

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062918\
 Data File : VN049637.D
 Acq On : 29 Jun 2018 17:49
 Operator : MD\SY
 Sample : VN0629WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS02

Manual Integrations
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 7/2/2018 2:20:23 PM

Quant Time: Jun 30 01:46:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 29 15:11:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1278200	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1959320	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1770776	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	914336	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	952262	56.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.82%	
35) Dibromofluoromethane	7.59	113	793183	54.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.30%	
50) Toluene-d8	10.09	98	3015818	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	
62) 4-Bromofluorobenzene	12.40	95	1026829	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	304370	21.13	ug/l	96
3) Chloromethane	2.06	50	368749	20.50	ug/l	97
4) Vinyl Chloride	2.18	62	388705	20.12	ug/l	97
5) Bromomethane	2.56	94	209486	20.64	ug/l	98
6) Chloroethane	2.70	64	246796	20.18	ug/l	99
7) Trichlorofluoromethane	3.01	101	428486	19.41	ug/l	100
8) Diethyl Ether	3.41	74	202415	22.62	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.75	101	315162	19.85	ug/l	93
10) Methyl Iodide	3.95	142	446929	22.49	ug/l	91
11) Tert butyl alcohol	4.80	59	134165	138.51	ug/l #	91
12) 1,1-Dichloroethene	3.73	96	290948	19.38	ug/l	89
13) Acrolein	3.61	56	104343	115.32	ug/l	96
14) Allyl chloride	4.32	41	426812	20.70	ug/l	90
15) Acrylonitrile	5.00	53	599679	119.87	ug/l	99
16) Acetone	3.82	43	459302	128.37	ug/l	93
17) Carbon Disulfide	4.05	76	819630	19.62	ug/l	100
18) Methyl Acetate	4.33	43	391913	22.94	ug/l	95
19) Methyl tert-butyl Ether	5.05	73	926322	23.93	ug/l	98
20) Methylene Chloride	4.55	84	365223	21.01	ug/l	90
21) trans-1,2-Dichloroethene	5.04	96	311927	20.19	ug/l	93
22) Diisopropyl ether	5.95	45	1060852	22.74	ug/l	94
23) Vinyl Acetate	5.90	43	3583002	118.43	ug/l	95
24) 1,1-Dichloroethane	5.85	63	619249	21.07	ug/l	99
25) 2-Butanone	6.84	43	699649	124.85	ug/l	97
26) 2,2-Dichloropropane	6.82	77	479820	19.66	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	375628	21.76	ug/l	91
28) Bromochloromethane	7.20	49	289387	23.20	ug/l #	82
29) Tetrahydrofuran	7.22	42	458821	128.46	ug/l	93
30) Chloroform	7.37	83	638452	21.31	ug/l	98
31) Cyclohexane	7.65	56	514602	19.98	ug/l	93
32) 1,1,1-Trichloroethane	7.57	97	517682	20.41	ug/l	96
36) 1,1-Dichloropropene	7.79	75	433826	19.68	ug/l	96
37) Ethyl Acetate	6.93	43	319881	24.88	ug/l	98
38) Carbon Tetrachloride	7.77	117	411547	19.19	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	463141	19.16	ug/l	97
40) Benzene	8.04	78	1389949	20.65	ug/l	100
41) Methacrylonitrile	7.18	41	166119	24.20	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	473322	22.03	ug/l	96
43) Isopropyl Acetate	8.17	43	608785	23.54	ug/l	98
44) Trichloroethene	8.83	130	402542	19.83	ug/l	95
45) 1,2-Dichloropropane	9.12	63	375876	21.61	ug/l	98
46) Dibromomethane	9.21	93	234202	22.26	ug/l	91
47) Bromodichloromethane	9.40	83	482101	21.53	ug/l	97
48) Methyl methacrylate	9.20	41	280079	24.51	ug/l	89
49) 1,4-Dioxane	9.20	88	79269	516.07	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	1579963	125.34	ug/l	93
52) Toluene	10.16	92	870849	21.42	ug/l	95
53) t-1,3-Dichloropropene	10.38	75	464515	21.66	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	541435	21.60	ug/l	91
55) 1,1,2-Trichloroethane	10.56	97	338474	22.35	ug/l	96
56) Ethyl methacrylate	10.43	69	423263	23.85	ug/l #	87
57) 1,3-Dichloropropane	10.71	76	556590	22.67	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	946663	107.78	ug/l	95
59) 2-Hexanone	10.75	43	1039672	124.73	ug/l	92
60) Dibromochloromethane	10.90	129	366677	22.41	ug/l	98
61) 1,2-Dibromoethane	11.01	107	331821	22.87	ug/l	99
64) Tetrachloroethene	10.63	164	478562	19.96	ug/l	97
65) Chlorobenzene	11.44	112	933111	20.20	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	349248	21.04	ug/l	99
67) Ethyl Benzene	11.51	91	1543707	20.22	ug/l	98
68) m/p-Xylenes	11.62	106	1214198	41.49	ug/l	96
69) o-Xylene	11.95	106	583914	20.84	ug/l	97
70) Styrene	11.97	104	963041	21.24	ug/l	97
71) Bromoform	12.13	173	250402	22.70	ug/l #	99
73) Isopropylbenzene	12.25	105	1512825	20.77	ug/l	98
74) N-amyl acetate	12.07	43	468456	23.55	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.51	83	400108	25.78	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	361674m	24.91	ug/l	
77) Bromobenzene	12.53	156	413501	20.88	ug/l	90
78) n-propylbenzene	12.59	91	1735131	20.79	ug/l	98
79) 2-Chlorotoluene	12.68	91	1075466	20.36	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	1290901	21.33	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	99190	22.97	ug/l	93
82) 4-Chlorotoluene	12.78	91	1097455	20.66	ug/l	98
83) tert-Butylbenzene	12.99	119	1070570	20.59	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1328888	21.37	ug/l	99
85) sec-Butylbenzene	13.17	105	1417275	20.58	ug/l	98
86) p-Isopropyltoluene	13.29	119	1251434	20.97	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	706404	20.73	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	697169	20.91	ug/l	100
89) n-Butylbenzene	13.62	91	984799	19.28	ug/l	97
90) Hexachloroethane	13.88	117	120969	19.30	ug/l	90
91) 1,2-Dichlorobenzene	13.65	146	720246	21.73	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	64167	24.74	ug/l	83

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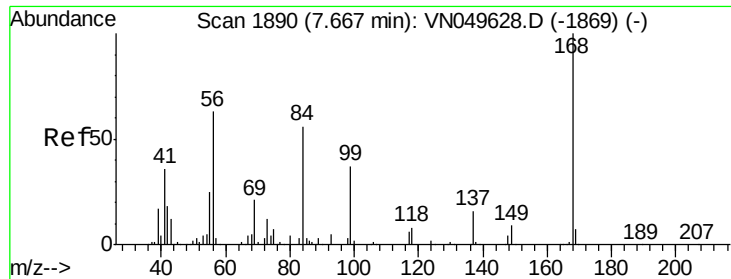
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	317443	20.34	ug/l	98
94) Hexachlorobutadiene	15.01	225	214768	20.81	ug/l	98
95) Naphthalene	15.14	128	705048	22.11	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	323673	21.21	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049637.D

Acq: 29 Jun 2018 17:49

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBS02

Tot Ion:168 Resp: 1278200

Ion Ratio Lower Upper

168 100

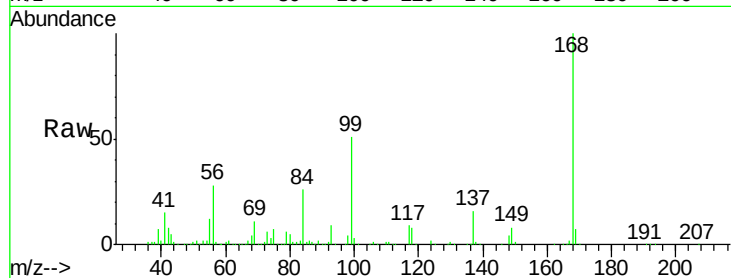
99 50.8 45.8 68.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

600000

500000

400000

300000

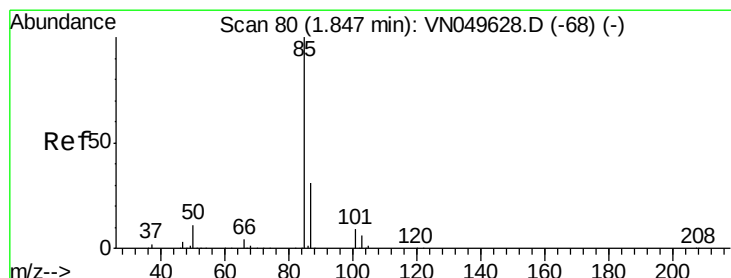
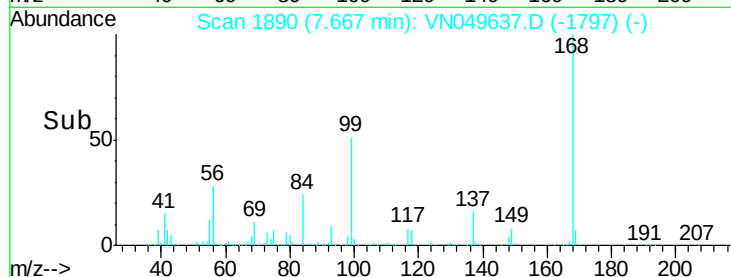
200000

100000

0

7.50 7.60 7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 21.13 ug/l

RT: 1.85 min Scan# 80

Delta R.T. -0.00 min

Lab File: VN049637.D

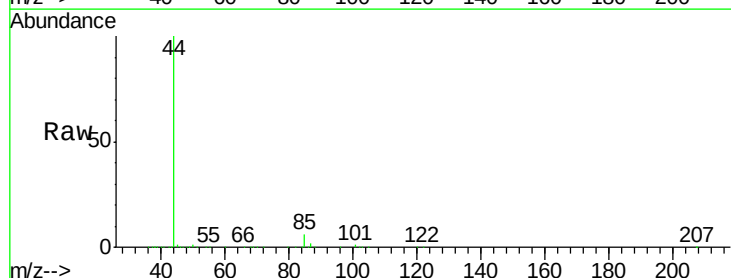
Acq: 29 Jun 2018 17:49

Tgt Ion: 85 Resp: 304370

Ion Ratio Lower Upper

85 100

87 30.1 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.85

250000

200000

150000

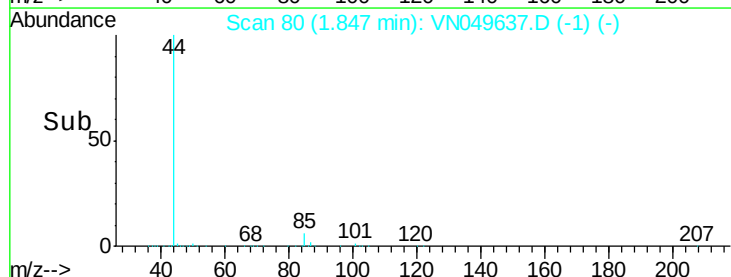
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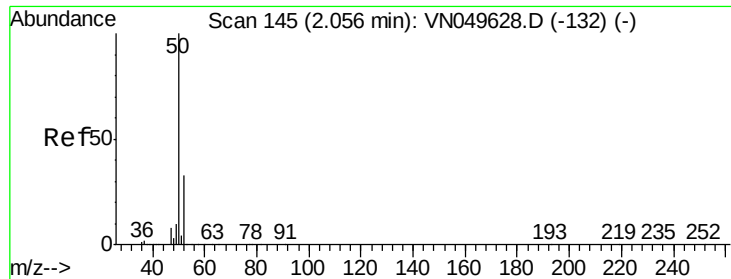
50000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 20.50 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049637.D

Acq: 29 Jun 2018 17:49

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBS02

Tot Ion: 50 Resp: 368749

Ion Ratio Lower Upper

50 100

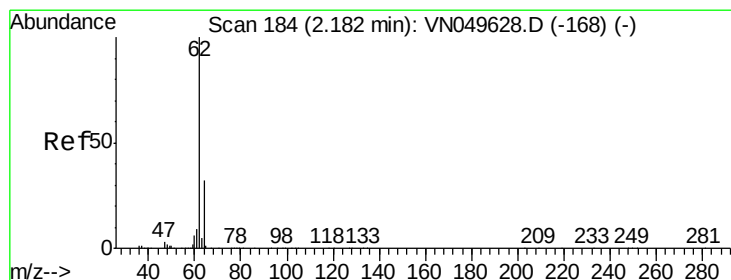
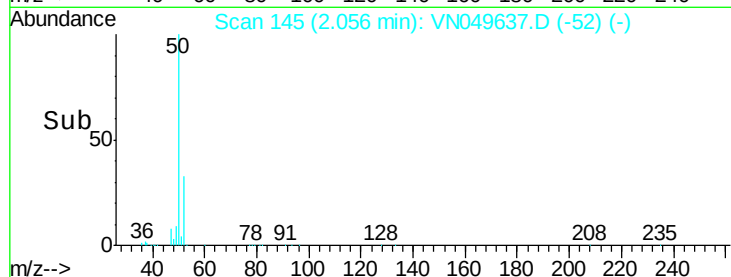
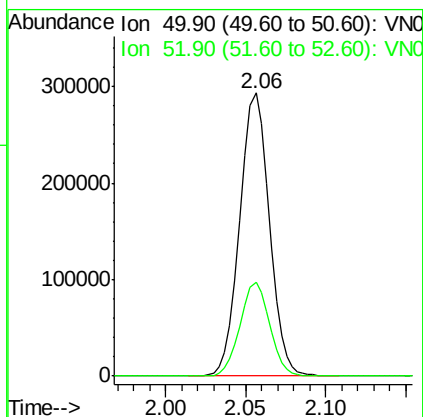
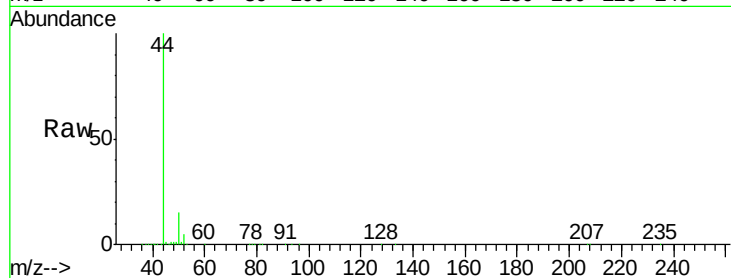
52 33.0 25.2 37.8

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#4

Vinyl Chloride

Concen: 20.12 ug/l

RT: 2.18 min Scan# 183

Delta R.T. -0.01 min

Lab File: VN049637.D

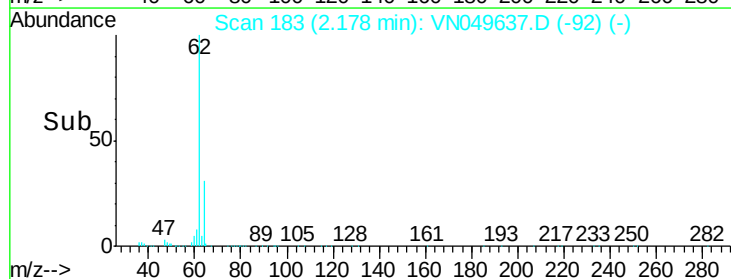
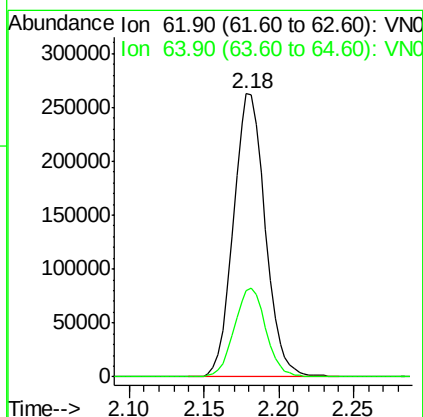
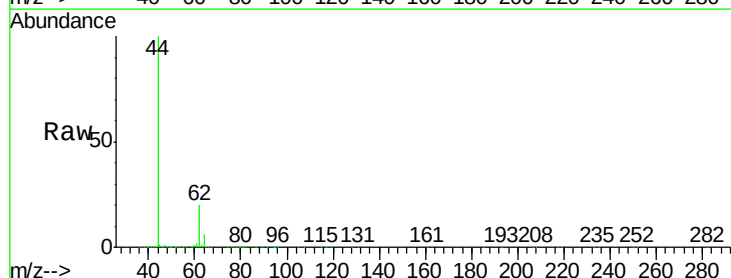
Acq: 29 Jun 2018 17:49

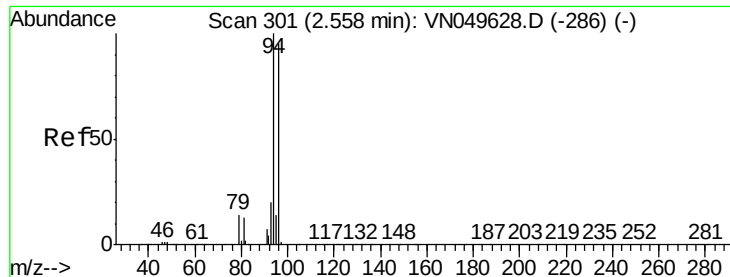
Tgt Ion: 62 Resp: 388705

Ion Ratio Lower Upper

62 100

64 30.5 25.7 38.5





#5

Bromomethane

Concen: 20.64 ug/l

RT: 2.56 min Scan# 303

Delta R.T. 0.00 min

Lab File: VN049637.D

Acq: 29 Jun 2018 17:49

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBS02

Tot Ion: 94 Resp: 209486

Ion Ratio Lower Upper

94 100

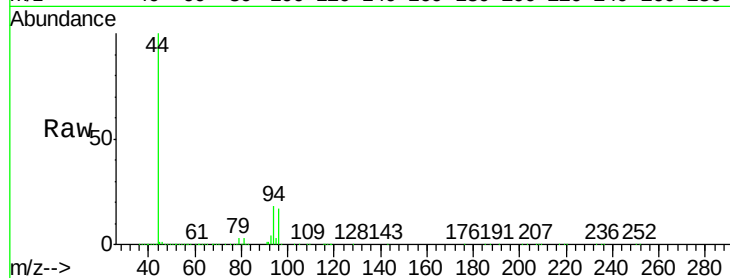
96 93.0 72.8 109.2

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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

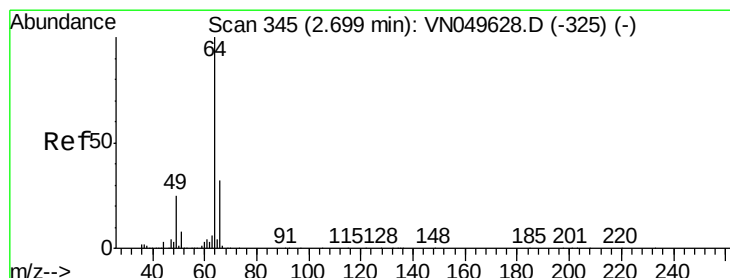
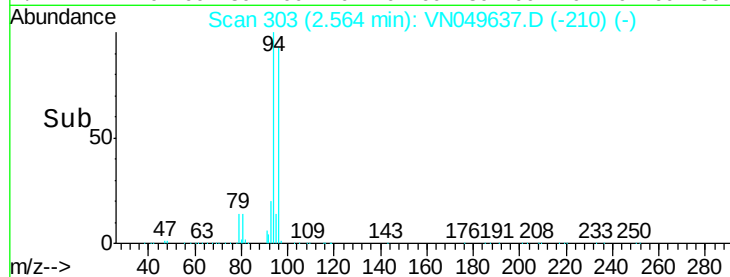
2.56

2.50

2.60

2.70

Time-->



#6

Chloroethane

Concen: 20.18 ug/l

RT: 2.70 min Scan# 345

Delta R.T. -0.00 min

Lab File: VN049637.D

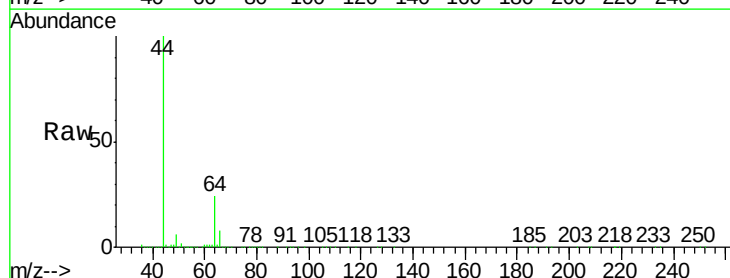
Acq: 29 Jun 2018 17:49

Tgt Ion: 64 Resp: 246796

Ion Ratio Lower Upper

64 100

66 32.6 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

150000

100000

50000

0

2.70

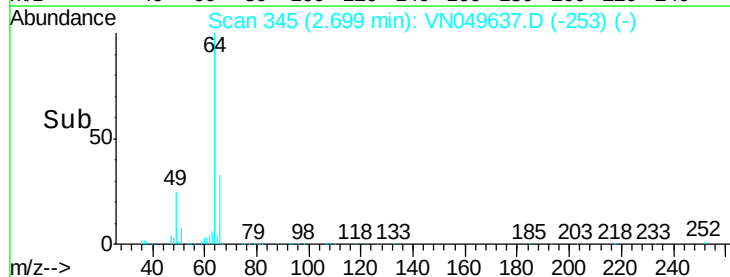
2.60

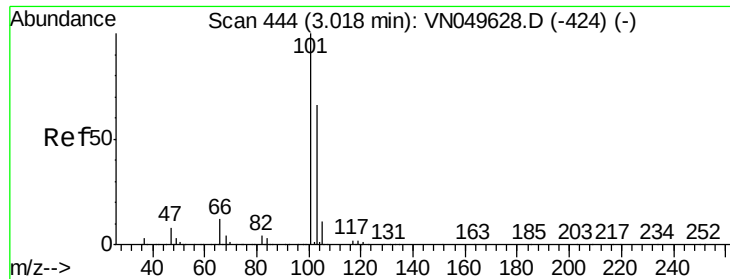
2.65

2.75

2.80

Time-->





#7

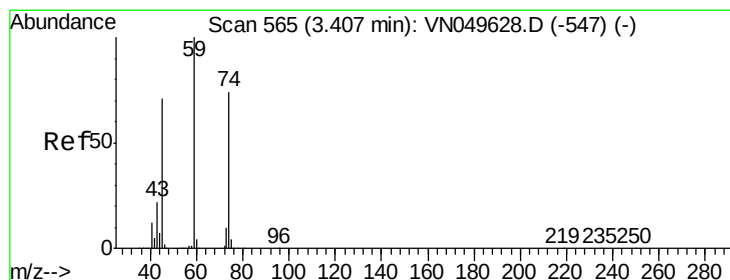
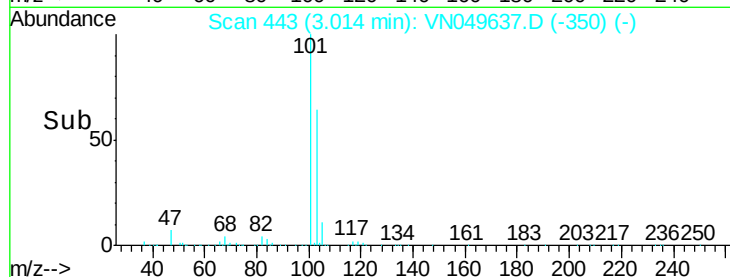
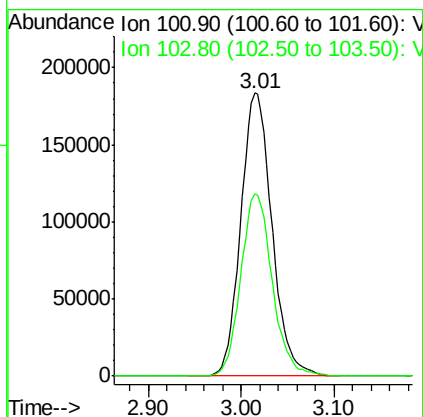
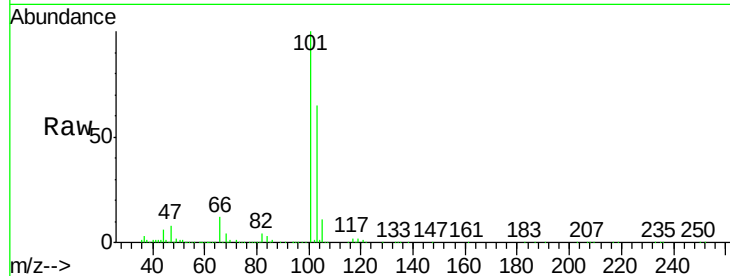
Trichlorofluoromethane
Concen: 19.41 ug/l
RT: 3.01 min Scan# 443
Delta R.T. 0.00 min
Lab File: VN049637.D
Acq: 29 Jun 2018 17:49

Instrument :
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ClientSampleId :
VN0629WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	51.7	77.5

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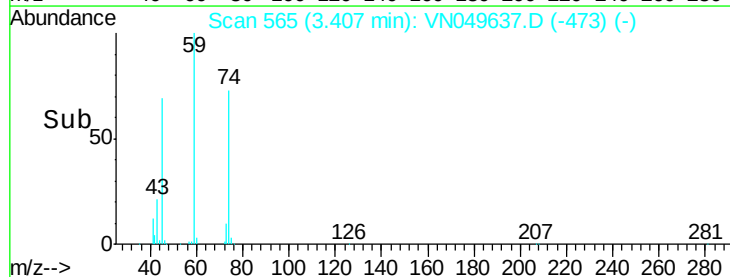
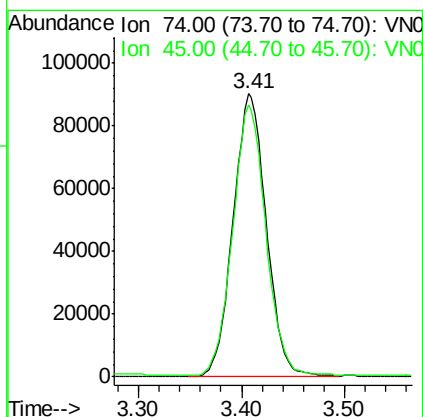
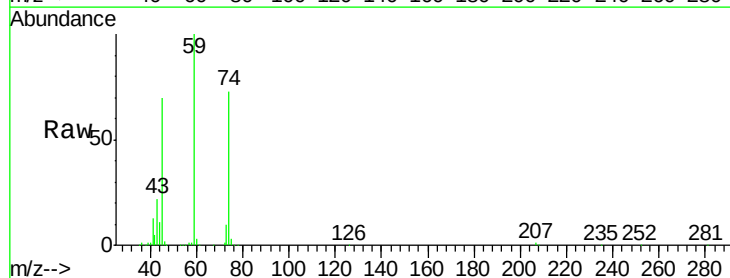
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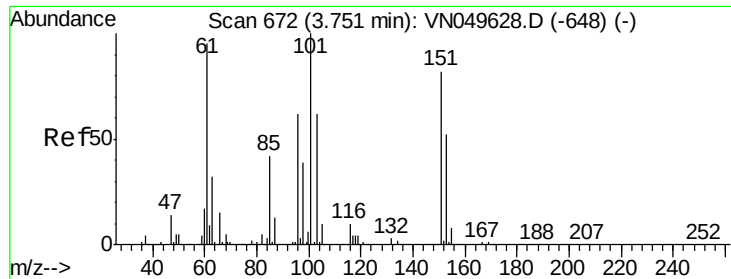


#8

Diethyl Ether
Concen: 22.62 ug/l
RT: 3.41 min Scan# 565
Delta R.T. -0.00 min
Lab File: VN049637.D
Acq: 29 Jun 2018 17:49

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.3	51.9	155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.85 ug/l

RT: 3.75 min Scan# 672

Delta R.T. -0.00 min

Lab File: VN049637.D

Acq: 29 Jun 2018 17:49

Instrument :

MSVOA_N

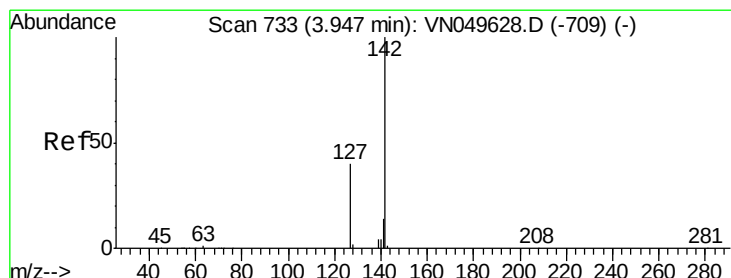
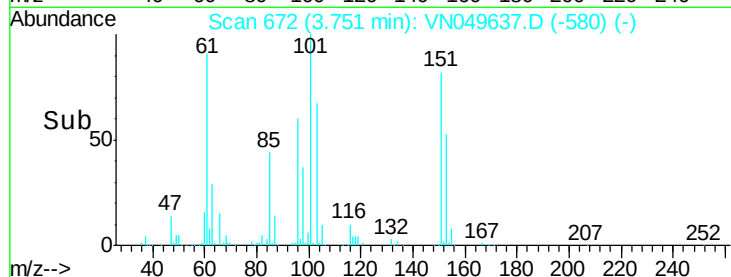
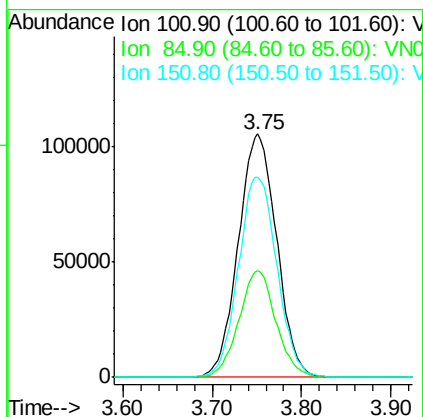
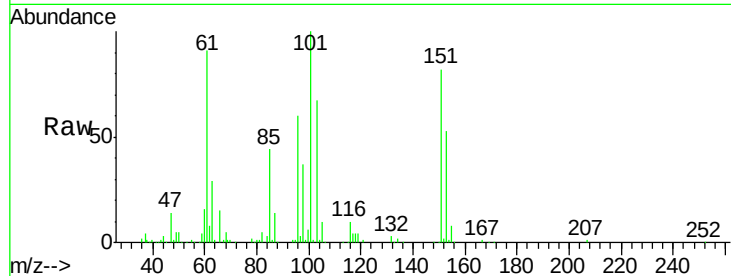
ClientSampled :

VN0629WBS02

Tot Ion:	101	Resp:	315162
Ion Ratio	Lower	Upper	
101	100		
85	42.3	37.6	56.4
151	82.9	61.1	91.7

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#10

Methyl Iodide

Concen: 22.49 ug/l

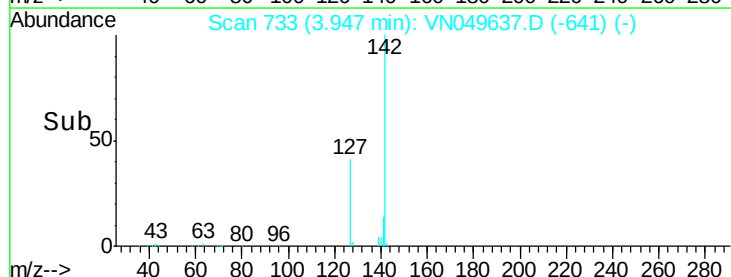
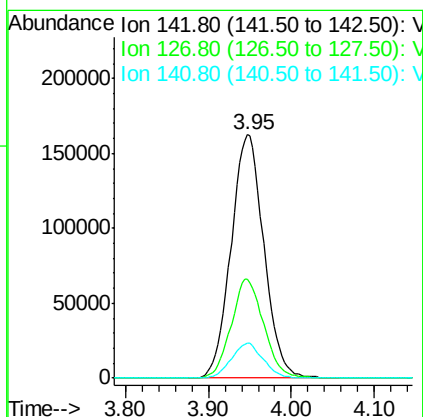
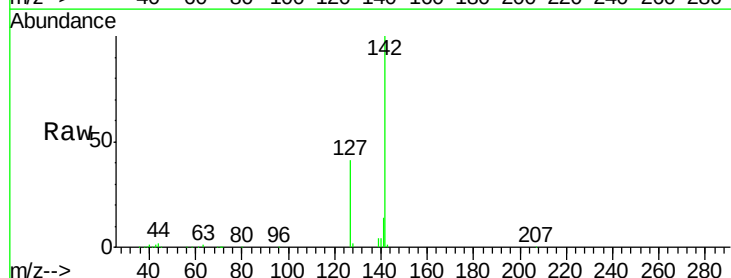
RT: 3.95 min Scan# 733

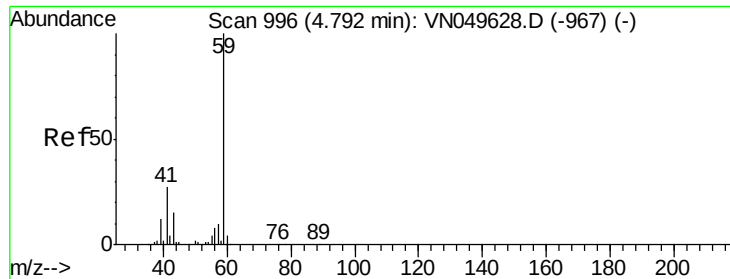
Delta R.T. -0.00 min

Lab File: VN049637.D

Acq: 29 Jun 2018 17:49

Tgt Ion:	142	Resp:	446929
Ion Ratio	Lower	Upper	
142	100		
127	40.4	38.2	57.4
141	14.0	11.9	17.9





