

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072418\
 Data File : VN050010.D
 Acq On : 23 Jul 2018 17:33
 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
 7/26/2018 1:50:37 PM

Quant Time: Jul 24 05:58:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 24 05:50:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	488123	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	829417	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	678630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	256202	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	6522	1.14	ug/l	99
3) Chloromethane	2.06	50	8633	1.25	ug/l	98
4) Vinyl Chloride	2.18	62	8795	1.20	ug/l #	88
5) Bromomethane	2.56	94	6340	1.36	ug/l	98
6) Chloroethane	2.70	64	5865	1.25	ug/l	98
7) Trichlorofluoromethane	3.01	101	12198	1.23	ug/l	94
8) Diethyl Ether	3.41	74	3614	1.05	ug/l	73
9) 1,1,2-Trichlorotrifluoroet	3.75	101	7751	1.27	ug/l	97
12) 1,1-Dichloroethene	3.73	96	6383	1.19	ug/l	90
14) Allyl chloride	4.33	41	9073	1.08	ug/l	98
15) Acrylonitrile	5.00	53	10721m	5.08	ug/l	
16) Acetone	3.82	43	11431	6.54	ug/l	97
17) Carbon Disulfide	4.05	76	19634	1.22	ug/l	97
18) Methyl Acetate	4.34	43	15861	2.37	ug/l	97
19) Methyl tert-butyl Ether	5.06	73	13840m	0.94	ug/l	
20) Methylene Chloride	4.55	84	9388	1.41	ug/l	92
21) trans-1,2-Dichloroethene	5.05	96	6441m	1.14	ug/l	
22) Diisopropyl ether	5.96	45	14526	0.85	ug/l #	72
23) Vinyl Acetate	5.90	43	51738	4.32	ug/l	98
24) 1,1-Dichloroethane	5.85	63	12386	1.12	ug/l	99
25) 2-Butanone	6.84	43	12152	4.86	ug/l	92
26) 2,2-Dichloropropane	6.83	77	9864	1.15	ug/l	77
27) cis-1,2-Dichloroethene	6.83	96	6084	0.98	ug/l	91
28) Bromochloromethane	7.19	49	5330	1.08	ug/l #	87
29) Tetrahydrofuran	7.22	42	7936	5.05	ug/l	89
30) Chloroform	7.38	83	13090	1.16	ug/l	94
31) Cyclohexane	7.66	56	17861	1.73	ug/l #	34
32) 1,1,1-Trichloroethane	7.57	97	11028	1.13	ug/l #	51
36) 1,1-Dichloropropene	7.80	75	8870	0.96	ug/l #	84
37) Ethyl Acetate	6.94	43	6066m	0.96	ug/l	
38) Carbon Tetrachloride	7.78	117	10465	1.05	ug/l	97
39) Methylcyclohexane	9.08	83	8409	0.88	ug/l	89
40) Benzene	8.05	78	26532	0.94	ug/l	99
41) Methacrylonitrile	7.17	41	2505	0.80	ug/l #	77

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

42) 1,2-Dichloroethane	8.13	62	9991	1.07	ug/l	84
43) Isopropyl Acetate	8.19	43	29963	2.68	ug/l #	61
44) Trichloroethene	8.84	130	8132	1.10	ug/l	79
45) 1,2-Dichloropropane	9.12	63	7341	0.96	ug/l	92
46) Dibromomethane	9.21	93	4609	0.98	ug/l	99
47) Bromodichloromethane	9.41	83	10269	1.05	ug/l	99
48) Methyl methacrylate	9.20	41	4336	0.77	ug/l #	89
49) 1,4-Dioxane	9.20	88	1138	14.56	ug/l #	85
51) 4-Methyl-2-Pentanone	9.99	43	25031	4.03	ug/l	93
52) Toluene	10.16	92	13237	0.79	ug/l	99
53) t-1,3-Dichloropropene	10.39	75	7261	0.75	ug/l #	75
54) cis-1,3-Dichloropropene	9.84	75	8635	0.81	ug/l	96
55) 1,1,2-Trichloroethane	10.57	97	6333	0.91	ug/l	97
56) Ethyl methacrylate	10.43	69	5240	0.65	ug/l	92
57) 1,3-Dichloropropane	10.71	76	9540	0.87	ug/l #	88
58) 2-Chloroethyl Vinyl ether	9.70	63	12083	3.29	ug/l	100
59) 2-Hexanone	10.76	43	14336	3.44	ug/l	90
60) Dibromochloromethane	10.90	129	6246	0.82	ug/l	86
61) 1,2-Dibromoethane	11.01	107	6083	0.94	ug/l	98
64) Tetrachloroethene	10.63	164	7037	1.13	ug/l	98
65) Chlorobenzene	11.44	112	17793	1.04	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	7092	1.07	ug/l #	66
67) Ethyl Benzene	11.51	91	23125	0.83	ug/l	97
68) m/p-Xylenes	11.62	106	15808	1.51	ug/l	97
69) o-Xylene	11.95	106	7648	0.76	ug/l	93
70) Styrene	11.97	104	10705	0.66	ug/l	97
71) Bromoform	12.13	173	4613	0.98	ug/l #	98
73) Isopropylbenzene	12.25	105	18983	0.97	ug/l	99
74) N-amyl acetate	12.08	43	5818	0.98	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.51	83	8034	1.37	ug/l	98
76) 1,2,3-Trichloropropane	12.56	75	5492m	1.15	ug/l	
77) Bromobenzene	12.53	156	6452	1.19	ug/l	89
78) n-propylbenzene	12.59	91	19190	0.86	ug/l	99
79) 2-Chlorotoluene	12.68	91	13144	0.96	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	12701	0.81	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.31	75	1237	0.80	ug/l #	63
82) 4-Chlorotoluene	12.78	91	12272	0.90	ug/l	100
83) tert-Butylbenzene	13.00	119	12249	0.89	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	11810	0.74	ug/l	96
85) sec-Butylbenzene	13.17	105	15446	0.85	ug/l	99
86) p-Isopropyltoluene	13.29	119	11561	0.75	ug/l	94
87) 1,3-Dichlorobenzene	13.28	146	9379	1.00	ug/l	98
88) 1,4-Dichlorobenzene	13.37	146	9393m	1.00	ug/l	
89) n-Butylbenzene	13.62	91	9773	0.77	ug/l	95
90) Hexachloroethane	13.88	117	4270	1.23	ug/l	96
91) 1,2-Dichlorobenzene	13.66	146	10352	1.12	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	1269	1.39	ug/l	82
93) 1,2,4-Trichlorobenzene	14.91	180	2699	0.64	ug/l	98
94) Hexachlorobutadiene	15.01	225	3236	1.07	ug/l	91
95) Naphthalene	15.14	128	6229	0.67	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.32	180	2902	0.66	ug/l	93

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

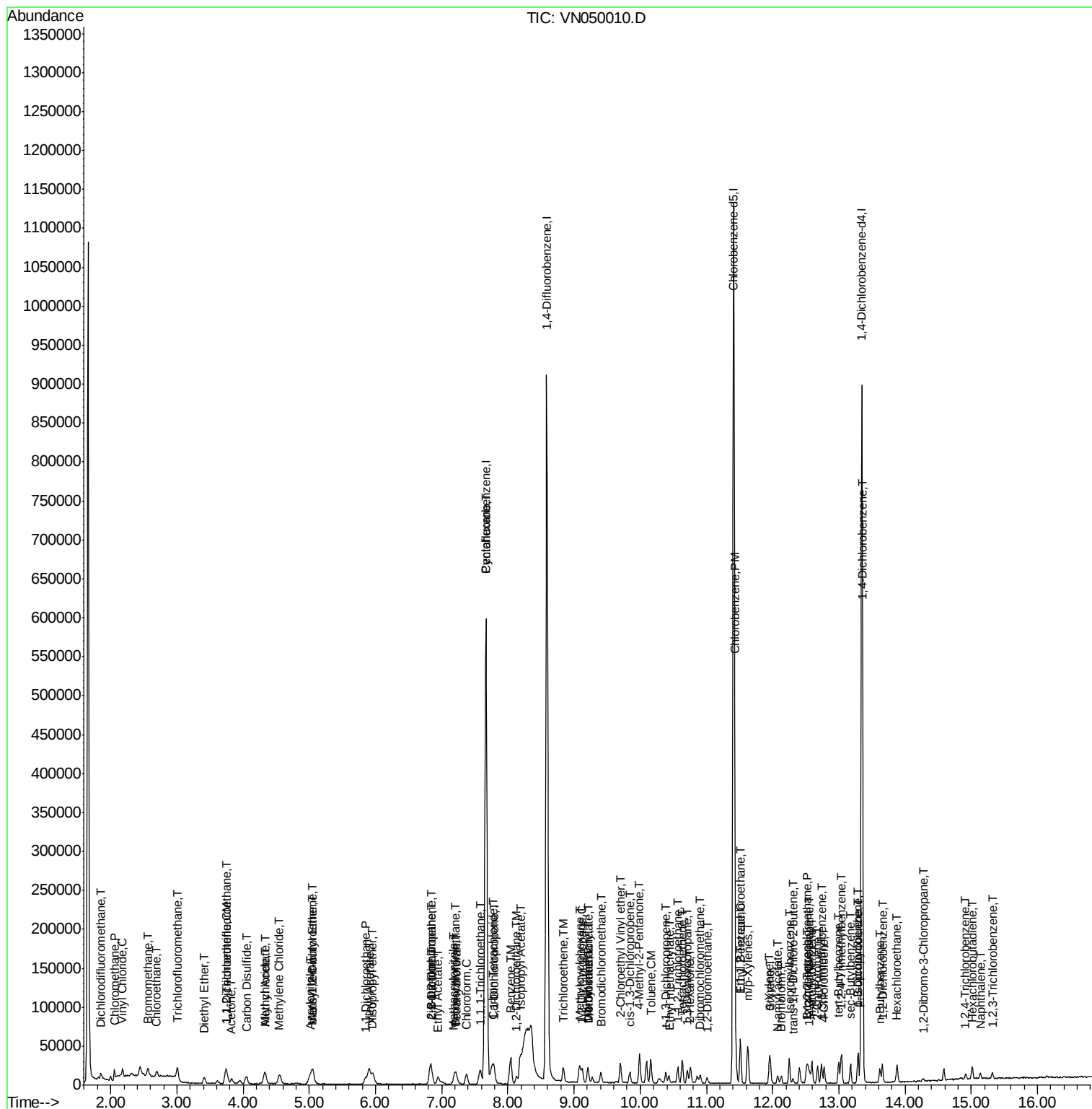
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072418\
Data File : VN050010.D
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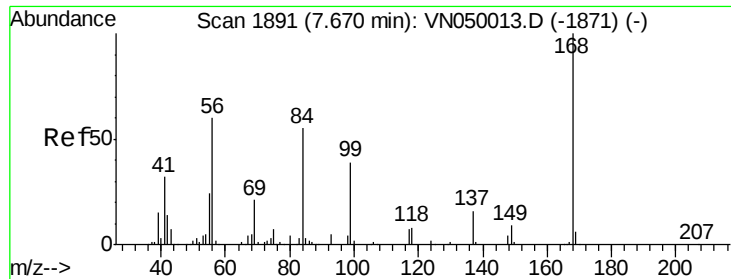
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050010.D

Acq: 23 Jul 2018 17:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 488123

Ion Ratio Lower Upper

168 100

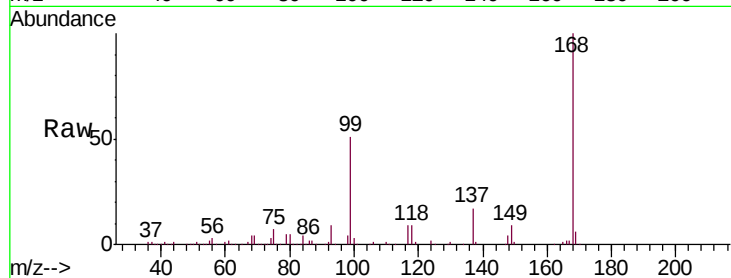
99 50.9 40.0 60.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

200000

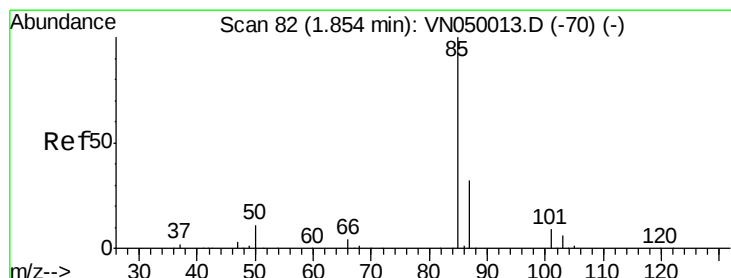
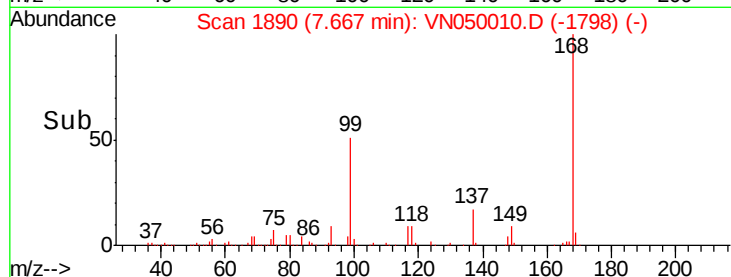
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.14 ug/l

RT: 1.85 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN050010.D

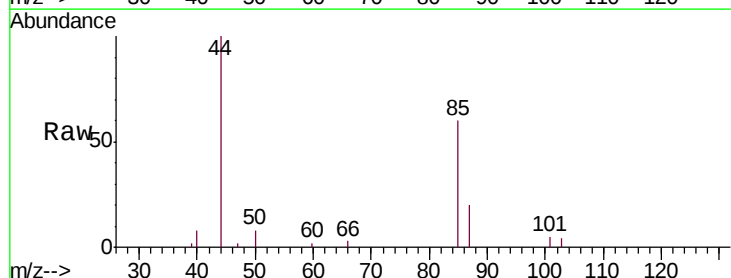
Acq: 23 Jul 2018 17:33

Tgt Ion: 85 Resp: 6522

Ion Ratio Lower Upper

85 100

87 32.6 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

5000

4000

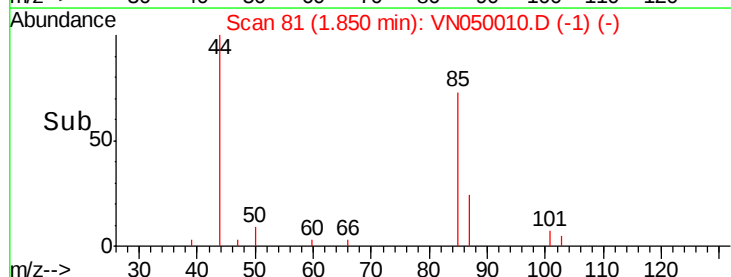
3000

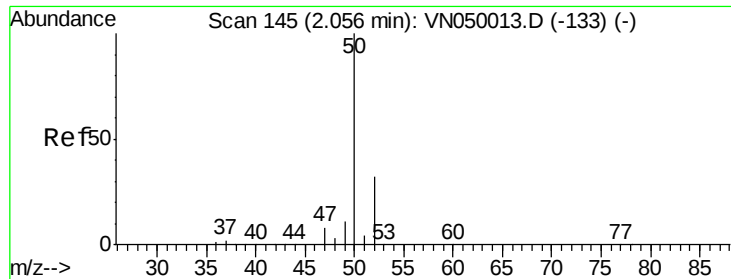
2000

1000

0

Time-->





#3

Chloromethane

Concen: 1.25 ug/l

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN050010.D

Acq: 23 Jul 2018 17:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 8633

Ion Ratio Lower Upper

50 100

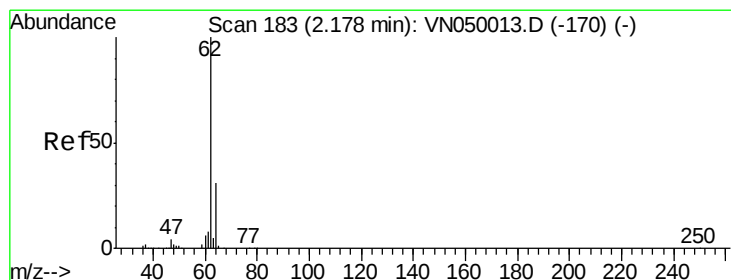
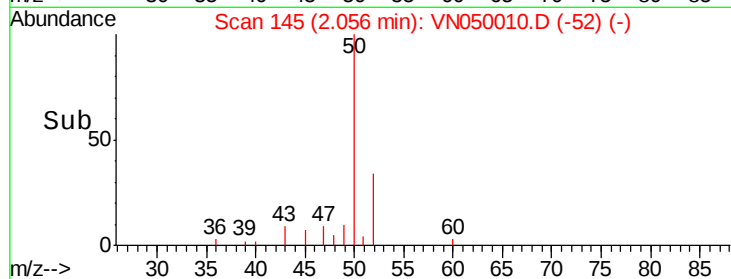
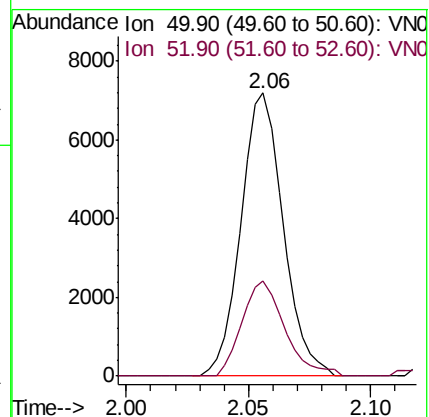
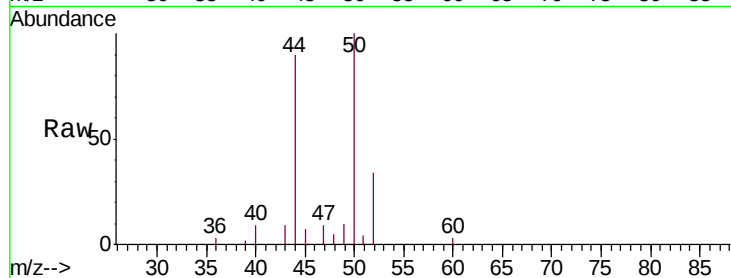
52 33.5 25.9 38.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 1.20 ug/l

RT: 2.18 min Scan# 183

Delta R.T. -0.00 min

Lab File: VN050010.D

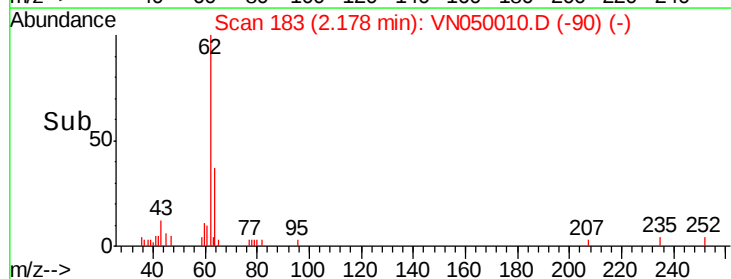
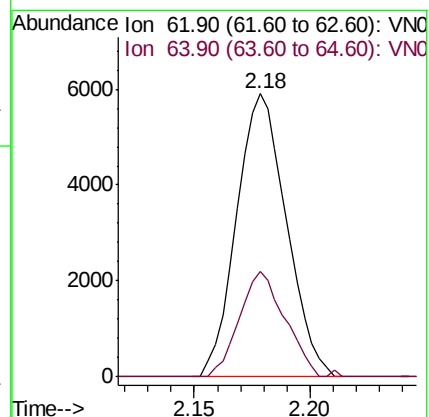
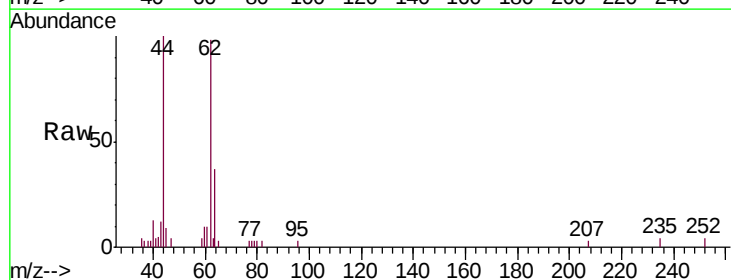
Acq: 23 Jul 2018 17:33

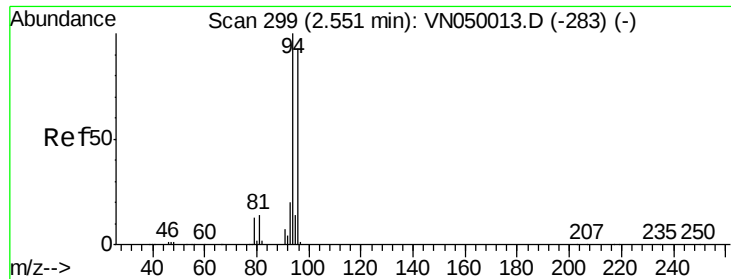
Tgt Ion: 62 Resp: 8795

Ion Ratio Lower Upper

62 100

64 37.4 24.7 37.1#





#5

Bromomethane

Concen: 1.36 ug/l

RT: 2.56 min Scan# 303

Delta R.T. 0.01 min

Lab File: VN050010.D

Acq: 23 Jul 2018 17:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 94 Resp: 6340

Ion Ratio Lower Upper

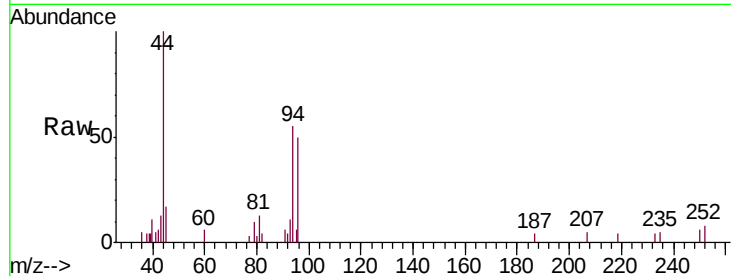
94 100

96 91.4 74.6 112.0

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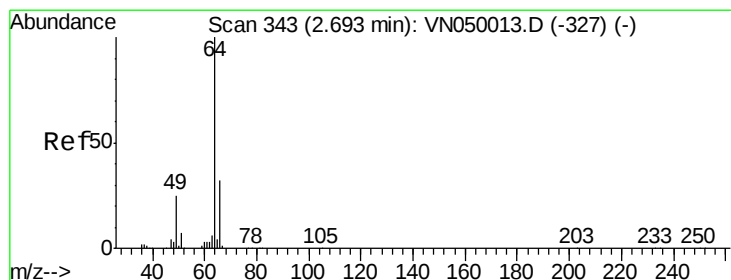
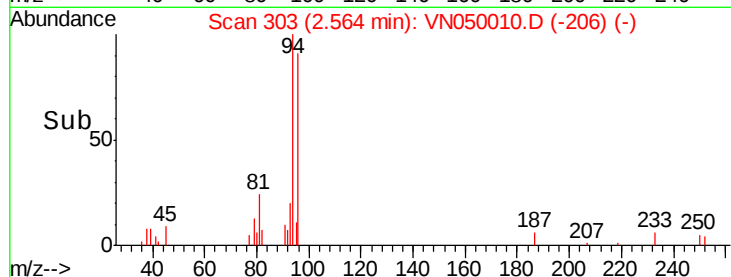
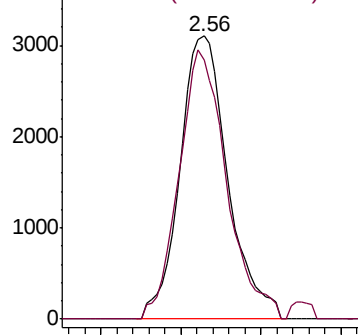
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 1.25 ug/l

RT: 2.70 min Scan# 345

Delta R.T. 0.01 min

Lab File: VN050010.D

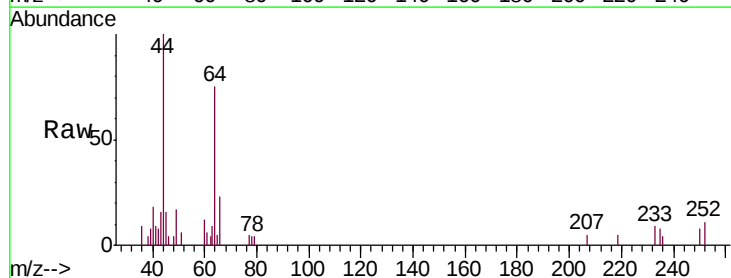
Acq: 23 Jul 2018 17:33

Tgt Ion: 64 Resp: 5865

Ion Ratio Lower Upper

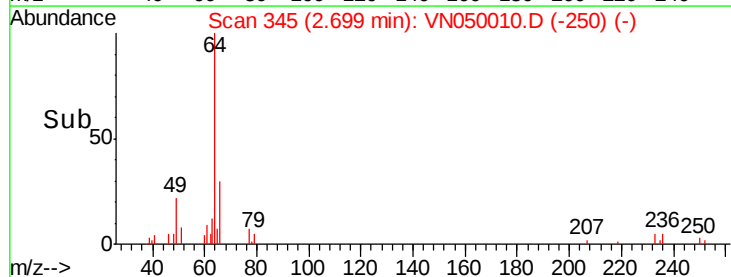
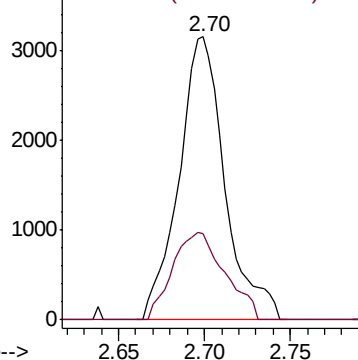
64 100

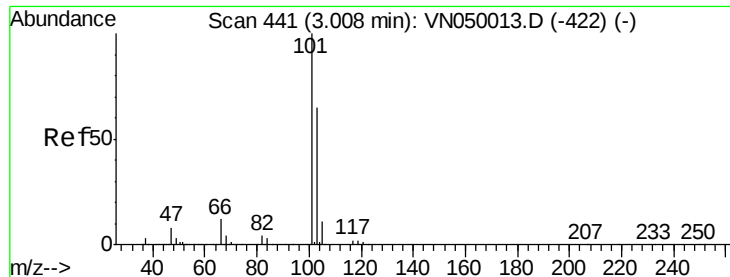
66 30.4 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

Trichlorofluoromethane

Concen: 1.23 ug/l

RT: 3.01 min Scan# 442

Delta R.T. 0.00 min

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Instrument :

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VSTDIC001

Tot Ion:101 Resp: 12198

Ion Ratio Lower Upper

101 100

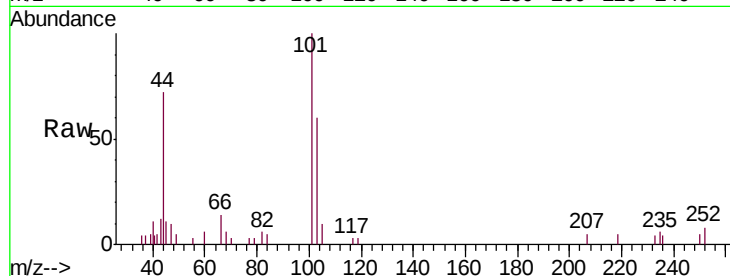
103 60.1 51.7 77.5

Manual Integrations

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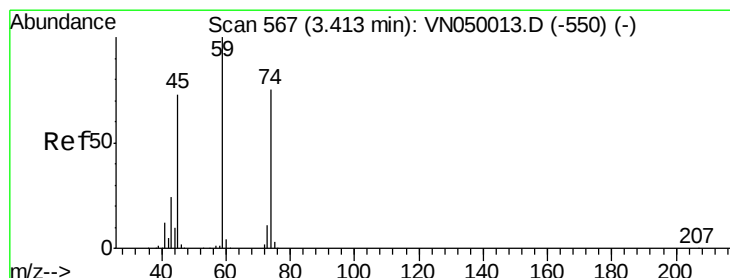
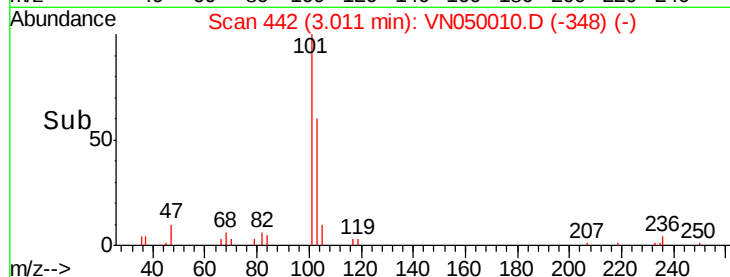
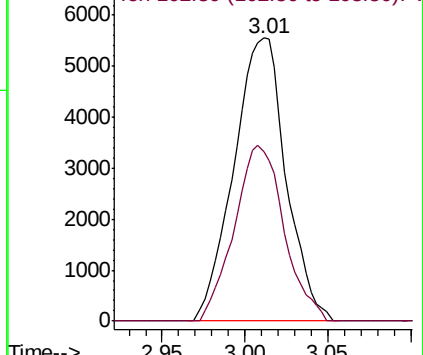
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 1.05 ug/l

