

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080618\
 Data File : VN050375.D
 Acq On : 6 Aug 2018 11:10
 Operator : MD\SY
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 8/7/2018 9:57:08 AM

Quant Time: Aug 06 13:41:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 06 12:50:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	605372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	936066	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	829895	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	367027	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	7066	0.81	ug/l	97
3) Chloromethane	2.06	50	12182m	1.29	ug/l	
4) Vinyl Chloride	2.18	62	8989	0.90	ug/l #	88
5) Bromomethane	2.56	94	9253m	1.51	ug/l	
6) Chloroethane	2.70	64	5825	0.97	ug/l	96
7) Trichlorofluoromethane	3.01	101	11614	0.90	ug/l	97
8) Diethyl Ether	3.41	74	4015	0.93	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	3.76	101	7334	0.95	ug/l #	55
12) 1,1-Dichloroethene	3.74	96	7207	1.03	ug/l	96
14) Allyl chloride	4.32	41	10600	0.98	ug/l	96
15) Acrylonitrile	4.99	53	13113	4.84	ug/l	99
16) Acetone	3.82	43	17251	7.83	ug/l	92
17) Carbon Disulfide	4.05	76	26703	1.25	ug/l	97
18) Methyl Acetate	4.33	43	11898m	1.18	ug/l	
19) Methyl tert-butyl Ether	5.05	73	17342	0.93	ug/l	99
20) Methylene Chloride	4.55	84	15152	1.79	ug/l	92
21) trans-1,2-Dichloroethene	5.05	96	7391	1.00	ug/l #	81
22) Diisopropyl ether	5.95	45	19071	0.89	ug/l #	75
23) Vinyl Acetate	5.90	43	64824	4.28	ug/l	95
24) 1,1-Dichloroethane	5.84	63	13433	0.96	ug/l	98
25) 2-Butanone	6.84	43	18864	5.86	ug/l	92
26) 2,2-Dichloropropane	6.82	77	12051	1.13	ug/l #	69
27) cis-1,2-Dichloroethene	6.82	96	7857	0.99	ug/l	92
28) Bromochloromethane	7.20	49	6513	1.02	ug/l #	99
29) Tetrahydrofuran	7.22	42	10648	5.11	ug/l #	66
30) Chloroform	7.37	83	13097	0.91	ug/l	89
31) Cyclohexane	7.66	56	19807	1.47	ug/l #	27
32) 1,1,1-Trichloroethane	7.57	97	11168	0.91	ug/l #	50
36) 1,1-Dichloropropene	7.79	75	8960	0.85	ug/l	95
37) Ethyl Acetate	6.93	43	6453	0.88	ug/l #	89
38) Carbon Tetrachloride	7.77	117	11409	1.02	ug/l	87
39) Methylcyclohexane	9.08	83	9969	0.92	ug/l	94
40) Benzene	8.04	78	30154	0.94	ug/l	96
41) Methacrylonitrile	7.19	41	3645m	1.06	ug/l	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 1,2-Dichloroethane	8.13	62	9910	0.93	ug/l	94
43) Isopropyl Acetate	8.16	43	10920	0.61	ug/l #	79
44) Trichloroethene	8.83	130	8864	1.03	ug/l	84
45) 1,2-Dichloropropane	9.12	63	8006	0.94	ug/l	94
46) Dibromomethane	9.21	93	4866	0.92	ug/l	95
47) Bromodichloromethane	9.40	83	10357	0.93	ug/l	98
48) Methyl methacrylate	9.20	41	5813	0.92	ug/l	90
49) 1,4-Dioxane	9.20	88	2041	23.68	ug/l #	86
51) 4-Methyl-2-Pentanone	9.99	43	37883	5.24	ug/l	95
52) Toluene	10.15	92	15992	0.84	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	8977	0.85	ug/l	92
54) cis-1,3-Dichloropropene	9.84	75	9800	0.82	ug/l	93
55) 1,1,2-Trichloroethane	10.56	97	7015	0.93	ug/l	97
56) Ethyl methacrylate	10.43	69	6690	0.75	ug/l	93
57) 1,3-Dichloropropane	10.71	76	11141	0.91	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.69	63	15791	3.82	ug/l	97
59) 2-Hexanone	10.75	43	26652	5.59	ug/l	86
60) Dibromochloromethane	10.90	129	7676	0.92	ug/l	97
61) 1,2-Dibromoethane	11.01	107	6072	0.81	ug/l	88
64) Tetrachloroethene	10.63	164	7891	0.99	ug/l	93
65) Chlorobenzene	11.43	112	22219	1.06	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	7636	0.95	ug/l #	65
67) Ethyl Benzene	11.51	91	29042	0.86	ug/l	99
68) m/p-Xylenes	11.63	106	20575	1.62	ug/l	100
69) o-Xylene	11.95	106	10088	0.83	ug/l	96
70) Styrene	11.97	104	14886	0.78	ug/l	97
71) Bromoform	12.13	173	4834	0.83	ug/l #	97
73) Isopropylbenzene	12.25	105	25639	0.90	ug/l	99
74) N-amyl acetate	12.07	43	8538	0.98	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	12.51	83	8881	1.02	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	7407m	1.09	ug/l	
77) Bromobenzene	12.53	156	7641	0.97	ug/l	91
78) n-propylbenzene	12.59	91	27710	0.87	ug/l	99
79) 2-Chlorotoluene	12.68	91	19213	0.97	ug/l	93
80) 1,3,5-Trimethylbenzene	12.73	105	18502	0.83	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	1461	0.68	ug/l #	81
82) 4-Chlorotoluene	12.77	91	17553	0.90	ug/l	96
83) tert-Butylbenzene	12.99	119	17856	0.91	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	17808	0.79	ug/l	98
85) sec-Butylbenzene	13.17	105	23745	0.91	ug/l	99
86) p-Isopropyltoluene	13.29	119	18311	0.83	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	13506	1.01	ug/l	95
88) 1,4-Dichlorobenzene	13.36	146	14427m	1.11	ug/l	
89) n-Butylbenzene	13.62	91	18879	1.04	ug/l	95
90) Hexachloroethane	13.88	117	4746	0.97	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	14560	1.09	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	1654	1.18	ug/l	71
93) 1,2,4-Trichlorobenzene	14.91	180	6821	1.16	ug/l	95
94) Hexachlorobutadiene	15.01	225	9800	2.39	ug/l	95
95) Naphthalene	15.13	128	14079	1.06	ug/l	95

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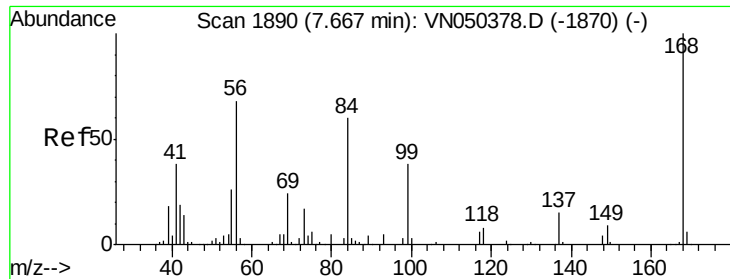
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.32	180	7890	1.32	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VN050375.D

Acq: 6 Aug 2018 11:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 605372

Ion Ratio Lower Upper

168 100

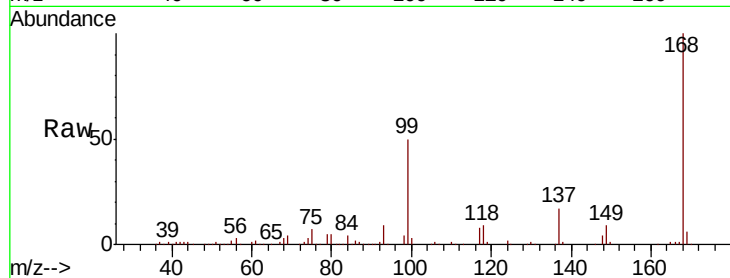
99 49.5 40.0 60.0

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Abundance Ion 167.90 (167.60 to 168.60): VN050378.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050378.D (-1870) (-)

7.66

250000

200000

150000

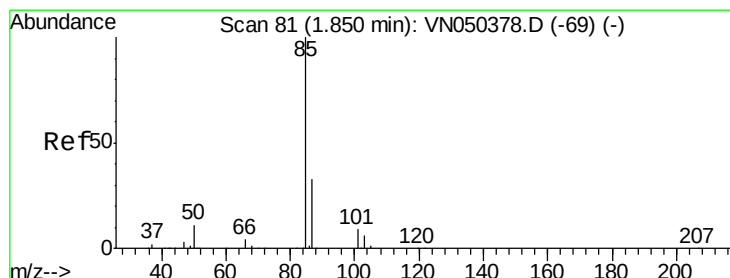
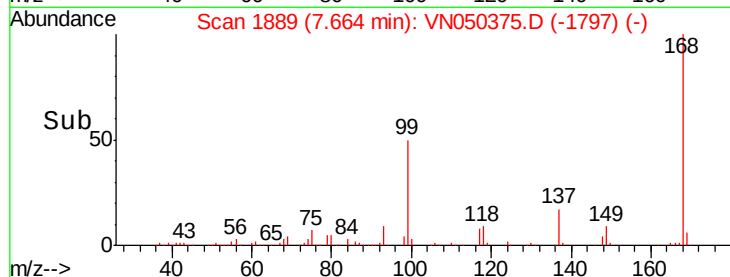
100000

50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 0.81 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN050375.D

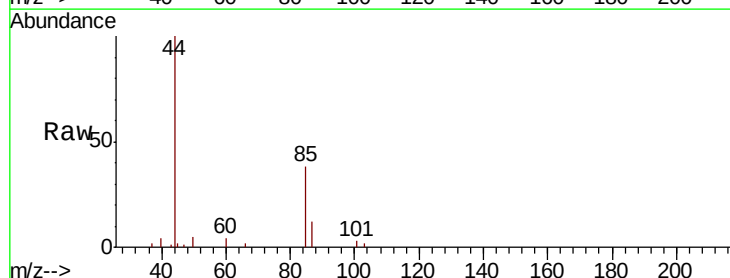
Acq: 6 Aug 2018 11:10

Tgt Ion: 85 Resp: 7066

Ion Ratio Lower Upper

85 100

87 30.3 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN050378.D (-69) (-)

Ion 86.90 (86.60 to 87.60): VN050378.D (-69) (-)

1.85

5000

4000

3000

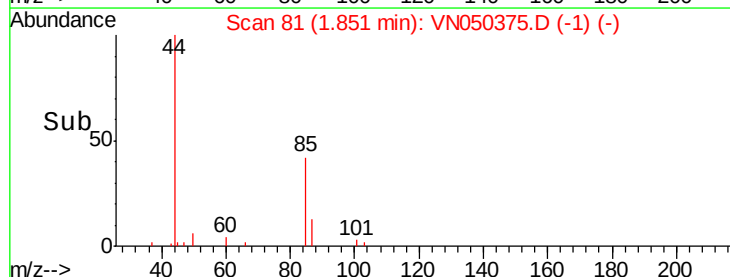
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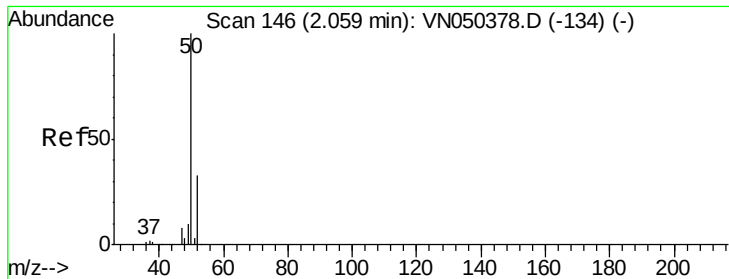
1000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 1.29 ug/l m

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050375.D

Acq: 6 Aug 2018 11:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 12182

Ion Ratio Lower Upper

50 100

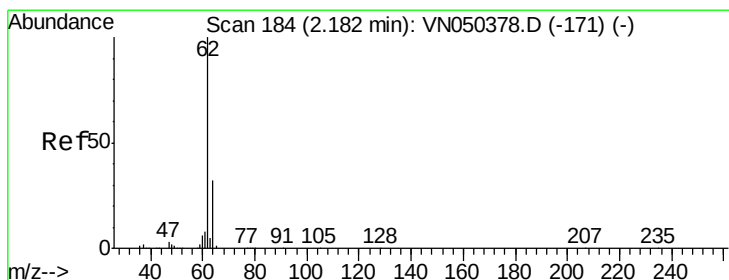
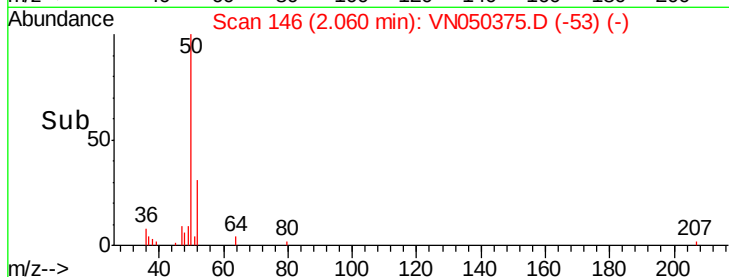
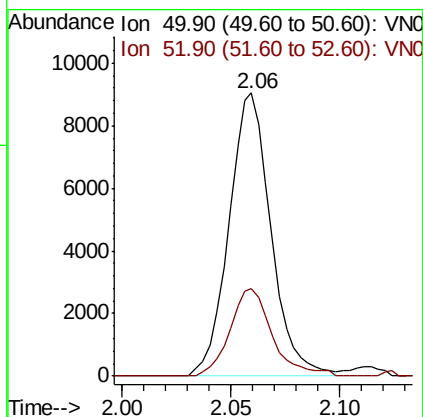
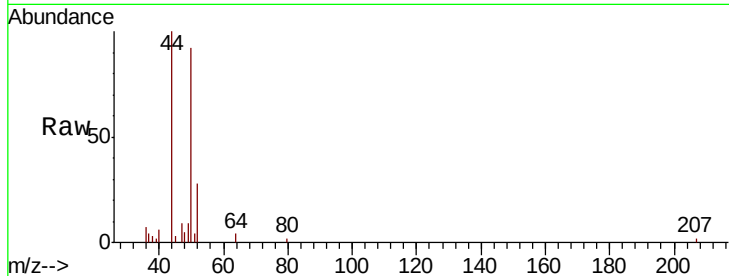
52 30.7 25.9 38.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 0.90 ug/l

RT: 2.18 min Scan# 184

Delta R.T. 0.00 min

Lab File: VN050375.D

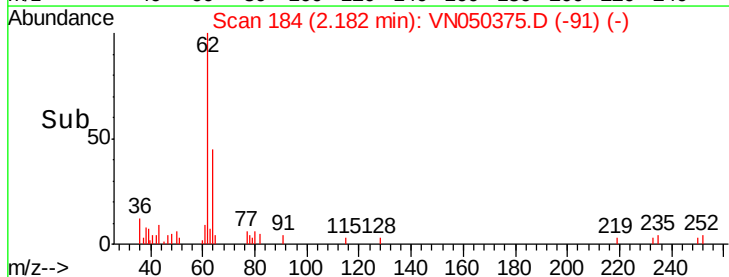
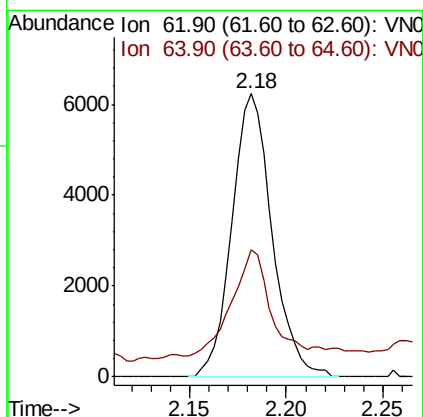
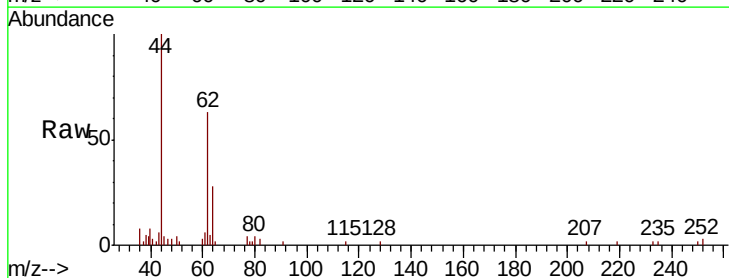
Acq: 6 Aug 2018 11:10

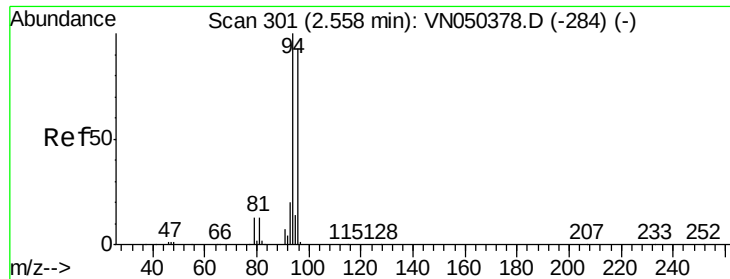
Tgt Ion: 62 Resp: 8989

Ion Ratio Lower Upper

62 100

64 37.6 24.7 37.1#





#5

Bromomethane

Concen: 1.51 ug/l m

RT: 2.56 min Scan# 303

Delta R.T. 0.01 min

Lab File: VN050375.D

Acq: 6 Aug 2018 11:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 94 Resp: 9253

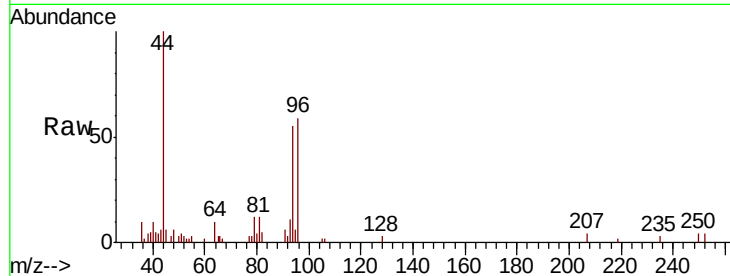
Ion Ratio Lower Upper

94 100

96 106.2 74.6 112.0

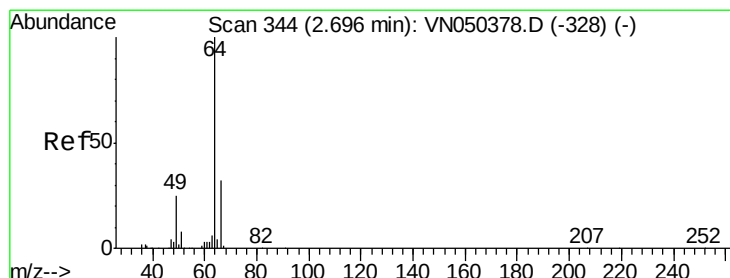
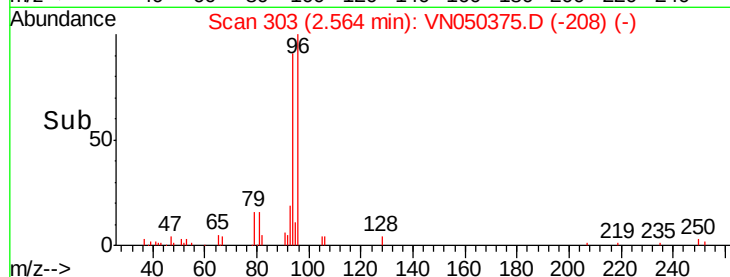
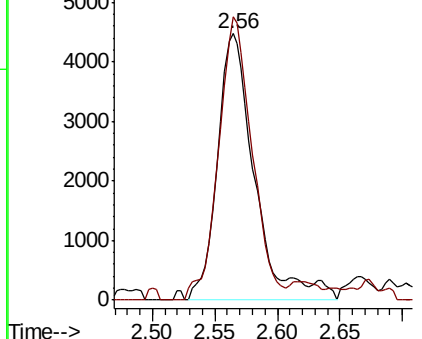
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 0.97 ug/l

RT: 2.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VN050375.D

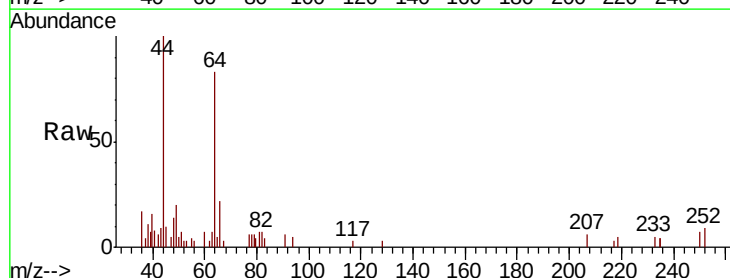
Acq: 6 Aug 2018 11:10

Tgt Ion: 64 Resp: 5825

Ion Ratio Lower Upper

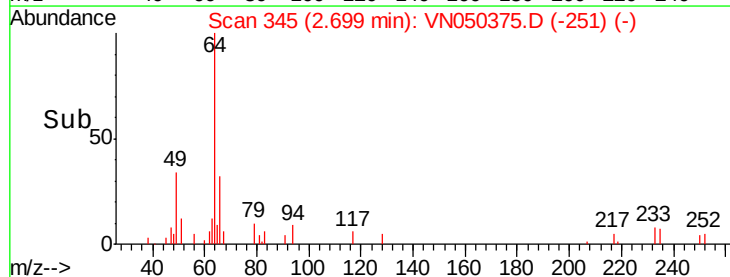
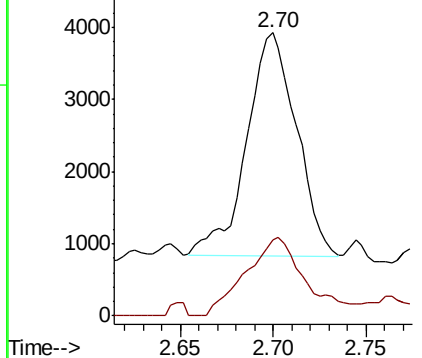
64 100

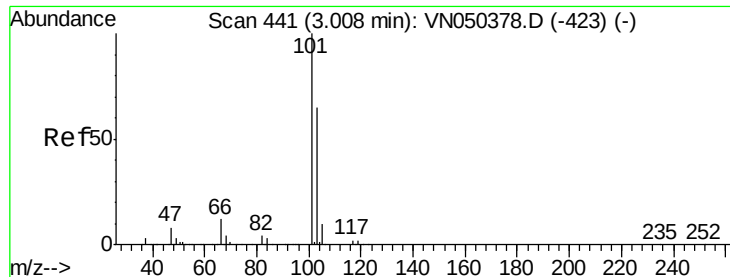
66 33.9 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

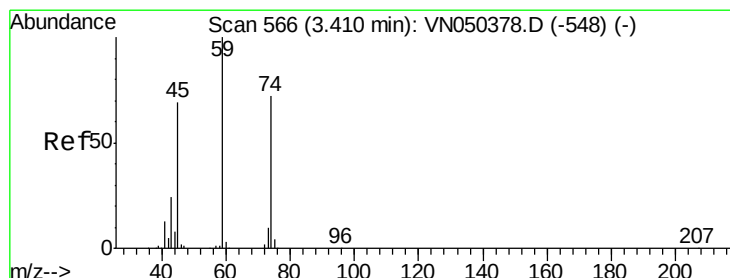
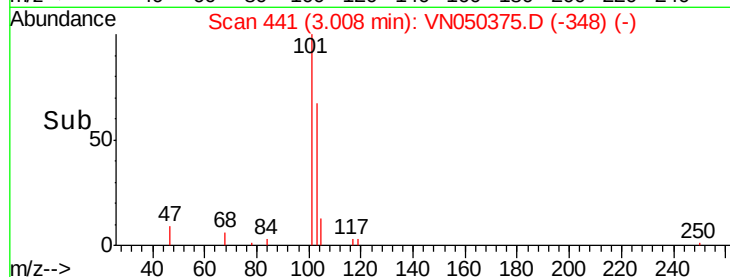
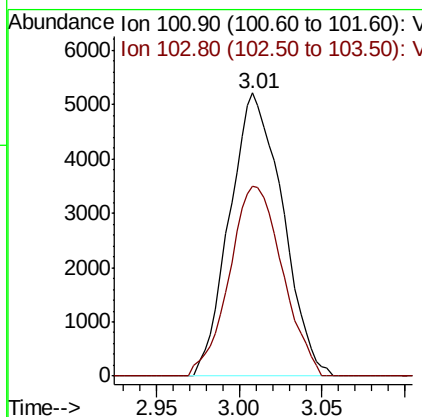
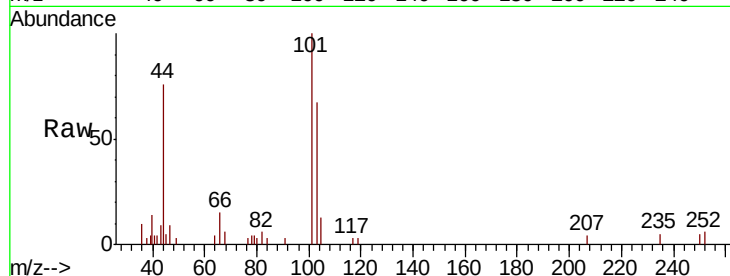
Trichlorofluoromethane
 Concen: 0.90 ug/l
 RT: 3.01 min Scan# 441
 Delta R.T. 0.00 min
 Lab File: VN050375.D
 Acq: 6 Aug 2018 11:10

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 VSTDIC001

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		11614		
103	66.9	51.7	77.5		

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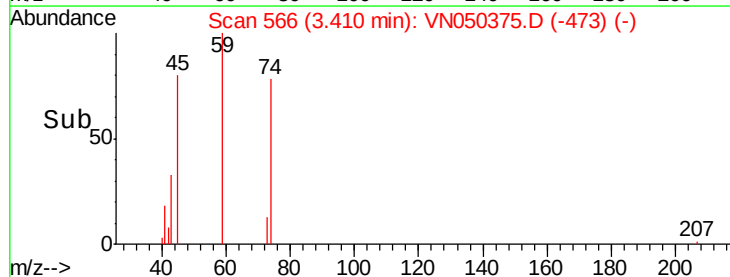
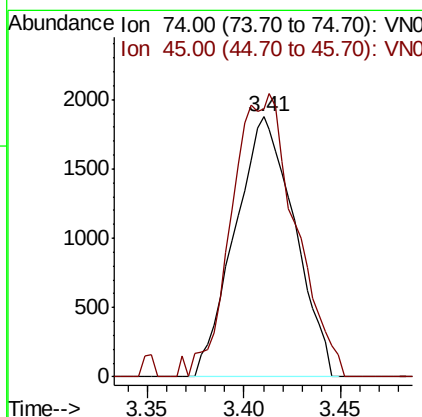
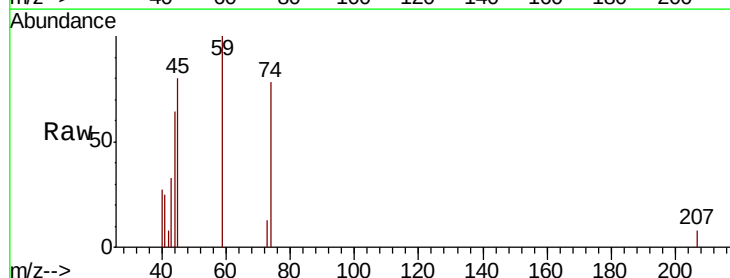
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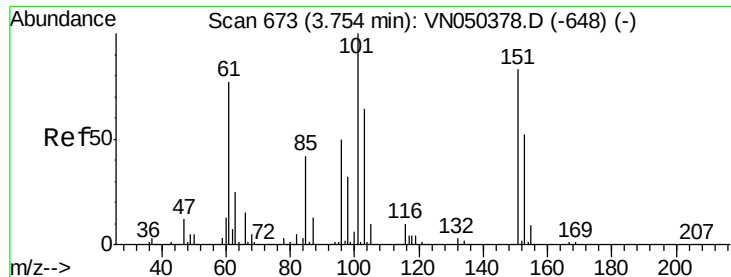


#8

Diethyl Ether
 Concen: 0.93 ug/l
 RT: 3.41 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: VN050375.D
 Acq: 6 Aug 2018 11:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		4015		
45	116.5	47.6	142.8		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.95 ug/l

RT: 3.76 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN050375.D

Acq: 6 Aug 2018 11:10

Instrument :

MSVOA_N

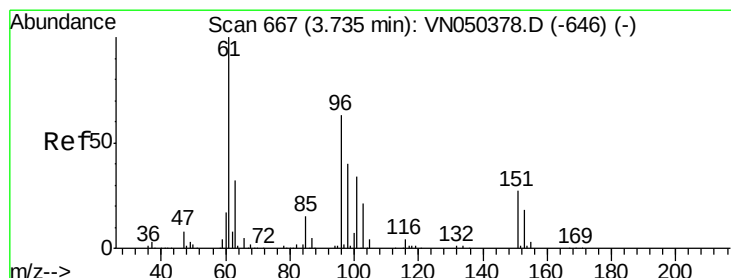
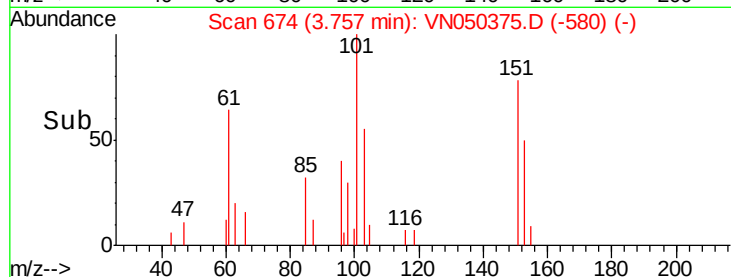
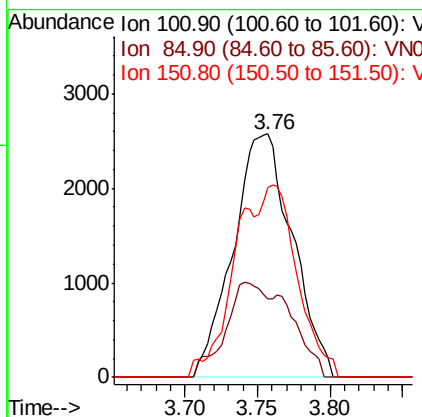
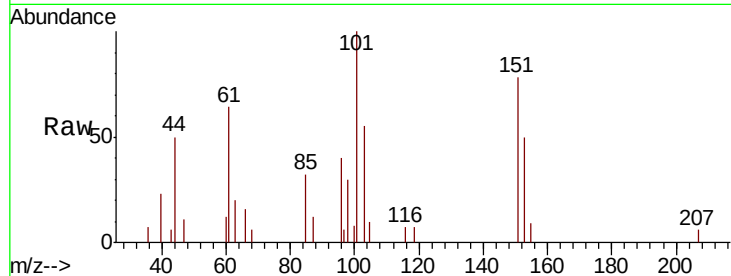
ClientSampleId :

VSTDIC001

Tot Ion:	101	Resp:	7334
Ion Ratio	Lower	Upper	
101	100		
85	28.6	34.2	51.2#
151	31.7	66.3	99.5#

Manual Integrations
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#12

1,1-Dichloroethene

Concen: 1.03 ug/l

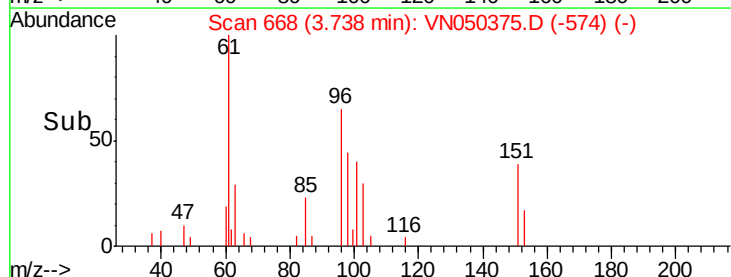
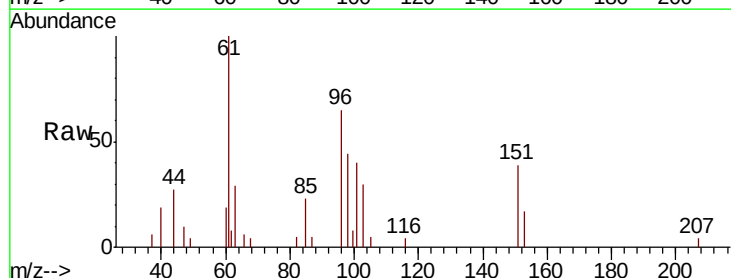
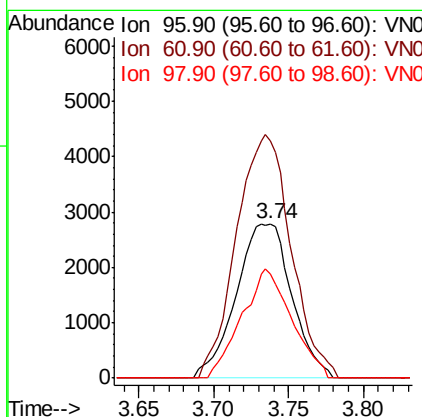
RT: 3.74 min Scan# 668