#11

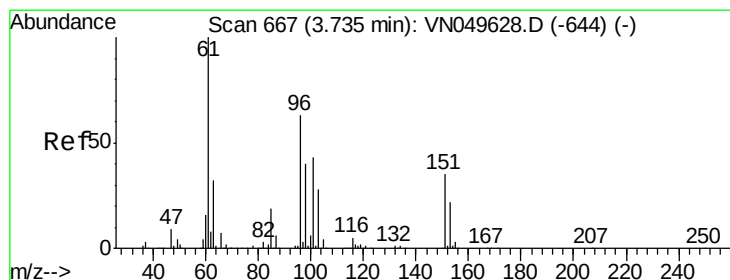
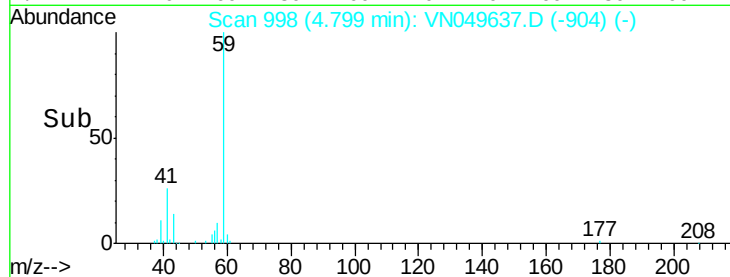
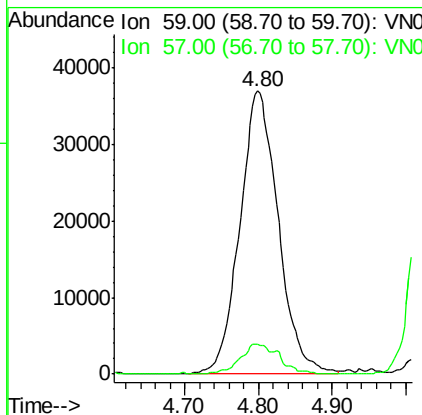
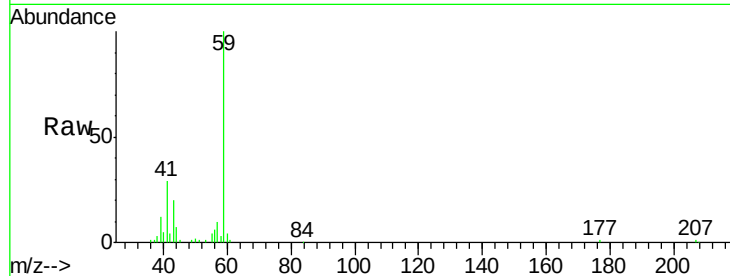
Tert butyl alcohol
 Concen: 138.51 ug/l
 RT: 4.80 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: VN049637.D
 Acq: 29 Jun 2018 17:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS02

Tot Ion	59	Resp	134165
Ion Ratio	100	Lower	Upper
57	7.9	9.0	13.6#

Manual Integrations
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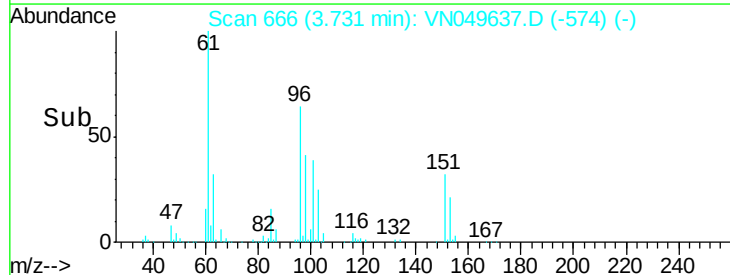
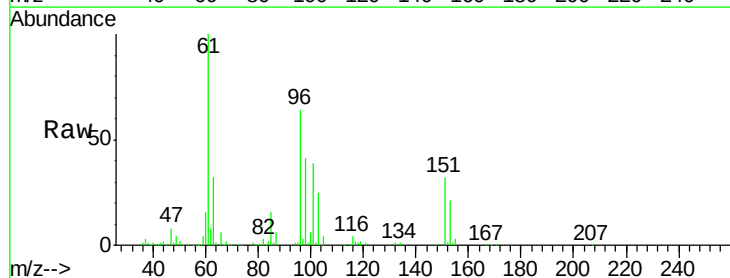
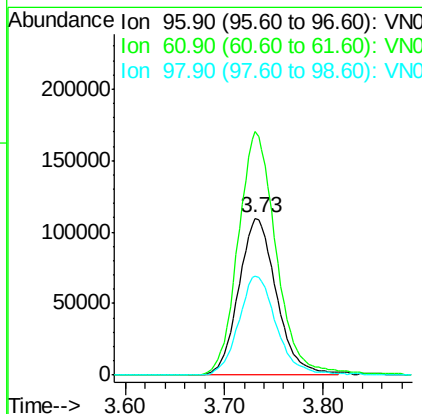
apatel
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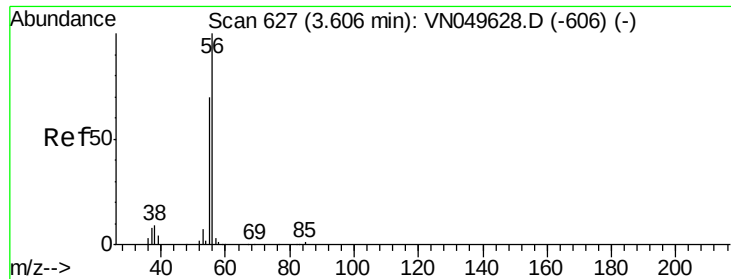


#12

1,1-Dichloroethene
 Concen: 19.38 ug/l
 RT: 3.73 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: VN049637.D
 Acq: 29 Jun 2018 17:49

Tgt Ion	96	Resp	290948
Ion Ratio	100	Lower	Upper
61	155.2	141.0	211.4
98	63.4	50.4	75.6





#13

Acrolein

Concen: 115.32 ug/l

RT: 3.61 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN049637.D

Acq: 29 Jun 2018 17:49

Instrument :

MSVOA_N

ClientSampled :

VN0629WBS02

Tot Ion: 56 Resp: 104343

Ion Ratio Lower Upper

56 100

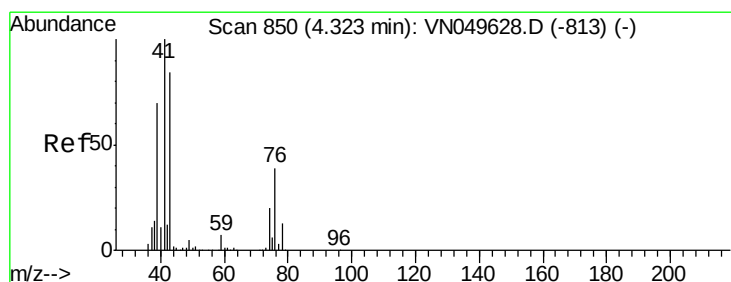
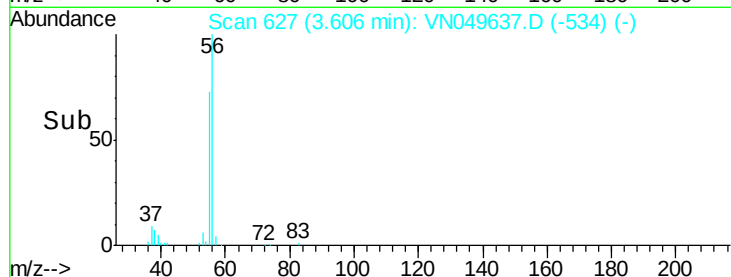
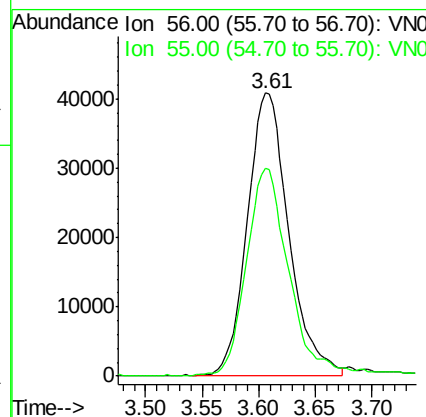
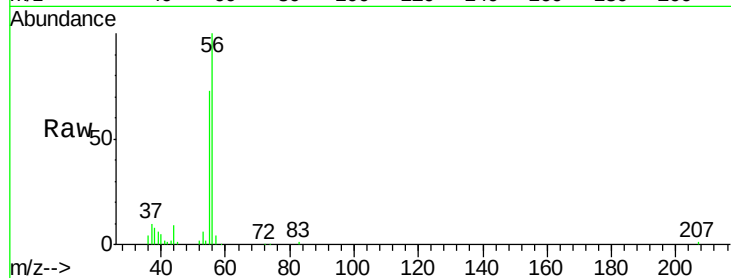
55 74.9 57.1 85.7

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#14

Allyl chloride

Concen: 20.70 ug/l

RT: 4.32 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN049637.D

Acq: 29 Jun 2018 17:49

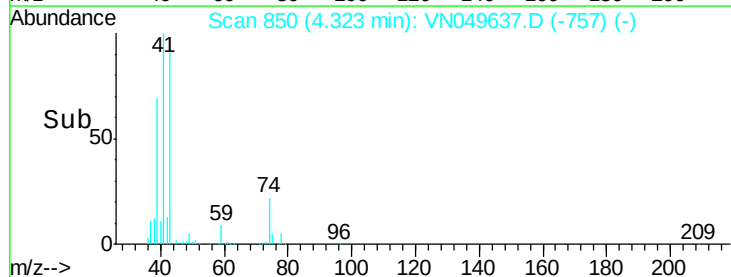
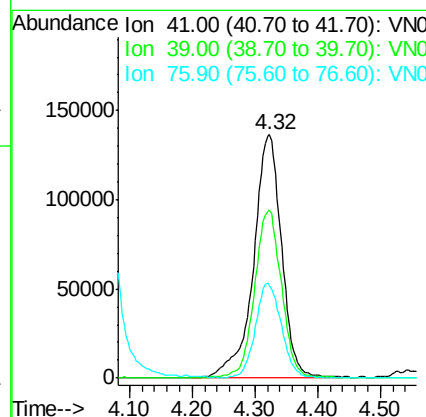
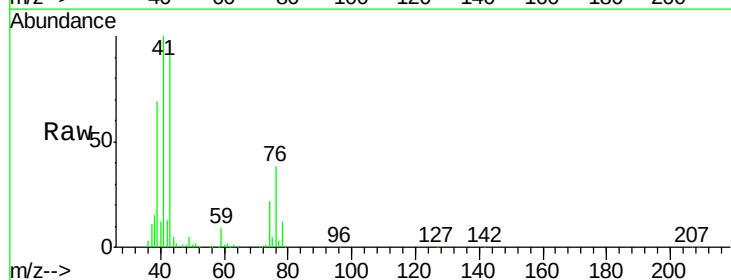
Tgt Ion: 41 Resp: 426812

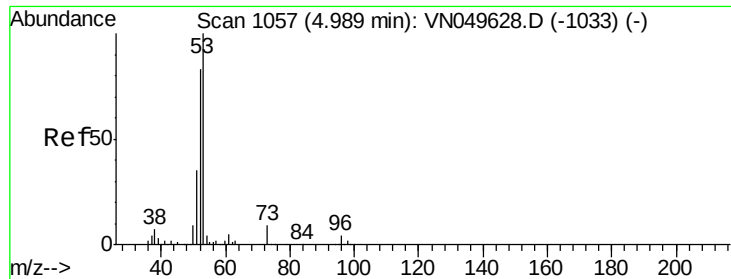
Ion Ratio Lower Upper

41 100

39 65.8 62.5 93.7

76 35.0 27.1 40.7





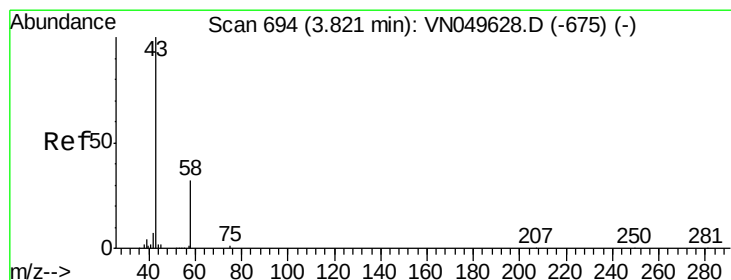
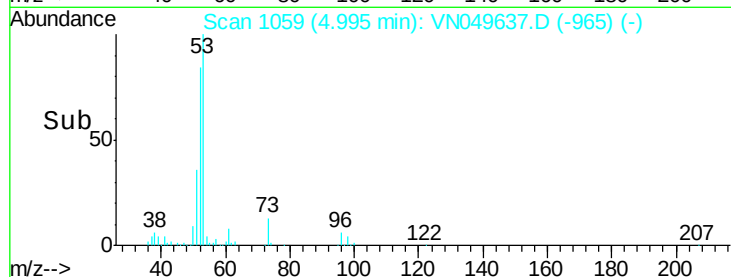
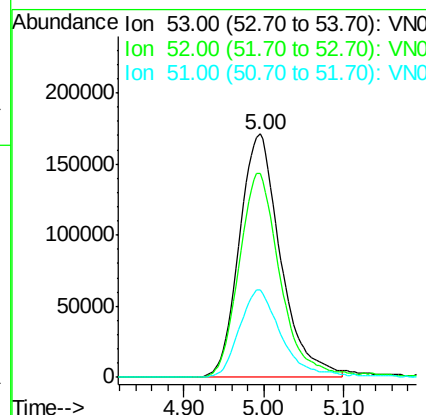
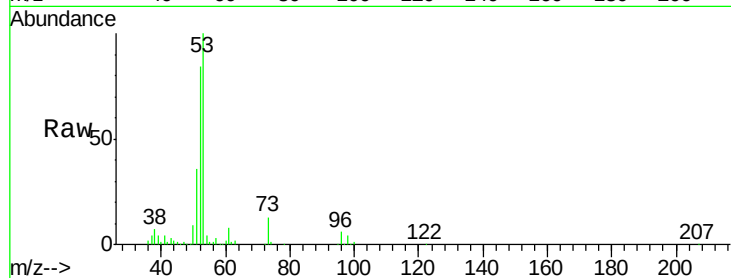
#15
 Acrylonitrile
 Concen: 119.87 ug/l
 RT: 5.00 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: VN049637.D
 Acq: 29 Jun 2018 17:49

Instrument :
 MSVOA_N
 ClientSampled :
 VN0629WBS02

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.6	100.0
51	36.5	29.8	44.8

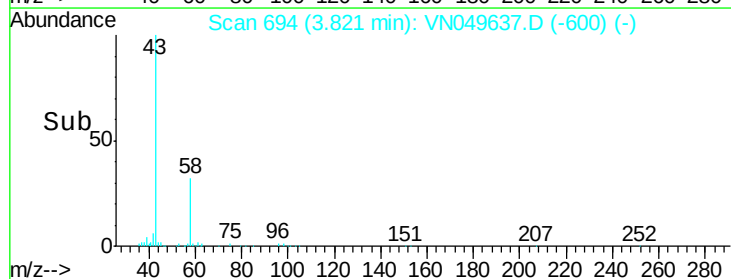
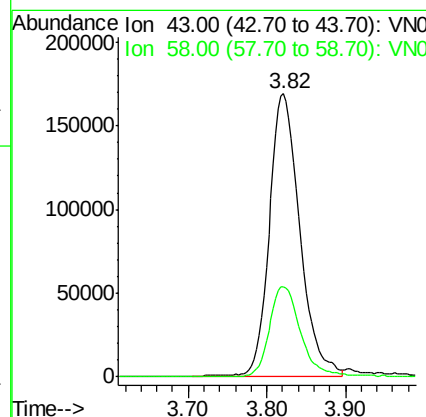
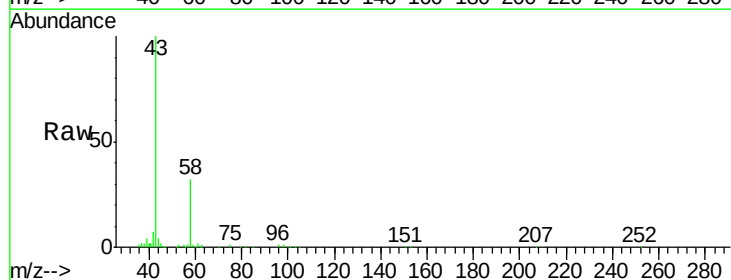
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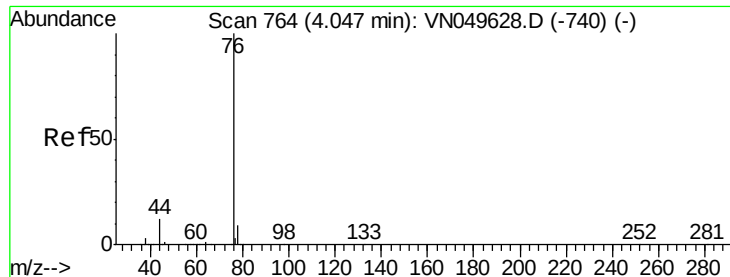
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#16
 Acetone
 Concen: 128.37 ug/l
 RT: 3.82 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: VN049637.D
 Acq: 29 Jun 2018 17:49

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.6	22.4	33.6





#17

Carbon Disulfide

Concen: 19.62 ug/l

RT: 4.05 min Scan# 764

Delta R.T. -0.00 min

Lab File: VN049637.D

Acq: 29 Jun 2018 17:49

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBS02

Tot Ion: 76 Resp: 819630

Ion Ratio Lower Upper

76 100

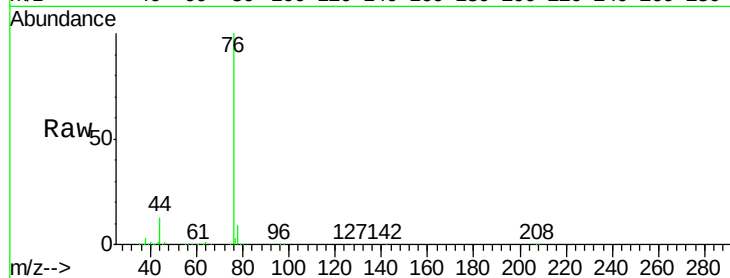
78 9.2 7.4 11.0

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.05

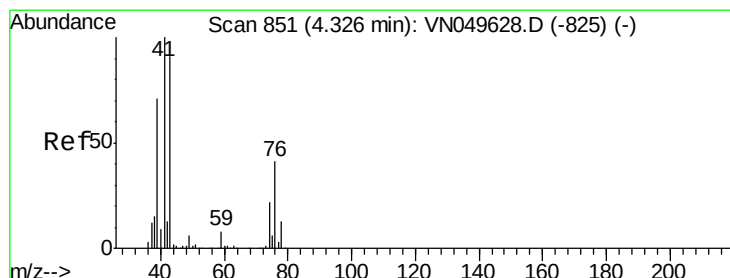
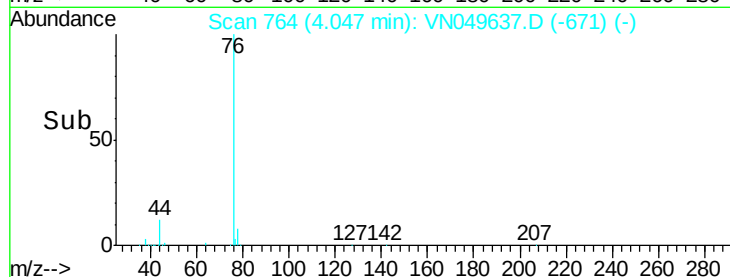
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 22.94 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049637.D

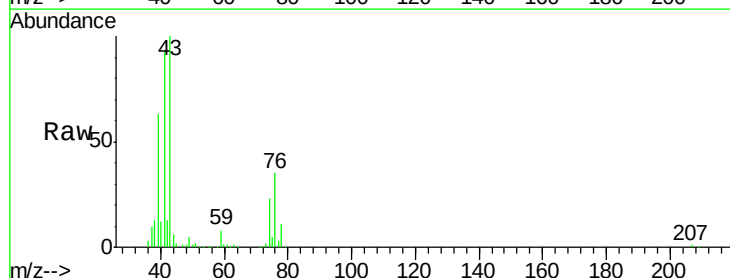
Acq: 29 Jun 2018 17:49

Tgt Ion: 43 Resp: 391913

Ion Ratio Lower Upper

43 100

74 24.3 17.4 26.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.33

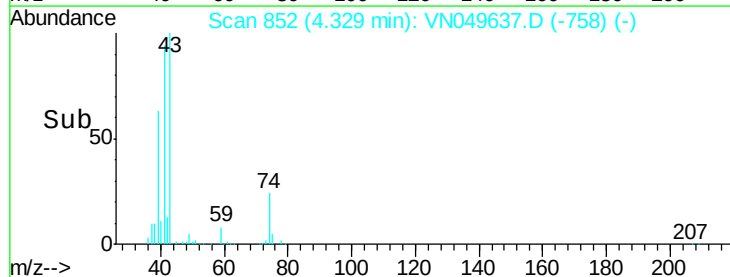
150000

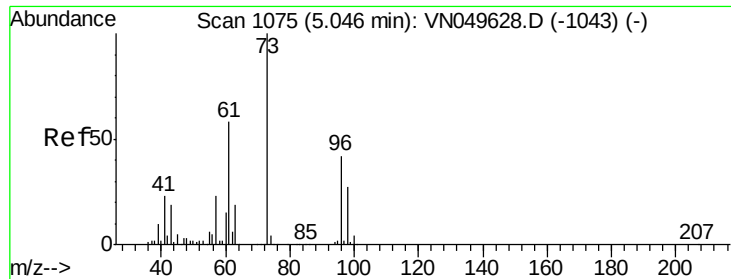
100000

50000

0

Time-->





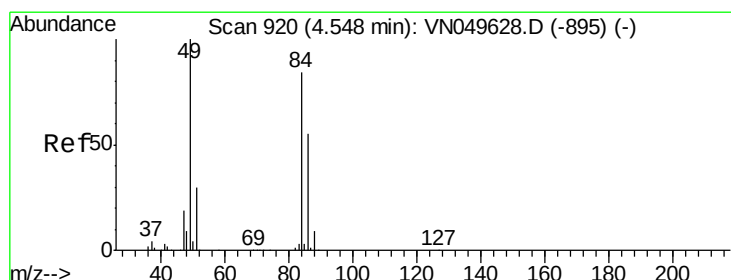
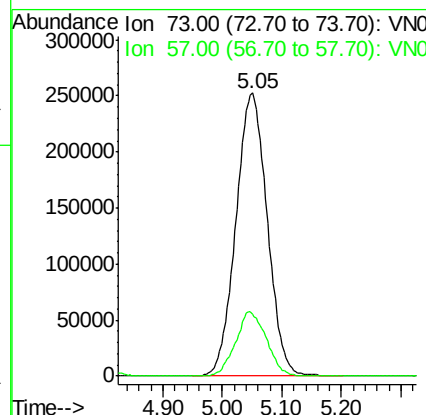
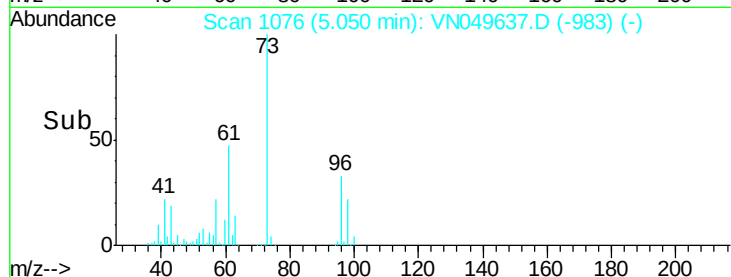
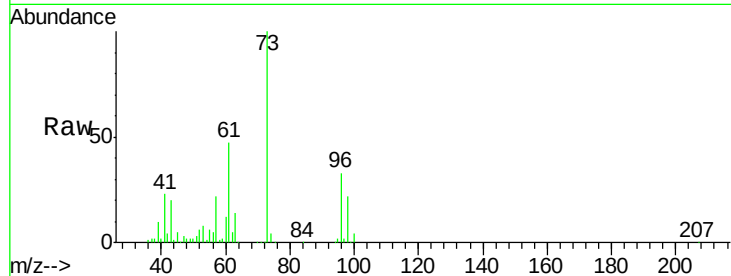
#19
Methvl tert-butvl Ether
Concen: 23.93 ug/l
RT: 5.05 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VN049637.D
Acq: 29 Jun 2018 17:49

Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS02

Tot Ion: 73 Resp: 926322
Ion Ratio Lower Upper
73 100
57 22.0 18.2 27.4

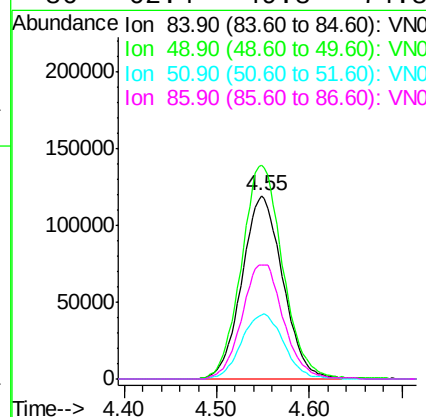
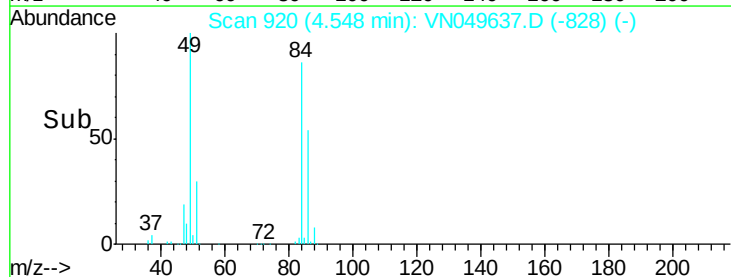
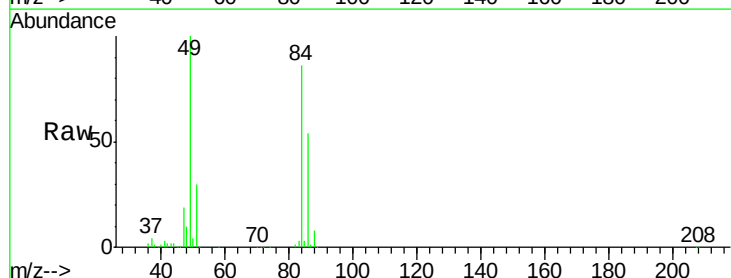
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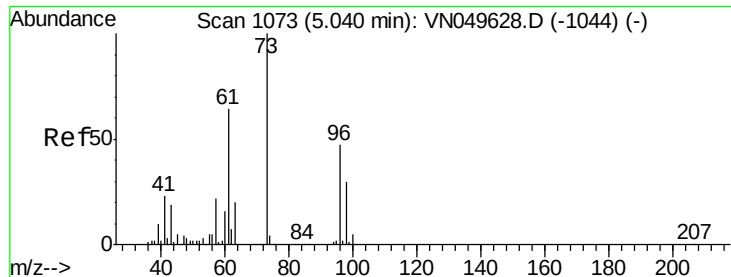
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#20
Methylene Chloride
Concen: 21.01 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049637.D
Acq: 29 Jun 2018 17:49

Tgt Ion: 84 Resp: 365223
Ion Ratio Lower Upper
84 100
49 116.5 106.9 160.3
51 35.3 32.7 49.1
86 62.4 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 20.19 ug/l

RT: 5.04 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VN049637.D

Acq: 29 Jun 2018 17:49

Instrument :

MSVOA_N

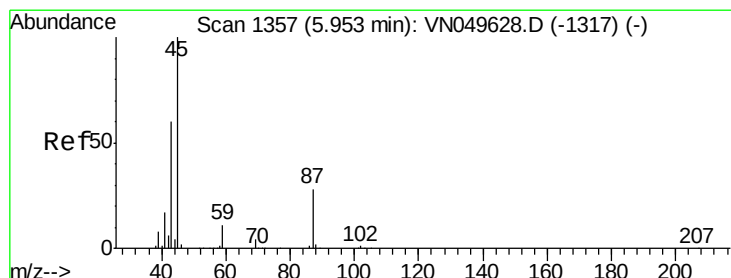
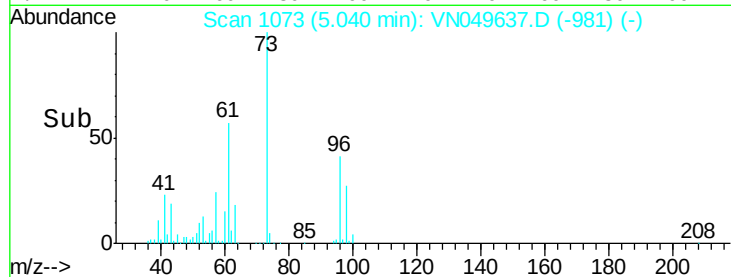
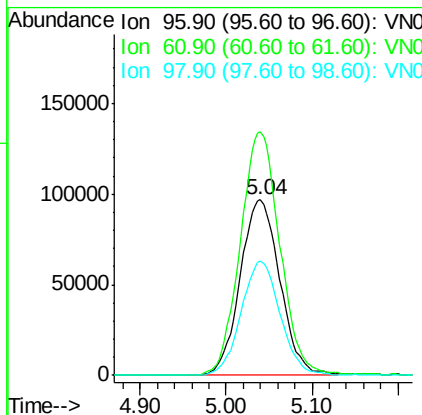
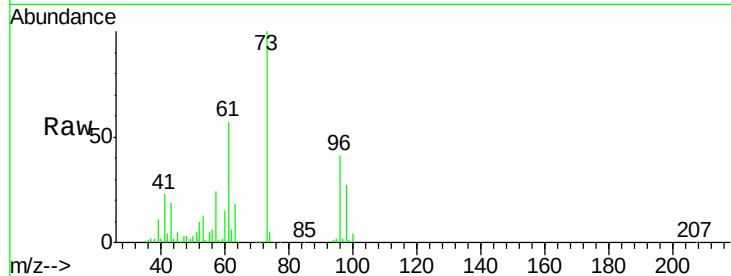
ClientSampled :

VN0629WBS02

Tot Ion:	96	Resp:	311927
Ion	Ratio	Lower	Upper
96	100		
61	138.8	121.3	181.9
98	65.3	52.0	78.0

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#22

Diisopropyl ether

Concen: 22.74 ug/l

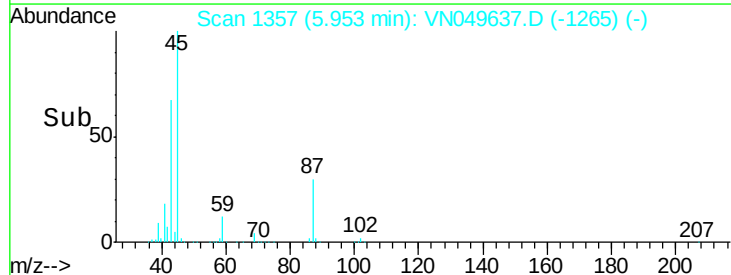
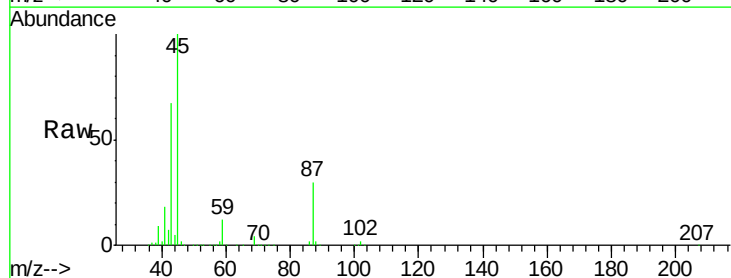
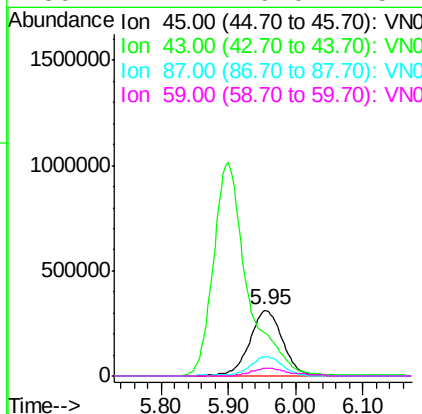
RT: 5.95 min Scan# 1357

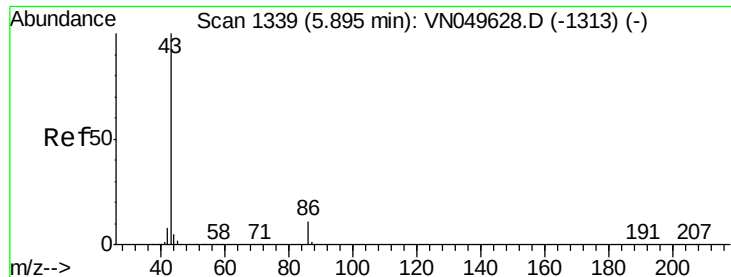
Delta R.T. -0.00 min

Lab File: VN049637.D

Acq: 29 Jun 2018 17:49

Tgt Ion:	45	Resp:	1060852
Ion	Ratio	Lower	Upper
45	100		
43	65.0	48.6	72.8
87	29.4	20.2	30.2
59	12.1	9.0	13.4





#23

Vinyl Acetate

Concen: 118.43 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VN049637.D

Acq: 29 Jun 2018 17:49

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBS02

Tot Ion: 43 Resp: 3583002

Ion Ratio Lower Upper

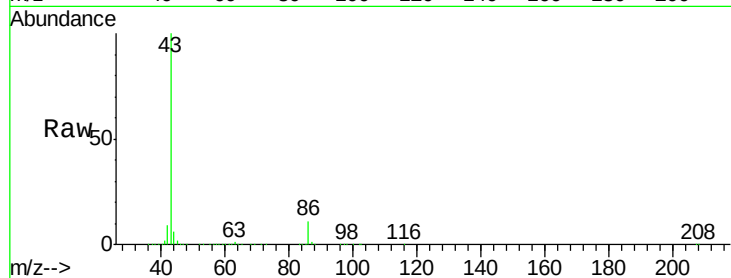
43 100

86 10.6 7.2 10.8

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

1200000

1000000

800000

600000

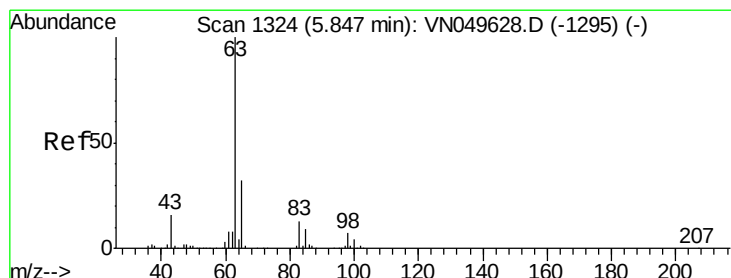
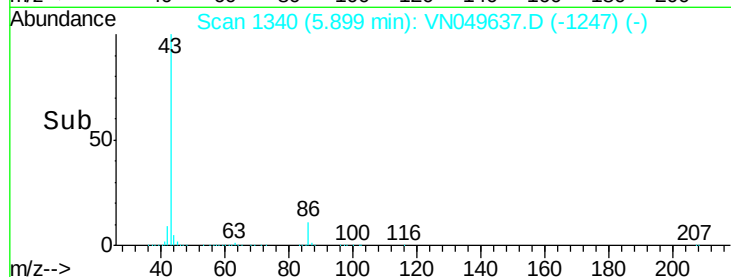
400000