RT: 3.41 min Scan# 565

Delta R.T. -0.01 min

Lab File: VN050010.D

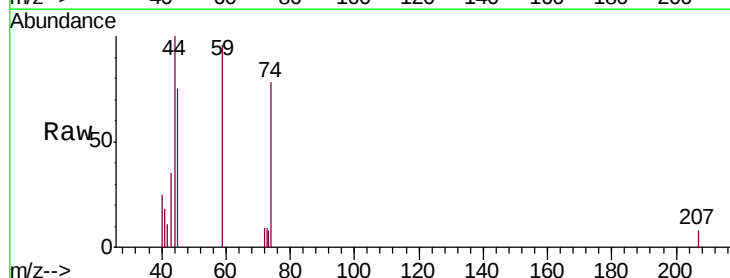
Acq: 23 Jul 2018 17:33

Tgt Ion: 74 Resp: 3614

Ion Ratio Lower Upper

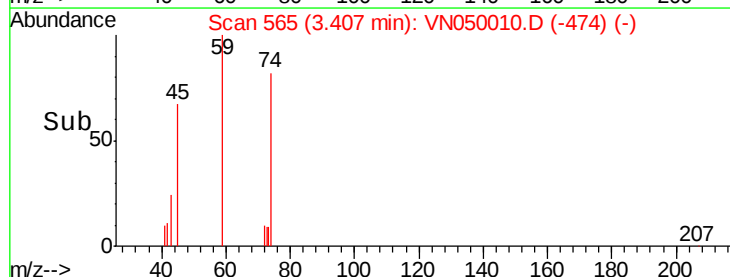
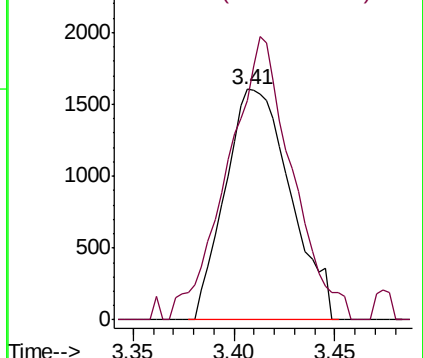
74 100

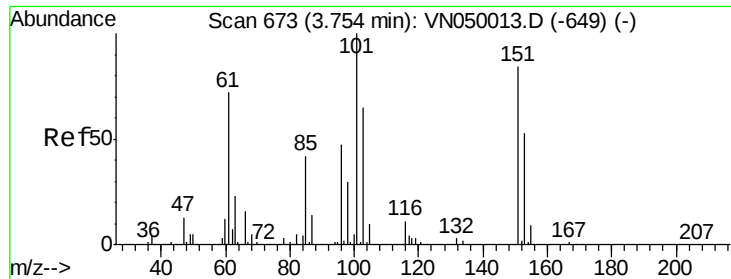
45 121.3 47.6 142.8



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.27 ug/l

RT: 3.75 min Scan# 671

Delta R.T. -0.01 min

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MSVOA_N

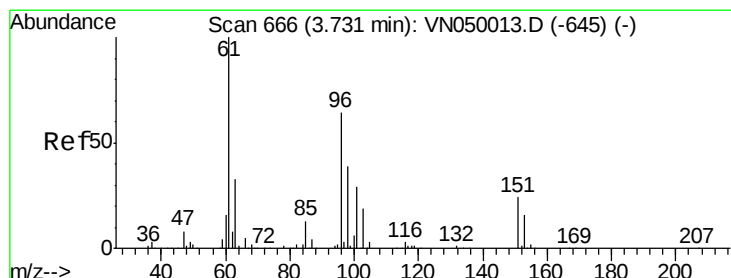
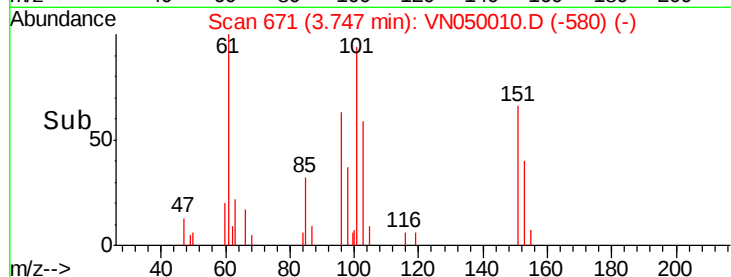
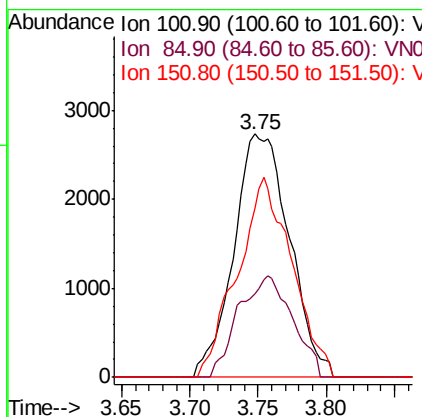
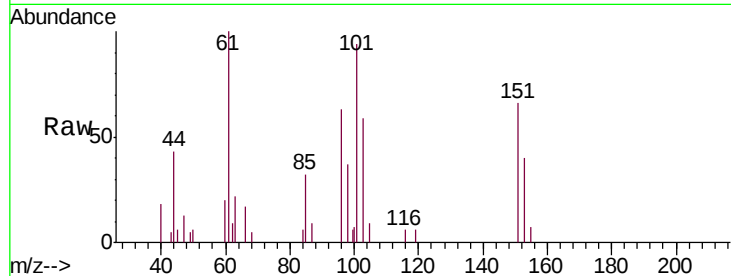
ClientSampled :

VSTDIC001

Tot Ion:	101	Resp:	7751
Ion Ratio	Lower	Upper	
101	100		
85	40.2	34.2	51.2
151	80.3	66.3	99.5

Manual Integrations
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#12

1,1-Dichloroethene

Concen: 1.19 ug/l

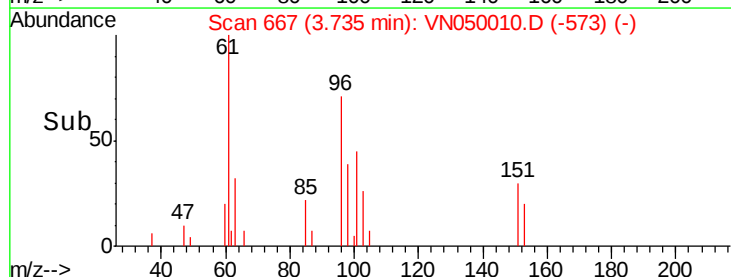
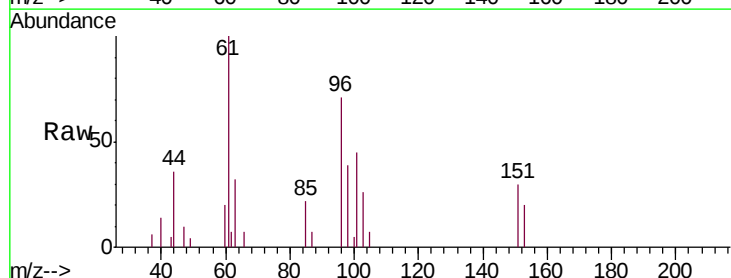
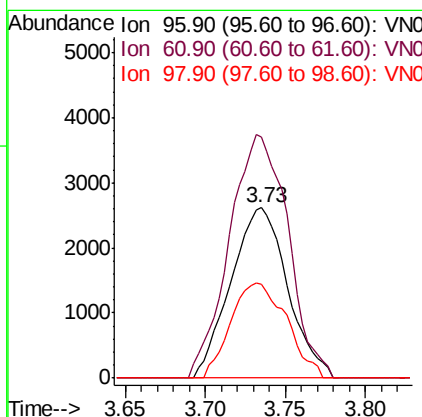
RT: 3.73 min Scan# 667

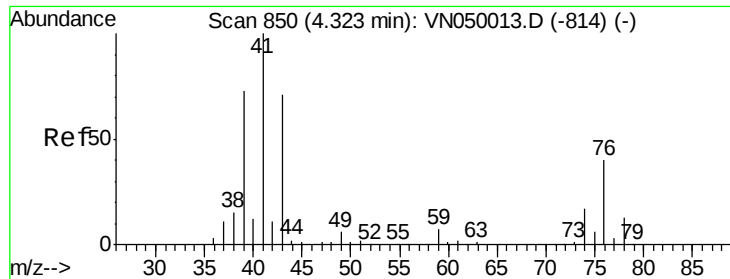
Delta R.T. 0.00 min

Lab File: VN050010.D

Acq: 23 Jul 2018 17:33

Tgt Ion:	96	Resp:	6383
Ion Ratio	Lower	Upper	
96	100		
61	141.6	124.4	186.6
98	55.3	48.3	72.5





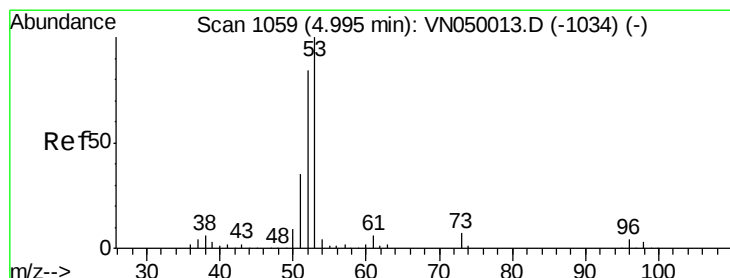
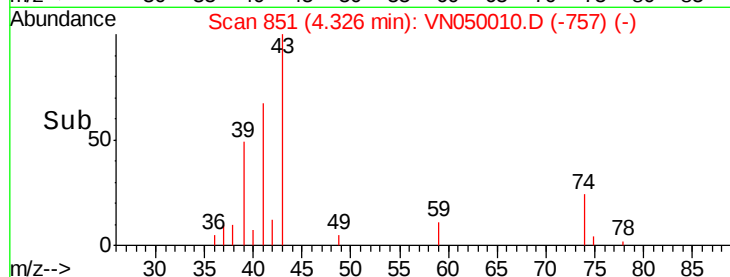
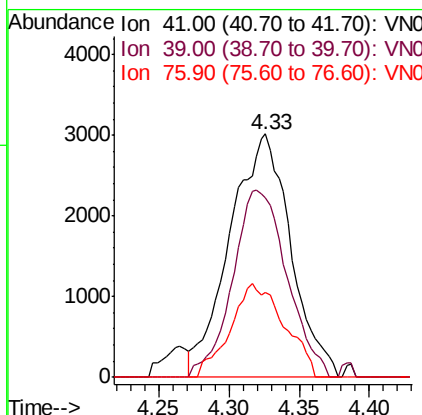
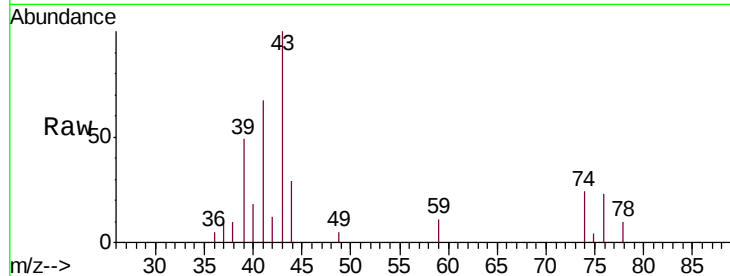
#14
Allvl chloride
Concen: 1.08 ug/l
RT: 4.33 min Scan# 851
Delta R.T. 0.00 min
Lab File: VN050010.D
Acq: 23 Jul 2018 17:33

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
39	69.1	54.2	81.4
76	34.1	29.0	43.6

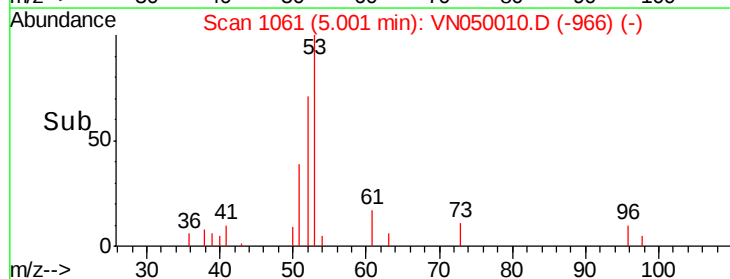
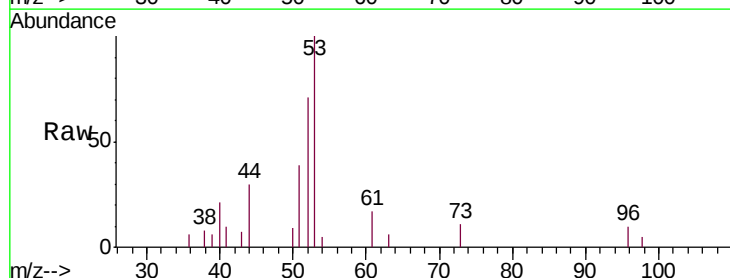
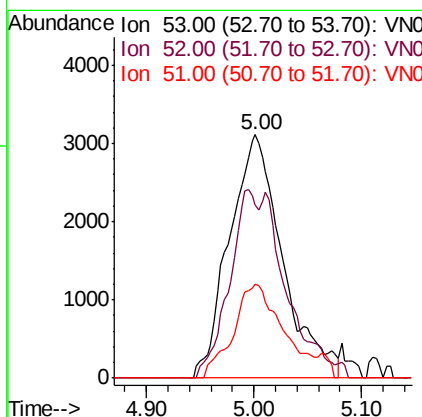
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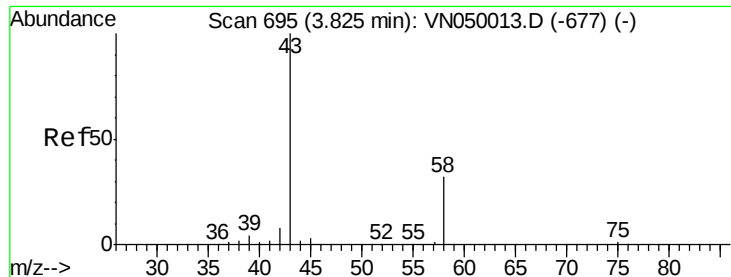
MMDadoda
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#15
Acrylonitrile
Concen: 5.08 ug/l m
RT: 5.00 min Scan# 1061
Delta R.T. 0.01 min
Lab File: VN050010.D
Acq: 23 Jul 2018 17:33

Tgt Ion	Ratio	Lower	Upper
53	100		
52	41.7	66.2	99.2#
51	35.8	29.3	43.9





#16

Acetone

Concen: 6.54 ug/l

RT: 3.82 min Scan# 695

Delta R.T. -0.00 min

Lab File: VN050010.D

Acq: 23 Jul 2018 17:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 11431

Ion Ratio Lower Upper

43 100

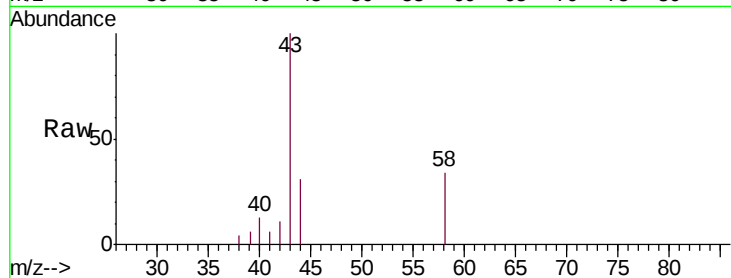
58 34.0 25.8 38.8

Manual Integrations

APPROVED

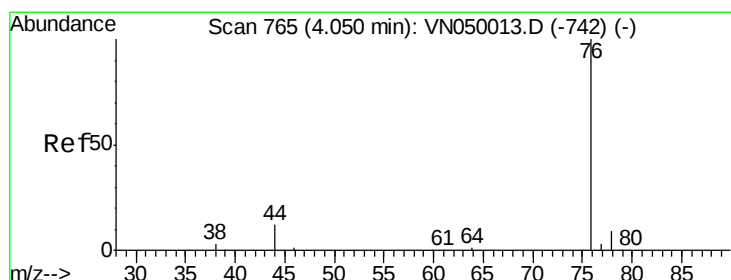
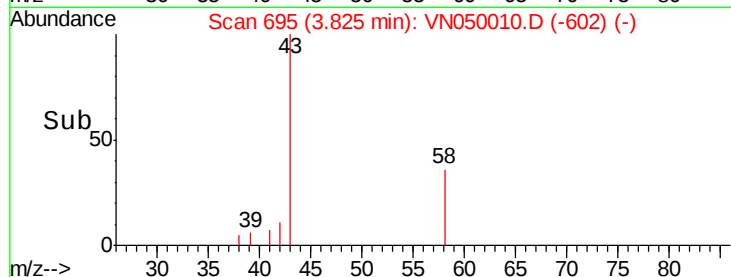
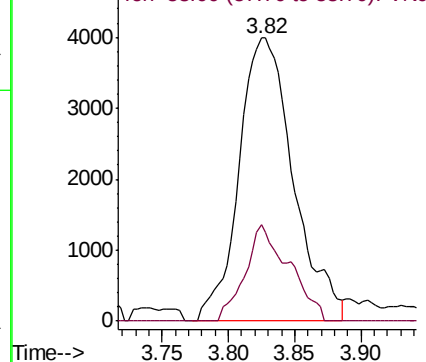
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: 1.22 ug/l

RT: 4.05 min Scan# 766

Delta R.T. 0.00 min

Lab File: VN050010.D

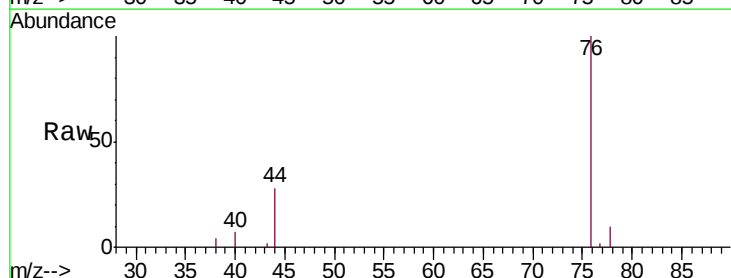
Acq: 23 Jul 2018 17:33

Tgt Ion: 76 Resp: 19634

Ion Ratio Lower Upper

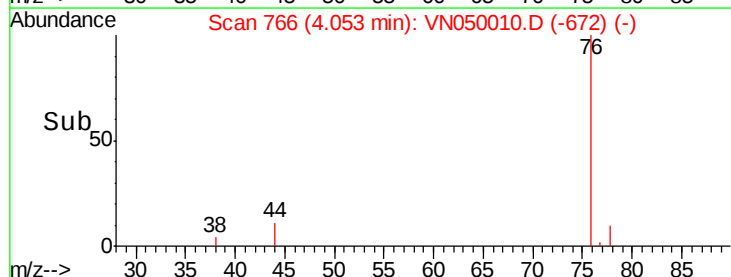
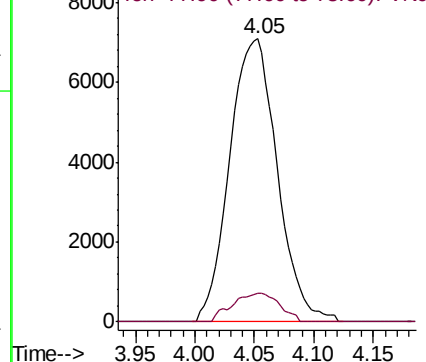
76 100

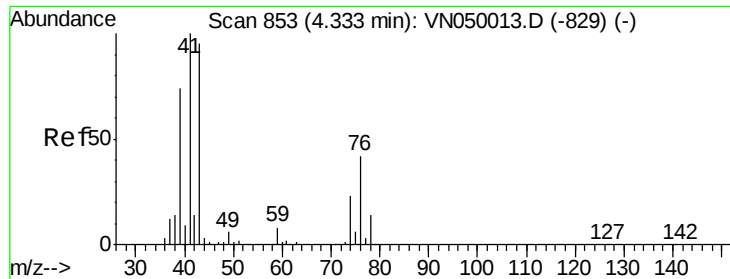
78 10.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0





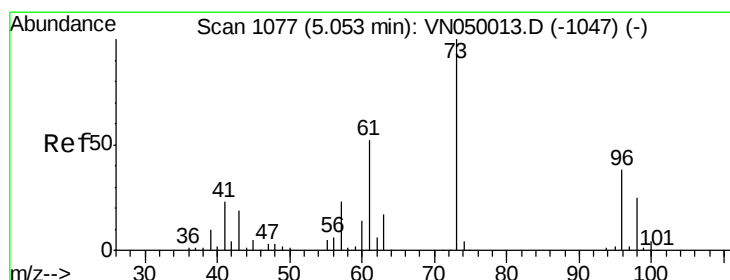
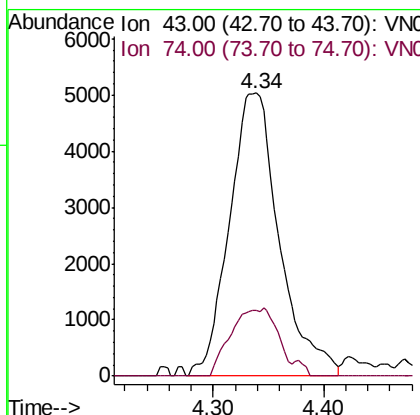
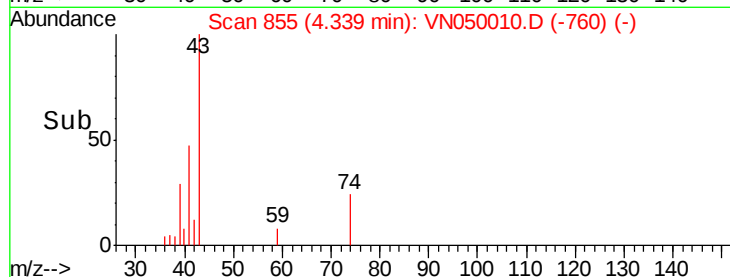
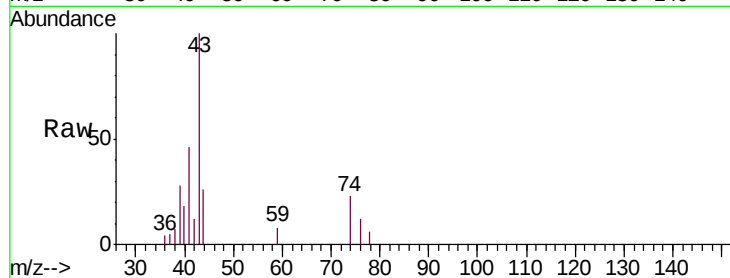
#18
Methyl Acetate
Concen: 2.37 ug/l
RT: 4.34 min Scan# 855
Delta R.T. 0.01 min
Lab File: VN050010.D
Acq: 23 Jul 2018 17:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 43 Resp: 15861
Ion Ratio Lower Upper
43 100
74 22.3 19.2 28.8

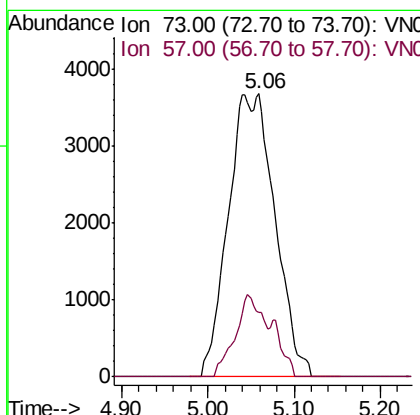
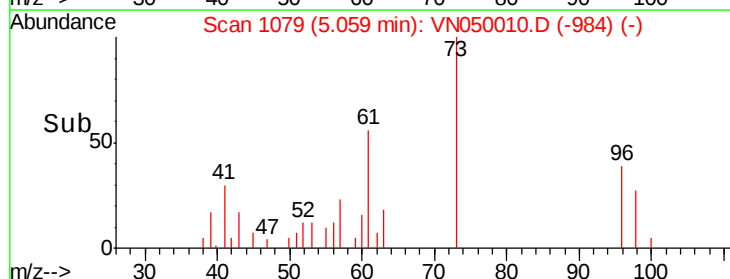
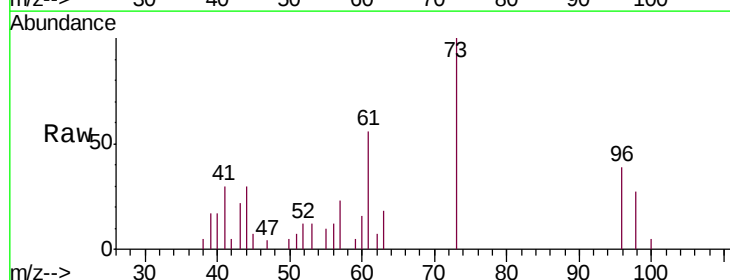
Manual Integrations
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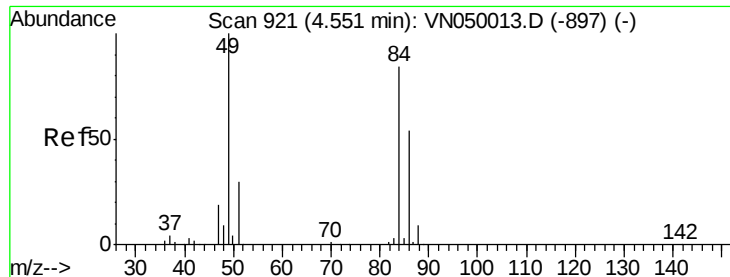
MMDadoda
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#19
Methyl tert-butyl Ether
Concen: 0.94 ug/l m
RT: 5.06 min Scan# 1079
Delta R.T. 0.01 min
Lab File: VN050010.D
Acq: 23 Jul 2018 17:33

Tgt Ion: 73 Resp: 13840
Ion Ratio Lower Upper
73 100
57 23.0 18.0 27.0





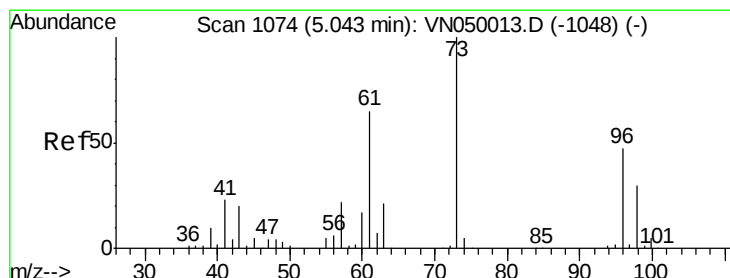
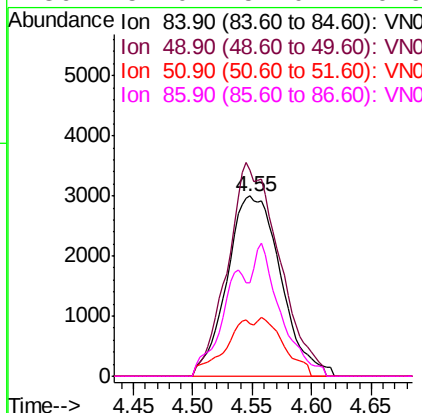
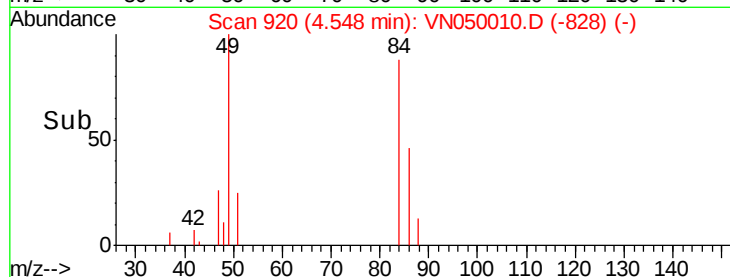
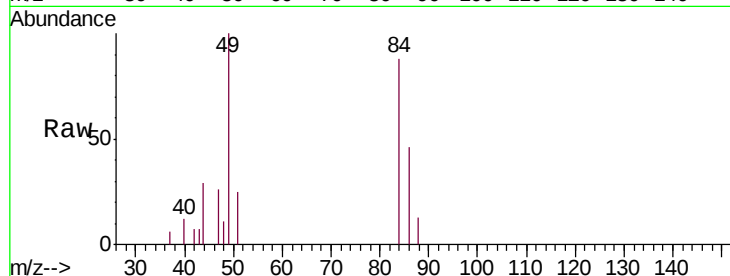
#20
Methvlene Chloride
Concen: 1.41 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN050010.D
Acq: 23 Jul 2018 17:33

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
84	100		
49	114.3	94.8	142.2
51	29.0	28.3	42.5
86	52.0	51.0	76.6

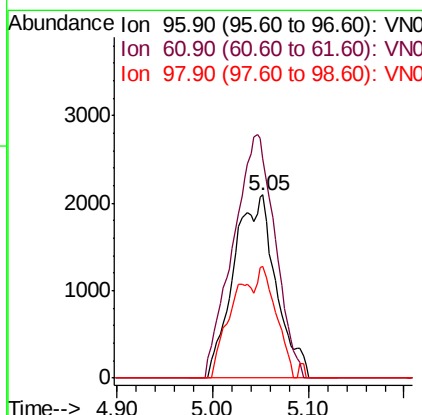
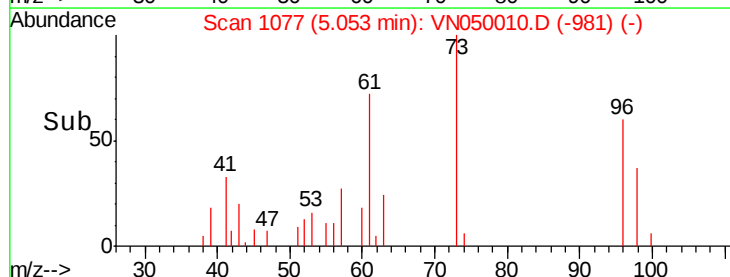
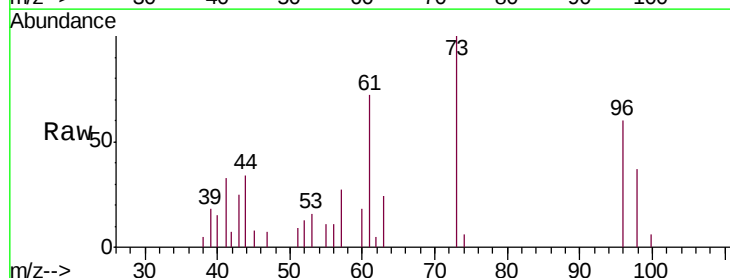
Manual Integrations
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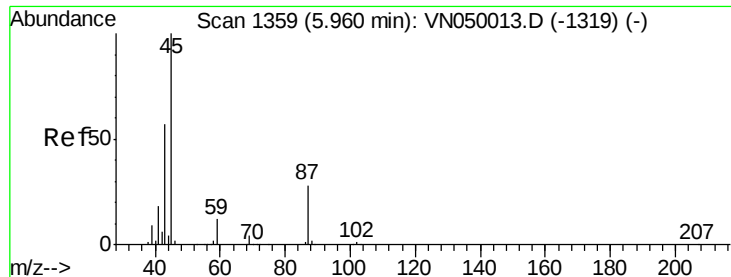
MMDadoda
7/26/2018 1:50:37 PM