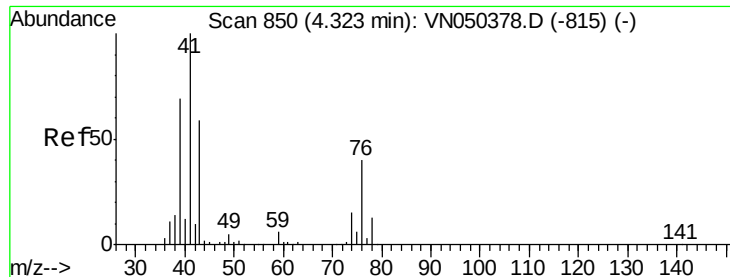
Delta R.T. 0.00 min

Lab File: VN050375.D

Acq: 6 Aug 2018 11:10

Tgt Ion:	96	Resp:	7207
Ion Ratio	Lower	Upper	
96	100		
61	153.6	124.4	186.6
98	67.2	48.3	72.5





#14

Allvl chloride

Concen: 0.98 ug/l

RT: 4.32 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN050375.D

Acq: 6 Aug 2018 11:10

Instrument :

MSVOA_N

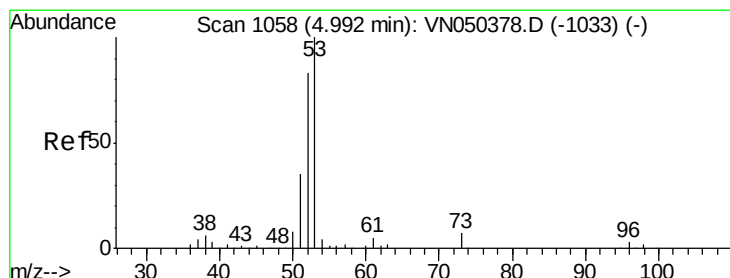
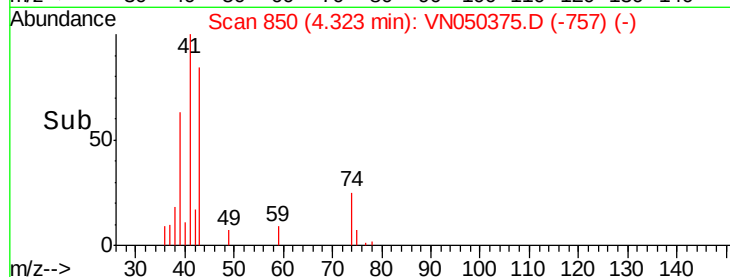
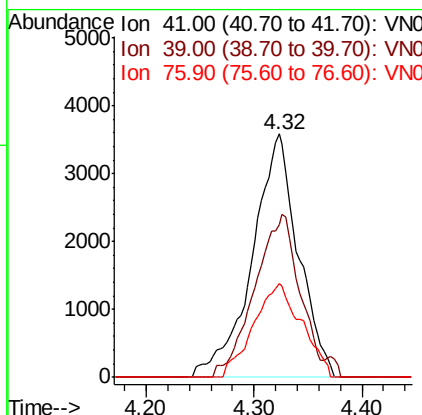
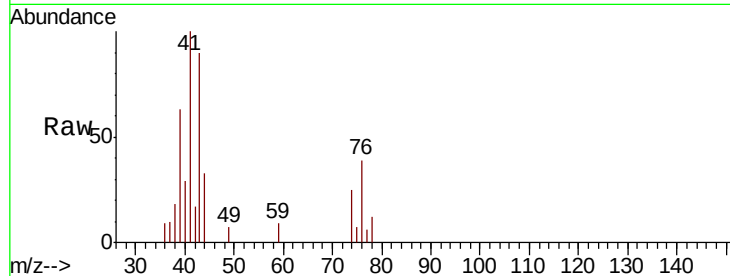
ClientSampleId :

VSTDIC001

Tot Ion:	41	Resp:	10600
Ion	Ratio	Lower	Upper
41	100		
39	65.7	54.2	81.4
76	40.0	29.0	43.6

Manual Integrations
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#15

Acrylonitrile

Concen: 4.84 ug/l

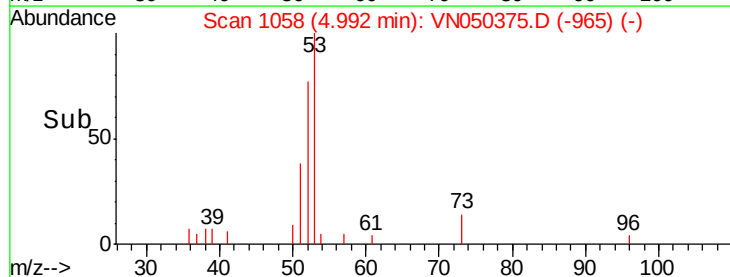
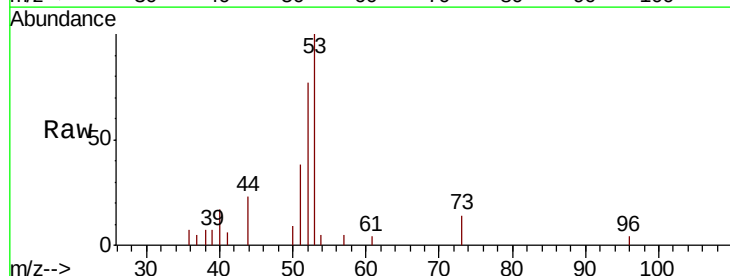
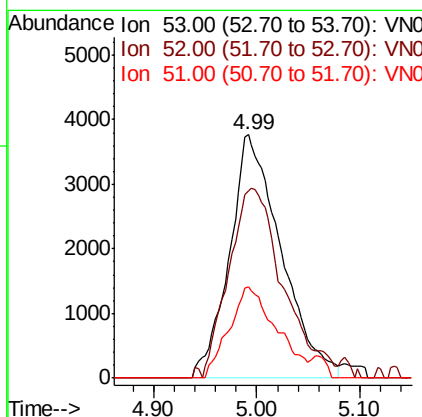
RT: 4.99 min Scan# 1058

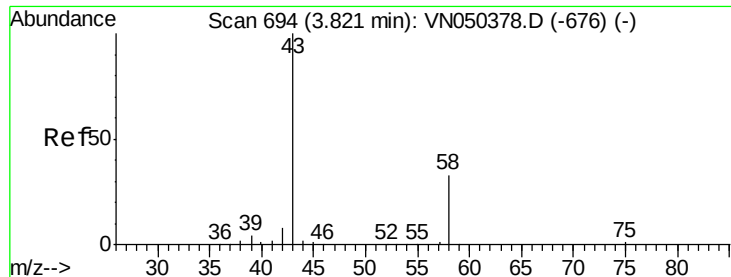
Delta R.T. 0.00 min

Lab File: VN050375.D

Acq: 6 Aug 2018 11:10

Tgt Ion:	53	Resp:	13113
Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.2	99.2
51	34.5	29.3	43.9





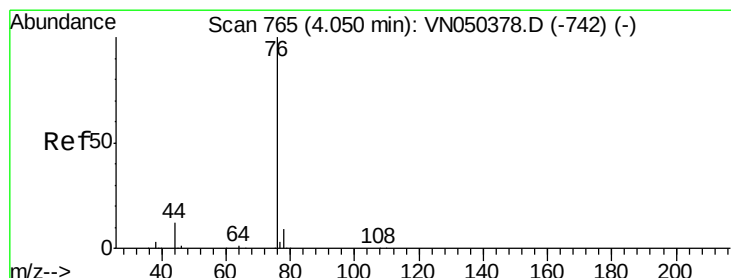
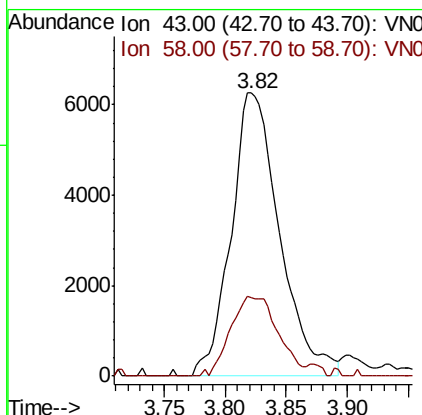
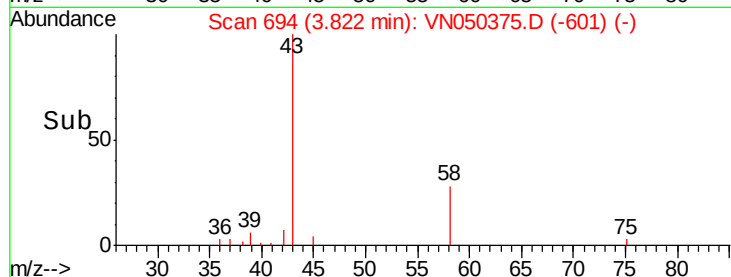
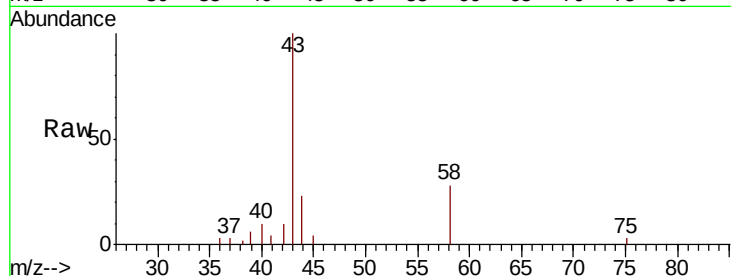
#16
Acetone
Concen: 7.83 ug/l
RT: 3.82 min Scan# 694
Delta R.T. 0.00 min
Lab File: VN050375.D
Acq: 6 Aug 2018 11:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 43 Resp: 17251
Ion Ratio Lower Upper
43 100
58 27.6 25.8 38.8

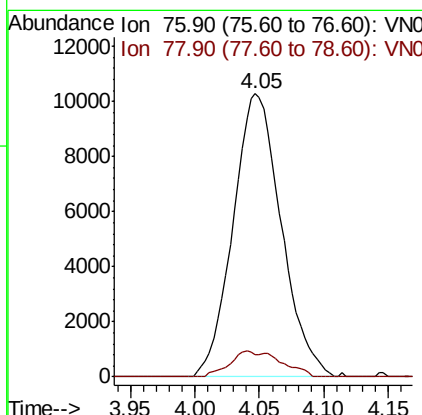
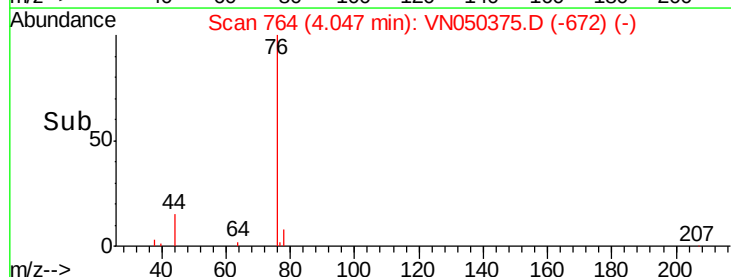
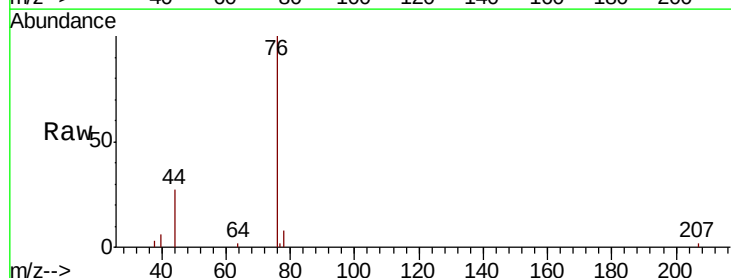
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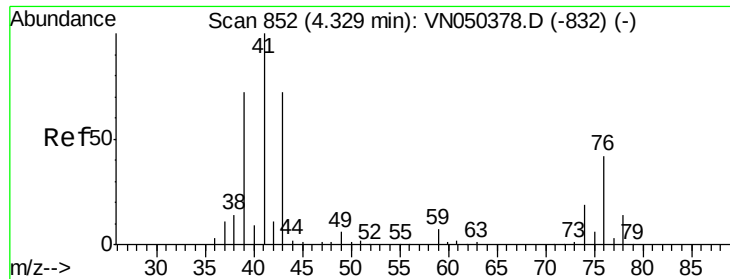
MMDadoda
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#17
Carbon Disulfide
Concen: 1.25 ug/l
RT: 4.05 min Scan# 764
Delta R.T. -0.00 min
Lab File: VN050375.D
Acq: 6 Aug 2018 11:10

Tgt Ion: 76 Resp: 26703
Ion Ratio Lower Upper
76 100
78 8.0 7.3 10.9





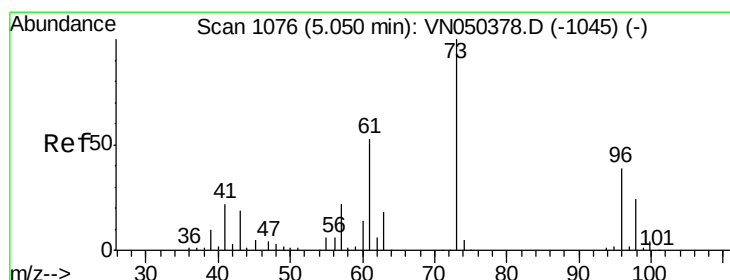
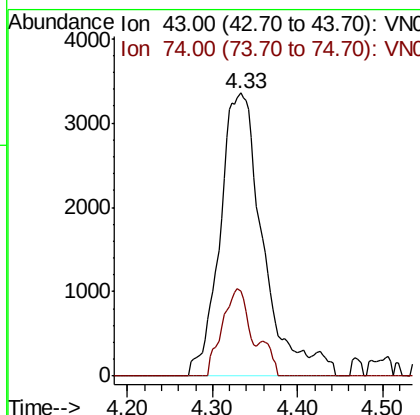
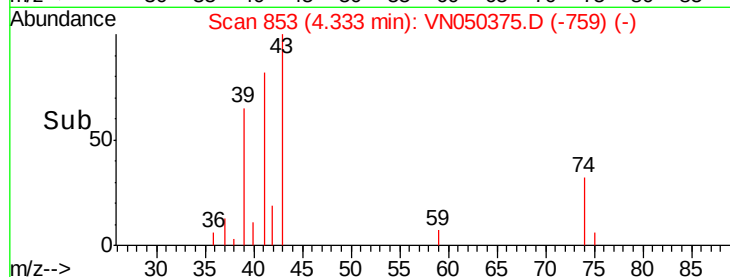
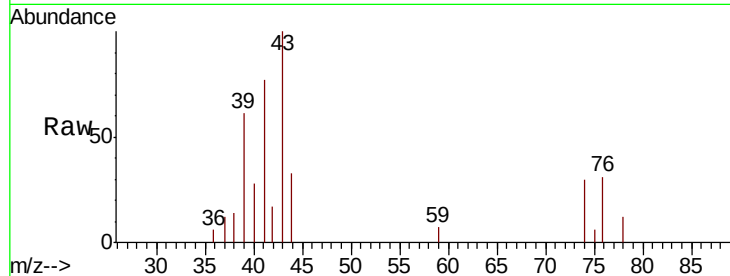
#18
Methyl Acetate
Concen: 1.18 ug/l m
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050375.D
Acq: 6 Aug 2018 11:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 43 Resp: 11898
Ion Ratio Lower Upper
43 100
74 18.8 19.2 28.8#

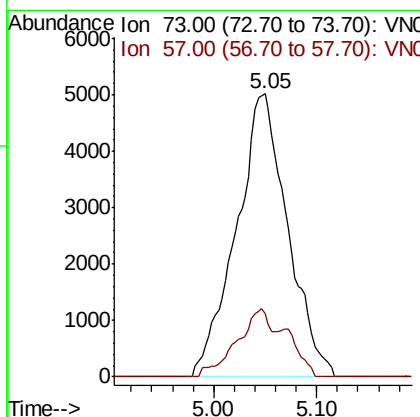
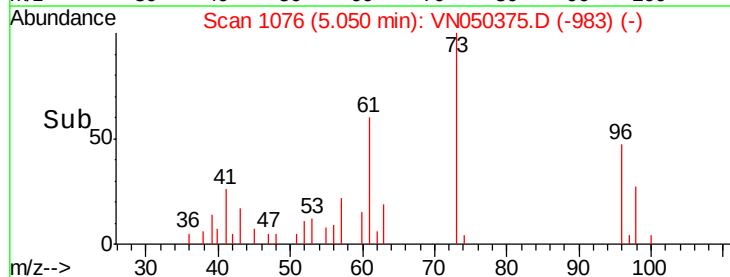
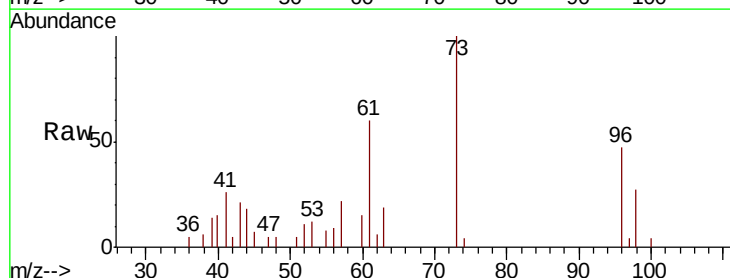
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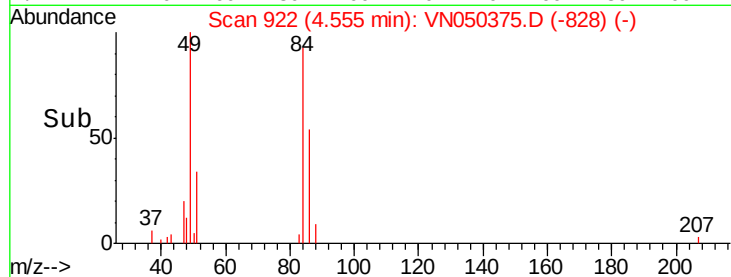
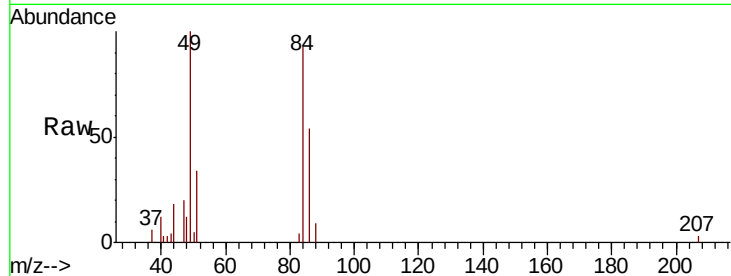
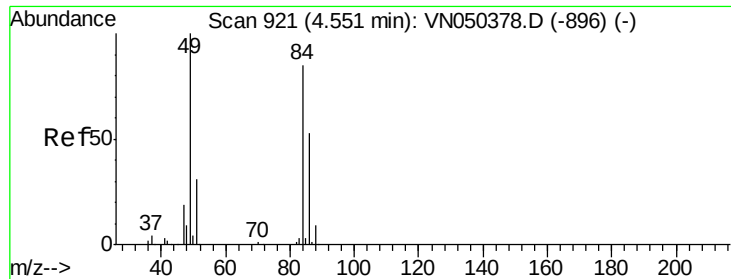
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#19
Methyl tert-butyl Ether
Concen: 0.93 ug/l
RT: 5.05 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VN050375.D
Acq: 6 Aug 2018 11:10

Tgt Ion: 73 Resp: 17342
Ion Ratio Lower Upper
73 100
57 22.1 18.0 27.0





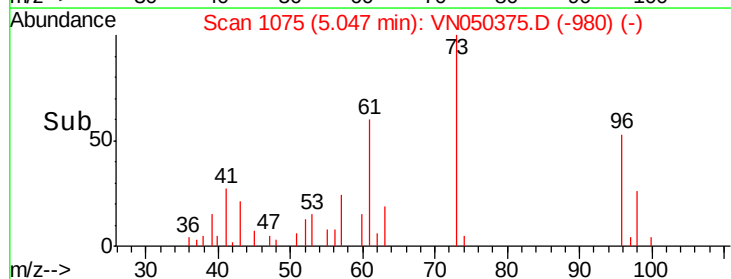
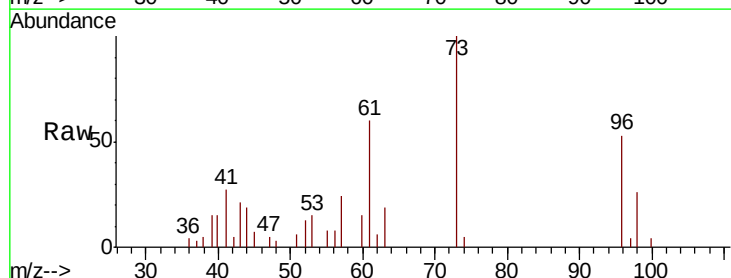
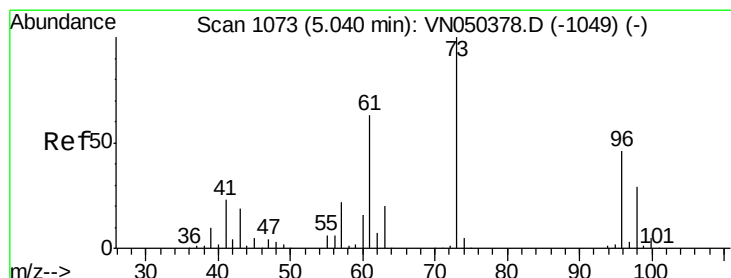
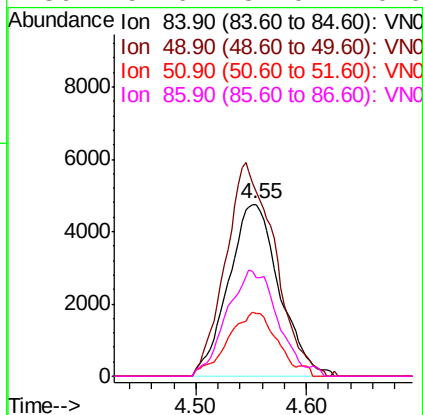
#20
Methvlene Chloride
Concen: 1.79 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050375.D
Acq: 6 Aug 2018 11:10

Tot Ion:	84	Resp:	15152
Ion	Ratio	Lower	Upper
84	100		
49	107.4	94.8	142.2
51	36.7	28.3	42.5
86	57.6	51.0	76.6

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

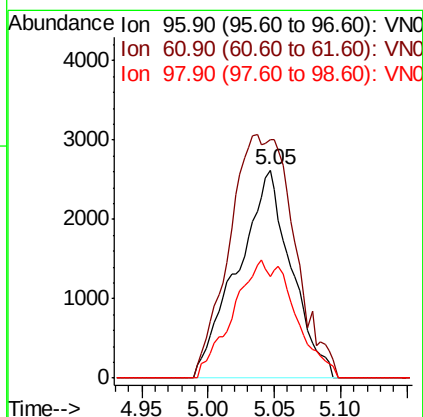
Manual Integrations
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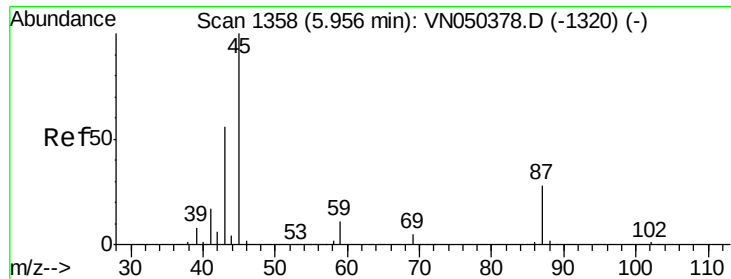
MMDadoda
8/7/2018 9:57:08 AM



#21
trans-1,2-Dichloroethene
Concen: 1.00 ug/l
RT: 5.05 min Scan# 1075
Delta R.T. 0.01 min
Lab File: VN050375.D
Acq: 6 Aug 2018 11:10

Tgt Ion:	96	Resp:	7391
Ion	Ratio	Lower	Upper
96	100		
61	115.0	110.7	166.1
98	49.1	51.6	77.4#





#22

Diisopropyl ether

Concen: 0.89 ug/l

RT: 5.95 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VN050375.D

Acq: 6 Aug 2018 11:10

Instrument :

MSVOA_N

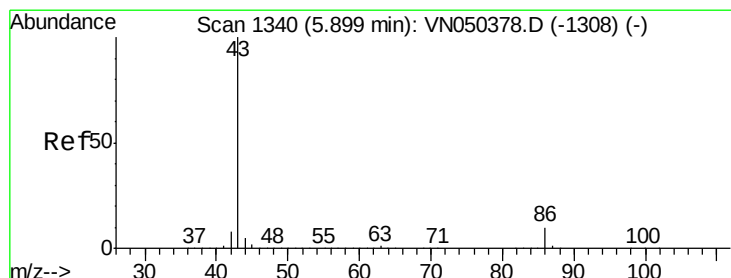
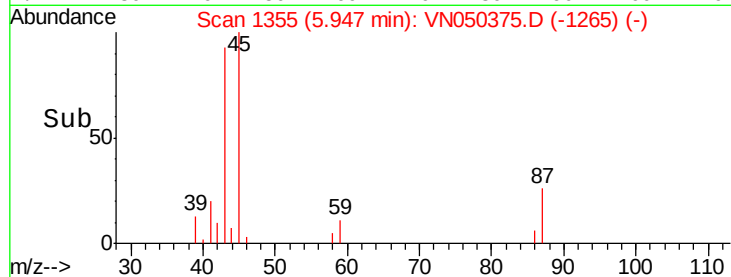
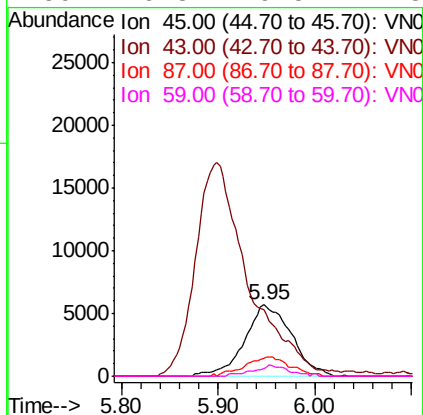
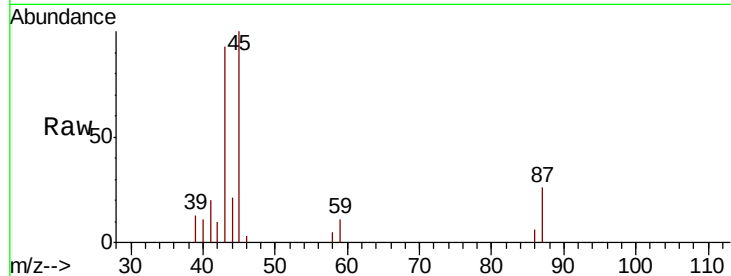
ClientSampled :

VSTDIC001

Tot Ion	45	Resp	19071
Ion Ratio	Lower	Upper	
45	100		
43	86.4	45.7	68.5#
87	25.8	22.7	34.1
59	10.8	9.5	14.3

Manual Integrations
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#23

Vinyl Acetate

Concen: 4.28 ug/l

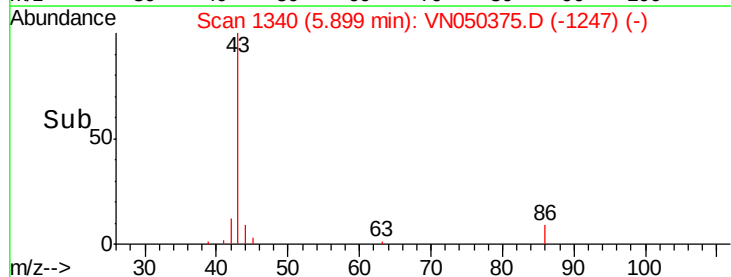
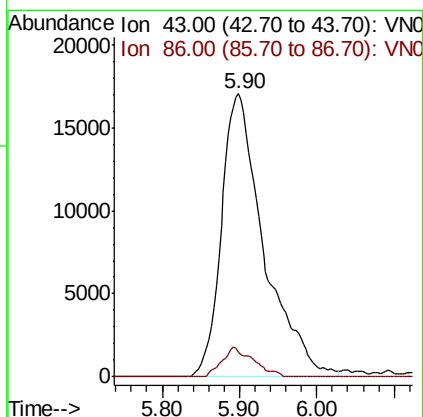
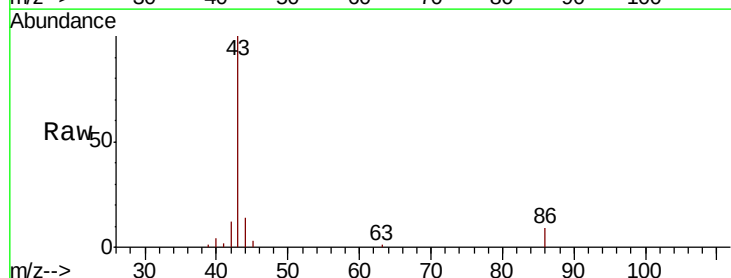
RT: 5.90 min Scan# 1340

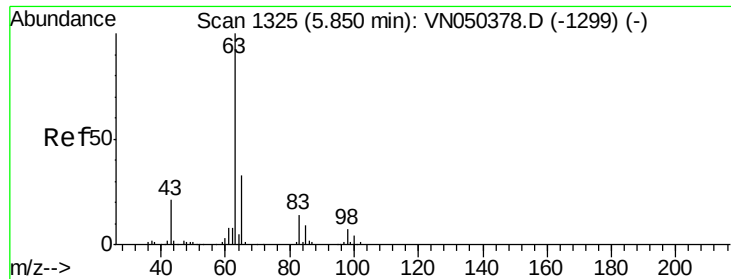
Delta R.T. 0.00 min

Lab File: VN050375.D

Acq: 6 Aug 2018 11:10

Tgt Ion	43	Resp	64824
Ion Ratio	Lower	Upper	
43	100		
86	8.7	8.6	13.0





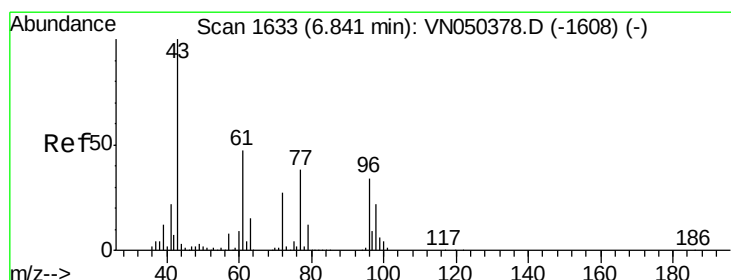
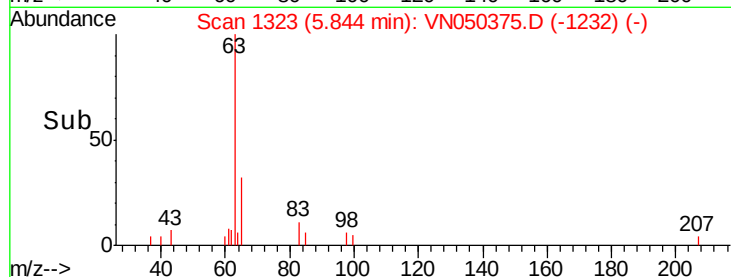
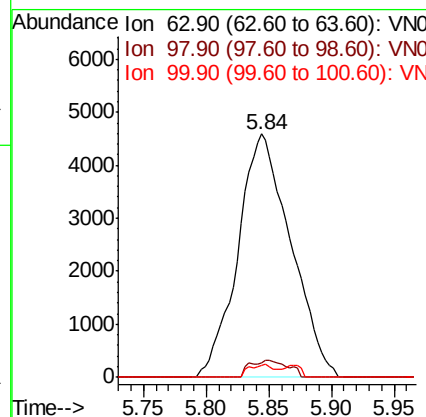
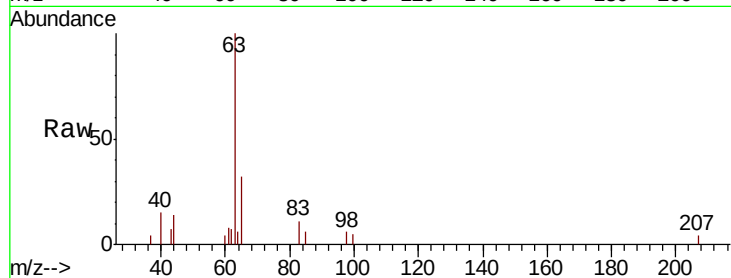
#24
 1,1-Dichloroethane
 Concen: 0.96 ug/l
 RT: 5.84 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: VN050375.D
 Acq: 6 Aug 2018 11:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
63	100			
98	6.1		3.3	9.8
100	4.9		2.1	6.3

