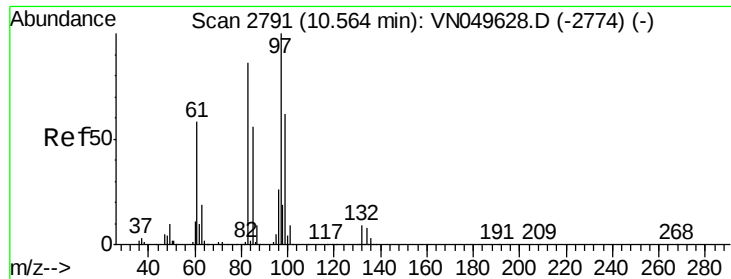
Ion Ratio Lower Upper

75 100

77 30.8 25.3 37.9

39 46.7 35.5 53.3





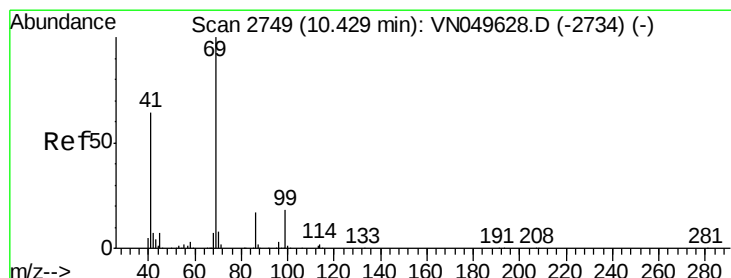
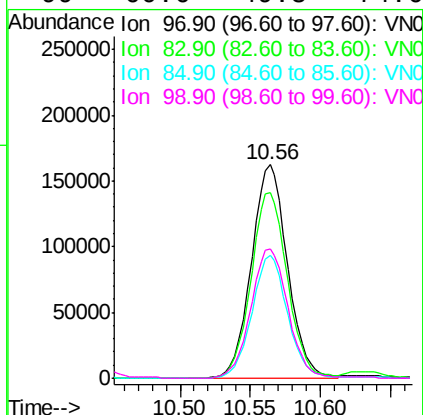
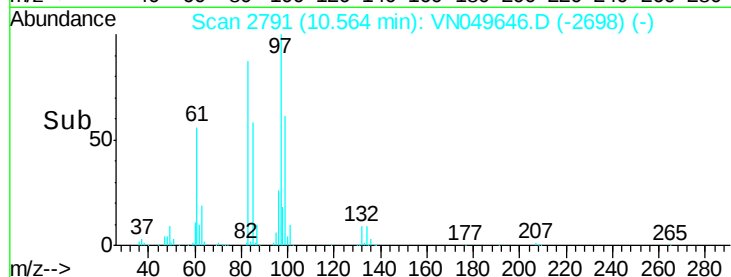
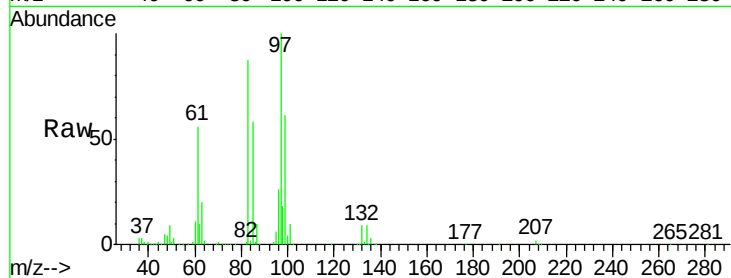
#55
 1,1,2-Trichloroethane
 Concen: 19.605 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049646.D
 Acq: 30 Jun 2018 14:26

Instrument :
 MSVOA_N
 ClientSampled :
 VN0630WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	291174		
83	87.2	69.0	103.6	
85	57.7	44.9	67.3	
99	60.6	49.8	74.6	

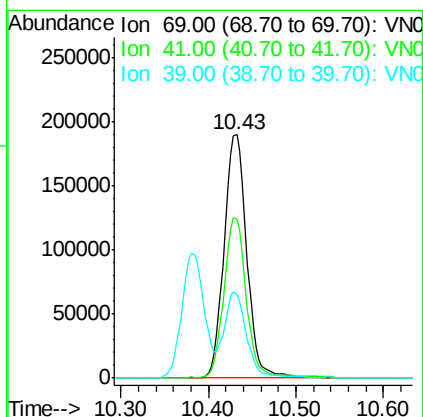
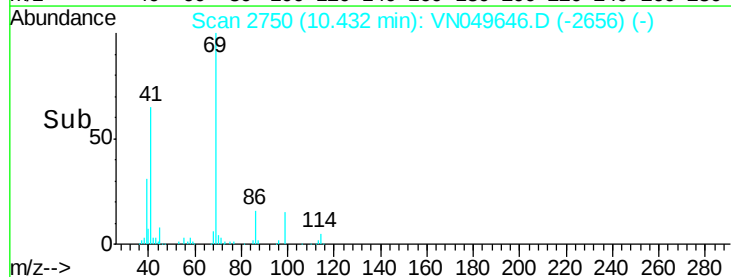
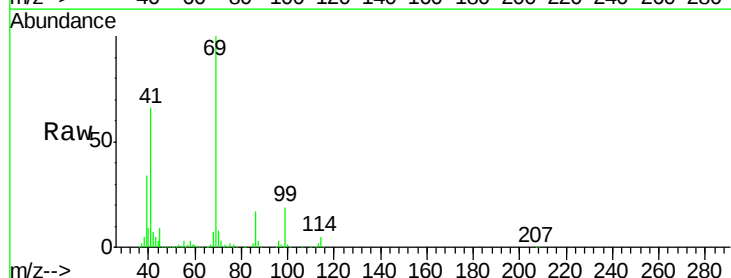
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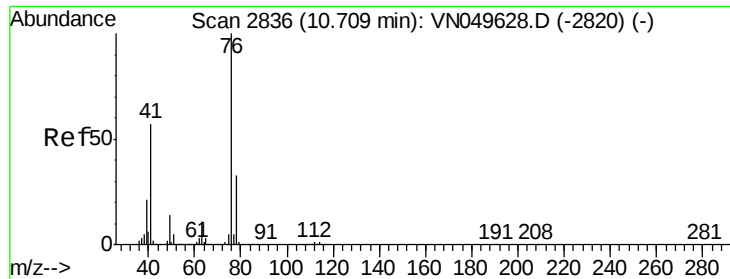
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#56
 Ethyl methacrylate
 Concen: 19.712 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN049646.D
 Acq: 30 Jun 2018 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	343179		
41	64.0	51.6	77.4	
39	34.1	25.8	38.8	





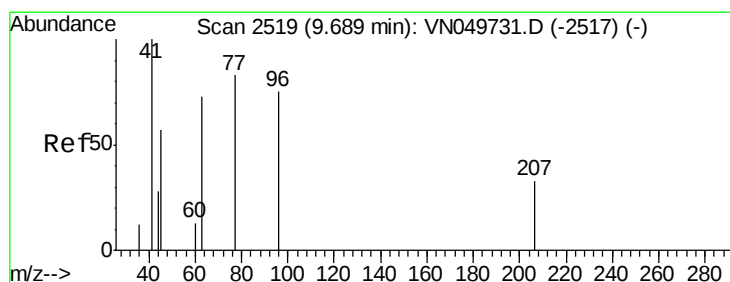
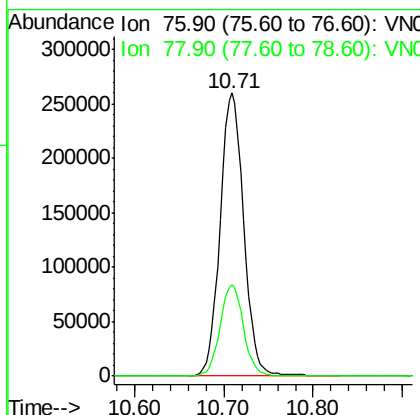
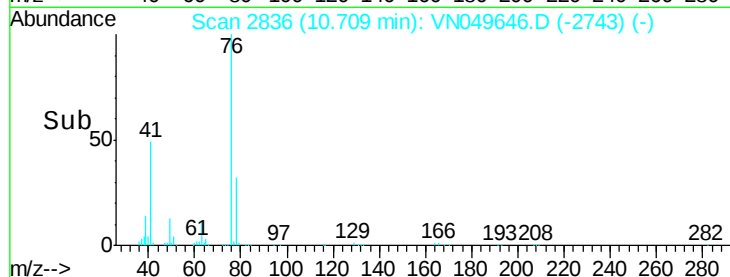
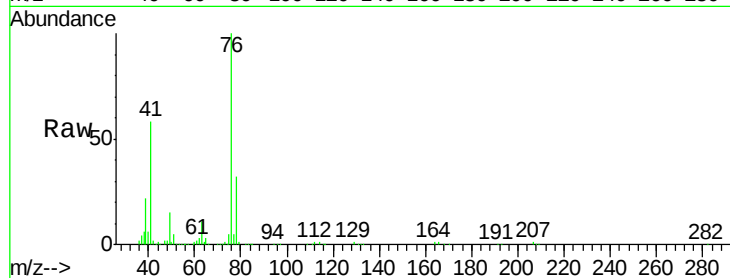
#57
 1,3-Dichloropropane
 Concen: 19.791 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. 0.00 min
 Lab File: VN049646.D
 Acq: 30 Jun 2018 14:26

Instrument :
 MSVOA_N
 ClientSampled :
 VN0630WBS01

Tgt Ion: 76 Resp: 476634
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.8

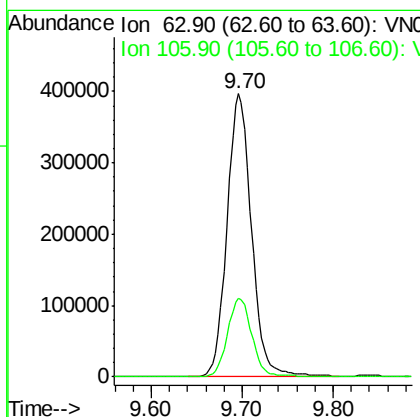
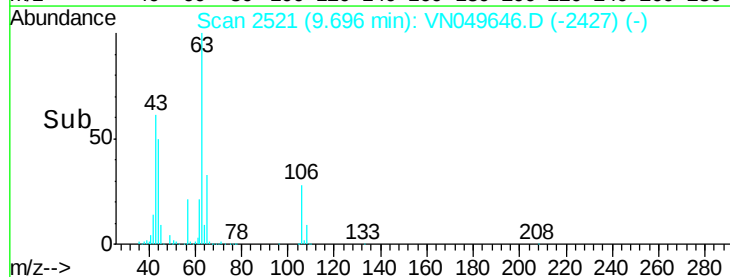
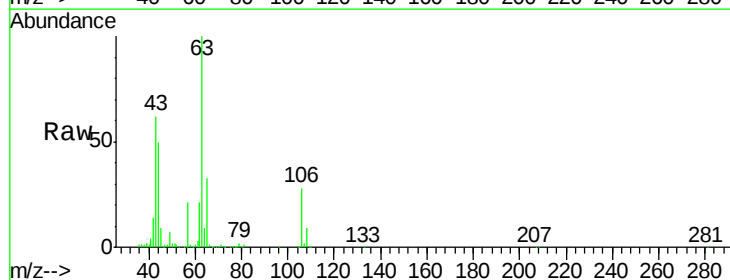
Manual Integrations
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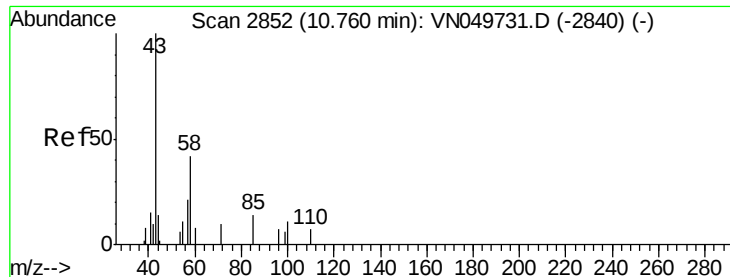
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#58
 2-Chloroethyl Vinyl ether
 Concen: 89.096 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: VN049646.D
 Acq: 30 Jun 2018 14:26

Tgt Ion: 63 Resp: 742358
 Ion Ratio Lower Upper
 63 100
 106 27.8 21.8 32.8





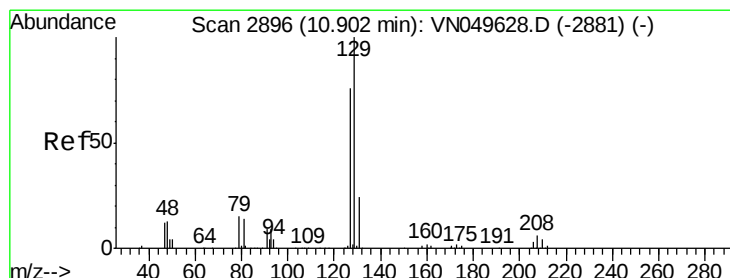
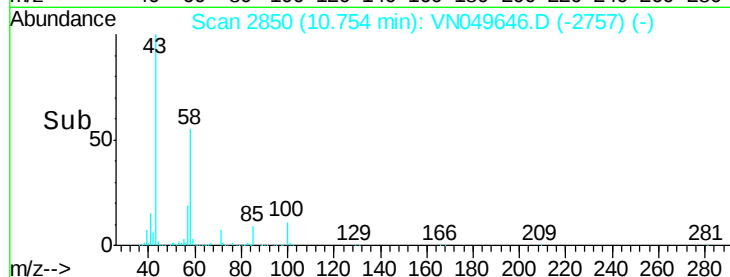
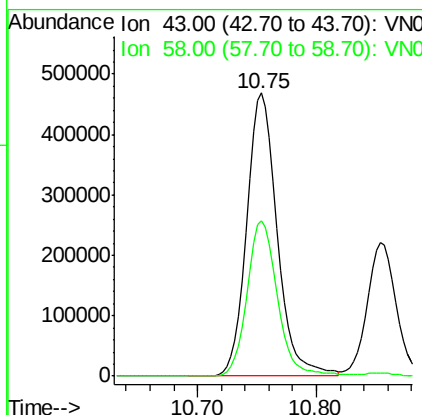
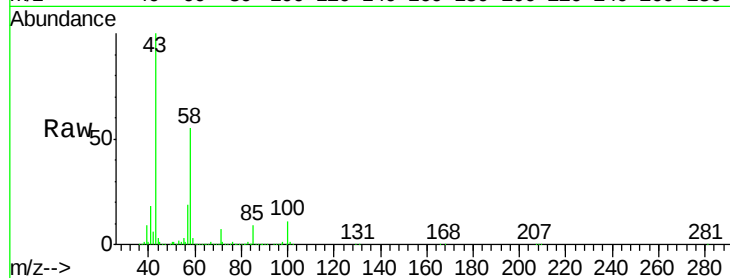
#59
2-Hexanone
Concen: 101.165 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049646.D
Acq: 30 Jun 2018 14:26