#21
trans-1,2-Dichloroethene
Concen: 1.14 ug/l m
RT: 5.05 min Scan# 1077
Delta R.T. 0.01 min
Lab File: VN050010.D
Acq: 23 Jul 2018 17:33

Tgt Ion	Ratio	Lower	Upper
96	100		
61	119.8	110.7	166.1
98	61.3	51.6	77.4





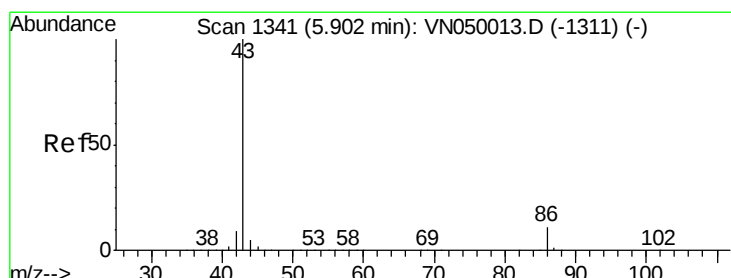
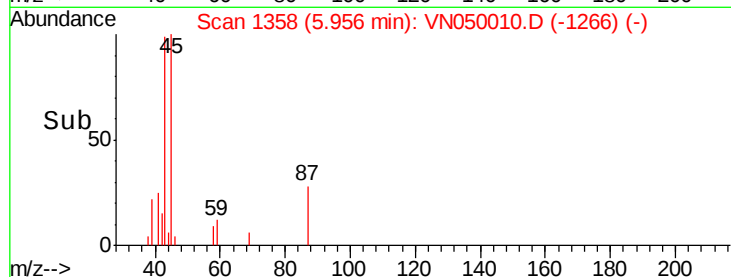
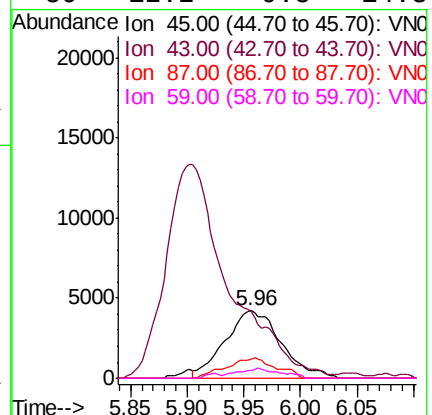
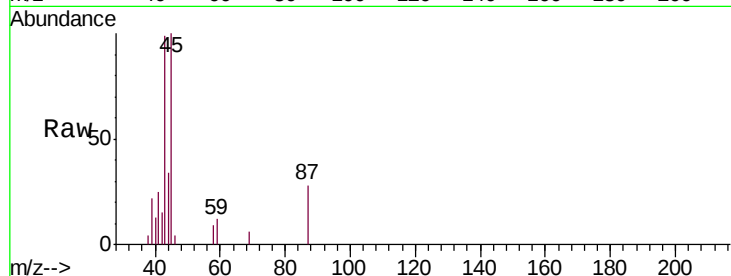
#22
Diisopropyl ether
Concen: 0.85 ug/l
RT: 5.96 min Scan# 1358
Delta R.T. -0.00 min
Lab File: VN050010.D
Acq: 23 Jul 2018 17:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ion	Ratio	Lower	Upper
45	100			
43	91.7	45.7	68.5#	
87	28.2	22.7	34.1	
59	12.2	9.5	14.3	

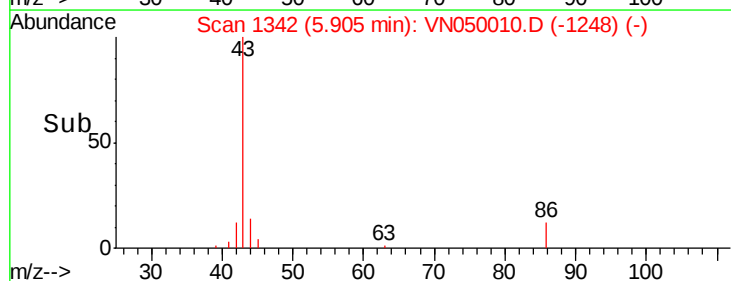
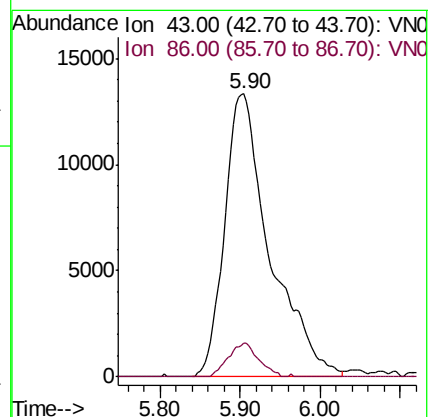
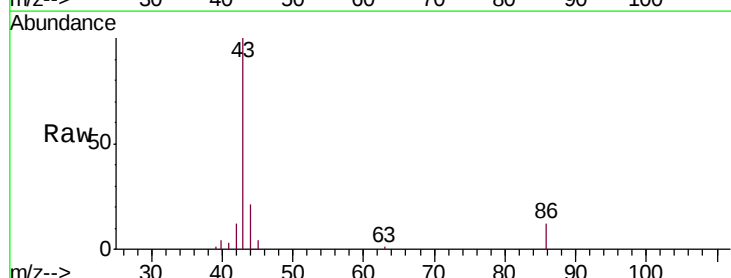
Manual Integrations
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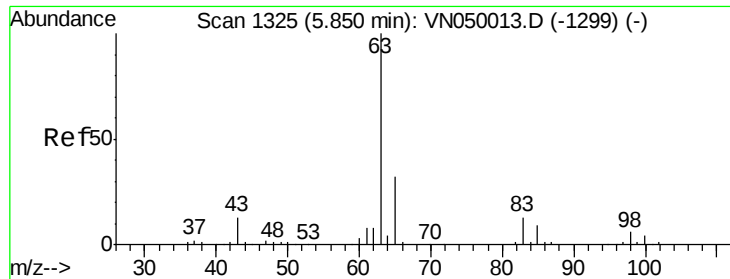
MMDadoda
7/26/2018 1:50:37 PM



#23
Vinyl Acetate
Concen: 4.32 ug/l
RT: 5.90 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VN050010.D
Acq: 23 Jul 2018 17:33

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
86	11.7	8.6	13.0	





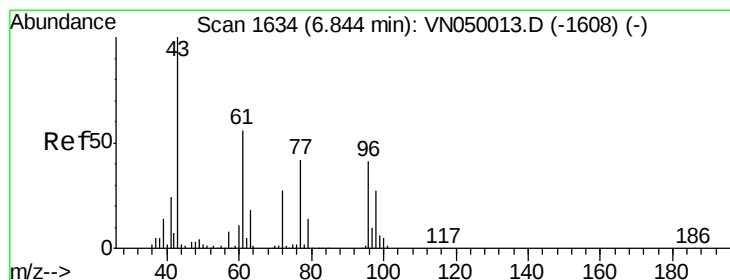
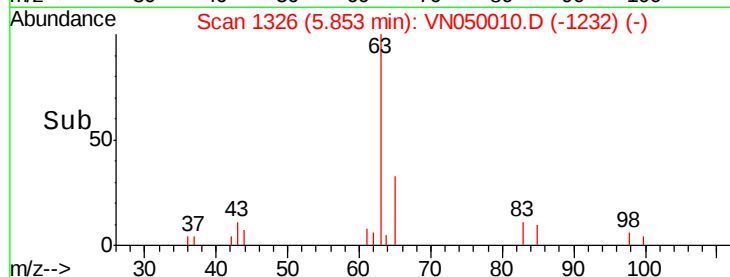
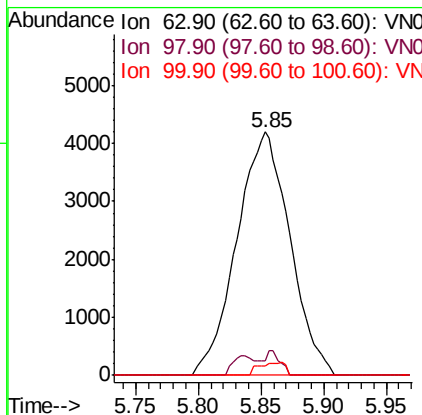
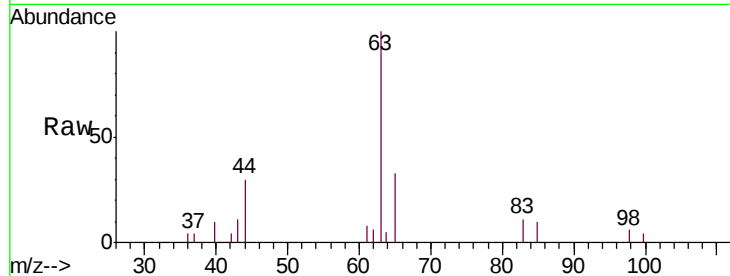
#24
 1,1-Dichloroethane
 Concen: 1.12 ug/l
 RT: 5.85 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: VN050010.D
 Acq: 23 Jul 2018 17:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
63	100		
98	5.8	3.3	9.8
100	4.0	2.1	6.3

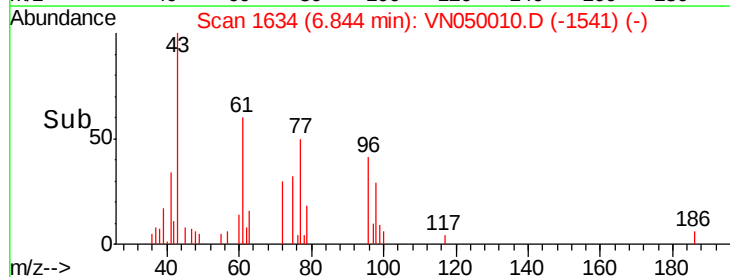
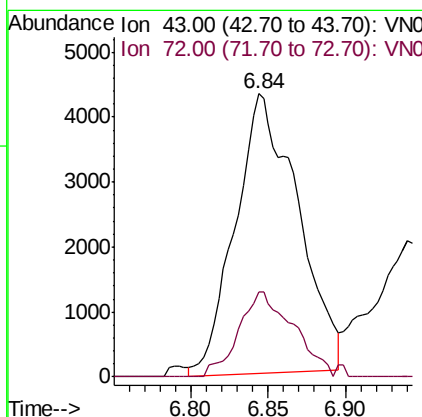
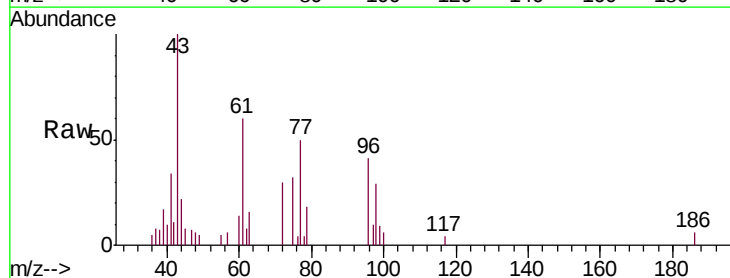
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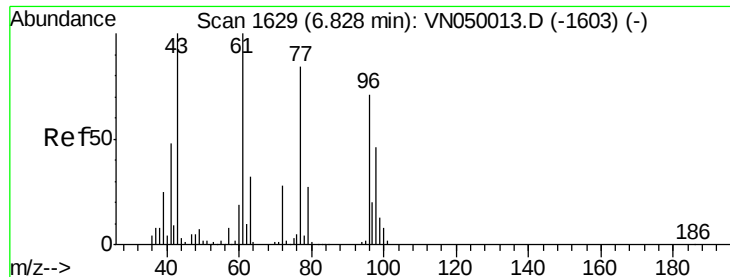
MMDadoda
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#25
 2-Butanone
 Concen: 4.86 ug/l
 RT: 6.84 min Scan# 1634
 Delta R.T. -0.00 min
 Lab File: VN050010.D
 Acq: 23 Jul 2018 17:33

Tgt Ion	Ratio	Lower	Upper
43	100		
72	31.1	21.5	32.3





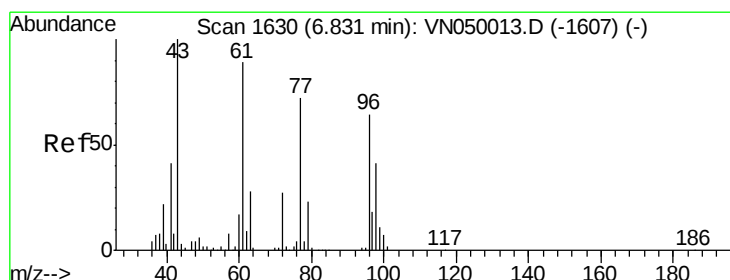
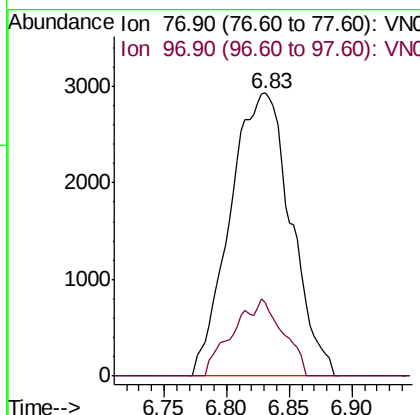
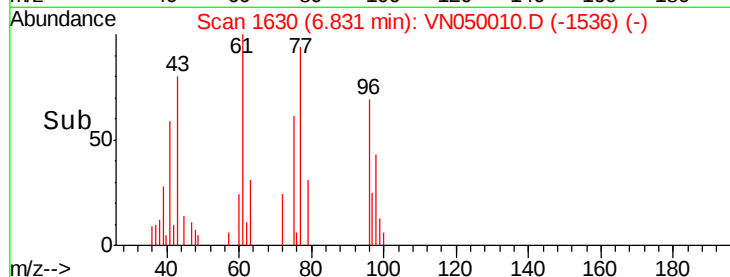
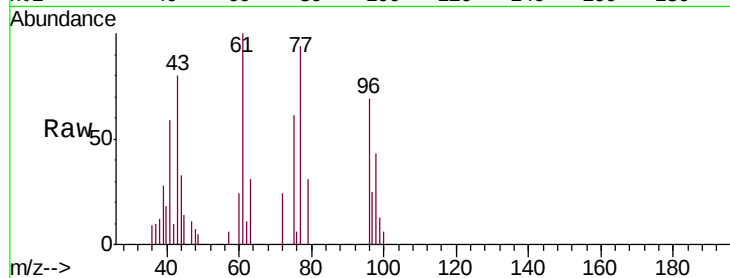
#26
2,2-Dichloropropane
Concen: 1.15 ug/l
RT: 6.83 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VN050010.D
Acq: 23 Jul 2018 17:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 77 Resp: 9864
Ion Ratio Lower Upper
77 100
97 12.0 11.8 35.3

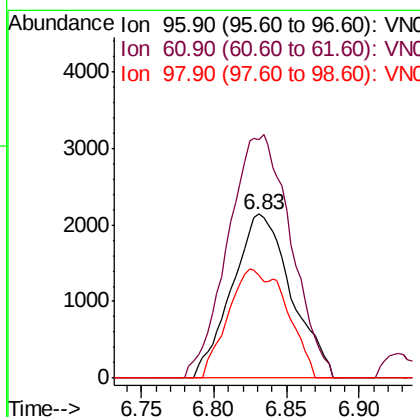
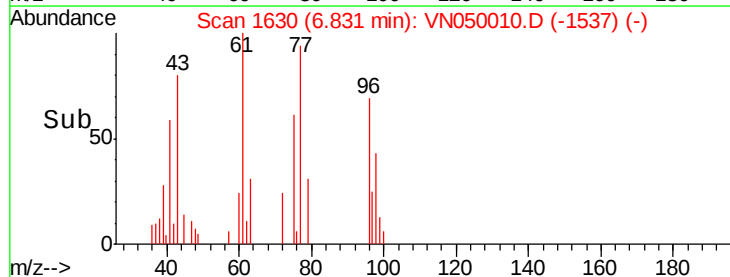
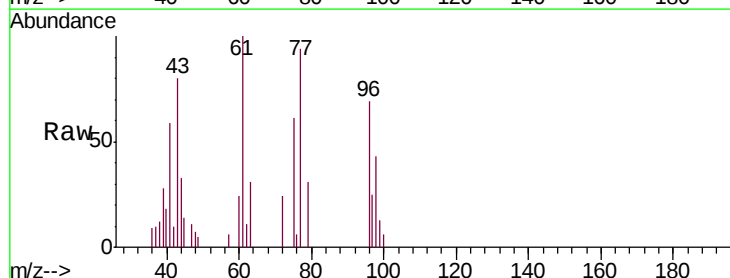
Manual Integrations
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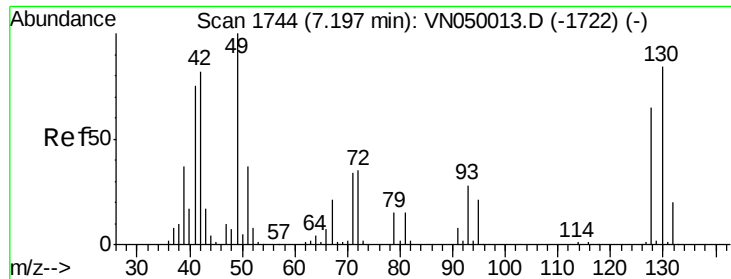
MMDadoda
7/26/2018 1:50:37 PM



#27
cis-1,2-Dichloroethene
Concen: 0.98 ug/l
RT: 6.83 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VN050010.D
Acq: 23 Jul 2018 17:33

Tgt Ion: 96 Resp: 6084
Ion Ratio Lower Upper
96 100
61 157.2 0.0 285.0
98 65.7 0.0 129.2





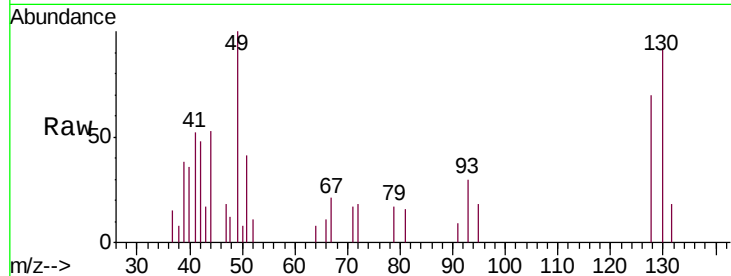
#28
Bromochloromethane
Concen: 1.08 ug/l
RT: 7.19 min Scan# 1743
Delta R.T. -0.00 min
Lab File: VN050010.D
Acq: 23 Jul 2018 17:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

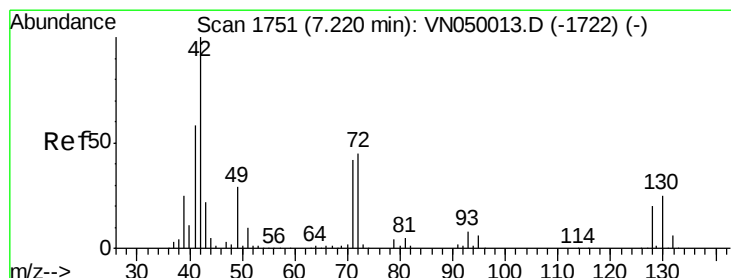
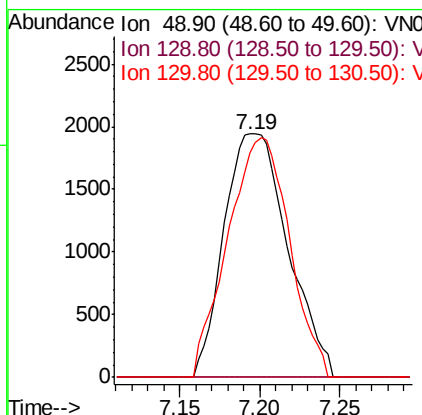
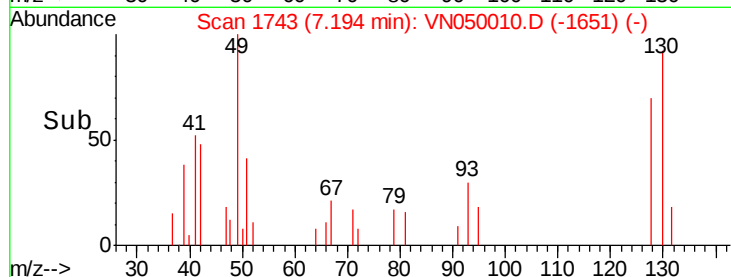
Tot Ion: 49 Resp: 5330
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 94.9 66.3 99.5

Manual Integrations
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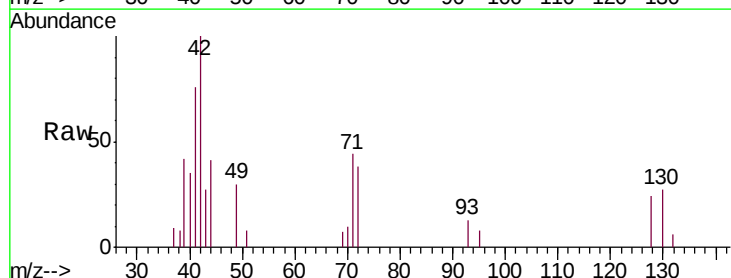


Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

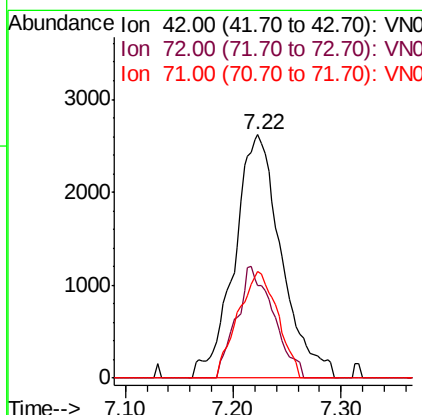
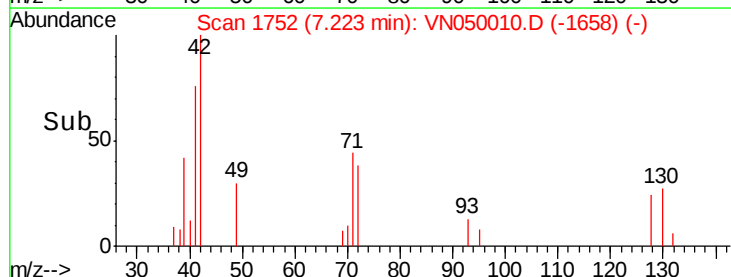


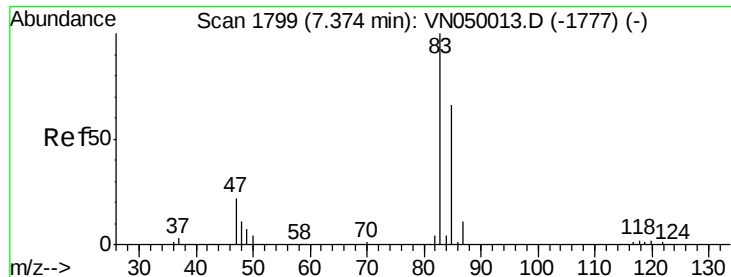
#29
Tetrahydrofuran
Concen: 5.05 ug/l
RT: 7.22 min Scan# 1752
Delta R.T. 0.00 min
Lab File: VN050010.D
Acq: 23 Jul 2018 17:33

Tgt Ion: 42 Resp: 7936
Ion Ratio Lower Upper
42 100
72 36.1 35.9 53.9
71 36.9 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





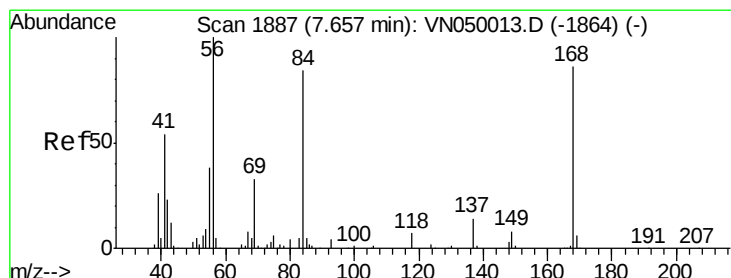
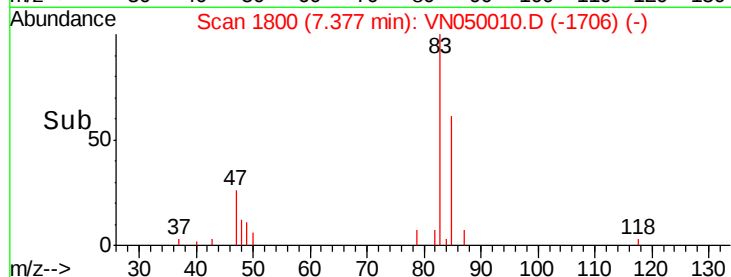
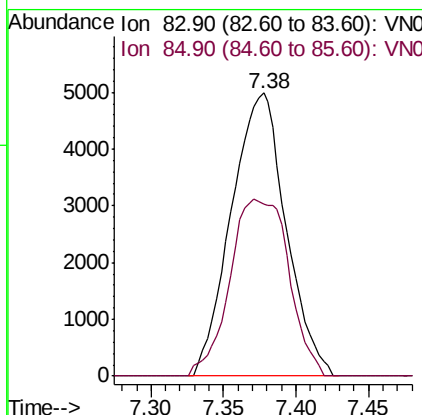
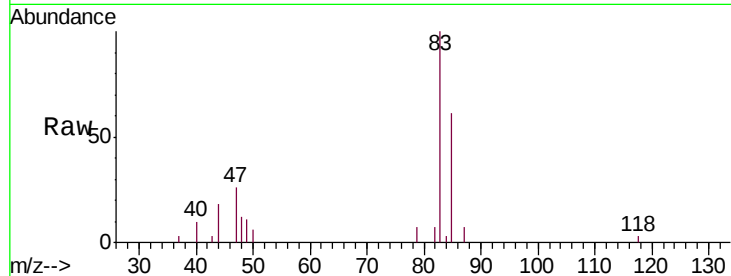
#30
Chloroform
Concen: 1.16 ug/l
RT: 7.38 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN050010.D
Acq: 23 Jul 2018 17:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 83 Resp: 13090
Ion Ratio Lower Upper
83 100
85 60.8 52.5 78.7

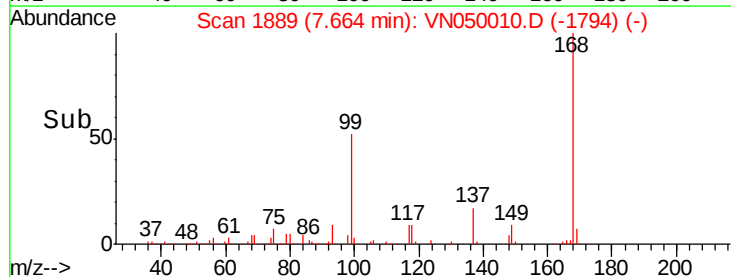
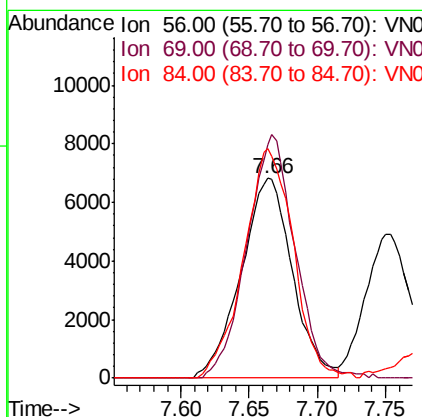
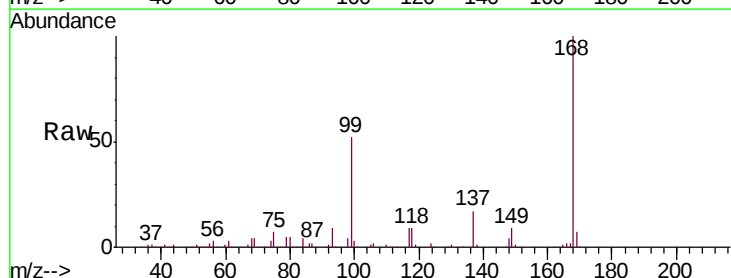
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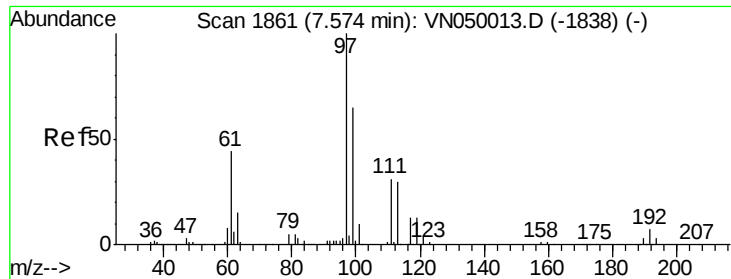
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#31
Cyclohexane
Concen: 1.73 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. 0.01 min
Lab File: VN050010.D
Acq: 23 Jul 2018 17:33

Tgt Ion: 56 Resp: 17861
Ion Ratio Lower Upper
56 100
69 117.0 26.2 39.4#
84 114.5 67.4 101.0#