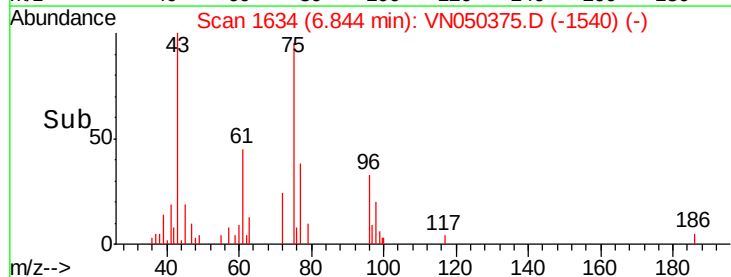
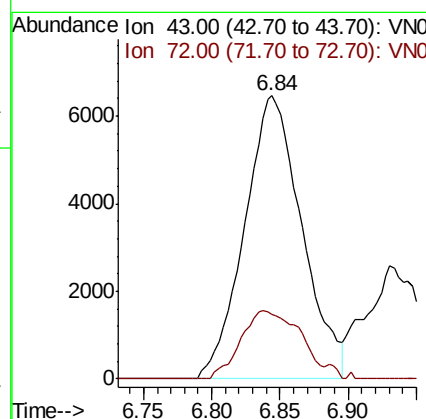
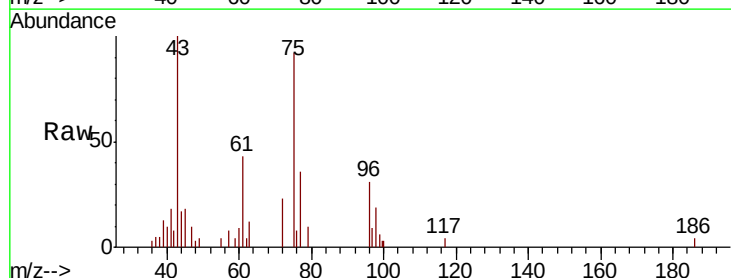
Manual Integrations
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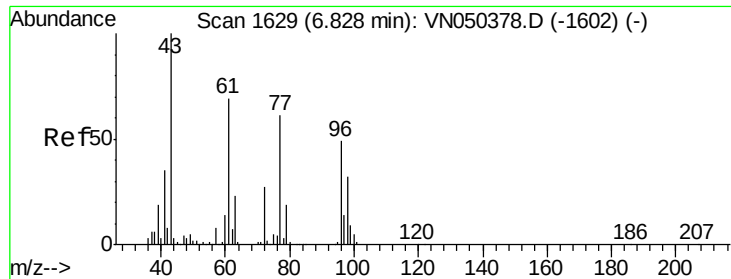
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#25
 2-Butanone
 Concen: 5.86 ug/l
 RT: 6.84 min Scan# 1634
 Delta R.T. 0.00 min
 Lab File: VN050375.D
 Acq: 6 Aug 2018 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
43	100			
72	22.8		21.5	32.3





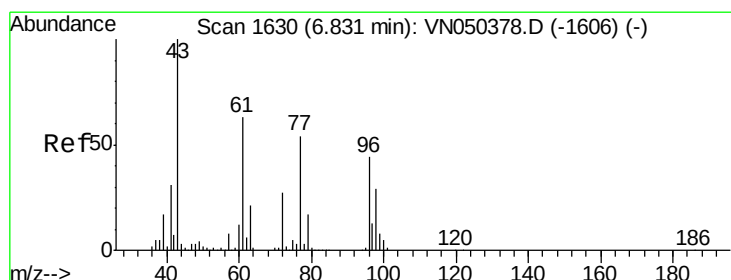
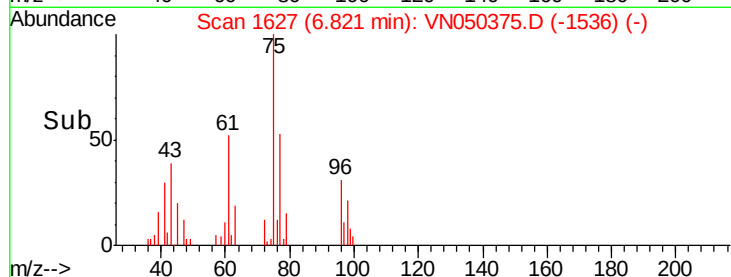
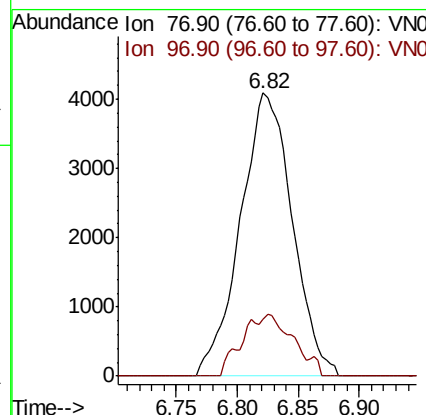
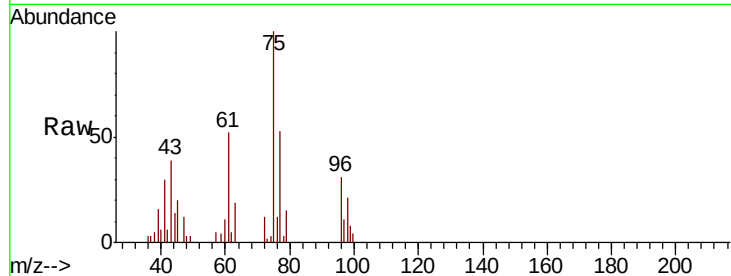
#26
 2,2-Dichloropropane
 Concen: 1.13 ug/l
 RT: 6.82 min Scan# 1627
 Delta R.T. -0.01 min
 Lab File: VN050375.D
 Acq: 6 Aug 2018 11:10

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
77	100		
97	8.4	11.8	35.3#

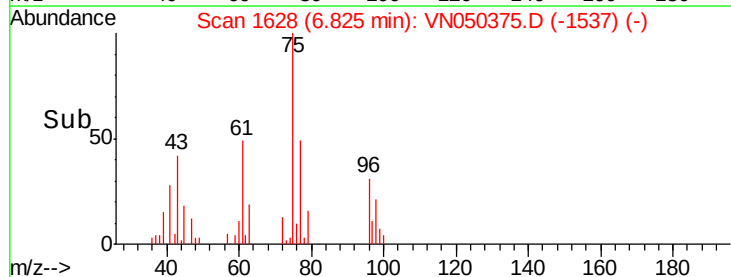
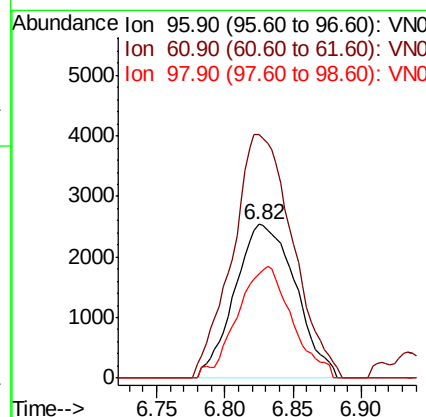
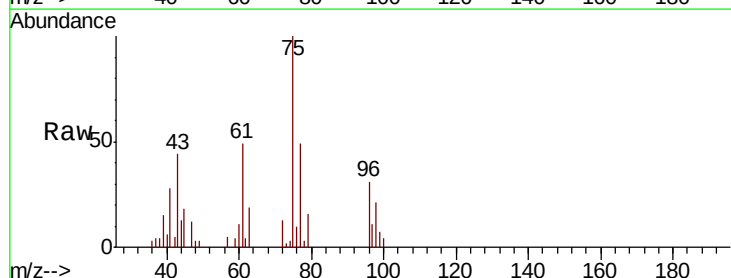
Manual Integrations
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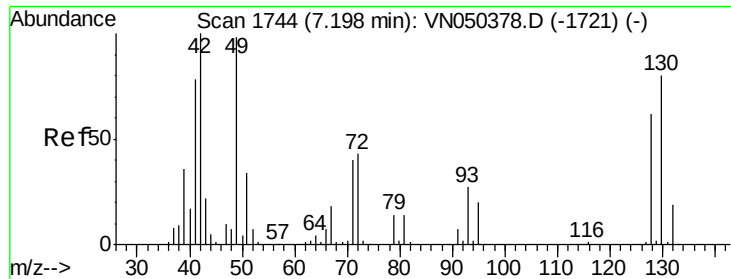
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#27
 cis-1,2-Dichloroethene
 Concen: 0.99 ug/l
 RT: 6.82 min Scan# 1628
 Delta R.T. -0.01 min
 Lab File: VN050375.D
 Acq: 6 Aug 2018 11:10

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.2	0.0	285.0
98	65.1	0.0	129.2





#28

Bromochloromethane

Concen: 1.02 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VN050375.D

Acq: 6 Aug 2018 11:10

Instrument :

MSVOA_N

ClientSampled :

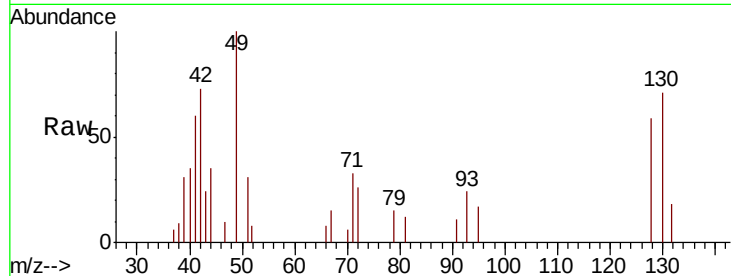
VSTDIC001

Tot Ion: 49 Resp: 6513

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	81.7	66.3	99.5

Manual Integrations
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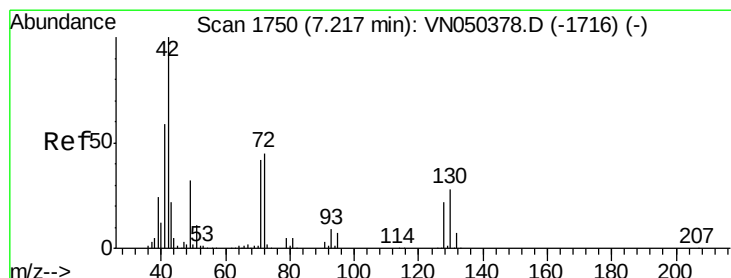
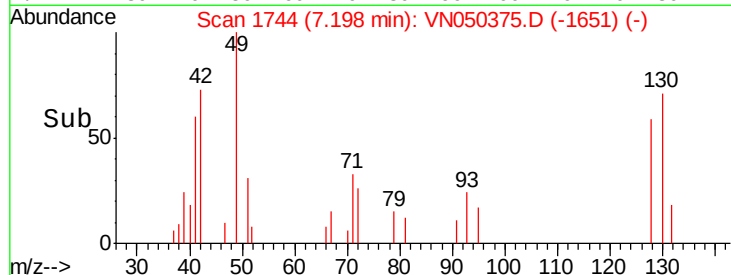
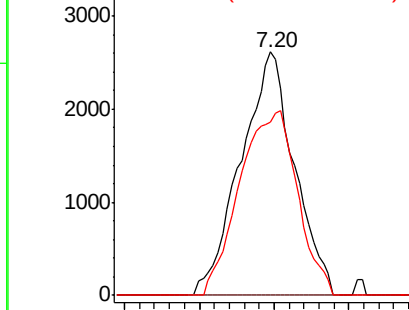
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Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 5.11 ug/l

RT: 7.22 min Scan# 1750

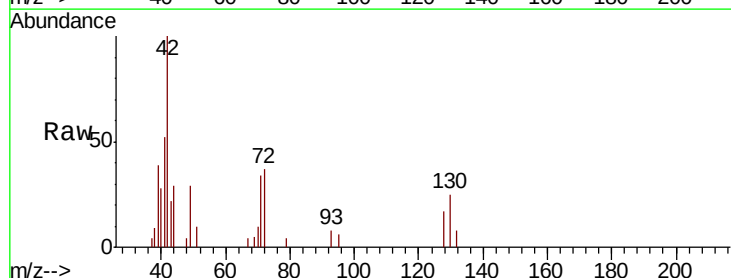
Delta R.T. 0.00 min

Lab File: VN050375.D

Acq: 6 Aug 2018 11:10

Tgt Ion: 42 Resp: 10648

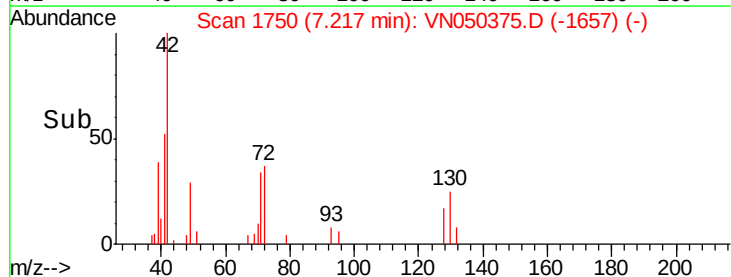
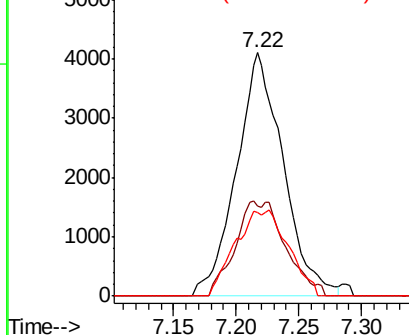
Ion	Ratio	Lower	Upper
42	100		
72	22.2	35.9	53.9#
71	20.7	33.7	50.5#

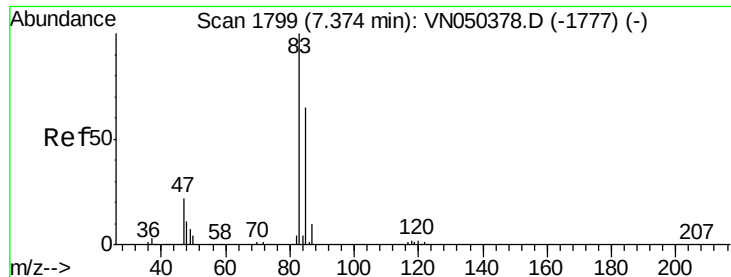


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0





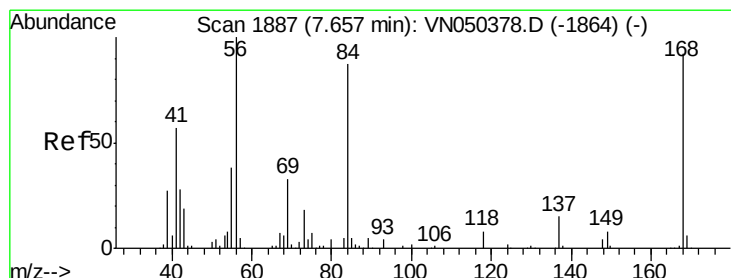
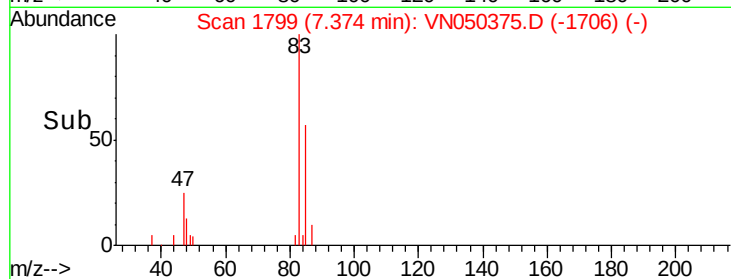
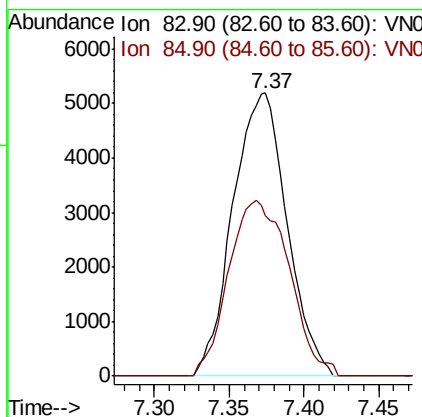
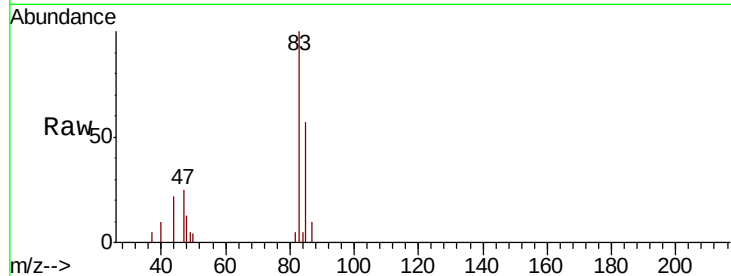
#30
Chloroform
Concen: 0.91 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN050375.D
Acq: 6 Aug 2018 11:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	83	Resp	13097
Ion Ratio	100	Lower	Upper
83	100		
85	56.9	52.5	78.7

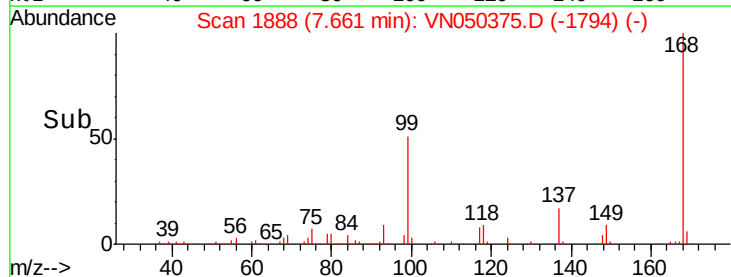
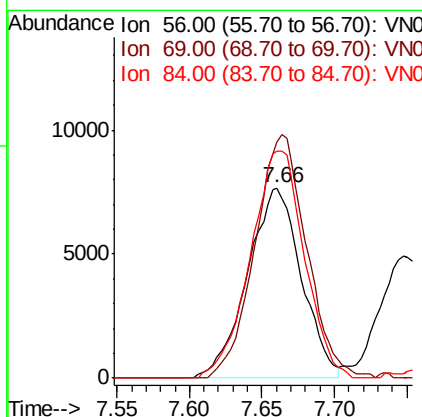
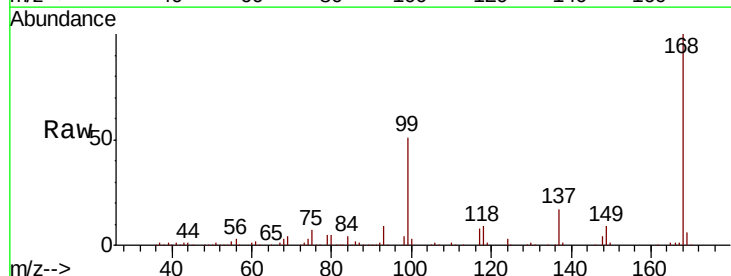
Manual Integrations
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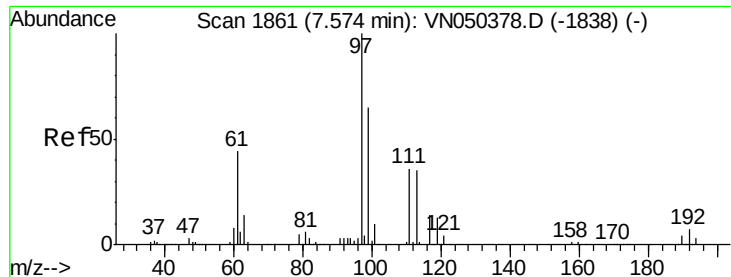
MMDadoda
8/7/2018 9:57:08 AM



#31
Cyclohexane
Concen: 1.47 ug/l
RT: 7.66 min Scan# 1888
Delta R.T. 0.00 min
Lab File: VN050375.D
Acq: 6 Aug 2018 11:10

Tgt Ion	56	Resp	19807
Ion Ratio	100	Lower	Upper
56	100		
69	124.2	26.2	39.4#
84	119.5	67.4	101.0#





#32

1,1,1-Trichloroethane

Concen: 0.91 ug/l

RT: 7.57 min Scan# 1859

Delta R.T. -0.01 min

Lab File: VN050375.D

Acq: 6 Aug 2018 11:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 97 Resp: 11168

Ion Ratio Lower Upper

97 100

99 0.0 51.4 77.0#

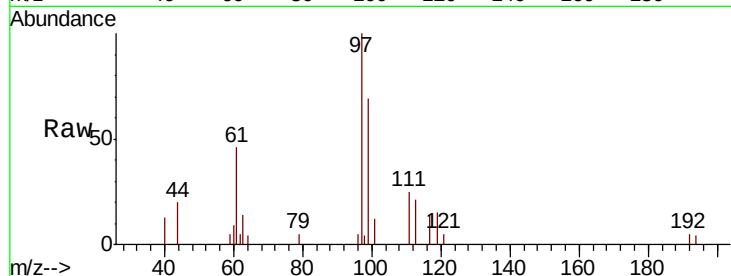
61 46.0 35.4 53.0

Manual Integrations

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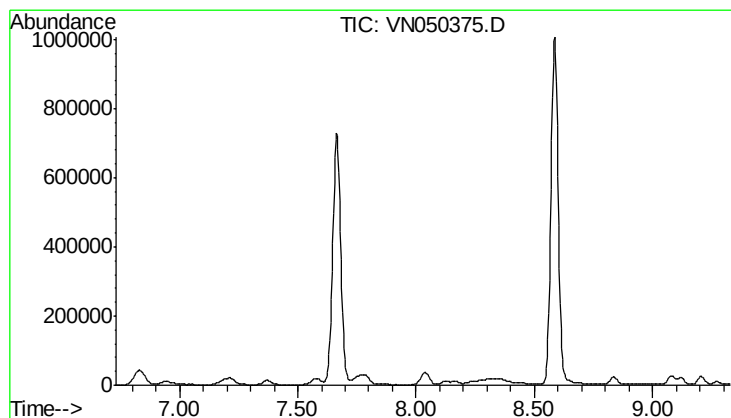
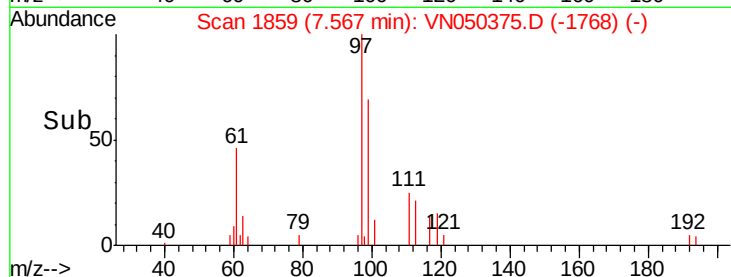
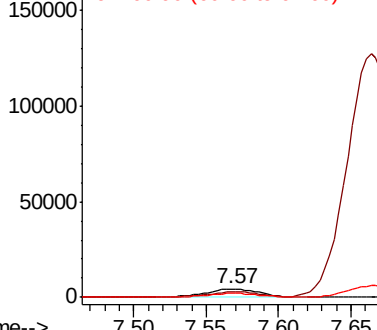


Abundance

Ion 96.90 (96.60 to 97.60): VN050375.D

Ion 98.90 (98.60 to 99.60): VN050375.D

Ion 60.90 (60.60 to 61.60): VN050375.D



#33

1,2-Dichloroethane-d4

Concen: 0.00 ug/l

Expected RT: 8.03 min

Lab File: VN050375.D

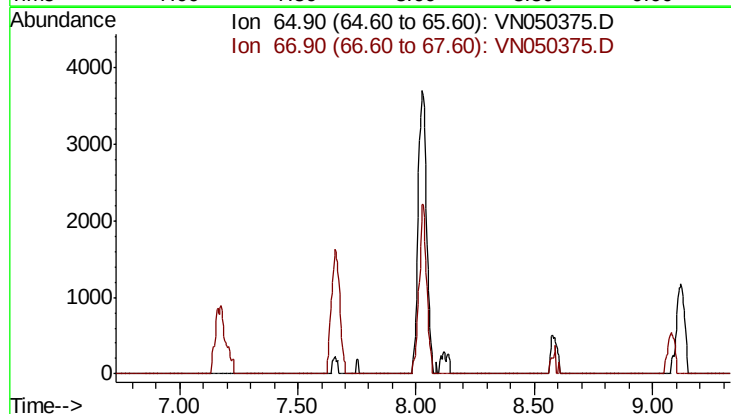
Acq: 6 Aug 2018 11:10

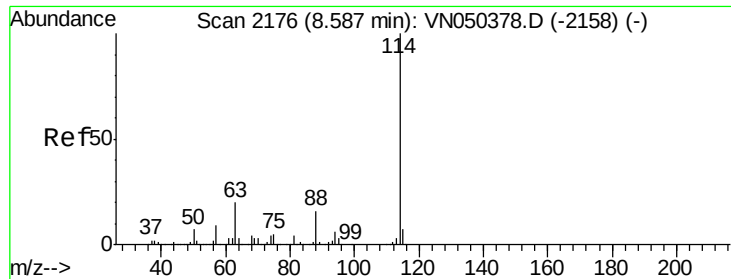
Tgt Ion: 65

Sig Exp Ratio

65 100

67 54.2





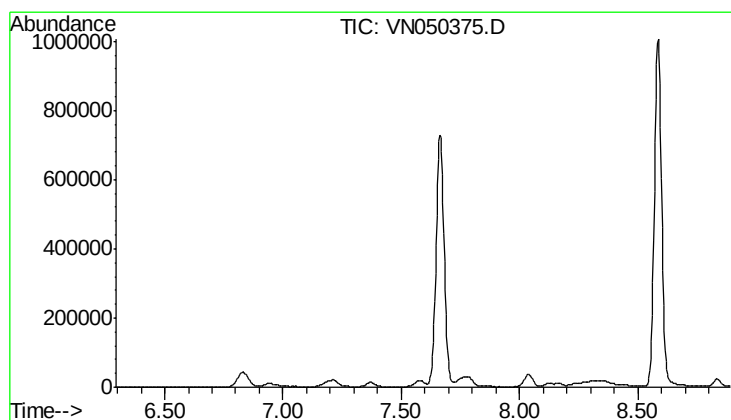
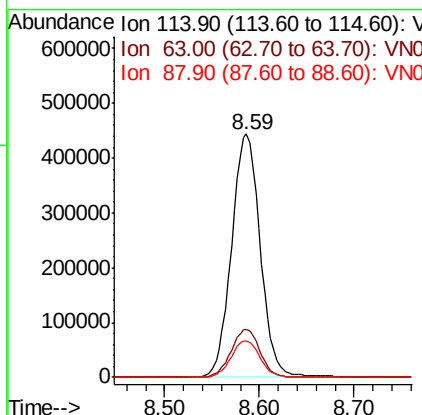
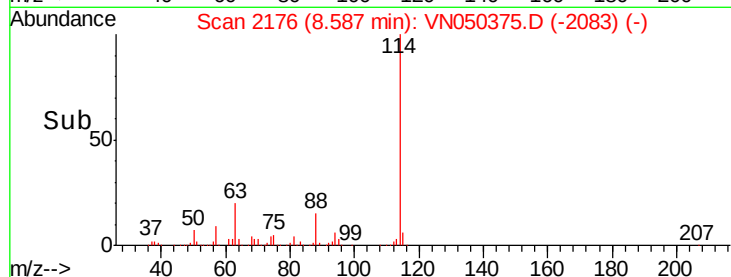
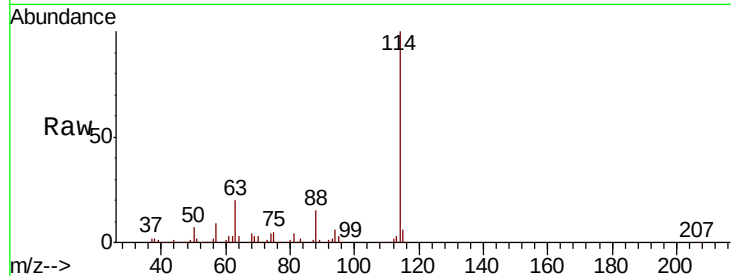
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050375.D
 Acq: 6 Aug 2018 11:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	19.8	0.0	40.0
88	15.0	0.0	31.2

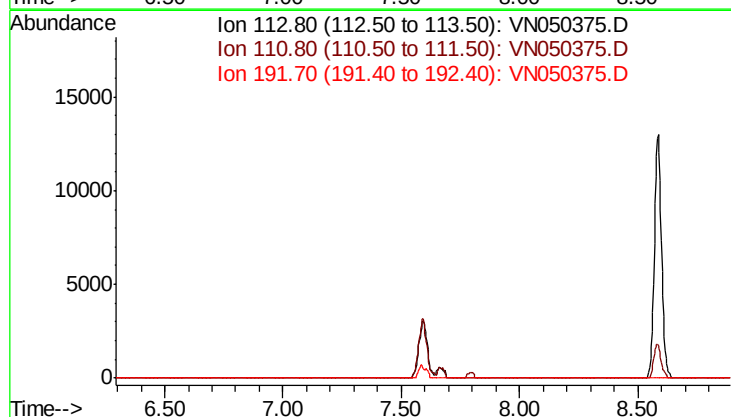
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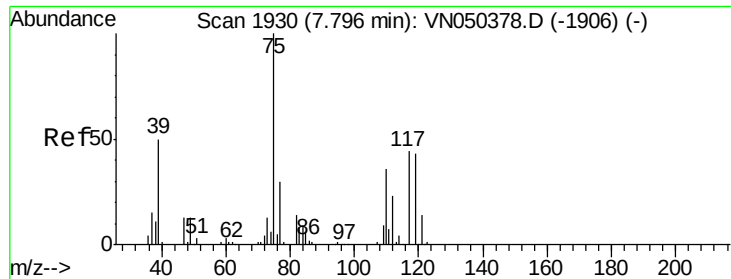
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#35
 Dibromofluoromethane
 Concen: 0.00 ug/l
 Expected RT: 7.59 min
 Lab File: VN050375.D
 Acq: 6 Aug 2018 11:10

Tgt Ion	Exp Ratio
113	100
111	100.9
192	22.2





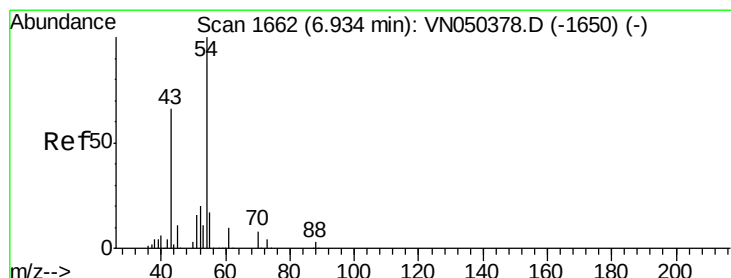
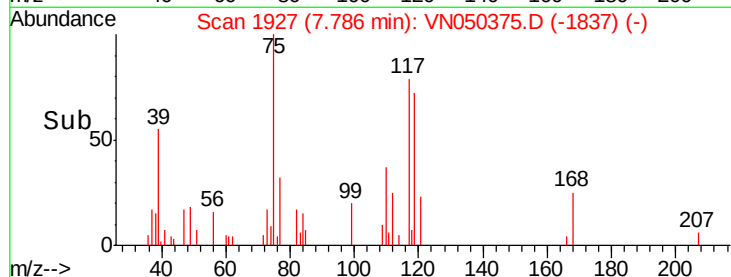
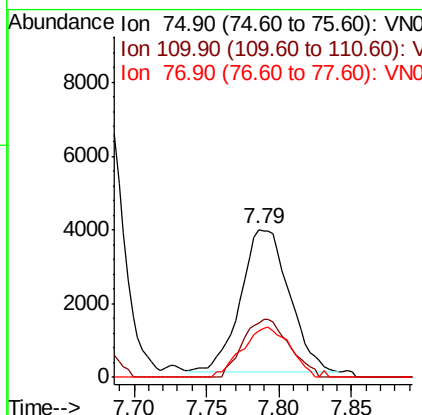
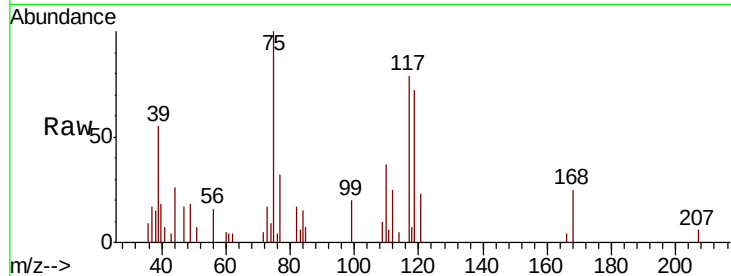
#36
 1,1-Dichloropropene
 Concen: 0.85 ug/l
 RT: 7.79 min Scan# 1927
 Delta R.T. -0.01 min
 Lab File: VN050375.D
 Acq: 6 Aug 2018 11:10