200000

0

5.80 5.90 6.00 6.20

Time-->



#24

1,1-Dichloroethane

Concen: 21.07 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VN049637.D

Acq: 29 Jun 2018 17:49

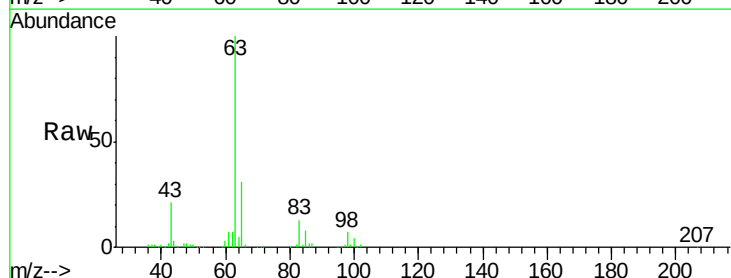
Tgt Ion: 63 Resp: 619249

Ion Ratio Lower Upper

63 100

98 6.6 2.9 8.8

100 4.1 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

250000

200000

150000

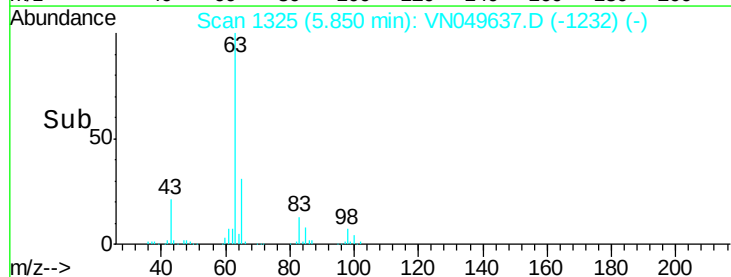
100000

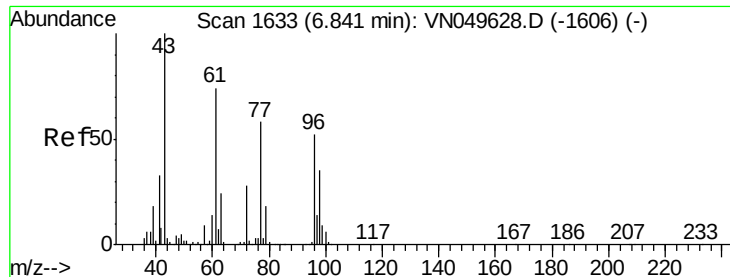
50000

0

5.70 5.80 5.90

Time-->





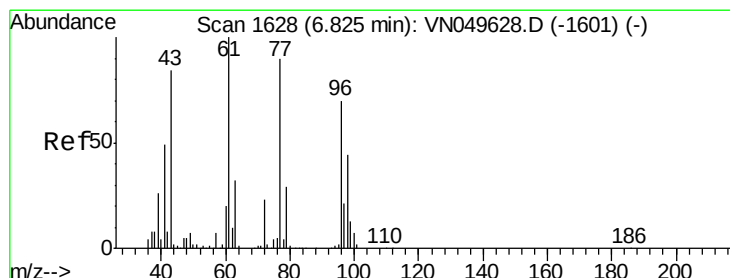
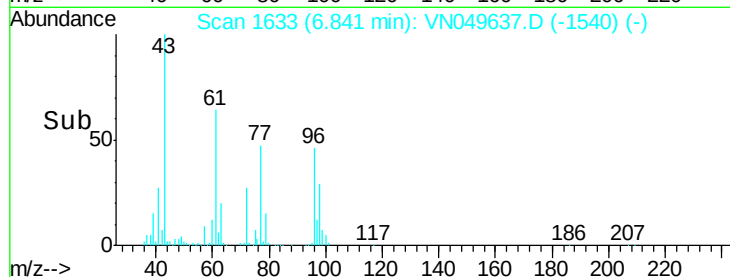
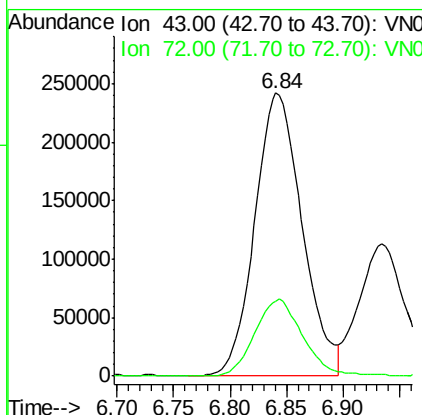
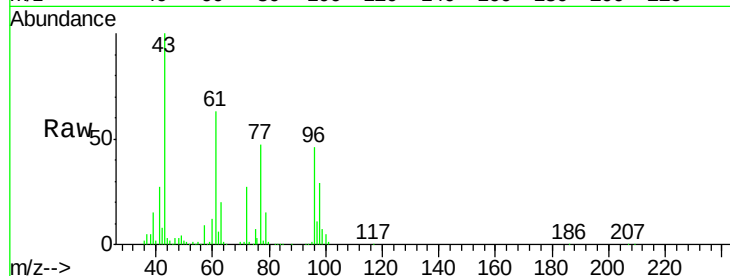
#25
2-Butanone
Concen: 124.85 ug/l
RT: 6.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VN049637.D
Acq: 29 Jun 2018 17:49

Instrument :
MSVOA_N
ClientSampled :
VN0629WBS02

Tot Ion: 43 Resp: 699649
Ion Ratio Lower Upper
43 100
72 26.7 20.2 30.2

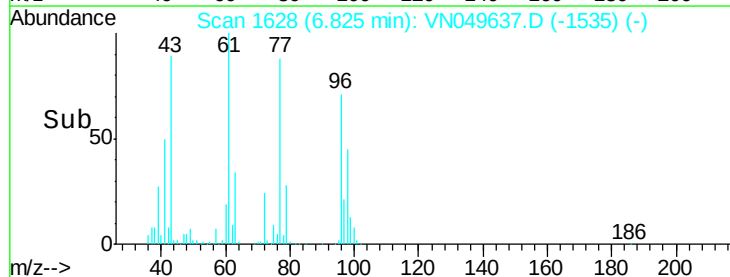
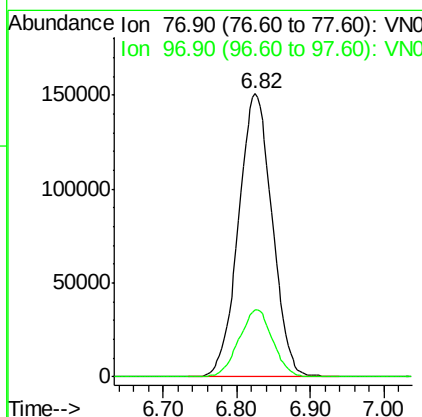
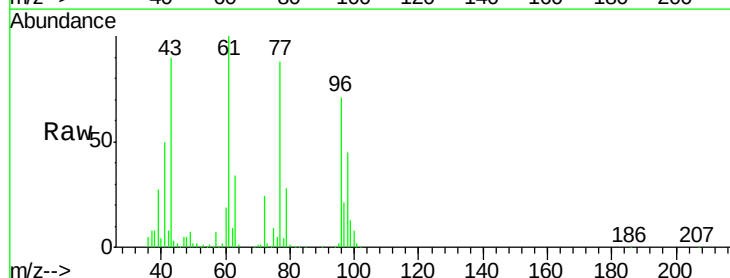
Manual Integrations
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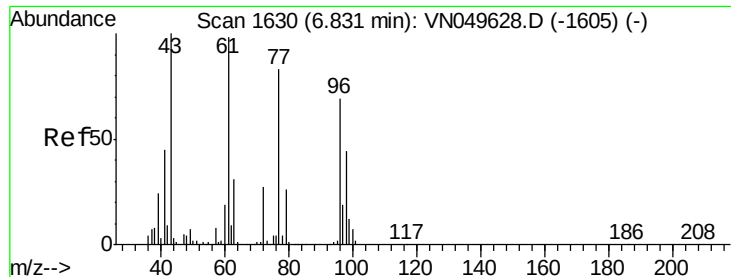
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#26
2,2-Dichloropropane
Concen: 19.66 ug/l
RT: 6.82 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VN049637.D
Acq: 29 Jun 2018 17:49

Tgt Ion: 77 Resp: 479820
Ion Ratio Lower Upper
77 100
97 23.8 11.0 33.0





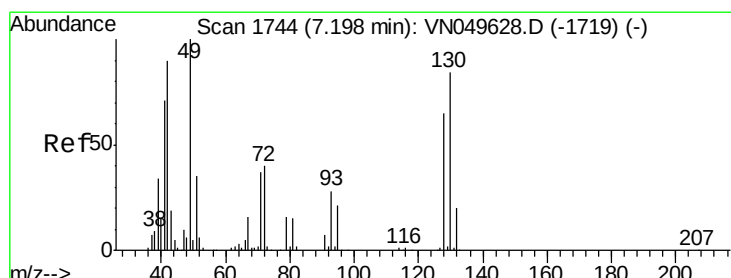
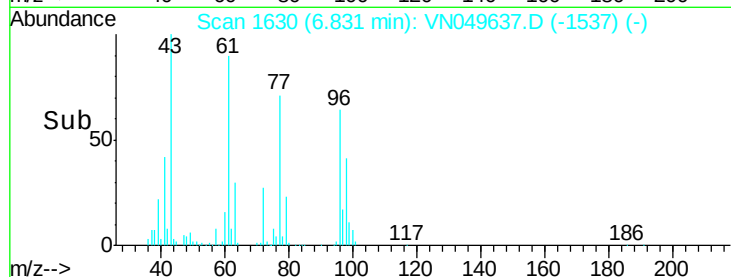
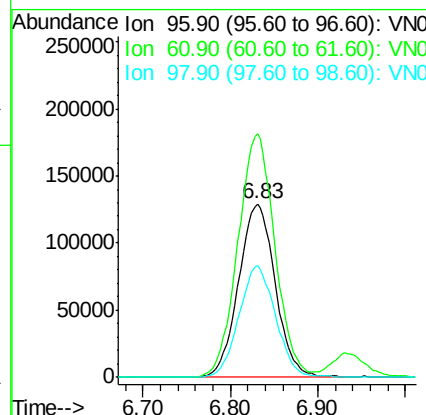
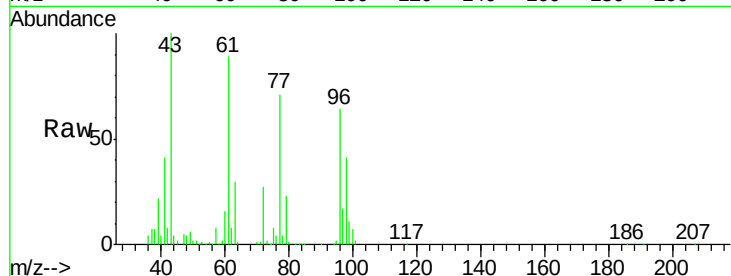
#27
 cis-1,2-Dichloroethene
 Concen: 21.76 ug/l
 RT: 6.83 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: VN049637.D
 Acq: 29 Jun 2018 17:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	141.5	0.0	316.4	
98	63.9	0.0	128.4	

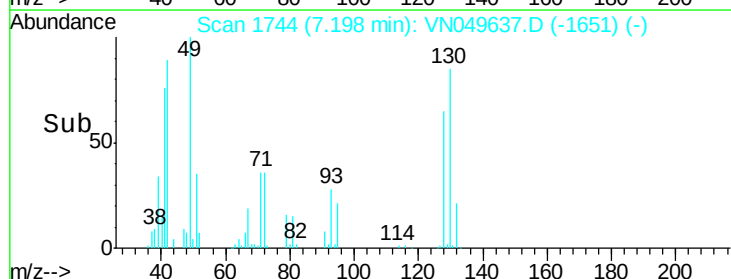
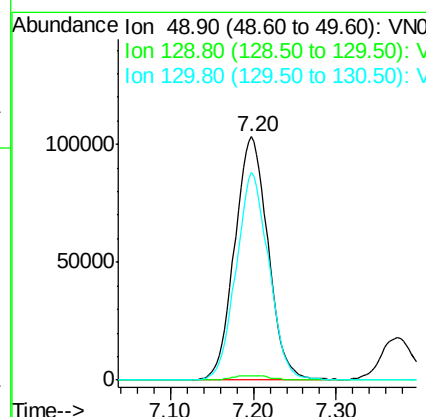
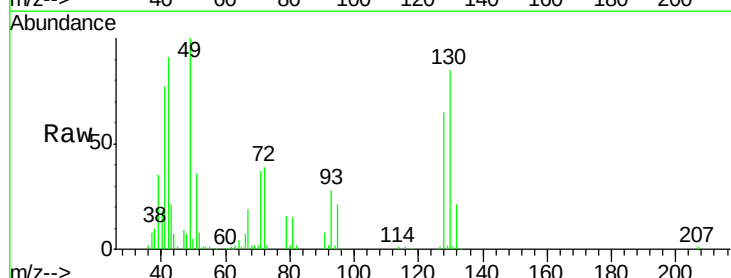
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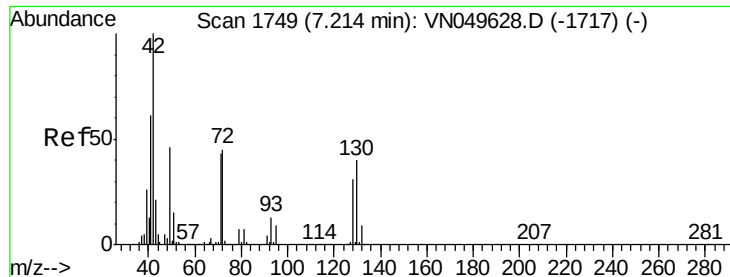
apatel
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#28
 Bromochloromethane
 Concen: 23.20 ug/l
 RT: 7.20 min Scan# 1744
 Delta R.T. 0.00 min
 Lab File: VN049637.D
 Acq: 29 Jun 2018 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.0	0.0	3.8	
130	83.6	54.9	82.3#	





#29

Tetrahydrofuran

Concen: 128.46 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VN049637.D

Acq: 29 Jun 2018 17:49

Instrument :

MSVOA_N

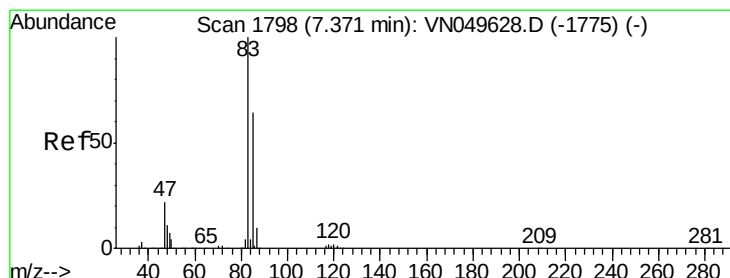
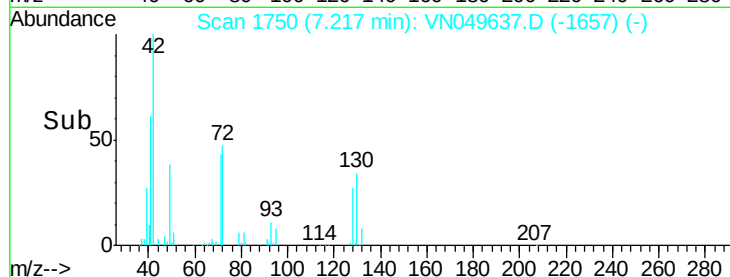
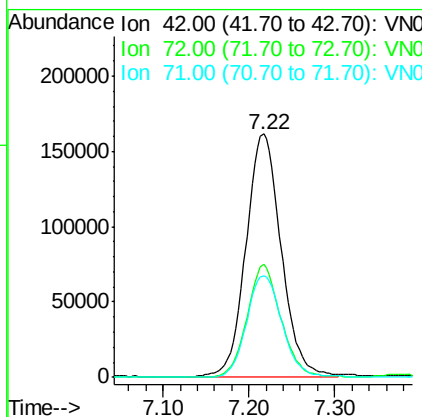
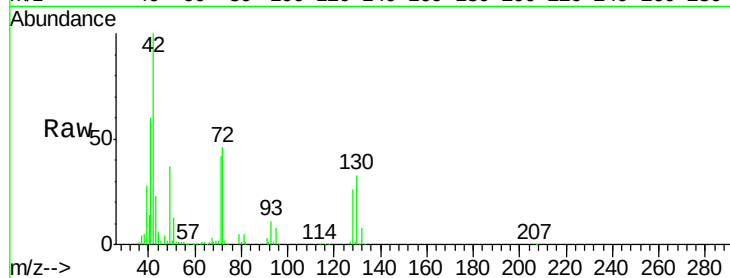
ClientSampled :

VN0629WBS02

Tot Ion:	42	Resp:	458821
Ion Ratio		Lower	Upper
42	100		
72	44.8	32.2	48.4
71	42.1	30.5	45.7

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#30

Chloroform

Concen: 21.31 ug/l

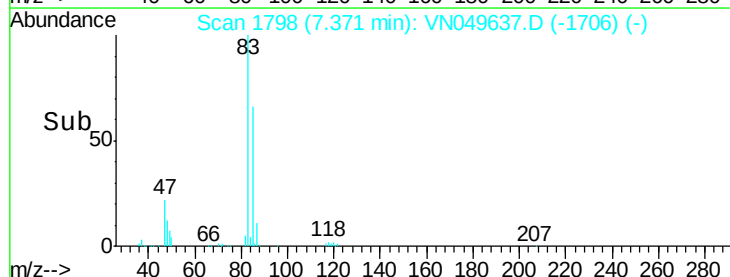
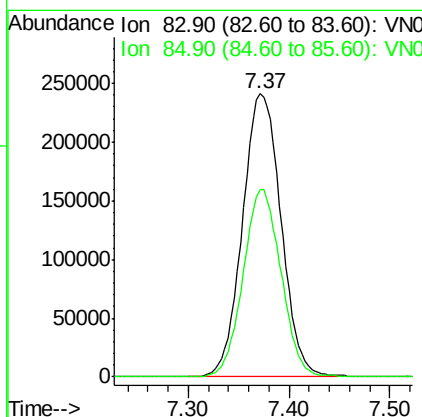
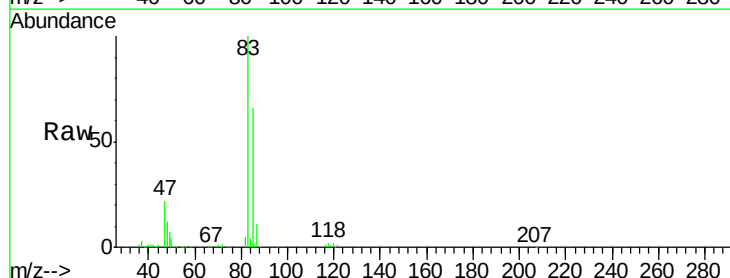
RT: 7.37 min Scan# 1798

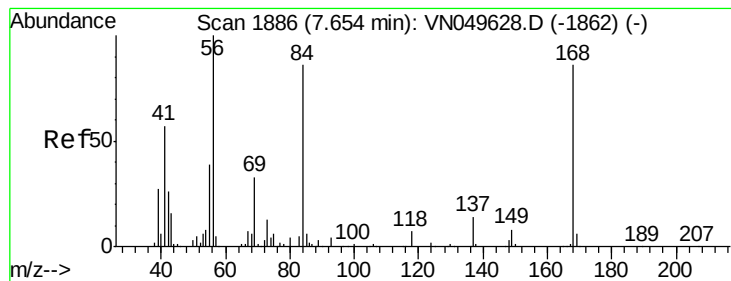
Delta R.T. -0.00 min

Lab File: VN049637.D

Acq: 29 Jun 2018 17:49

Tgt Ion:	83	Resp:	638452
Ion Ratio		Lower	Upper
83	100		
85	66.2	51.7	77.5





#31

Cyclohexane

Concen: 19.98 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VN049637.D

Acq: 29 Jun 2018 17:49

Instrument :

MSVOA_N

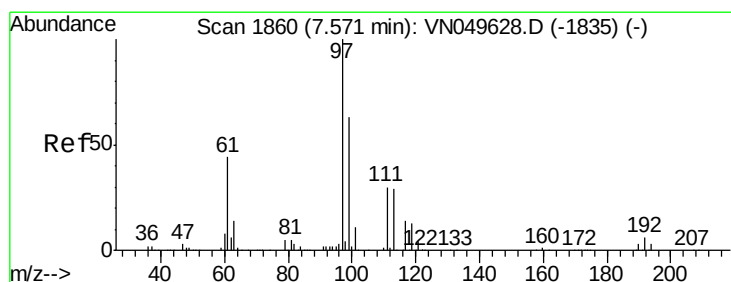
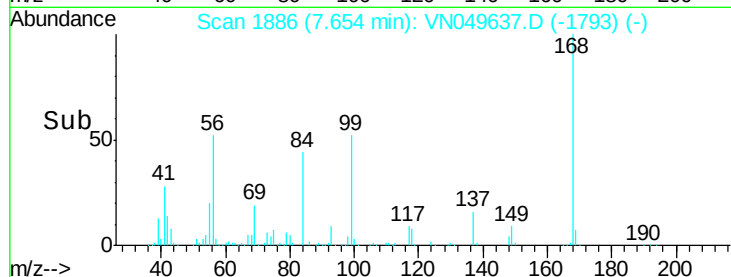
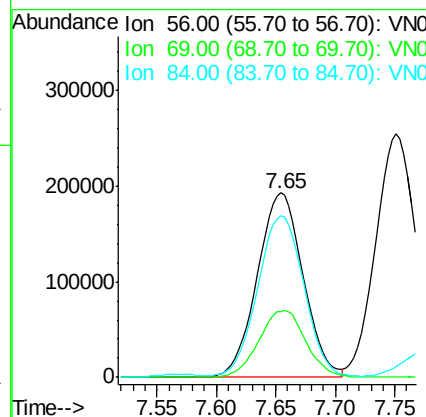
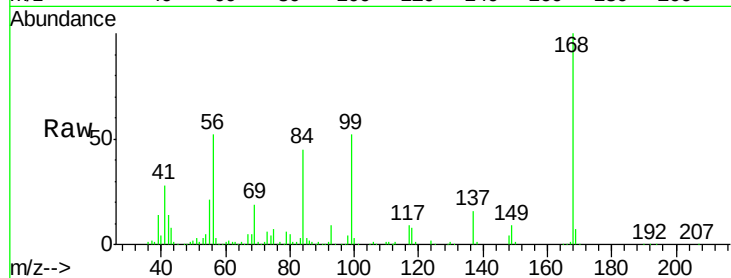
ClientSampled :

VN0629WBS02

Tot Ion:	56	Resp:	514602
Ion Ratio	Lower	Upper	
56	100		
69	35.9	25.0	37.4
84	86.0	64.6	96.8

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#32

1,1,1-Trichloroethane

Concen: 20.41 ug/l

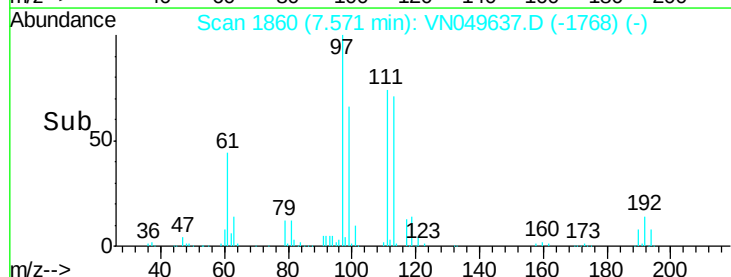
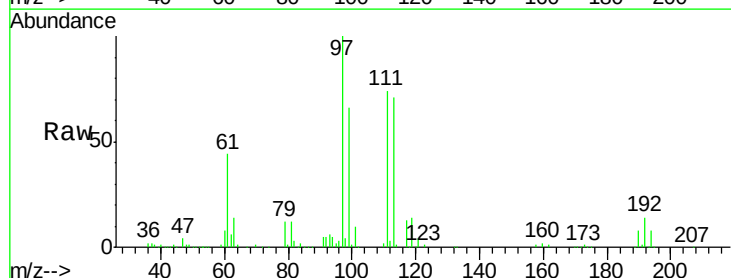
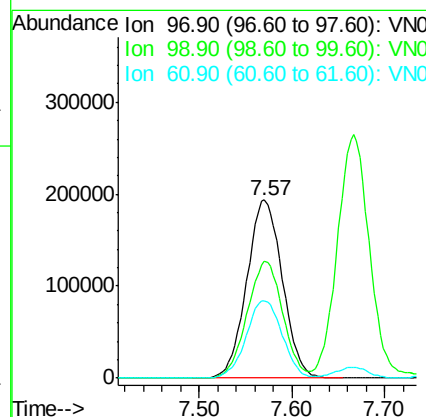
RT: 7.57 min Scan# 1860

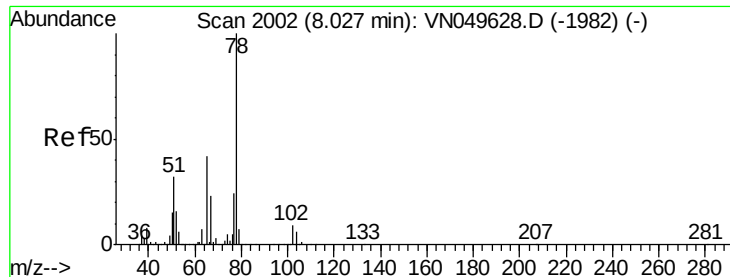
Delta R.T. -0.00 min

Lab File: VN049637.D

Acq: 29 Jun 2018 17:49

Tgt Ion:	97	Resp:	517682
Ion Ratio	Lower	Upper	
97	100		
99	65.5	50.5	75.7
61	44.0	37.9	56.9





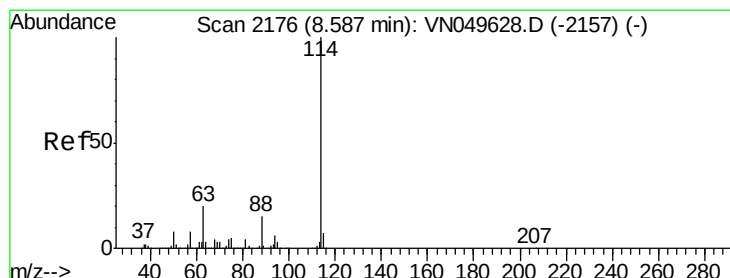
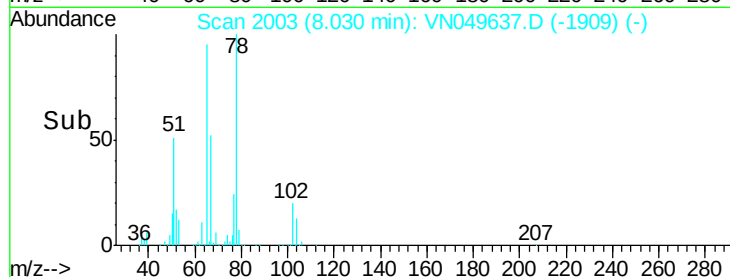
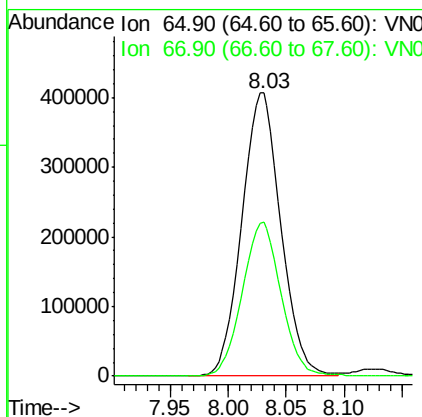
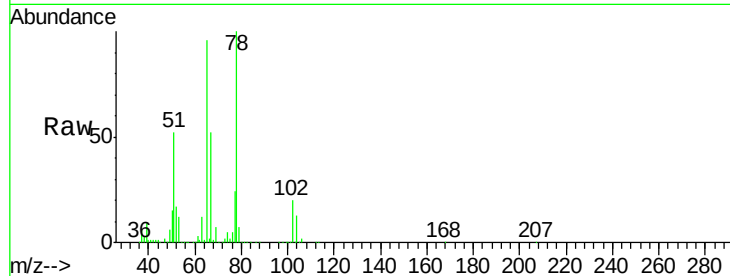
#33
 1,2-Dichloroethane-d4
 Concen: 56.41 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049637.D
 Acq: 29 Jun 2018 17:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.0	0.0	103.8	

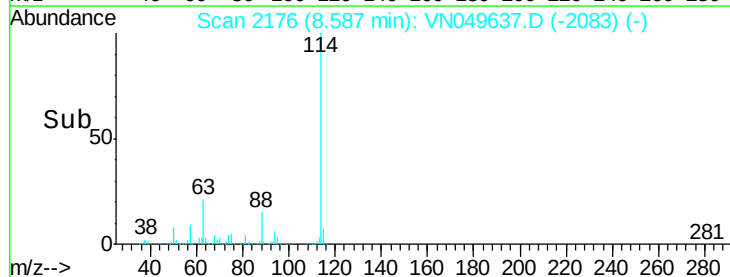
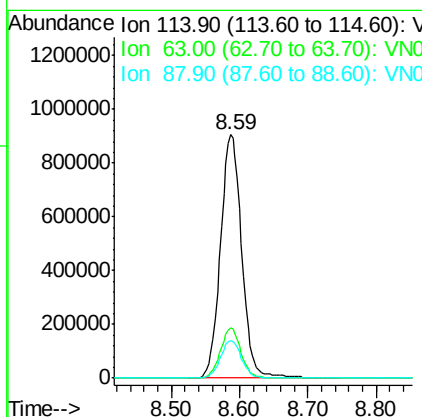
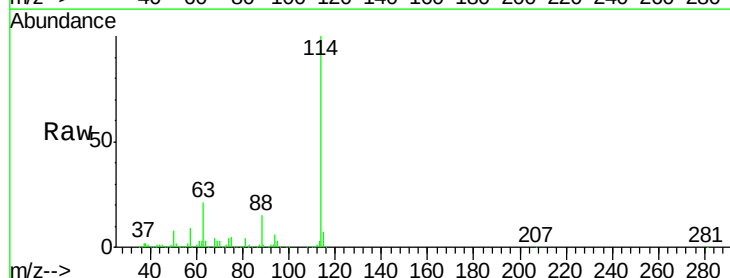
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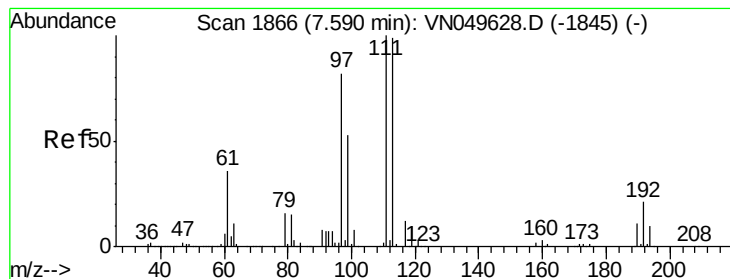
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049637.D
 Acq: 29 Jun 2018 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.6	0.0	44.4	
88	15.3	0.0	31.4	





#35

Dibromofluoromethane

Concen: 54.15 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049637.D

Acq: 29 Jun 2018 17:49

Instrument :

MSVOA_N

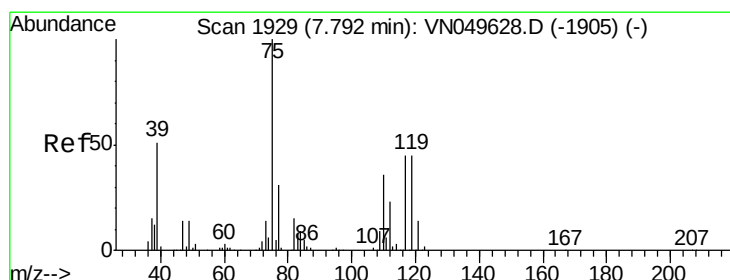
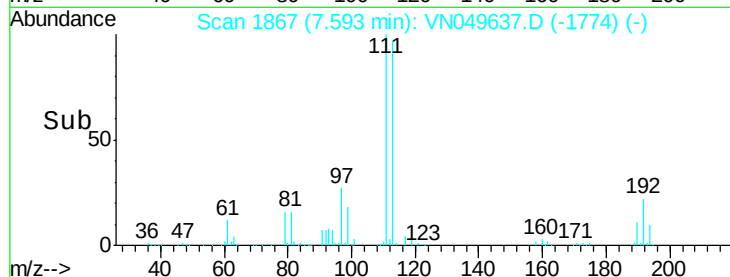
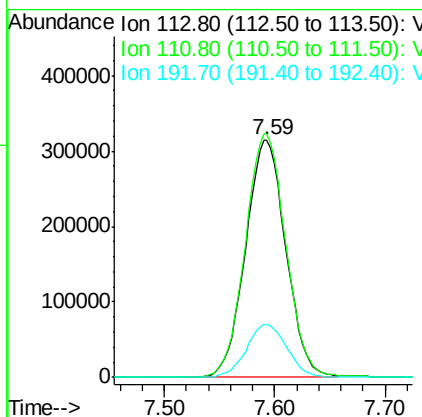
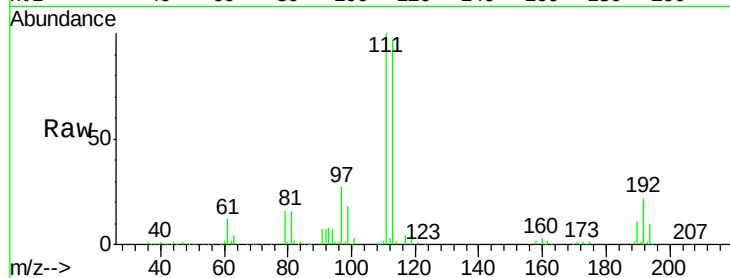
ClientSampleId :