#32

1,1,1-Trichloroethane

Concen: 1.13 ug/l

RT: 7.57 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VN050010.D

Acq: 23 Jul 2018 17:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 97 Resp: 11028

Ion Ratio Lower Upper

97 100

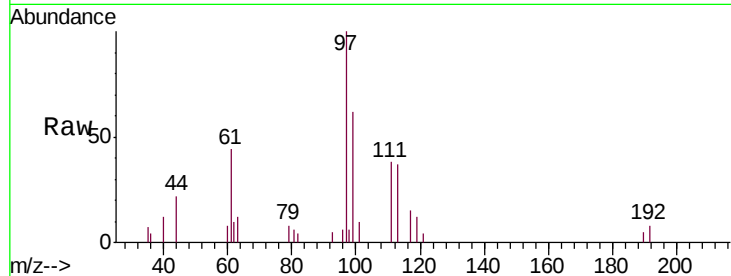
99 0.0 51.4 77.0#

61 44.6 35.4 53.0

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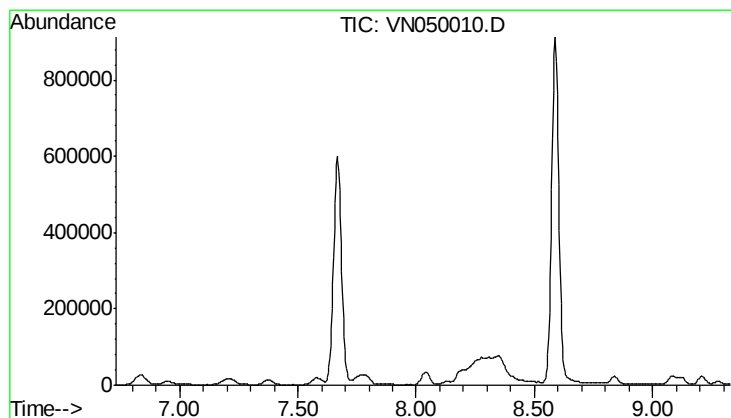
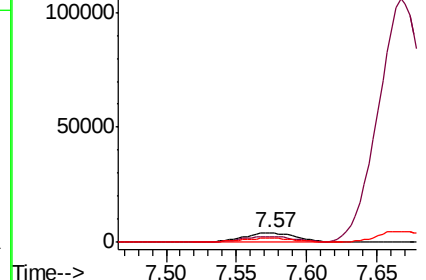
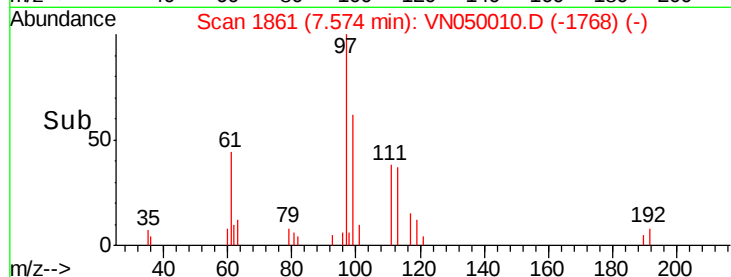


Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 0.00 ug/l

Expected RT: 8.03 min

Lab File: VN050010.D

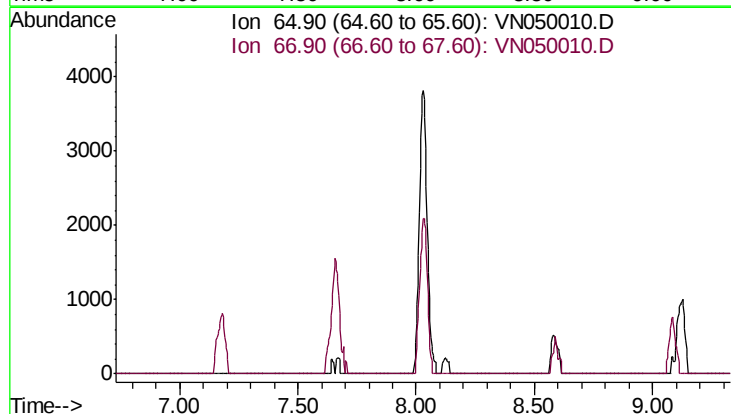
Acq: 23 Jul 2018 17:33

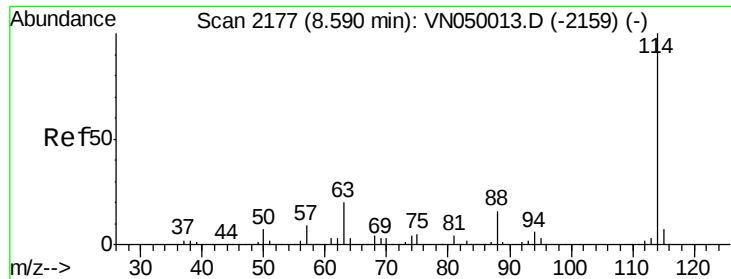
Tgt Ion: 65

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: VN050010.D

Acq: 23 Jul 2018 17:33

Instrument :

MSVOA_N

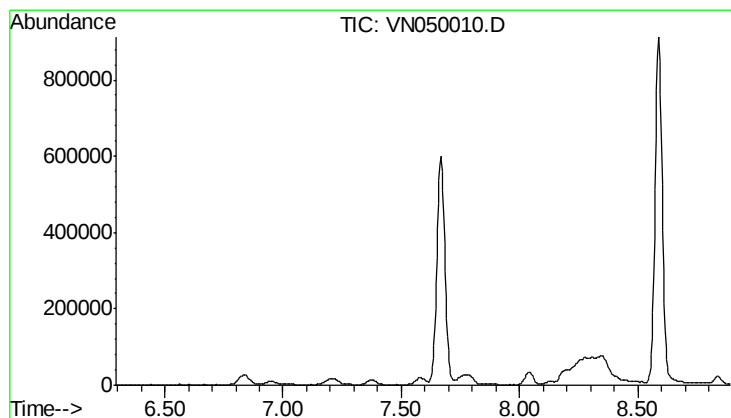
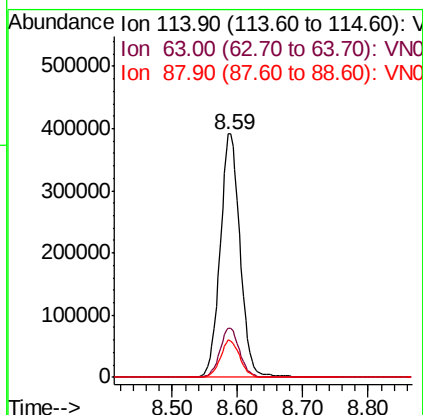
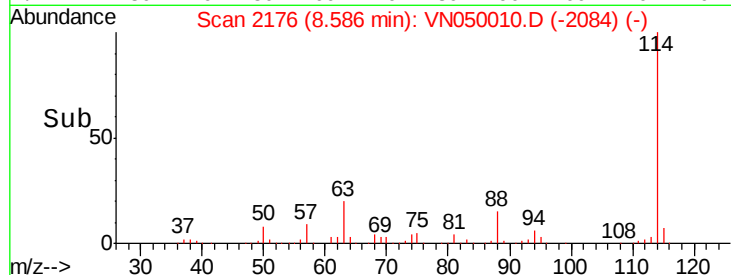
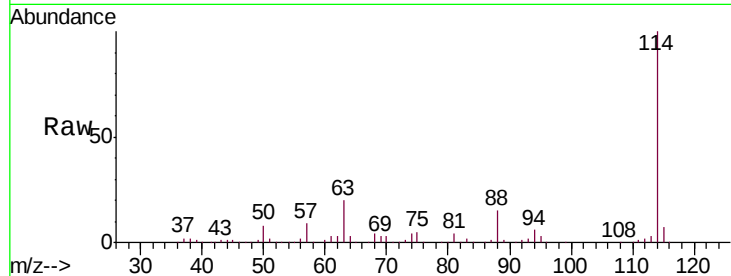
ClientSampleId :

VSTDIC001

Tot Ion:	114	Resp:	829417
Ion Ratio	Lower	Upper	
114	100		
63	20.3	0.0	40.0
88	15.3	0.0	31.2

Manual Integrations
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#35

Dibromofluoromethane

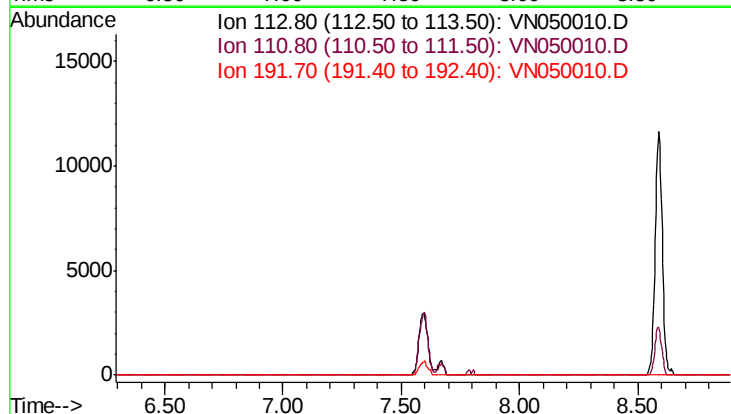
Concen: 0.00 ug/l

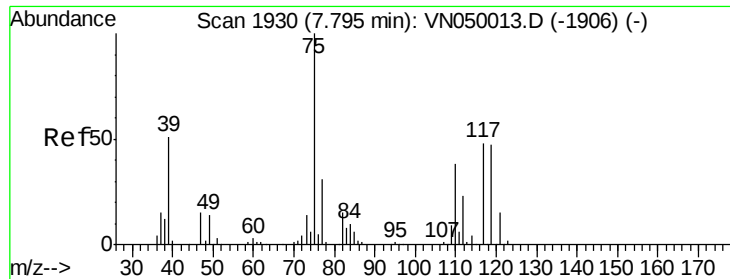
Expected RT: 7.59 min

Lab File: VN050010.D

Acq: 23 Jul 2018 17:33

Tgt Ion:	113
Sig	Exp Ratio
113	100
111	100.9
192	22.2





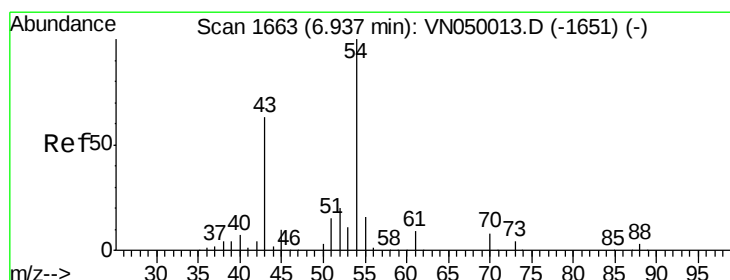
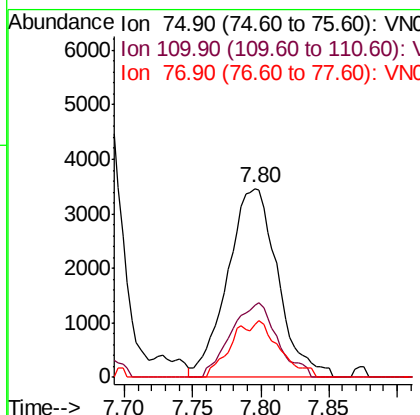
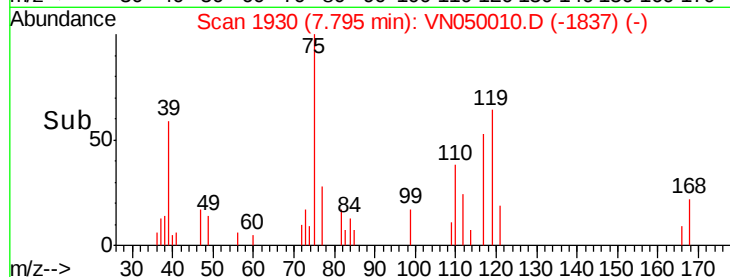
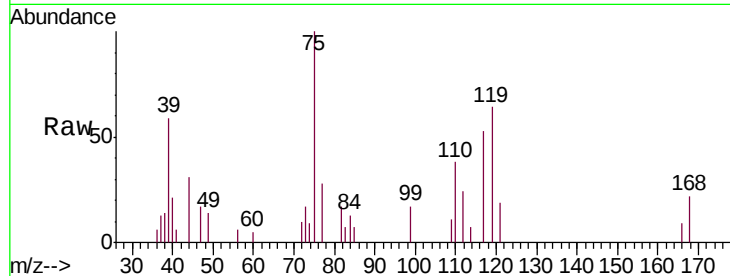
#36
 1,1-Dichloropropene
 Concen: 0.96 ug/l
 RT: 7.80 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VN050010.D
 Acq: 23 Jul 2018 17:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	36.5	18.4	55.2
77	12.7	25.3	37.9#

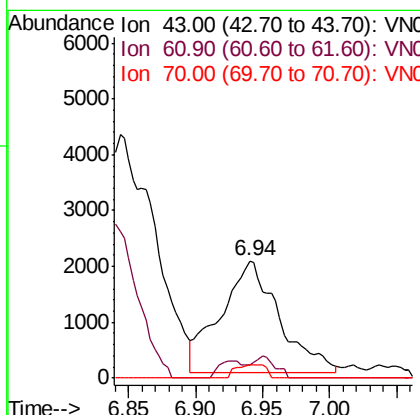
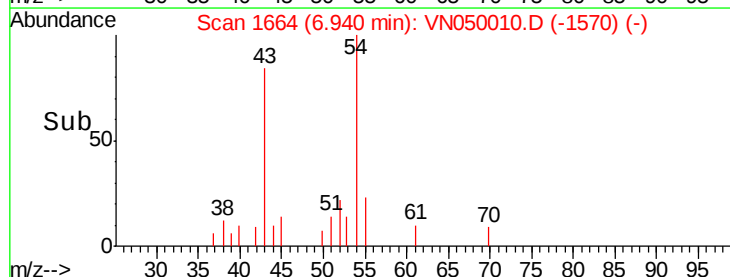
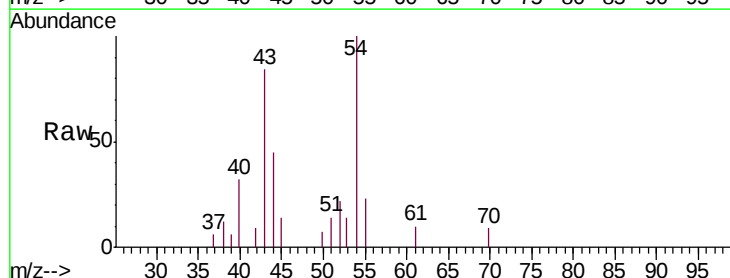
Manual Integrations
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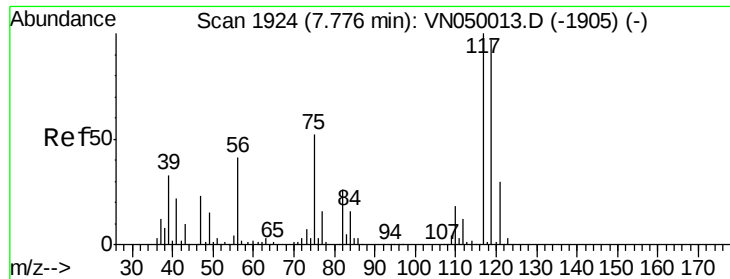
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#37
 Ethyl Acetate
 Concen: 0.96 ug/l m
 RT: 6.94 min Scan# 1664
 Delta R.T. 0.00 min
 Lab File: VN050010.D
 Acq: 23 Jul 2018 17:33

Tgt Ion	Ratio	Lower	Upper
43	100		
61	7.7	11.8	17.8#
70	5.9	8.4	12.6#





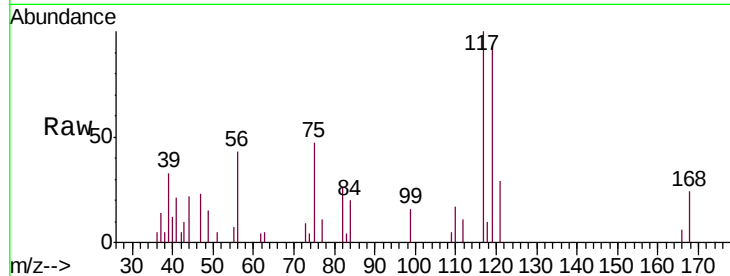
#38
Carbon Tetrachloride
Concen: 1.05 ug/l
RT: 7.78 min Scan# 1924
Delta R.T. -0.00 min
Lab File: VN050010.D
Acq: 23 Jul 2018 17:33

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	93.5	77.4	116.0
121	29.1	23.9	35.9

Manual Integrations
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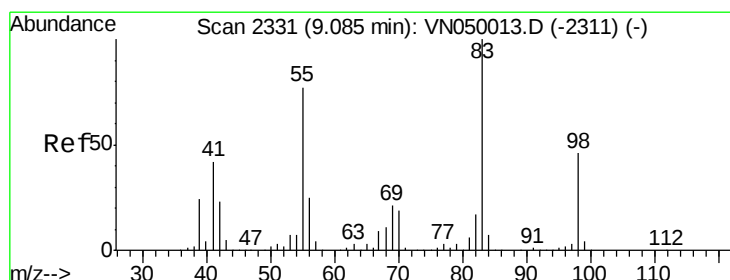
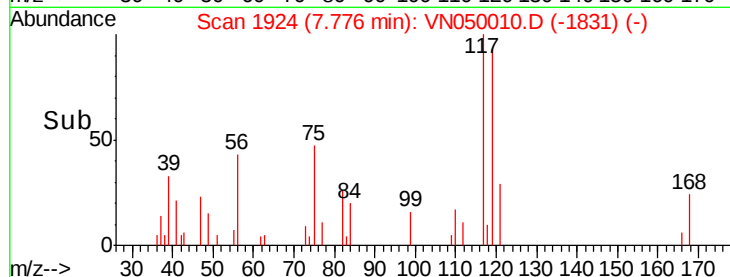
Abundance

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

Time-->



#39
Methylcyclohexane
Concen: 0.88 ug/l
RT: 9.08 min Scan# 2329
Delta R.T. -0.01 min
Lab File: VN050010.D
Acq: 23 Jul 2018 17:33

Tgt Ion	Ratio	Lower	Upper
83	100		
55	90.2	61.8	92.8
98	43.3	36.5	54.7

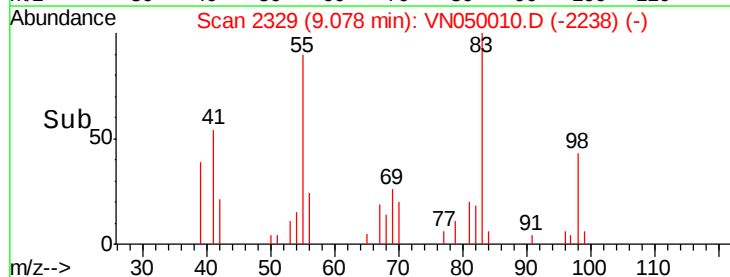
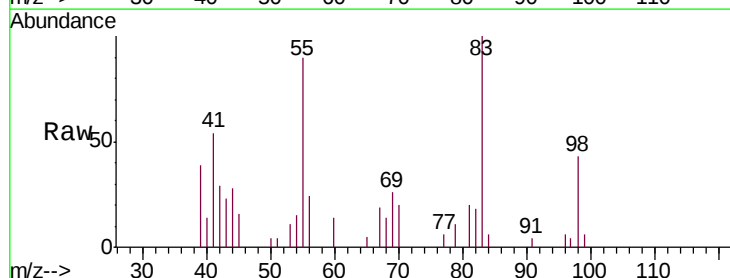
Abundance

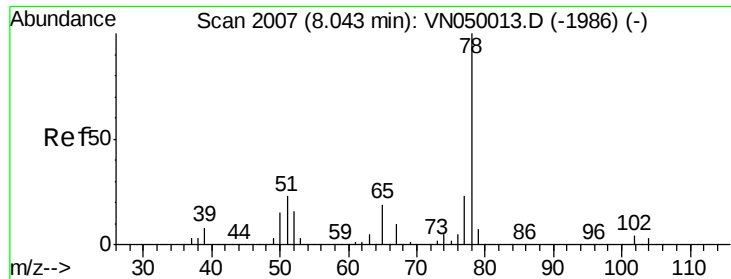
Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V

Time-->





#40

Benzene

Concen: 0.94 ug/l

RT: 8.05 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VN050010.D

Acq: 23 Jul 2018 17:33

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 78 Resp: 26532

Ion Ratio Lower Upper

78 100

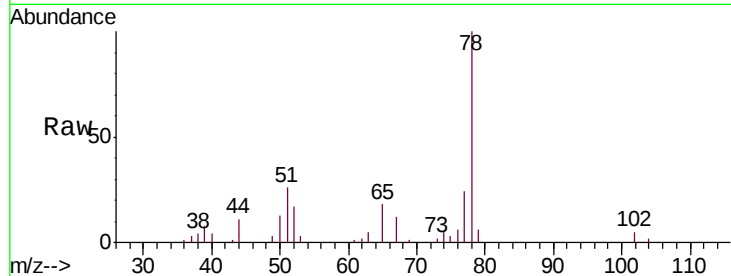
77 24.0 18.7 28.1

Manual Integrations

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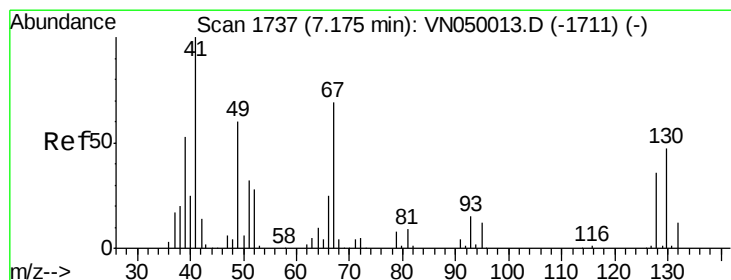
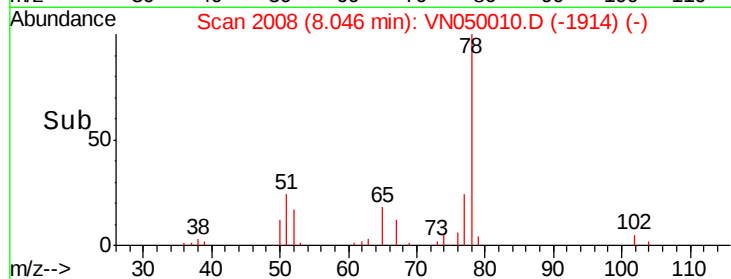
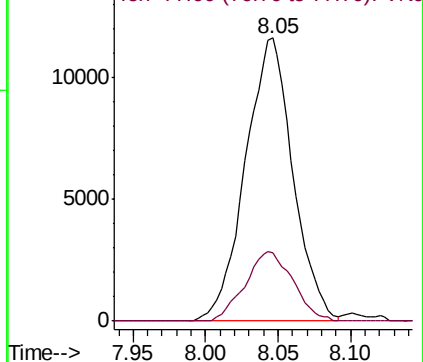
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Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#41

Methacrylonitrile

Concen: 0.80 ug/l

RT: 7.17 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VN050010.D

Acq: 23 Jul 2018 17:33

Tgt Ion: 41 Resp: 2505

Ion Ratio Lower Upper

41 100

39 71.8 55.8 83.6

67 74.3 84.3 126.5#

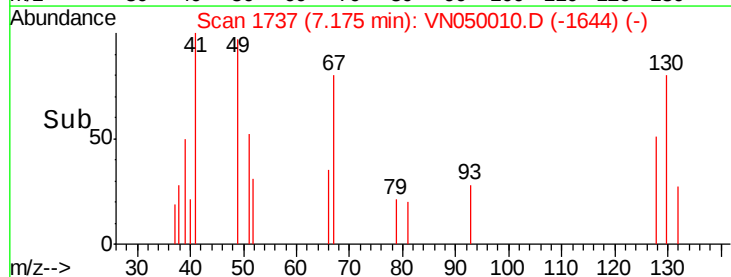
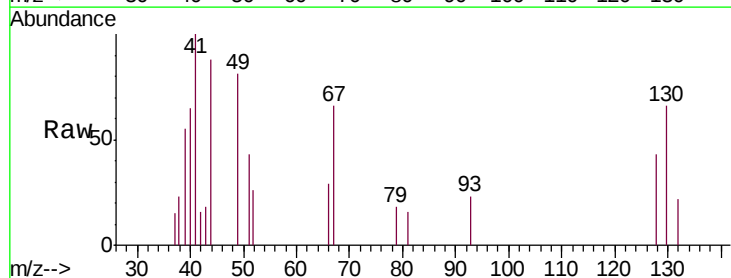
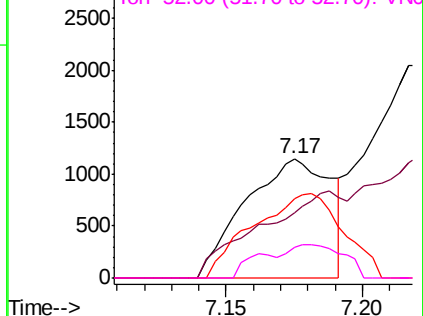
52 18.6 34.2 51.2#

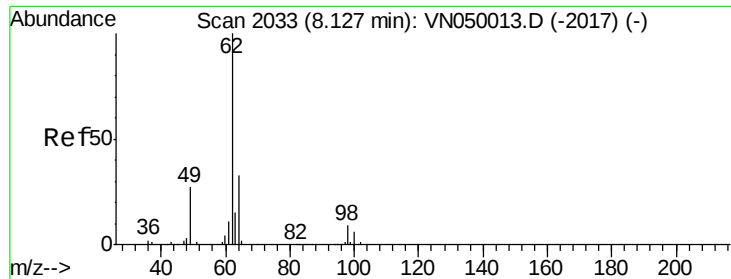
Abundance Ion 41.00 (40.70 to 41.70): VN0

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: 1.07 ug/l

RT: 8.13 min Scan# 2035

Delta R.T. 0.01 min

Lab File: VN050010.D

Acq: 23 Jul 2018 17:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 62 Resp: 9991

Ion Ratio Lower Upper

62 100

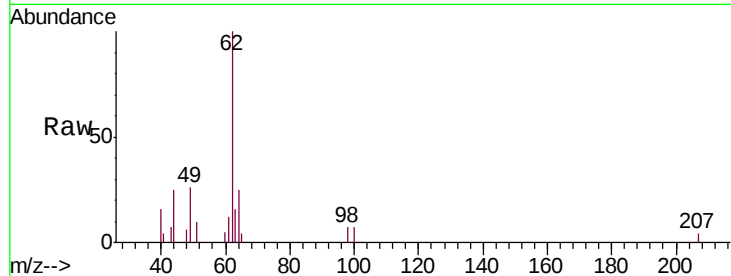
98 3.5 0.0 18.8

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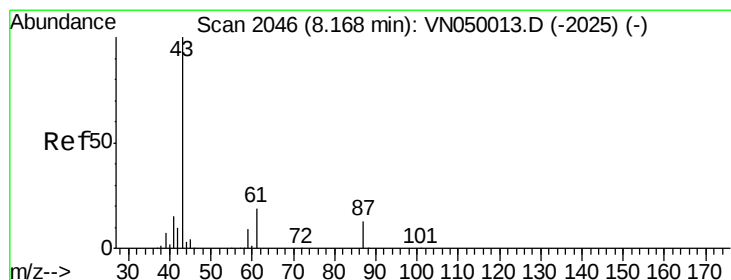
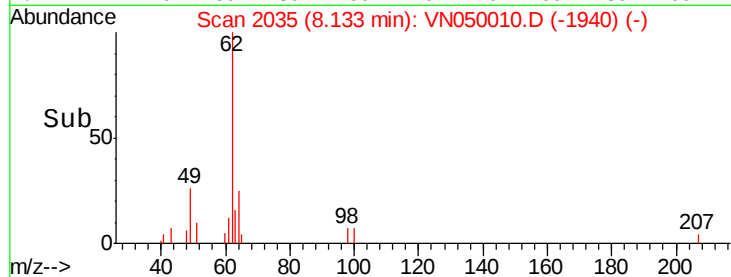
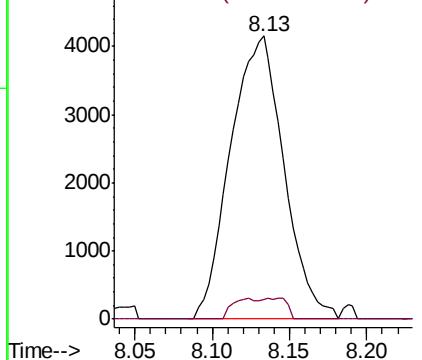
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Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 97.90 (97.60 to 98.60): VNO



#43

Isopropyl Acetate

Concen: 2.68 ug/l

RT: 8.19 min Scan# 2052

Delta R.T. 0.02 min

Lab File: VN050010.D

Acq: 23 Jul 2018 17:33

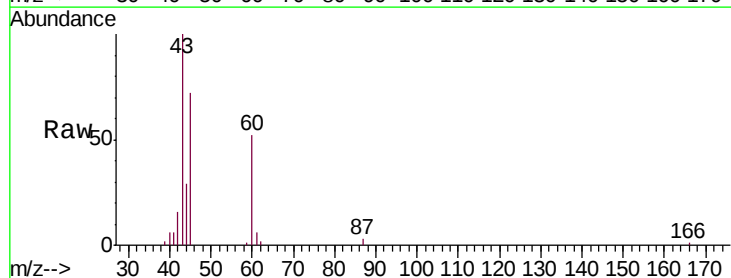
Tgt Ion: 43 Resp: 29963

Ion Ratio Lower Upper

43 100

61 0.0 15.8 23.6#

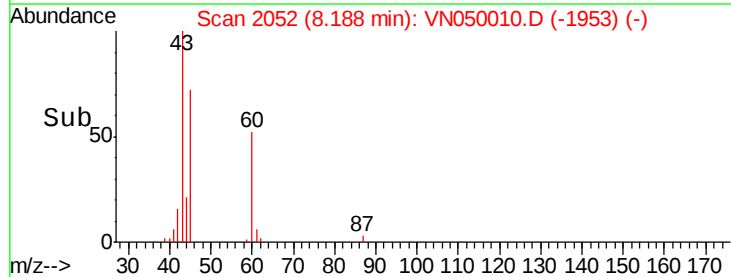
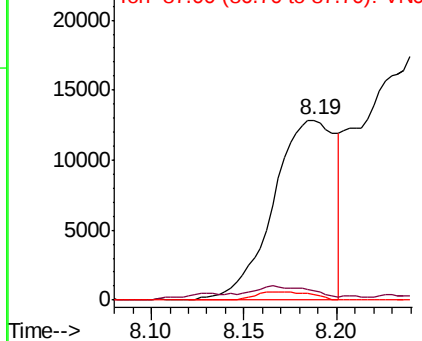
87 0.0 10.3 15.5#