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	39.1	18.4	55.2
77	34.7	25.3	37.9

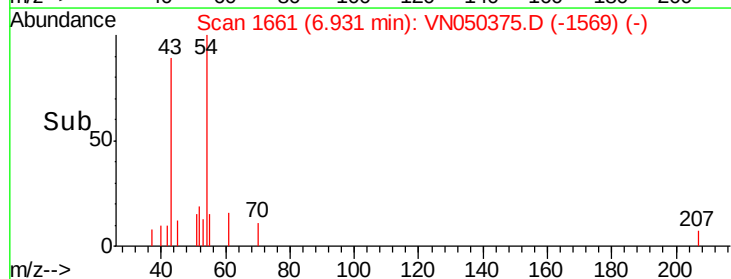
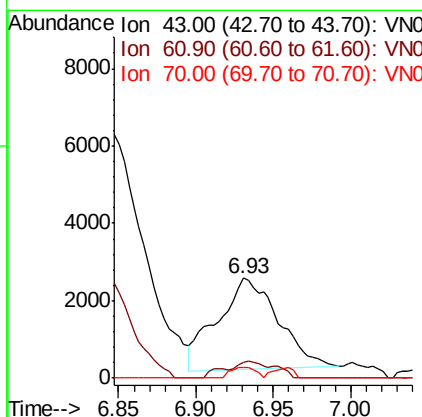
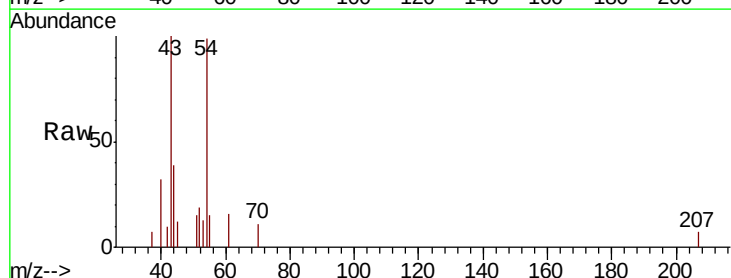
Manual Integrations
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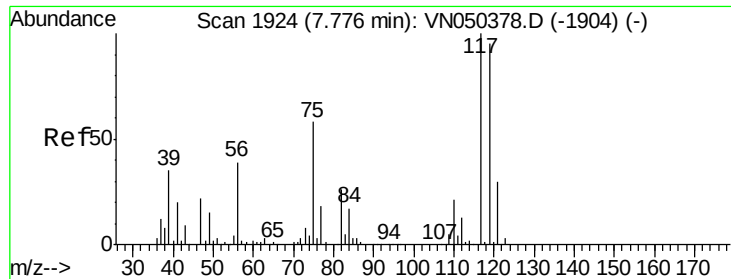
MMDadoda
 8/7/2018 9:57:08 AM



#37
 Ethyl Acetate
 Concen: 0.88 ug/l
 RT: 6.93 min Scan# 1661
 Delta R.T. -0.00 min
 Lab File: VN050375.D
 Acq: 6 Aug 2018 11:10

Tgt Ion	Ratio	Lower	Upper
43	100		
61	11.3	11.8	17.8#
70	4.6	8.4	12.6#





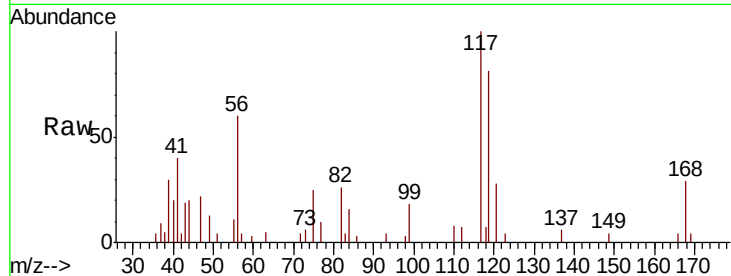
#38
Carbon Tetrachloride
Concen: 1.02 ug/l
RT: 7.77 min Scan# 1921
Delta R.T. -0.01 min
Lab File: VN050375.D
Acq: 6 Aug 2018 11:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	80.5	77.4	116.0
121	28.2	23.9	35.9

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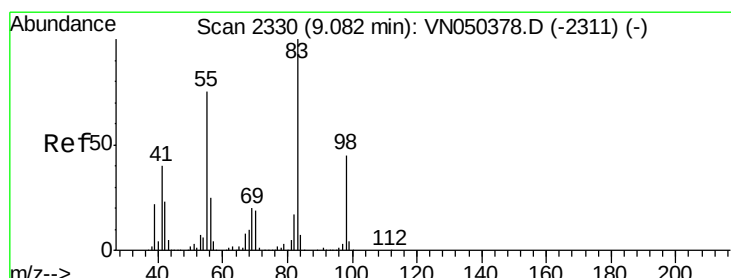
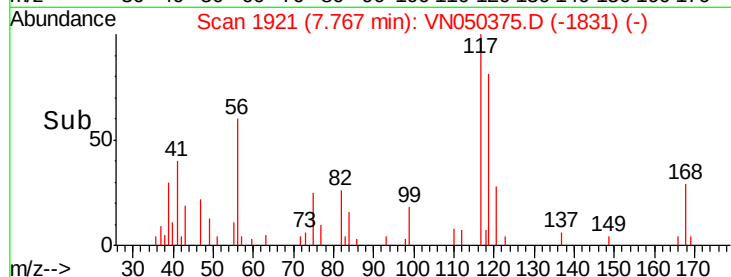
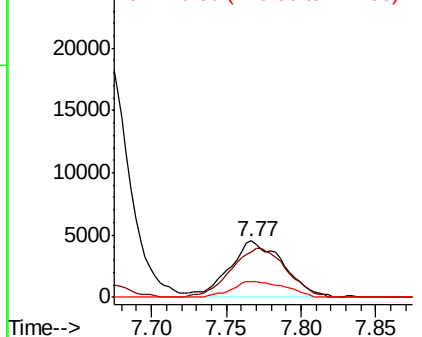


Abundance

Ion 116.80 (116.50 to 117.50): V

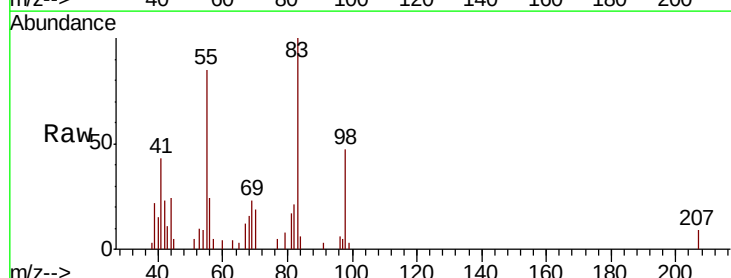
Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39
Methylcyclohexane
Concen: 0.92 ug/l
RT: 9.08 min Scan# 2329
Delta R.T. -0.00 min
Lab File: VN050375.D
Acq: 6 Aug 2018 11:10

Tgt Ion	Ratio	Lower	Upper
83	100		
55	85.3	61.8	92.8
98	46.6	36.5	54.7

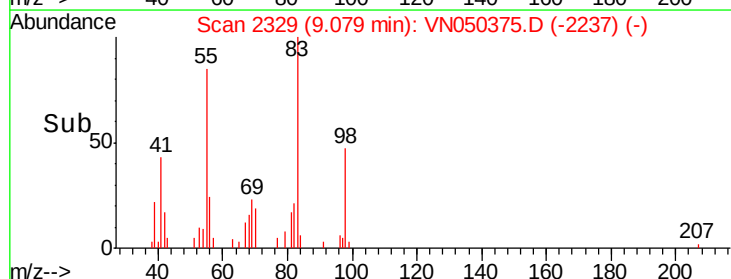
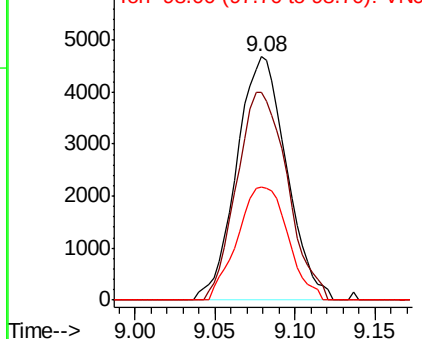


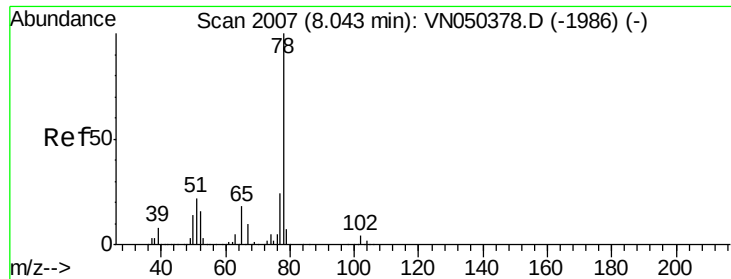
Abundance

Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#40

Benzene

Concen: 0.94 ug/l

RT: 8.04 min Scan# 2006

Delta R.T. -0.00 min

Lab File: VN050375.D

Acq: 6 Aug 2018 11:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 30154

Ion Ratio Lower Upper

78 100

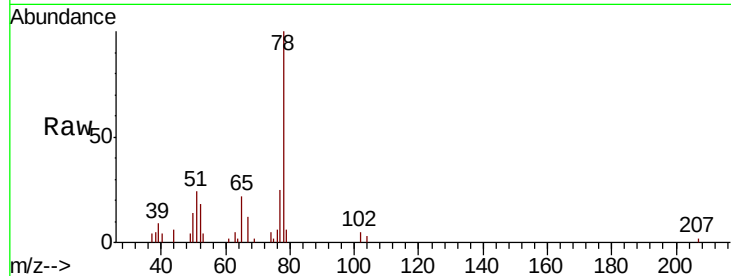
77 25.2 18.7 28.1

Manual Integrations

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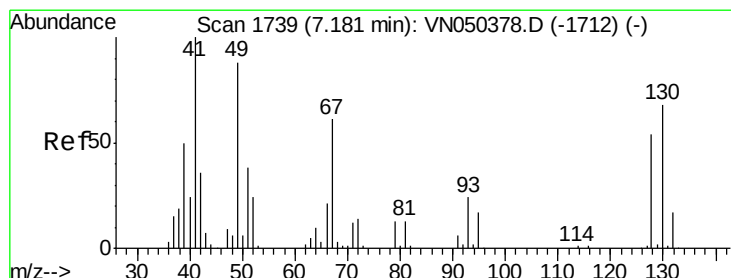
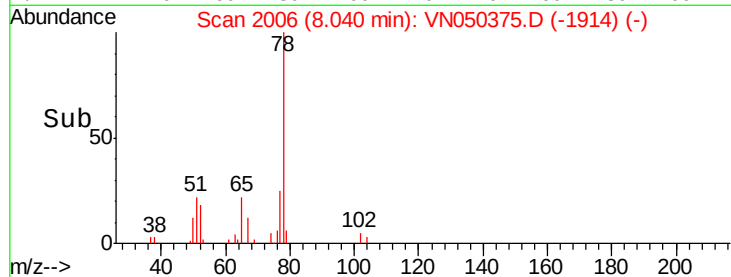
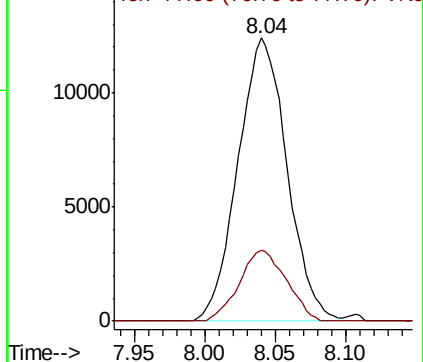
MMDadoda

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Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#41

Methacrylonitrile

Concen: 1.06 ug/l m

RT: 7.19 min Scan# 1742

Delta R.T. 0.01 min

Lab File: VN050375.D

Acq: 6 Aug 2018 11:10

Tgt Ion: 41 Resp: 3645

Ion Ratio Lower Upper

41 100

39 36.9 55.8 83.6#

67 31.7 84.3 126.5#

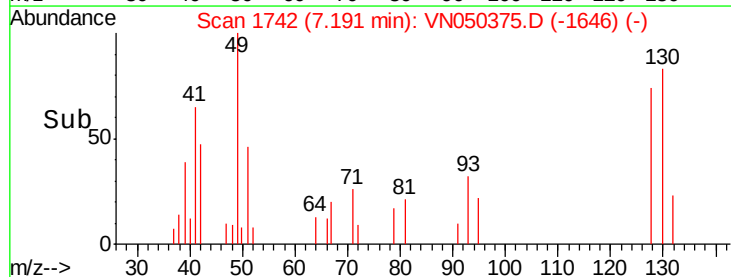
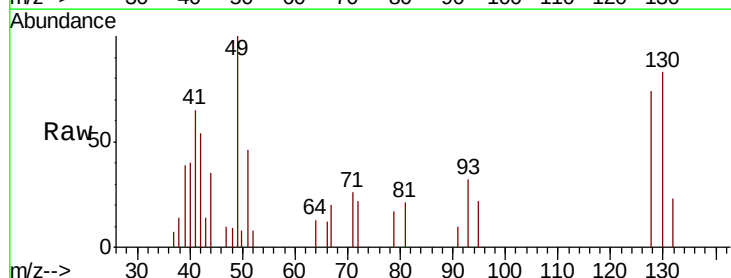
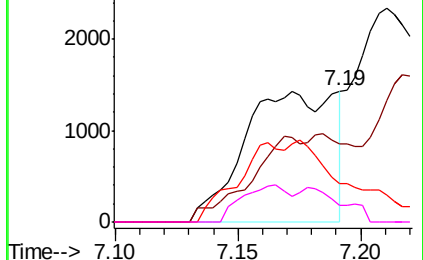
52 14.8 34.2 51.2#

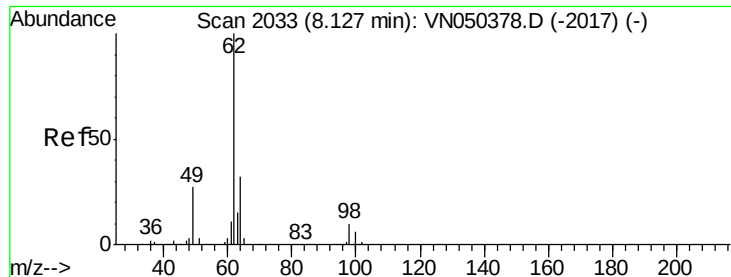
Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0





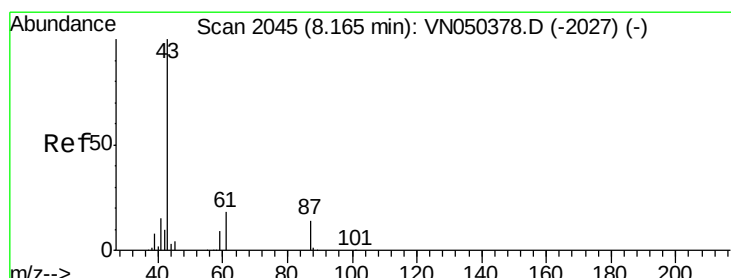
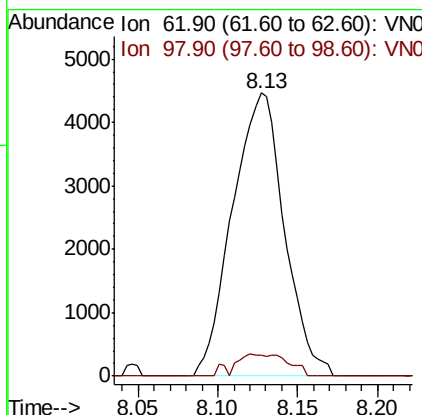
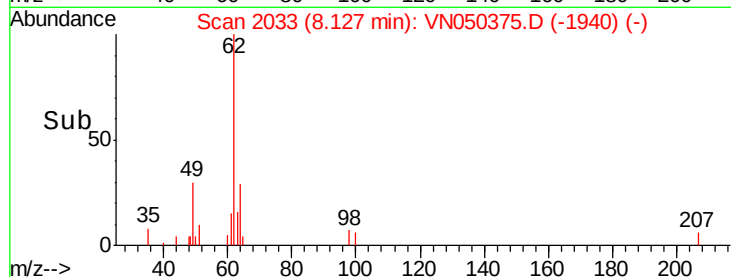
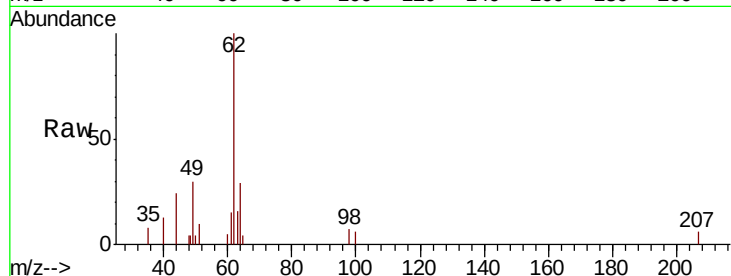
#42
 1,2-Dichloroethane
 Concen: 0.93 ug/l
 RT: 8.13 min Scan# 2033
 Delta R.T. 0.00 min
 Lab File: VN050375.D
 Acq: 6 Aug 2018 11:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
62	100	9910		
98	7.3	0.0	18.8	

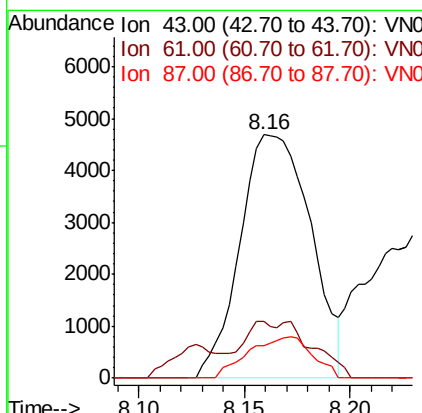
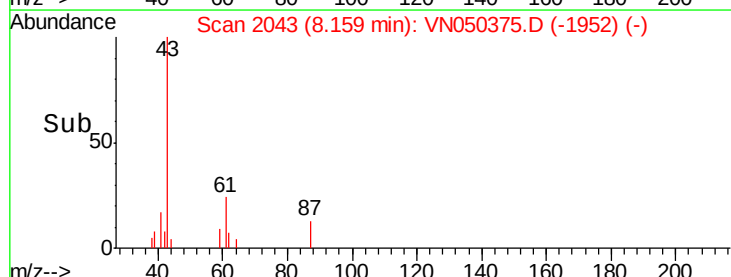
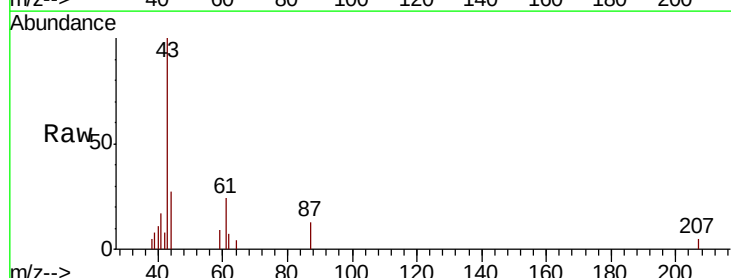
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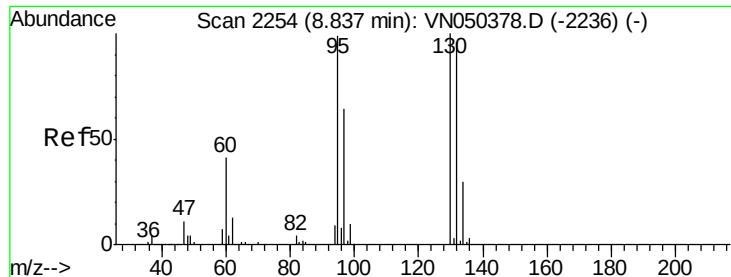
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#43
 Isopropyl Acetate
 Concen: 0.61 ug/l
 RT: 8.16 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: VN050375.D
 Acq: 6 Aug 2018 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	10920		
61	5.2	15.8	23.6#	
87	15.3	10.3	15.5	





#44

Trichloroethene

Concen: 1.03 ug/l

RT: 8.83 min Scan# 2253

Delta R.T. -0.00 min

Lab File: VN050375.D

Acq: 6 Aug 2018 11:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 8864

Ion Ratio Lower Upper

130 100

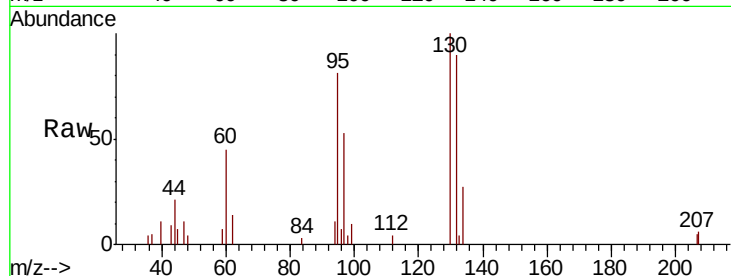
95 81.3 0.0 194.6

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

8.83

4000

3000

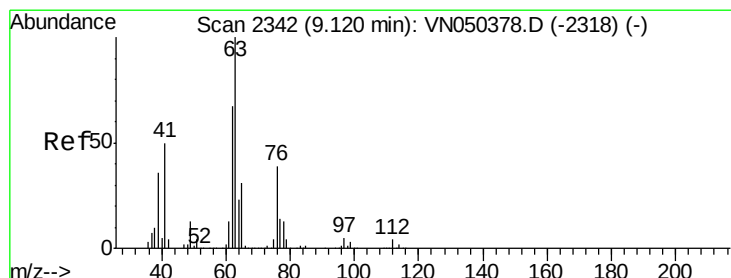
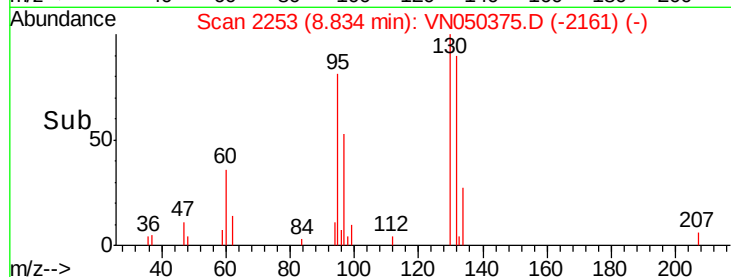
2000

1000

0

8.80 8.85 8.90

Time-->



#45

1,2-Dichloropropane

Concen: 0.94 ug/l

RT: 9.12 min Scan# 2343

Delta R.T. 0.00 min

Lab File: VN050375.D

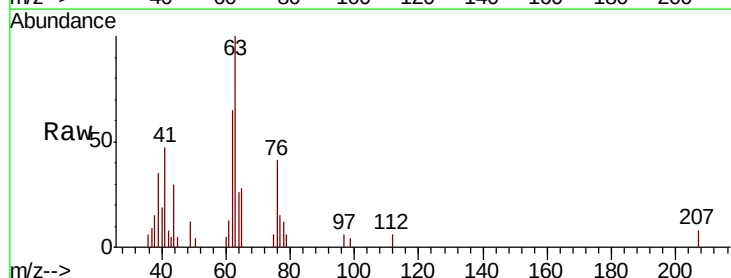
Acq: 6 Aug 2018 11:10

Tgt Ion: 63 Resp: 8006

Ion Ratio Lower Upper

63 100

65 28.4 25.5 38.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.12

4000

3000

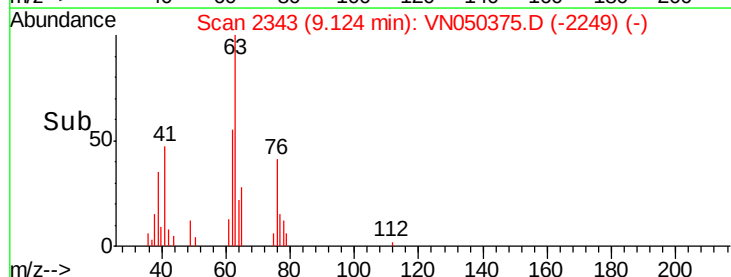
2000

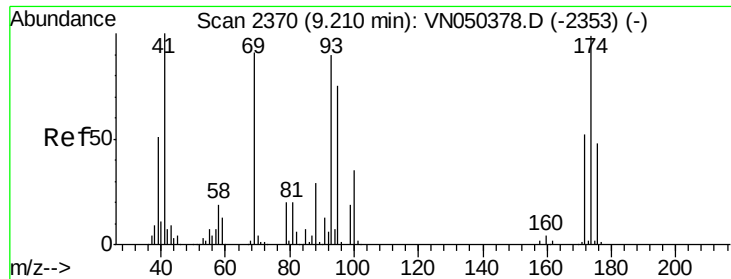
1000

0

9.05 9.10 9.15

Time-->





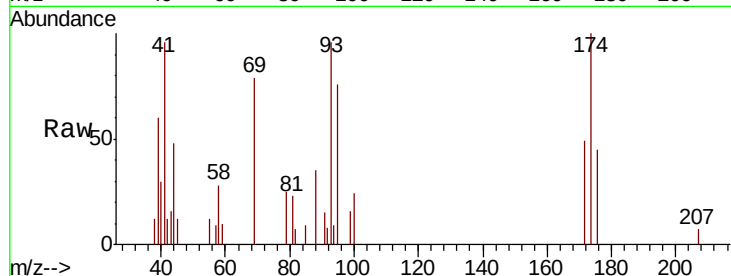
#46
Dibromomethane
Concen: 0.92 ug/l
RT: 9.21 min Scan# 2369
Delta R.T. -0.00 min
Lab File: VN050375.D
Acq: 6 Aug 2018 11:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

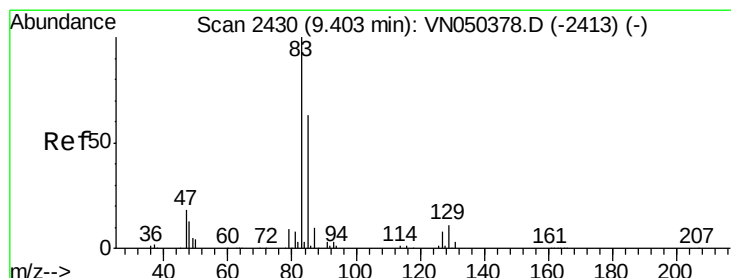
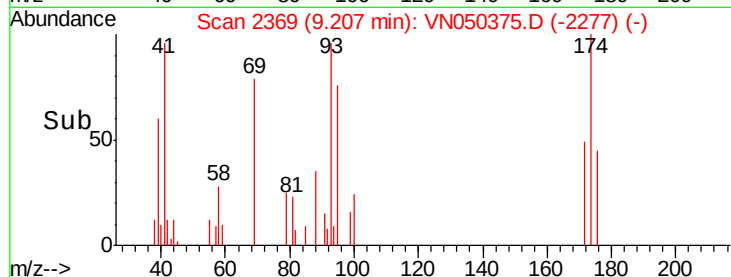
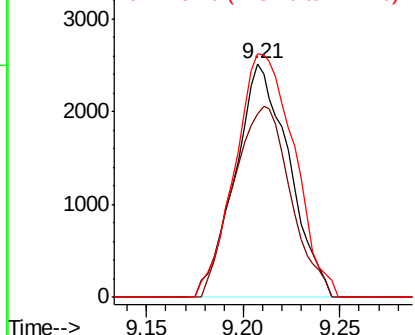
Tot Ion	Ratio	Lower	Upper
93	100		
95	86.7	66.6	100.0
174	114.3	87.1	130.7

Manual Integrations
APPROVED

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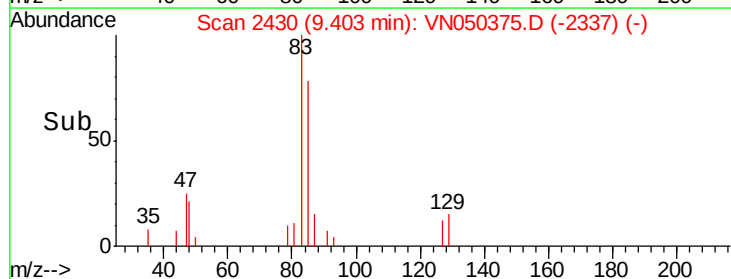
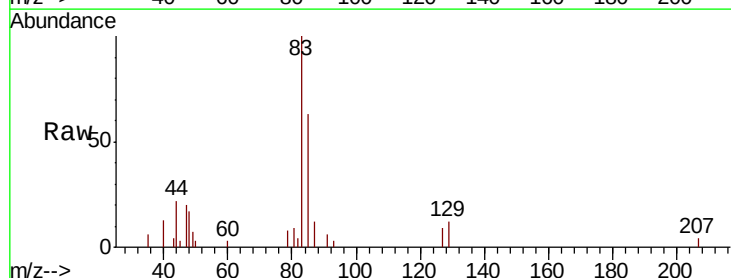
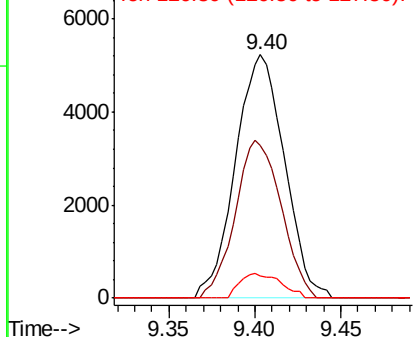
Abundance Ion 92.80 (92.50 to 93.50): VN0
Ion 94.80 (94.50 to 95.50): VN0
Ion 173.70 (173.40 to 174.40): V

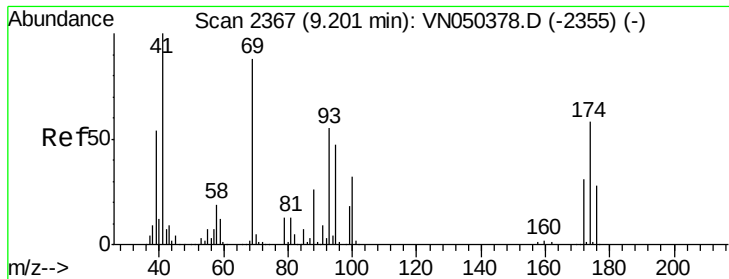


#47
Bromodichloromethane
Concen: 0.93 ug/l
RT: 9.40 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VN050375.D
Acq: 6 Aug 2018 11:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.6	51.1	76.7
127	9.2	7.0	10.4

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





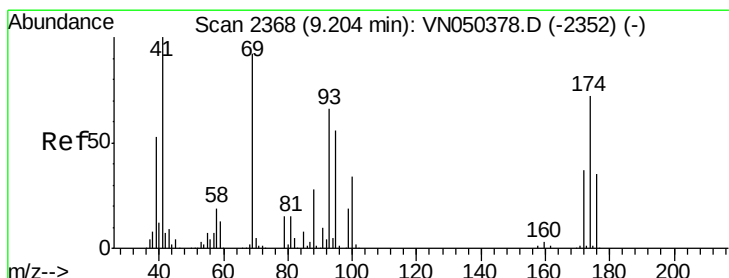
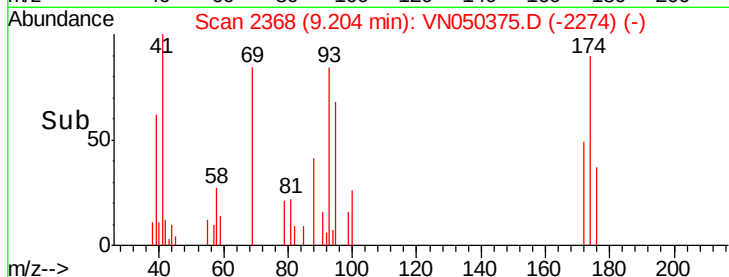
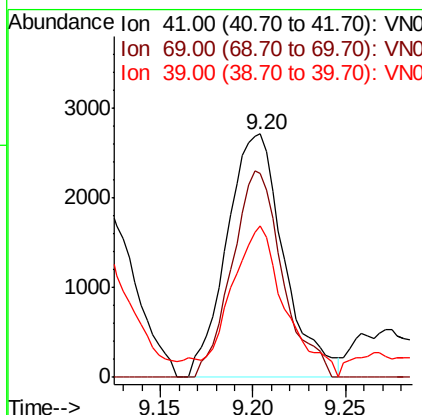
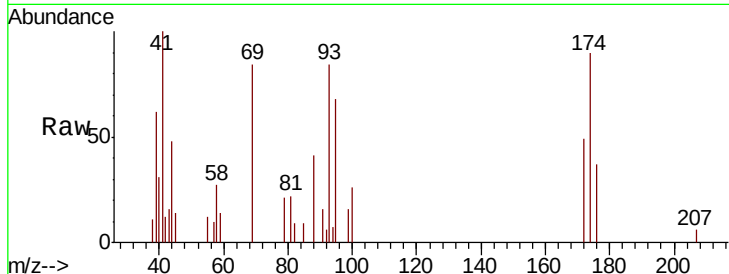
#48
Methvl methacrylate
Concen: 0.92 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN050375.D
Acq: 6 Aug 2018 11:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	75.0	70.6	105.8
39	57.9	43.9	65.9