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBS01

Tgt Ion: 43 Resp: 827195
Ion Ratio Lower Upper
43 100
58 55.0 27.8 83.4

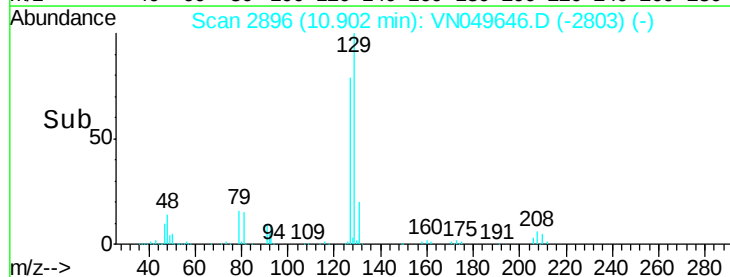
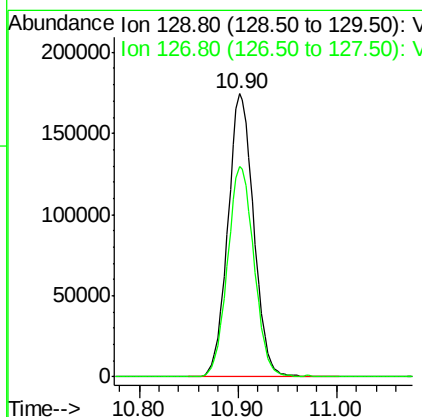
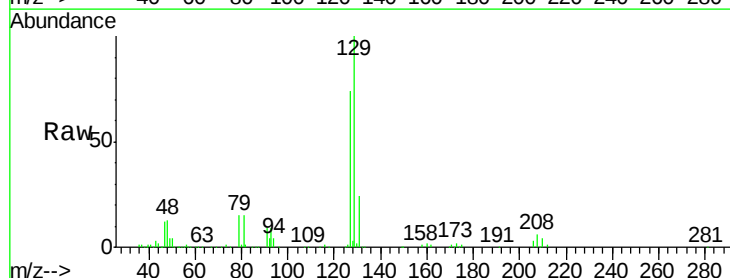
Manual Integrations
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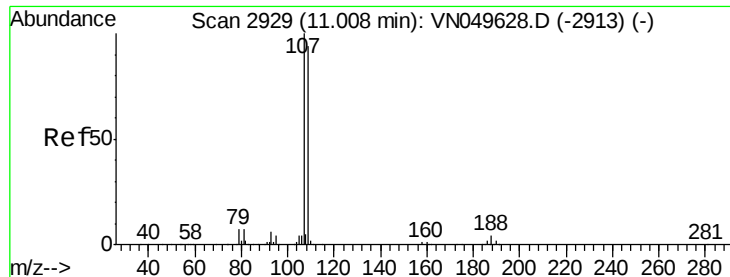
apatel
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#60
Dibromochloromethane
Concen: 19.903 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. 0.00 min
Lab File: VN049646.D
Acq: 30 Jun 2018 14:26

Tgt Ion: 129 Resp: 319485
Ion Ratio Lower Upper
129 100
127 76.2 38.3 114.9





#61

1,2-Dibromoethane

Concen: 19.213 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VN049646.D

Acq: 30 Jun 2018 14:26

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBS01

Tgt Ion: 107 Resp: 273412

Ion Ratio Lower Upper

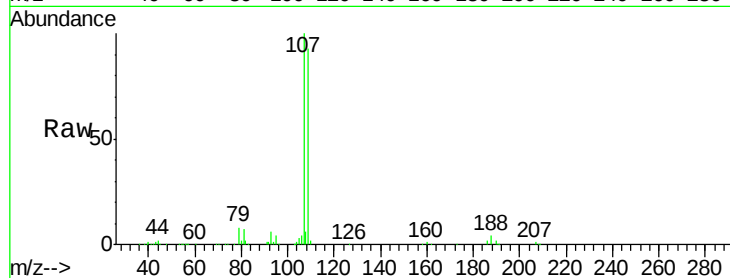
107 100

109 94.6 75.0 112.6

Manual Integrations
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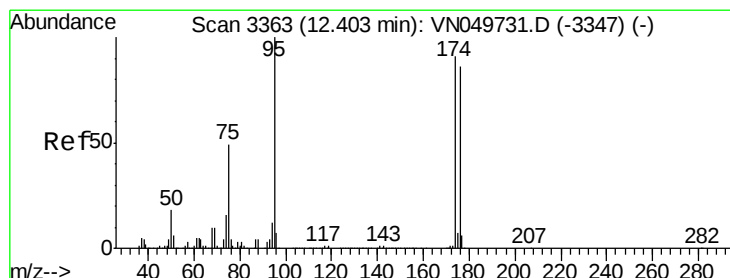
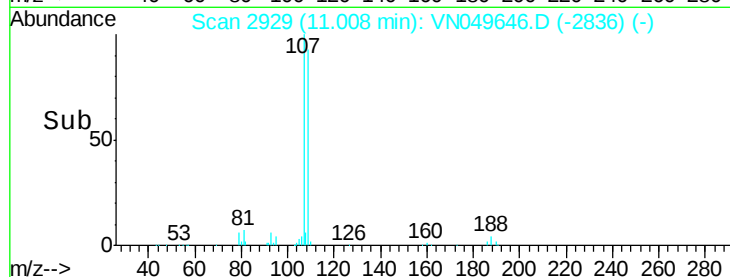
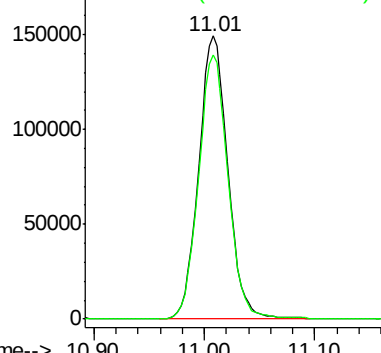
apatel

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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: 45.303 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049646.D

Acq: 30 Jun 2018 14:26

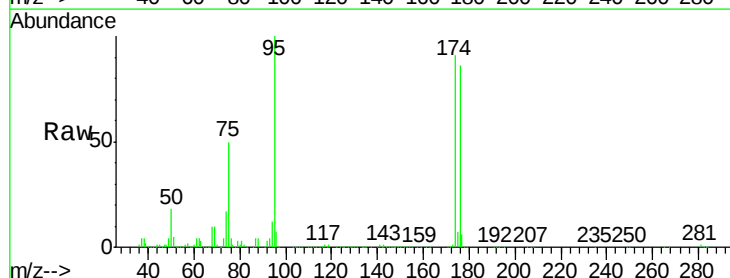
Tgt Ion: 95 Resp: 869905

Ion Ratio Lower Upper

95 100

174 90.6 0.0 179.6

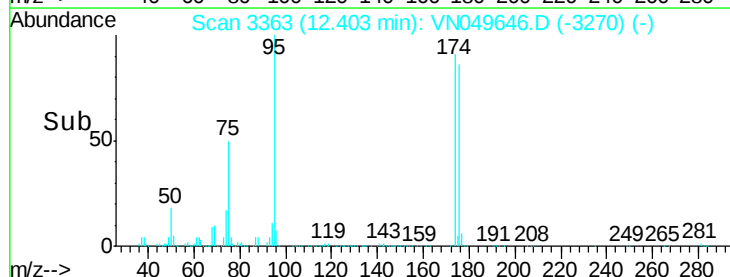
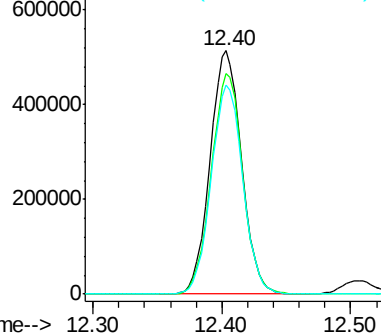
176 86.3 0.0 174.0

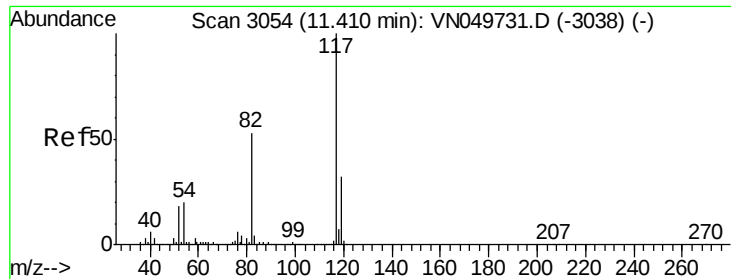


Abundance Ion 94.90 (94.60 to 95.60): V

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: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049646.D

Acq: 30 Jun 2018 14:26

Instrument :

MSVOA_N

ClientSampled :

VN0630WBS01

Tgt Ion:117 Resp: 1723224

Ion Ratio Lower Upper

117 100

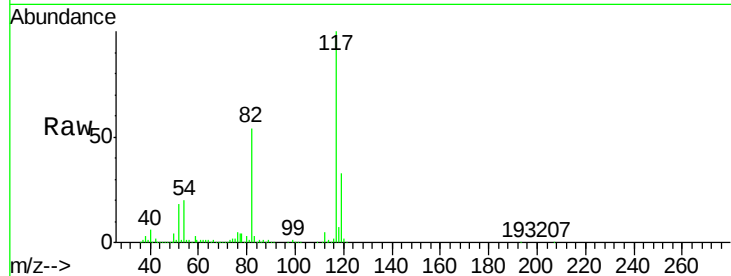
82 53.6 41.9 62.9

119 32.9 25.4 38.2

Manual Integrations
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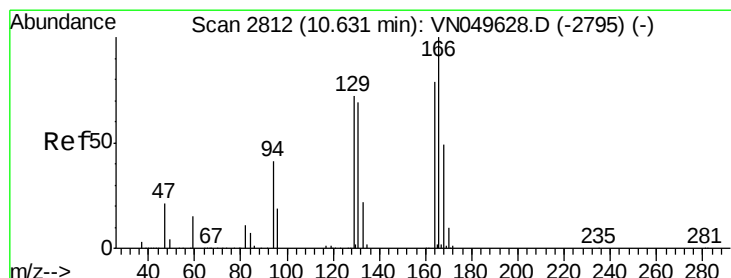
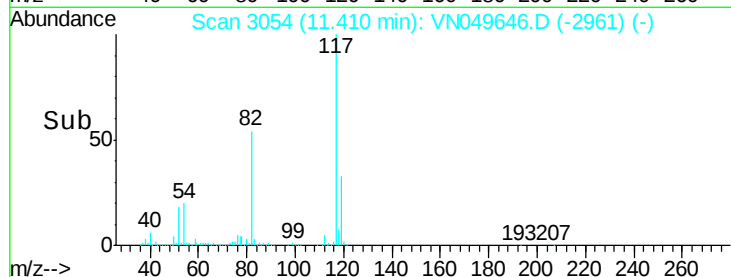
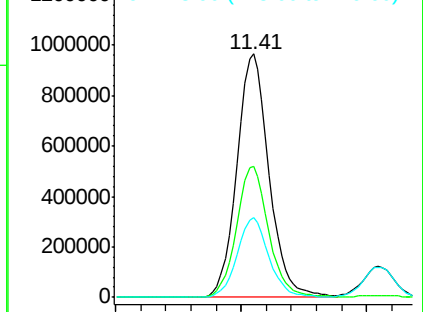
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Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 18.077 ug/l

RT: 10.63 min Scan# 2812

Delta R.T. 0.00 min

Lab File: VN049646.D

Acq: 30 Jun 2018 14:26

Tgt Ion:164 Resp: 421793

Ion Ratio Lower Upper

164 100

166 128.3 101.8 152.6

129 91.2 72.8 109.2

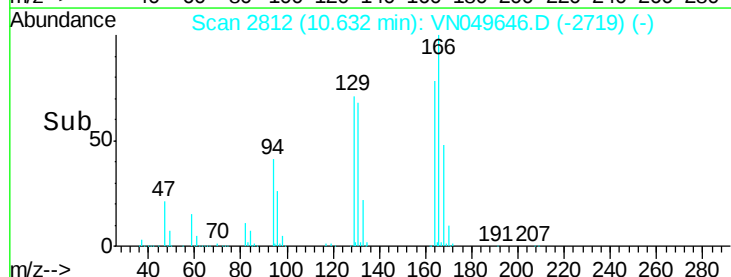
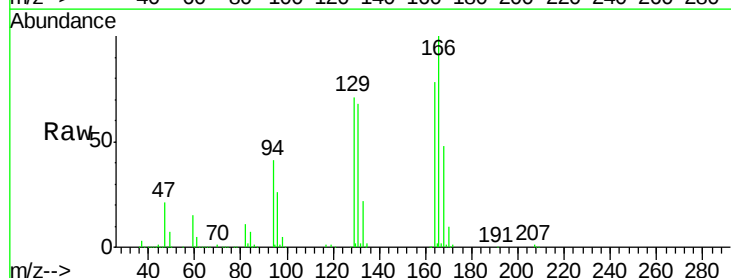
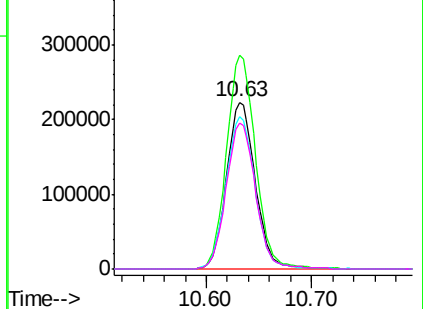
131 87.4 70.0 105.0

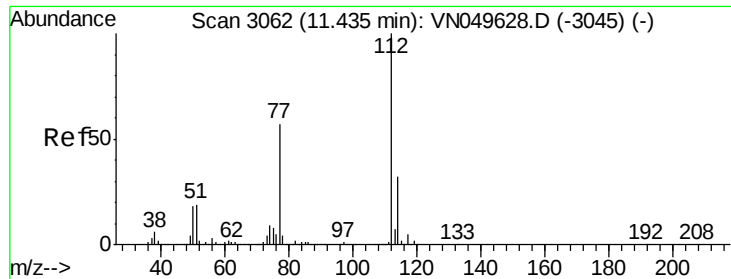
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