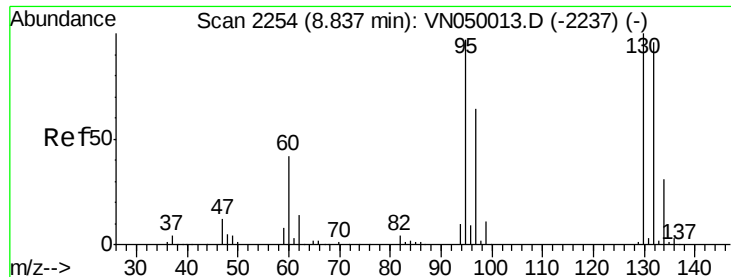


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#44

Trichloroethene

Concen: 1.10 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. -0.00 min

Lab File: VN050010.D

Acq: 23 Jul 2018 17:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 8132

Ion Ratio Lower Upper

130 100

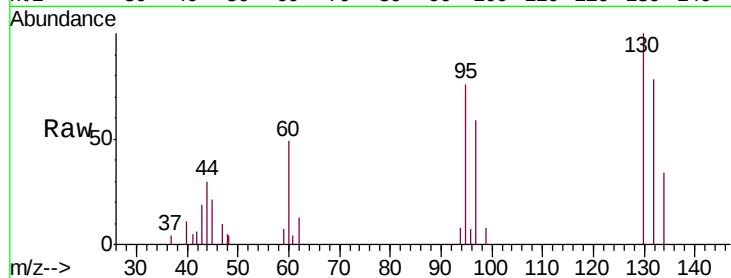
95 76.2 0.0 194.6

Manual Integrations

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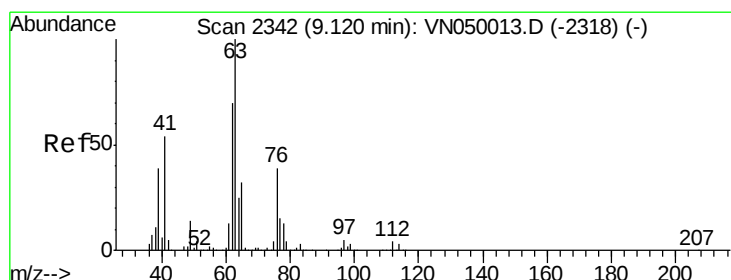
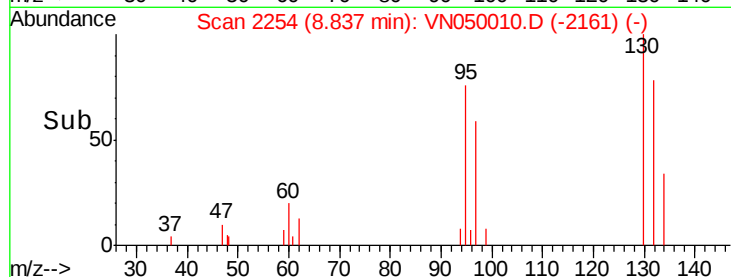
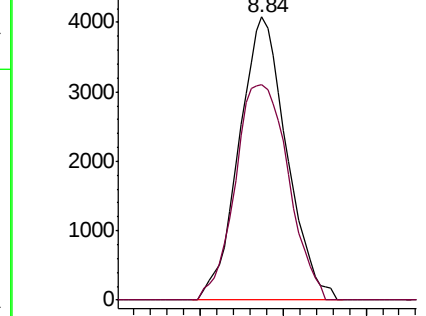
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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#45

1,2-Dichloropropane

Concen: 0.96 ug/l

RT: 9.12 min Scan# 2343

Delta R.T. 0.00 min

Lab File: VN050010.D

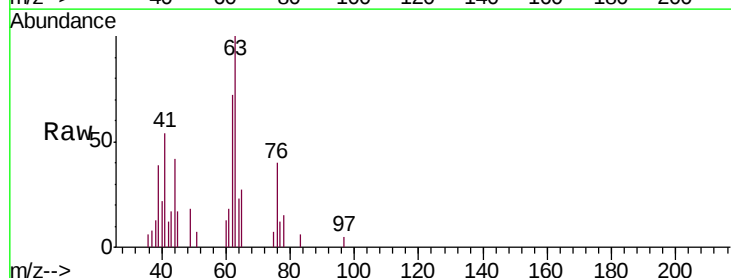
Acq: 23 Jul 2018 17:33

Tgt Ion: 63 Resp: 7341

Ion Ratio Lower Upper

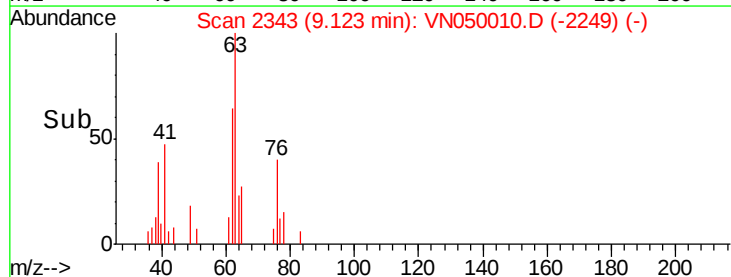
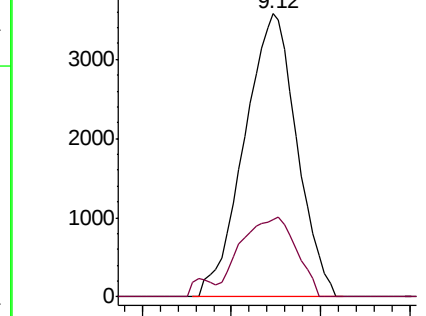
63 100

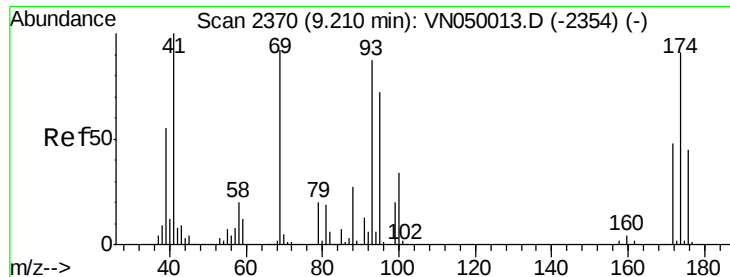
65 27.2 25.5 38.3



Abundance Ion 62.90 (62.60 to 63.60): VN

Ion 64.90 (64.60 to 65.60): VN





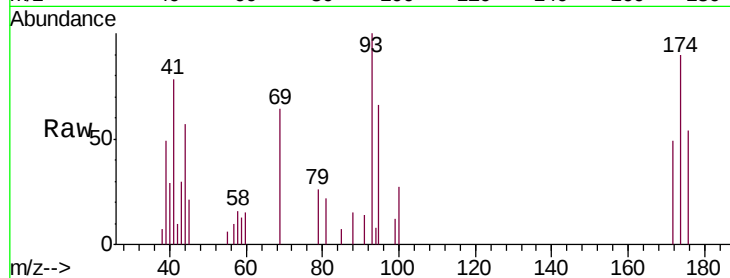
#46
Dibromomethane
Concen: 0.98 ug/l
RT: 9.21 min Scan# 2370
Delta R.T. -0.00 min
Lab File: VN050010.D
Acq: 23 Jul 2018 17:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

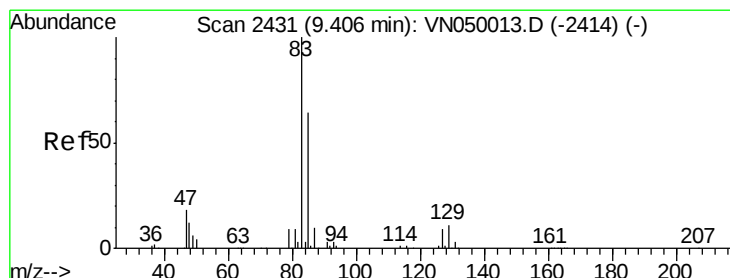
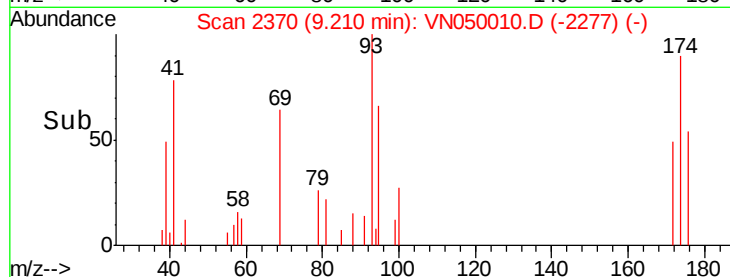
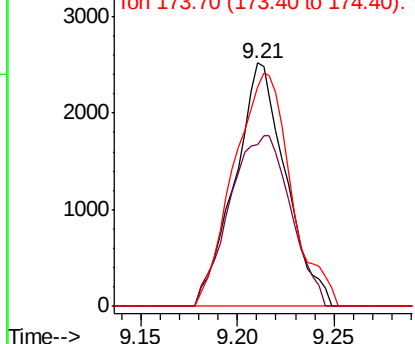
Tot Ion	Ratio	Lower	Upper
93	100		
95	84.0	66.6	100.0
174	107.7	87.1	130.7

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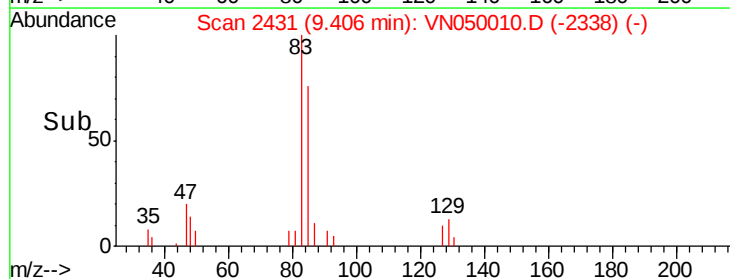
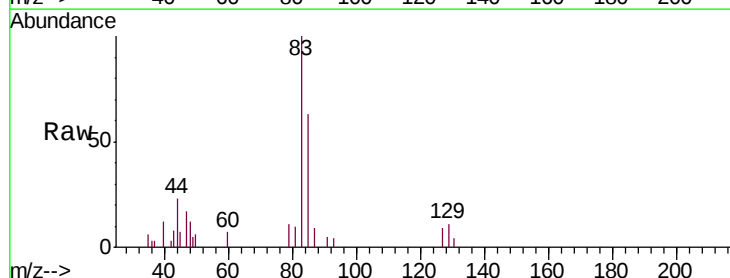
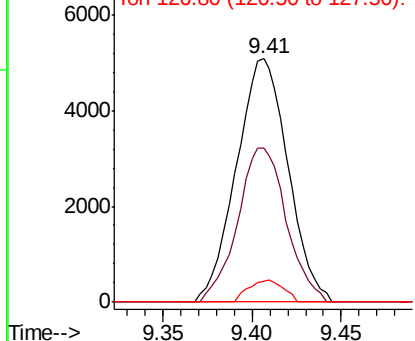
Abundance Ion 92.80 (92.50 to 93.50): VN0
Ion 94.80 (94.50 to 95.50): VN0
Ion 173.70 (173.40 to 174.40): V

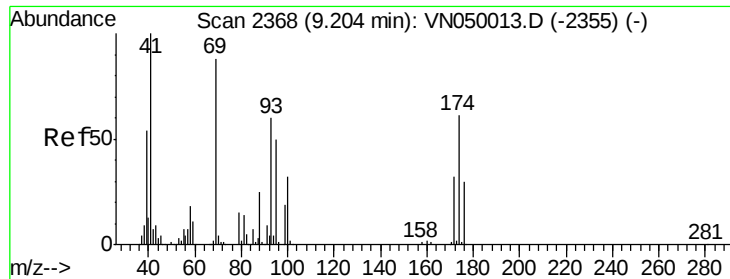


#47
Bromodichloromethane
Concen: 1.05 ug/l
RT: 9.41 min Scan# 2431
Delta R.T. -0.00 min
Lab File: VN050010.D
Acq: 23 Jul 2018 17:33

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	51.1	76.7
127	8.7	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





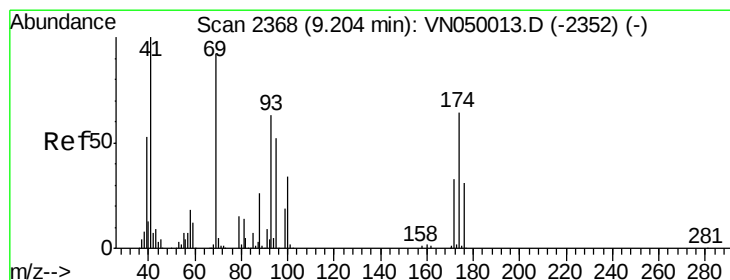
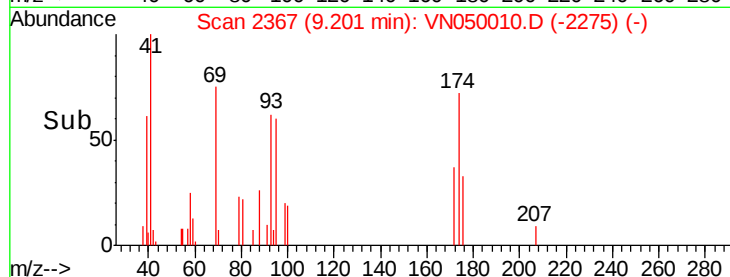
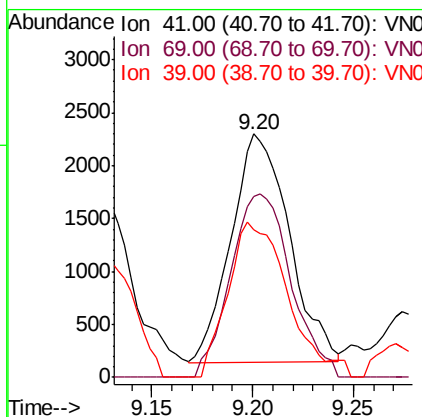
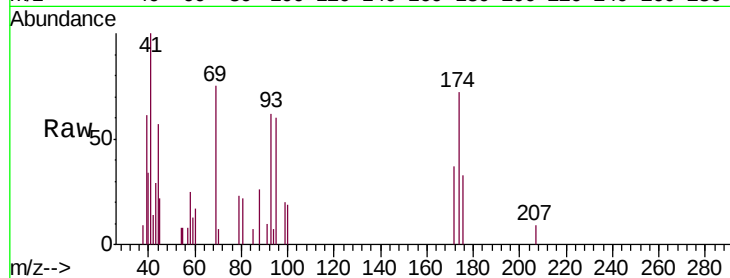
#48
Methvl methacrylate
Concen: 0.77 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN050010.D
Acq: 23 Jul 2018 17:33

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	83.5	70.6	105.8
39	70.5	43.9	65.9#

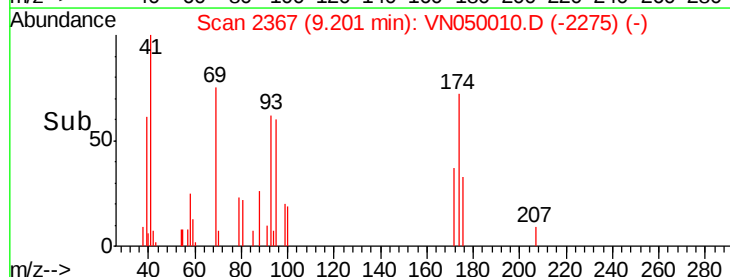
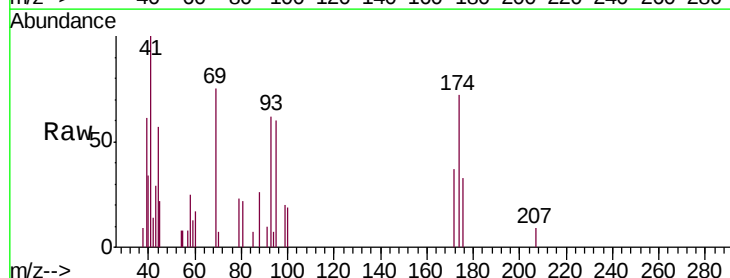
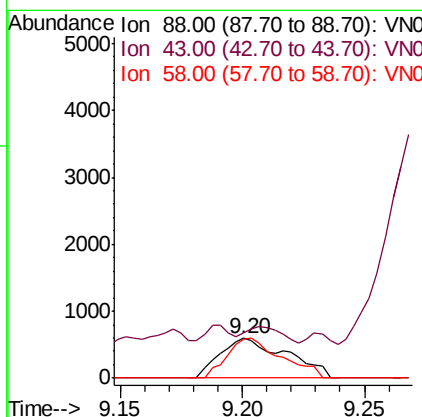
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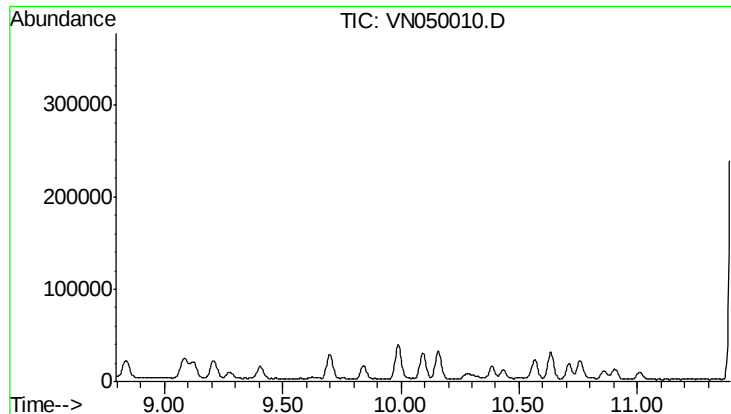
MMDadoda
7/26/2018 1:50:37 PM



#49
1,4-Dioxane
Concen: 14.56 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN050010.D
Acq: 23 Jul 2018 17:33

Tgt Ion	Ratio	Lower	Upper
88	100		
43	19.4	26.9	40.3#
58	80.1	57.3	85.9





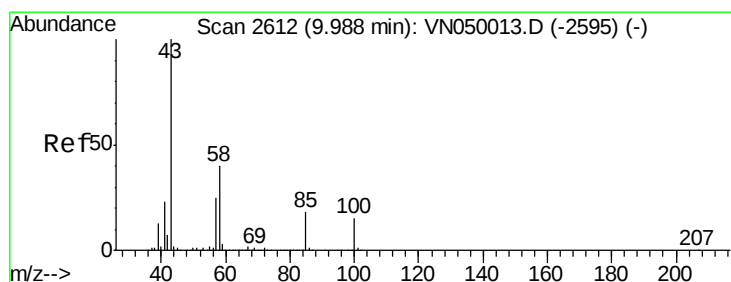
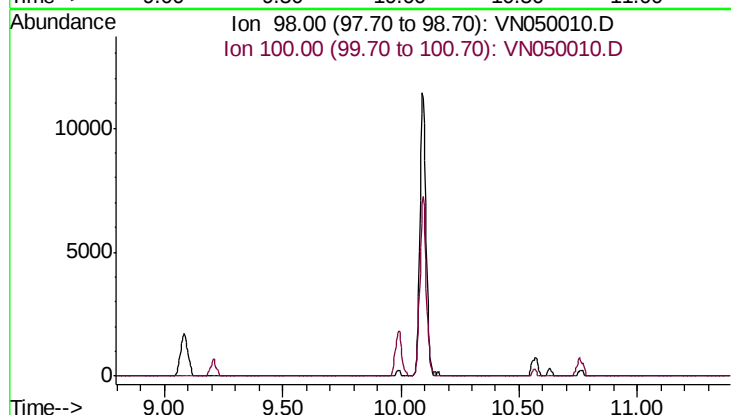
#50
Toluene-d8
Concen: 0.00 ug/l
Expected RT: 10.09 min
Lab File: VN050010.D
Acq: 23 Jul 2018 17:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 98
Sig Exp Ratio
98 100
100 63.4

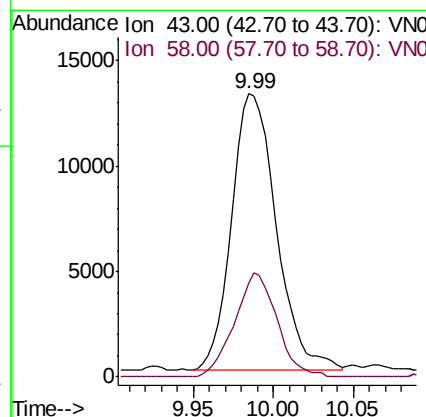
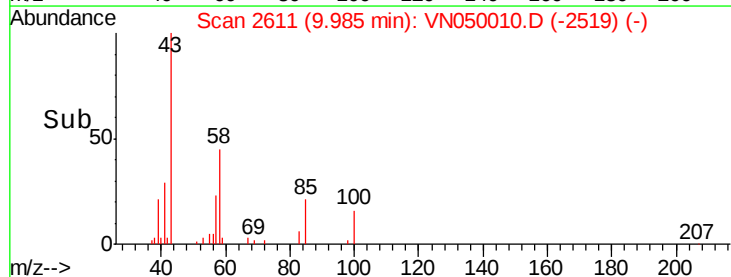
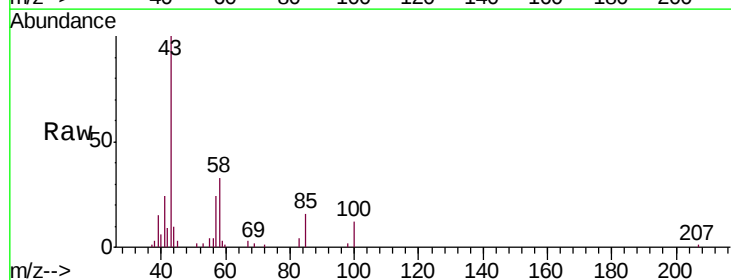
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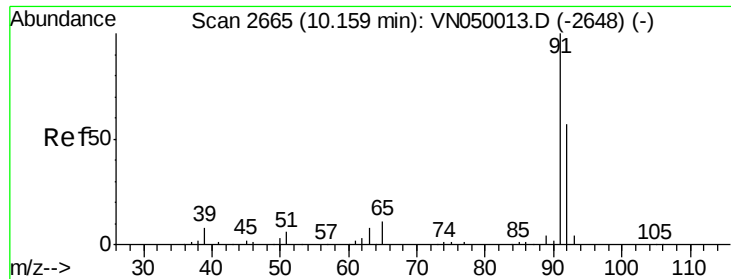
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#51
4-Methyl-2-Pentanone
Concen: 4.03 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. -0.00 min
Lab File: VN050010.D
Acq: 23 Jul 2018 17:33

Tgt Ion: 43 Resp: 25031
Ion Ratio Lower Upper
43 100
58 35.6 31.9 47.9





#52

Toluene

Concen: 0.79 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. -0.00 min

Lab File: VN050010.D

Acq: 23 Jul 2018 17:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 13237

Ion Ratio Lower Upper

92 100

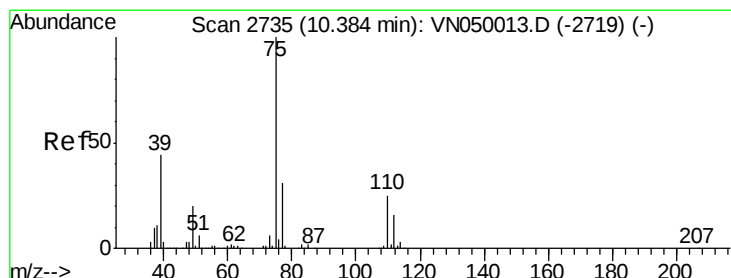
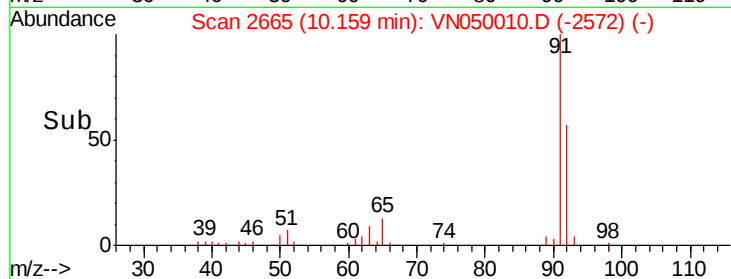
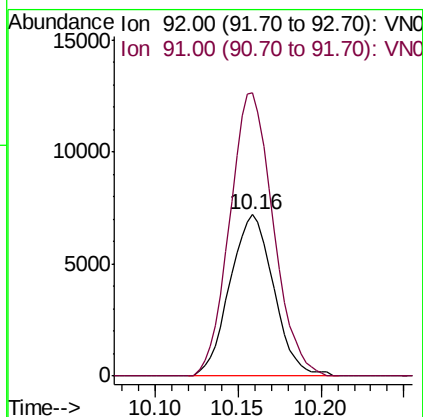
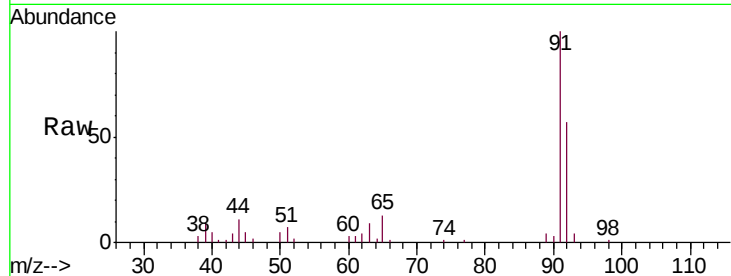
91 174.0 140.3 210.5

Manual Integrations

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#53

t-1,3-Dichloropropene

Concen: 0.75 ug/l

RT: 10.39 min Scan# 2736

Delta R.T. 0.00 min

Lab File: VN050010.D

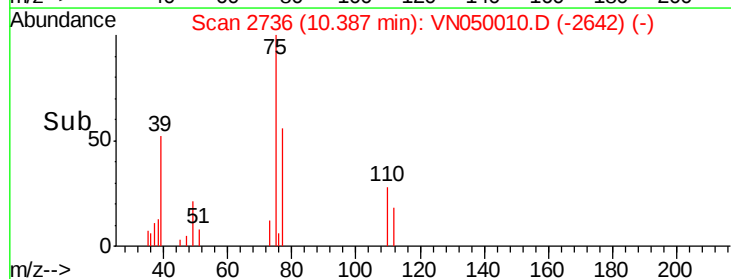
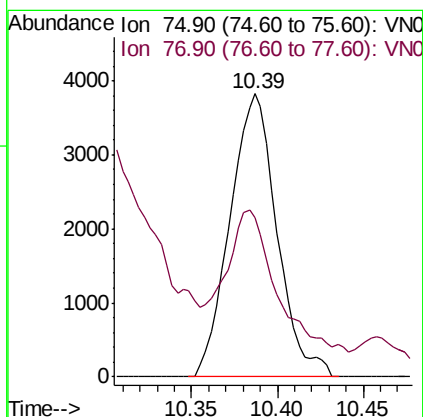
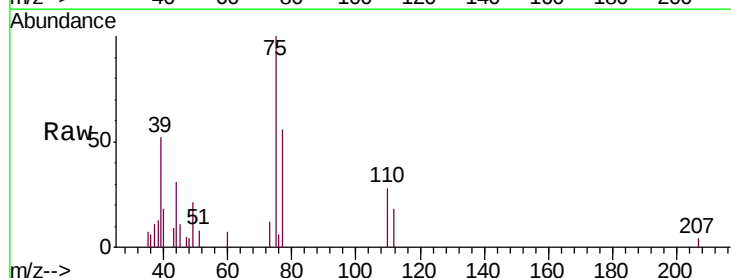
Acq: 23 Jul 2018 17:33

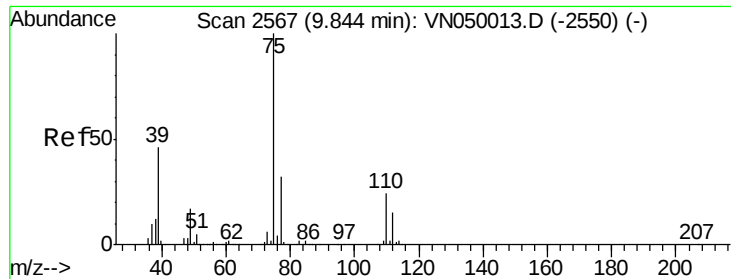
Tgt Ion: 75 Resp: 7261

Ion Ratio Lower Upper

75 100

77 44.8 24.9 37.3#





#54

cis-1,3-Dichloropropene

Concen: 0.81 ug/l

RT: 9.84 min Scan# 2567

Delta R.T. -0.00 min

Lab File: VN050010.D

Acq: 23 Jul 2018 17:33

Instrument :