VN0629WBS02

Tot Ion:	113	Resp:	793183
Ion Ratio	Lower	Upper	
113	100		
111	103.5	82.4	123.6
192	22.4	15.0	22.6

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#36

1,1-Dichloropropene

Concen: 19.68 ug/l

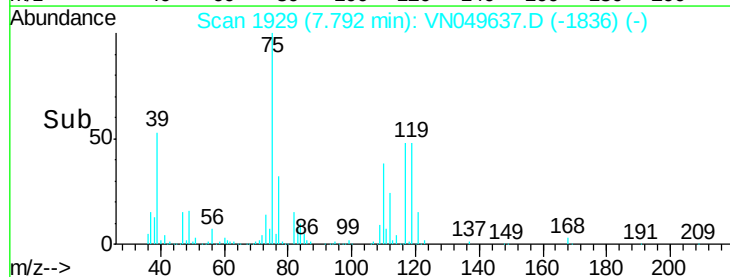
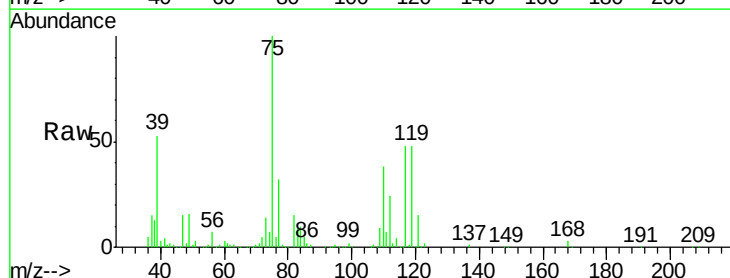
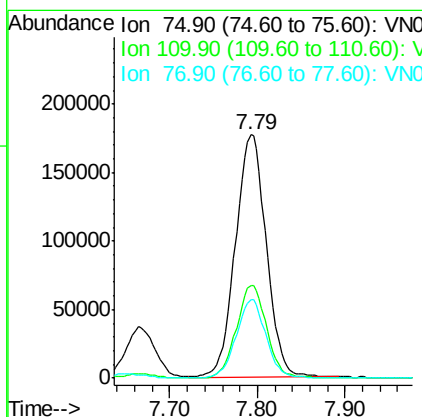
RT: 7.79 min Scan# 1929

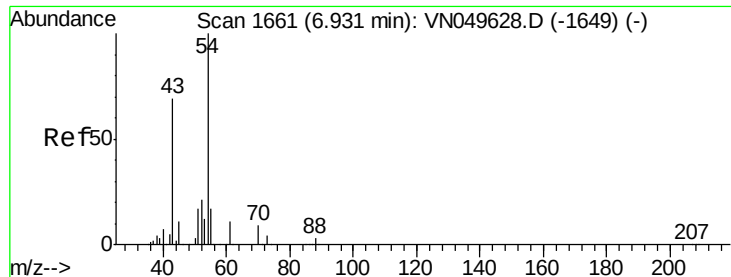
Delta R.T. 0.00 min

Lab File: VN049637.D

Acq: 29 Jun 2018 17:49

Tgt Ion:	75	Resp:	433826
Ion Ratio	Lower	Upper	
75	100		
110	37.4	17.0	50.9
77	31.4	24.4	36.6





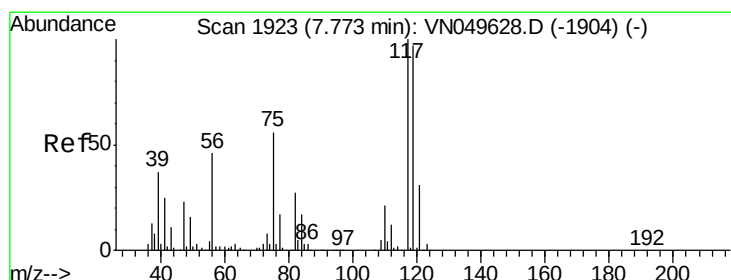
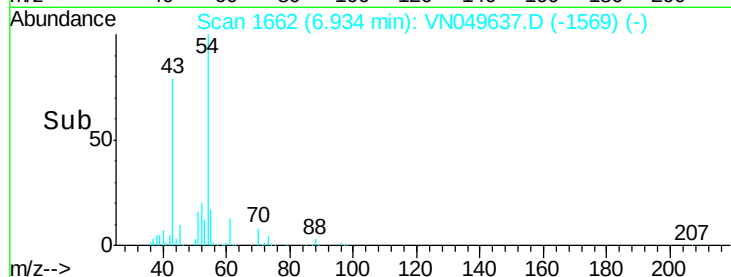
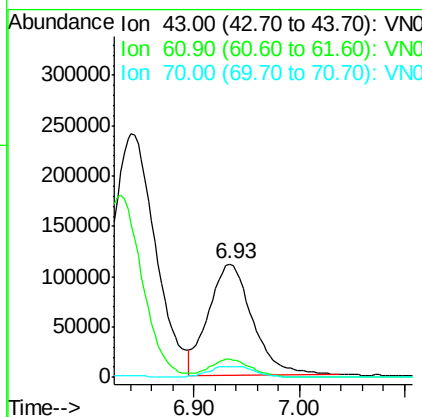
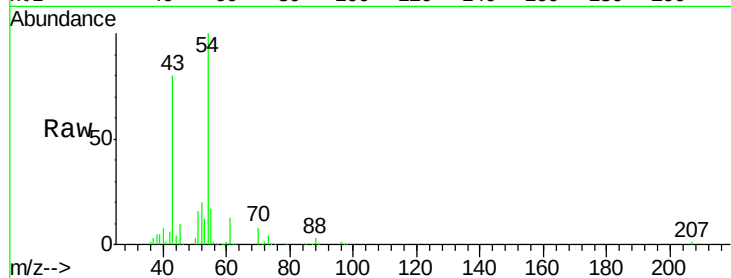
#37
Ethyl Acetate
Concen: 24.88 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN049637.D
Acq: 29 Jun 2018 17:49

Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.0	16.4
70	9.9	7.2	10.8

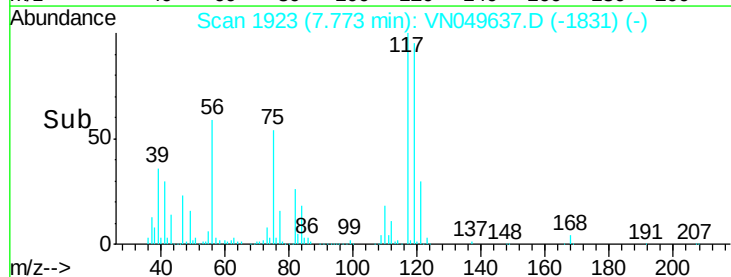
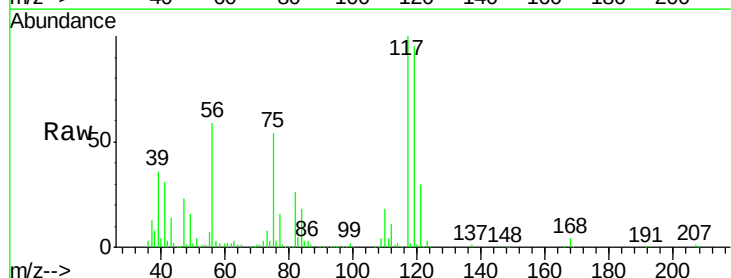
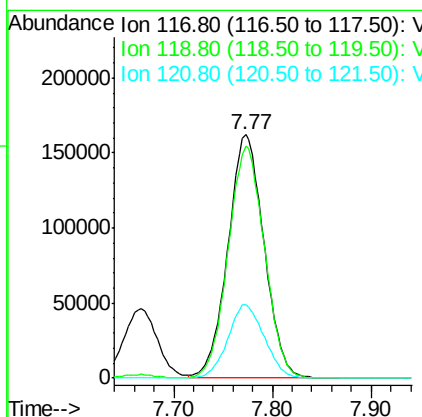
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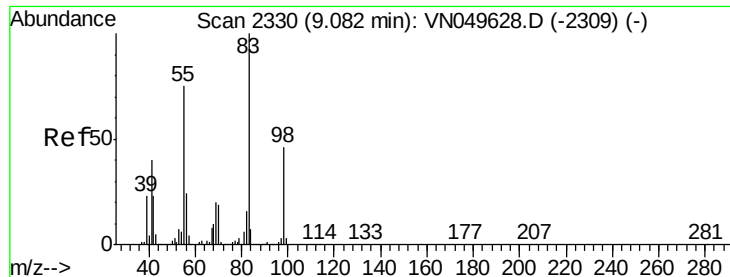
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#38
Carbon Tetrachloride
Concen: 19.19 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VN049637.D
Acq: 29 Jun 2018 17:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	75.6	113.4
121	30.4	24.7	37.1





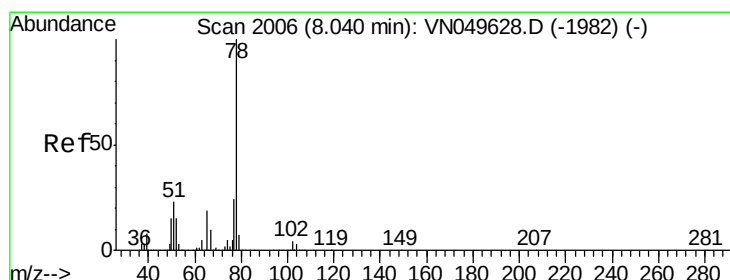
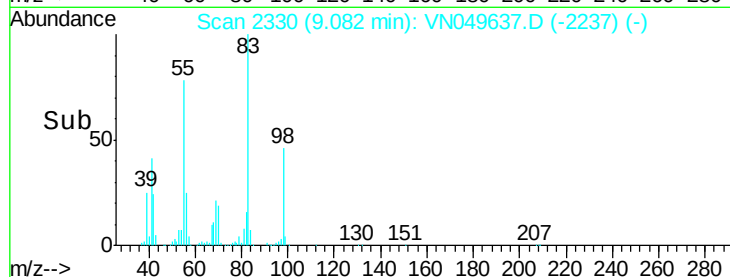
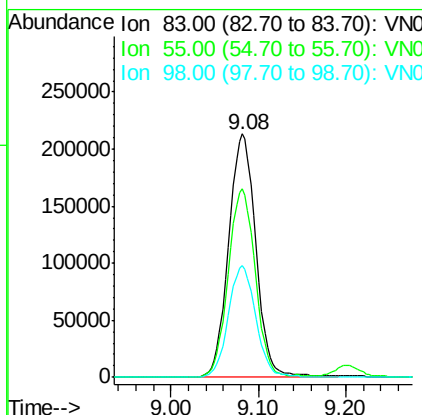
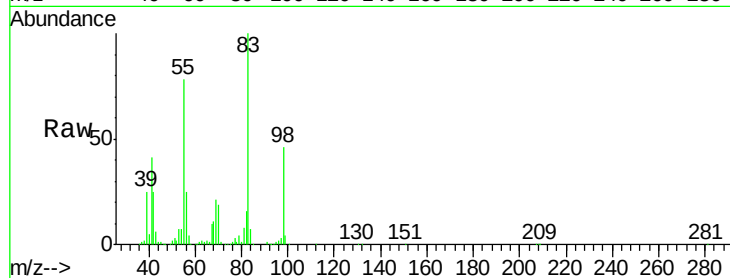
#39
Methvlcvclohexane
Concen: 19.16 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049637.D
Acq: 29 Jun 2018 17:49

Instrument :
MSVOA_N
ClientSampled :
VN0629WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.7	65.1	97.7
98	45.9	36.5	54.7

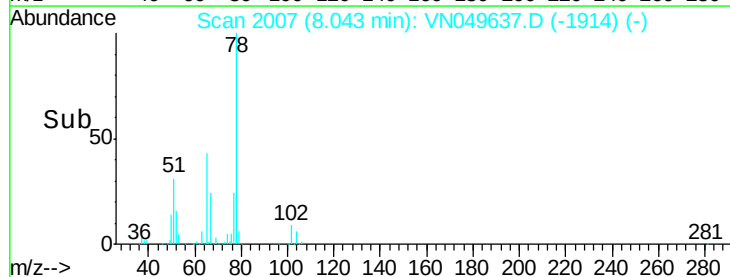
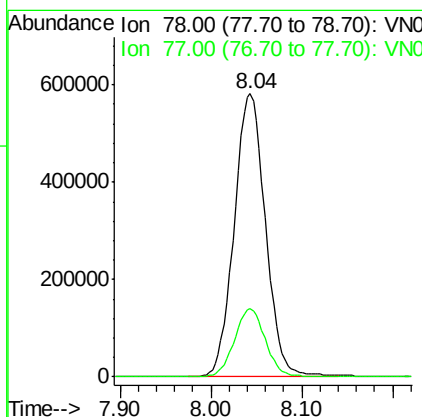
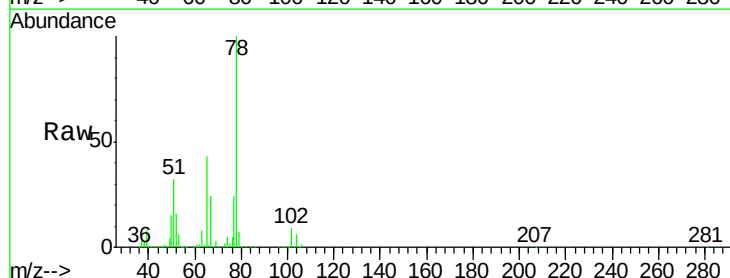
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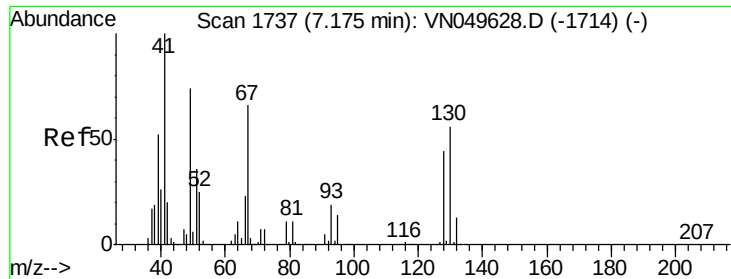
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#40
Benzene
Concen: 20.65 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN049637.D
Acq: 29 Jun 2018 17:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.4	29.0





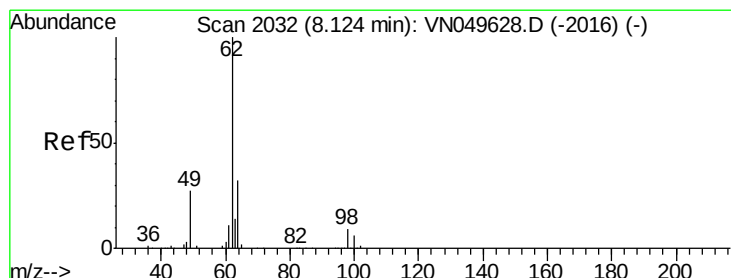
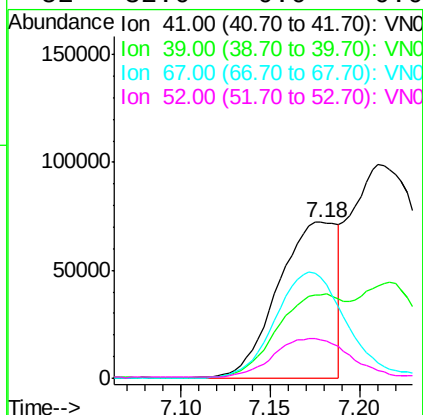
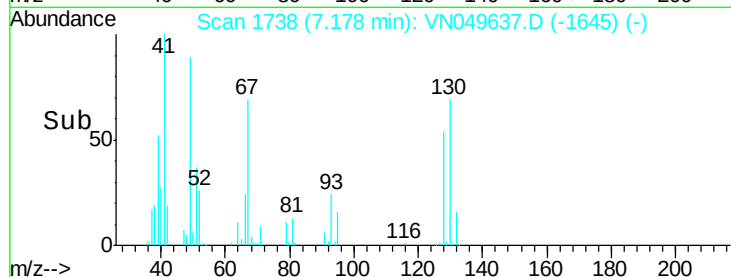
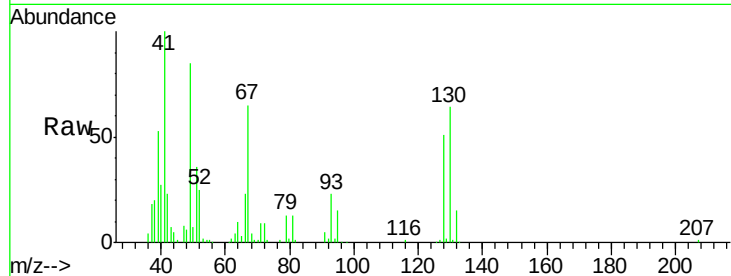
#41
Methacrylonitrile
Concen: 24.20 ug/l
RT: 7.18 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN049637.D
Acq: 29 Jun 2018 17:49

Instrument :
MSVOA_N
ClientSampled :
VN0629WBS02

Tot Ion	Ratio	Lower	Upper
41	100		
39	58.2	0.0	0.0#
67	83.8	0.0	0.0#
52	32.0	0.0	0.0#

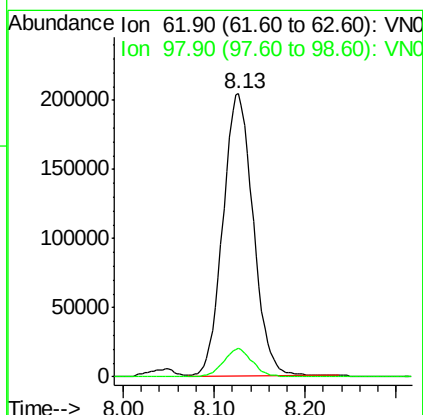
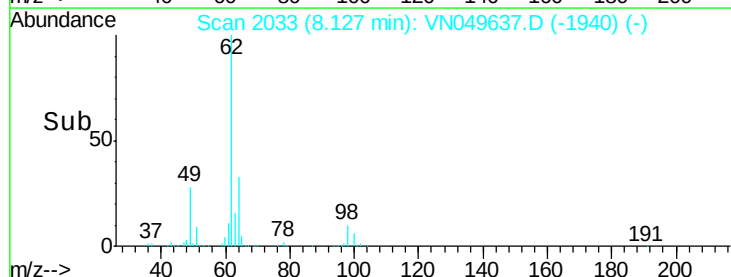
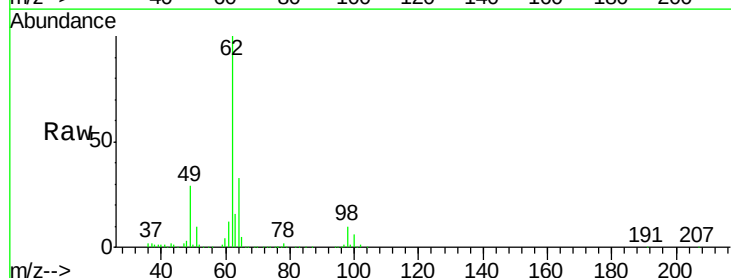
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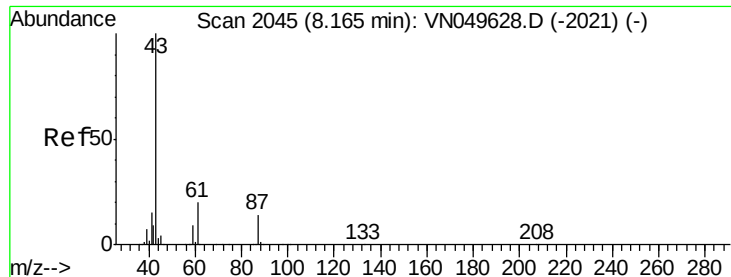
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#42
1,2-Dichloroethane
Concen: 22.03 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049637.D
Acq: 29 Jun 2018 17:49

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	16.2





#43

Isopropyl Acetate

Concen: 23.54 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN049637.D

Acq: 29 Jun 2018 17:49

Instrument :

MSVOA_N

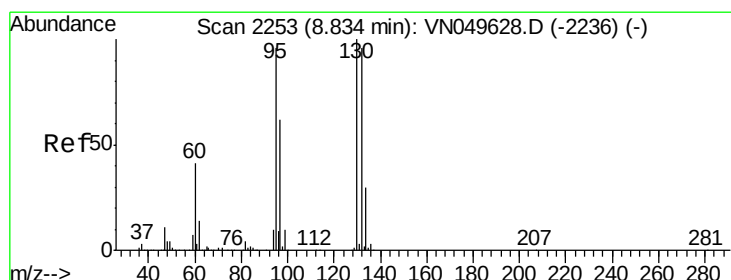
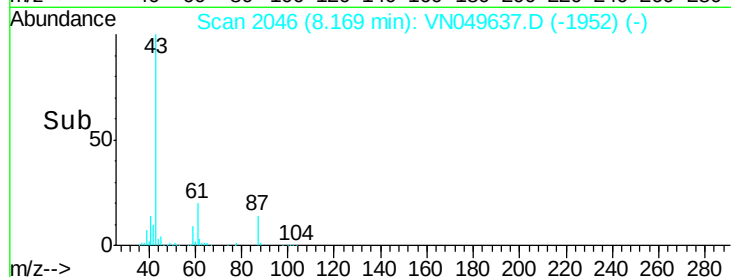
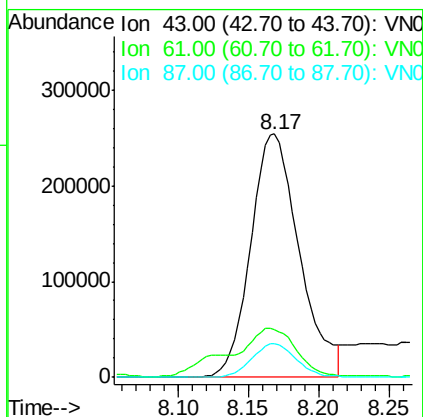
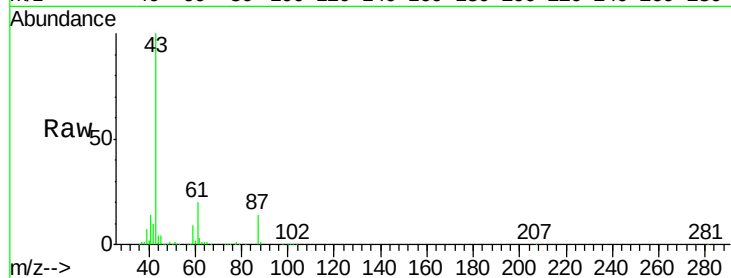
ClientSampleId :

VN0629WBS02

Tot Ion:	43	Resp:	608785
Ion	Ratio	Lower	Upper
43	100		
61	18.7	14.2	21.4
87	12.8	9.4	14.0

Manual Integrations
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#44

Trichloroethene

Concen: 19.83 ug/l

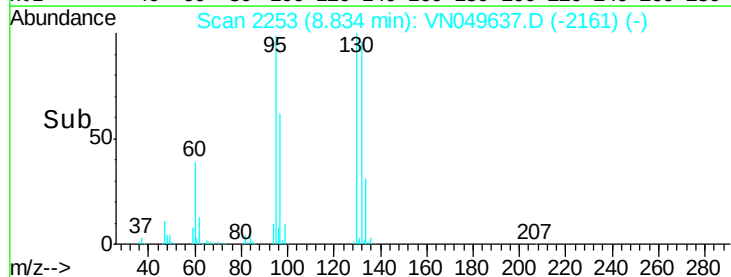
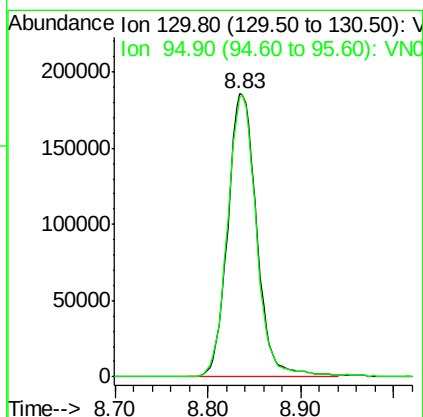
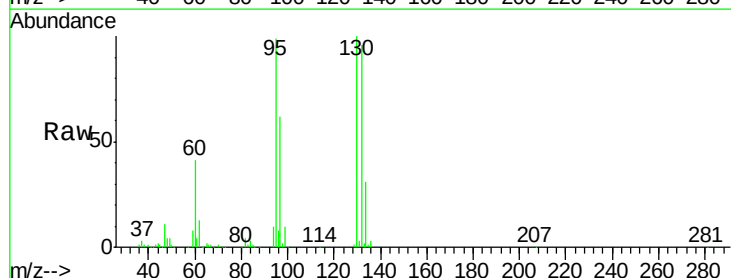
RT: 8.83 min Scan# 2253

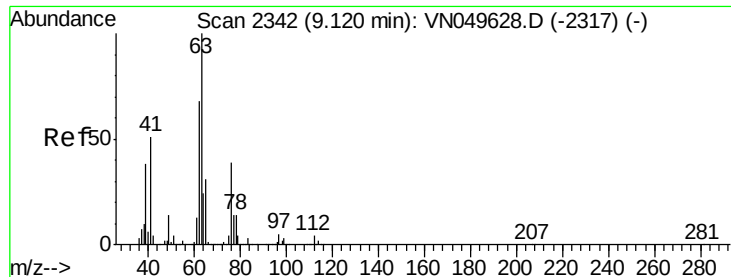
Delta R.T. -0.00 min

Lab File: VN049637.D

Acq: 29 Jun 2018 17:49

Tgt Ion:	130	Resp:	402542
Ion	Ratio	Lower	Upper
130	100		
95	98.7	0.0	208.6





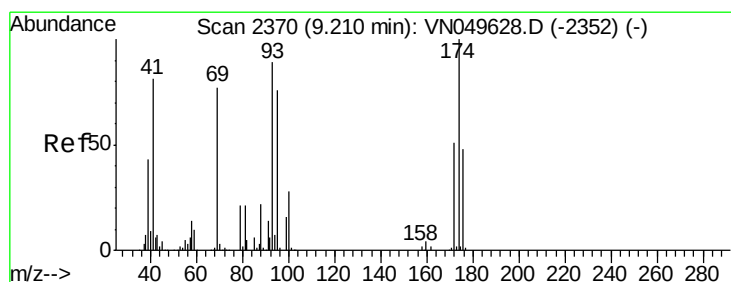
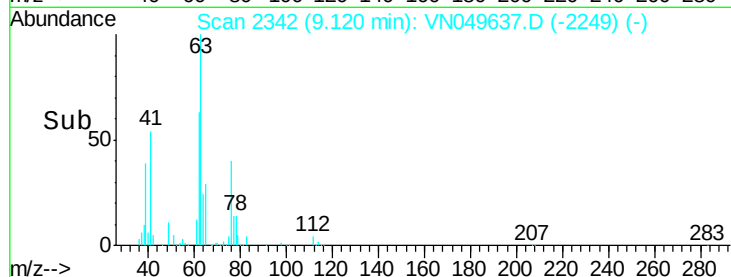
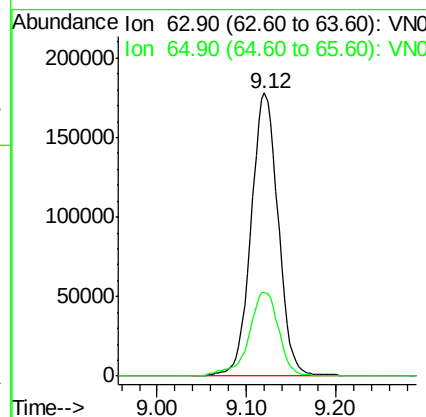
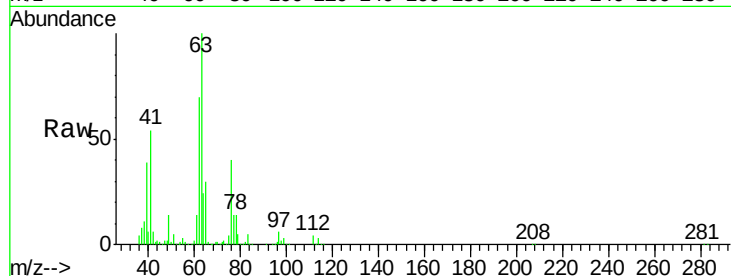
#45
 1,2-Dichloropropane
 Concen: 21.61 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: VN049637.D
 Acq: 29 Jun 2018 17:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.7	24.8	37.2

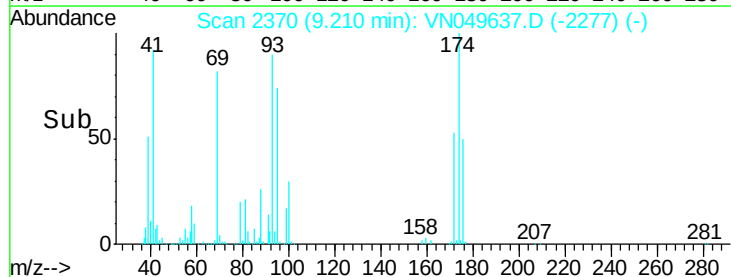
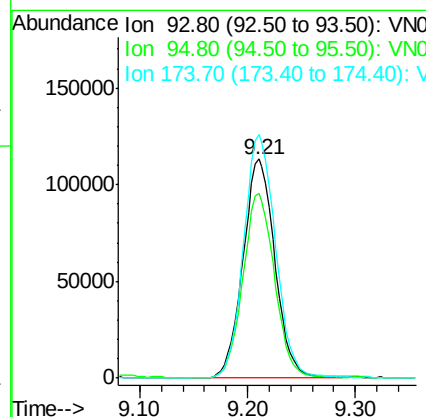
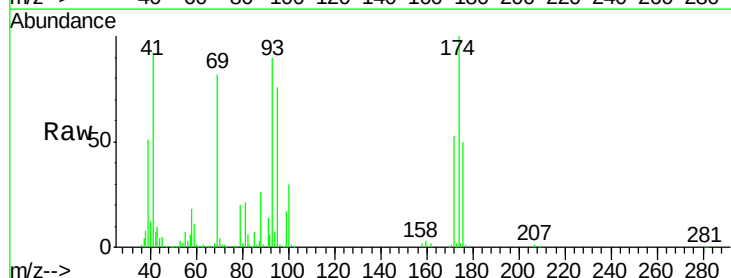
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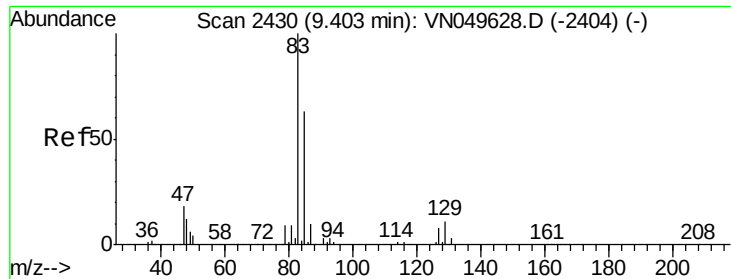
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#46
 Dibromomethane
 Concen: 22.26 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. 0.00 min
 Lab File: VN049637.D
 Acq: 29 Jun 2018 17:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.6	67.2	100.8
174	111.2	75.6	113.4





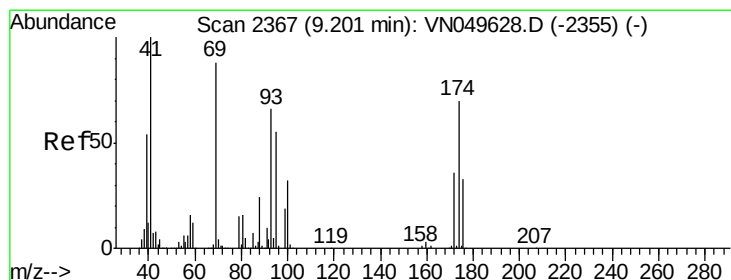
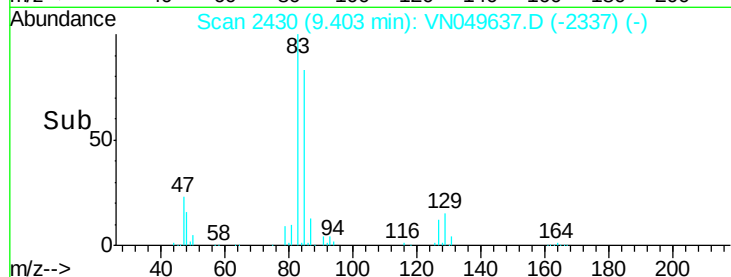
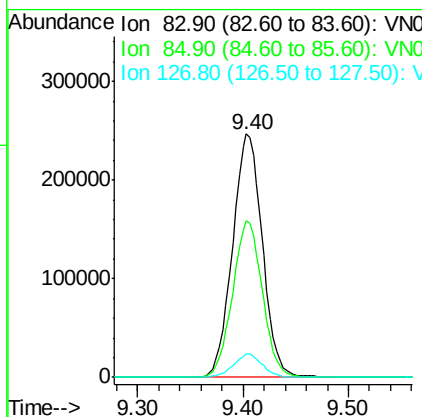
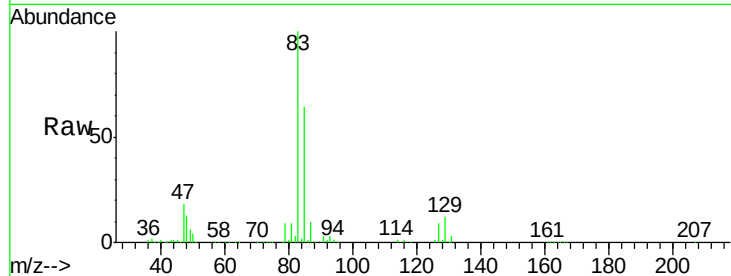
#47
Bromodichloromethane
Concen: 21.53 ug/l
RT: 9.40 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VN049637.D
Acq: 29 Jun 2018 17:49

Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	482101		
85	64.1		49.4	74.0
127	9.4		6.3	9.5

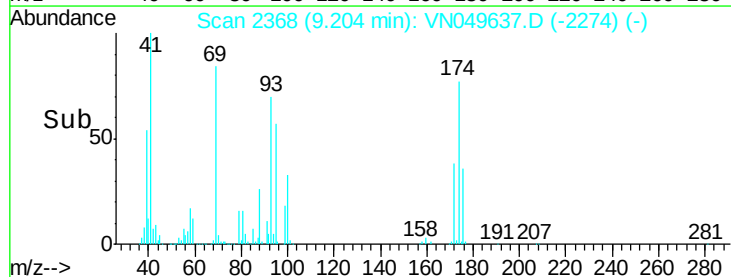
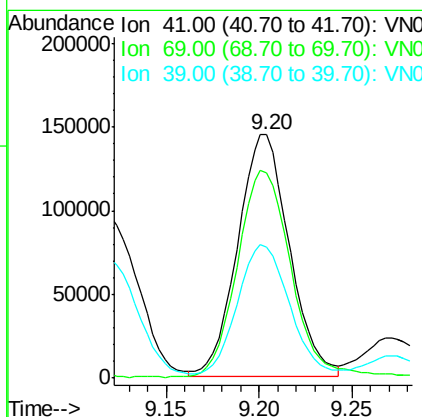
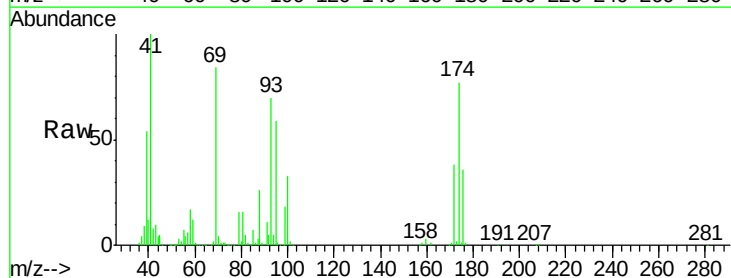
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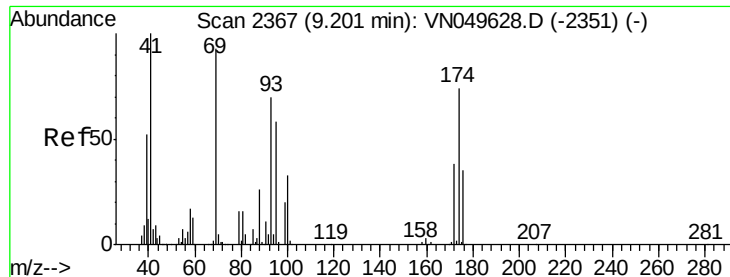
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7/2/2018 2:20:23 PM



#48
Methyl methacrylate
Concen: 24.51 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN049637.D
Acq: 29 Jun 2018 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	280079		
69	88.9		62.0	93.0
39	56.3		50.6	75.8





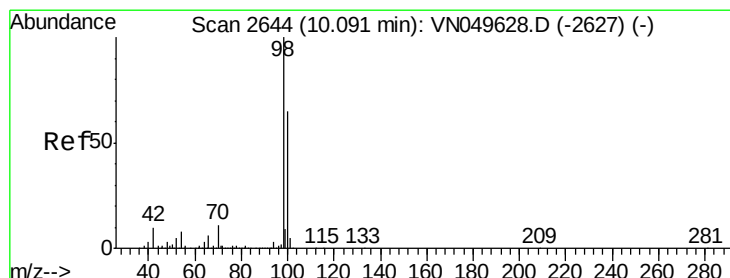
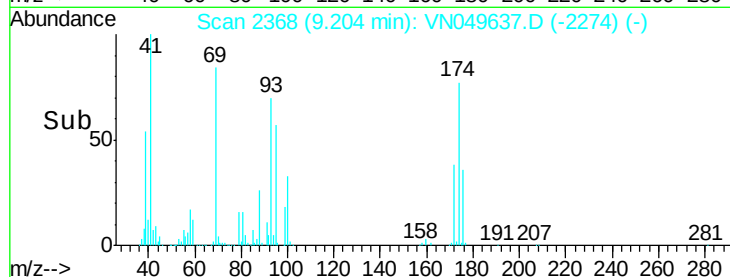
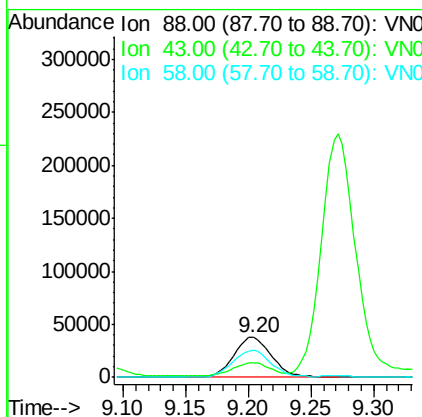
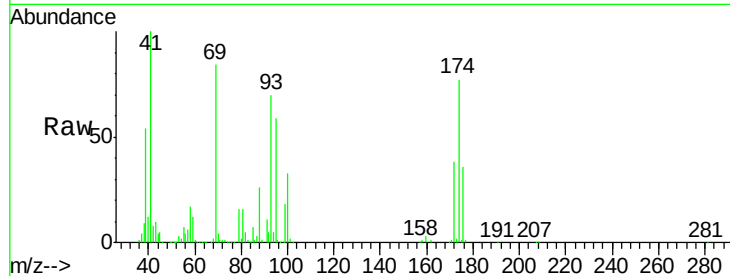
#49
1,4-Dioxane
Concen: 516.07 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN049637.D
Acq: 29 Jun 2018 17:49

Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS02

Tot Ion	88	Resp	79269
Ion Ratio	100	Lower	Upper
88	100		
43	32.7	30.9	46.3
58	69.2	58.9	88.3

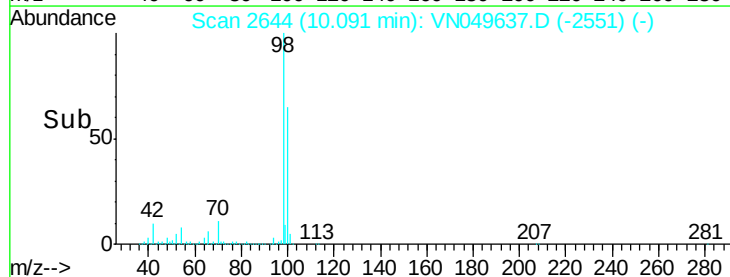
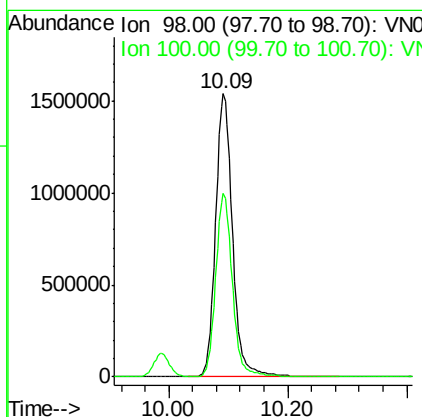
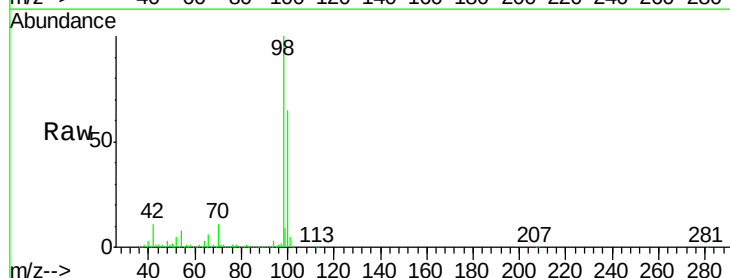
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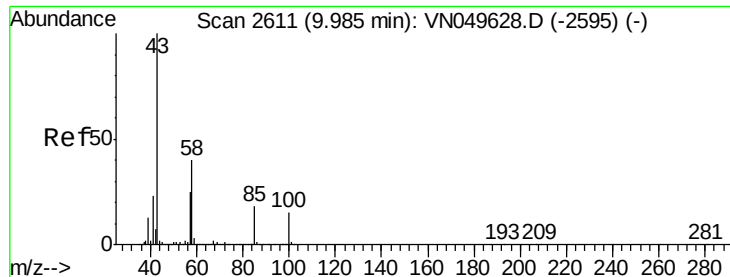
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#50
Toluene-d8
Concen: 52.60 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049637.D
Acq: 29 Jun 2018 17:49

Tgt Ion	98	Resp	3015818
Ion Ratio	100	Lower	Upper
98	100		
100	64.2	49.8	74.8





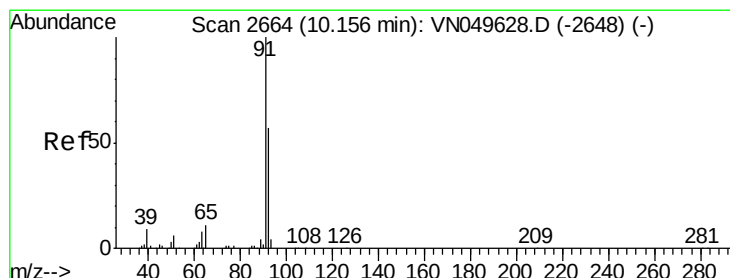
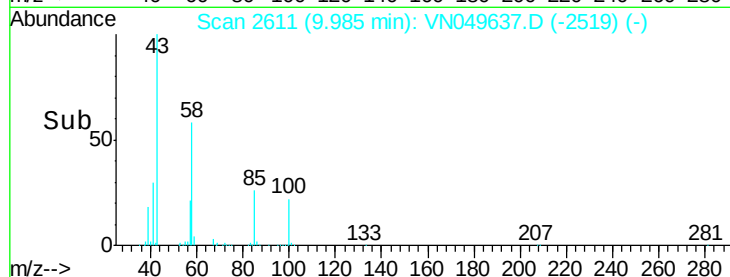
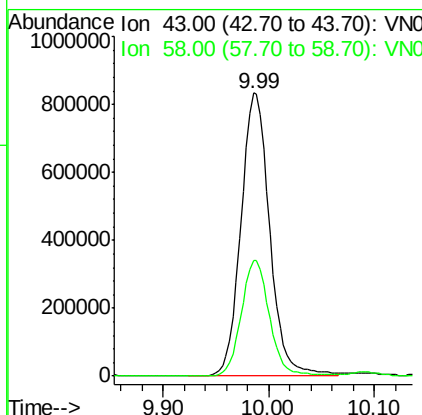
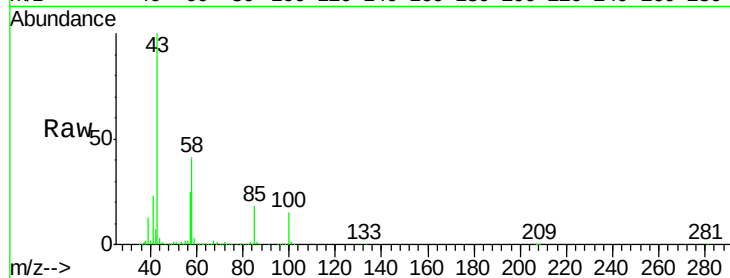
#51
4-Methyl-2-Pentanone
Concen: 125.34 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. -0.00 min
Lab File: VN049637.D
Acq: 29 Jun 2018 17:49

Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS02

Tot Ion: 43 Resp: 1579963
Ion Ratio Lower Upper
43 100
58 40.2 29.0 43.6

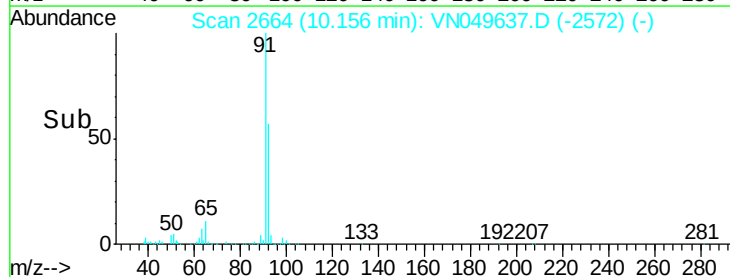
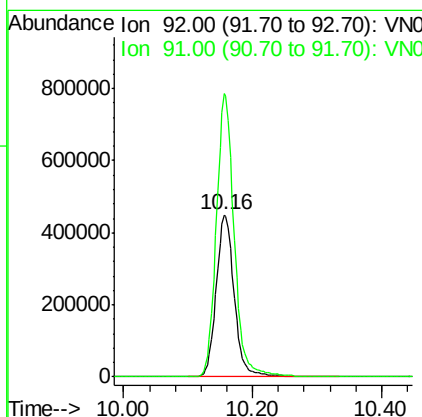
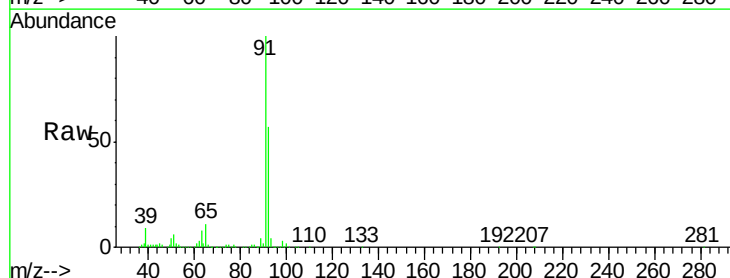
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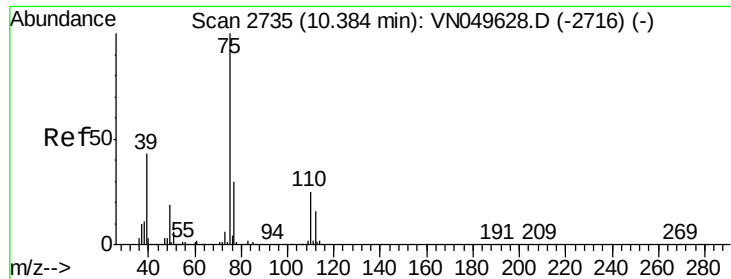
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#52
Toluene
Concen: 21.42 ug/l
RT: 10.16 min Scan# 2664
Delta R.T. -0.00 min
Lab File: VN049637.D
Acq: 29 Jun 2018 17:49

Tgt Ion: 92 Resp: 870849
Ion Ratio Lower Upper
92 100
91 172.7 143.4 215.2





#53

t-1,3-Dichloropropene

Concen: 21.66 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049637.D

Acq: 29 Jun 2018 17:49

Instrument :

MSVOA_N

ClientSampled :

VN0629WBS02

Tot Ion: 75 Resp: 464515

Ion Ratio Lower Upper

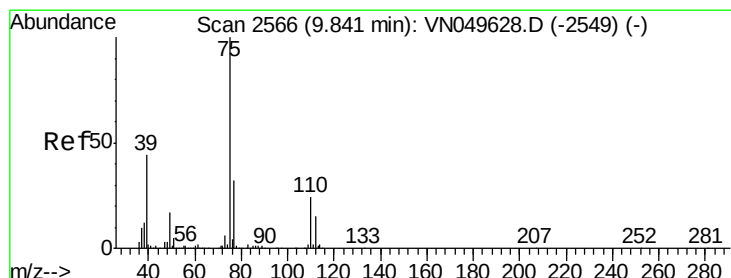
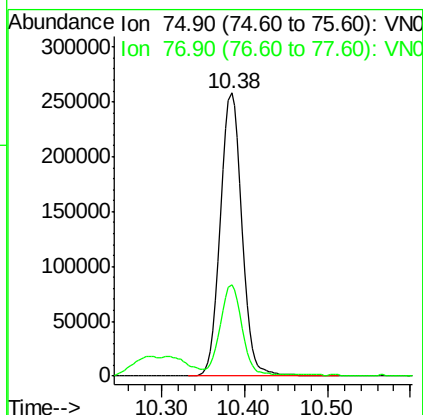
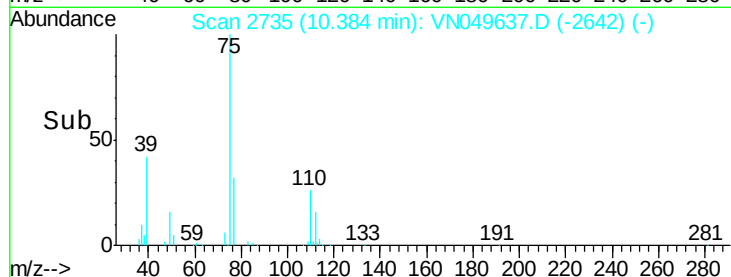
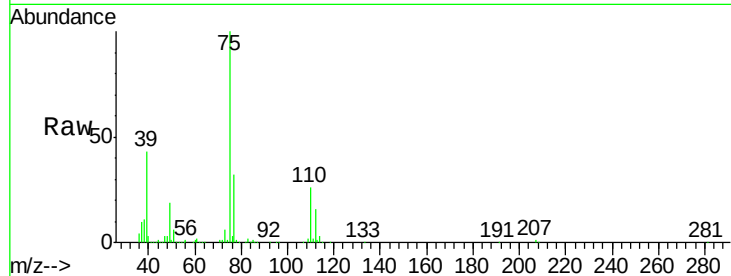
75 100

77 32.0 25.2 37.8

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 21.60 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049637.D

Acq: 29 Jun 2018 17:49

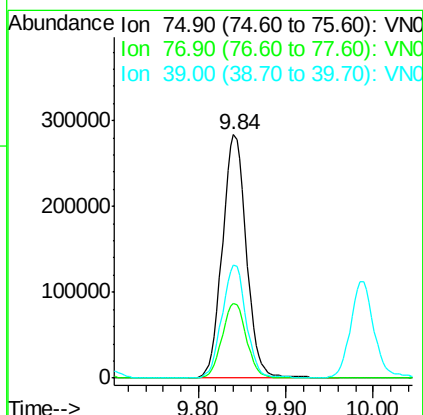
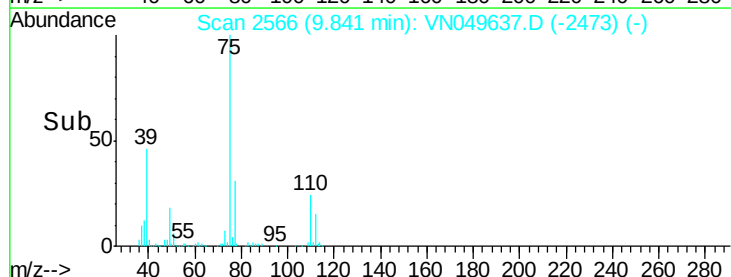
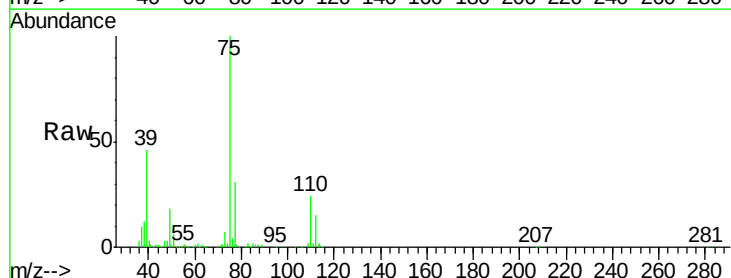
Tgt Ion: 75 Resp: 541435

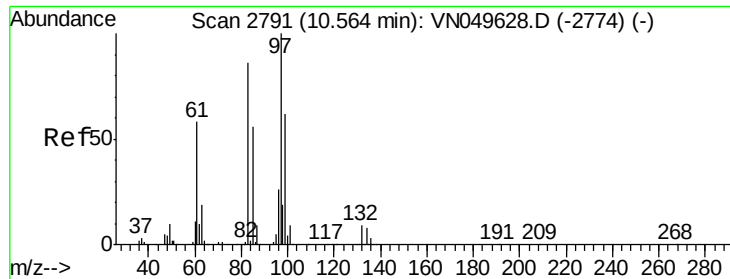
Ion Ratio Lower Upper

75 100

77 30.9 24.8 37.2

39 46.2 45.1 67.7





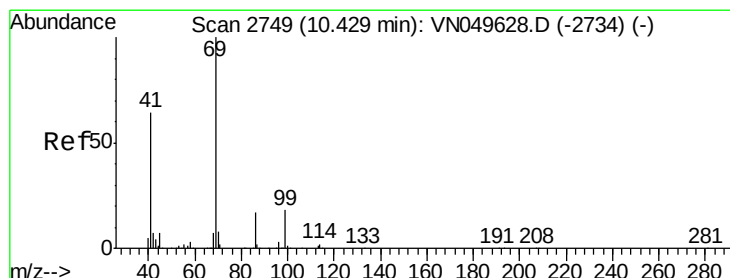
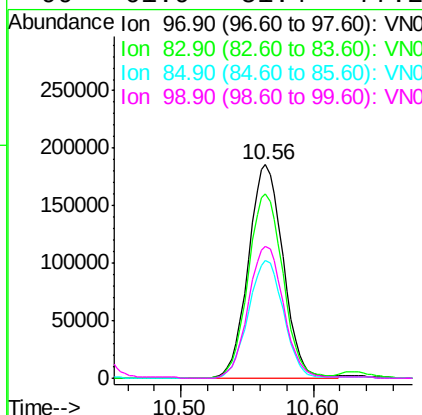
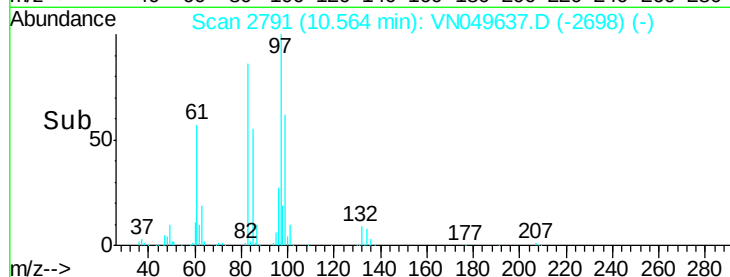
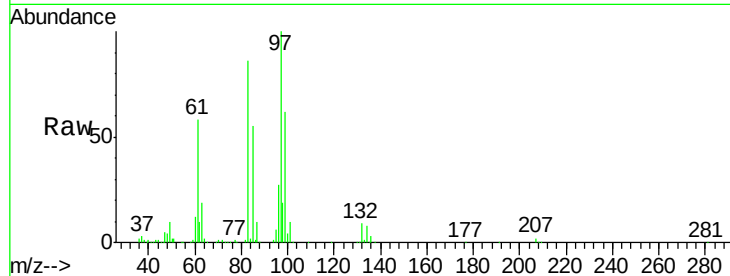
#55
 1,1,2-Trichloroethane
 Concen: 22.35 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049637.D
 Acq: 29 Jun 2018 17:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		338474		
83	86.2	71.5	107.3		
85	55.1	47.0	70.4		
99	61.9	51.4	77.2		

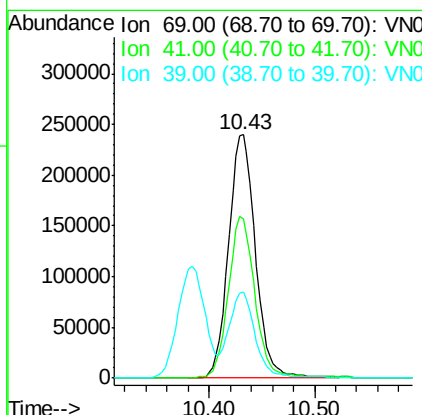
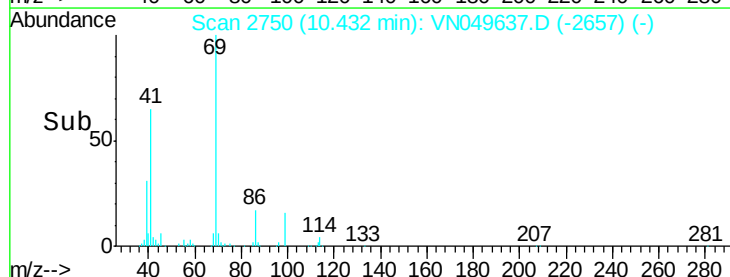
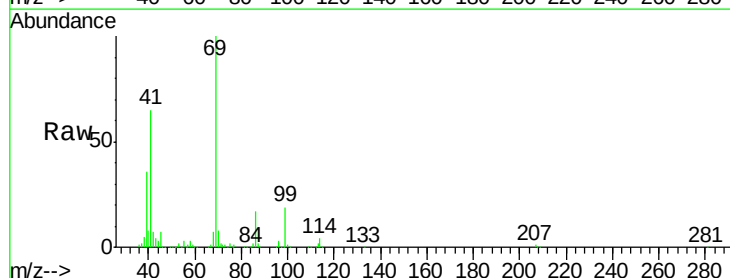
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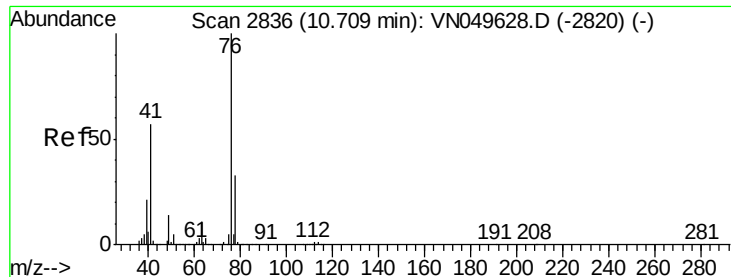
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#56
 Ethyl methacrylate
 Concen: 23.85 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN049637.D
 Acq: 29 Jun 2018 17:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		423263		
41	64.4	58.4	87.6		
39	33.6	35.5	53.3#		





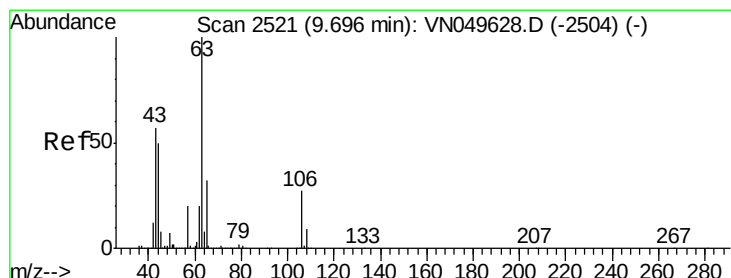
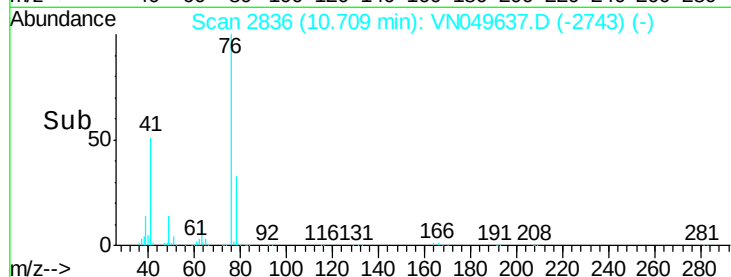
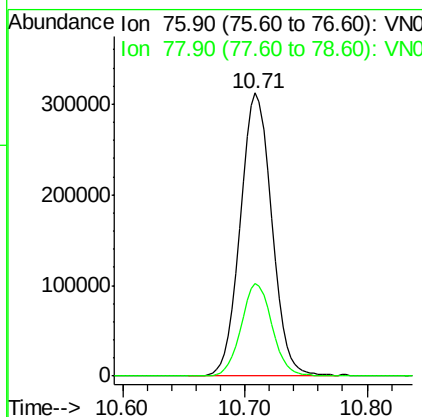
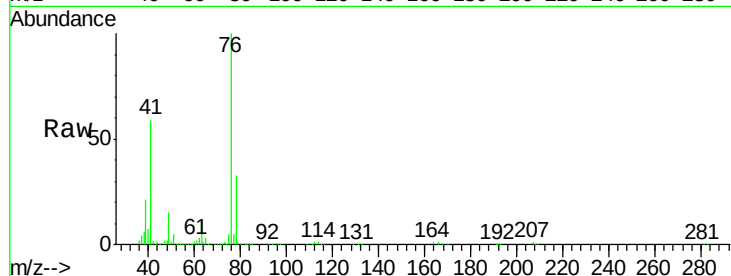
#57
 1,3-Dichloropropane
 Concen: 22.67 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. 0.00 min
 Lab File: VN049637.D
 Acq: 29 Jun 2018 17:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.3	39.5

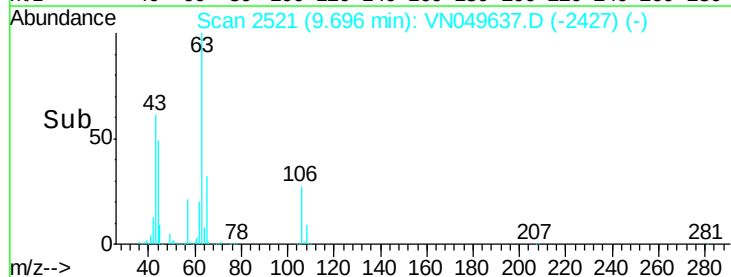
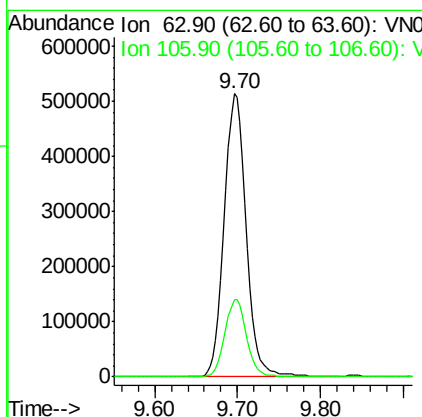
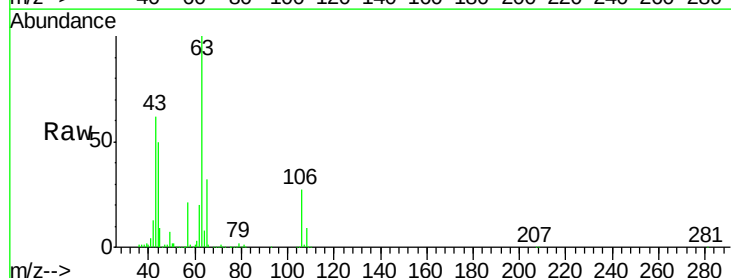
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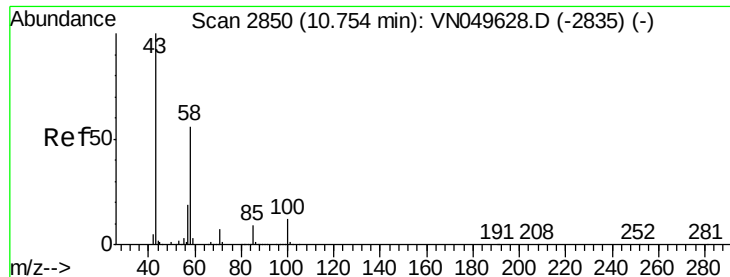
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#58
 2-Chloroethyl Vinyl ether
 Concen: 107.78 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: VN049637.D
 Acq: 29 Jun 2018 17:49

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.9	19.4	29.2





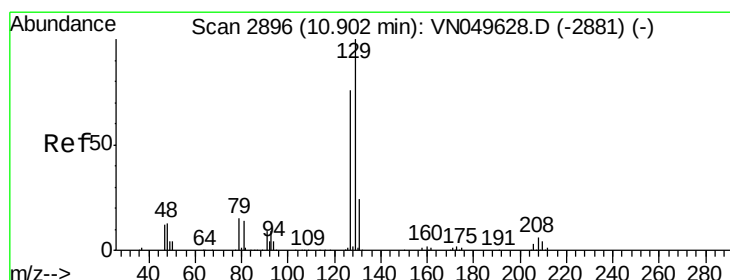
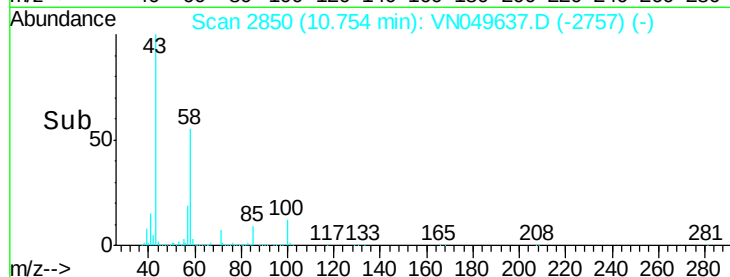
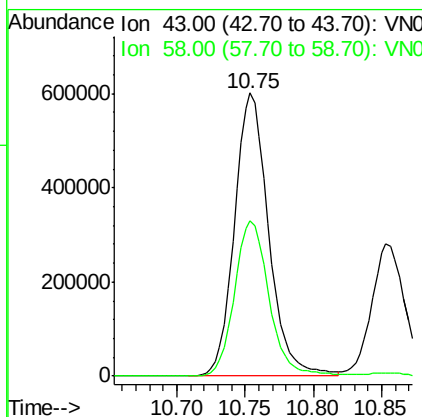
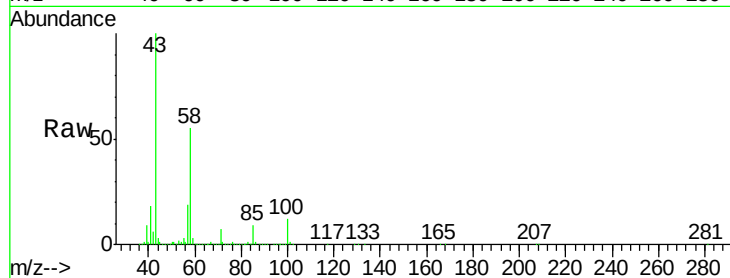
#59
2-Hexanone
Concen: 124.73 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049637.D
Acq: 29 Jun 2018 17:49

Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS02

Tot Ion: 43 Resp: 1039672
Ion Ratio Lower Upper
43 100
58 55.9 25.2 75.6

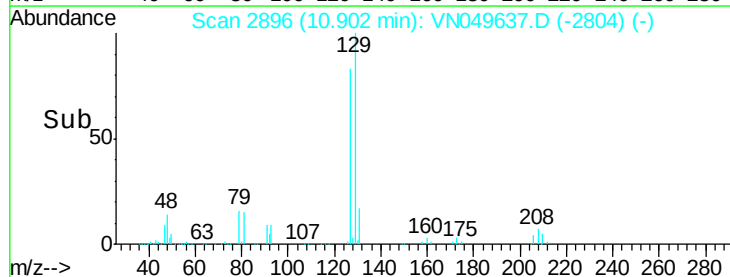
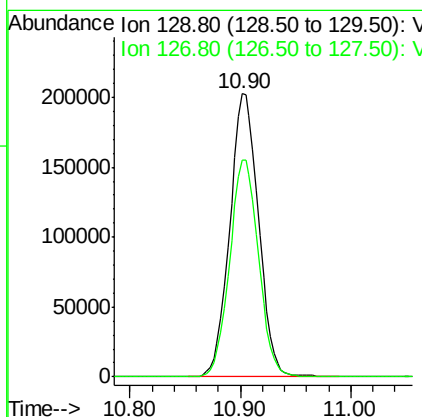
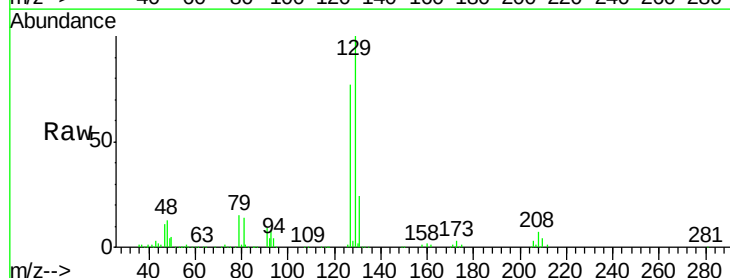
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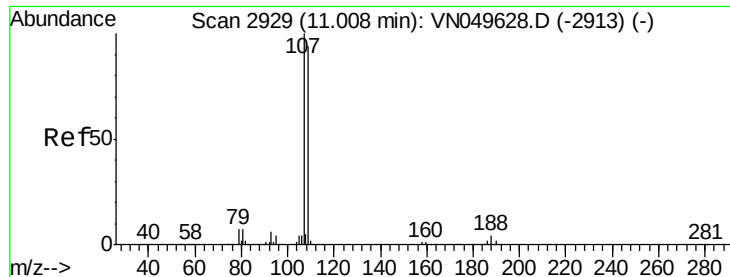
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#60
Dibromochloromethane
Concen: 22.41 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VN049637.D
Acq: 29 Jun 2018 17:49

Tgt Ion: 129 Resp: 366677
Ion Ratio Lower Upper
129 100
127 76.7 39.1 117.2





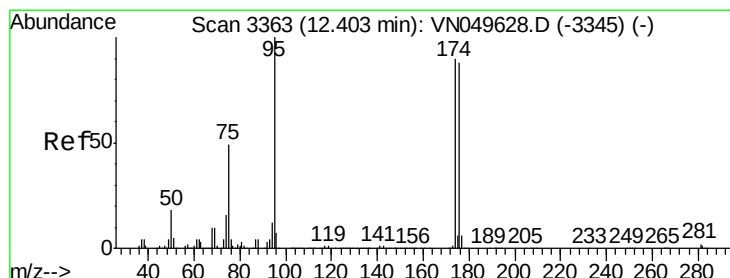
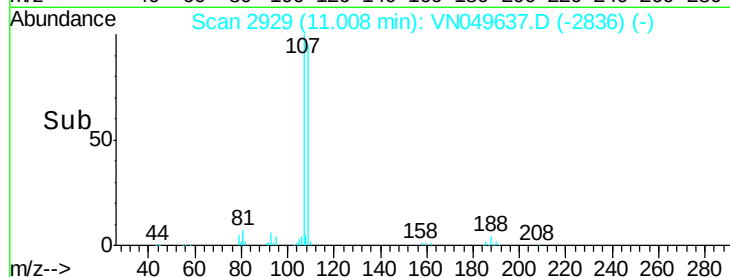
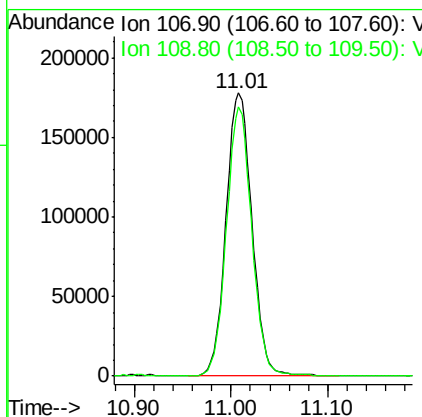
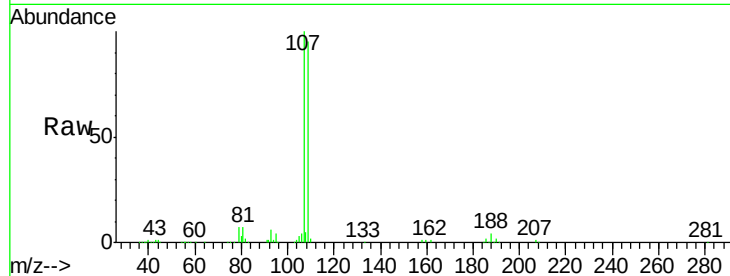
#61
 1,2-Dibromoethane
 Concen: 22.87 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN049637.D
 Acq: 29 Jun 2018 17:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.0	75.4	113.2

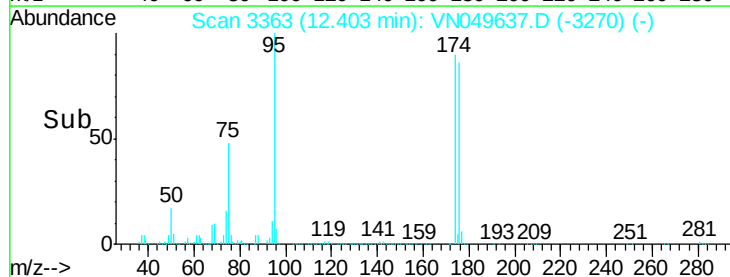
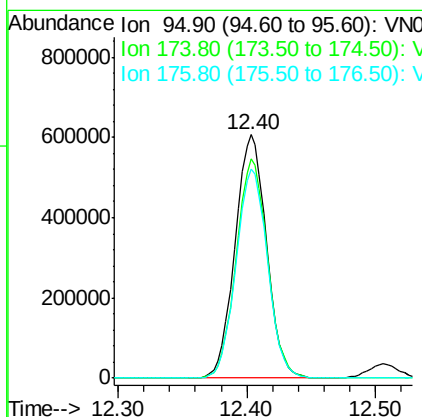
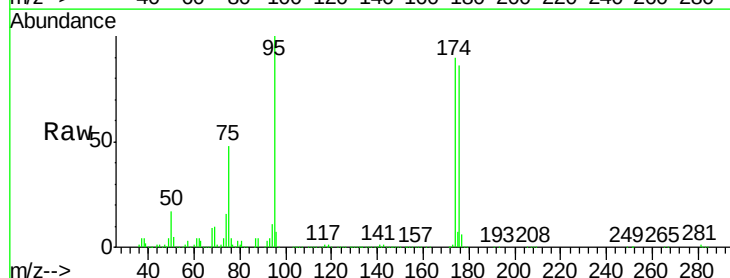
Manual Integrations
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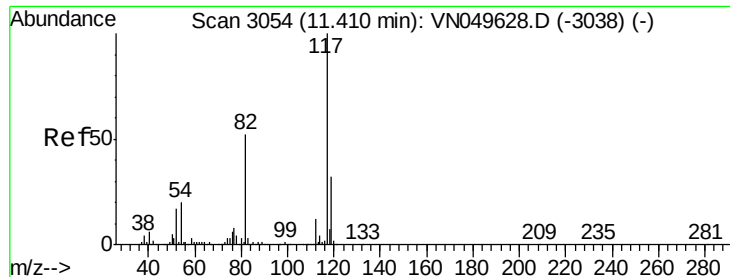
apatel
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#62
 4-Bromofluorobenzene
 Concen: 52.46 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN049637.D
 Acq: 29 Jun 2018 17:49

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.5	0.0	165.6
176	85.9	0.0	157.4





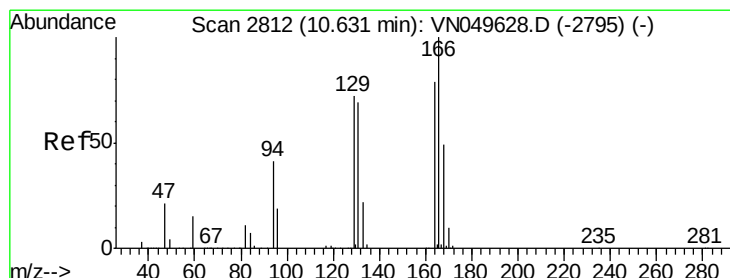
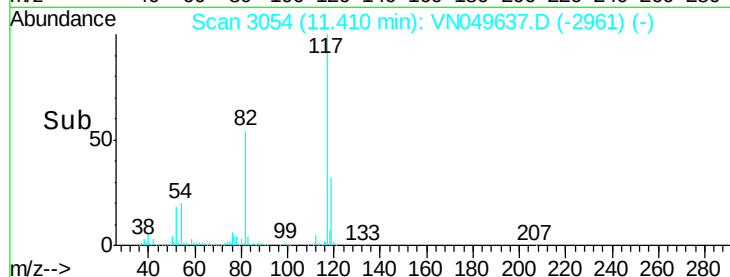
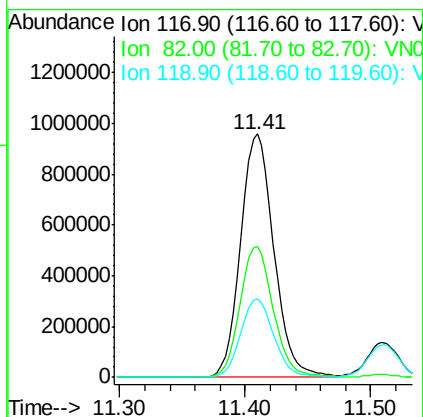
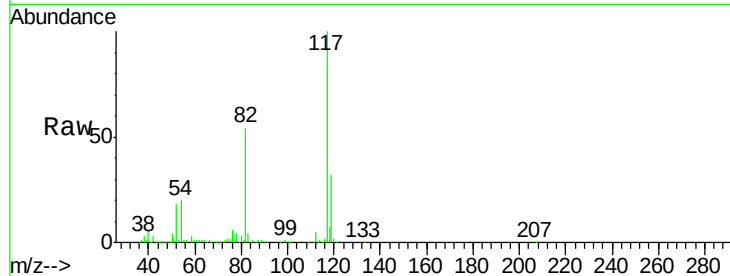
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049637.D
Acq: 29 Jun 2018 17:49

Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS02

Tot Ion:117 Resp: 1770776
Ion Ratio Lower Upper
117 100
82 53.8 45.9 68.9
119 32.3 25.5 38.3

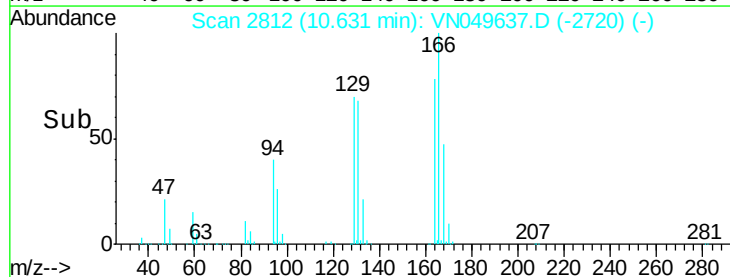
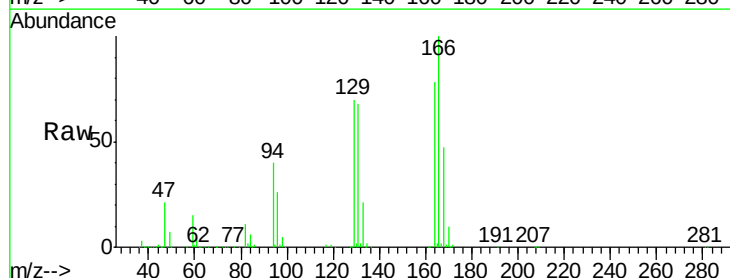
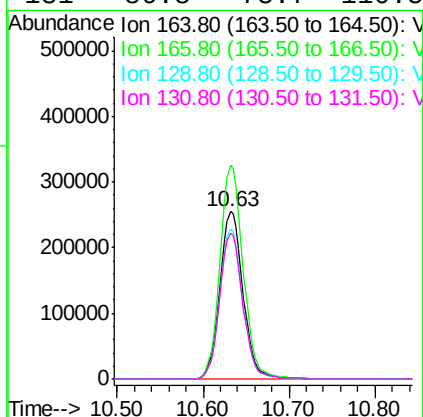
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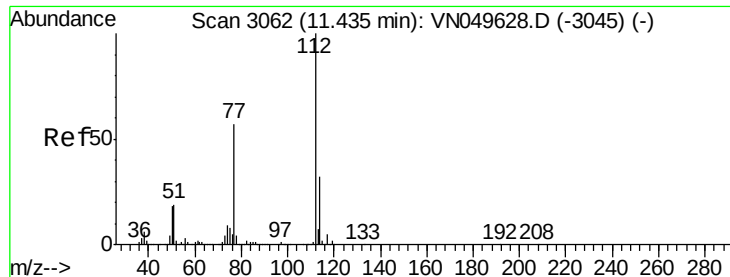
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#64
Tetrachloroethene
Concen: 19.96 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN049637.D
Acq: 29 Jun 2018 17:49

Tgt Ion:164 Resp: 478562
Ion Ratio Lower Upper
164 100
166 127.4 101.4 152.2
129 89.6 74.1 111.1
131 86.8 73.7 110.5





#65

Chlorobenzene

Concen: 20.20 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049637.D

Acq: 29 Jun 2018 17:49

Instrument :

MSVOA_N

ClientSampled :

VN0629WBS02

Tot Ion:112 Resp: 933111

Ion Ratio Lower Upper

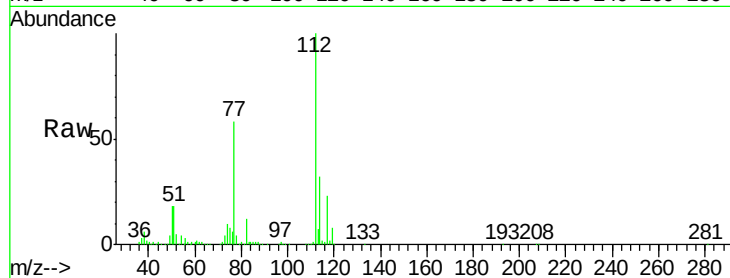
112 100

114 32.5 26.2 39.4

Manual Integrations
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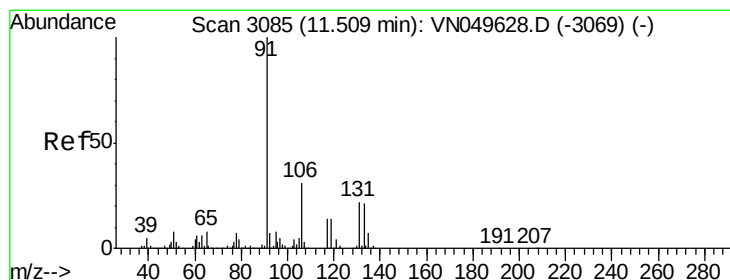
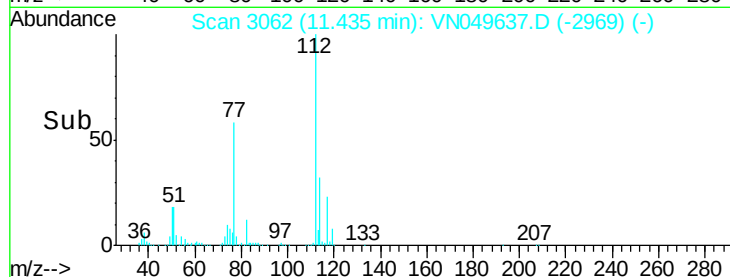
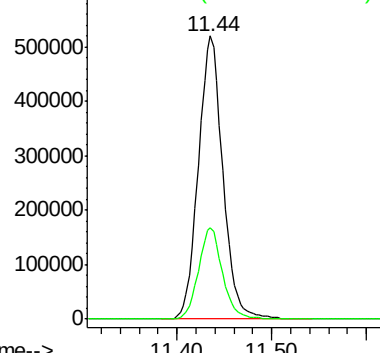
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.04 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. 0.00 min

Lab File: VN049637.D

Acq: 29 Jun 2018 17:49

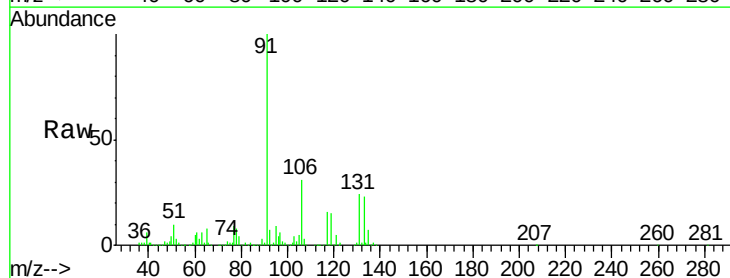
Tgt Ion:131 Resp: 349248

Ion Ratio Lower Upper

131 100

133 95.7 48.0 144.2

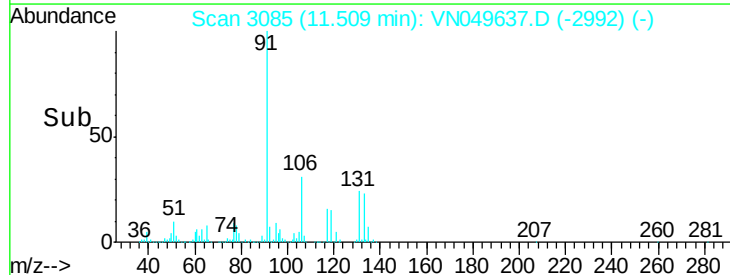
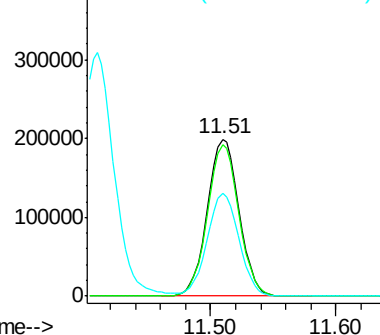
119 65.9 33.6 100.8

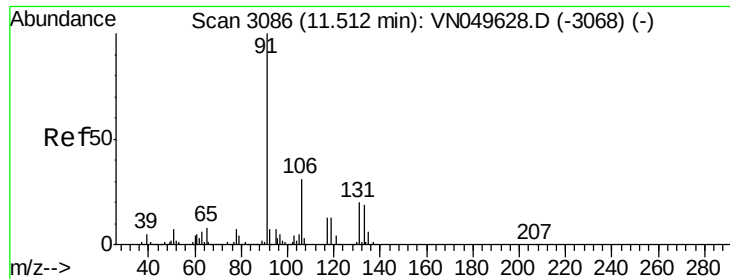


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





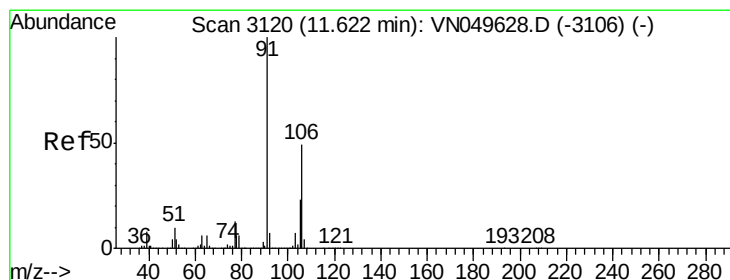
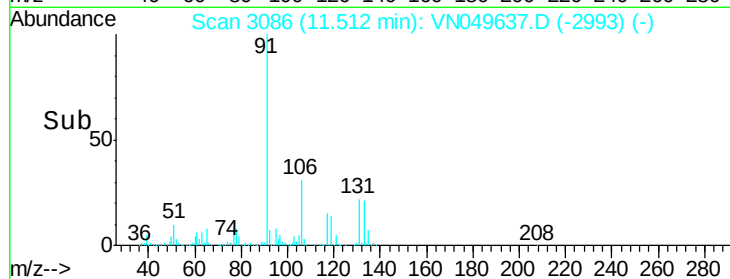
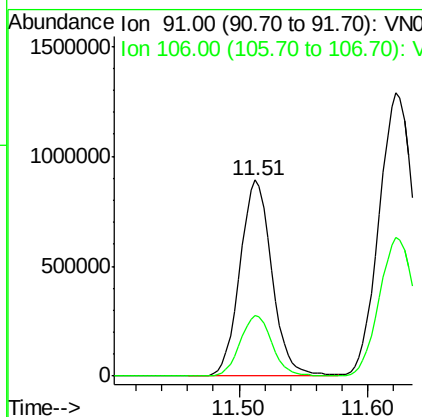
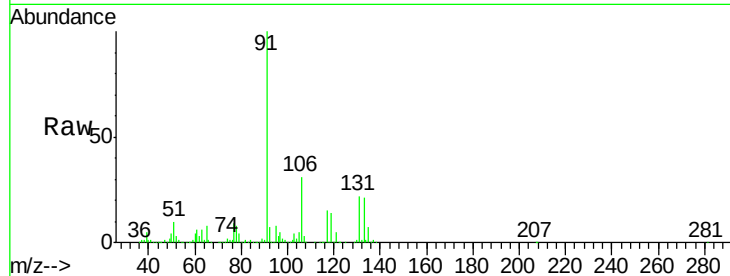
#67
Ethyl Benzene
Concen: 20.22 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN049637.D
Acq: 29 Jun 2018 17:49

Instrument :
MSVOA_N
ClientSampled :
VN0629WBS02

Tot Ion: 91 Resp: 1543707
Ion Ratio Lower Upper
91 100
106 30.8 23.9 35.9

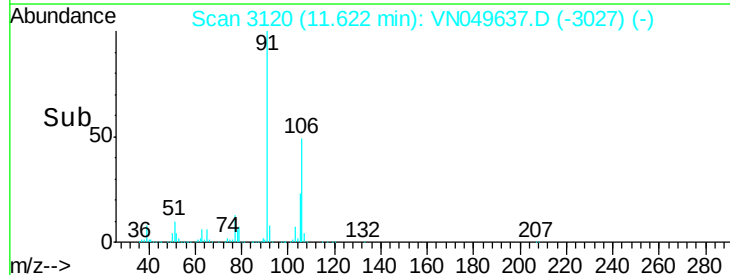
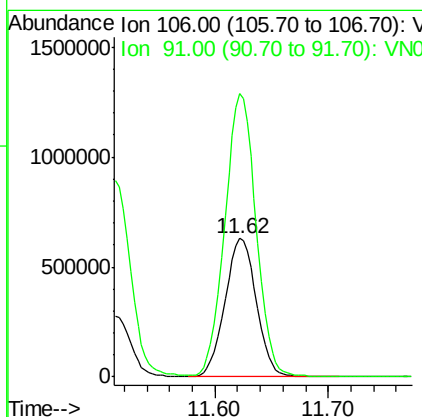
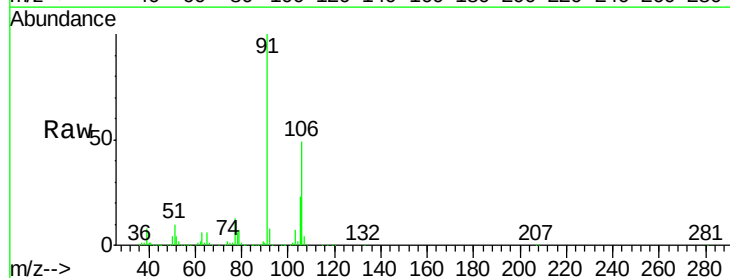
Manual Integrations
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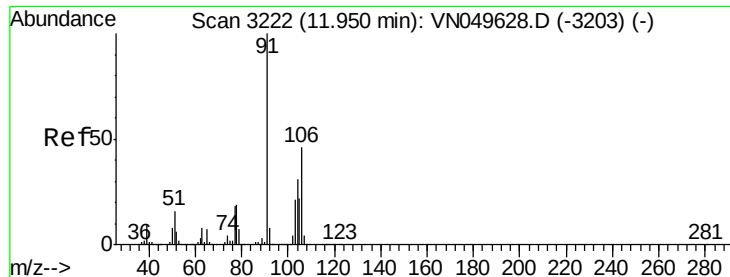
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#68
m/p-Xylenes
Concen: 41.49 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. 0.00 min
Lab File: VN049637.D
Acq: 29 Jun 2018 17:49

Tgt Ion: 106 Resp: 1214198
Ion Ratio Lower Upper
106 100
91 203.3 167.3 250.9





#69

o-Xylene

Concen: 20.84 ug/l

RT: 11.95 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN049637.D

Acq: 29 Jun 2018 17:49

Instrument :

MSVOA_N

ClientSampled :

VN0629WBS02

Tot Ion:106 Resp: 583914

Ion Ratio Lower Upper

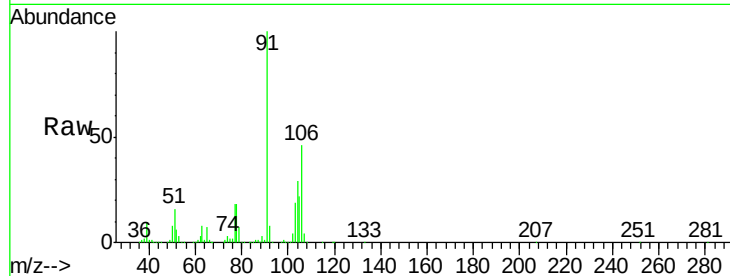
106 100

91 217.6 111.0 333.0

Manual Integrations
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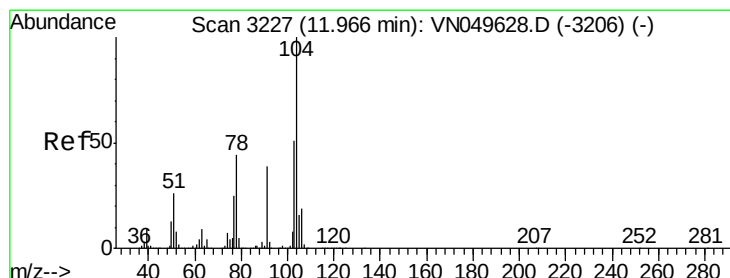
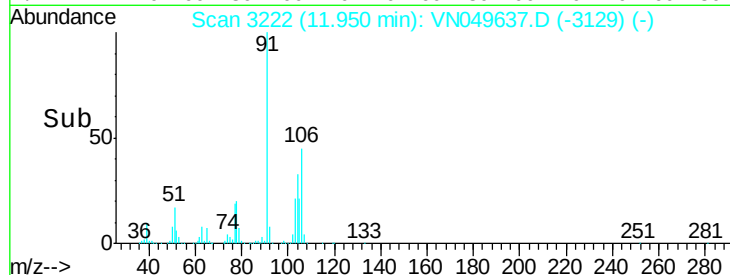
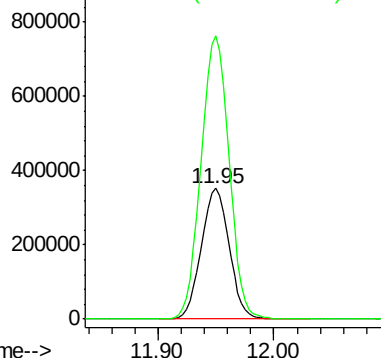
apatel

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#70

Styrene

Concen: 21.24 ug/l

RT: 11.97 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VN049637.D

Acq: 29 Jun 2018 17:49

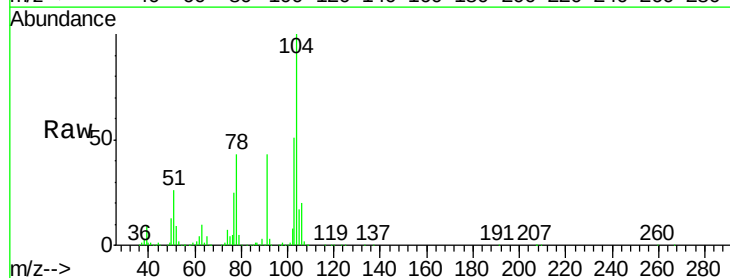
Tgt Ion:104 Resp: 963041

Ion Ratio Lower Upper

104 100

78 48.8 41.6 62.4

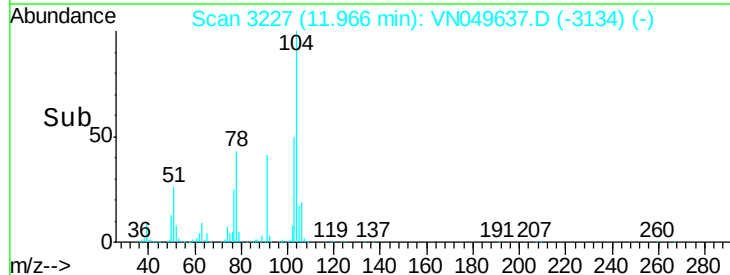
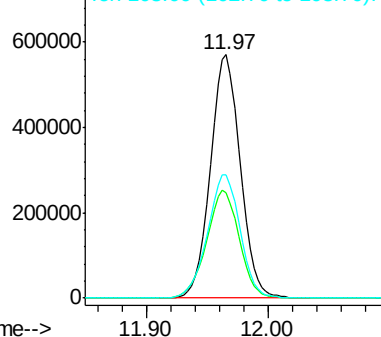
103 55.5 45.4 68.2

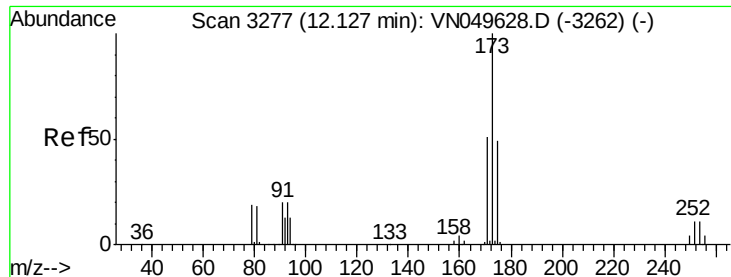


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V





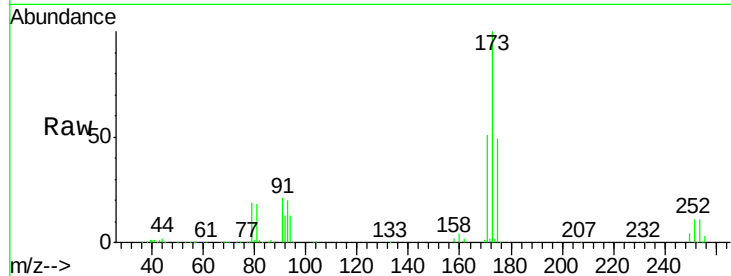
#71
Bromoform
Concen: 22.70 ug/l
RT: 12.13 min Scan# 3277
Delta R.T. 0.00 min
Lab File: VN049637.D
Acq: 29 Jun 2018 17:49

Instrument :
MSVOA_N
ClientSampled :
VN0629WBS02

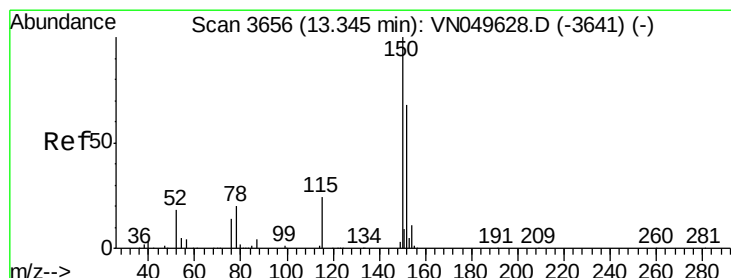
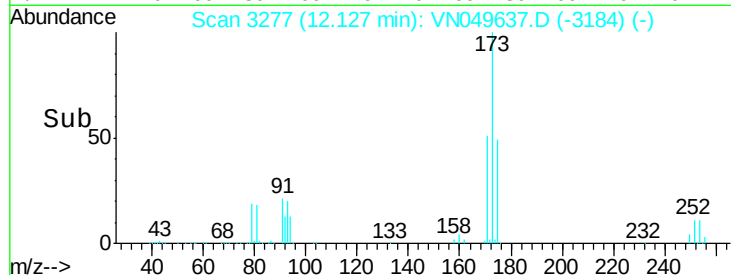
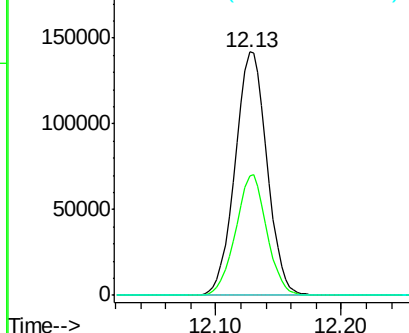
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.5	73.5
254	0.1	0.1	0.1#

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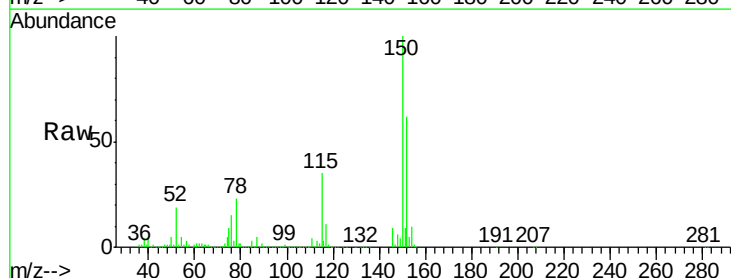