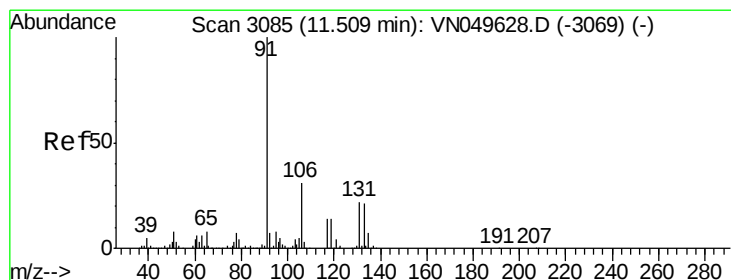
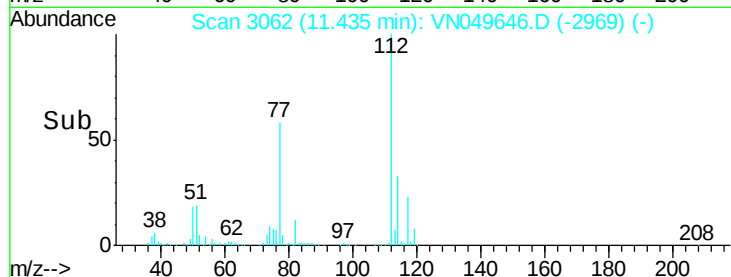
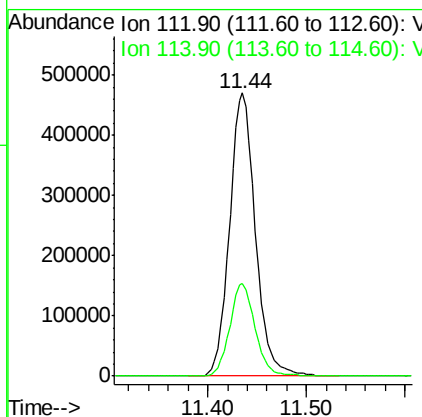
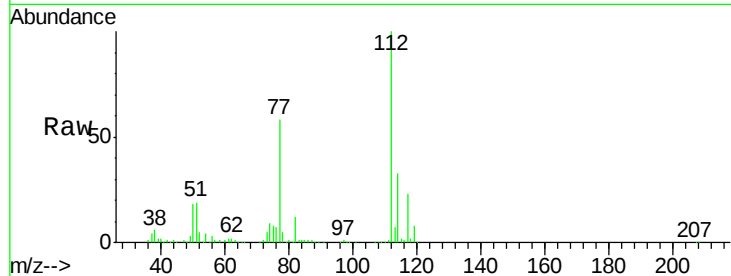
#65
Chlorobenzene
Concen: 19.080 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN049646.D
Acq: 30 Jun 2018 14:26

Instrument :
MSVOA_N
ClientSampled :
VN0630WBS01

Tgt Ion:112 Resp: 857698
Ion Ratio Lower Upper
112 100
114 32.7 25.4 38.0

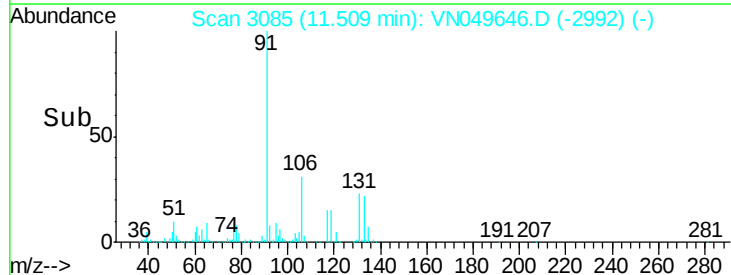
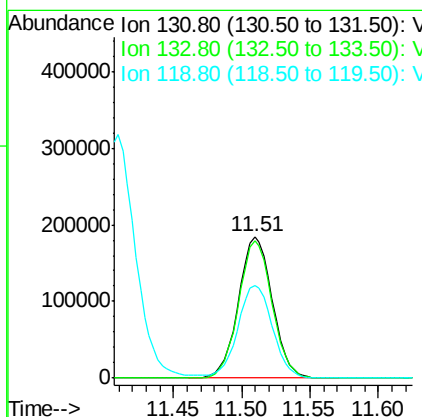
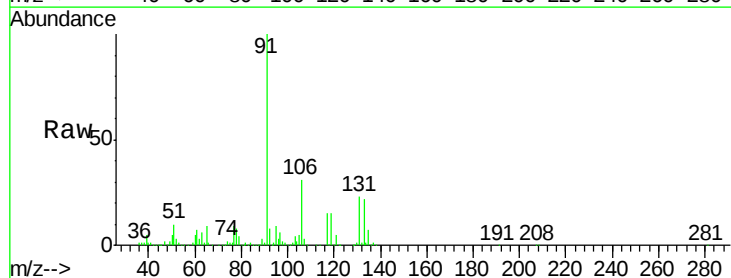
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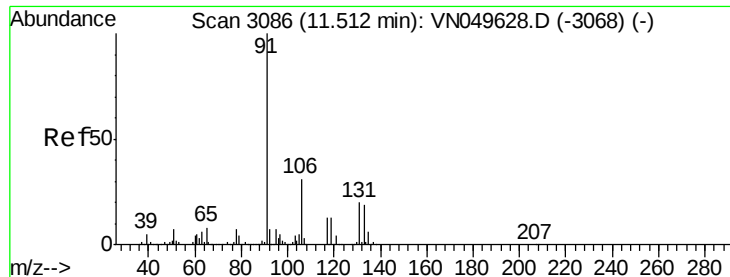
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.653 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. 0.00 min
Lab File: VN049646.D
Acq: 30 Jun 2018 14:26

Tgt Ion:131 Resp: 317453
Ion Ratio Lower Upper
131 100
133 96.4 47.5 142.6
119 66.9 33.1 99.3





#67

Ethyl Benzene

Concen: 19.482 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049646.D

Acq: 30 Jun 2018 14:26

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBS01

Tgt Ion: 91 Resp: 1447703

Ion Ratio Lower Upper

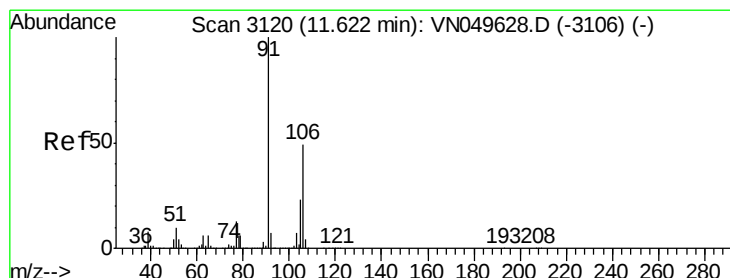
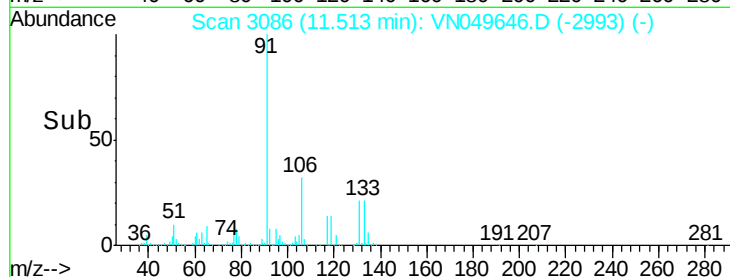
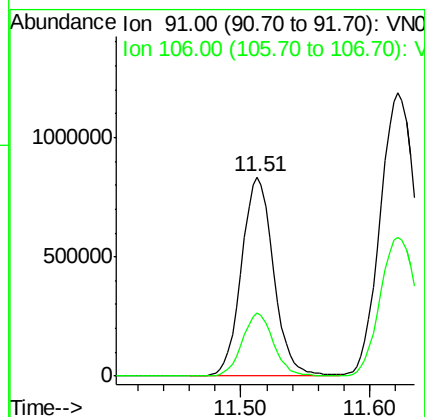
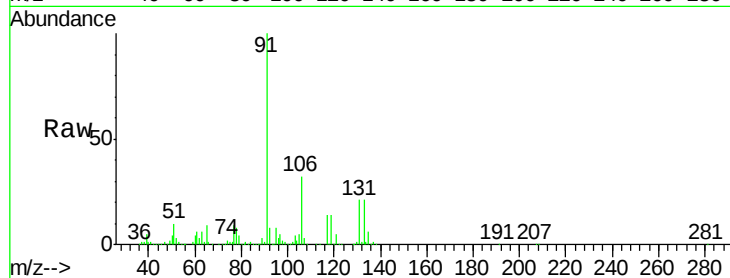
91 100

106 31.6 24.8 37.2

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#68

m/p-Xylenes

Concen: 40.391 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN049646.D

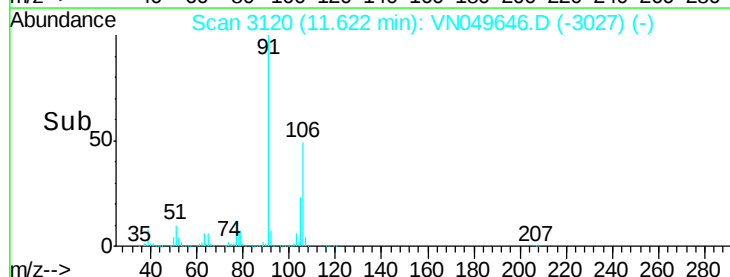
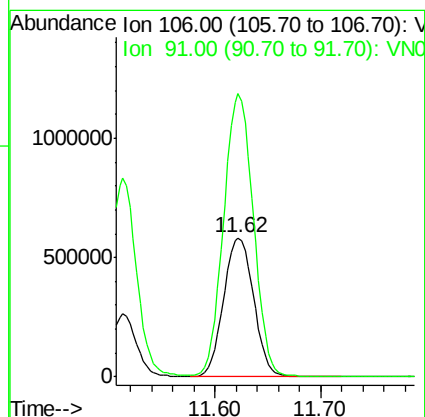
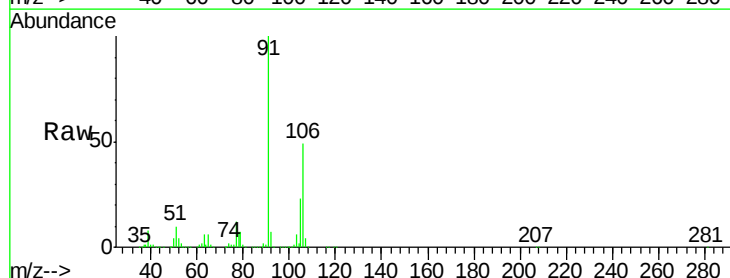
Acq: 30 Jun 2018 14:26

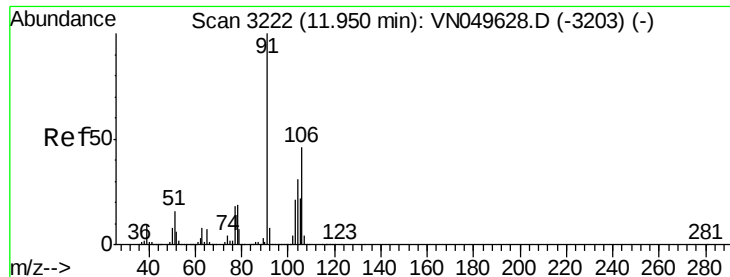
Tgt Ion: 106 Resp: 1150247

Ion Ratio Lower Upper

106 100

91 201.6 163.4 245.2





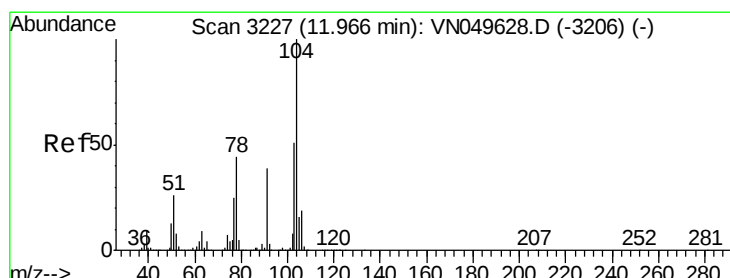
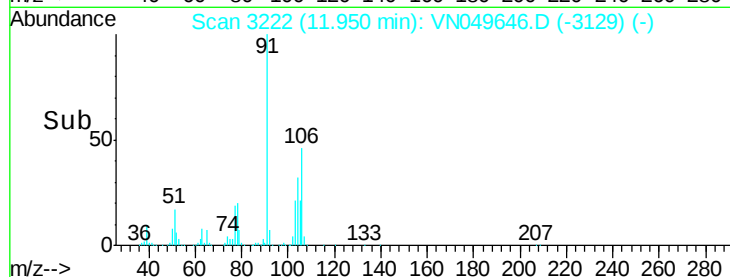
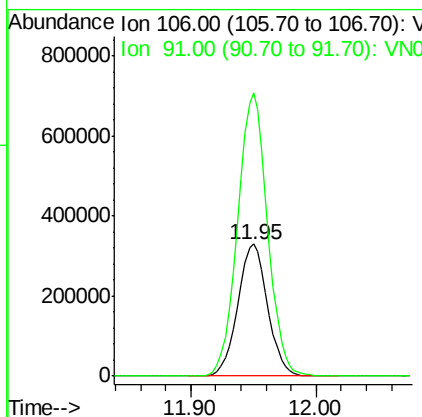
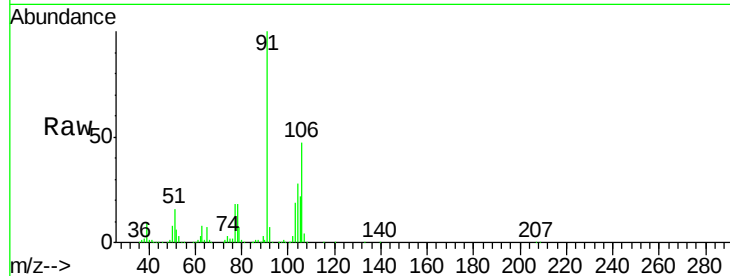
#69
o-Xylene
Concen: 19.911 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049646.D
Acq: 30 Jun 2018 14:26