MSVOA_N

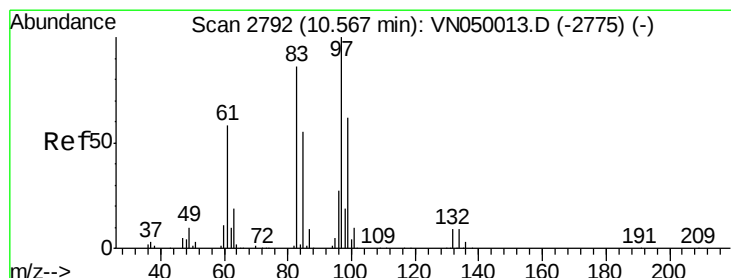
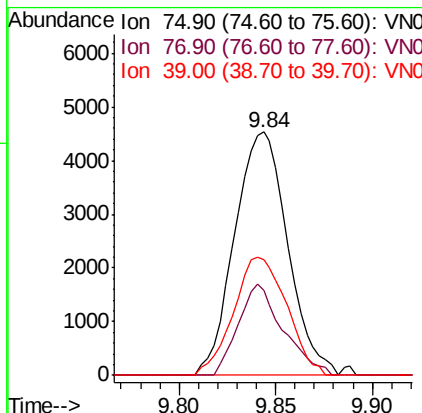
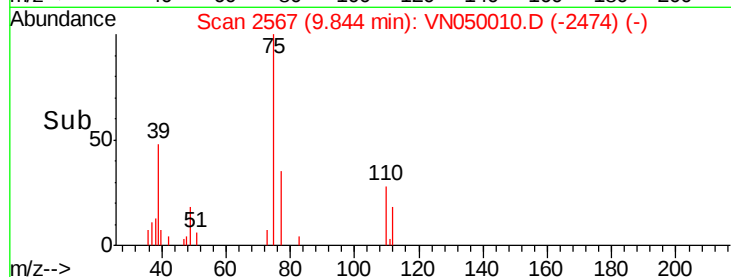
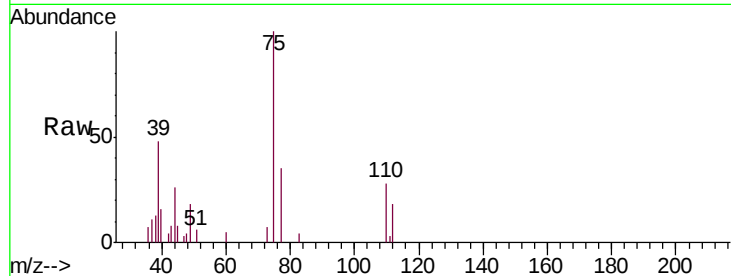
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	8635
Ion	Ratio	Lower	Upper
75	100		
77	35.1	25.5	38.3
39	47.6	36.6	55.0

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#55

1,1,2-Trichloroethane

Concen: 0.91 ug/l

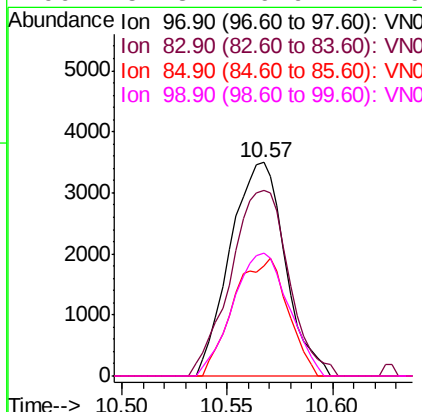
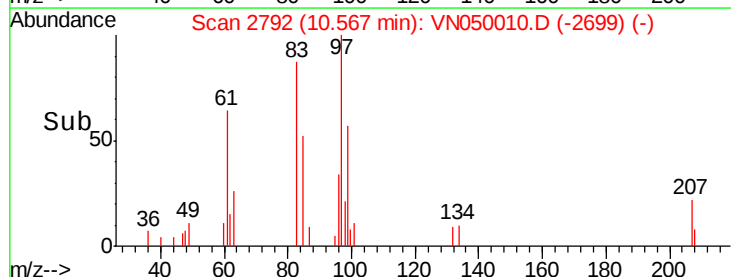
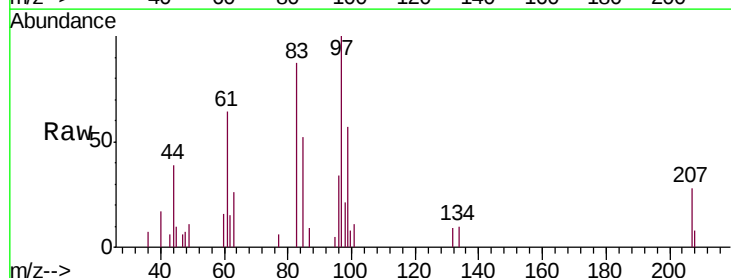
RT: 10.57 min Scan# 2792

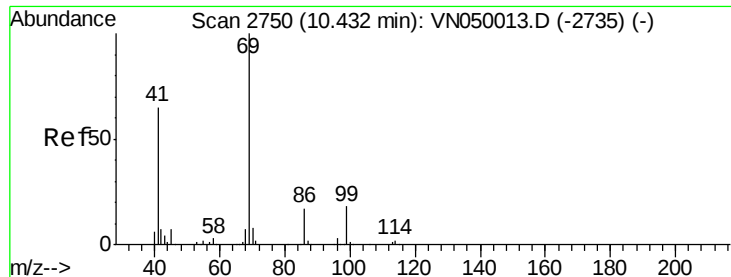
Delta R.T. -0.00 min

Lab File: VN050010.D

Acq: 23 Jul 2018 17:33

Tgt Ion:	97	Resp:	6333
Ion	Ratio	Lower	Upper
97	100		
83	87.0	69.2	103.8
85	51.7	44.0	66.0
99	57.3	49.9	74.9





#56

Ethyl methacrylate

Concen: 0.65 ug/l

RT: 10.43 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VN050010.D

Acq: 23 Jul 2018 17:33

Instrument :

MSVOA_N

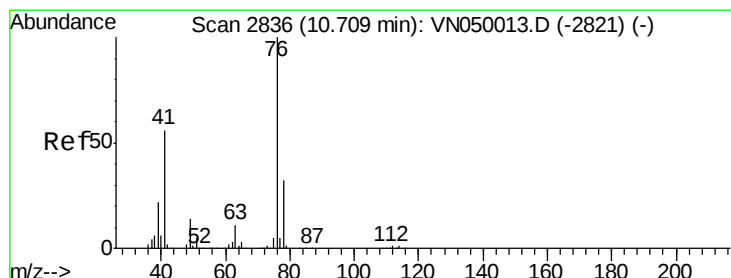
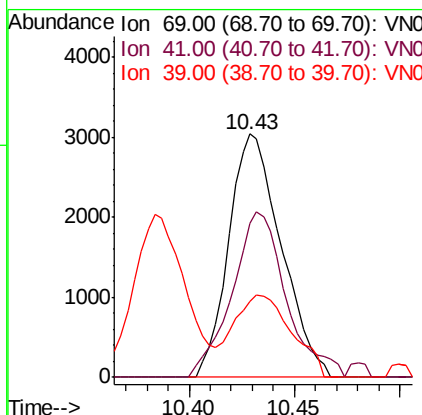
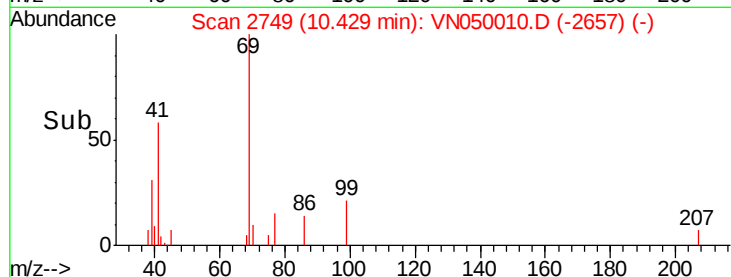
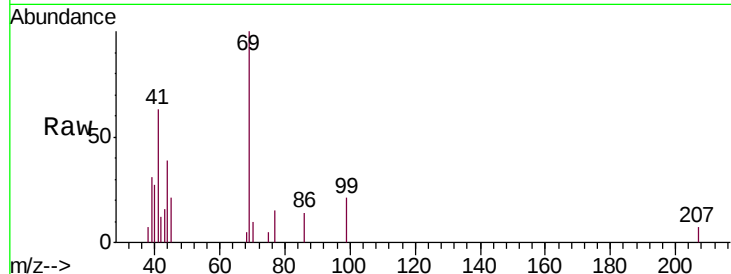
ClientSampled :

VSTDIC001

Tot Ion:	69	Resp:	5240
Ion	Ratio	Lower	Upper
69	100		
41	70.6	51.0	76.4
39	37.5	26.6	40.0

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#57

1,3-Dichloropropane

Concen: 0.87 ug/l

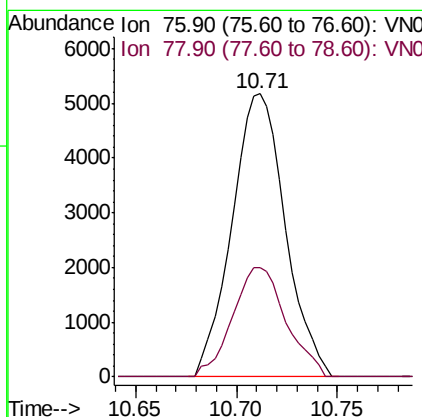
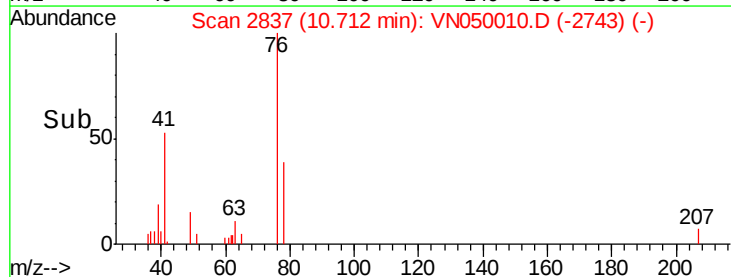
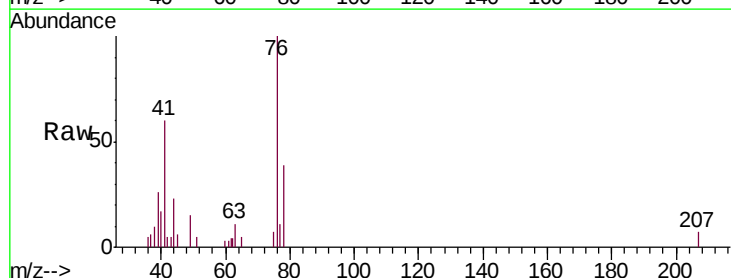
RT: 10.71 min Scan# 2837

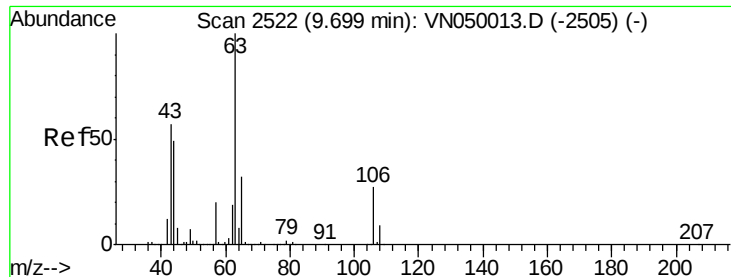
Delta R.T. 0.00 min

Lab File: VN050010.D

Acq: 23 Jul 2018 17:33

Tgt Ion:	76	Resp:	9540
Ion	Ratio	Lower	Upper
76	100		
78	38.9	25.7	38.5#





#58

2-Chloroethyl Vinyl ether

Concen: 3.29 ug/l

RT: 9.70 min Scan# 2522

Delta R.T. -0.00 min

Lab File: VN050010.D

Acq: 23 Jul 2018 17:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 63 Resp: 12083

Ion Ratio Lower Upper

63 100

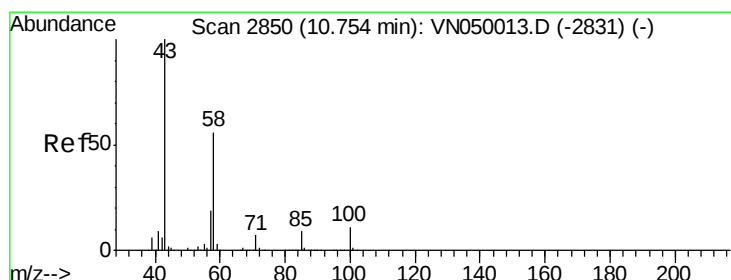
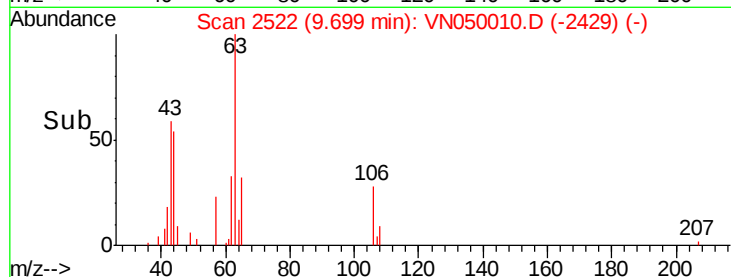
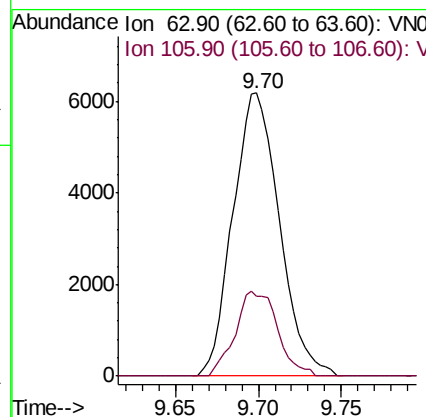
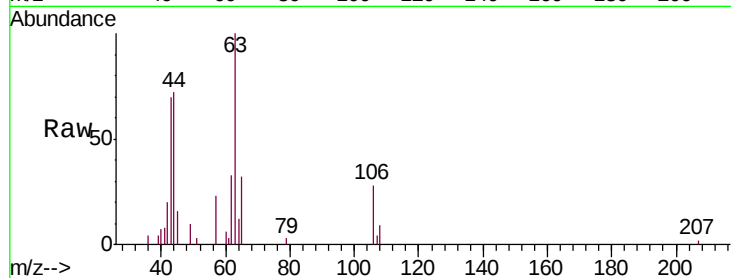
106 27.1 21.7 32.5

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#59

2-Hexanone

Concen: 3.44 ug/l

RT: 10.76 min Scan# 2851

Delta R.T. 0.00 min

Lab File: VN050010.D

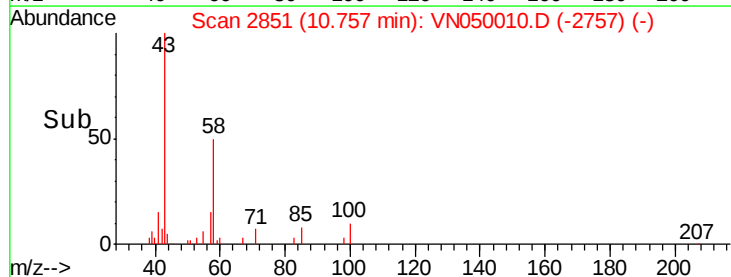
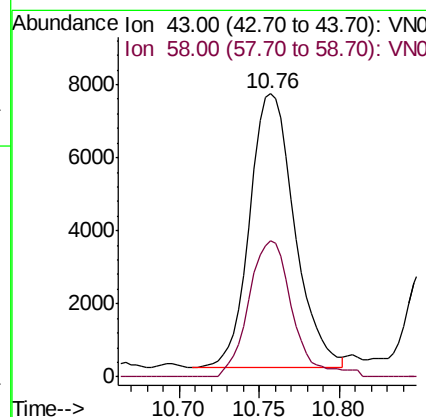
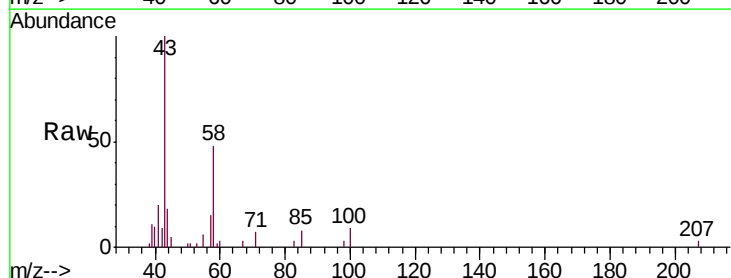
Acq: 23 Jul 2018 17:33

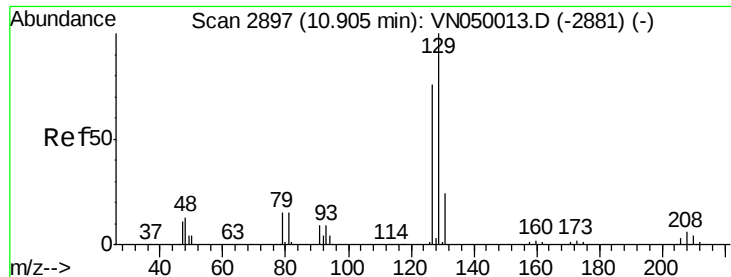
Tgt Ion: 43 Resp: 14336

Ion Ratio Lower Upper

43 100

58 47.7 27.6 82.7





#60

Dibromochloromethane

Concen: 0.82 ug/l

RT: 10.90 min Scan# 2897

Delta R.T. -0.00 min

Lab File: VN050010.D

Acq: 23 Jul 2018 17:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 6246

Ion Ratio Lower Upper

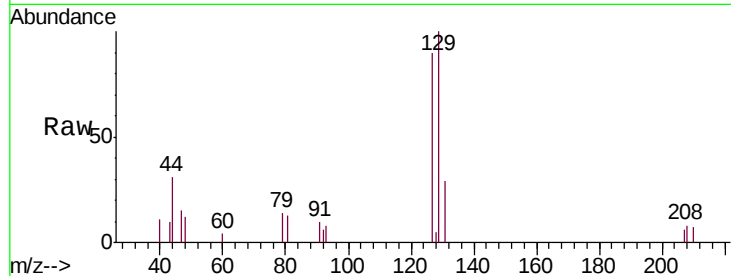
129 100

127 87.5 38.0 113.9

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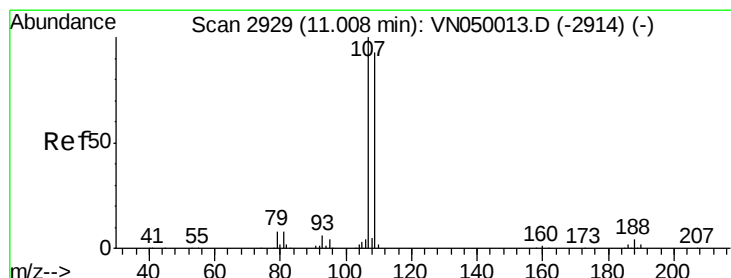
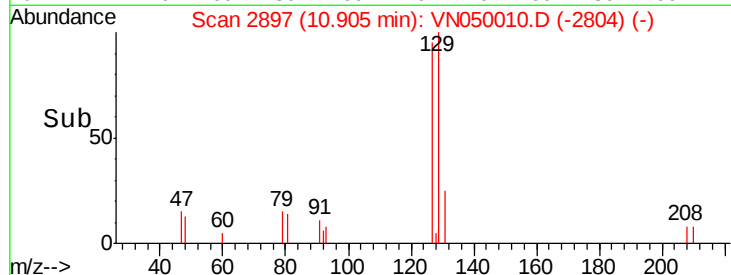
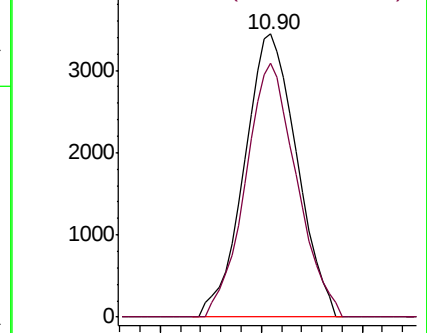
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 0.94 ug/l

RT: 11.01 min Scan# 2931

Delta R.T. 0.01 min

Lab File: VN050010.D

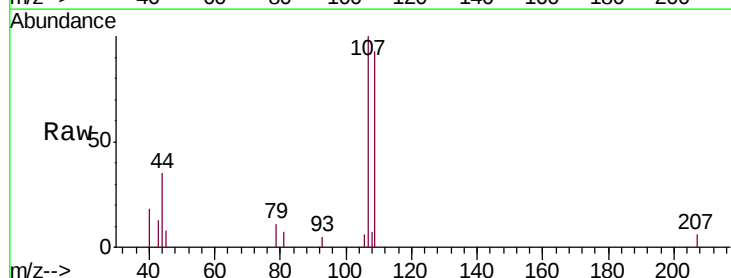
Acq: 23 Jul 2018 17:33

Tgt Ion:107 Resp: 6083

Ion Ratio Lower Upper

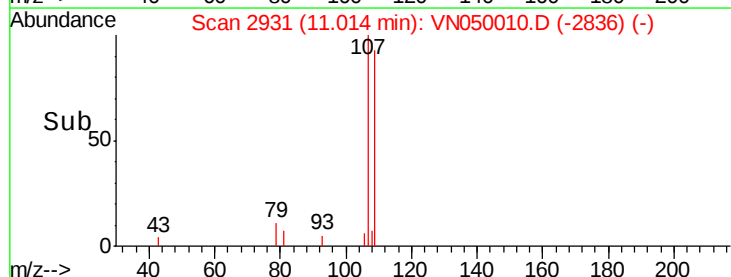
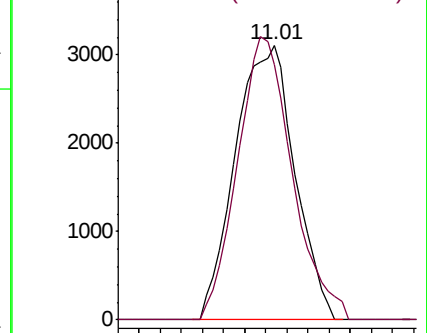
107 100

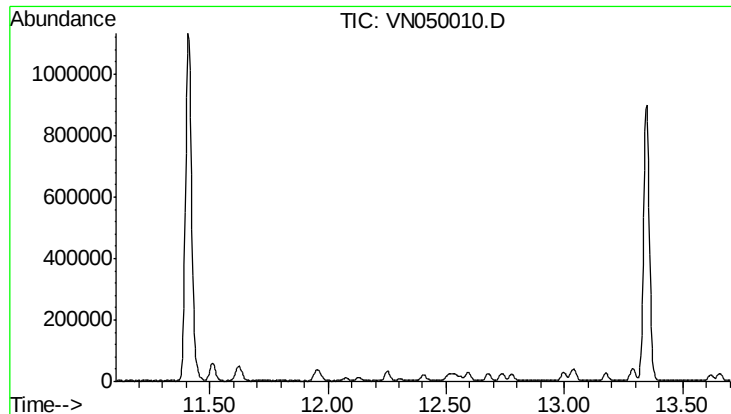
109 95.3 74.6 112.0



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: VN050010.D

Acq: 23 Jul 2018 17:33

Tot Ion: 95

Sig Exp Ratio

95 100

174 89.1

176 86.7

Instrument :

MSVOA_N

ClientSampleId :

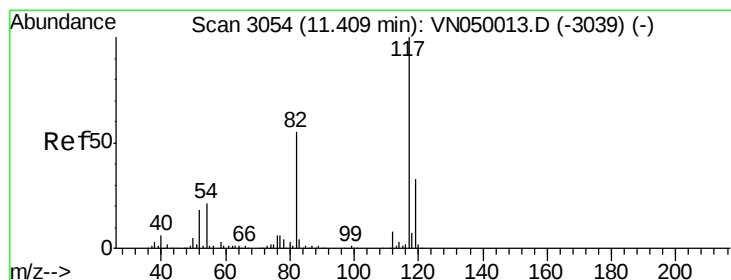
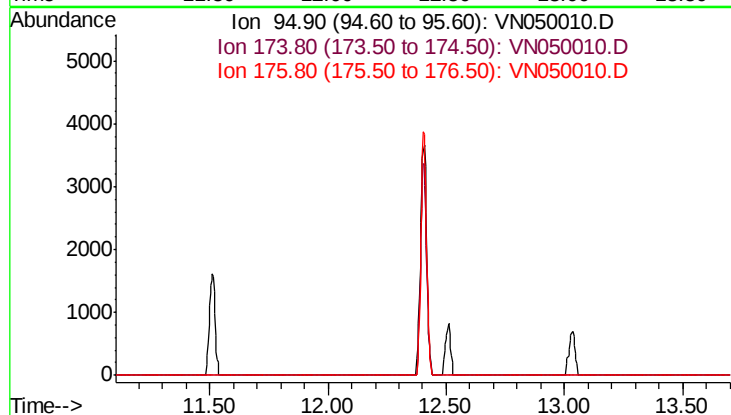
VSTDIC001

Manual Integrations

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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: VN050010.D

Acq: 23 Jul 2018 17:33

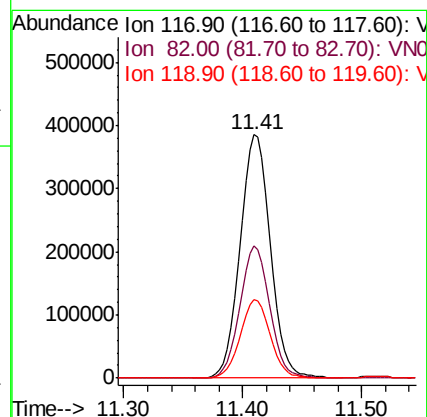
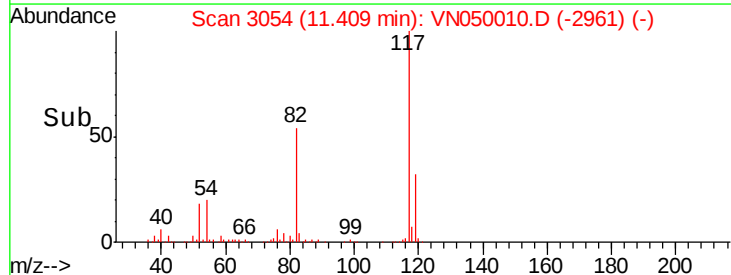
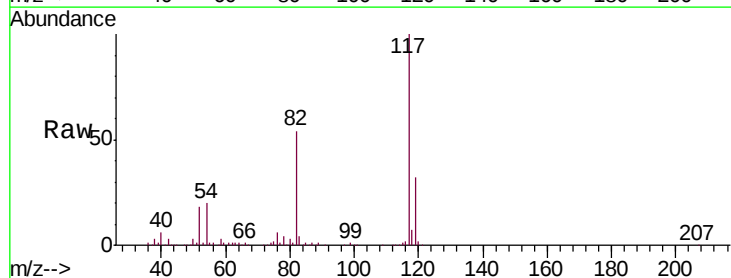
Tgt Ion: 117 Resp: 678630

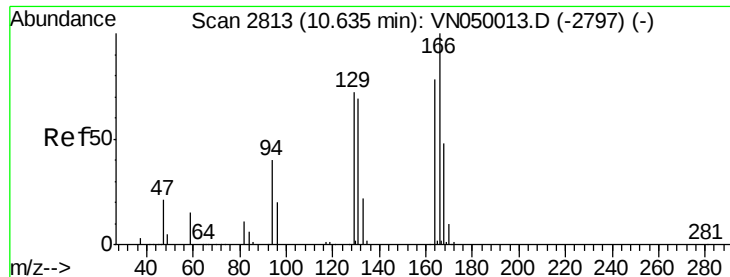
Ion Ratio Lower Upper

117 100

82 54.2 43.7 65.5

119 32.4 26.1 39.1





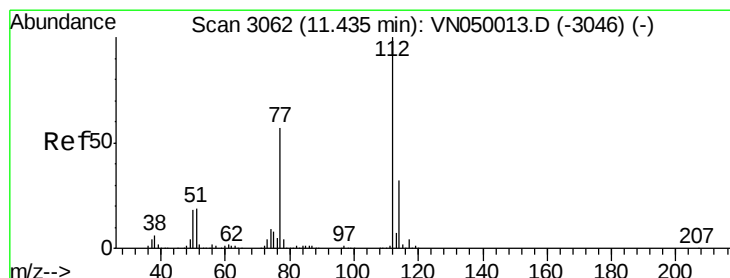
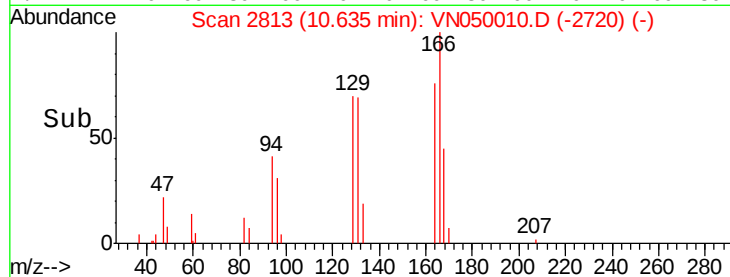
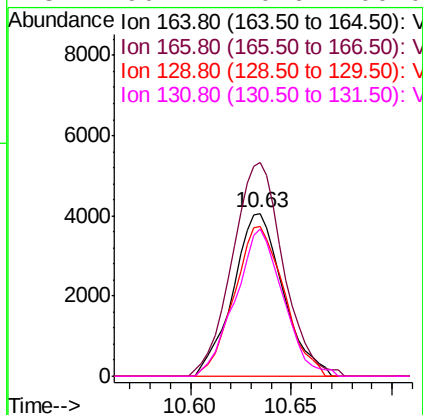
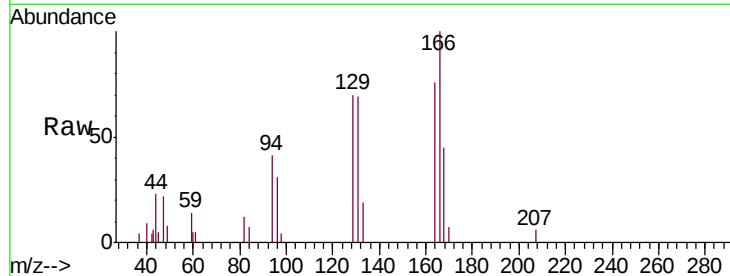
#64
Tetrachloroethene
Concen: 1.13 ug/l
RT: 10.63 min Scan# 2813
Delta R.T. -0.00 min
Lab File: VN050010.D
Acq: 23 Jul 2018 17:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
164	100		
166	130.9	102.1	153.1
129	91.4	73.2	109.8
131	90.2	70.6	106.0