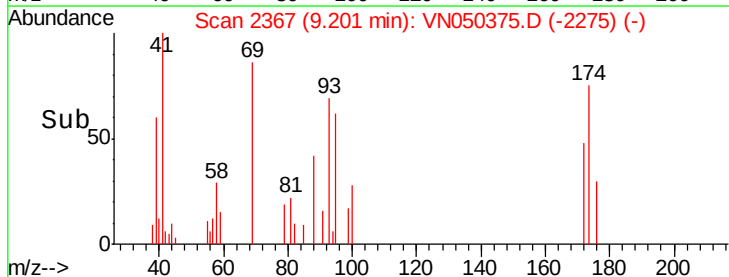
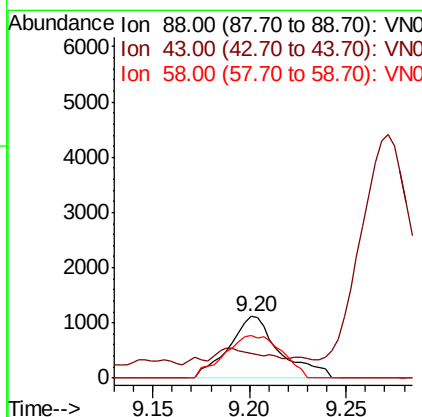
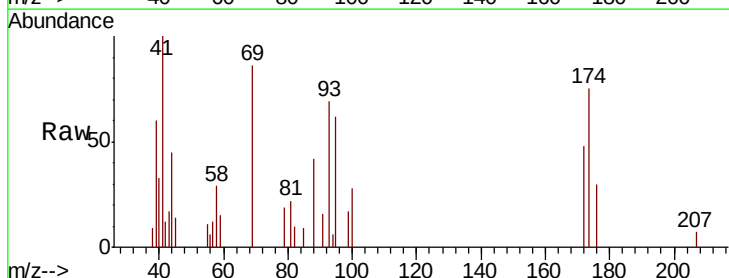
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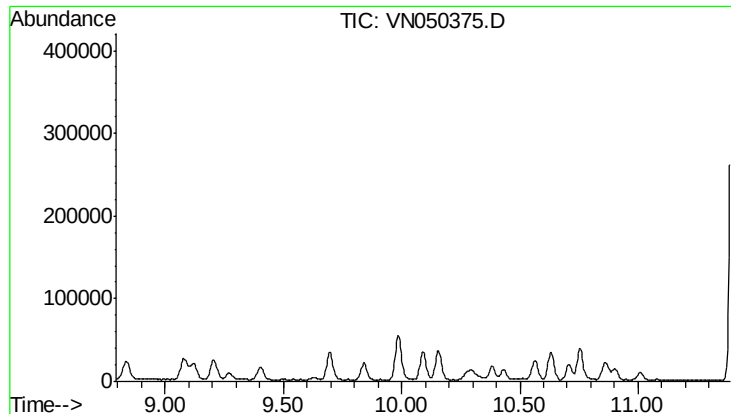
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#49
1,4-Dioxane
Concen: 23.68 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN050375.D
Acq: 6 Aug 2018 11:10

Tgt Ion	Ratio	Lower	Upper
88	100		
43	16.8	26.9	40.3#
58	77.7	57.3	85.9





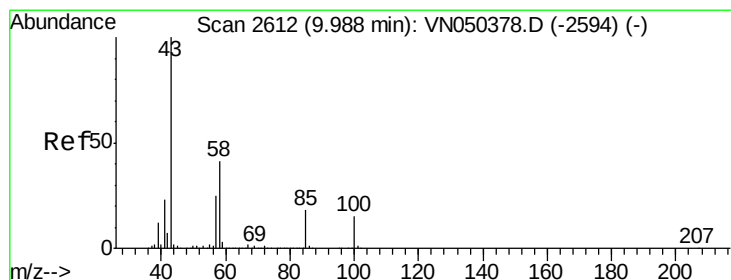
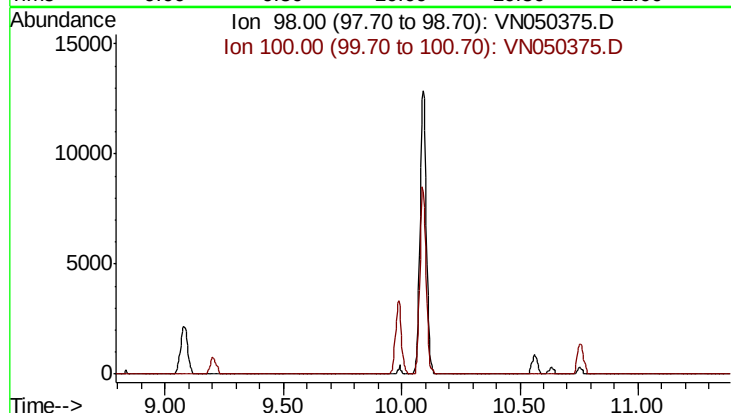
#50
Toluene-d8
Concen: 0.00 ug/l
Expected RT: 10.09 min
Lab File: VN050375.D
Acq: 6 Aug 2018 11:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 98
Sig Exp Ratio
98 100
100 63.4

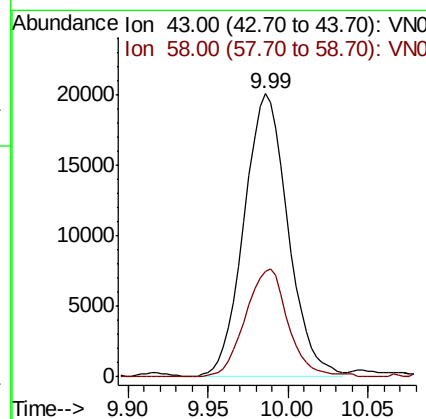
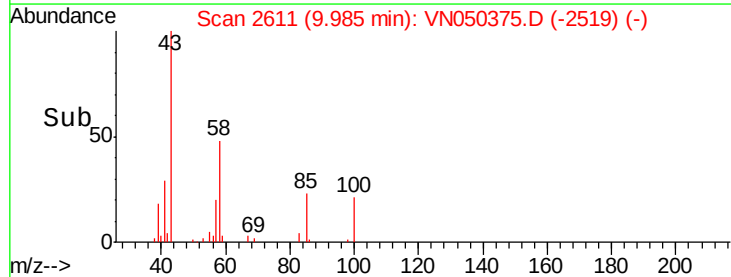
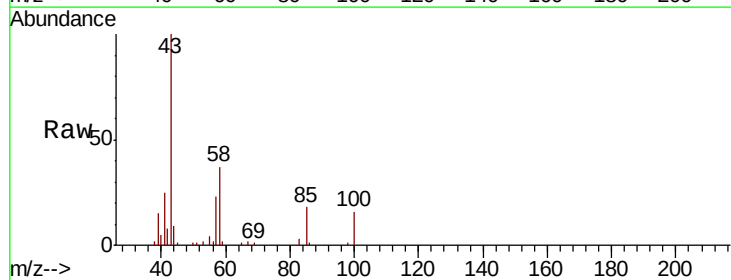
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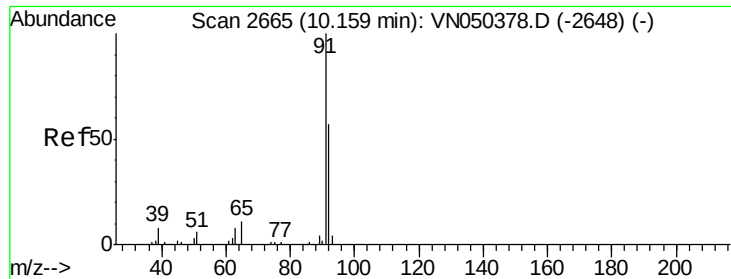
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#51
4-Methyl-2-Pentanone
Concen: 5.24 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. -0.00 min
Lab File: VN050375.D
Acq: 6 Aug 2018 11:10

Tgt Ion: 43 Resp: 37883
Ion Ratio Lower Upper
43 100
58 37.1 31.9 47.9





#52

Toluene

Concen: 0.84 ug/l

RT: 10.15 min Scan# 2663

Delta R.T. -0.01 min

Lab File: VN050375.D

Acq: 6 Aug 2018 11:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 15992

Ion Ratio Lower Upper

92 100

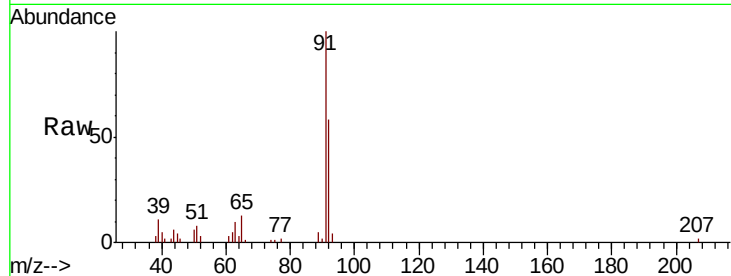
91 179.1 140.3 210.5

Manual Integrations

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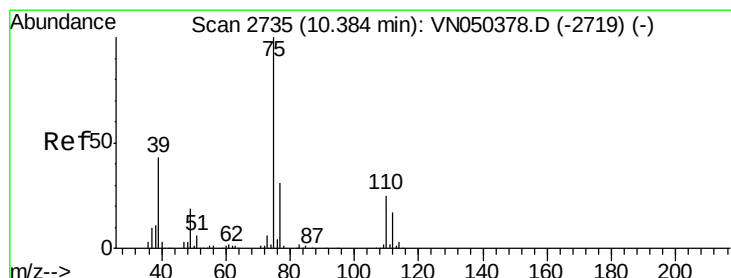
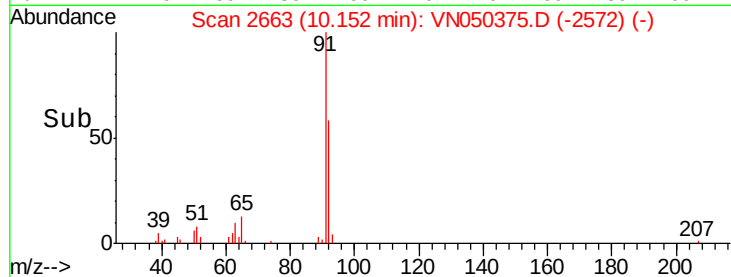
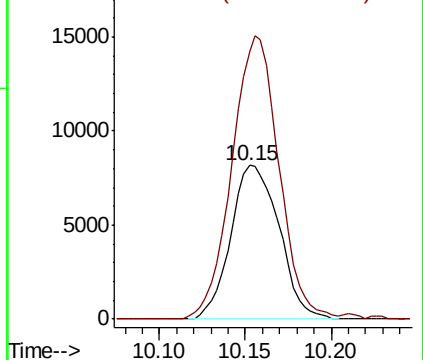
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Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#53

t-1,3-Dichloropropene

Concen: 0.85 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN050375.D

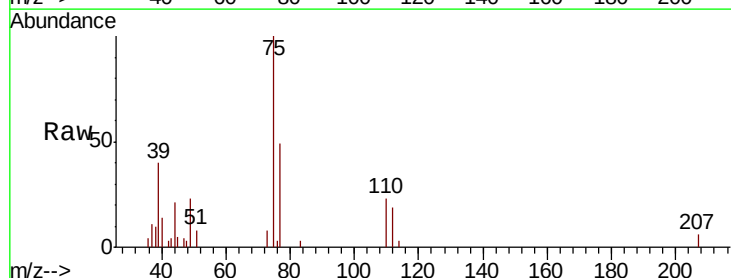
Acq: 6 Aug 2018 11:10

Tgt Ion: 75 Resp: 8977

Ion Ratio Lower Upper

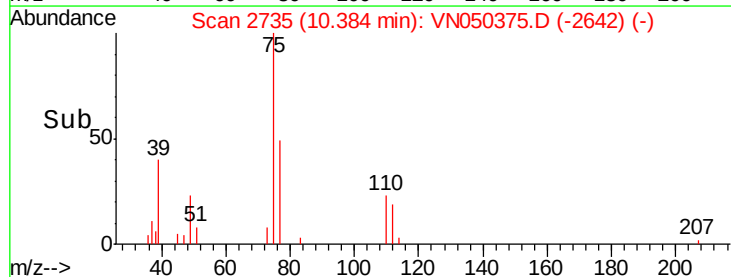
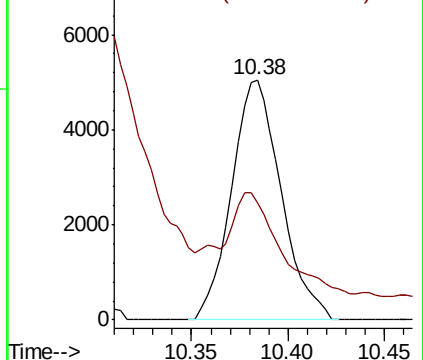
75 100

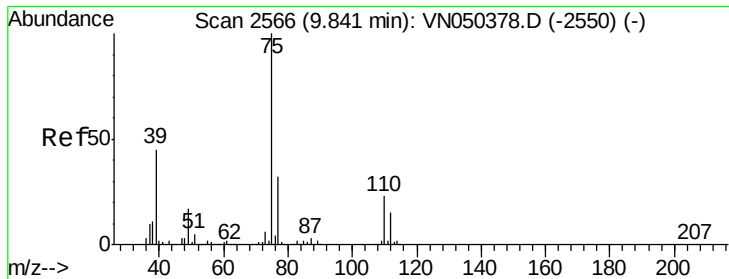
77 35.5 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0





#54

cis-1,3-Dichloropropene

Concen: 0.82 ug/l

RT: 9.84 min Scan# 2567

Delta R.T. 0.00 min

Lab File: VN050375.D

Acq: 6 Aug 2018 11:10

Instrument :

MSVOA_N

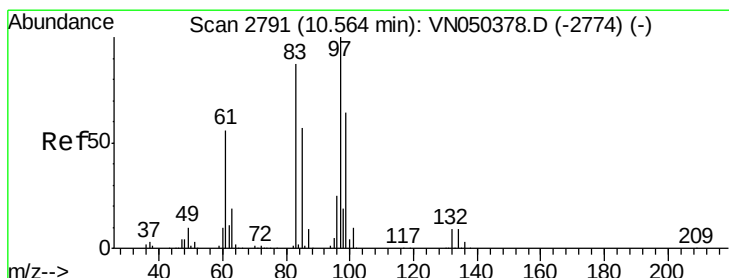
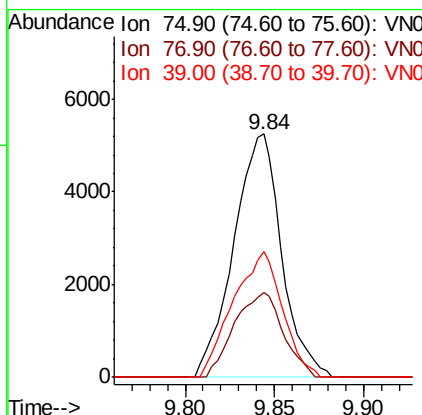
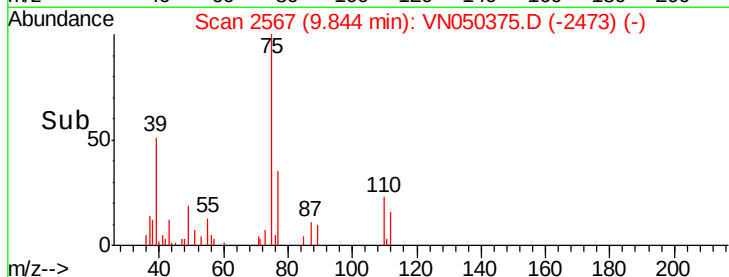
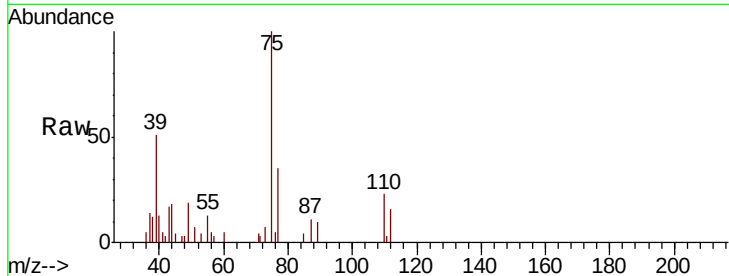
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	9800
Ion	Ratio	Lower	Upper
75	100		
77	34.9	25.5	38.3
39	51.5	36.6	55.0

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#55

1,1,2-Trichloroethane

Concen: 0.93 ug/l

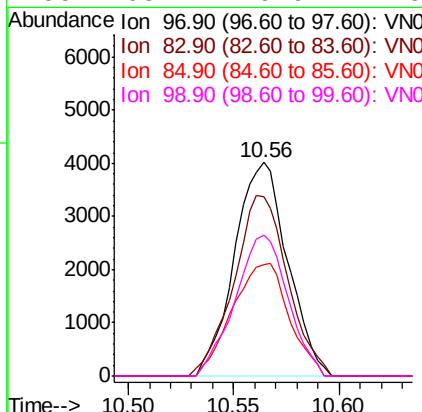
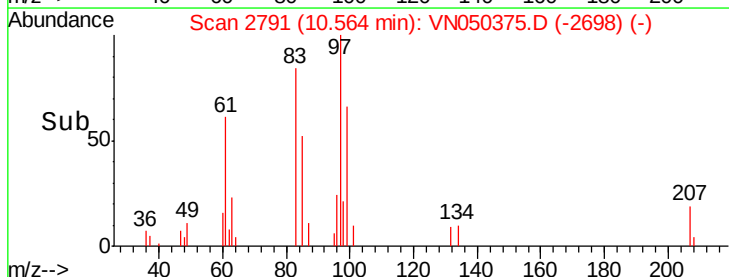
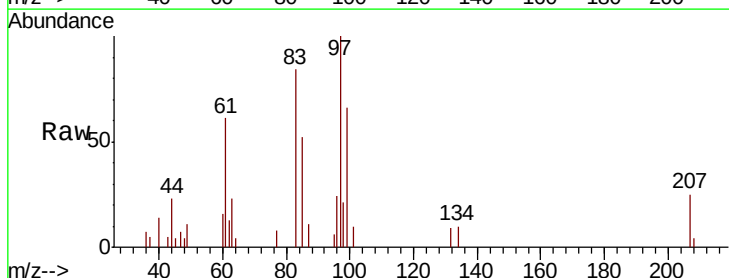
RT: 10.56 min Scan# 2791

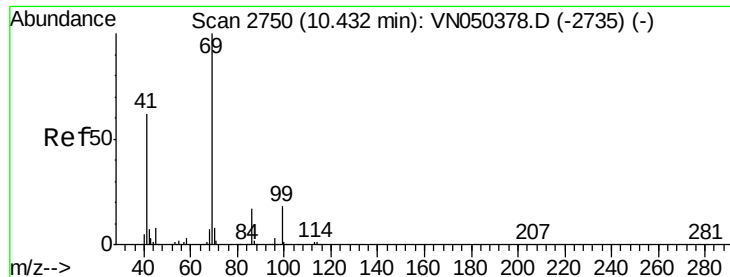
Delta R.T. 0.00 min

Lab File: VN050375.D

Acq: 6 Aug 2018 11:10

Tgt Ion:	97	Resp:	7015
Ion	Ratio	Lower	Upper
97	100		
83	83.9	69.2	103.8
85	52.4	44.0	66.0
99	65.7	49.9	74.9





#56

Ethyl methacrylate

Concen: 0.75 ug/l

RT: 10.43 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VN050375.D

Acq: 6 Aug 2018 11:10

Instrument :

MSVOA_N

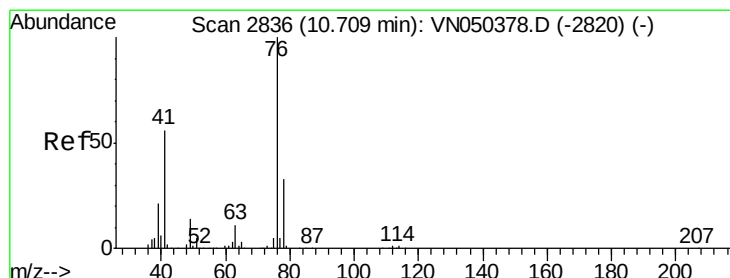
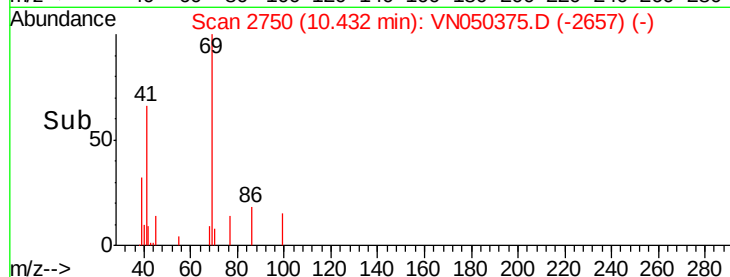
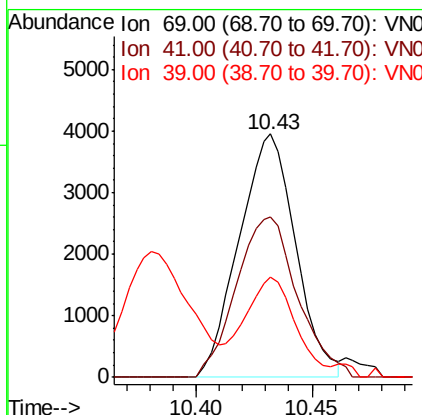
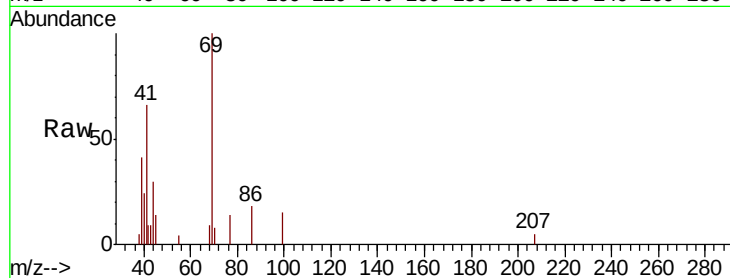
ClientSampled :

VSTDIC001

Tot Ion:	69	Resp:	6690
Ion	Ratio	Lower	Upper
69	100		
41	71.4	51.0	76.4
39	32.1	26.6	40.0

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#57

1,3-Dichloropropane

Concen: 0.91 ug/l

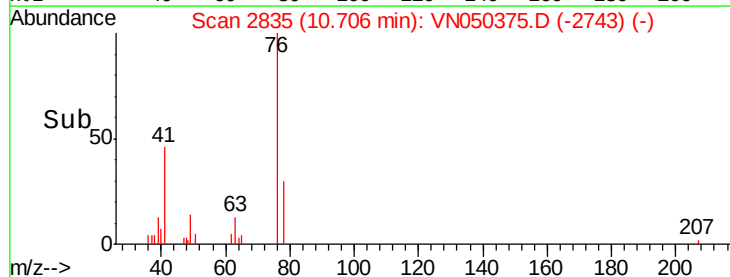
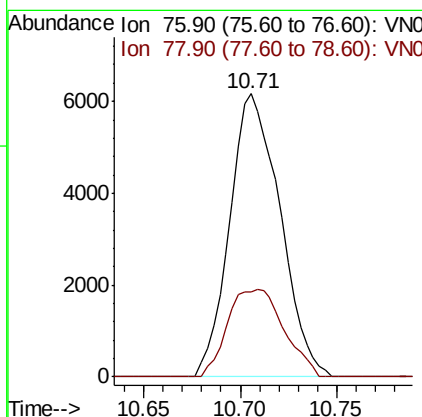
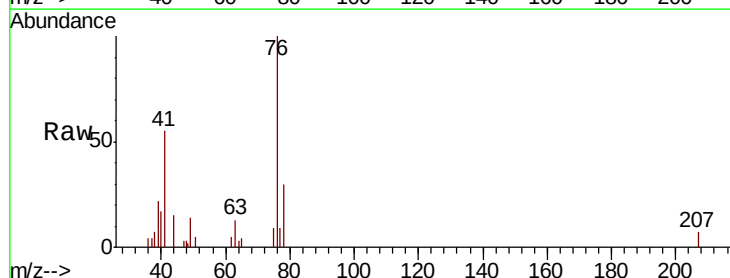
RT: 10.71 min Scan# 2835

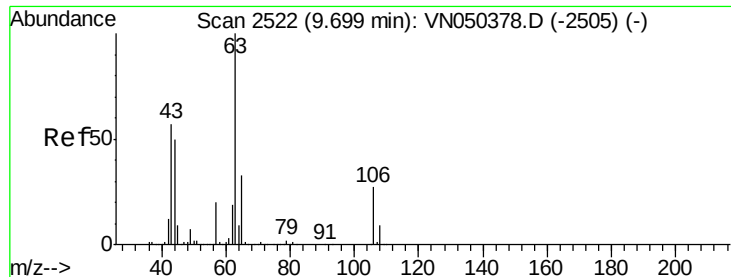
Delta R.T. -0.00 min

Lab File: VN050375.D

Acq: 6 Aug 2018 11:10

Tgt Ion:	76	Resp:	11141
Ion	Ratio	Lower	Upper
76	100		
78	34.6	25.7	38.5





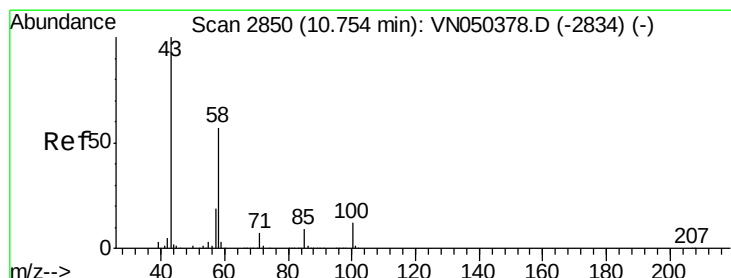
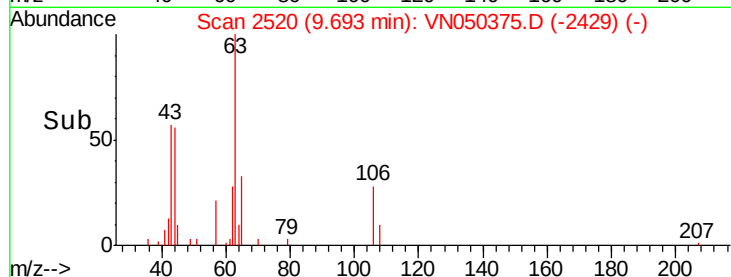
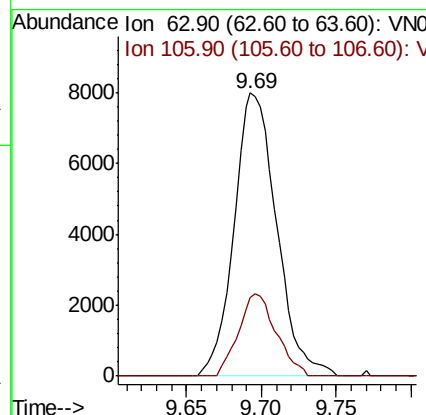
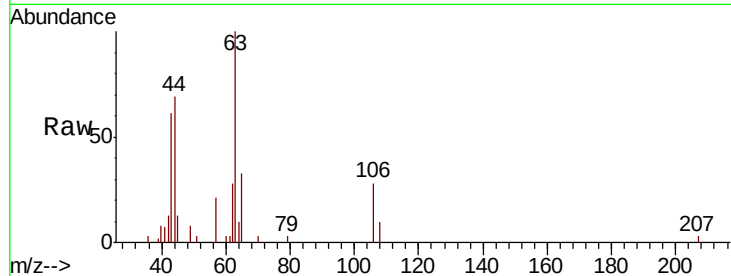
#58
 2-Chloroethyl Vinyl ether
 Concen: 3.82 ug/l
 RT: 9.69 min Scan# 2520
 Delta R.T. -0.01 min
 Lab File: VN050375.D
 Acq: 6 Aug 2018 11:10

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion: 63 Resp: 15791
 Ion Ratio Lower Upper
 63 100
 106 25.7 21.7 32.5

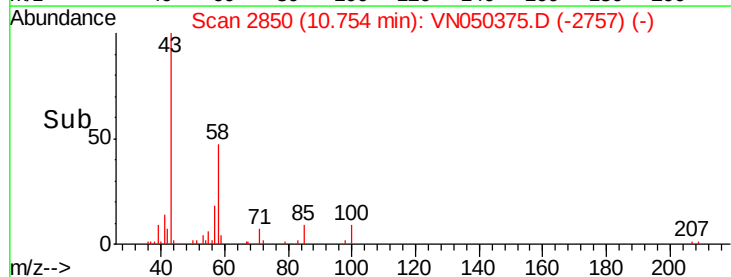
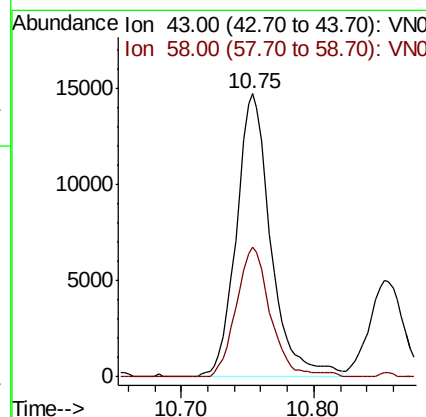
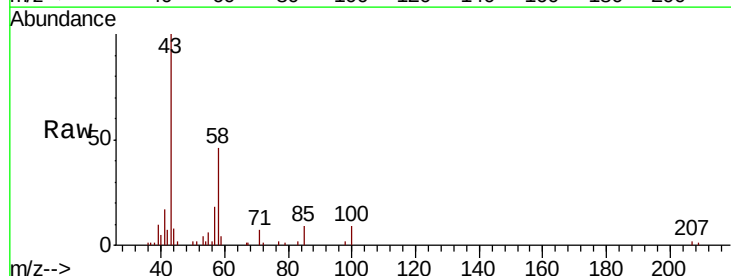
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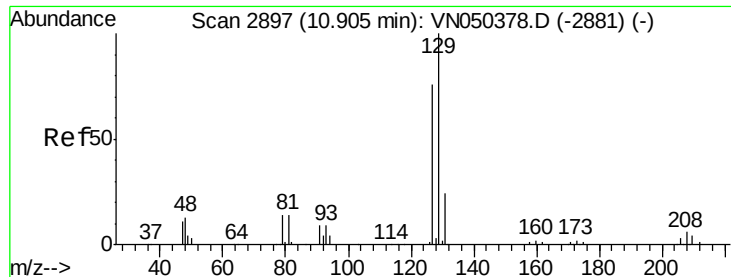
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#59
 2-Hexanone
 Concen: 5.59 ug/l
 RT: 10.75 min Scan# 2850
 Delta R.T. 0.00 min
 Lab File: VN050375.D
 Acq: 6 Aug 2018 11:10

Tgt Ion: 43 Resp: 26652
 Ion Ratio Lower Upper
 43 100
 58 44.8 27.6 82.7





#60

Dibromochloromethane

Concen: 0.92 ug/l

RT: 10.90 min Scan# 2896

Delta R.T. -0.00 min

Lab File: VN050375.D

Acq: 6 Aug 2018 11:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 7676

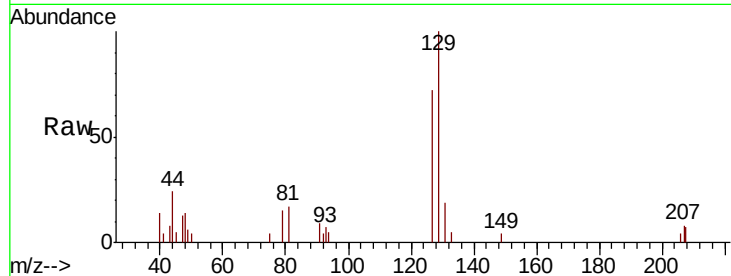
Ion Ratio Lower Upper

129 100

127 73.7 38.0 113.9

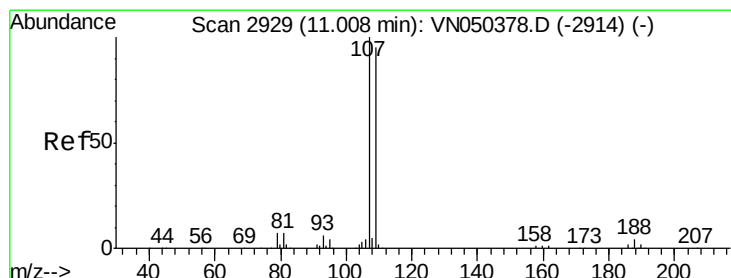
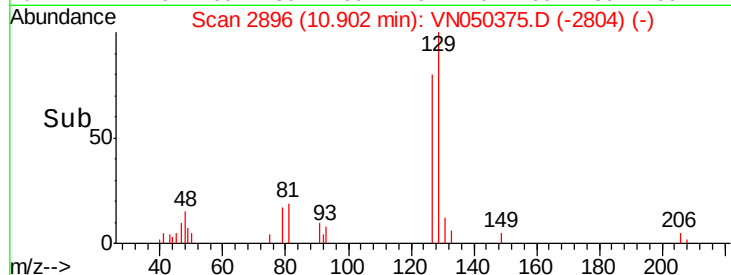
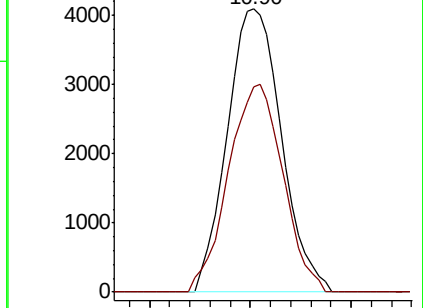
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 0.81 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VN050375.D