Instrument :
MSVOA_N
ClientSampled :
VN0630WBS01

Tgt Ion:106 Resp: 542871
Ion Ratio Lower Upper
106 100
91 215.1 108.7 326.1

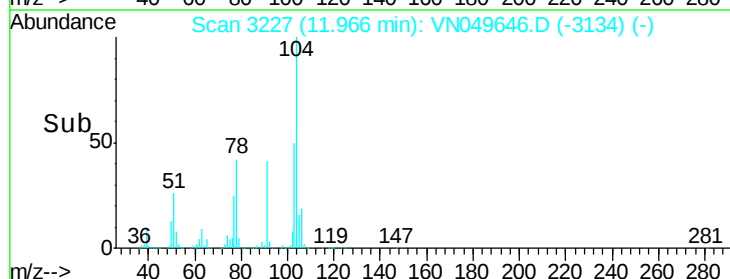
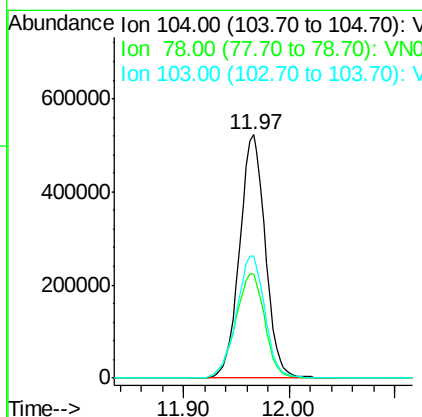
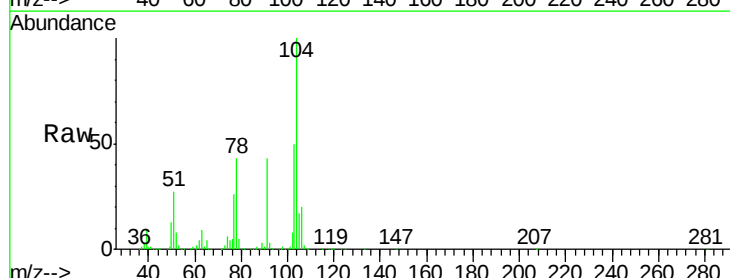
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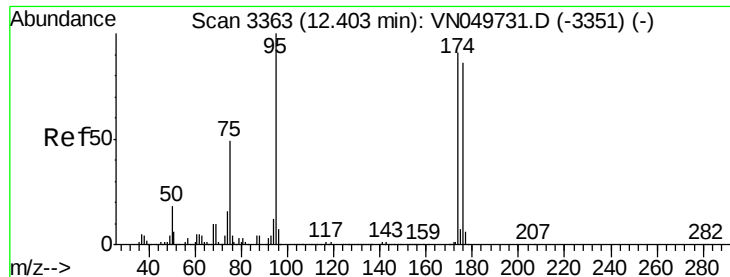
apatel
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#70
Styrene
Concen: 20.047 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049646.D
Acq: 30 Jun 2018 14:26

Tgt Ion:104 Resp: 884364
Ion Ratio Lower Upper
104 100
78 48.6 39.2 58.8
103 55.5 44.6 67.0





#71

Bromoform

Concen: 19.479 ug/l

RT: 12.13 min Scan# 3278

Delta R.T. 0.00 min

Lab File: VN049646.D

Acq: 30 Jun 2018 14:26

Instrument :

MSVOA_N

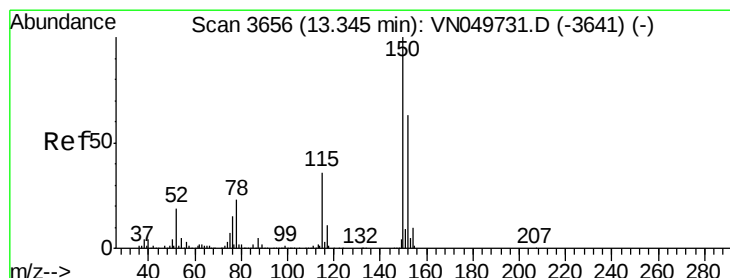
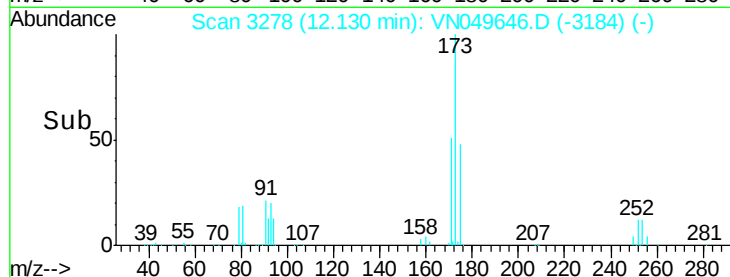
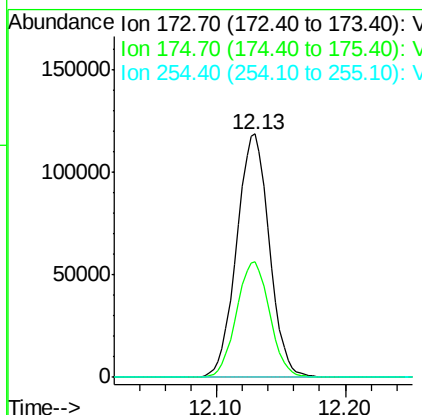
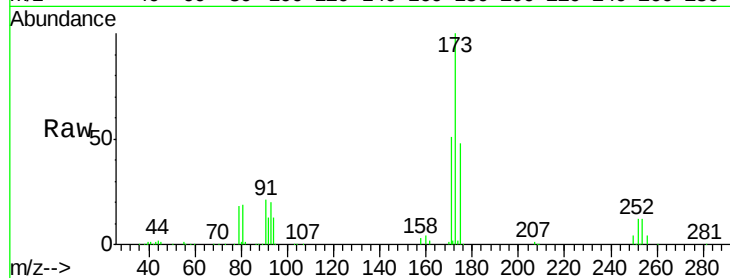
ClientSampleId :

VN0630WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	209064		
175	48.5	24.6	73.8	
254	0.0	0.2	0.2#	

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

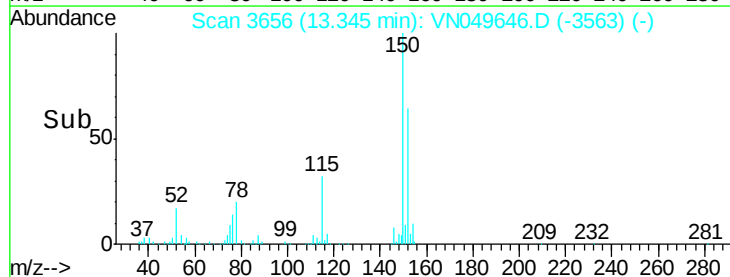
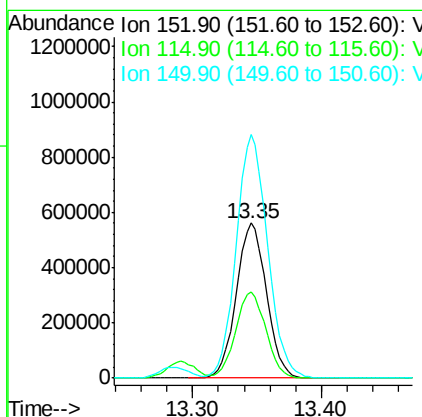
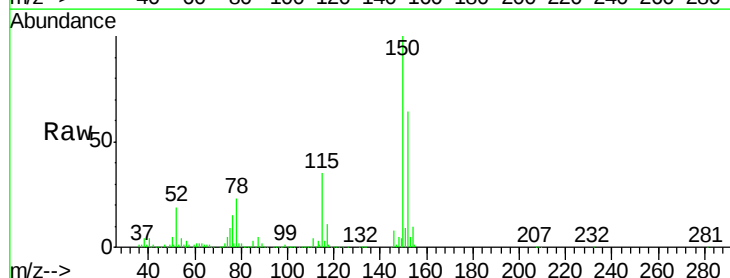
RT: 13.35 min Scan# 3656

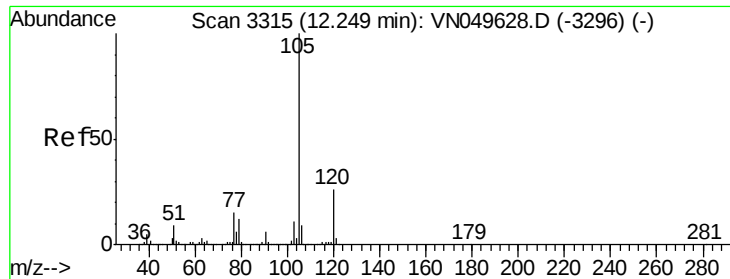
Delta R.T. 0.00 min

Lab File: VN049646.D

Acq: 30 Jun 2018 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	907939		
115	55.7	28.1	84.2	
150	164.1	0.0	347.6	





#73

Isopropylbenzene

Concen: 20.019 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049646.D

Acq: 30 Jun 2018 14:26

Instrument :

MSVOA_N

ClientSampled :

VN0630WBS01

Tgt Ion:105 Resp: 1447805

Ion Ratio Lower Upper

105 100

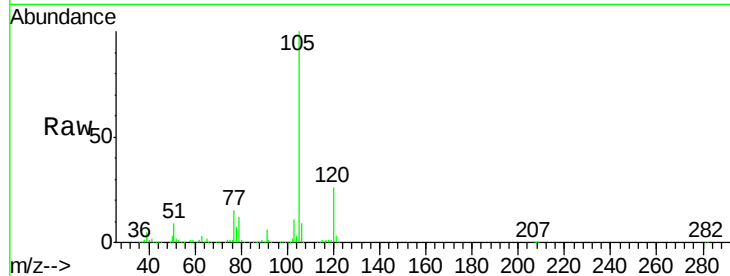
120 26.1 13.3 39.8

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

800000

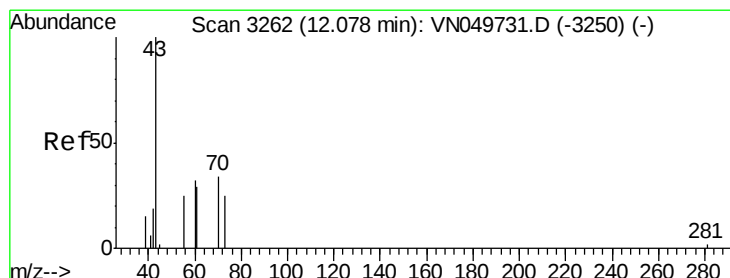
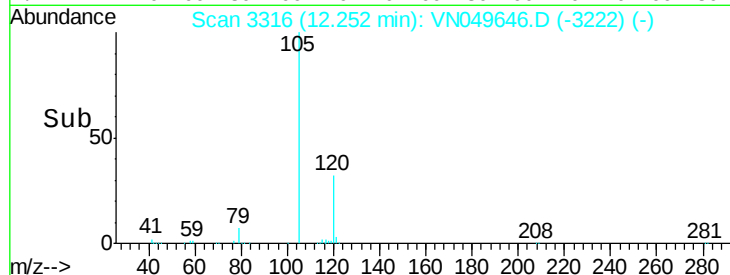
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 18.771 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049646.D

Acq: 30 Jun 2018 14:26

Tgt Ion: 43 Resp: 370826

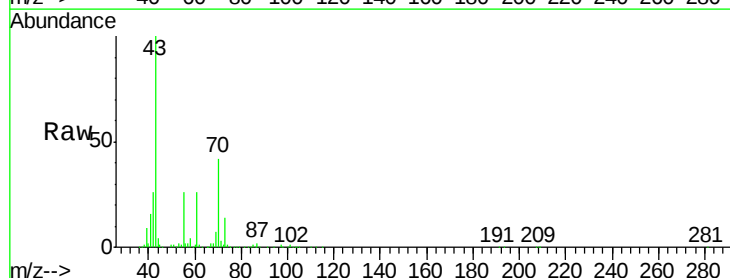
Ion Ratio Lower Upper

43 100

70 43.1 34.8 52.2

55 26.7 20.9 31.3

61 24.7 19.9 29.9



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

12.07

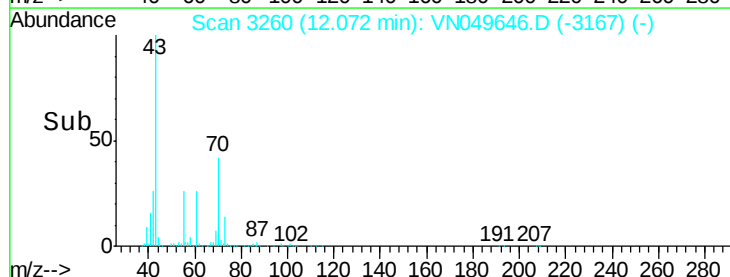
300000

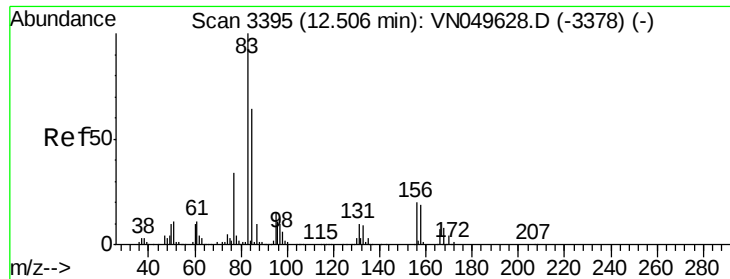
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.347 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049646.D

Acq: 30 Jun 2018 14:26

Instrument :

MSVOA_N

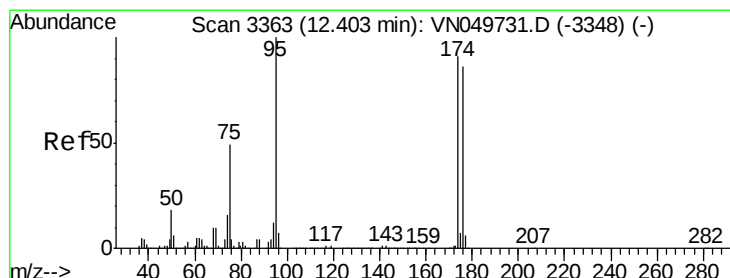
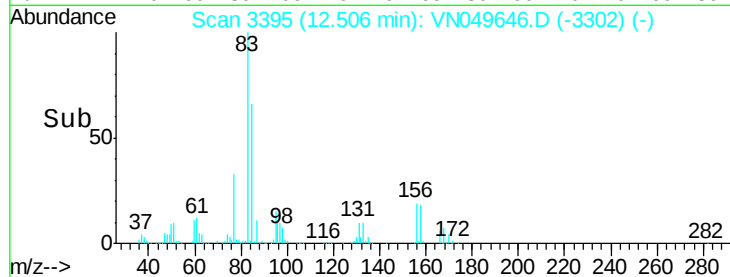
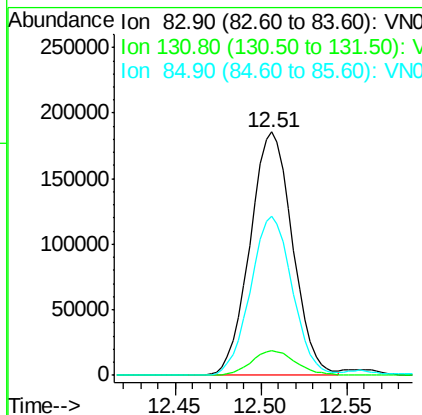
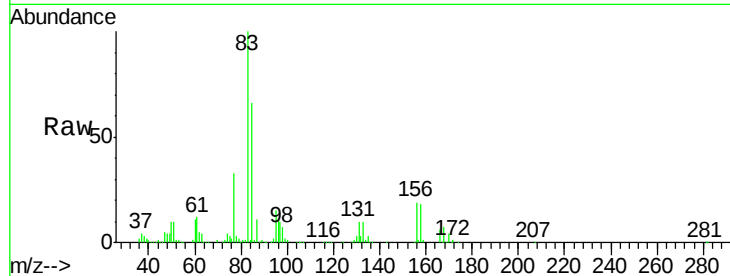
ClientSampled :