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

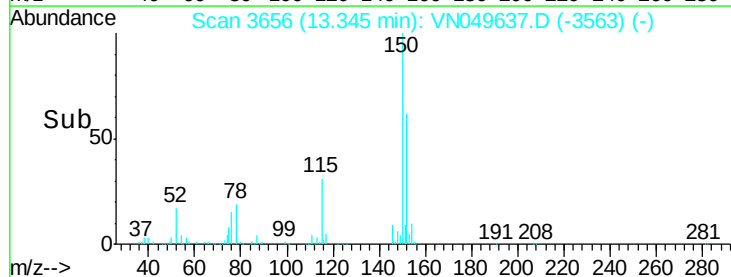
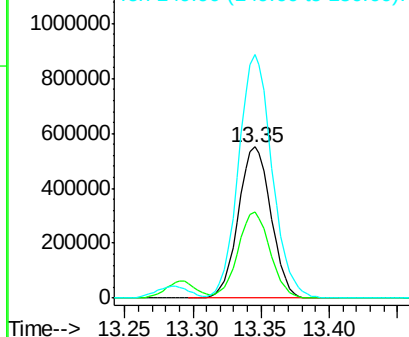


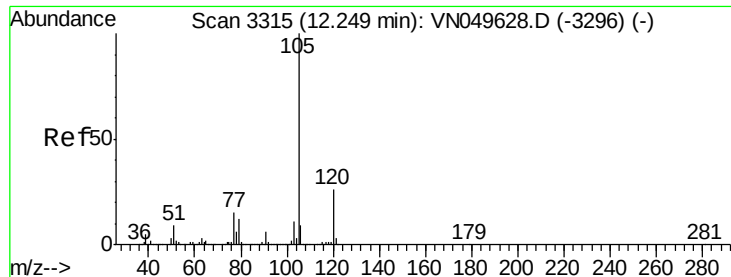
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049637.D
Acq: 29 Jun 2018 17:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.0	28.7	86.1
150	165.6	0.0	351.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





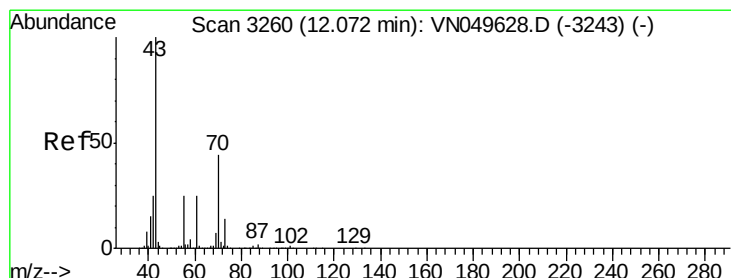
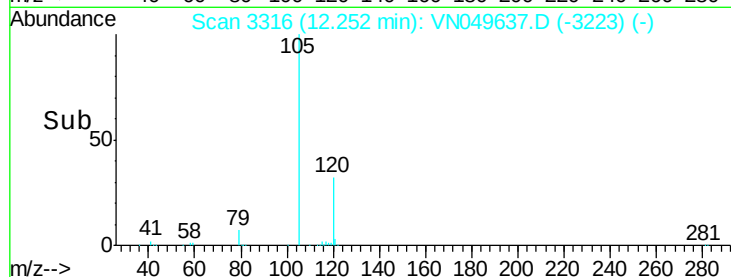
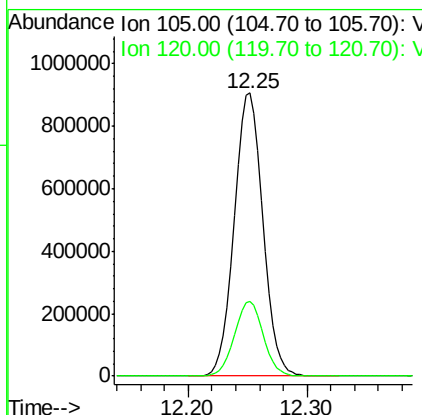
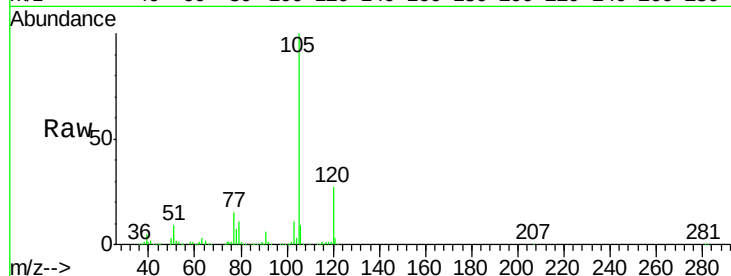
#73
Isopropylbenzene
Concen: 20.77 ug/l
RT: 12.25 min Scan# 3316
Delta R.T. 0.00 min
Lab File: VN049637.D
Acq: 29 Jun 2018 17:49

Instrument :
MSVOA_N
ClientSampled :
VN0629WBS02

Tot Ion:105 Resp: 1512825
Ion Ratio Lower Upper
105 100
120 26.6 12.8 38.3

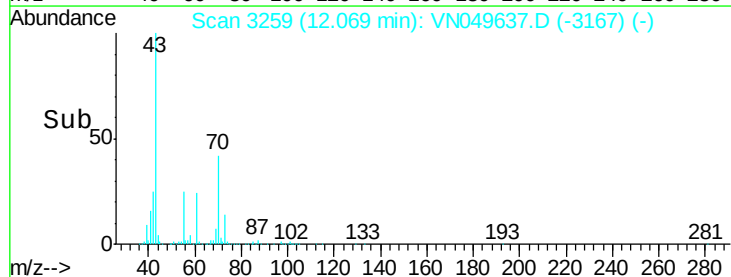
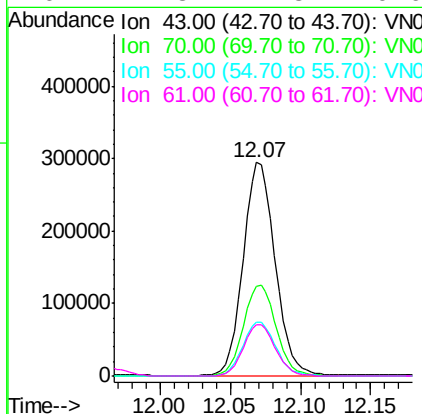
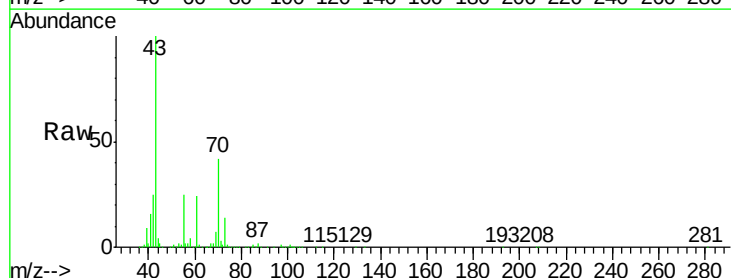
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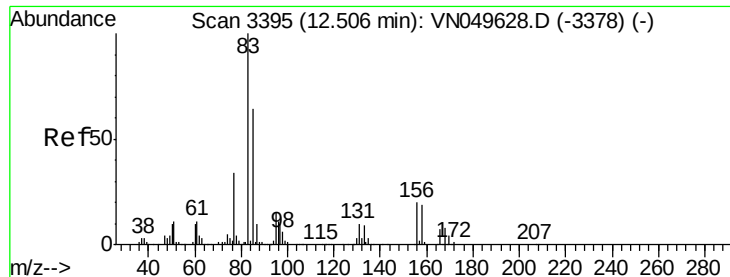
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#74
N-ethyl acetate
Concen: 23.55 ug/l
RT: 12.07 min Scan# 3259
Delta R.T. -0.00 min
Lab File: VN049637.D
Acq: 29 Jun 2018 17:49

Tgt Ion: 43 Resp: 468456
Ion Ratio Lower Upper
43 100
70 43.6 30.3 45.5
55 26.1 19.4 29.2
61 24.3 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 25.78 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049637.D

Acq: 29 Jun 2018 17:49

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBS02

Tot Ion: 83 Resp: 400108

Ion Ratio Lower Upper

83 100

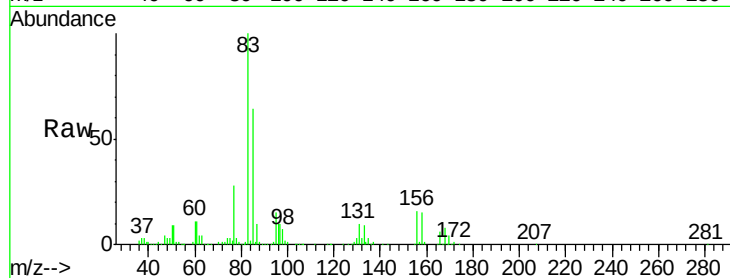
131 10.4 5.0 15.0

85 63.7 32.0 96.0

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Abundance Ion 82.90 (82.60 to 83.60): VN049637.D (-3301) (-)

Ion 130.80 (130.50 to 131.50): VN049637.D (-3301) (-)

Ion 84.90 (84.60 to 85.60): VN049637.D (-3301) (-)

12.51

250000

200000

150000

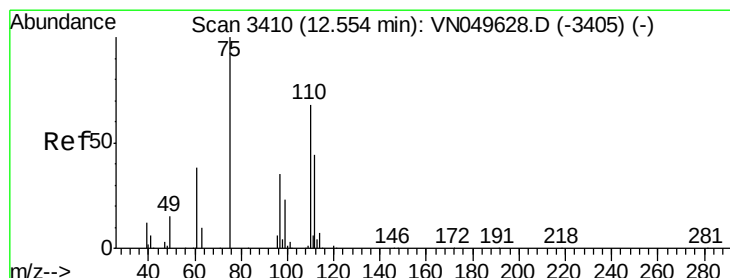
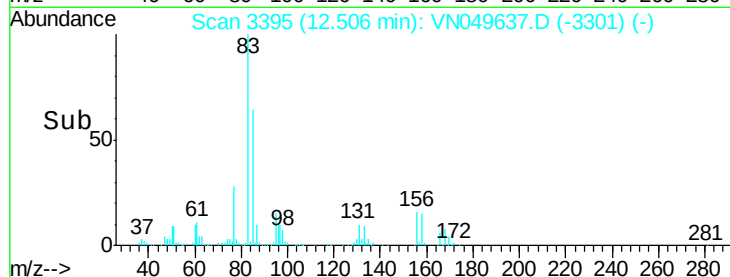
100000

50000

0

12.45 12.50 12.55

Time-->



#76

1,2,3-Trichloropropane

Concen: 24.91 ug/l m

RT: 12.56 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN049637.D

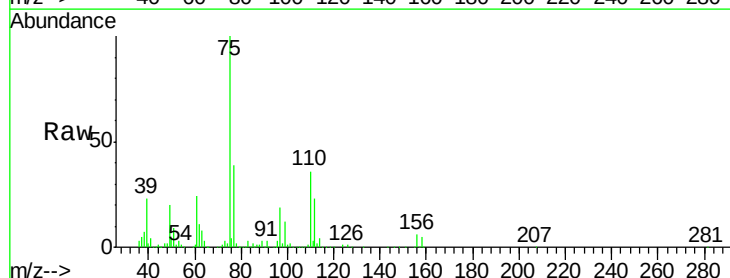
Acq: 29 Jun 2018 17:49

Tgt Ion: 75 Resp: 361674

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN049637.D (-3318) (-)

Ion 77.00 (76.70 to 77.70): VN049637.D (-3318) (-)

400000

300000

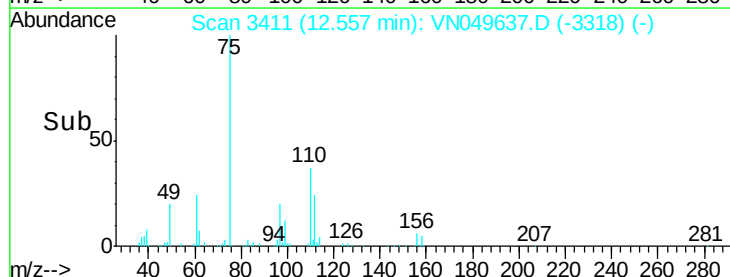
200000

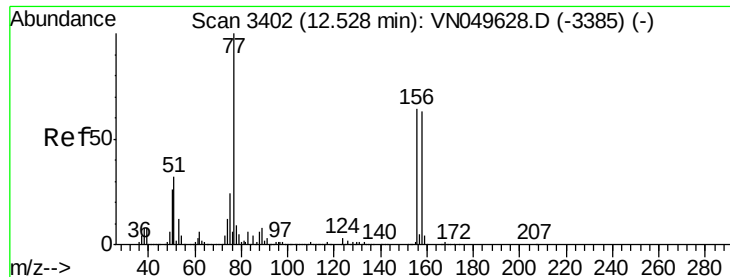
100000

0

12.55 12.60

Time-->





#77

Bromobenzene

Concen: 20.88 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049637.D

Acq: 29 Jun 2018 17:49

Instrument :

MSVOA_N

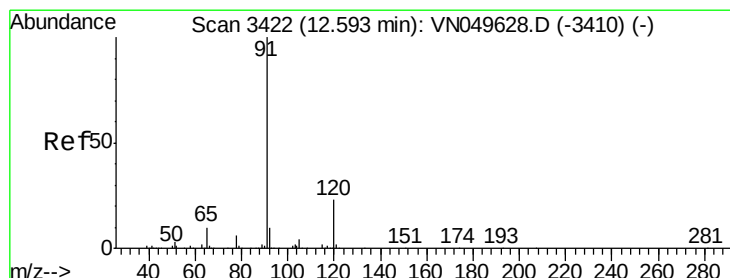
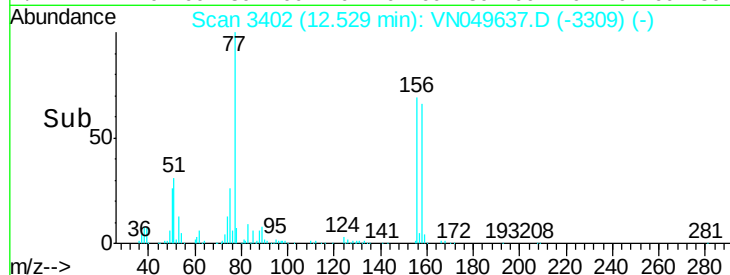
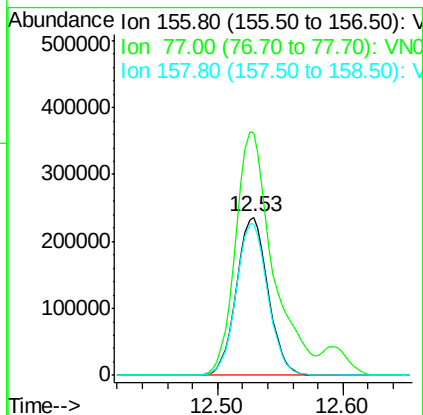
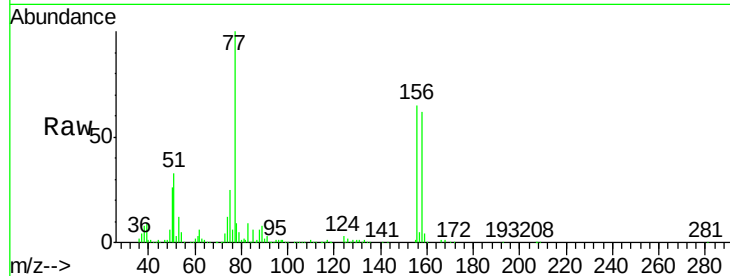
ClientSampleId :

VN0629WBS02

Tot Ion:	156	Resp:	413501
Ion Ratio	Lower	Upper	
156	100		
77	181.1	100.8	302.4
158	96.1	49.3	147.9

Manual Integrations
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#78

n-propylbenzene

Concen: 20.79 ug/l

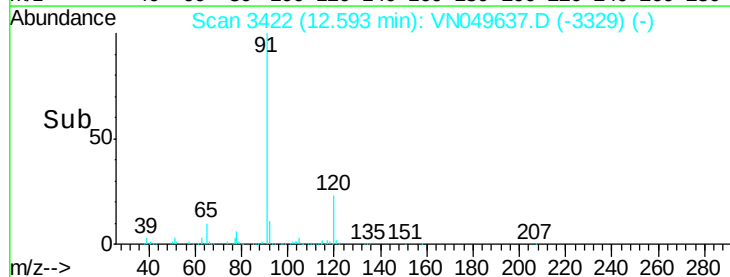
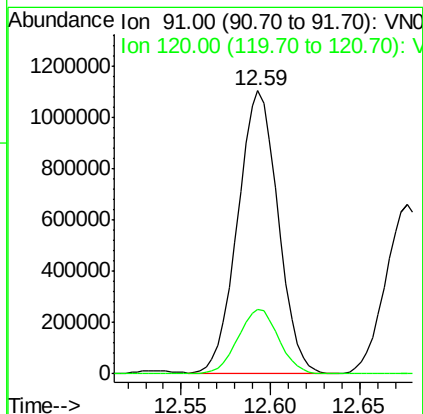
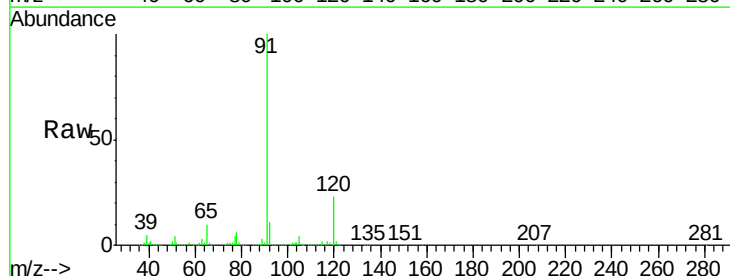
RT: 12.59 min Scan# 3422

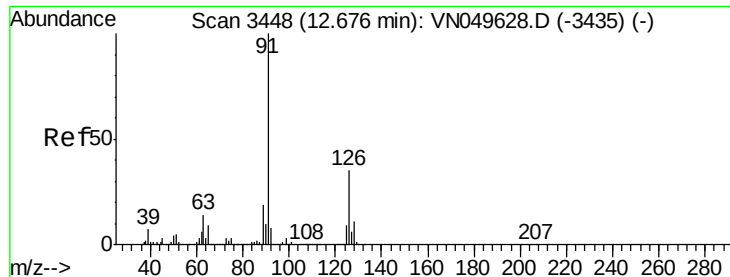
Delta R.T. 0.00 min

Lab File: VN049637.D

Acq: 29 Jun 2018 17:49

Tgt Ion:	91	Resp:	1735131
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.2	33.5





#79

2-Chlorotoluene

Concen: 20.36 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049637.D

Acq: 29 Jun 2018 17:49

Instrument :

MSVOA_N

ClientSampled :

VN0629WBS02

Tot Ion: 91 Resp: 1075466

Ion Ratio Lower Upper

91 100

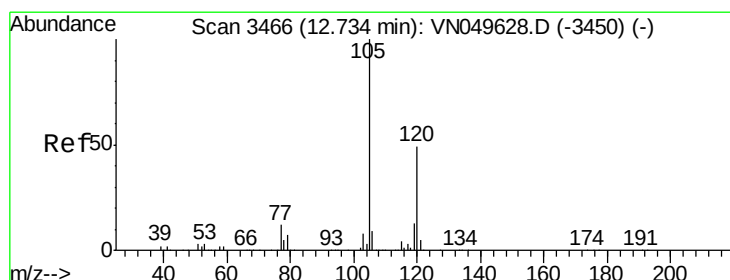
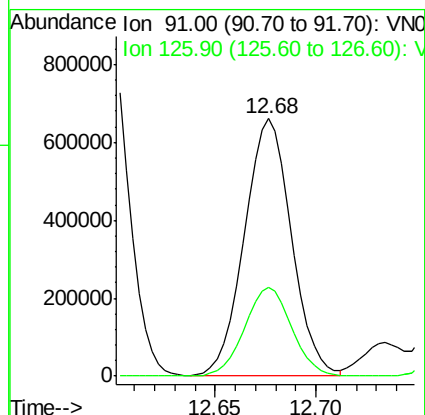
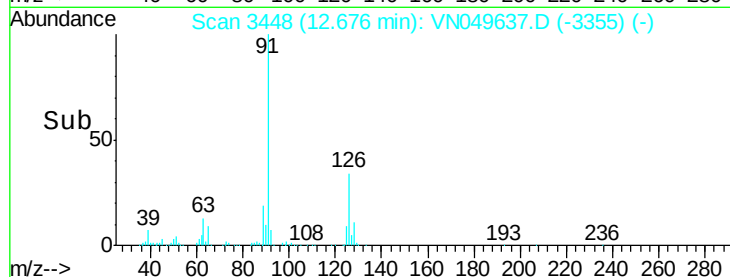
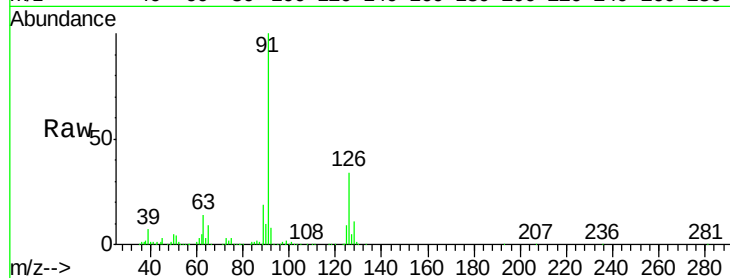
126 34.6 16.6 49.8

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 21.33 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049637.D

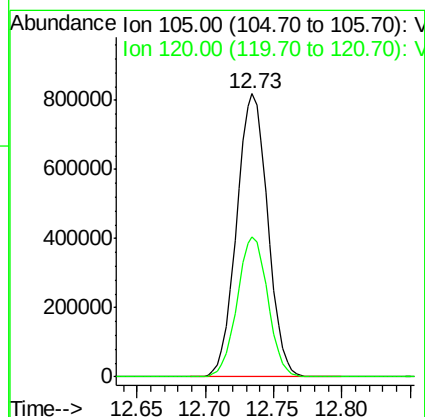
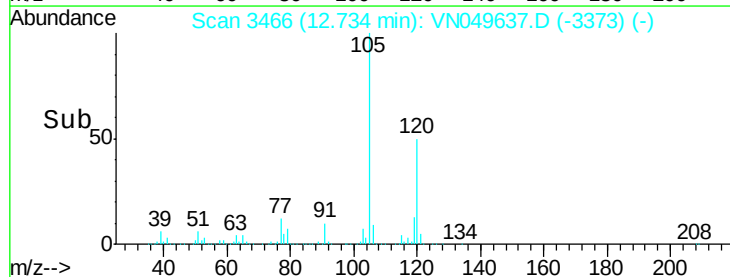
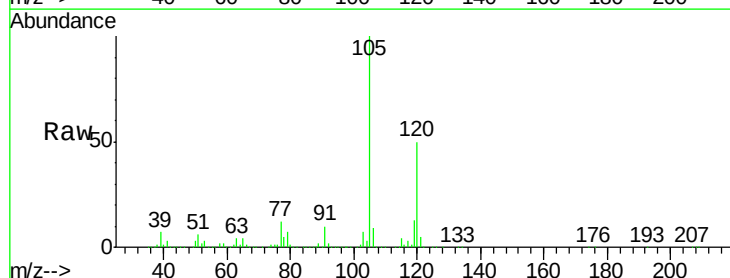
Acq: 29 Jun 2018 17:49

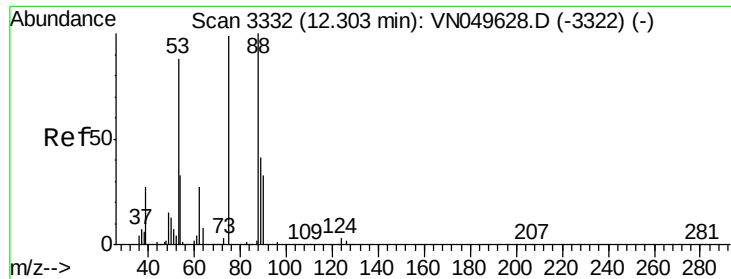
Tgt Ion: 105 Resp: 1290901

Ion Ratio Lower Upper

105 100

120 48.8 23.5 70.5





#81

trans-1,4-Dichloro-2-butene

Concen: 22.97 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN049637.D

Acq: 29 Jun 2018 17:49

Instrument :

MSVOA_N

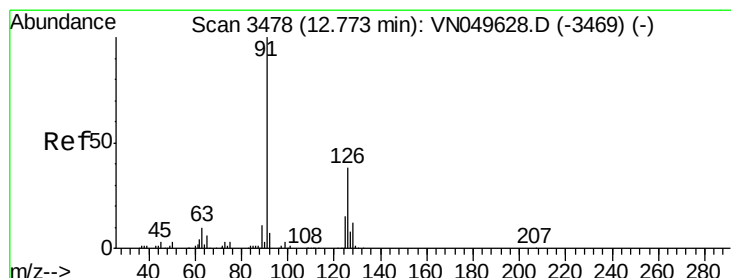
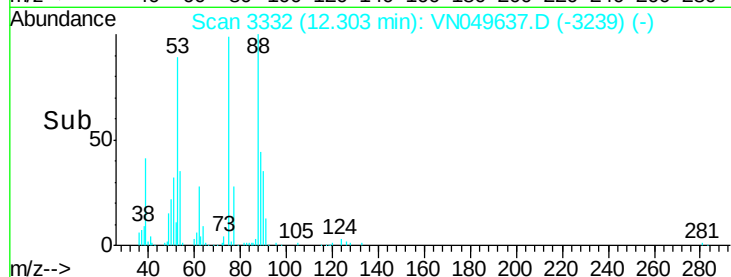
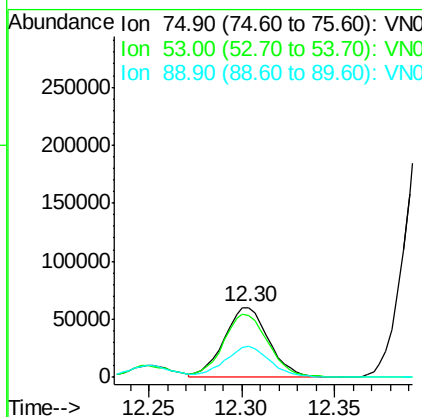
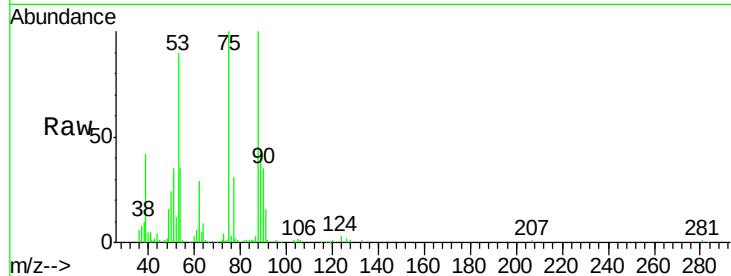
ClientSampled :

VN0629WBS02

Tot Ion:	75	Resp:	99190
Ion	Ratio	Lower	Upper
75	100		
53	93.0	82.7	124.1
89	45.2	36.5	54.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.66 ug/l

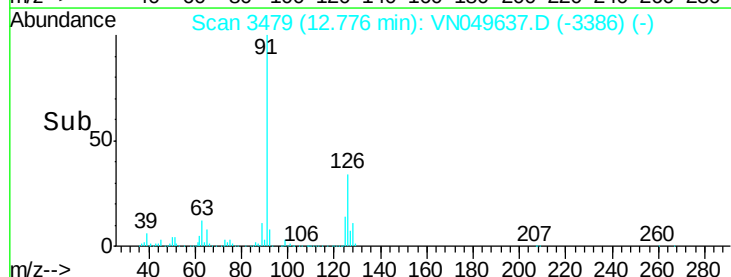
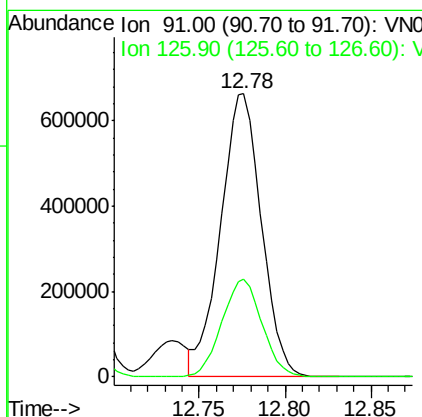
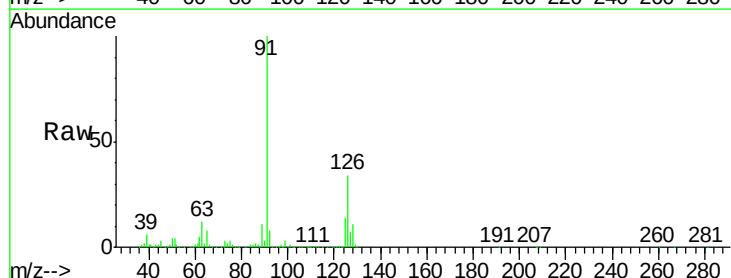
RT: 12.78 min Scan# 3479

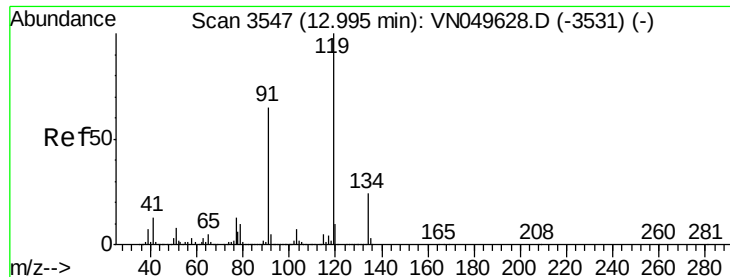
Delta R.T. 0.00 min

Lab File: VN049637.D

Acq: 29 Jun 2018 17:49

Tgt Ion:	91	Resp:	1097455
Ion	Ratio	Lower	Upper
91	100		
126	34.0	16.4	49.1





#83

tert-Butylbenzene

Concen: 20.59 ug/l

RT: 12.99 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN049637.D

Acq: 29 Jun 2018 17:49

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBS02

Tot Ion:119 Resp: 1070570

Ion Ratio Lower Upper

119 100

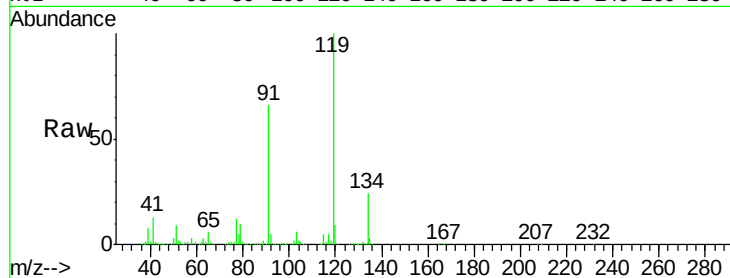
91 65.2 33.7 101.0

134 25.5 12.9 38.6

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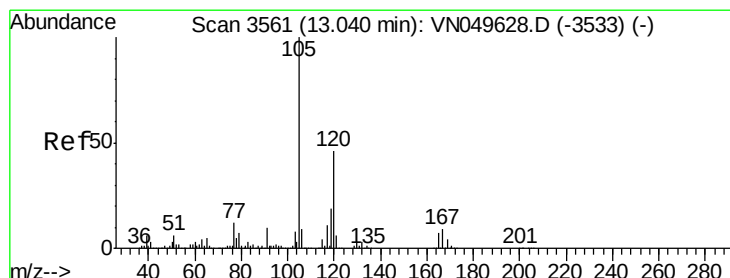
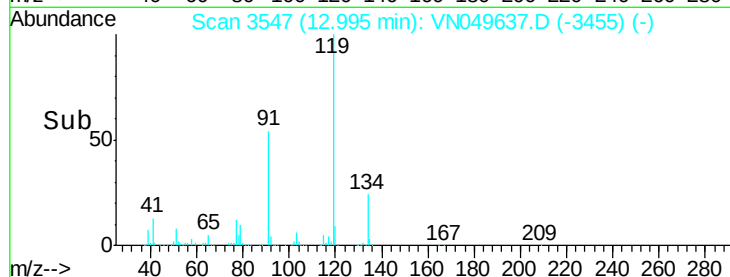
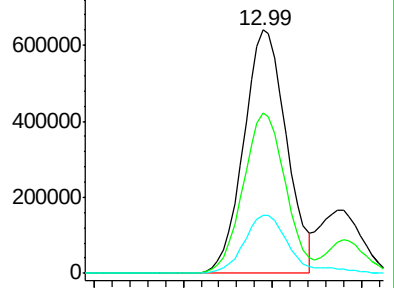
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Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.37 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. -0.00 min

Lab File: VN049637.D

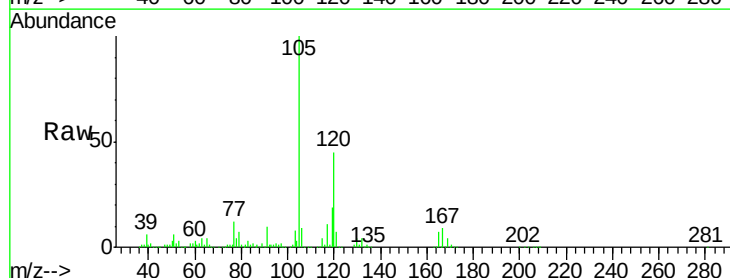
Acq: 29 Jun 2018 17:49

Tgt Ion:105 Resp: 1328888

Ion Ratio Lower Upper

105 100

120 45.0 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 167.00 (166.70 to 167.70): V

Ion 135.00 (134.70 to 135.70): V

Ion 202.00 (201.70 to 202.70): V

Ion 281.00 (280.70 to 281.70): V

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 167.00 (166.70 to 167.70): V

Ion 135.00 (134.70 to 135.70): V

Ion 202.00 (201.70 to 202.70): V

Ion 281.00 (280.70 to 281.70): V

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 167.00 (166.70 to 167.70): V