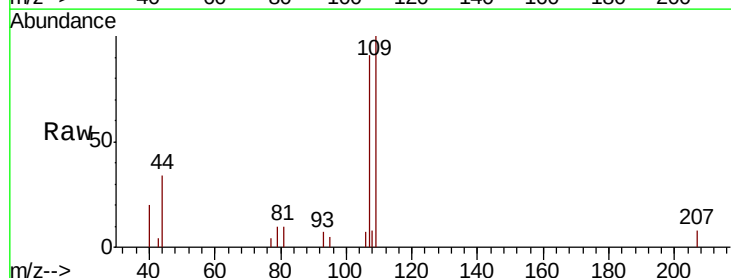
Acq: 6 Aug 2018 11:10

Tgt Ion:107 Resp: 6072

Ion Ratio Lower Upper

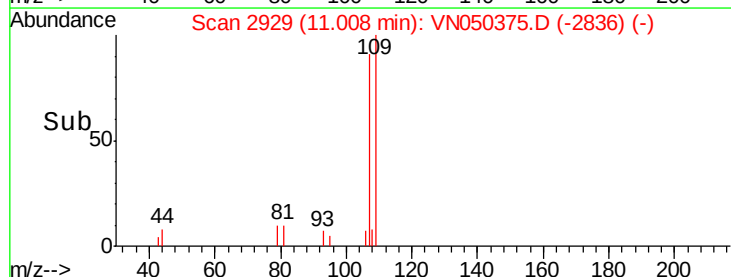
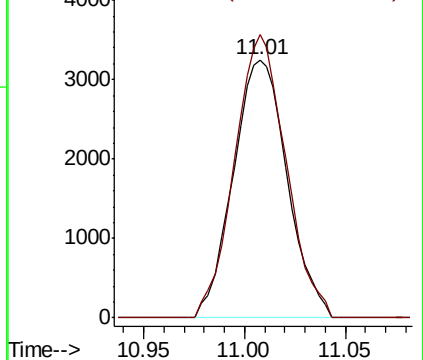
107 100

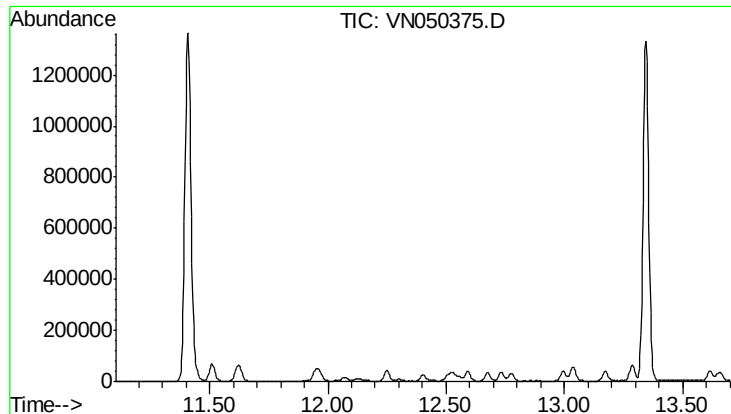
109 104.7 74.6 112.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





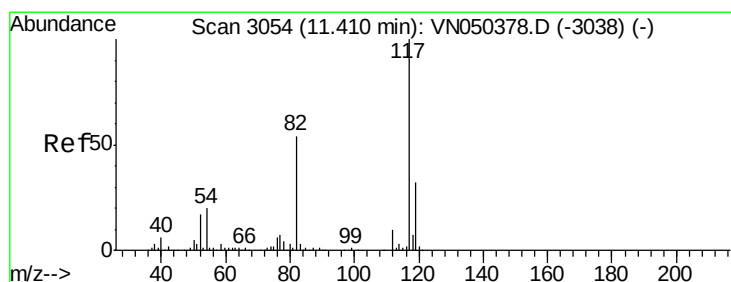
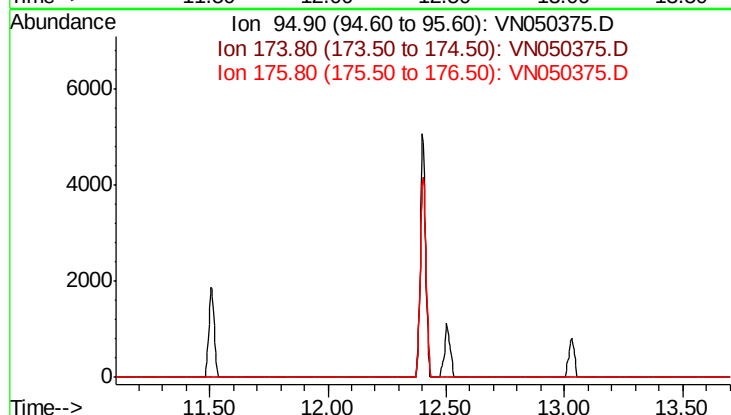
#62
 4-Bromofluorobenzene
 Concen: 0.00 ug/l
 Expected RT: 12.40 min
 Lab File: VN050375.D
 Acq: 6 Aug 2018 11:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	95
Sig	Exp Ratio
95	100
174	89.1
176	86.7

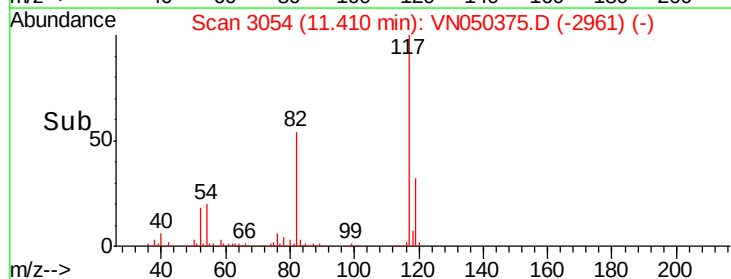
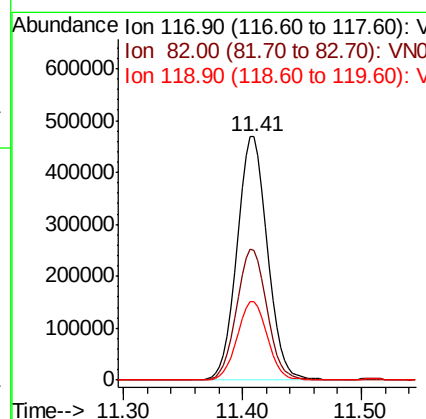
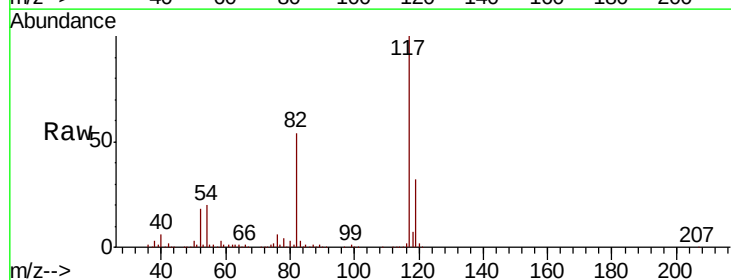
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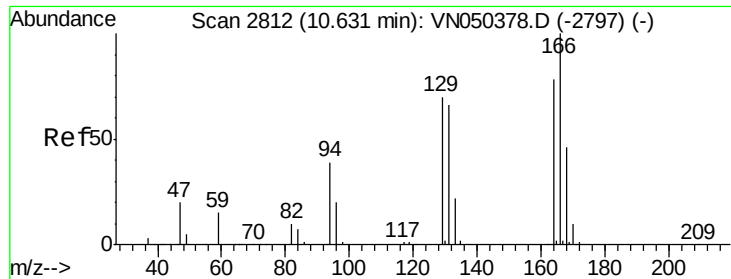
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#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.41 min Scan# 3054
 Delta R.T. 0.00 min
 Lab File: VN050375.D
 Acq: 6 Aug 2018 11:10

Tgt Ion	117	Resp	829895
Ion	Ratio	Lower	Upper
117	100		
82	53.5	43.7	65.5
119	32.5	26.1	39.1





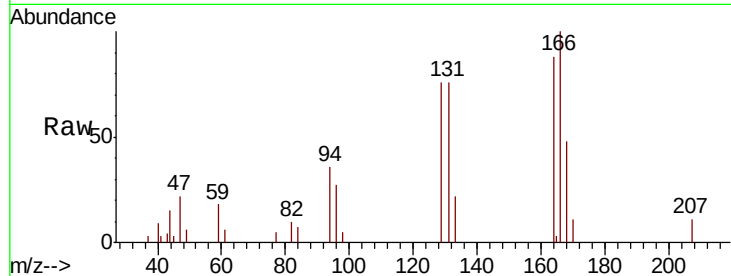
#64
Tetrachloroethene
Concen: 0.99 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. 0.00 min
Lab File: VN050375.D
Acq: 6 Aug 2018 11:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
164	100		
166	113.9	102.1	153.1
129	87.1	73.2	109.8
131	86.4	70.6	106.0

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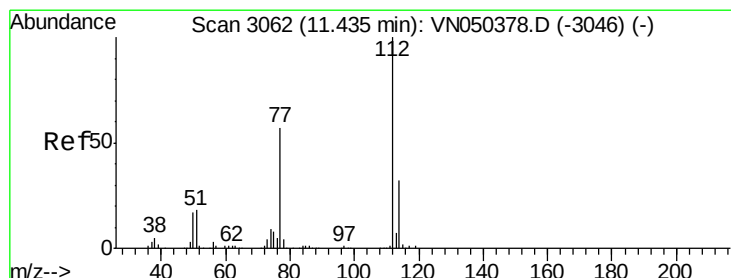
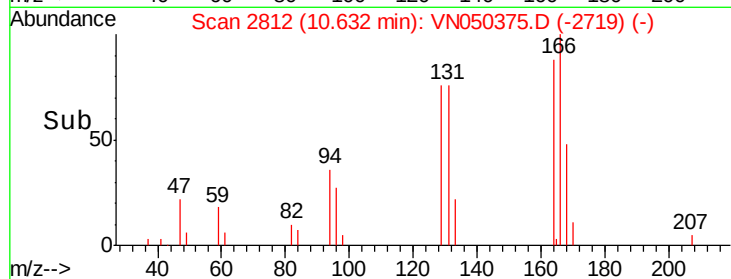
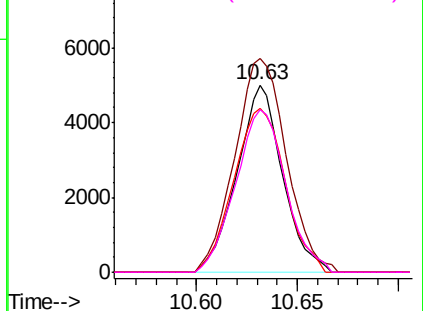
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

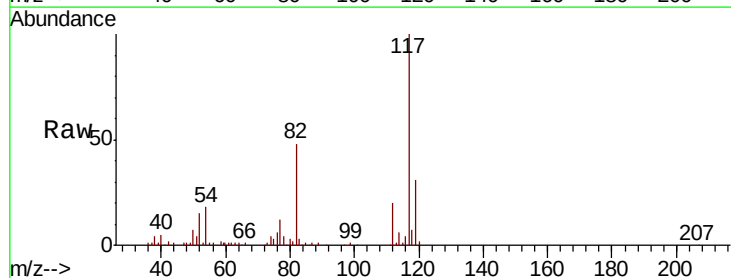
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65
Chlorobenzene
Concen: 1.06 ug/l
RT: 11.43 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN050375.D
Acq: 6 Aug 2018 11:10

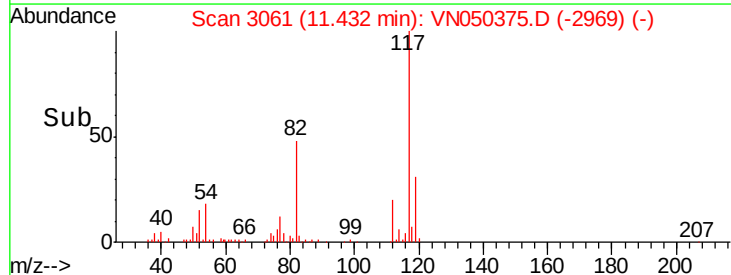
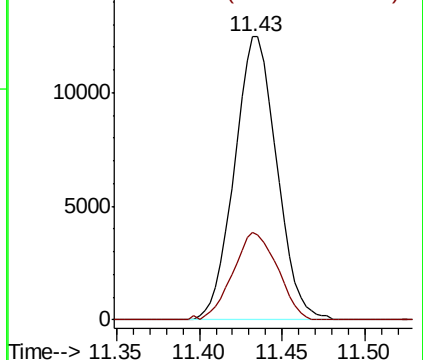
Tgt Ion	Ratio	Lower	Upper
112	100		
114	30.9	25.6	38.4

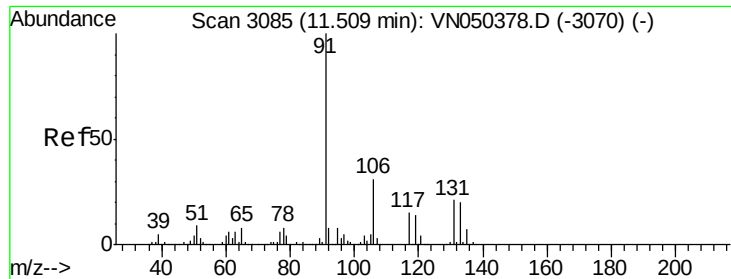


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





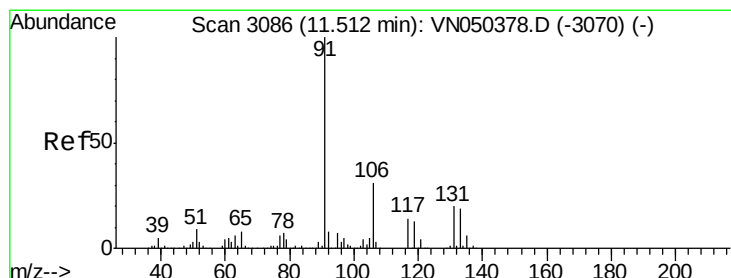
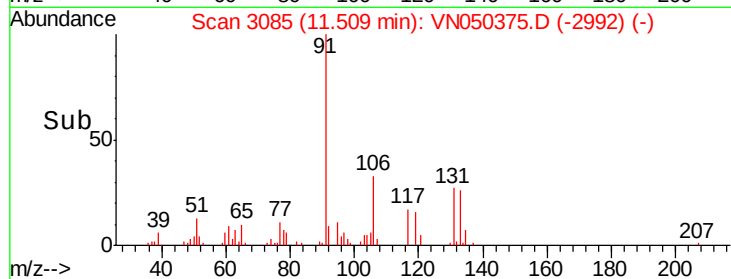
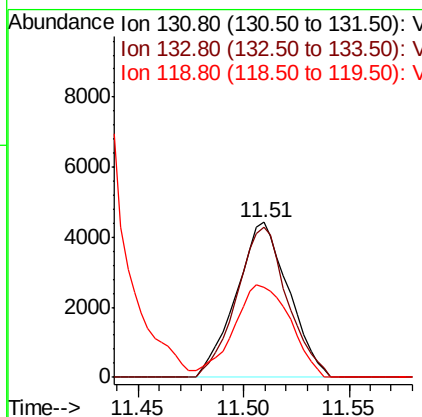
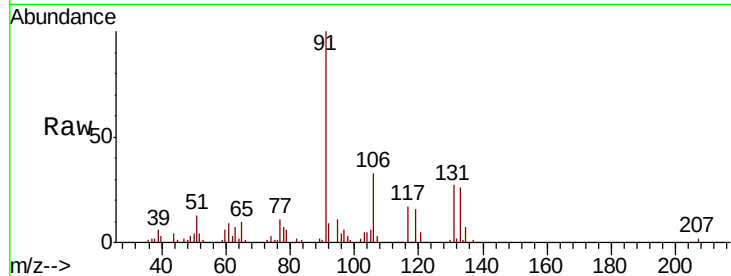
#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.95 ug/l
 RT: 11.51 min Scan# 3085
 Delta R.T. 0.00 min
 Lab File: VN050375.D
 Acq: 6 Aug 2018 11:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	93.8	47.3	141.9
119	0.0	32.9	98.7#

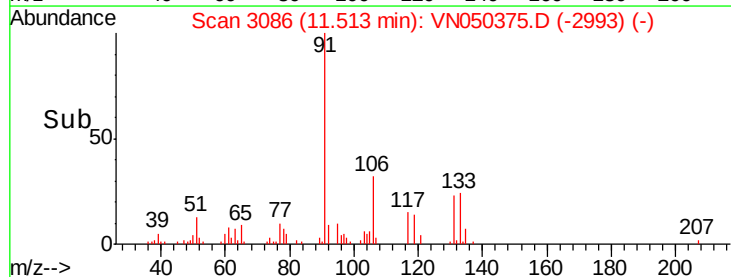
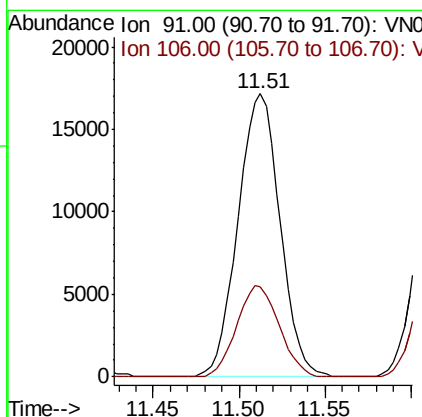
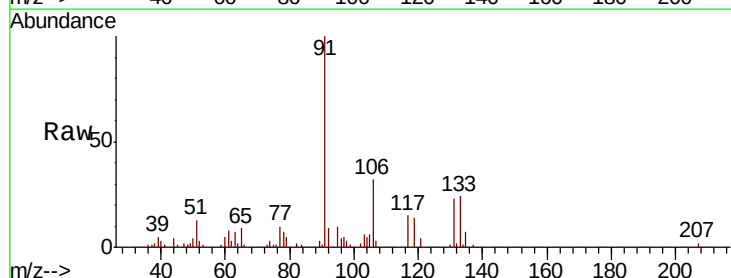
Manual Integrations
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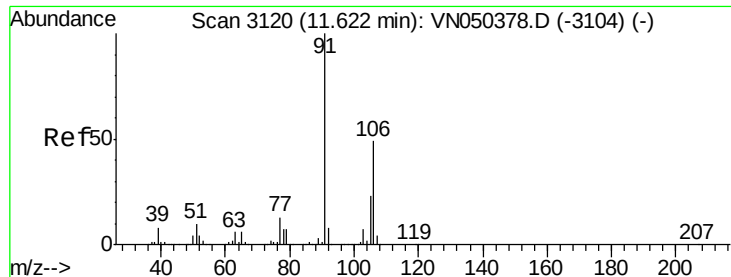
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#67
 Ethyl Benzene
 Concen: 0.86 ug/l
 RT: 11.51 min Scan# 3086
 Delta R.T. 0.00 min
 Lab File: VN050375.D
 Acq: 6 Aug 2018 11:10

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.7	25.0	37.4





#68

m/p-Xylenes

Concen: 1.62 ug/l

RT: 11.63 min Scan# 3121

Delta R.T. 0.00 min

Lab File: VN050375.D

Acq: 6 Aug 2018 11:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:106 Resp: 20575

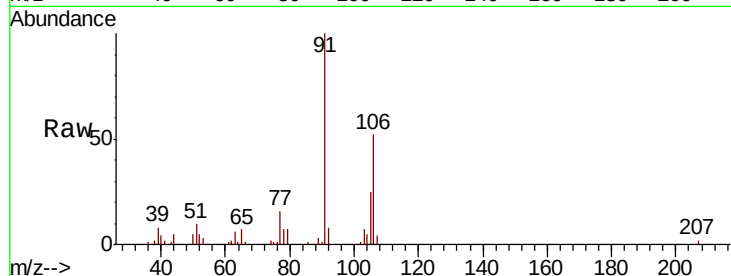
Ion Ratio Lower Upper

106 100

91 201.9 162.2 243.2

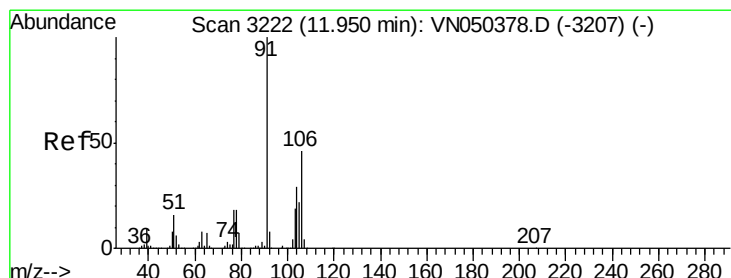
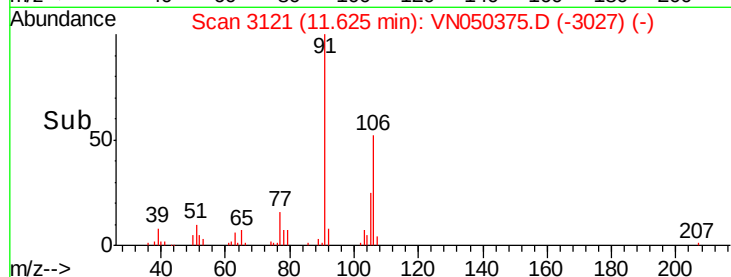
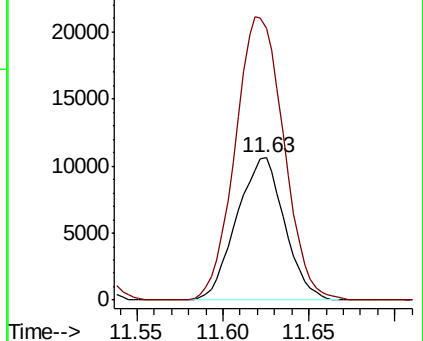
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#69

o-Xylene

Concen: 0.83 ug/l

RT: 11.95 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN050375.D

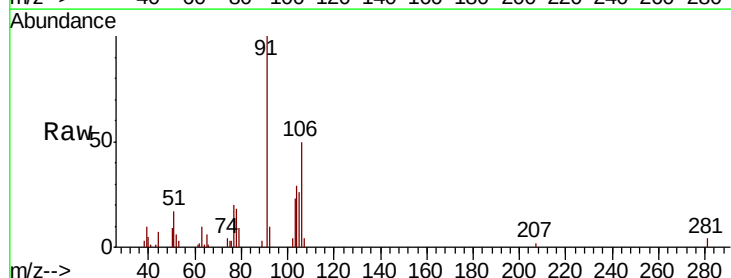
Acq: 6 Aug 2018 11:10

Tgt Ion:106 Resp: 10088

Ion Ratio Lower Upper

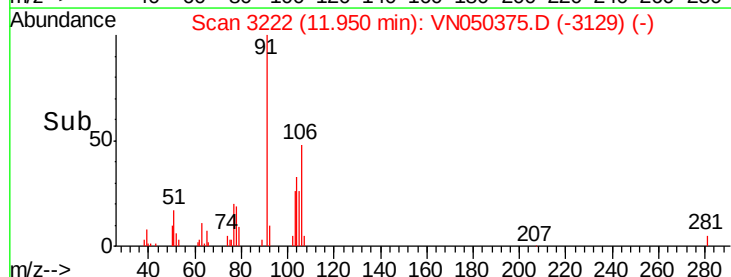
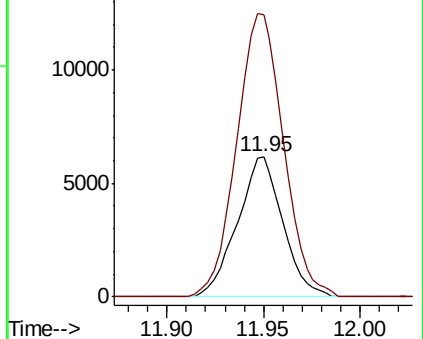
106 100

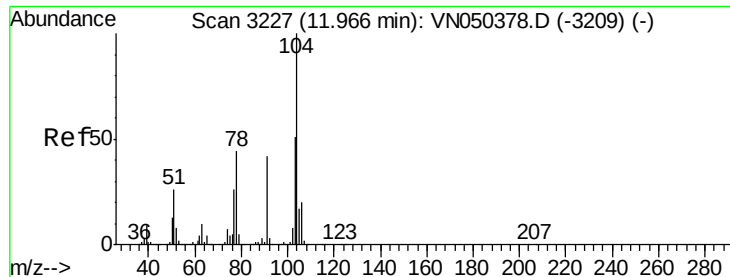
91 208.5 107.7 323.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN





#70

Stvrene

Concen: 0.78 ug/l

RT: 11.97 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VN050375.D

Acq: 6 Aug 2018 11:10

Instrument :

MSVOA_N

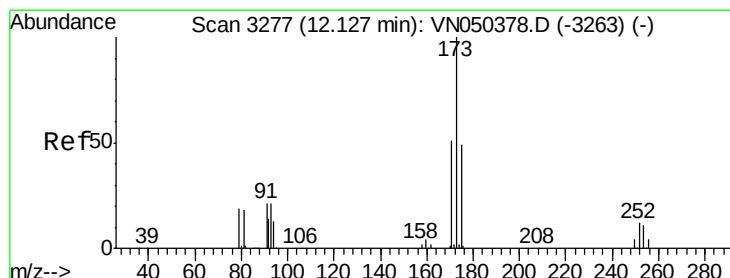
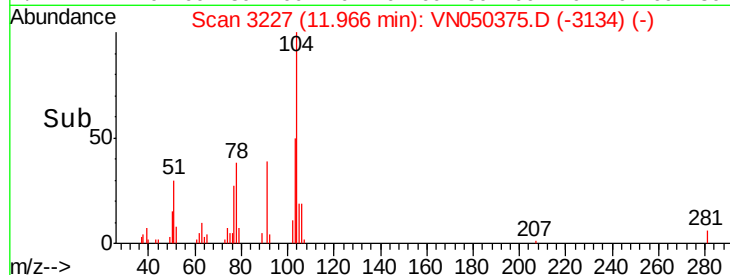
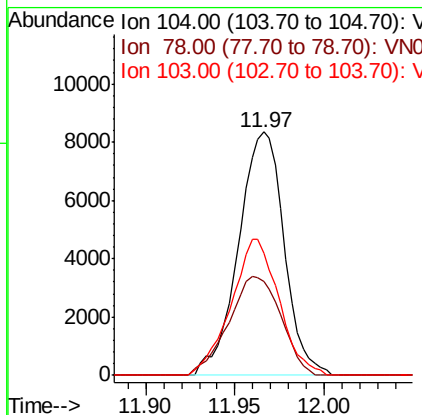
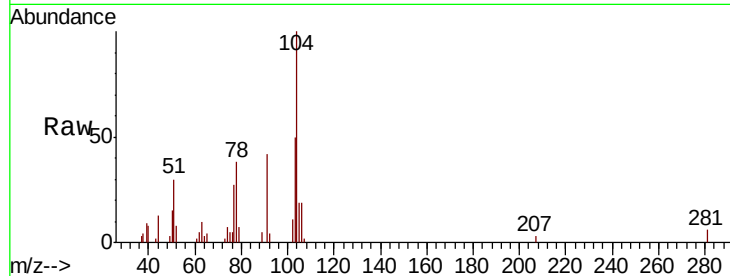
ClientSampled :

VSTDIC001

Tot Ion:	104	Resp:	14886
Ion Ratio	Lower	Upper	
104	100		
78	46.4	39.3	58.9
103	58.4	45.0	67.6

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#71

Bromoform

Concen: 0.83 ug/l

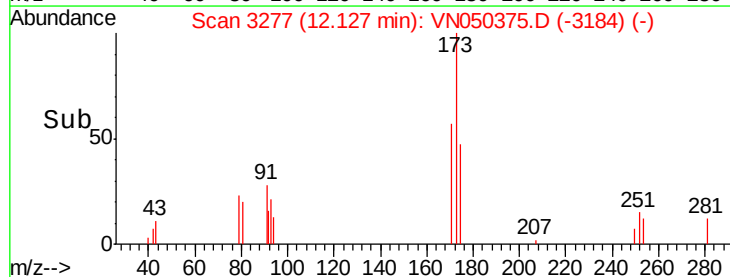
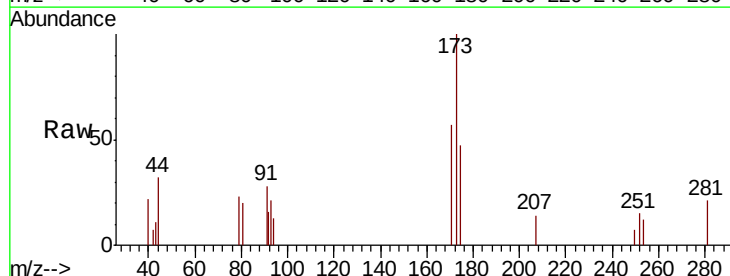
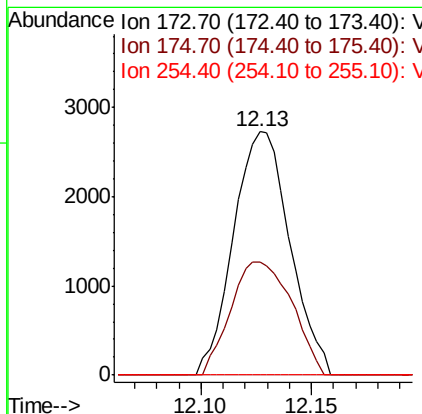
RT: 12.13 min Scan# 3277

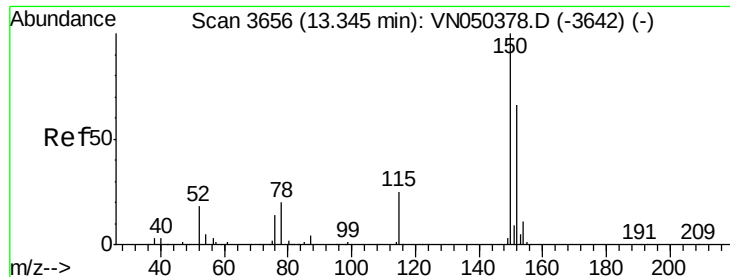
Delta R.T. 0.00 min

Lab File: VN050375.D

Acq: 6 Aug 2018 11:10

Tgt Ion:	173	Resp:	4834
Ion Ratio	Lower	Upper	
173	100		
175	50.3	24.1	72.2
254	0.0	0.2	0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050375.D

Acq: 6 Aug 2018 11:10

Instrument :

MSVOA_N

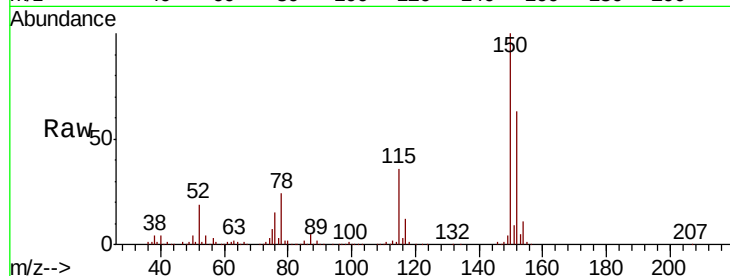
ClientSampleId :