VN0630WBS01

Tgt Ion:	83	Resp:	318046
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.2	15.6
85	64.4	32.5	97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.261 ug/l m

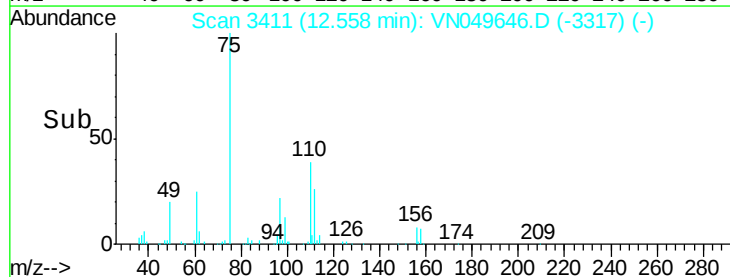
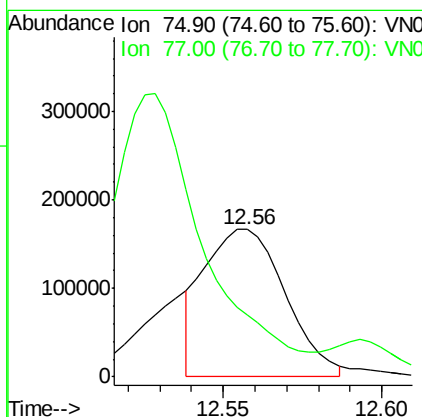
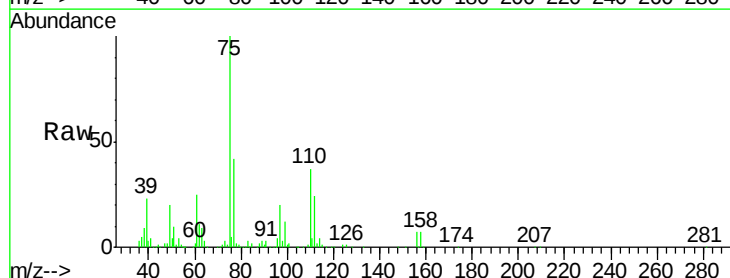
RT: 12.56 min Scan# 3411

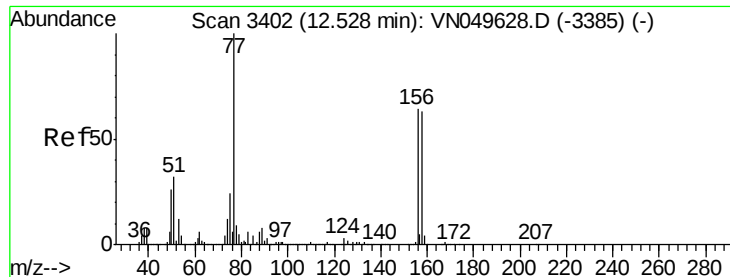
Delta R.T. 0.00 min

Lab File: VN049646.D

Acq: 30 Jun 2018 14:26

Tgt Ion:	75	Resp:	295034
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.938 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049646.D

Acq: 30 Jun 2018 14:26

Instrument :

MSVOA_N

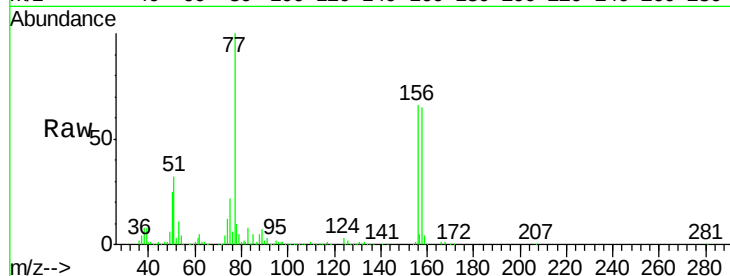
ClientSampled :

VN0630WBS01

Tgt Ion:	156	Resp:	372422
Ion Ratio	Lower	Upper	
156	100		
77	177.2	90.2	270.6
158	97.9	49.1	147.3

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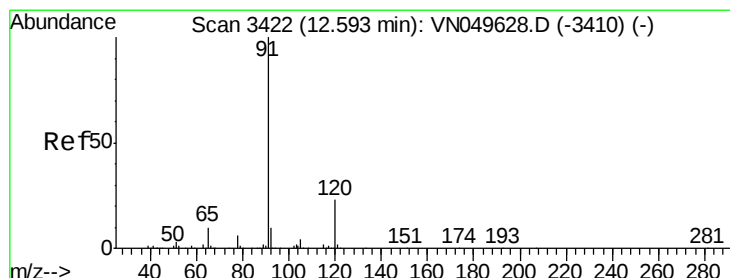
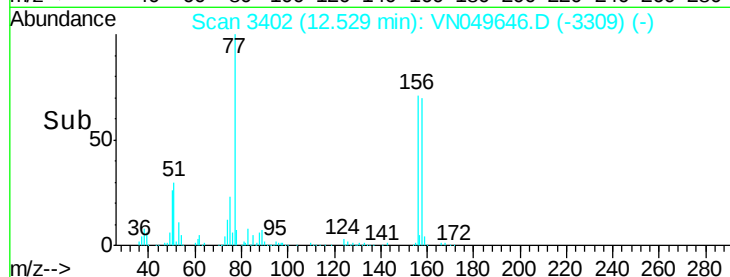
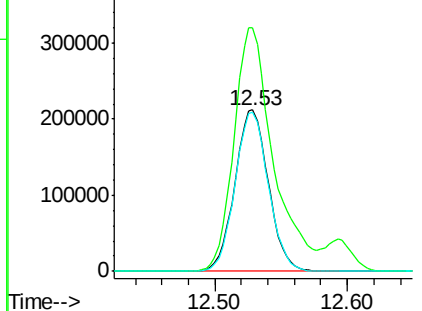
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.148 ug/l

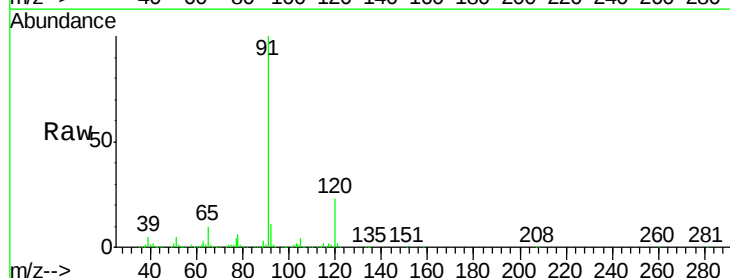
RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049646.D

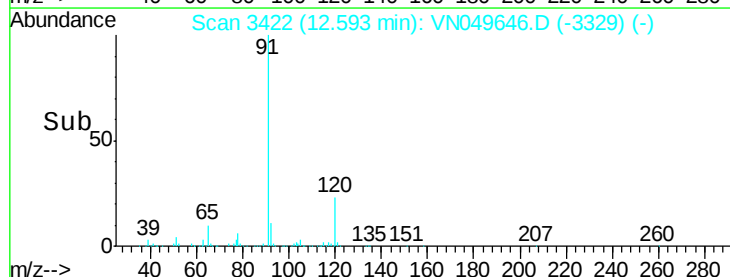
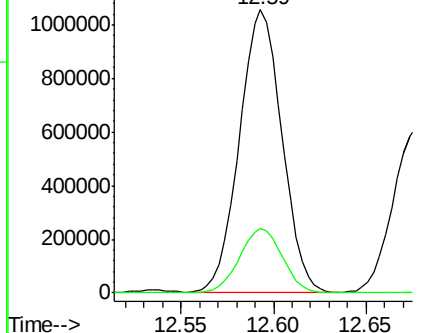
Acq: 30 Jun 2018 14:26

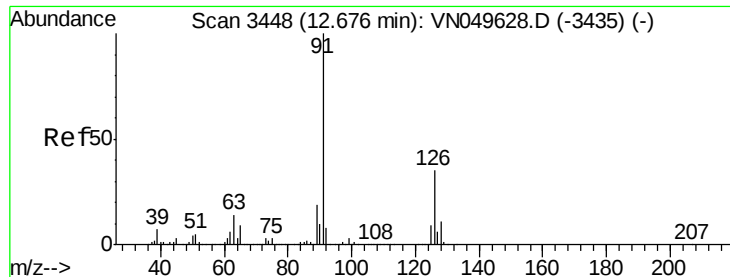
Tgt Ion:	91	Resp:	1670008
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.5	34.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.251 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049646.D

Acq: 30 Jun 2018 14:26

Instrument :

MSVOA_N

ClientSampled :

VN0630WBS01

Tgt Ion: 91 Resp: 1009857

Ion Ratio Lower Upper

91 100

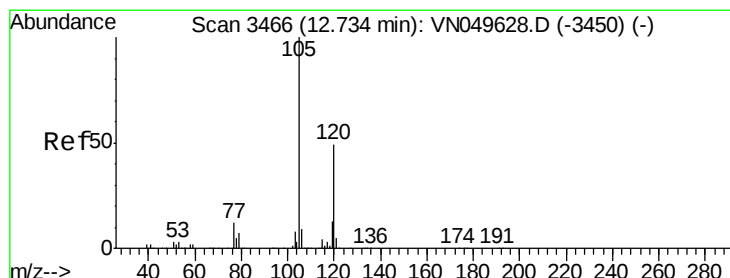
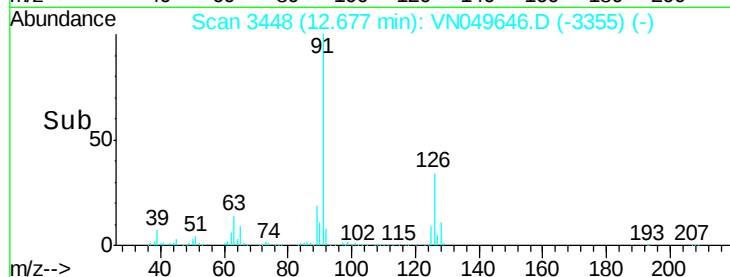
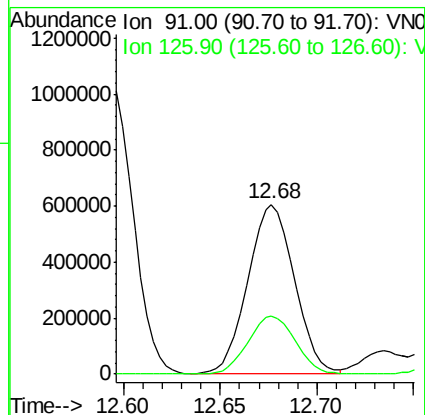
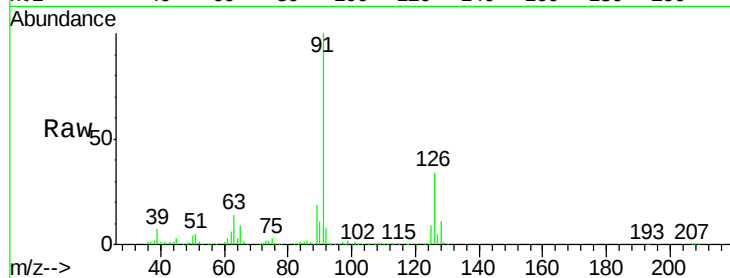
126 35.0 17.5 52.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 20.662 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049646.D

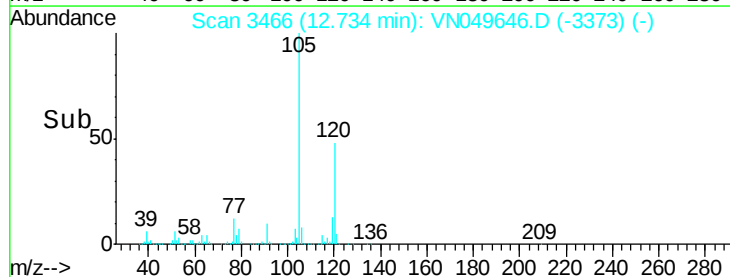
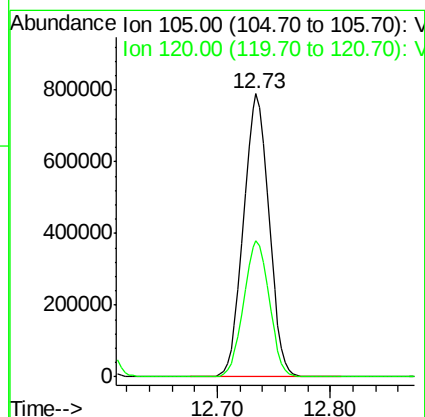
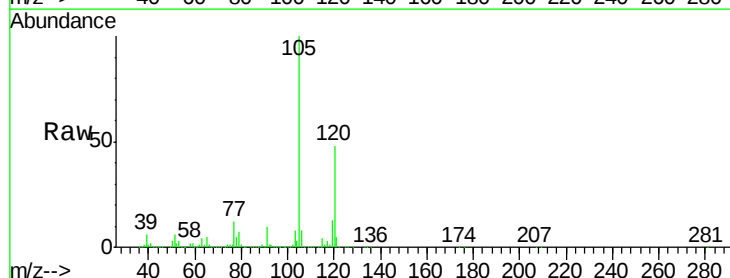
Acq: 30 Jun 2018 14:26

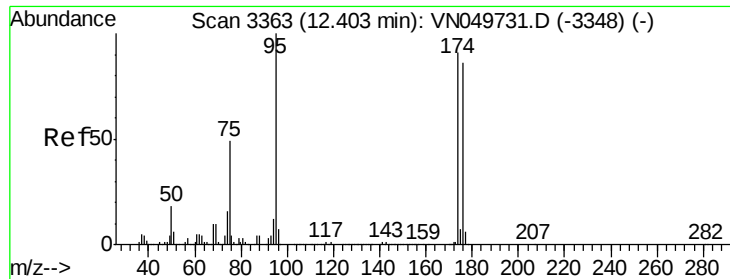
Tgt Ion: 105 Resp: 1241761

Ion Ratio Lower Upper

105 100

120 48.4 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.898 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN049646.D