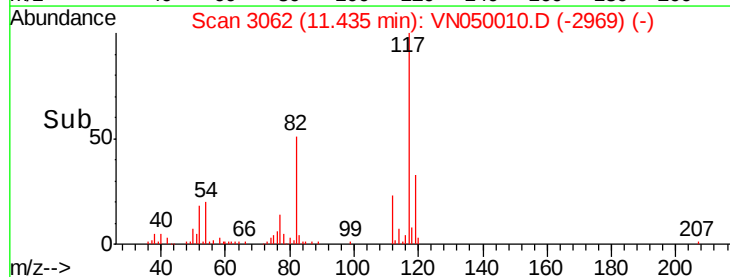
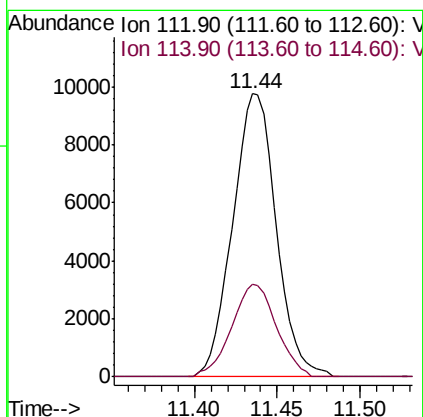
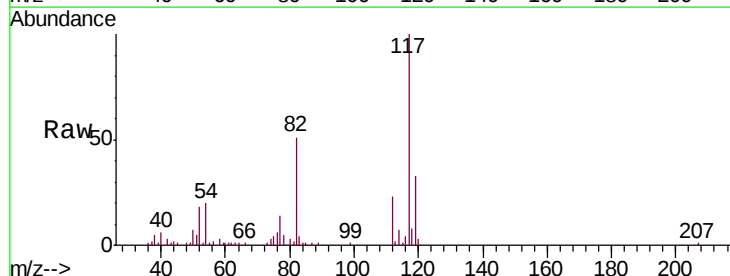
Manual Integrations
APPROVED

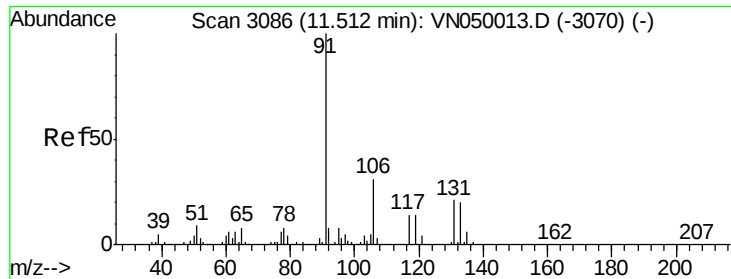
MMDadoda
7/26/2018 1:50:37 PM



#65
Chlorobenzene
Concen: 1.04 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN050010.D
Acq: 23 Jul 2018 17:33

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.9	25.6	38.4





#66

1,1,1,2-Tetrachloroethane

Concen: 1.07 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. -0.00 min

Lab File: VN050010.D

Acq: 23 Jul 2018 17:33

Instrument :

MSVOA_N

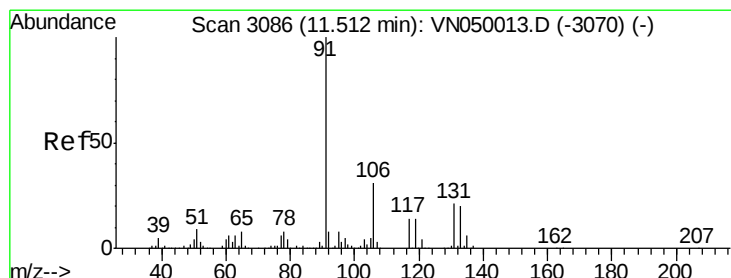
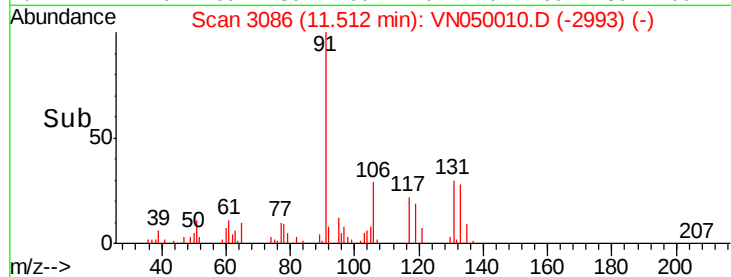
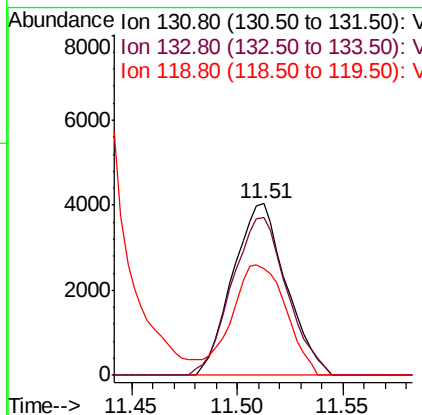
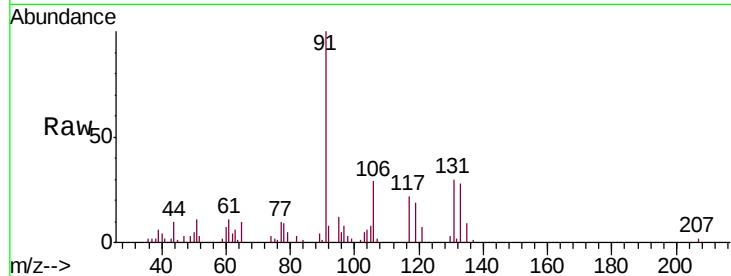
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	94.8	47.3	141.9
119	0.0	32.9	98.7#

Manual Integrations
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#67

Ethyl Benzene

Concen: 0.83 ug/l

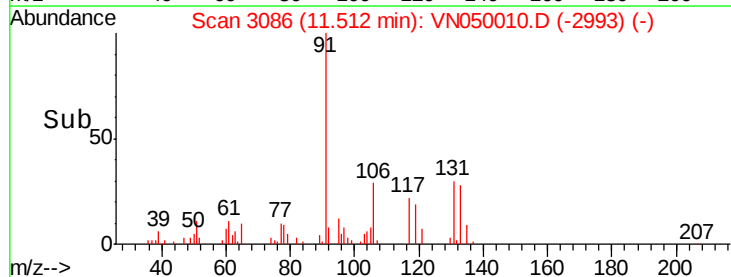
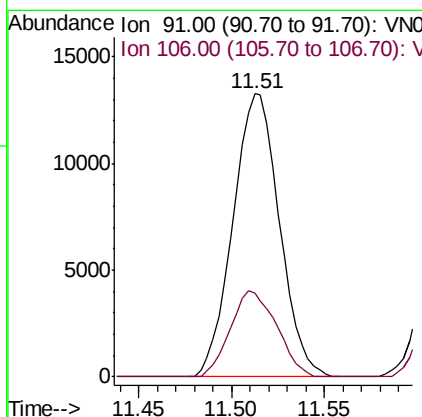
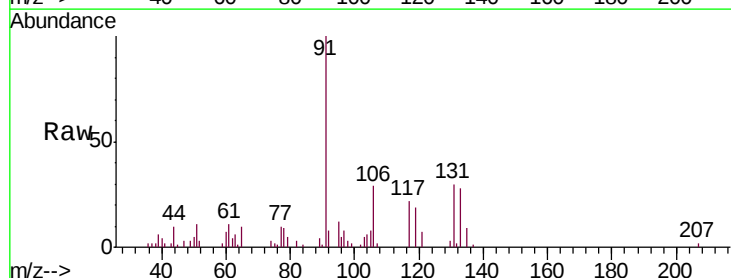
RT: 11.51 min Scan# 3086

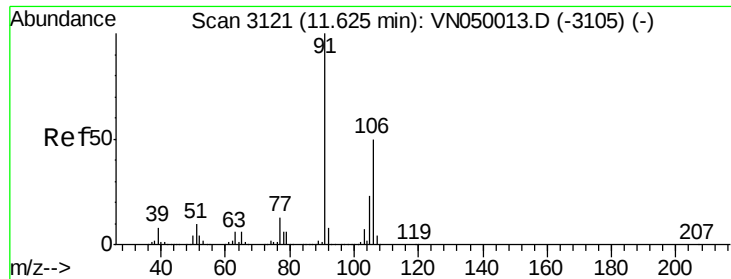
Delta R.T. -0.00 min

Lab File: VN050010.D

Acq: 23 Jul 2018 17:33

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.4	25.0	37.4





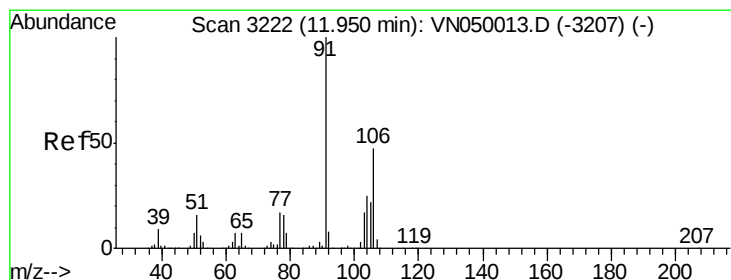
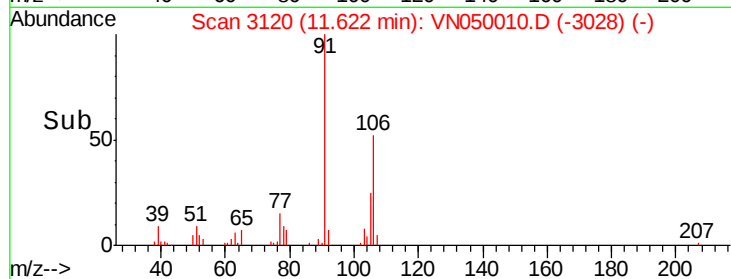
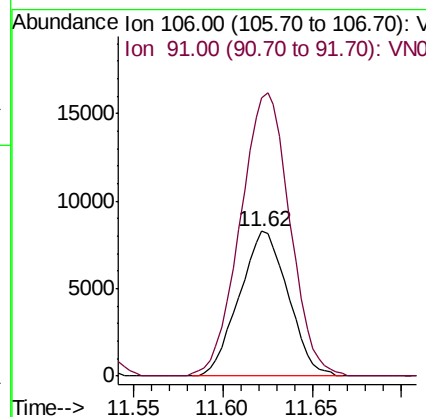
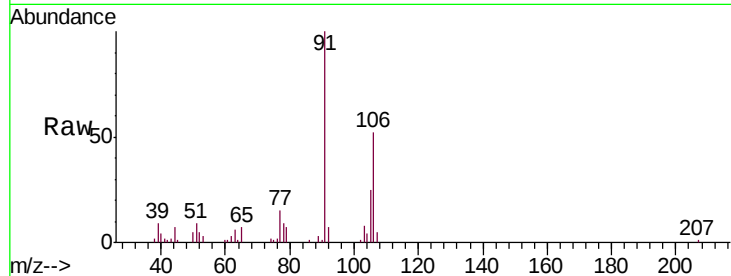
#68
m/p-Xylenes
Concen: 1.51 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. -0.00 min
Lab File: VN050010.D
Acq: 23 Jul 2018 17:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	198.2	162.2	243.2	

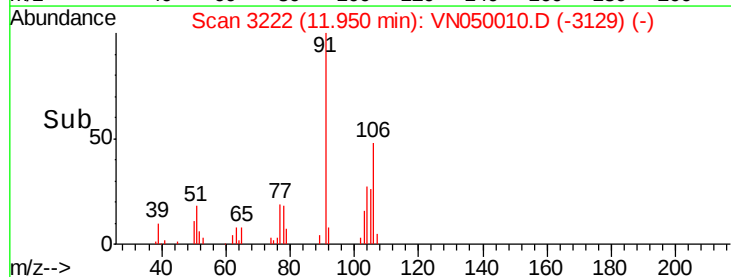
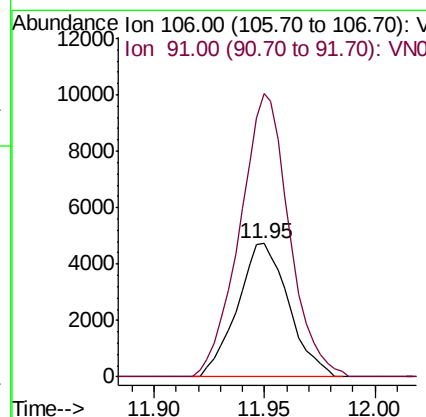
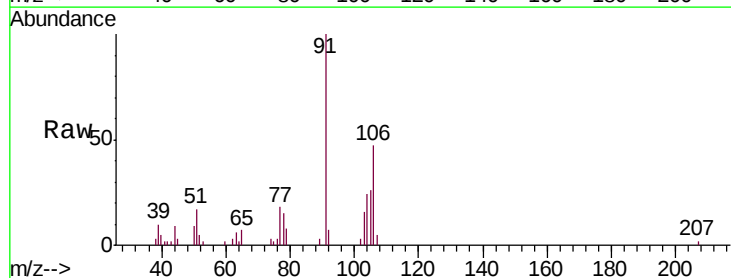
Manual Integrations
APPROVED

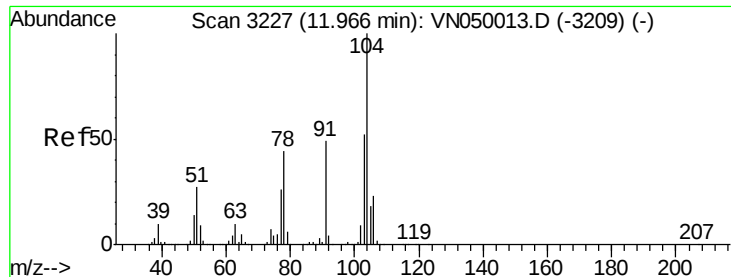
MMDadoda
7/26/2018 1:50:37 PM



#69
o-Xylene
Concen: 0.76 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN050010.D
Acq: 23 Jul 2018 17:33

Tgt Ion	Ion	Ratio	Lower	Upper
106	100			
91	204.7	107.7	323.1	





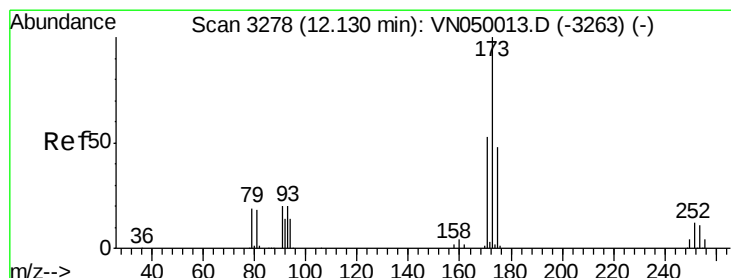
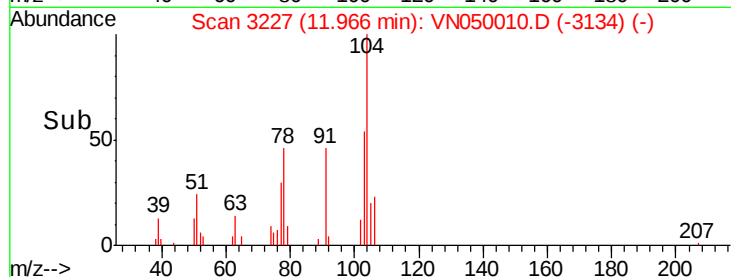
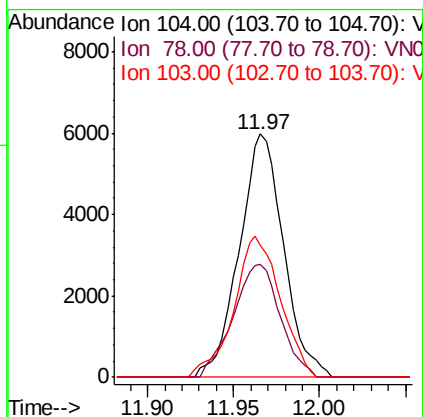
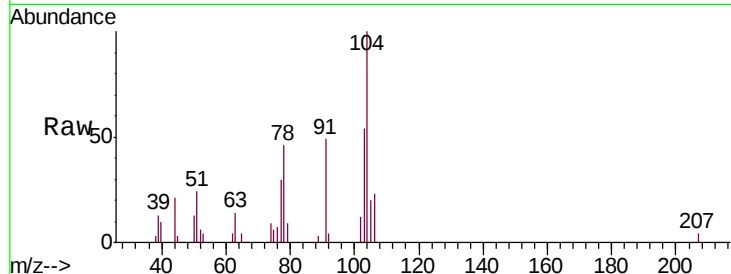
#70
Stvrene
Concen: 0.66 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. -0.00 min
Lab File: VN050010.D
Acq: 23 Jul 2018 17:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.5	39.3	58.9
103	60.7	45.0	67.6

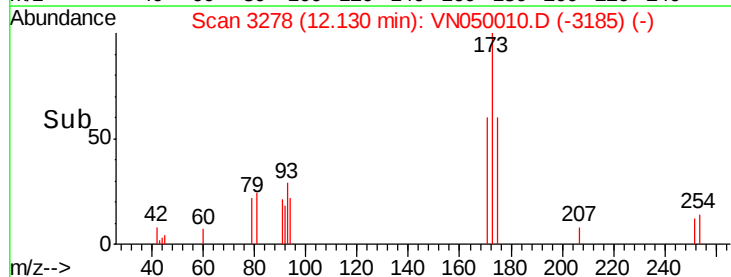
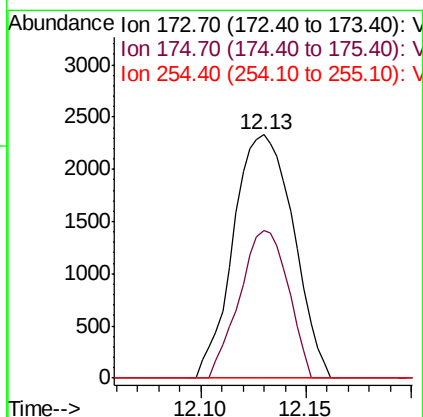
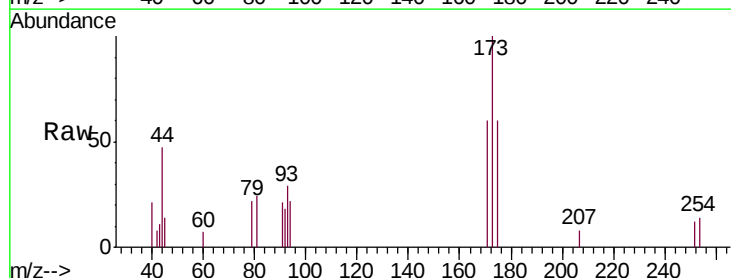
Manual Integrations
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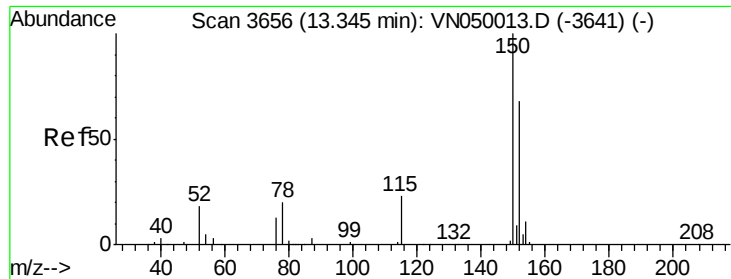
MMDadoda
7/26/2018 1:50:37 PM



#71
Bromoform
Concen: 0.98 ug/l
RT: 12.13 min Scan# 3278
Delta R.T. -0.00 min
Lab File: VN050010.D
Acq: 23 Jul 2018 17:33

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.1	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# 3657

Delta R.T. 0.00 min

Lab File: VN050010.D

Acq: 23 Jul 2018 17:33

Instrument :

MSVOA_N

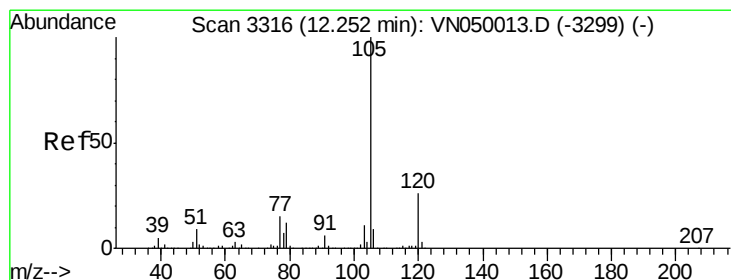
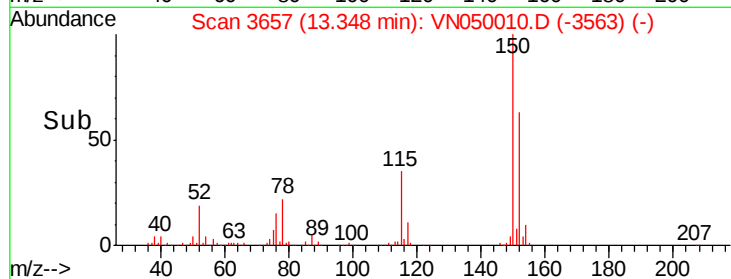
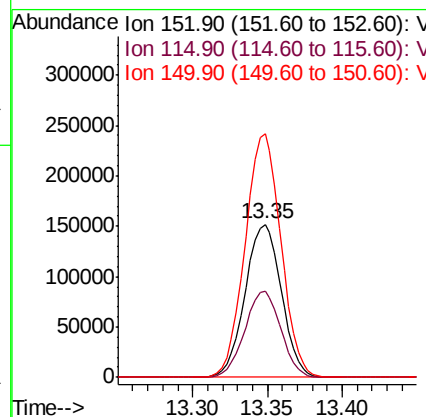
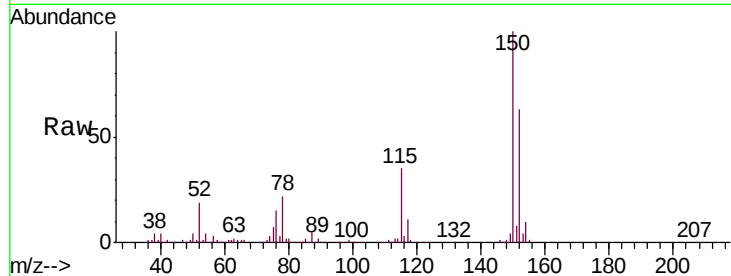
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.6	27.8	83.3
150	156.5	0.0	348.6

Manual Integrations
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7/26/2018 1:50:37 PM



#73

Isopropylbenzene

Concen: 0.97 ug/l

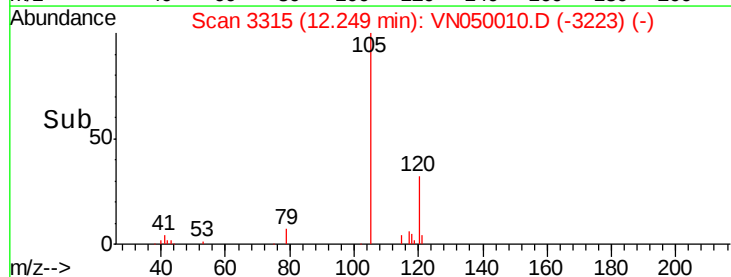
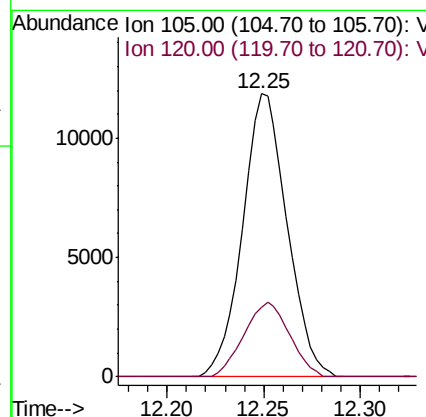
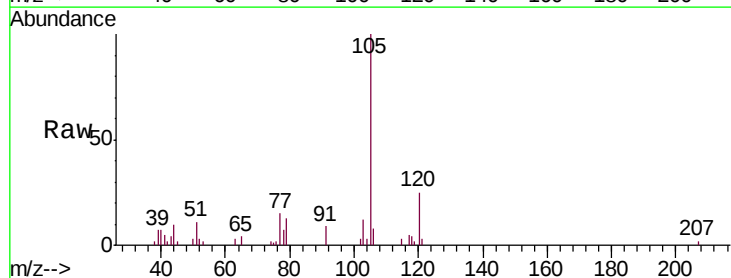
RT: 12.25 min Scan# 3315

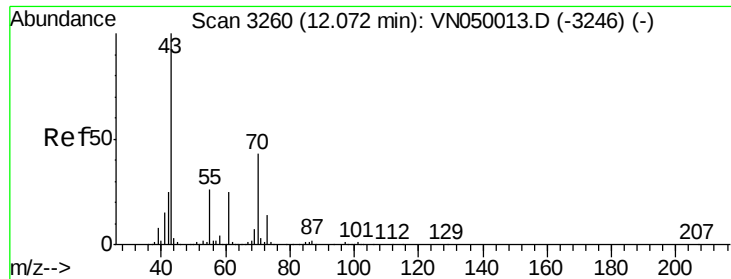
Delta R.T. -0.00 min

Lab File: VN050010.D

Acq: 23 Jul 2018 17:33

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.9	13.3	39.8





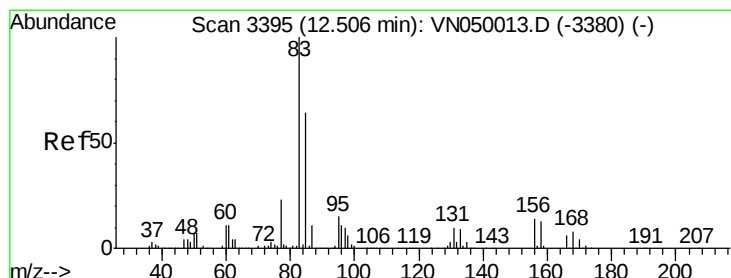
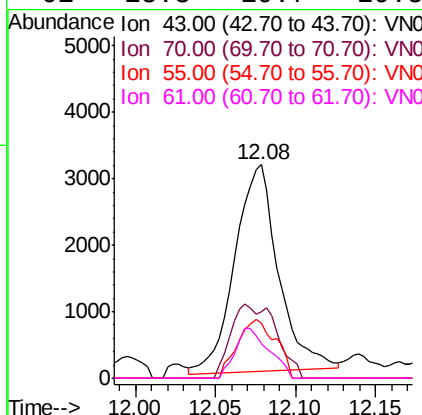
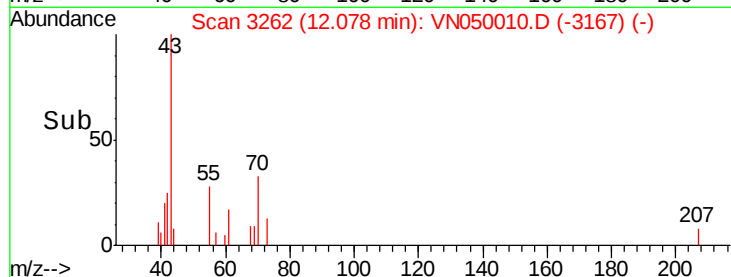
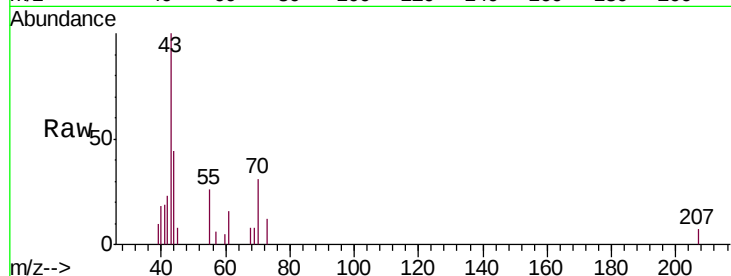
#74
N-amvl acetate
Concen: 0.98 ug/l
RT: 12.08 min Scan# 3262
Delta R.T. 0.01 min
Lab File: VN050010.D
Acq: 23 Jul 2018 17:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
43	100		
70	20.6	34.4	51.6#
55	24.6	20.8	31.2
61	18.3	19.7	29.5#