Ion 135.00 (134.70 to 135.70): V

Ion 202.00 (201.70 to 202.70): V

Ion 281.00 (280.70 to 281.70): V

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 167.00 (166.70 to 167.70): V

Ion 135.00 (134.70 to 135.70): V

Ion 202.00 (201.70 to 202.70): V

Ion 281.00 (280.70 to 281.70): V

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 167.00 (166.70 to 167.70): V

Ion 135.00 (134.70 to 135.70): V

Ion 202.00 (201.70 to 202.70): V

Ion 281.00 (280.70 to 281.70): V

Ion 105.00 (104.70 to 105.70): V

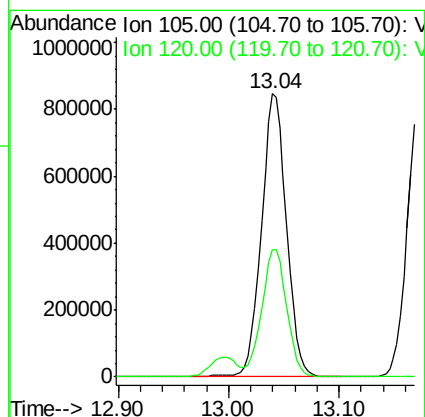
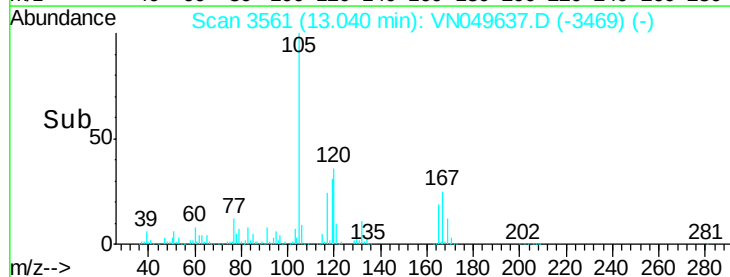
Ion 120.00 (119.70 to 120.70): V

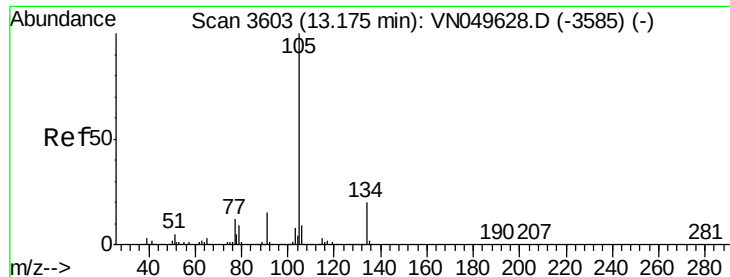
Ion 167.00 (166.70 to 167.70): V

Ion 135.00 (134.70 to 135.70): V

Ion 202.00 (201.70 to 202.70): V

Ion 281.00 (280.70 to 281.70): V





#85

sec-Butylbenzene

Concen: 20.58 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049637.D

Acq: 29 Jun 2018 17:49

Instrument :

MSVOA_N

ClientSampled :

VN0629WBS02

Tot Ion:105 Resp: 1417275

Ion Ratio Lower Upper

105 100

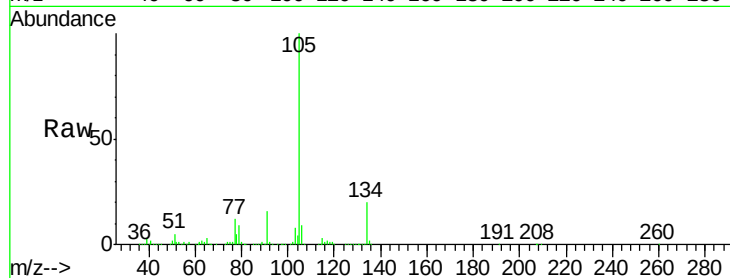
134 20.2 9.8 29.3

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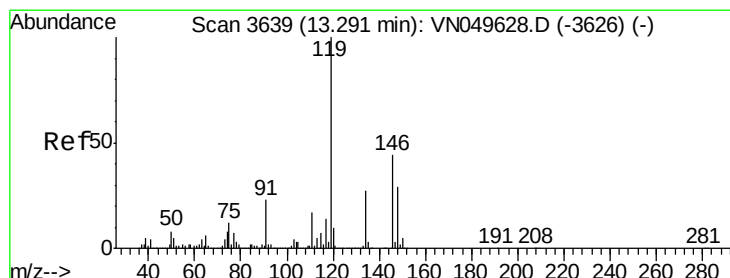
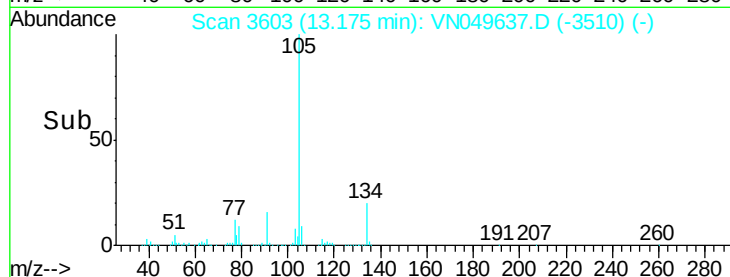
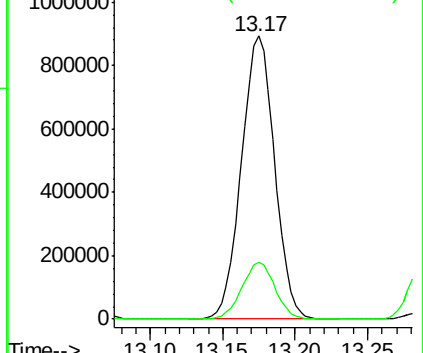
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.97 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN049637.D

Acq: 29 Jun 2018 17:49

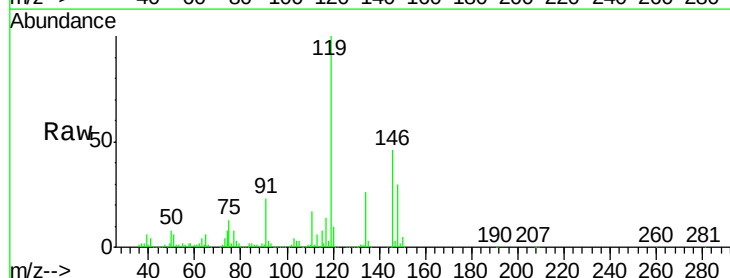
Tgt Ion:119 Resp: 1251434

Ion Ratio Lower Upper

119 100

134 26.4 12.9 38.6

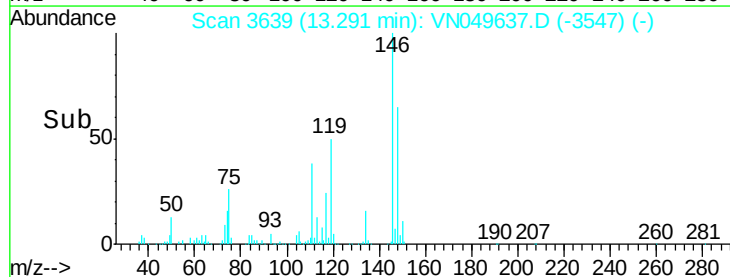
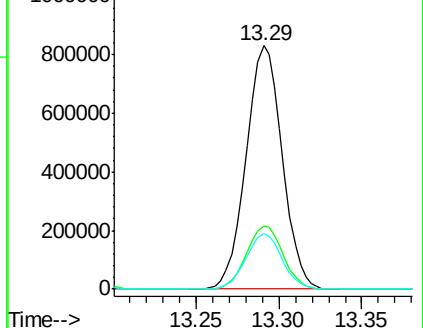
91 22.8 12.1 36.3

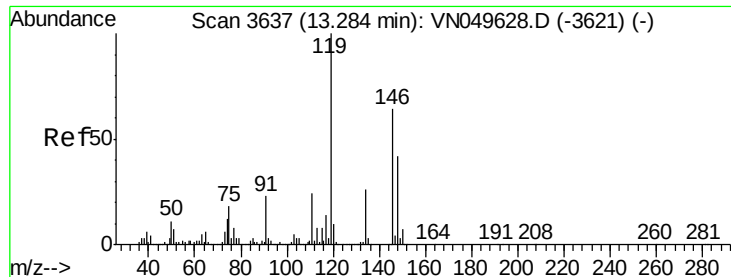


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.73 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. 0.00 min

Lab File: VN049637.D

Acq: 29 Jun 2018 17:49

Instrument :

MSVOA_N

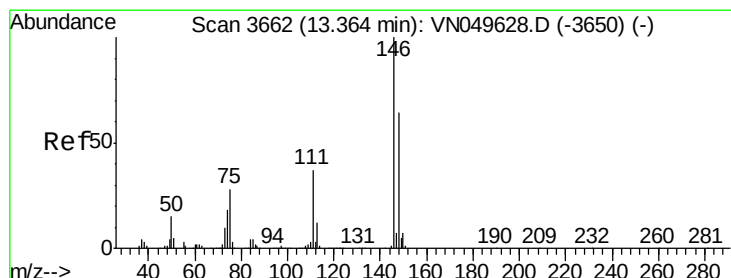
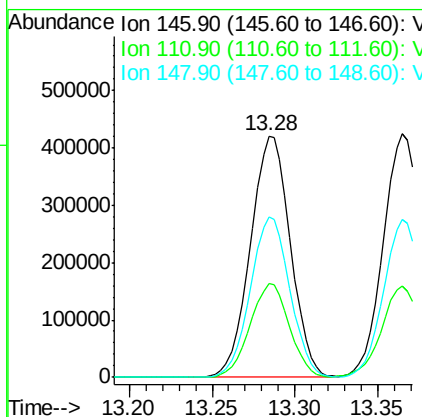
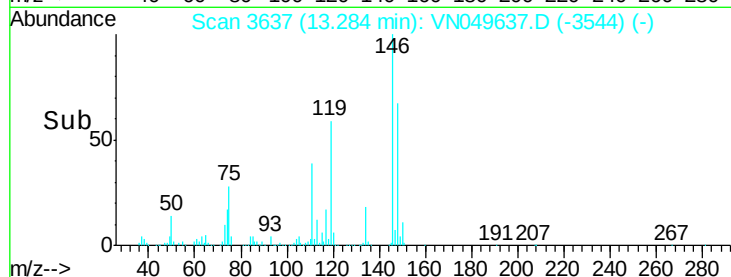
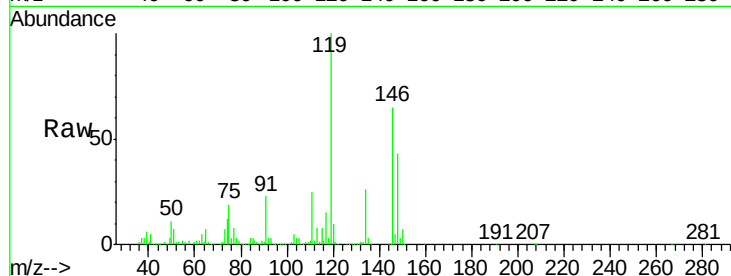
ClientSampled :

VN0629WBS02

Tot Ion:	146	Resp:	706404
Ion Ratio	Lower	Upper	
146	100		
111	38.2	19.9	59.6
148	65.7	32.1	96.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 20.91 ug/l

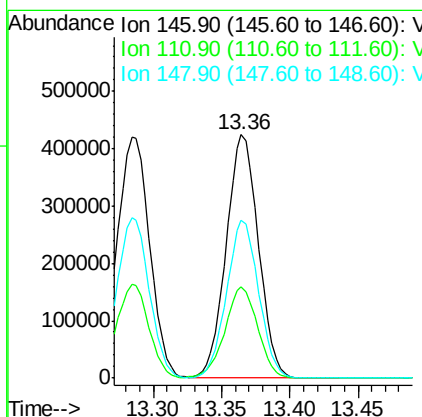
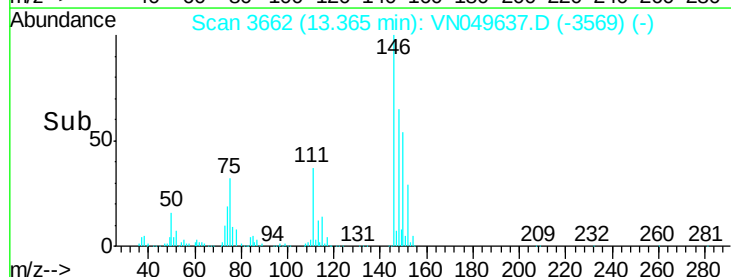
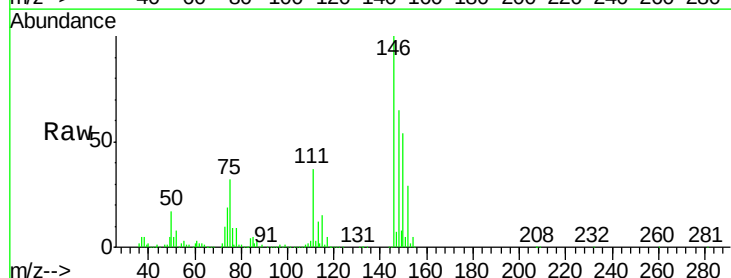
RT: 13.36 min Scan# 3662

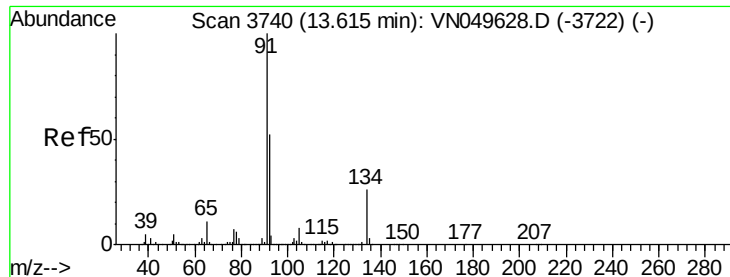
Delta R.T. -0.00 min

Lab File: VN049637.D

Acq: 29 Jun 2018 17:49

Tgt Ion:	146	Resp:	697169
Ion Ratio	Lower	Upper	
146	100		
111	37.9	19.1	57.1
148	64.5	32.0	96.2





#89

n-Butylbenzene

Concen: 19.28 ug/l

RT: 13.62 min Scan# 3740

Delta R.T. -0.00 min

Lab File: VN049637.D

Acq: 29 Jun 2018 17:49

Instrument :

MSVOA_N

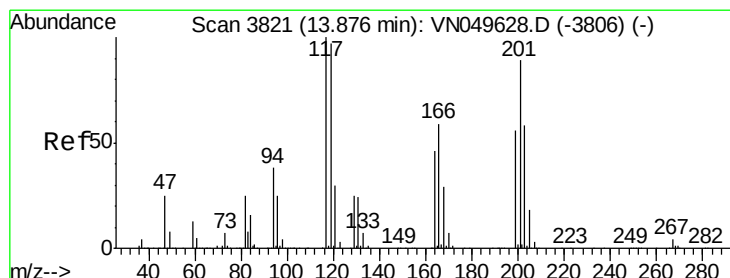
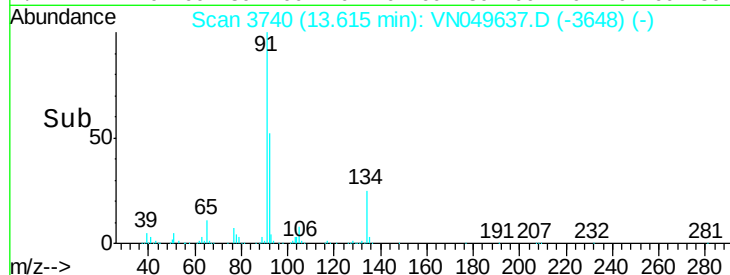
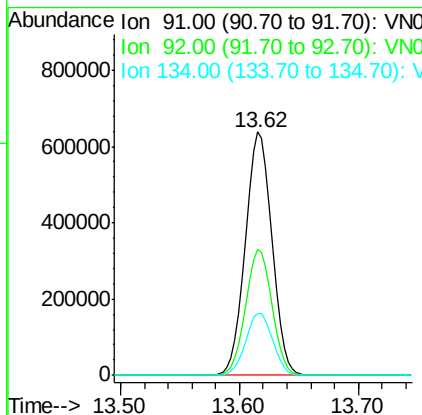
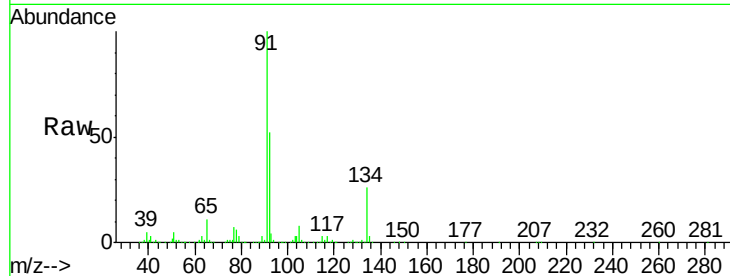
ClientSampleId :

VN0629WBS02

Tot Ion:	91	Resp:	984799
Ion	Ratio	Lower	Upper
91	100		
92	51.6	25.1	75.4
134	26.1	12.0	36.0

Manual Integrations
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#90

Hexachloroethane

Concen: 19.30 ug/l

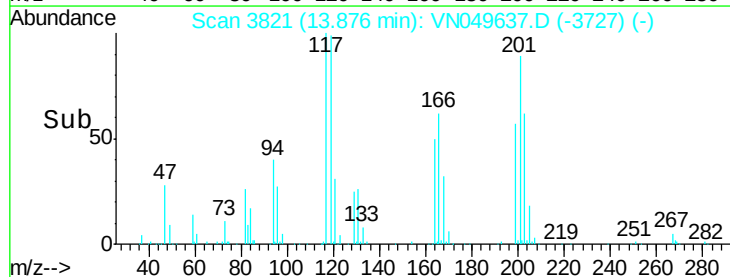
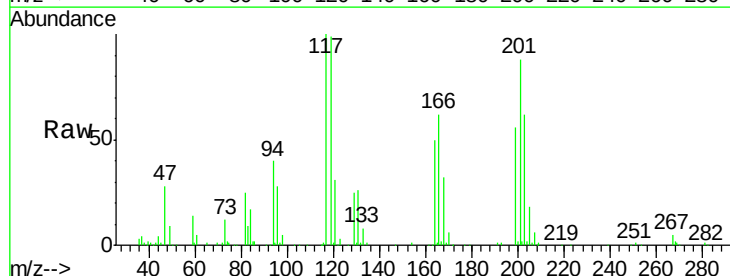
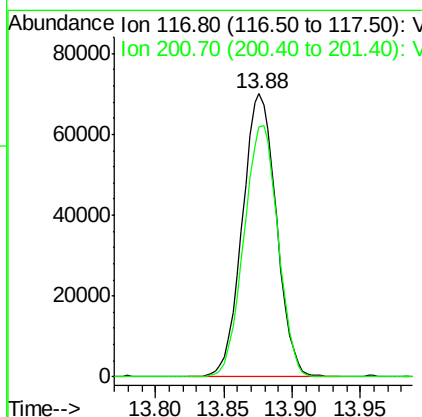
RT: 13.88 min Scan# 3821

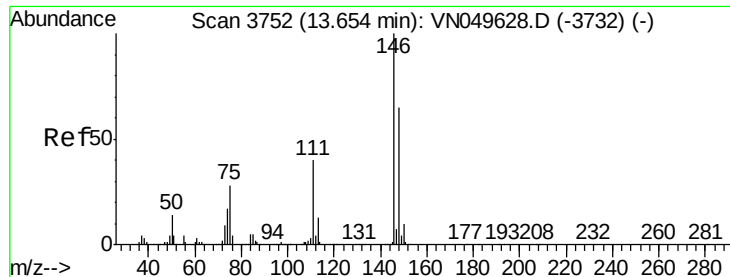
Delta R.T. 0.00 min

Lab File: VN049637.D

Acq: 29 Jun 2018 17:49

Tgt Ion:	117	Resp:	120969
Ion	Ratio	Lower	Upper
117	100		
201	88.9	40.1	120.2





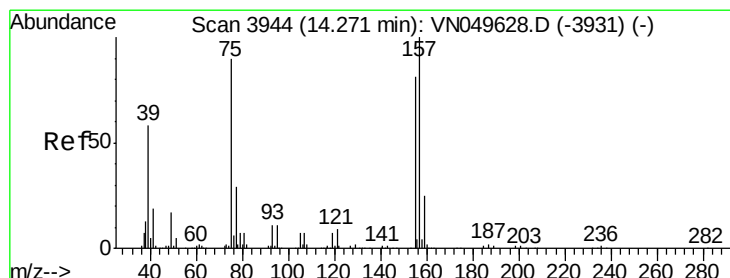
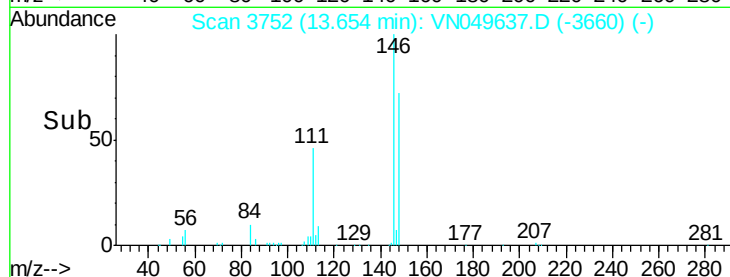
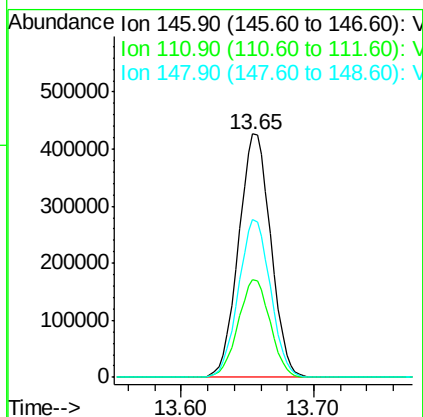
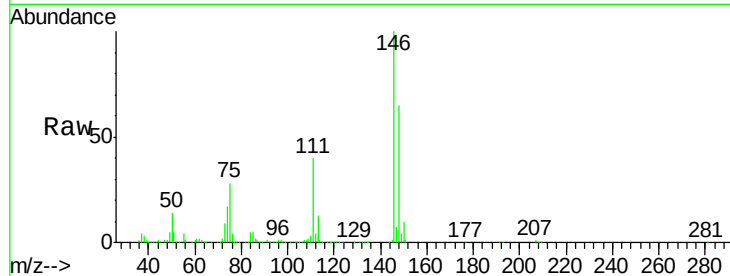
#91
 1,2-Dichlorobenzene
 Concen: 21.73 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. -0.00 min
 Lab File: VN049637.D
 Acq: 29 Jun 2018 17:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.8	62.2
148	64.3	32.0	96.2

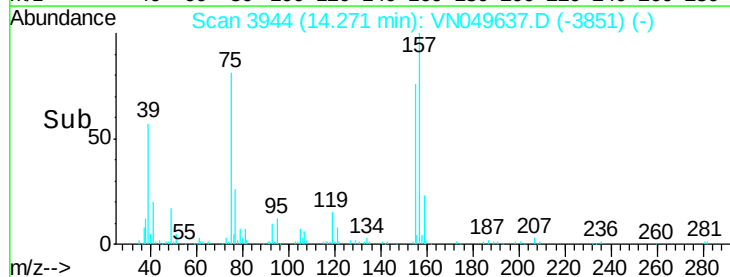
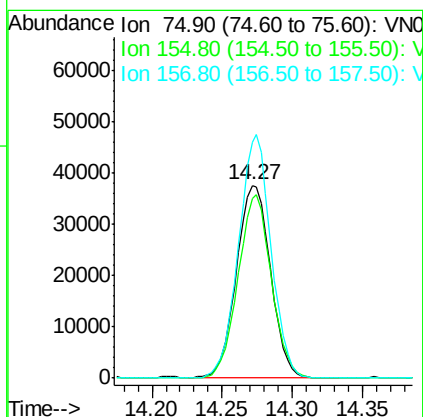
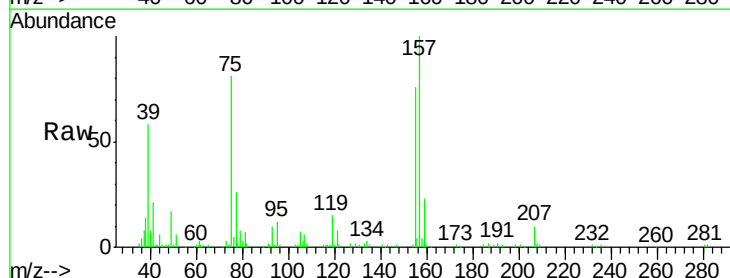
Manual Integrations
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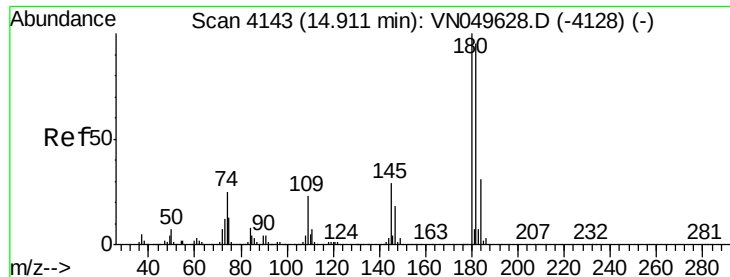
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 24.74 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN049637.D
 Acq: 29 Jun 2018 17:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.1	38.8	116.3
157	119.2	51.0	153.1





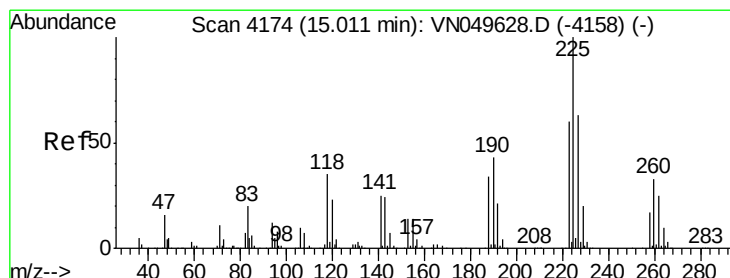
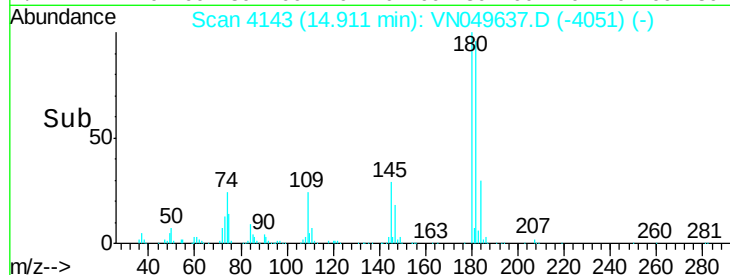
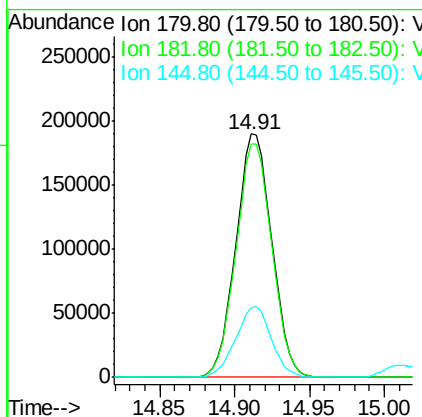
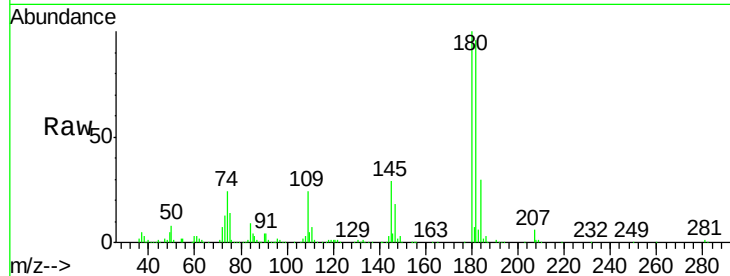
#93
 1,2,4-Trichlorobenzene
 Concen: 20.34 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN049637.D
 Acq: 29 Jun 2018 17:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	317443		
182	95.9	46.9	140.8	
145	28.9	14.7	44.1	

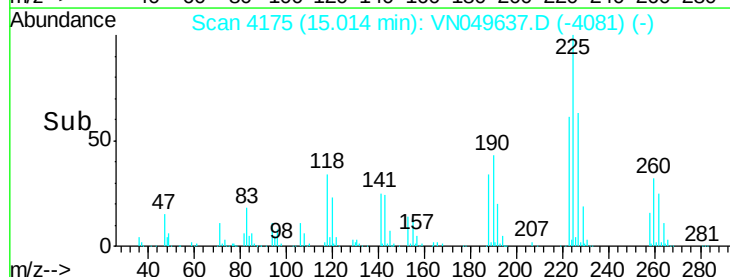
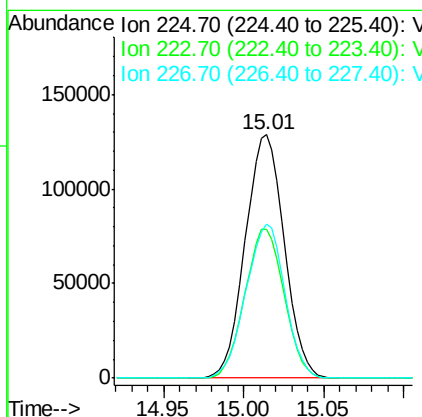
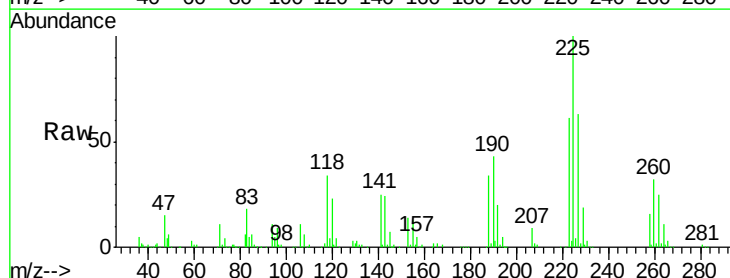
Manual Integrations
 APPROVED

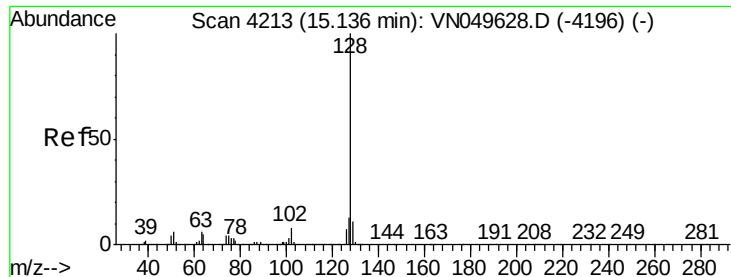
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#94
 Hexachlorobutadiene
 Concen: 20.81 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049637.D
 Acq: 29 Jun 2018 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	214768		
223	61.6	32.1	96.3	
227	63.3	31.8	95.3	





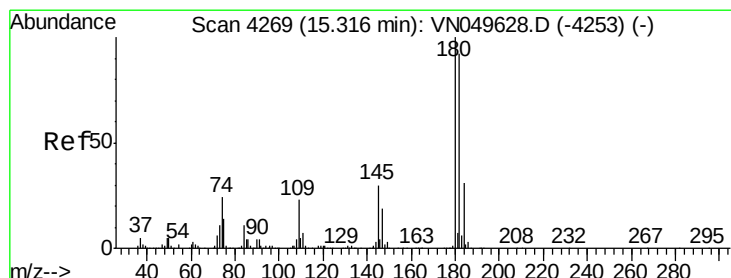
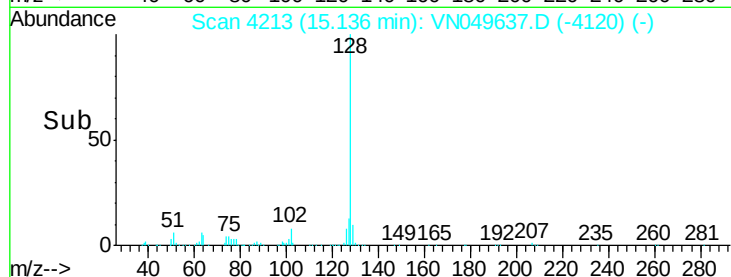
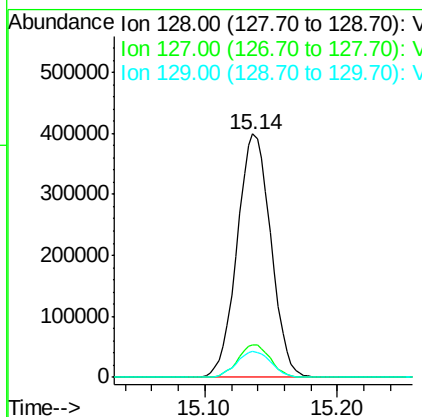
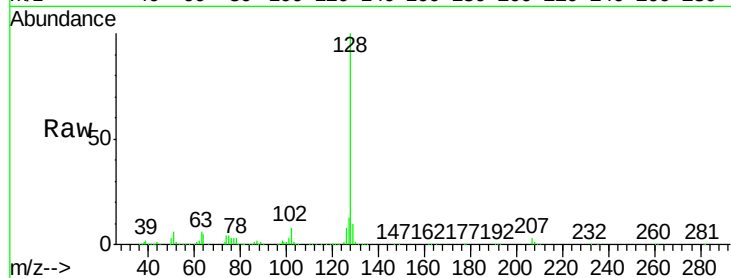
#95
Naphthalene
Concen: 22.11 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049637.D
Acq: 29 Jun 2018 17:49

Instrument :
MSVOA_N
ClientSampled :
VN0629WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	16.0
129	10.9	8.5	12.7

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 21.21 ug/l
RT: 15.32 min Scan# 4270
Delta R.T. 0.00 min
Lab File: VN049637.D
Acq: 29 Jun 2018 17:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.3	141.8
145	30.7	15.6	46.7