Acq: 30 Jun 2018 14:26

Instrument :

MSVOA_N

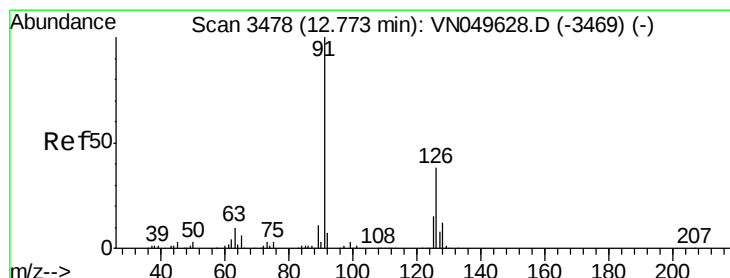
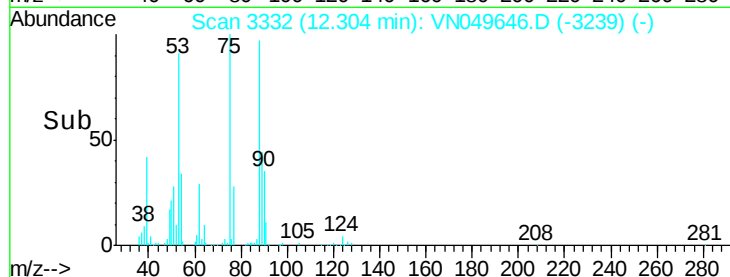
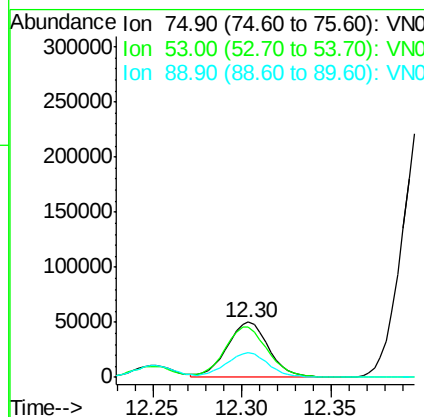
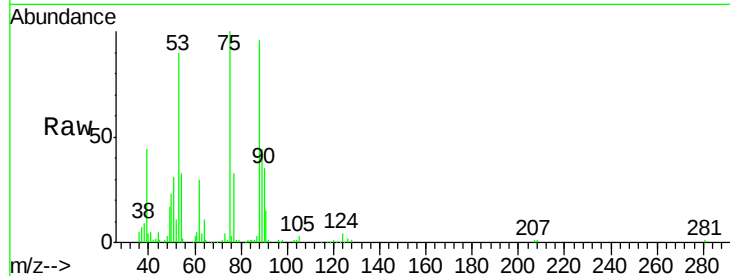
ClientSampleId :

VN0630WBS01

Tgt Ion:	75	Resp:	81021
Ion Ratio	Lower	Upper	
75	100		
53	95.0	73.9	110.9
89	46.2	35.9	53.9

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#82

4-Chlorotoluene

Concen: 19.202 ug/l

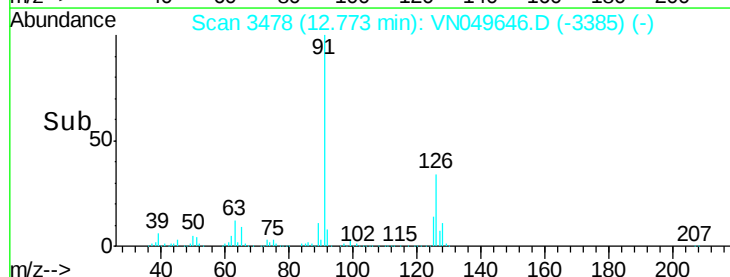
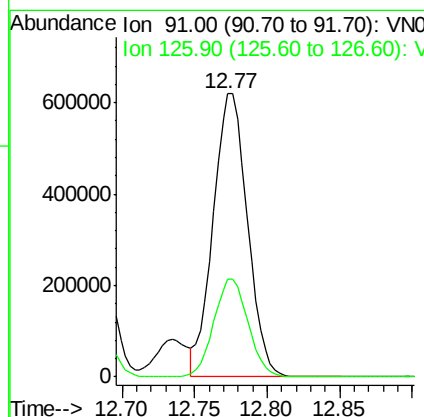
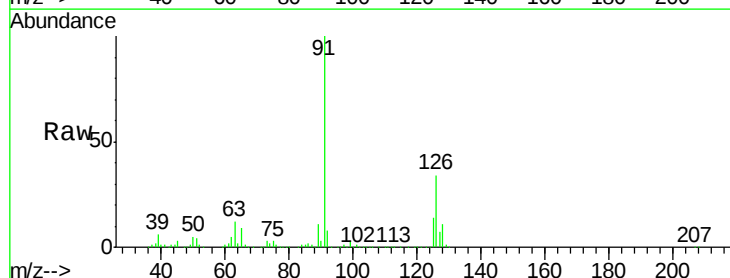
RT: 12.77 min Scan# 3478

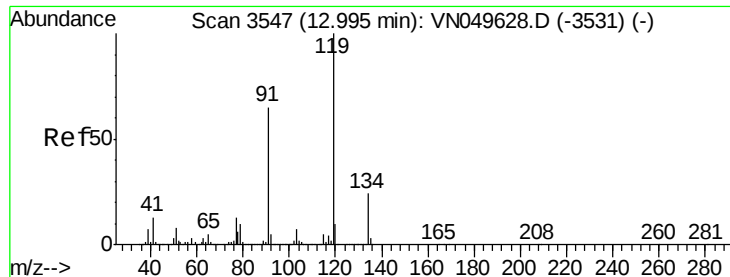
Delta R.T. 0.00 min

Lab File: VN049646.D

Acq: 30 Jun 2018 14:26

Tgt Ion:	91	Resp:	1012784
Ion Ratio	Lower	Upper	
91	100		
126	34.8	17.2	51.6





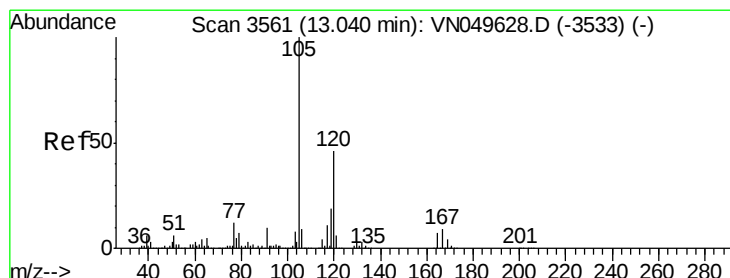
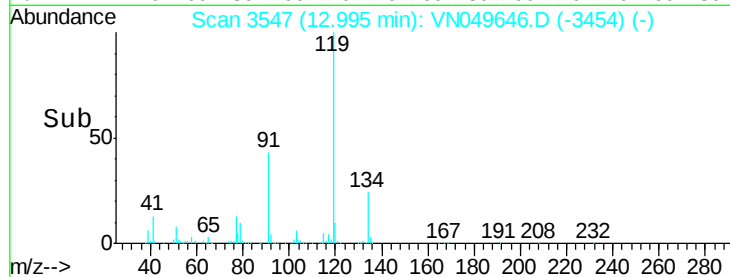
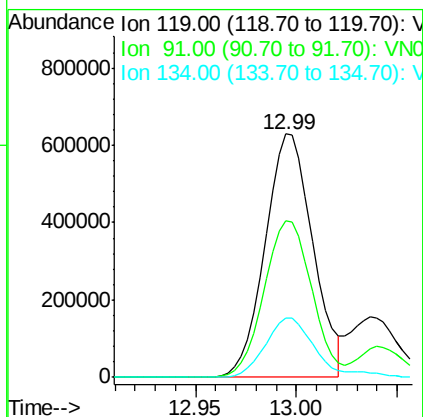
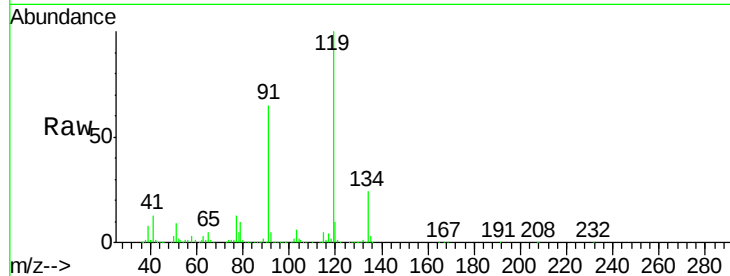
#83
tert-Butylbenzene
Concen: 19.989 ug/l
RT: 12.99 min Scan# 3547
Delta R.T. 0.00 min
Lab File: VN049646.D
Acq: 30 Jun 2018 14:26

Instrument :
MSVOA_N
ClientSampled :
VN0630WBS01

Tgt Ion:119 Resp: 1031956
Ion Ratio Lower Upper
119 100
91 64.6 32.0 96.2
134 25.8 12.8 38.4

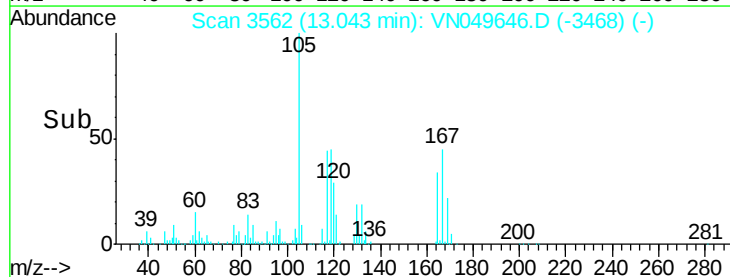
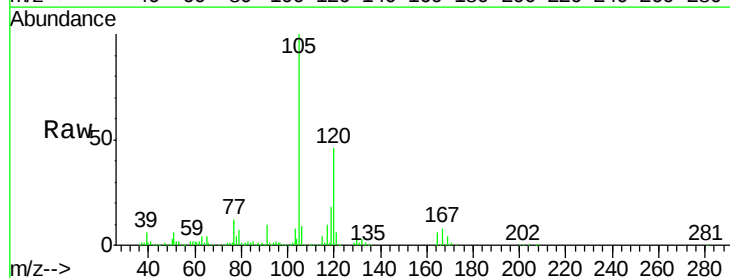
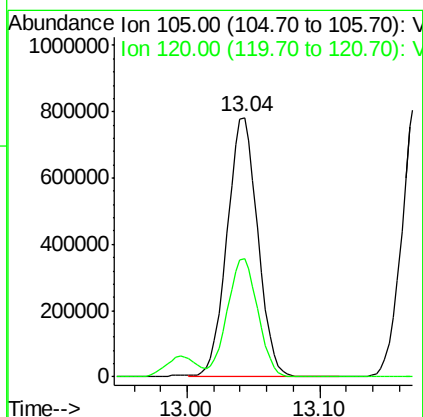
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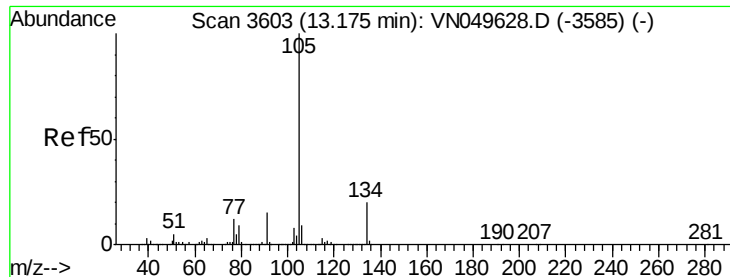
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#84
1,2,4-Trimethylbenzene
Concen: 20.280 ug/l
RT: 13.04 min Scan# 3562
Delta R.T. 0.00 min
Lab File: VN049646.D
Acq: 30 Jun 2018 14:26

Tgt Ion:105 Resp: 1252349
Ion Ratio Lower Upper
105 100
120 45.5 22.7 68.1





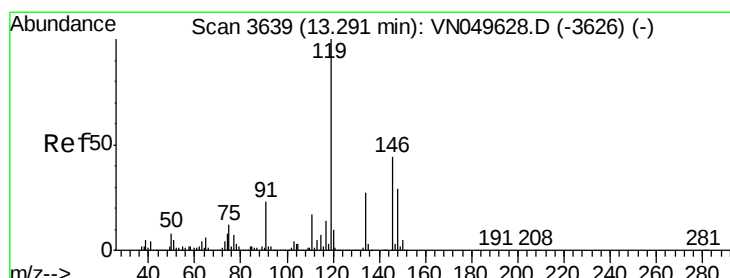
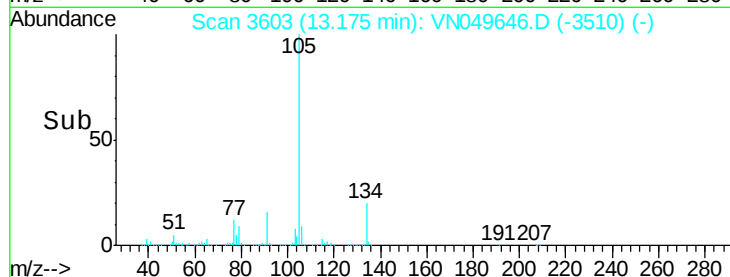
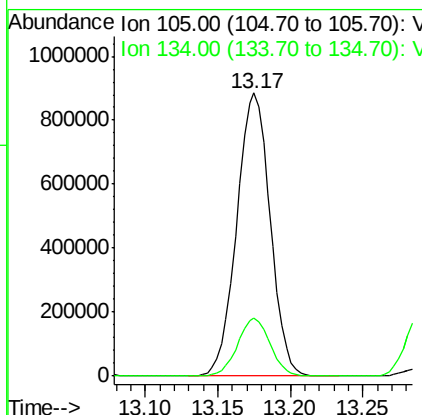
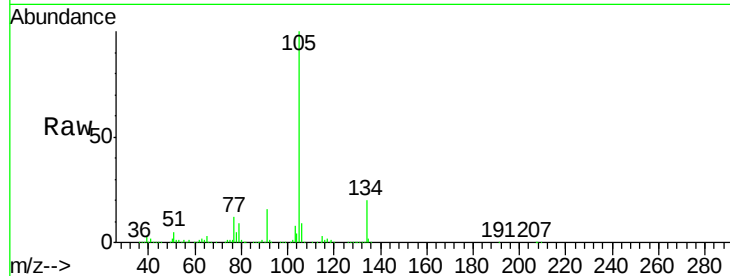
#85
 sec-Butylbenzene
 Concen: 20.621 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN049646.D
 Acq: 30 Jun 2018 14:26