VSTDIC001

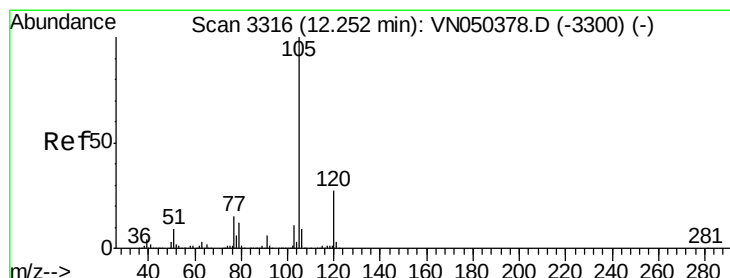
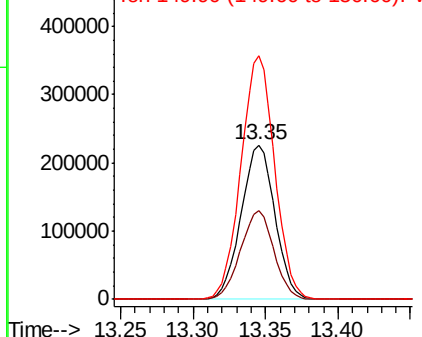
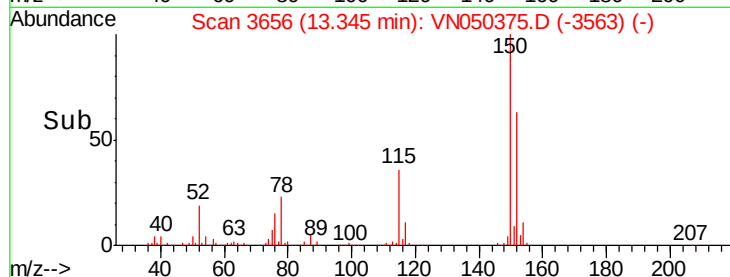
Tot Ion:	152	Resp:	367027
Ion Ratio	Lower	Upper	
152	100		
115	56.4	27.8	83.3
150	156.7	0.0	348.6

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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: 0.90 ug/l

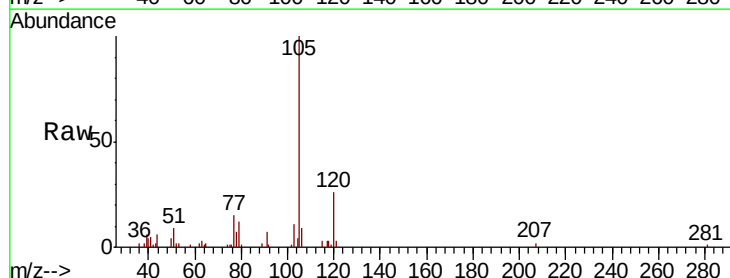
RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

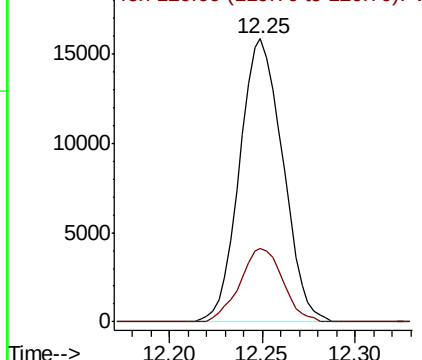
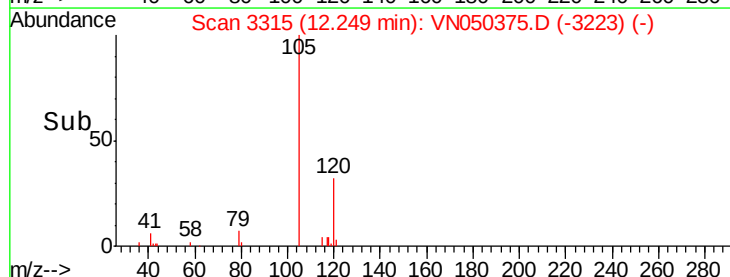
Lab File: VN050375.D

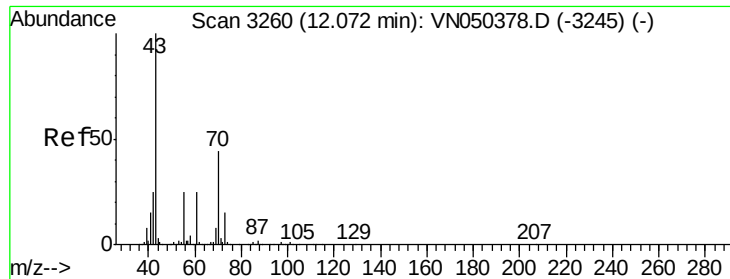
Acq: 6 Aug 2018 11:10

Tgt Ion:	105	Resp:	25639
Ion Ratio	Lower	Upper	
105	100		
120	25.8	13.3	39.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.98 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN050375.D

Acq: 6 Aug 2018 11:10

Instrument :

MSVOA_N

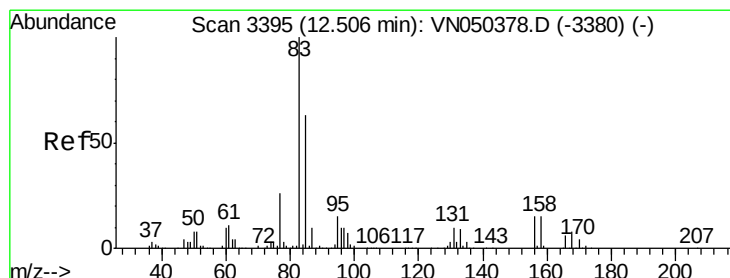
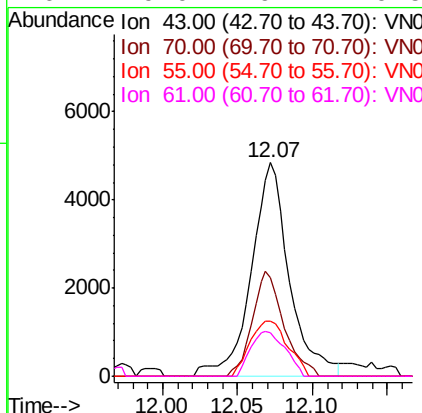
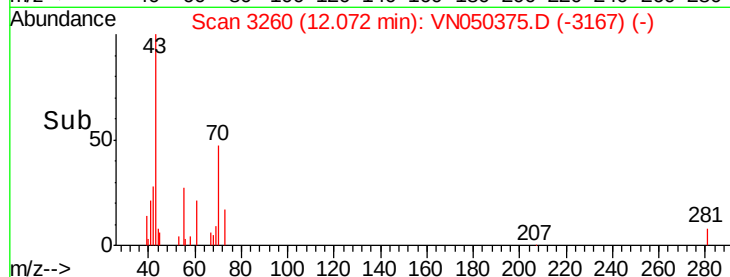
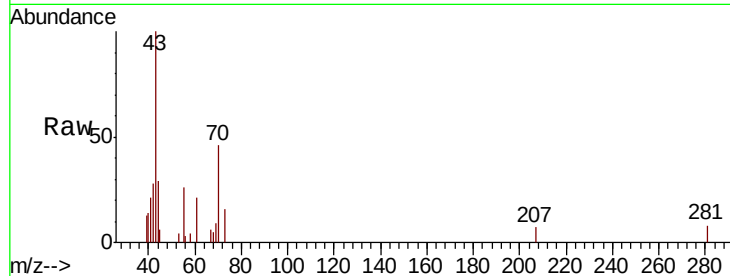
ClientSampleId :

VSTDIC001

Tot Ion:	43	Resp:	8538
Ion	Ratio	Lower	Upper
43	100		
70	40.5	34.4	51.6
55	25.8	20.8	31.2
61	19.0	19.7	29.5

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#75

1,1,2,2-Tetrachloroethane

Concen: 1.02 ug/l

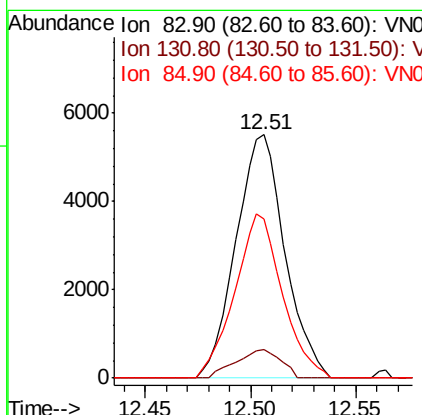
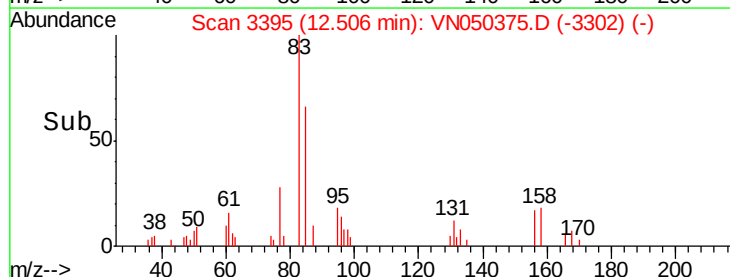
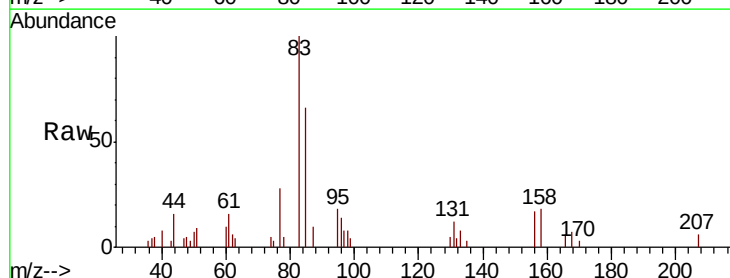
RT: 12.51 min Scan# 3395

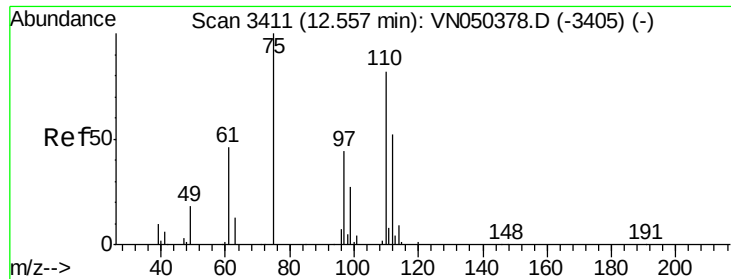
Delta R.T. 0.00 min

Lab File: VN050375.D

Acq: 6 Aug 2018 11:10

Tgt Ion:	83	Resp:	8881
Ion	Ratio	Lower	Upper
83	100		
131	10.7	5.1	15.3
85	65.5	32.3	96.8





#76

1,2,3-Trichloropropane

Concen: 1.09 ug/l m

RT: 12.55 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN050375.D

Acq: 6 Aug 2018 11:10

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 75 Resp: 7407

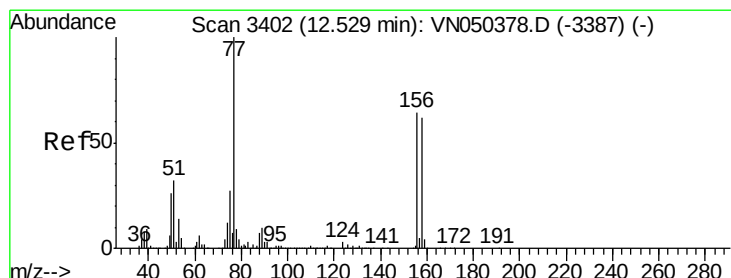
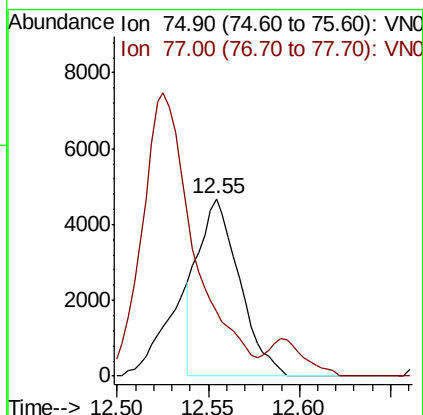
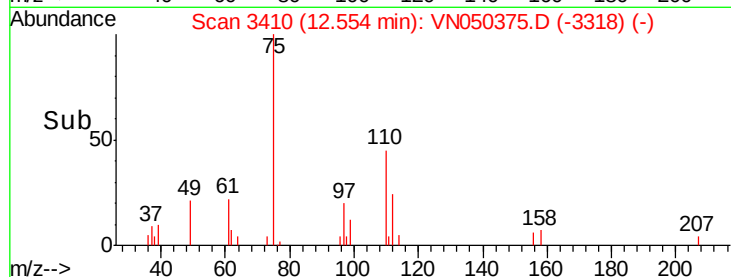
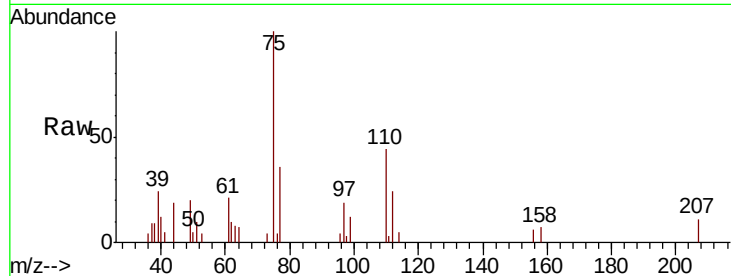
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

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#77

Bromobenzene

Concen: 0.97 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN050375.D

Acq: 6 Aug 2018 11:10

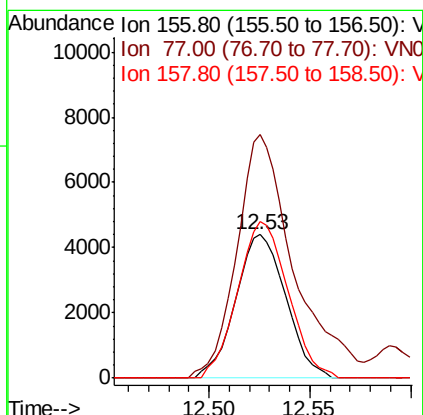
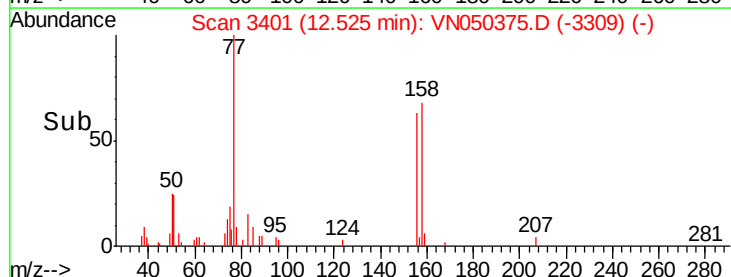
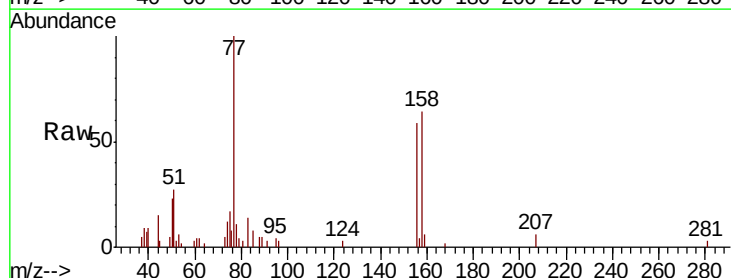
Tgt Ion: 156 Resp: 7641

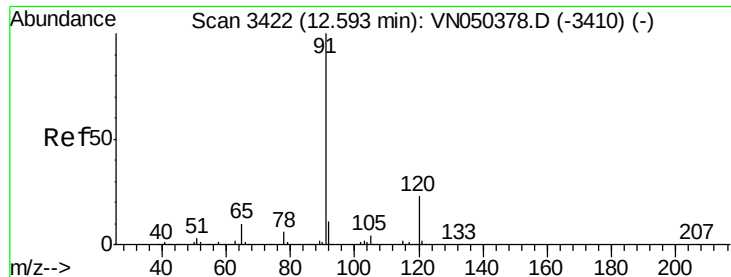
Ion Ratio Lower Upper

156 100

77 194.0 91.7 275.1

158 110.0 48.9 146.6





#78

n-propylbenzene

Concen: 0.87 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050375.D

Acq: 6 Aug 2018 11:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 27710

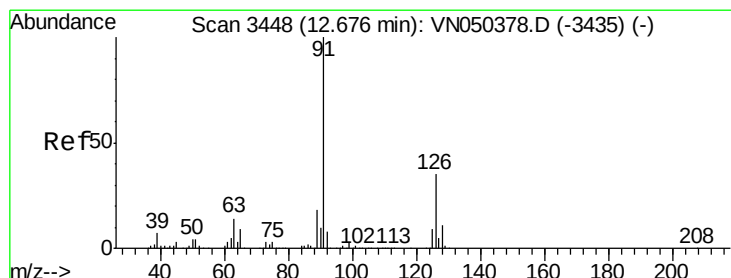
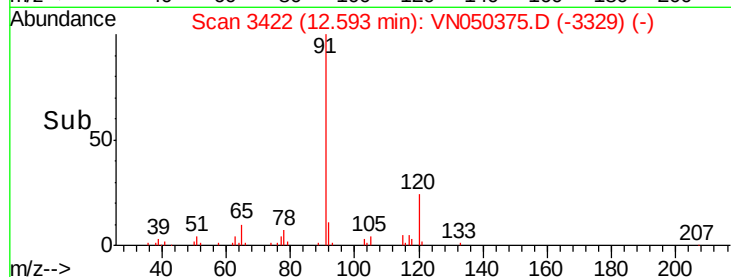
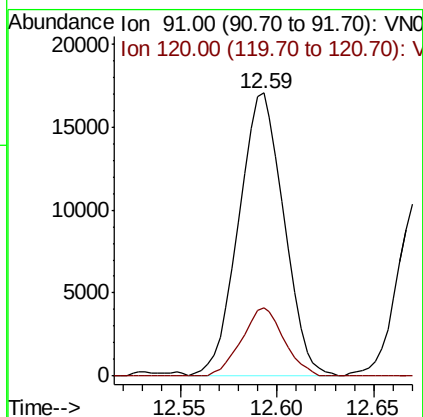
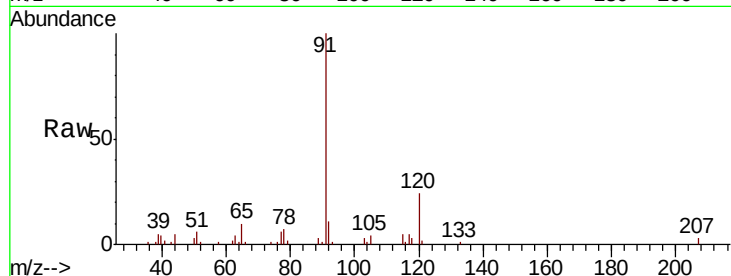
Ion Ratio Lower Upper

91 100

120 22.6 11.6 34.7

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#79

2-Chlorotoluene

Concen: 0.97 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN050375.D

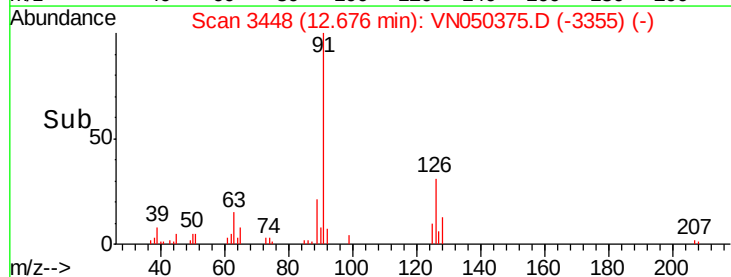
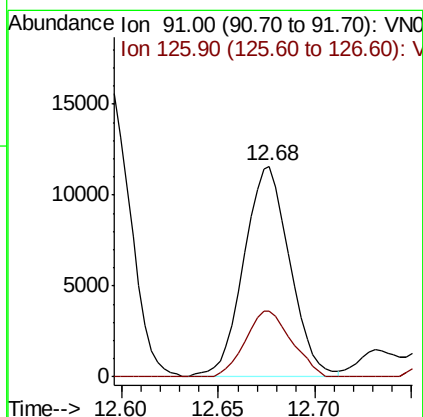
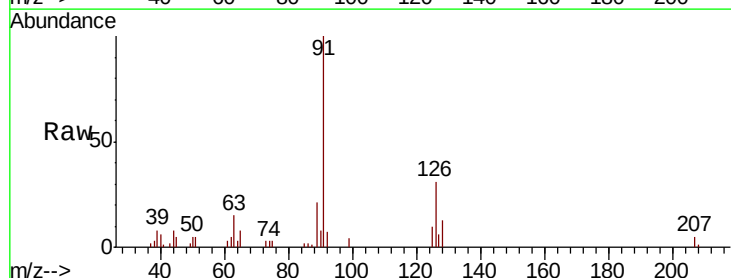
Acq: 6 Aug 2018 11:10

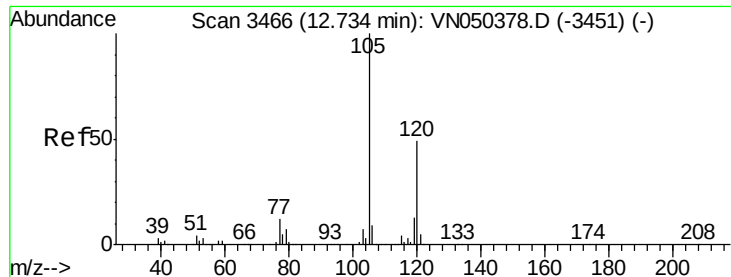
Tgt Ion: 91 Resp: 19213

Ion Ratio Lower Upper

91 100

126 31.3 17.6 52.8





#80

1,3,5-Trimethylbenzene

Concen: 0.83 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050375.D

Acq: 6 Aug 2018 11:10

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion:105 Resp: 18502

Ion Ratio Lower Upper

105 100

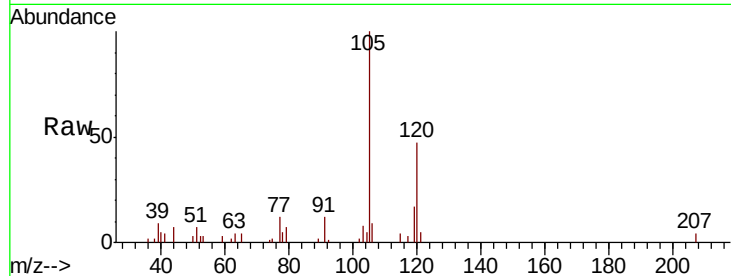
120 49.0 24.4 73.2

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

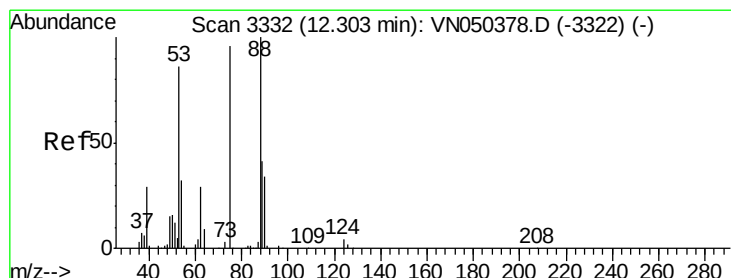
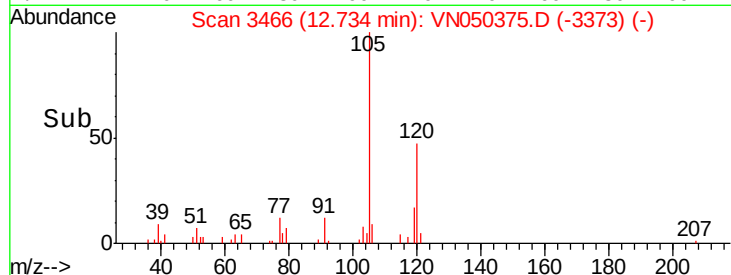
12.73

10000

5000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 0.68 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN050375.D

Acq: 6 Aug 2018 11:10

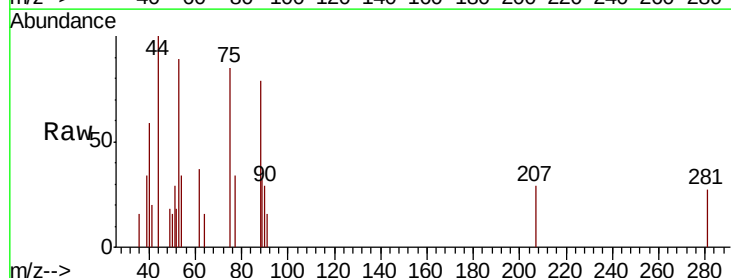
Tgt Ion: 75 Resp: 1461

Ion Ratio Lower Upper

75 100

53 97.0 73.5 110.3

89 13.9 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

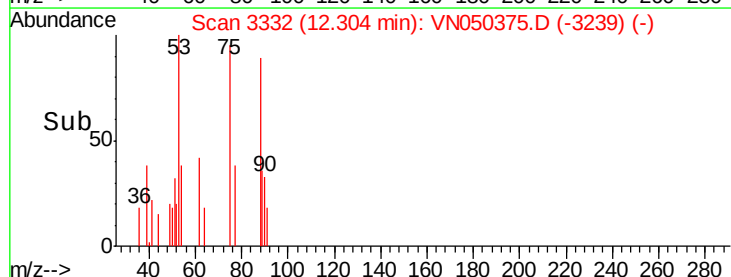
12.30

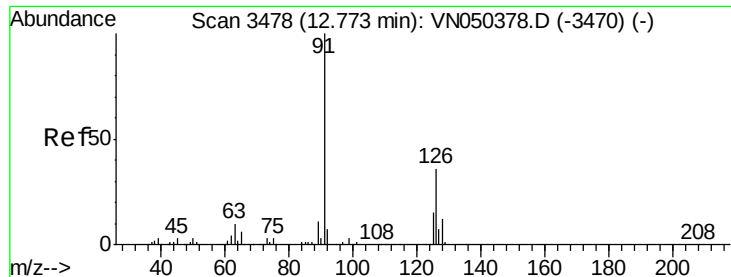
1000

500

0

Time-->





#82

4-Chlorotoluene

Concen: 0.90 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. 0.00 min

Lab File: VN050375.D

Acq: 6 Aug 2018 11:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 17553

Ion Ratio Lower Upper

91 100

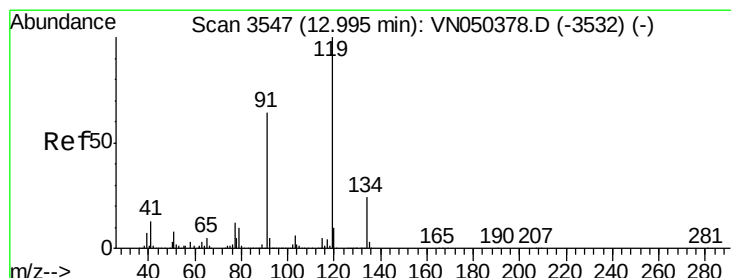
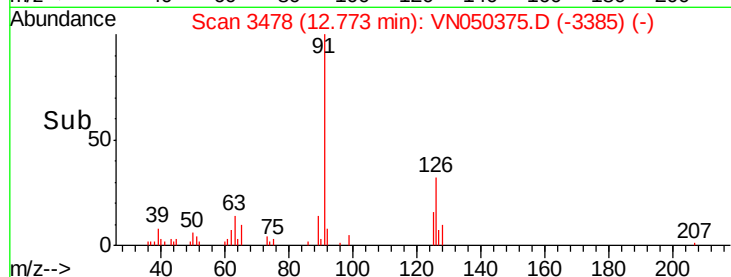
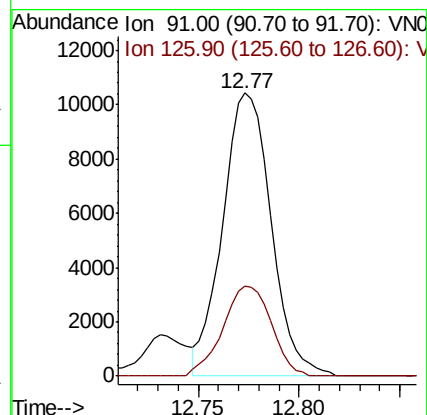
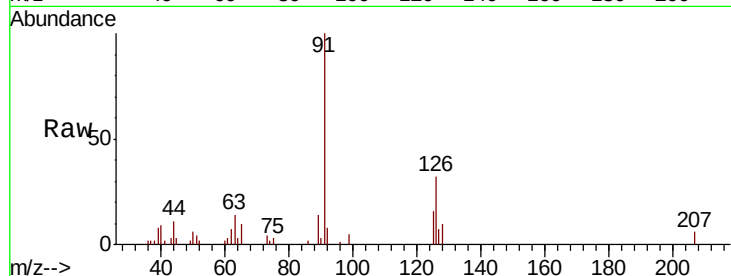
126 31.7 17.0 51.0

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#83

tert-Butylbenzene

Concen: 0.91 ug/l

RT: 12.99 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN050375.D

Acq: 6 Aug 2018 11:10

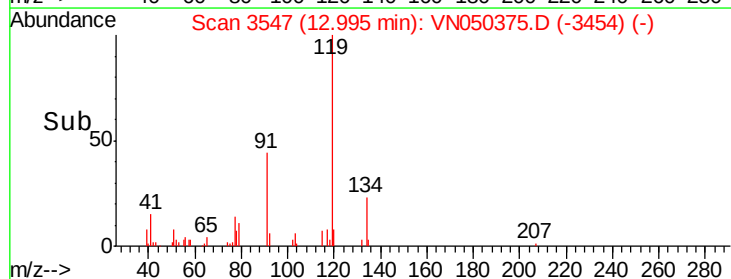
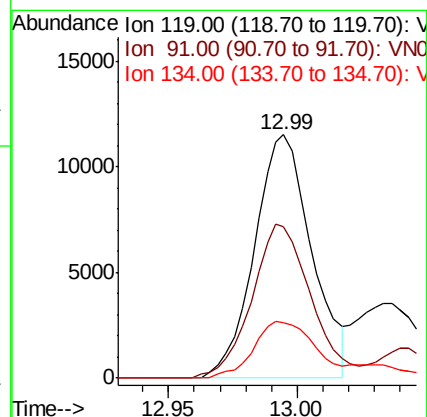
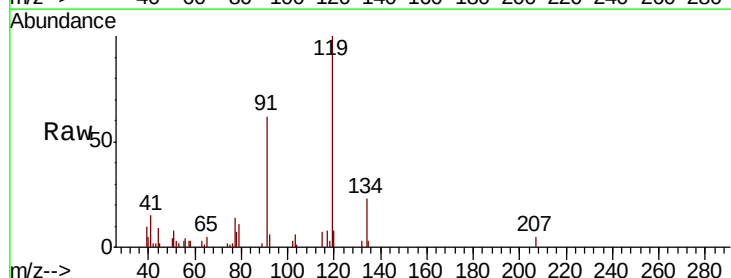
Tgt Ion: 119 Resp: 17856

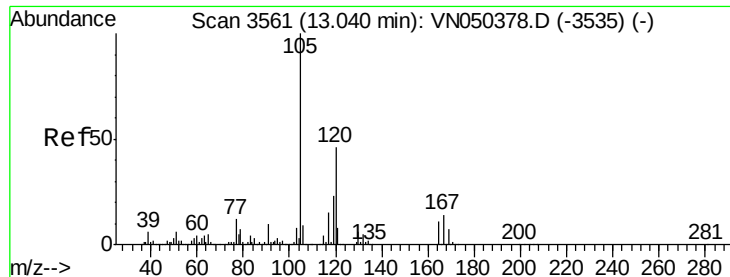
Ion Ratio Lower Upper

119 100

91 64.9 32.1 96.3

134 25.3 13.2 39.5





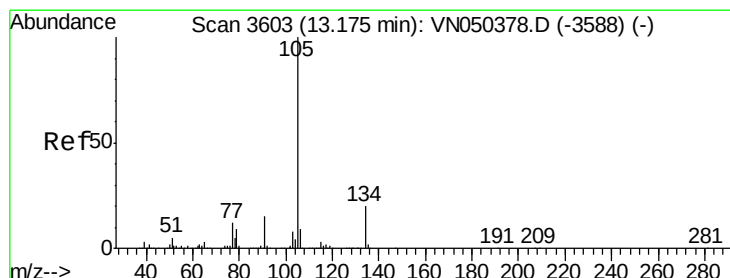
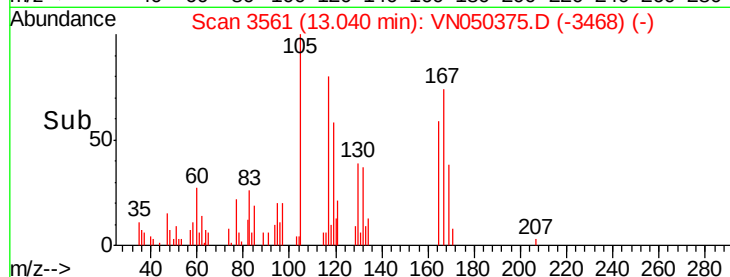
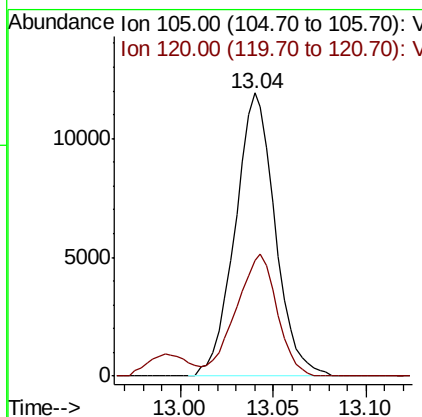
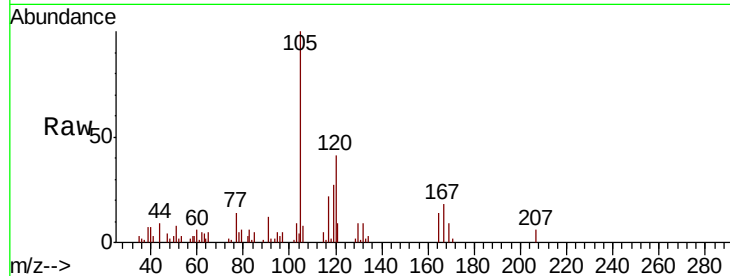
#84
 1,2,4-Trimethylbenzene
 Concen: 0.79 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. 0.00 min
 Lab File: VN050375.D
 Acq: 6 Aug 2018 11:10