Instrument :
 MSVOA_N
 ClientSampled :
 VN0630WBS01

Tgt Ion:105 Resp: 1410493
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1

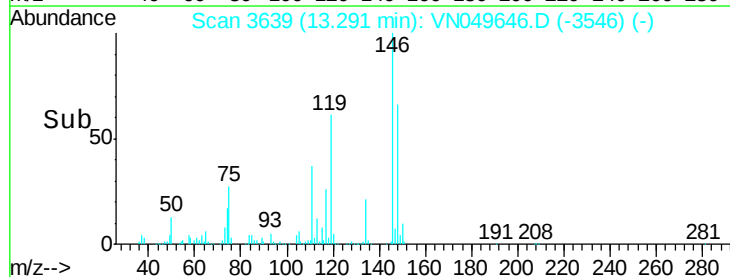
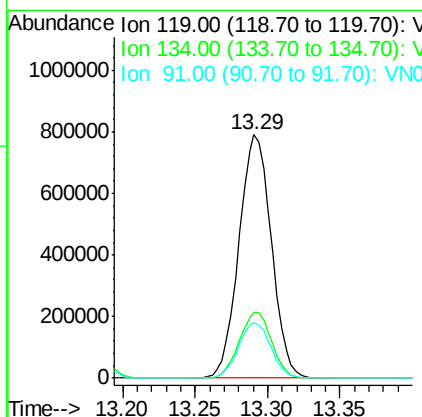
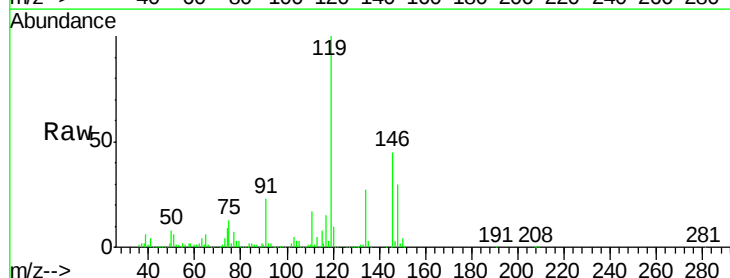
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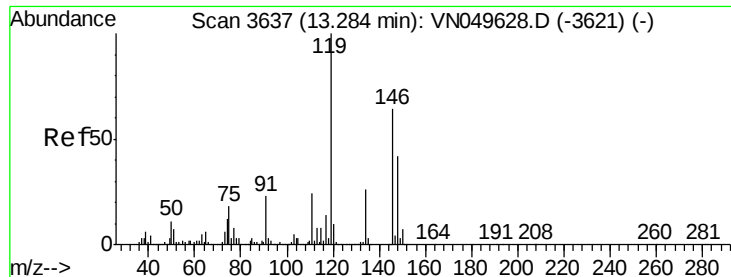
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#86
 p-Isopropyltoluene
 Concen: 20.633 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN049646.D
 Acq: 30 Jun 2018 14:26

Tgt Ion:119 Resp: 1222412
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.3 39.9
 91 22.8 11.4 34.1





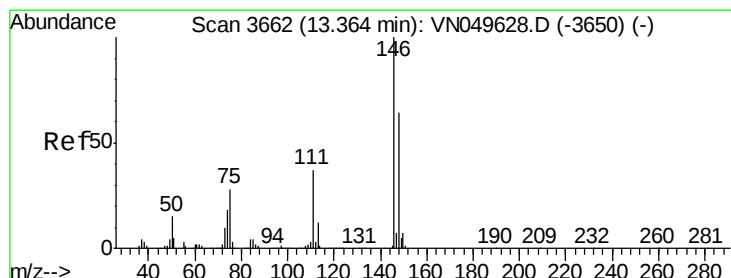
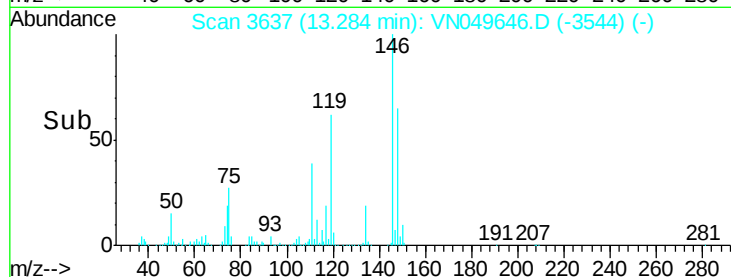
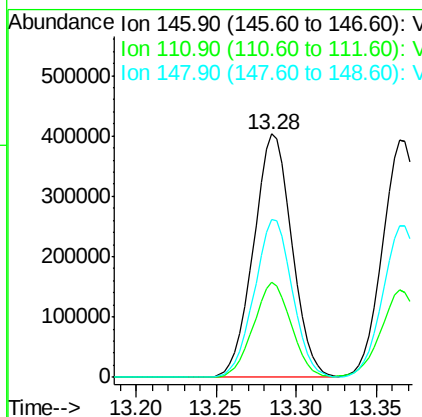
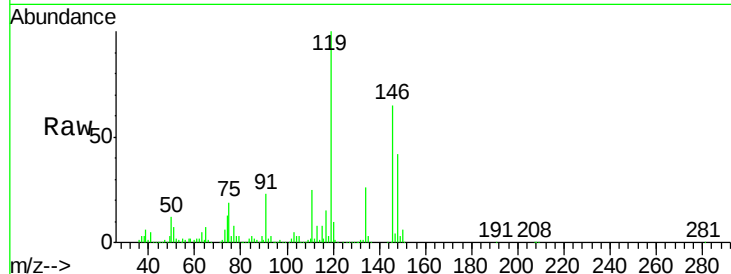
#87
 1,3-Dichlorobenzene
 Concen: 19.600 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN049646.D
 Acq: 30 Jun 2018 14:26

Instrument :
 MSVOA_N
 ClientSampled :
 VN0630WBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.0	57.0
148	64.4	32.5	97.5

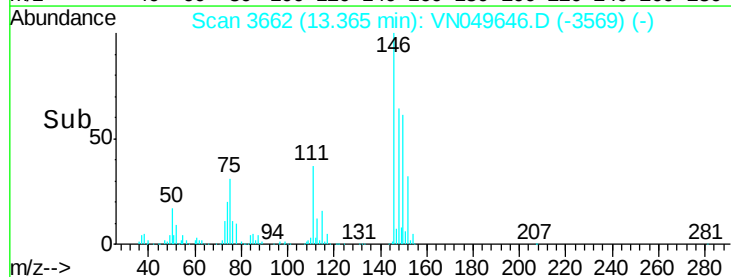
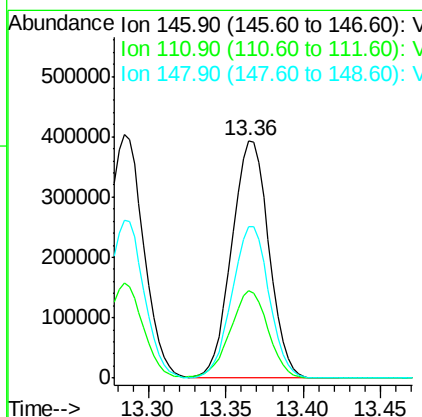
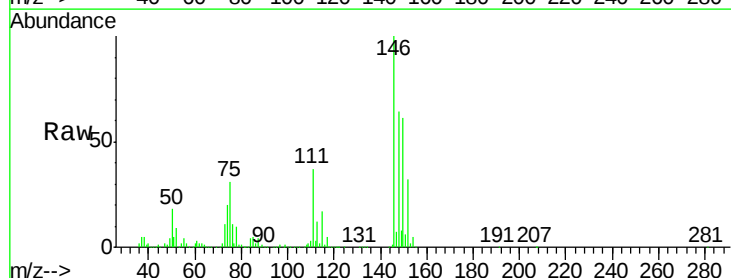
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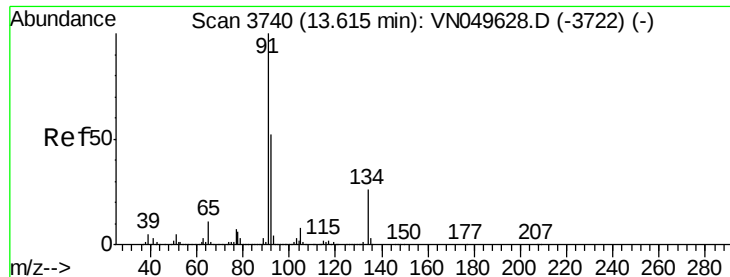
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#88
 1,4-Dichlorobenzene
 Concen: 19.757 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. 0.00 min
 Lab File: VN049646.D
 Acq: 30 Jun 2018 14:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.9	56.5
148	64.0	32.1	96.3





#89

n-Butylbenzene

Concen: 19.496 ug/l

RT: 13.62 min Scan# 3741

Delta R.T. 0.00 min

Lab File: VN049646.D

Acq: 30 Jun 2018 14:26

Instrument :

MSVOA_N

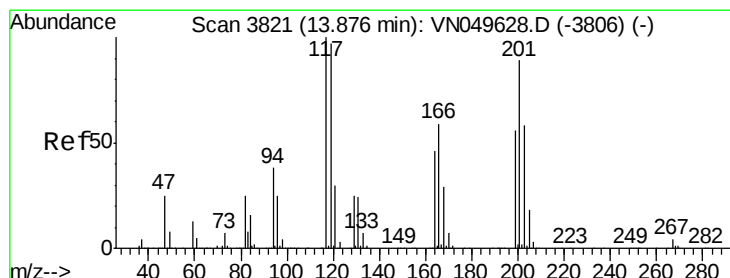
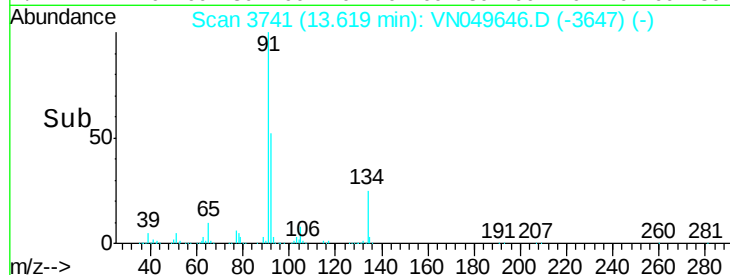
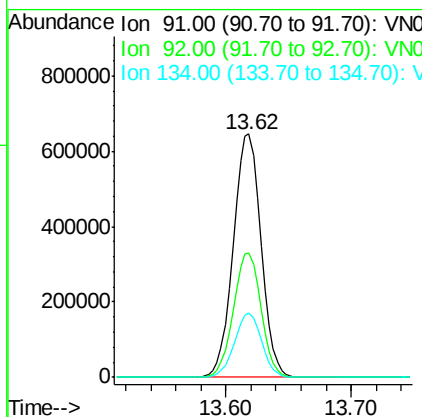
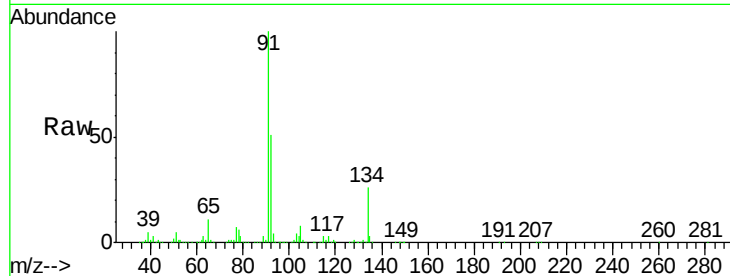
ClientSampleId :

VN0630WBS01

Tgt Ion:	91	Resp:	988854
Ion Ratio	Lower	Upper	
91	100		
92	51.2	25.8	77.3
134	25.9	13.0	38.9

Manual Integrations
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#90

Hexachloroethane

Concen: 24.724 ug/l

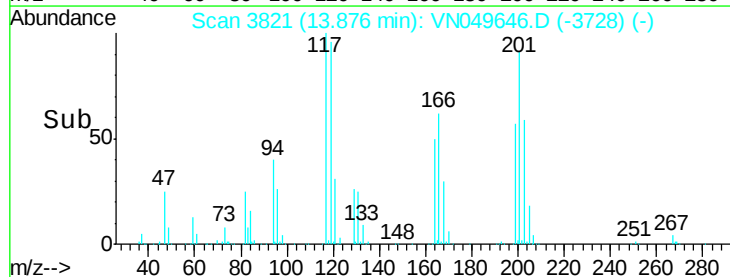
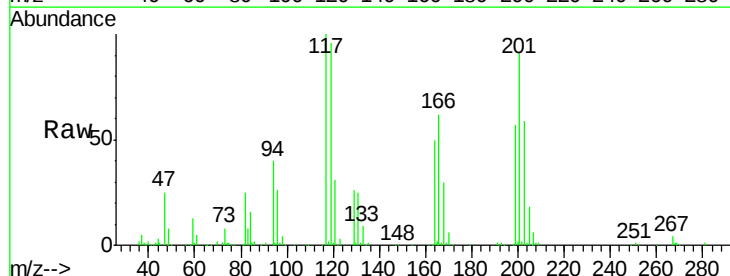
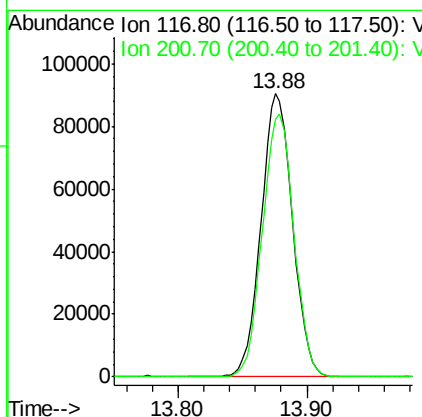
RT: 13.88 min Scan# 3821

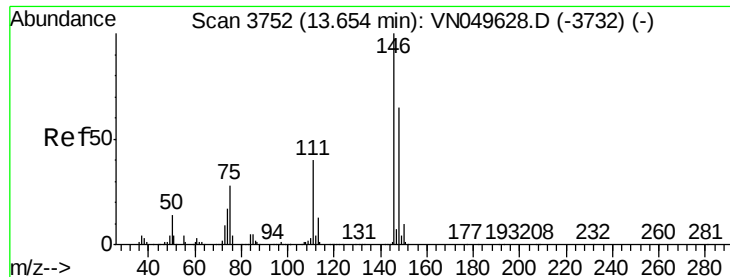
Delta R.T. 0.00 min

Lab File: VN049646.D

Acq: 30 Jun 2018 14:26

Tgt Ion:	117	Resp:	153861
Ion Ratio	Lower	Upper	
117	100		
201	92.8	45.3	135.8





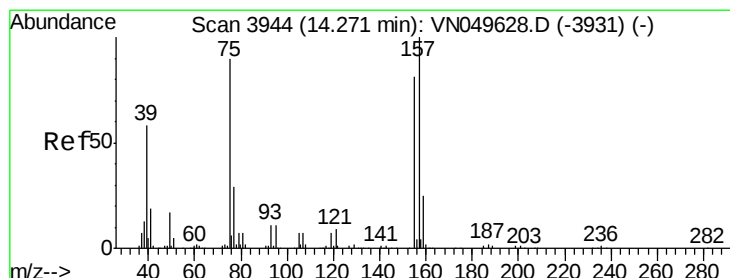
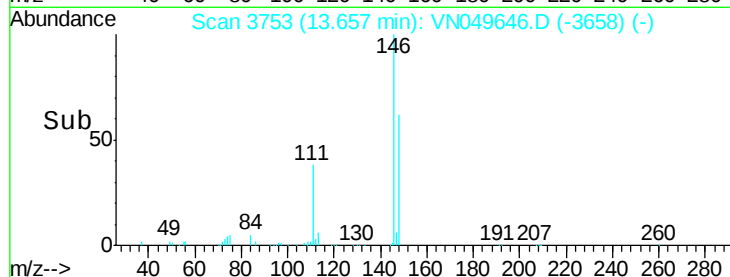
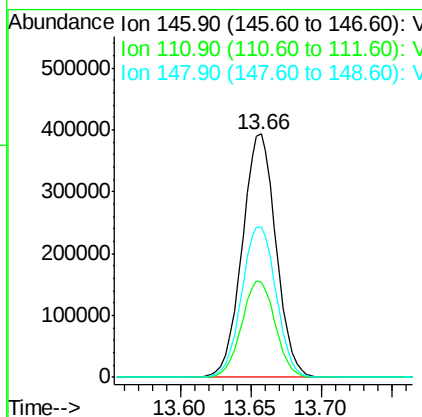
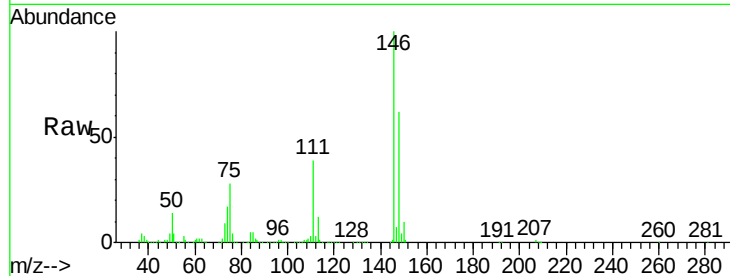
#91
 1,2-Dichlorobenzene
 Concen: 19.936 ug/l
 RT: 13.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VN049646.D
 Acq: 30 Jun 2018 14:26

Instrument :
 MSVOA_N
 ClientSampled :
 VN0630WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	659063		
111	39.5	19.7	59.1	
148	63.3	32.0	96.2	

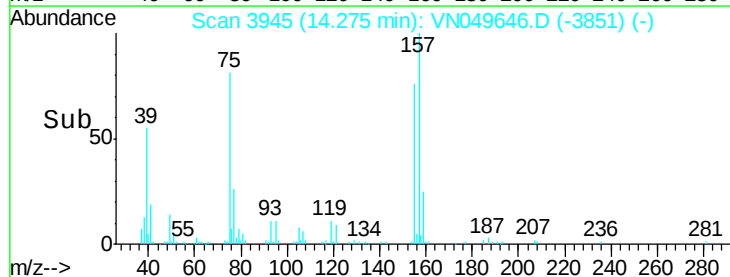
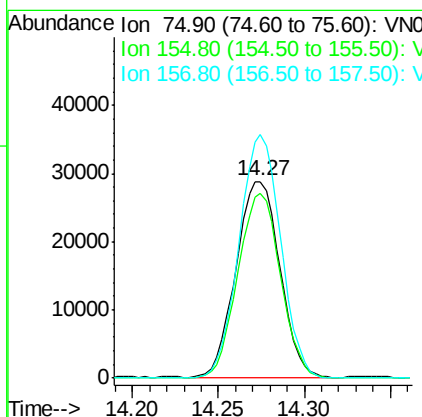
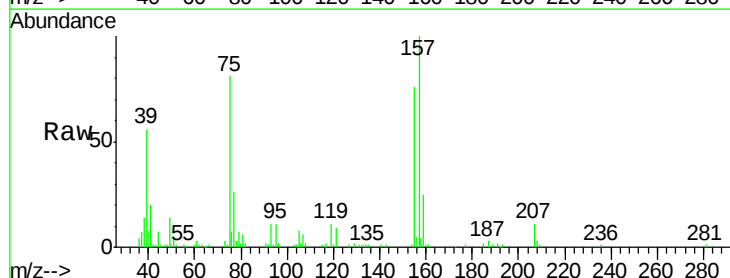
Manual Integrations
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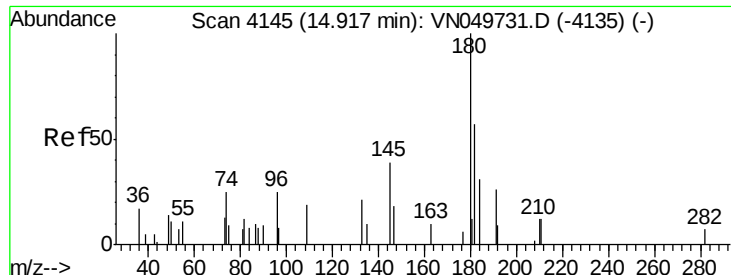
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.701 ug/l
 RT: 14.27 min Scan# 3945
 Delta R.T. 0.00 min
 Lab File: VN049646.D
 Acq: 30 Jun 2018 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	51282		
155	90.9	45.7	137.1	
157	116.7	56.9	170.7	





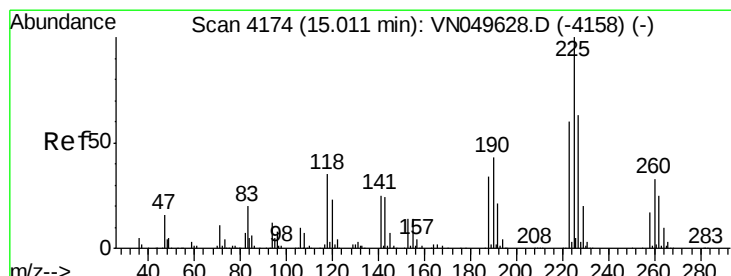
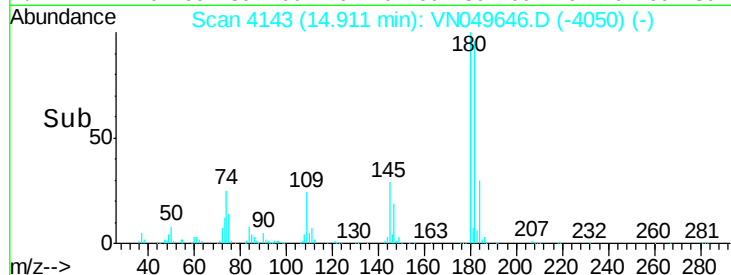
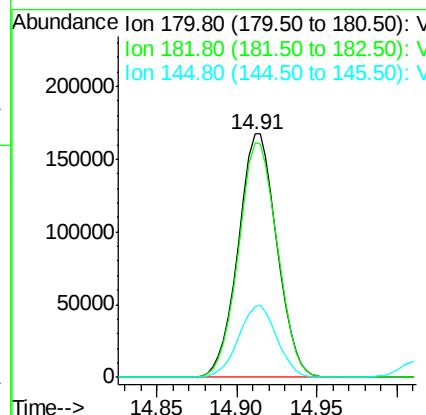
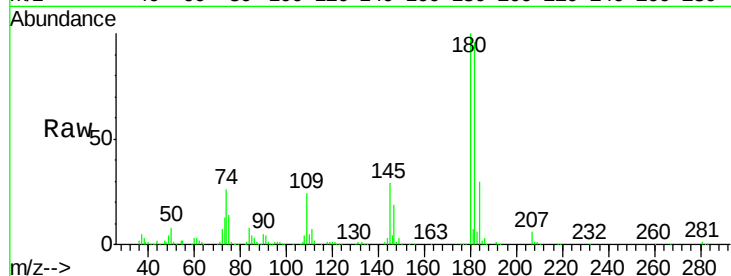
#93
 1,2,4-Trichlorobenzene
 Concen: 18.026 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN049646.D
 Acq: 30 Jun 2018 14:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	274539		
182	96.7	47.3	141.9	
145	29.3	14.4	43.0	

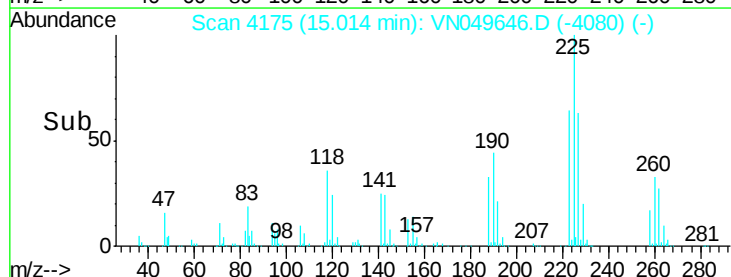
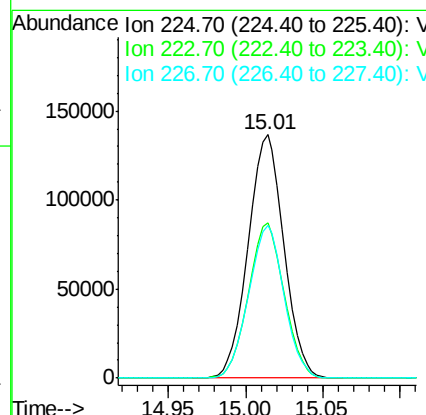
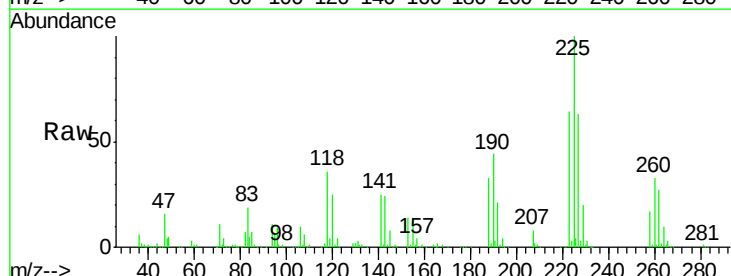
Manual Integrations
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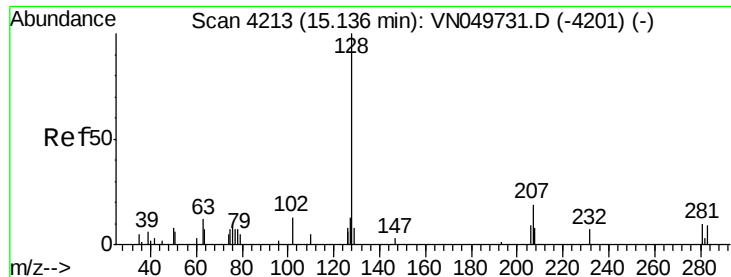
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#94
 Hexachlorobutadiene
 Concen: 21.503 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049646.D
 Acq: 30 Jun 2018 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	219625		
223	63.5	30.9	92.7	
227	62.3	31.8	95.4	





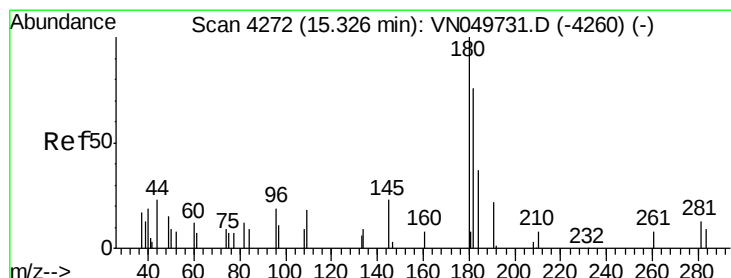
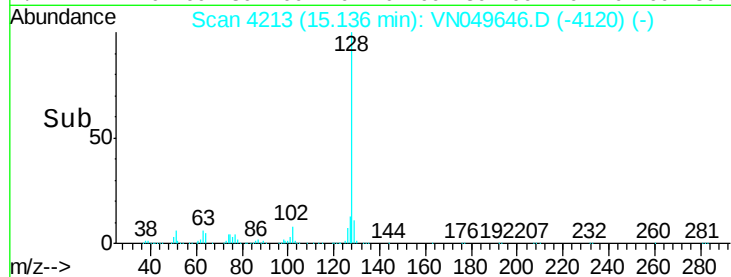
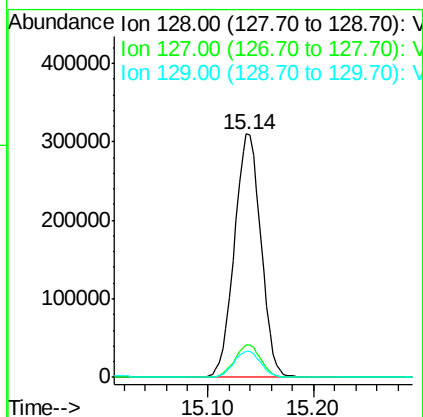
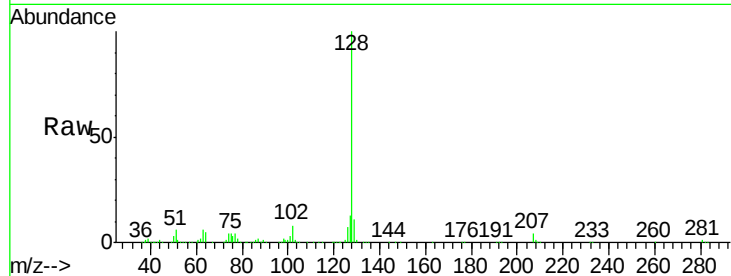
#95
Naphthalene
Concen: 17.512 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049646.D
Acq: 30 Jun 2018 14:26

Instrument :
MSVOA_N
ClientSampled :
VN0630WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	540392		
127	13.1	10.4	15.6	
129	10.8	8.6	13.0	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 18.830 ug/l
RT: 15.32 min Scan# 4270
Delta R.T. 0.00 min
Lab File: VN049646.D
Acq: 30 Jun 2018 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	282255		
182	96.4	47.4	142.2	
145	30.0	15.2	45.6	