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.9	68.7

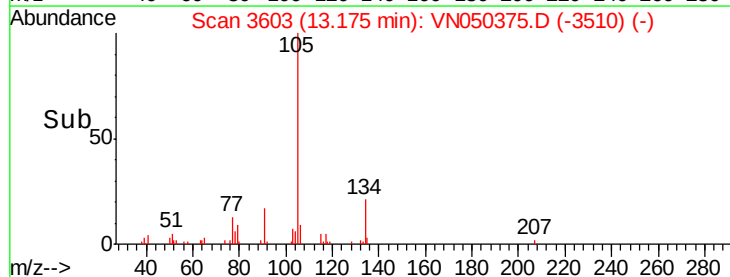
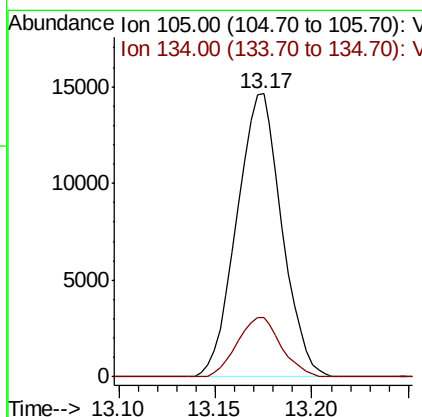
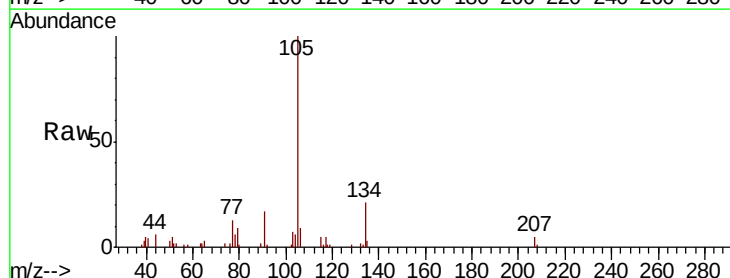
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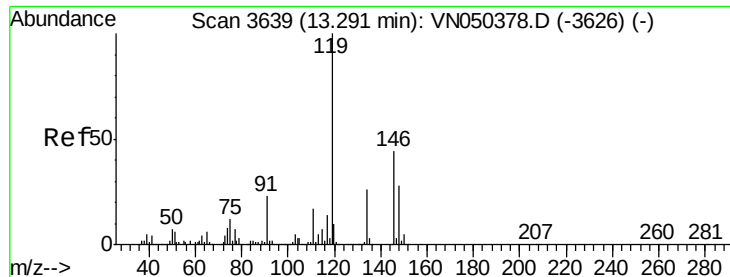
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#85
 sec-Butylbenzene
 Concen: 0.91 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN050375.D
 Acq: 6 Aug 2018 11:10

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.1	30.1





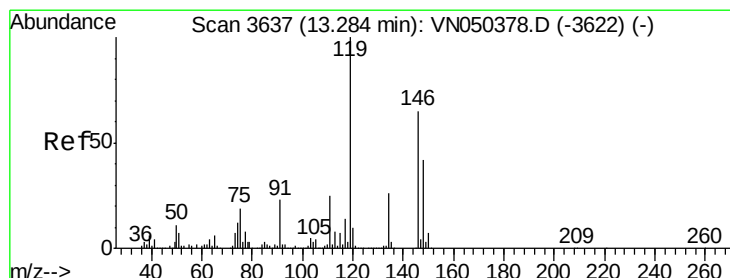
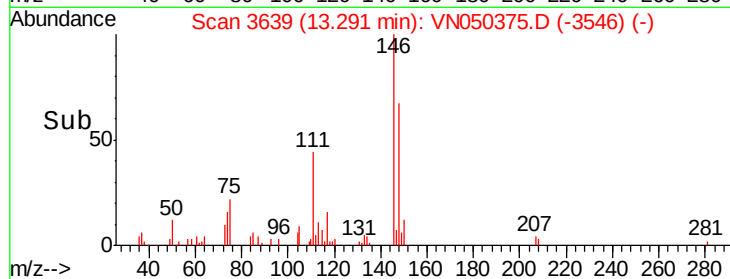
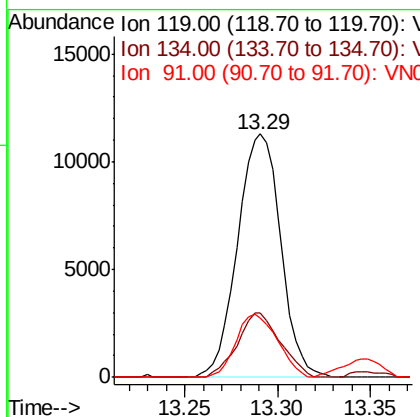
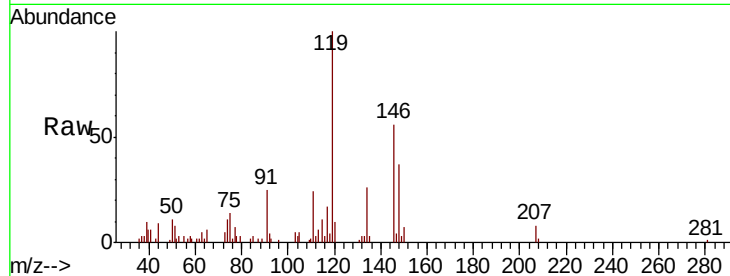
#86
 p-Isopropyltoluene
 Concen: 0.83 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN050375.D
 Acq: 6 Aug 2018 11:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.3	39.8
91	24.9	11.4	34.2

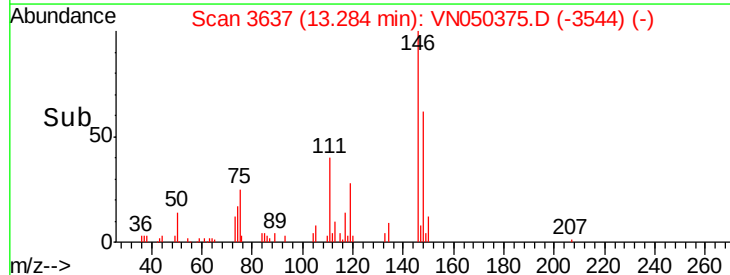
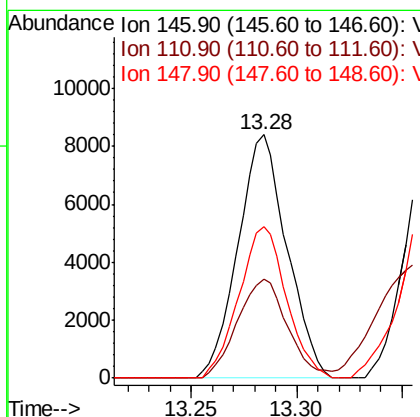
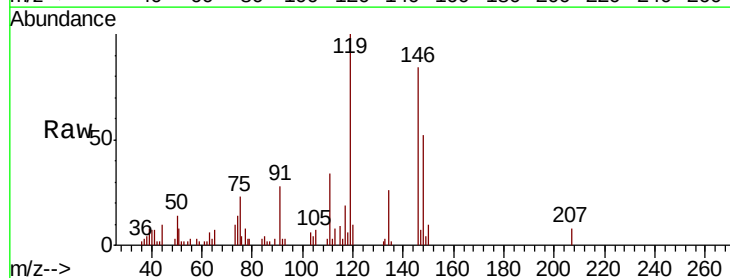
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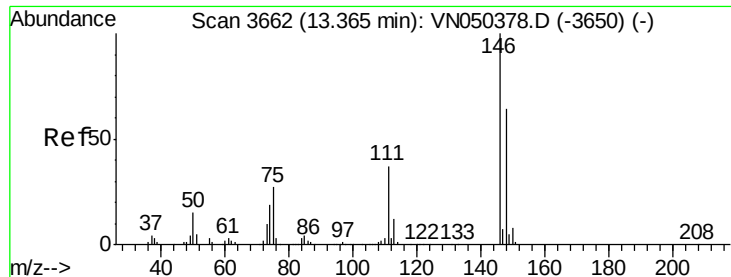
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#87
 1,3-Dichlorobenzene
 Concen: 1.01 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN050375.D
 Acq: 6 Aug 2018 11:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.7	18.8	56.4
148	60.4	31.9	95.9





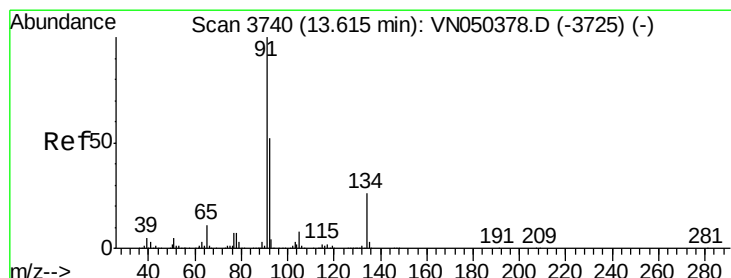
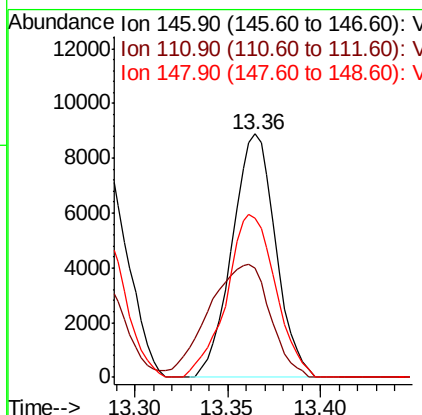
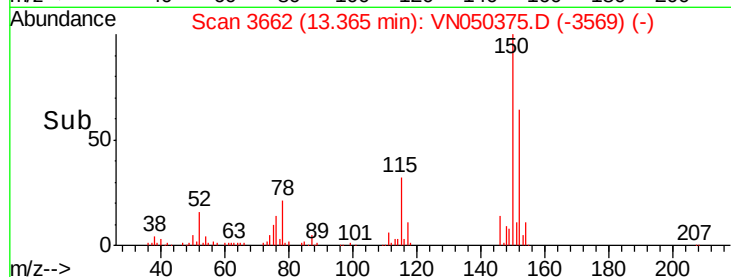
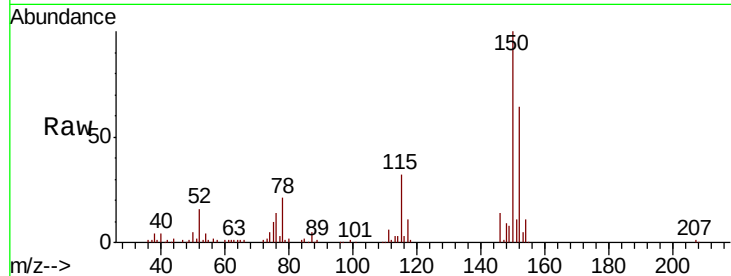
#88
 1,4-Dichlorobenzene
 Concen: 1.11 ug/l m
 RT: 13.36 min Scan# 3662
 Delta R.T. 0.00 min
 Lab File: VN050375.D
 Acq: 6 Aug 2018 11:10

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	18.3	54.9
148	56.5	31.9	95.9

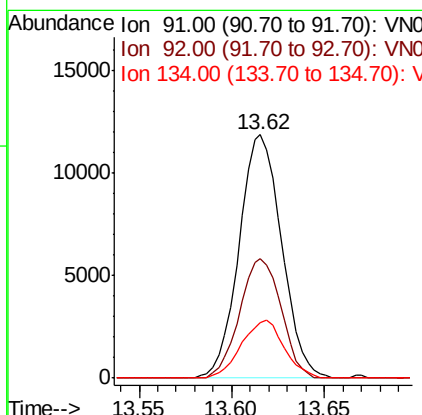
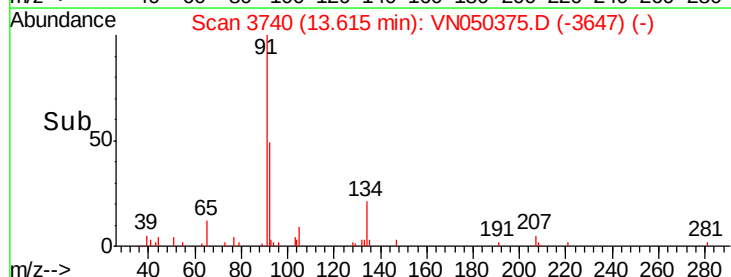
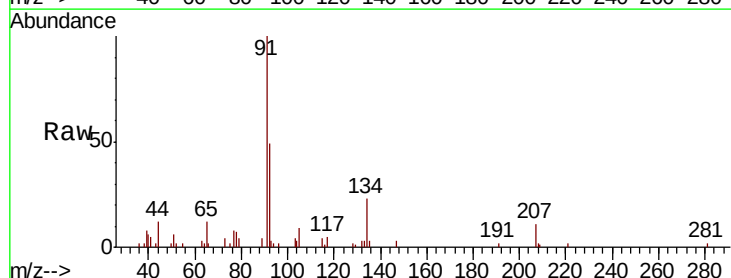
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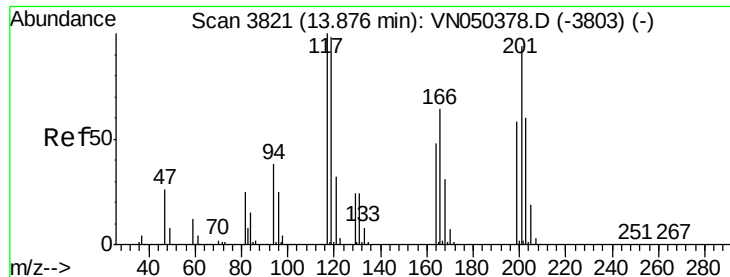
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#89
 n-Butylbenzene
 Concen: 1.04 ug/l
 RT: 13.62 min Scan# 3740
 Delta R.T. 0.00 min
 Lab File: VN050375.D
 Acq: 6 Aug 2018 11:10

Tgt Ion	Ratio	Lower	Upper
91	100		
92	47.7	25.8	77.4
134	23.9	12.8	38.4





#90

Hexachloroethane

Concen: 0.97 ug/l

RT: 13.88 min Scan# 3821

Delta R.T. 0.00 min

Lab File: VN050375.D

Acq: 6 Aug 2018 11:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:117 Resp: 4746

Ion Ratio Lower Upper

117 100

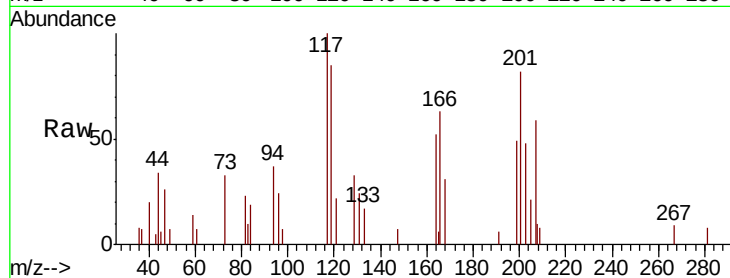
201 80.0 45.6 136.8

Manual Integrations

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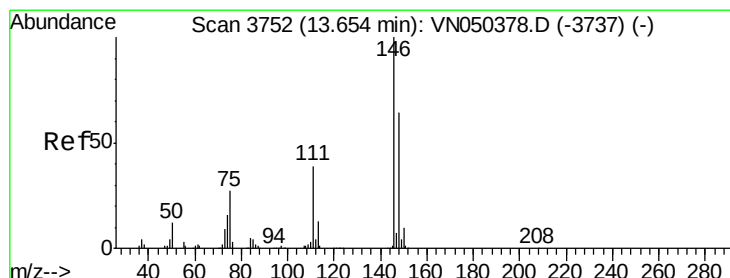
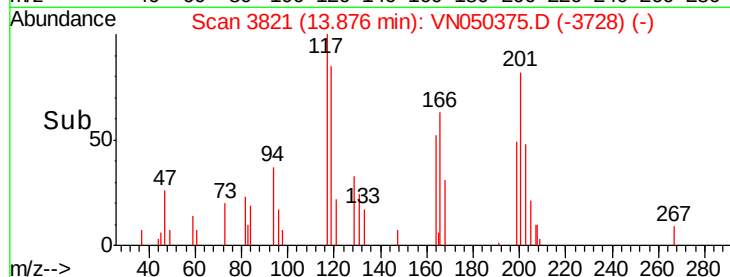
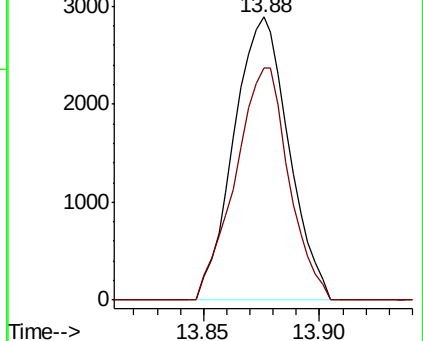
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Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 1.09 ug/l

RT: 13.65 min Scan# 3752

Delta R.T. 0.00 min

Lab File: VN050375.D

Acq: 6 Aug 2018 11:10

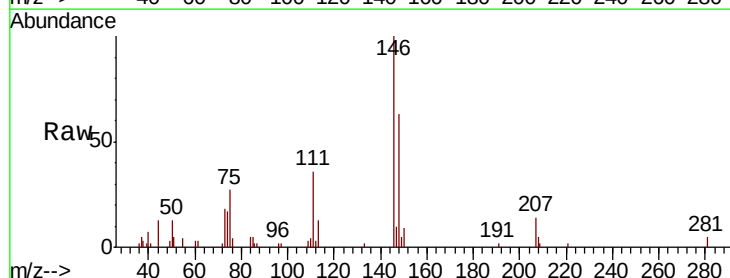
Tgt Ion:146 Resp: 14560

Ion Ratio Lower Upper

146 100

111 37.1 19.6 58.7

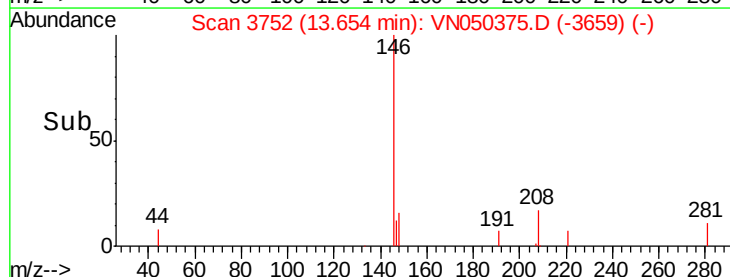
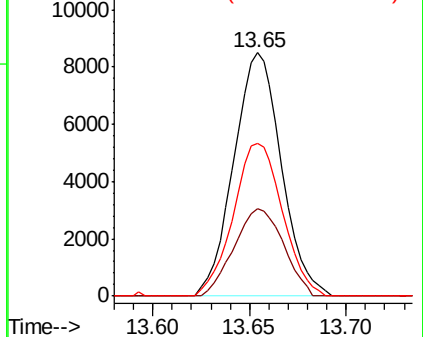
148 64.7 32.1 96.3

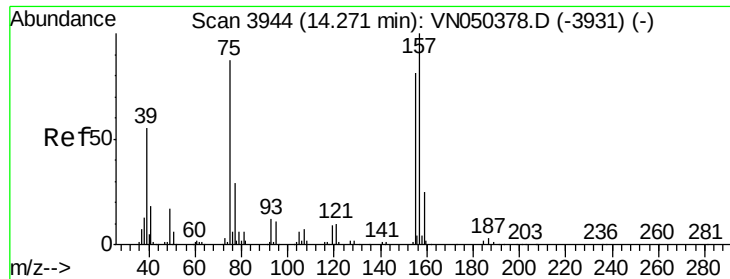


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.18 ug/l

RT: 14.27 min Scan# 3945

Delta R.T. 0.00 min

Lab File: VN050375.D

Acq: 6 Aug 2018 11:10

Instrument :

MSVOA_N

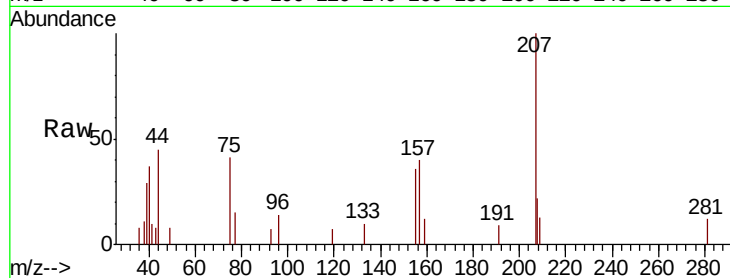
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	1654
Ion	Ratio	Lower	Upper
75	100		
155	62.6	44.8	134.4
157	82.7	57.2	171.6

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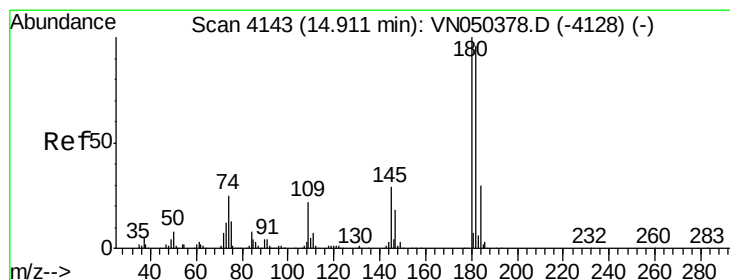
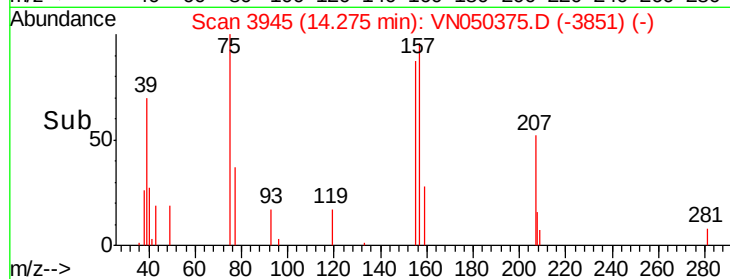
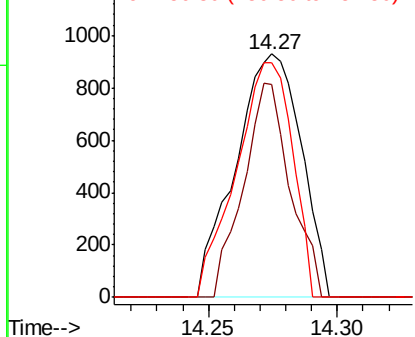


Abundance

Ion 74.90 (74.60 to 75.60): VN050375.D (-3931) (-)

Ion 154.80 (154.50 to 155.50): VN050375.D (-3931) (-)

Ion 156.80 (156.50 to 157.50): VN050375.D (-3931) (-)



#93

1,2,4-Trichlorobenzene

Concen: 1.16 ug/l

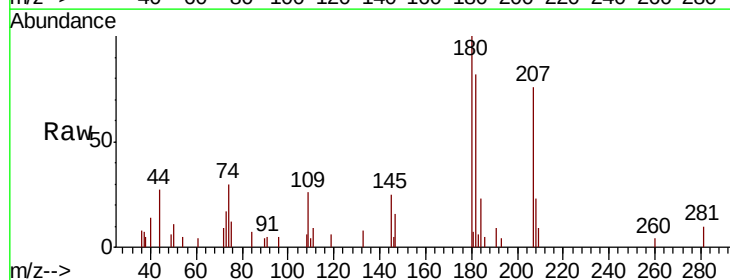
RT: 14.91 min Scan# 4143

Delta R.T. 0.00 min

Lab File: VN050375.D

Acq: 6 Aug 2018 11:10

Tgt Ion:	180	Resp:	6821
Ion	Ratio	Lower	Upper
180	100		
182	88.6	46.7	140.1
145	25.8	13.8	41.4

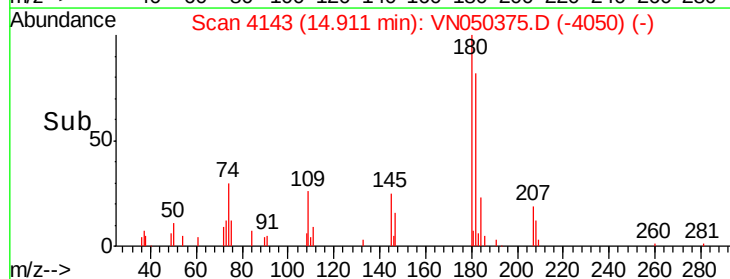
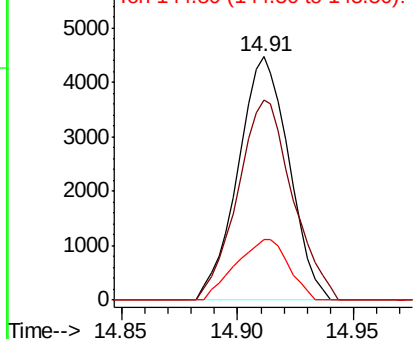


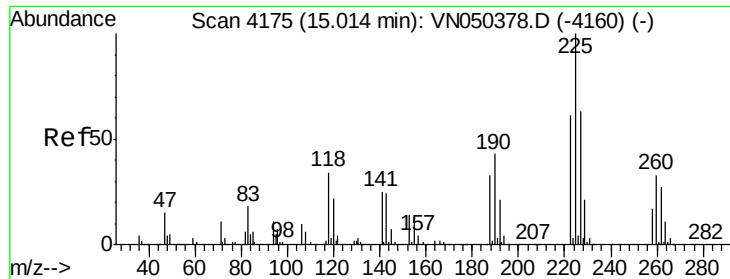
Abundance

Ion 179.80 (179.50 to 180.50): VN050375.D (-4128) (-)

Ion 181.80 (181.50 to 182.50): VN050375.D (-4128) (-)

Ion 144.80 (144.50 to 145.50): VN050375.D (-4128) (-)





#94

Hexachlorobutadiene

Concen: 2.39 ug/l

RT: 15.01 min Scan# 4174

Delta R.T. -0.00 min

Lab File: VN050375.D

Acq: 6 Aug 2018 11:10

Instrument :

MSVOA_N

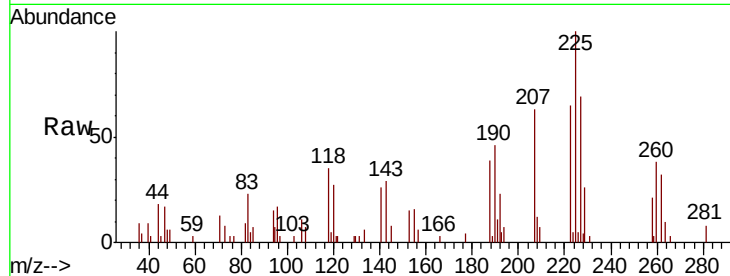
ClientSampleId :

VSTDIC001

Tot Ion:	225	Resp:	9800
Ion Ratio	Lower	Upper	
225	100		
223	68.5	31.4	94.2
227	67.0	32.1	96.5

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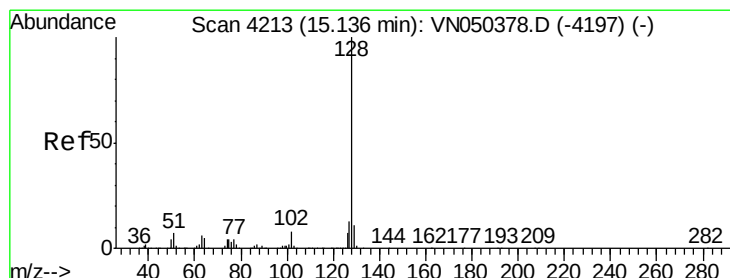
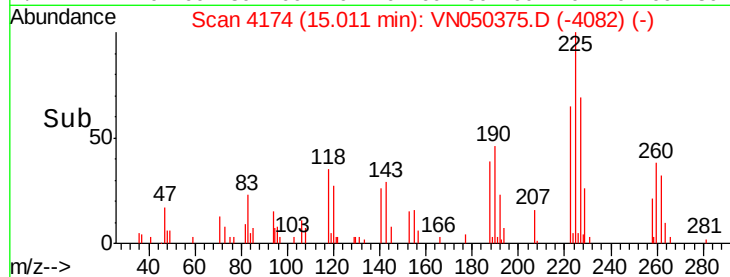
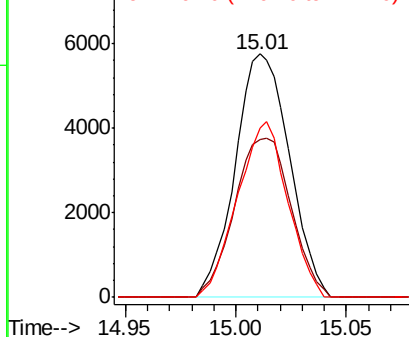


Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 1.06 ug/l

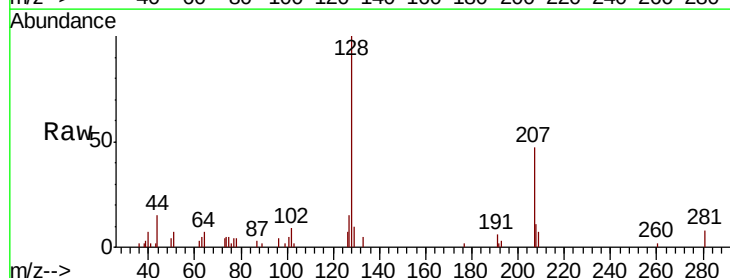
RT: 15.13 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN050375.D

Acq: 6 Aug 2018 11:10

Tgt Ion:	128	Resp:	14079
Ion Ratio	Lower	Upper	
128	100		
127	15.5	10.4	15.6
129	9.6	8.8	13.2

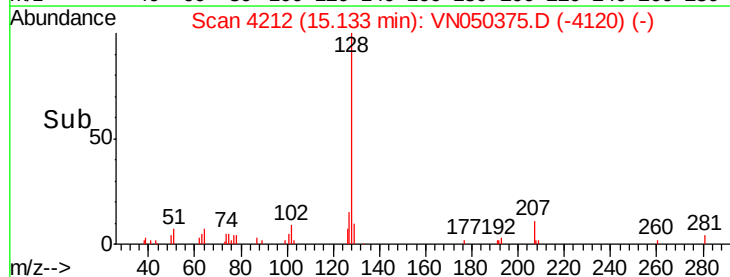
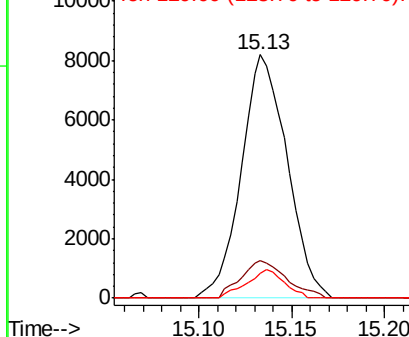


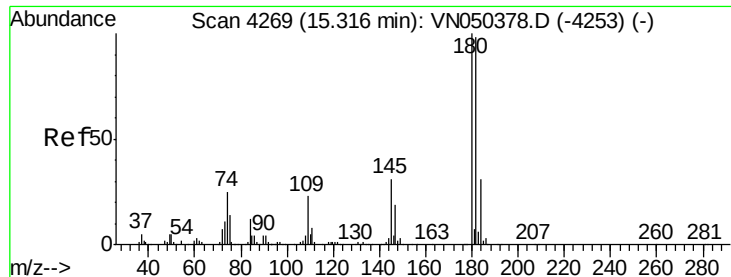
Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 1.32 ug/l
 RT: 15.32 min Scan# 4269
 Delta R.T. 0.00 min
 Lab File: VN050375.D
 Acq: 6 Aug 2018 11:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	48.1	144.4
145	30.1	15.3	45.9

Manual Integrations
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