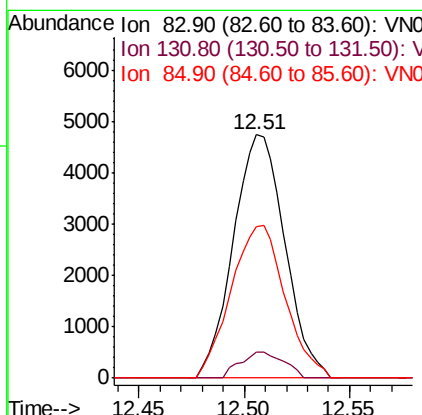
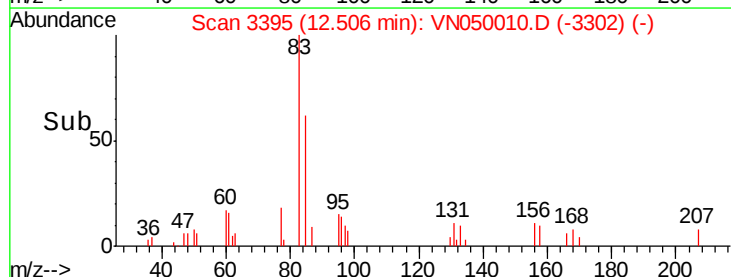
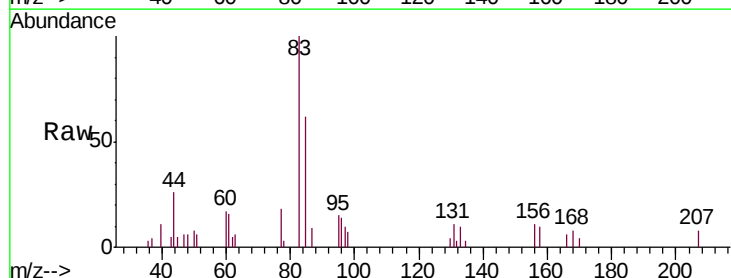
Manual Integrations
APPROVED

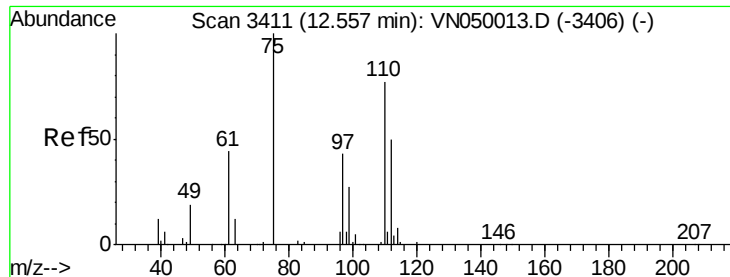
MMDadoda
7/26/2018 1:50:37 PM



#75
1,1,2,2-Tetrachloroethane
Concen: 1.37 ug/l
RT: 12.51 min Scan# 3395
Delta R.T. -0.00 min
Lab File: VN050010.D
Acq: 23 Jul 2018 17:33

Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.1	5.1	15.3
85	65.9	32.3	96.8





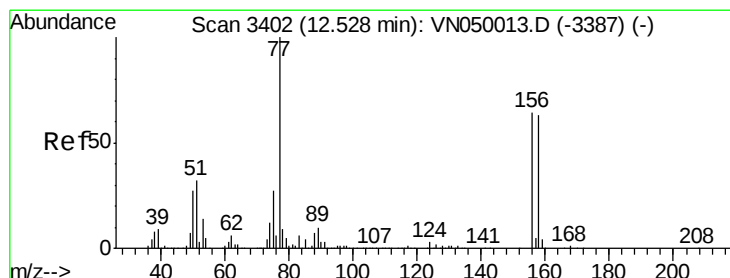
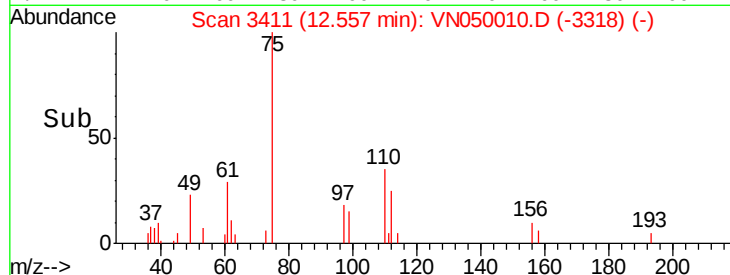
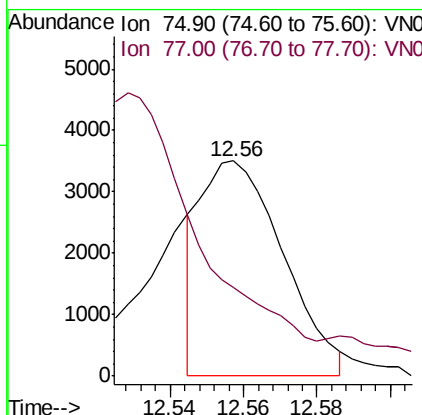
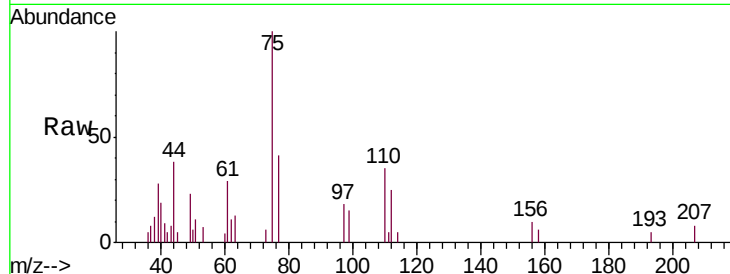
#76
 1,2,3-Trichloropropane
 Concen: 1.15 ug/l m
 RT: 12.56 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN050010.D
 Acq: 23 Jul 2018 17:33

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

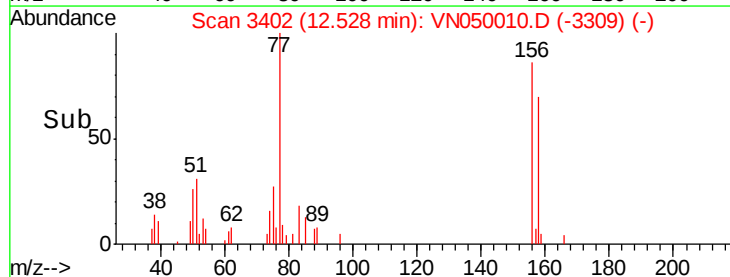
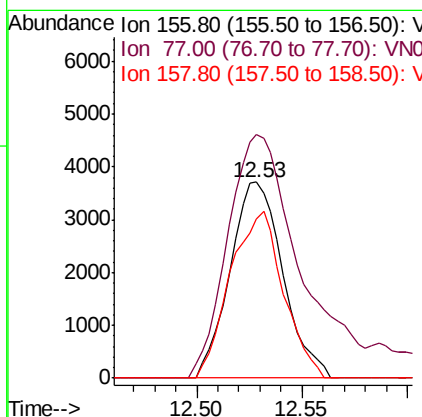
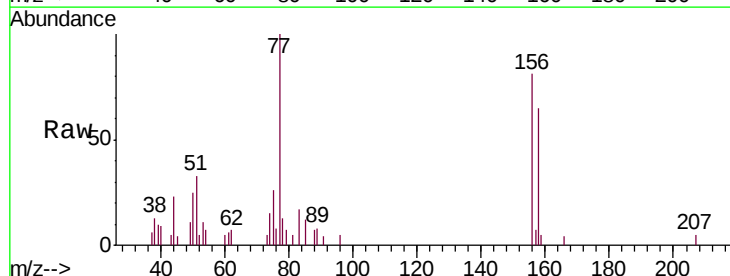
Manual Integrations
 APPROVED

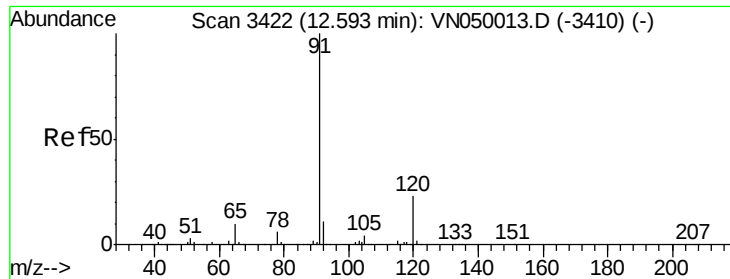
MMDadoda
 7/26/2018 1:50:37 PM



#77
 Bromobenzene
 Concen: 1.19 ug/l
 RT: 12.53 min Scan# 3402
 Delta R.T. -0.00 min
 Lab File: VN050010.D
 Acq: 23 Jul 2018 17:33

Tgt Ion	Ratio	Lower	Upper
156	100		
77	169.5	91.7	275.1
158	85.4	48.9	146.6





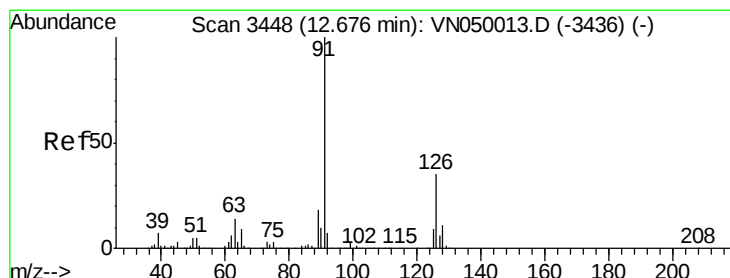
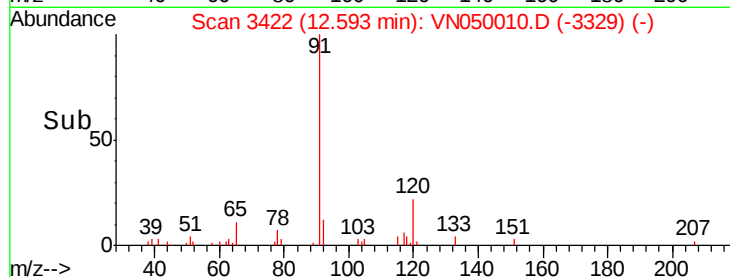
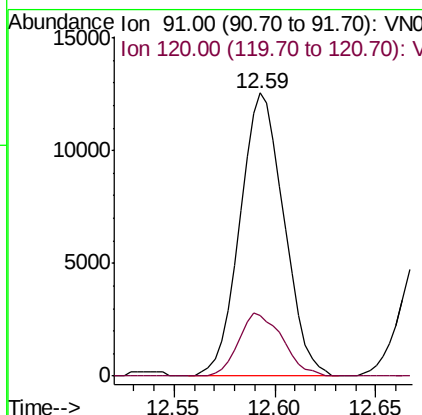
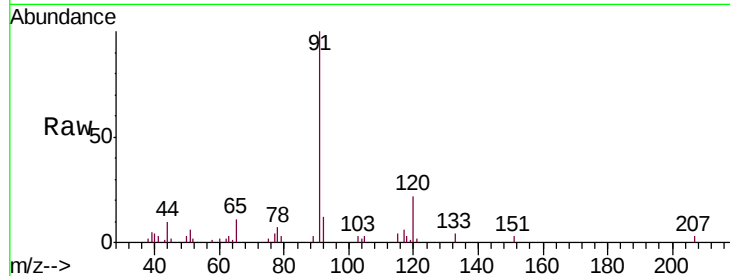
#78
n-propylbenzene
Concen: 0.86 ug/l
RT: 12.59 min Scan# 3422
Delta R.T. -0.00 min
Lab File: VN050010.D
Acq: 23 Jul 2018 17:33

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion: 91 Resp: 19190
Ion Ratio Lower Upper
91 100
120 22.4 11.6 34.7

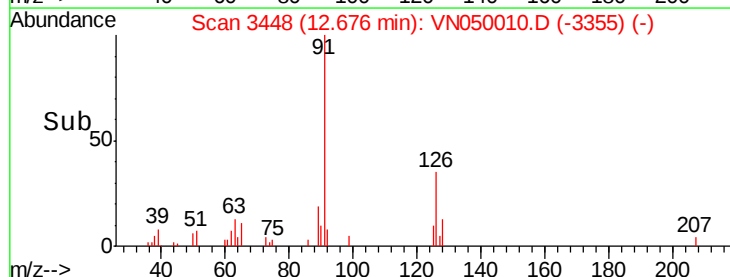
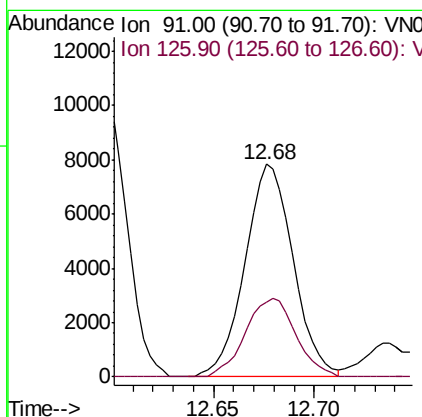
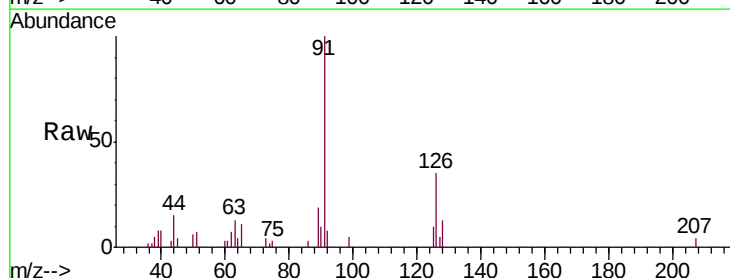
Manual Integrations
APPROVED

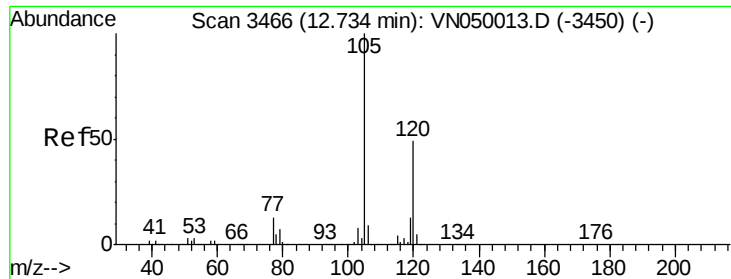
MMDadoda
7/26/2018 1:50:37 PM



#79
2-Chlorotoluene
Concen: 0.96 ug/l
RT: 12.68 min Scan# 3448
Delta R.T. -0.00 min
Lab File: VN050010.D
Acq: 23 Jul 2018 17:33

Tgt Ion: 91 Resp: 13144
Ion Ratio Lower Upper
91 100
126 38.4 17.6 52.8





#80

1,3,5-Trimethylbenzene

Concen: 0.81 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN050010.D

Acq: 23 Jul 2018 17:33

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion:105 Resp: 12701

Ion Ratio Lower Upper

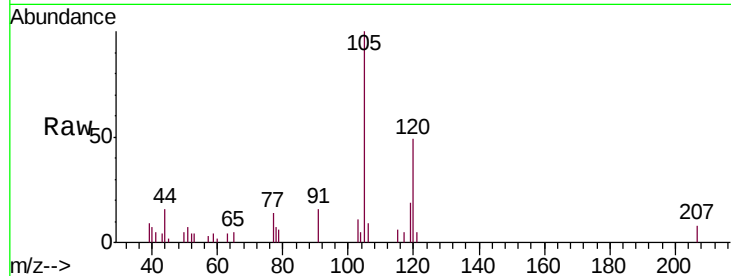
105 100

120 48.1 24.4 73.2

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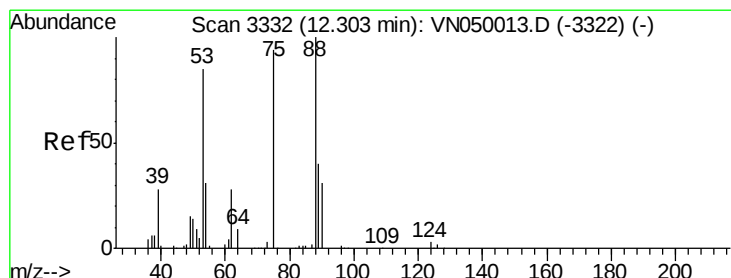
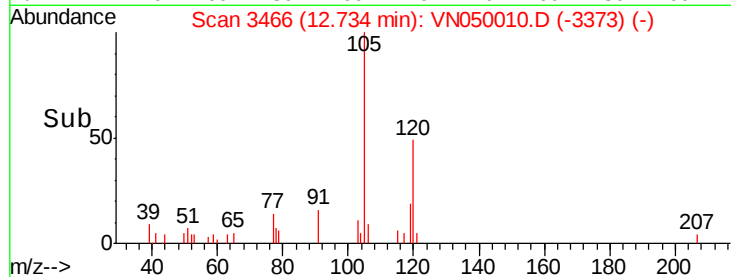
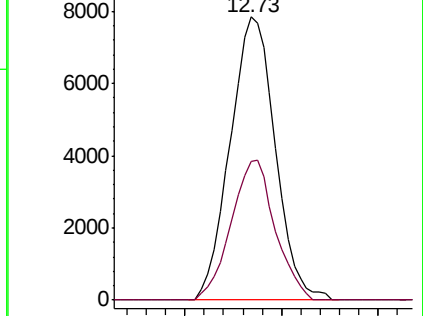
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 0.80 ug/l

RT: 12.31 min Scan# 3333

Delta R.T. 0.00 min

Lab File: VN050010.D

Acq: 23 Jul 2018 17:33

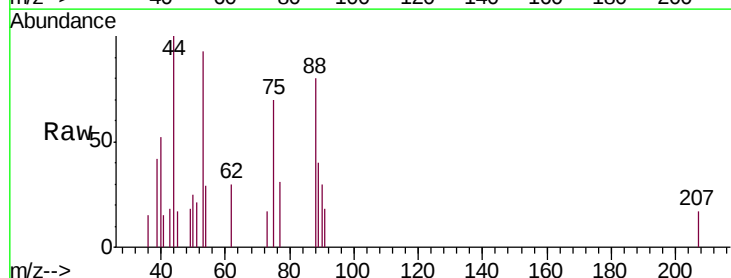
Tgt Ion: 75 Resp: 1237

Ion Ratio Lower Upper

75 100

53 132.6 73.5 110.3#

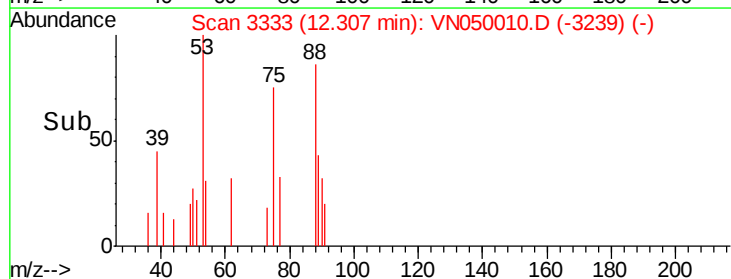
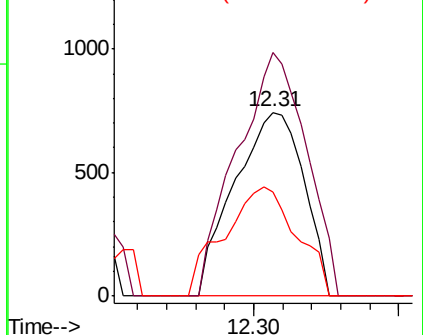
89 62.2 36.0 54.0#

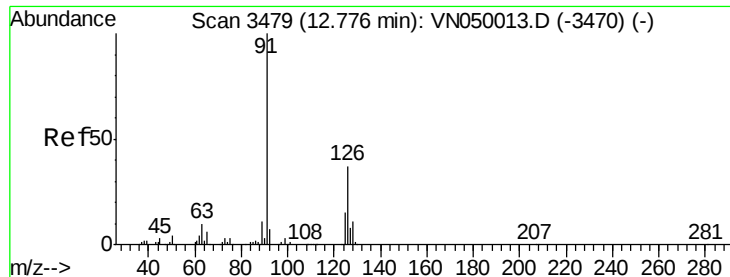


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#82

4-Chlorotoluene

Concen: 0.90 ug/l

RT: 12.78 min Scan# 3479

Delta R.T. -0.00 min

Lab File: VN050010.D

Acq: 23 Jul 2018 17:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 12272

Ion Ratio Lower Upper

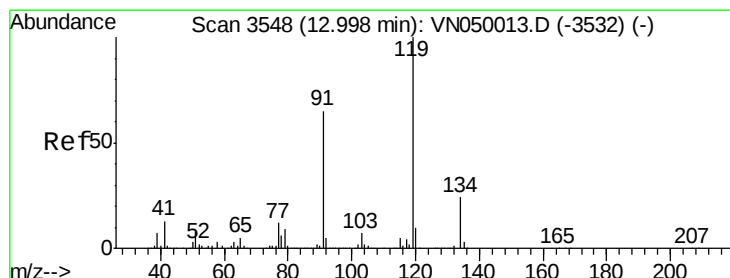
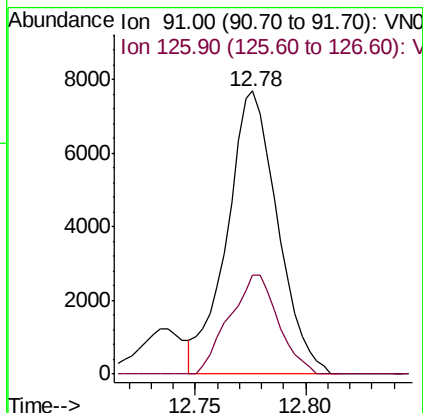
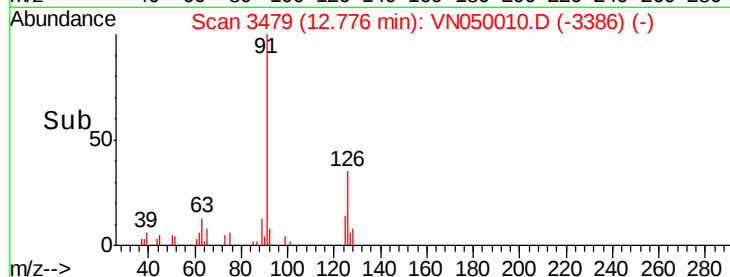
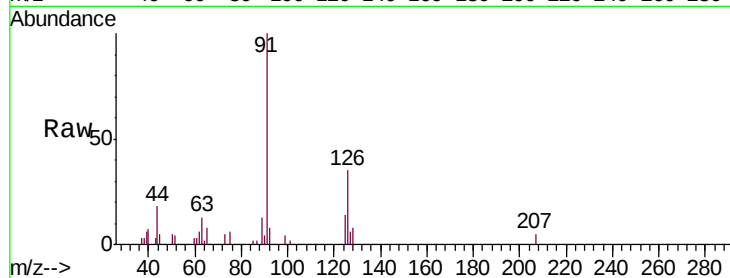
91 100

126 33.8 17.0 51.0

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#83

tert-Butylbenzene

Concen: 0.89 ug/l

RT: 13.00 min Scan# 3548

Delta R.T. -0.00 min

Lab File: VN050010.D

Acq: 23 Jul 2018 17:33

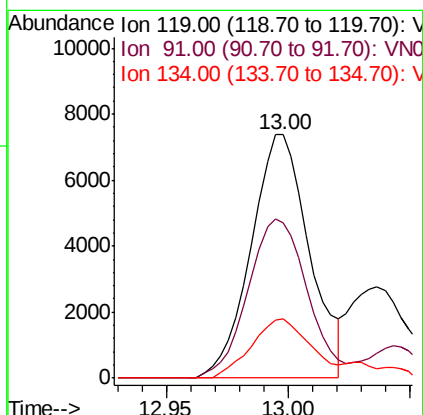
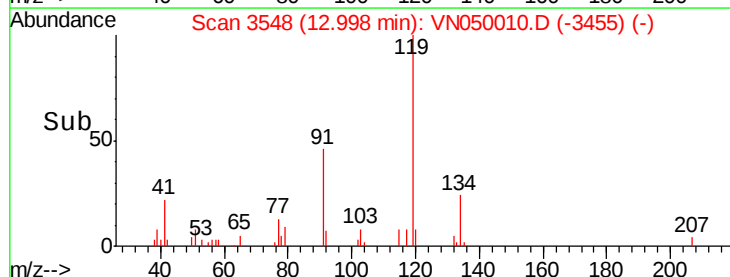
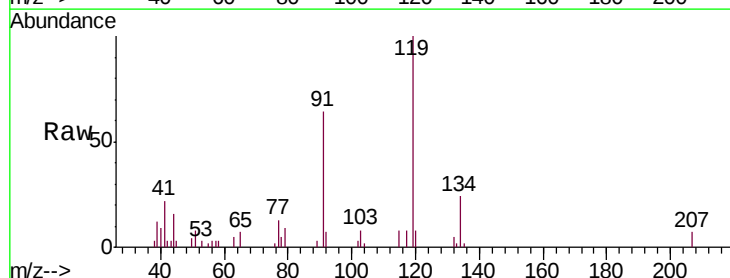
Tgt Ion: 119 Resp: 12249

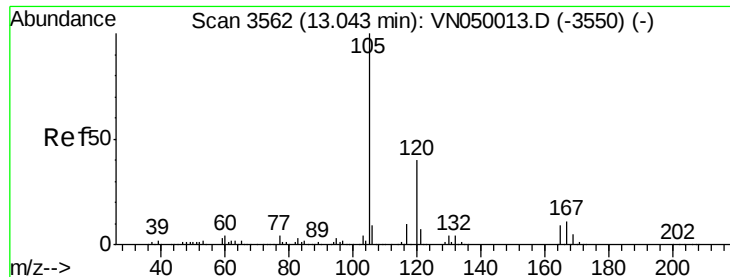
Ion Ratio Lower Upper

119 100

91 66.4 32.1 96.3

134 24.4 13.2 39.5





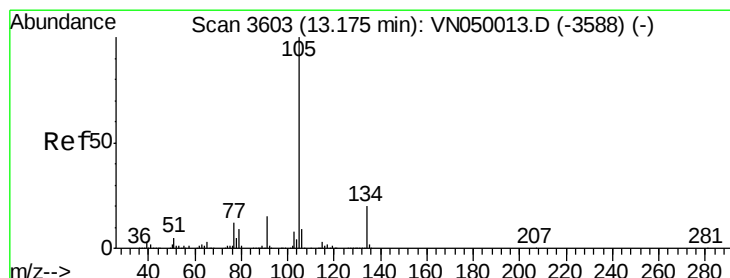
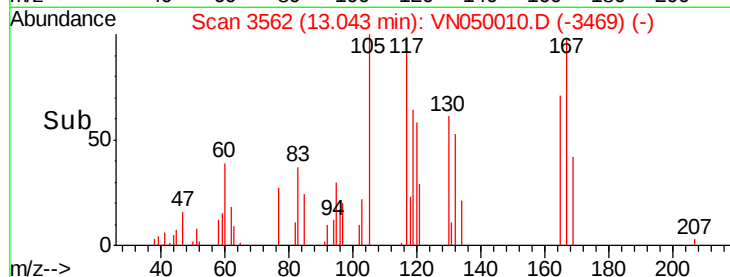
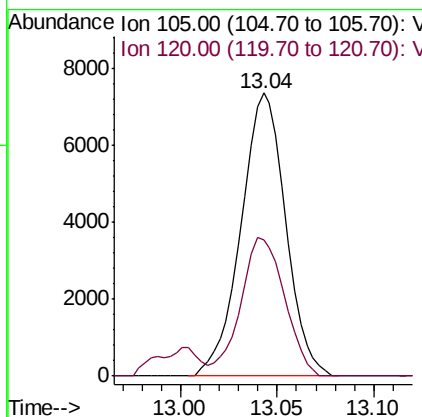
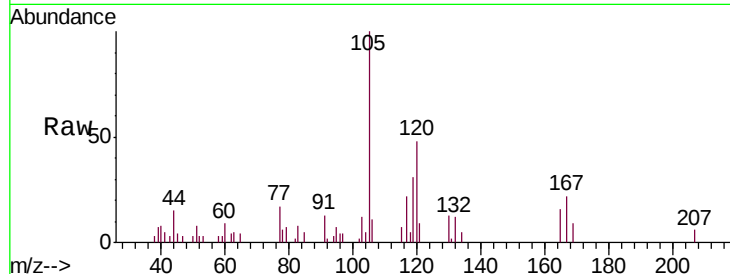
#84
 1,2,4-Trimethylbenzene
 Concen: 0.74 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. -0.00 min
 Lab File: VN050010.D
 Acq: 23 Jul 2018 17:33

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion:105 Resp: 11810
 Ion Ratio Lower Upper
 105 100
 120 48.1 22.9 68.7

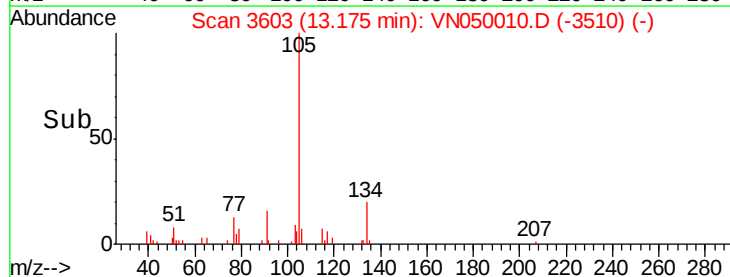
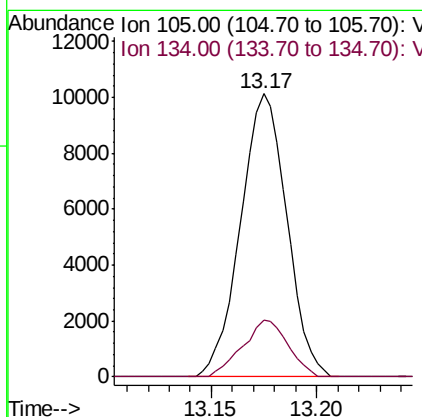
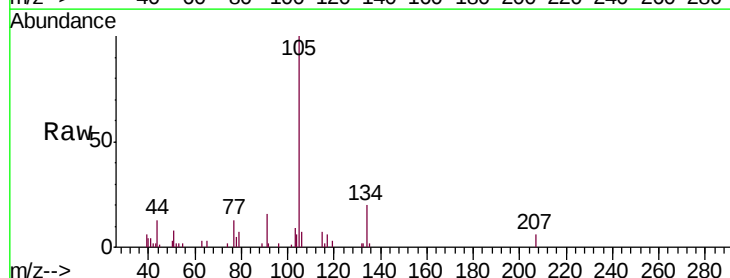
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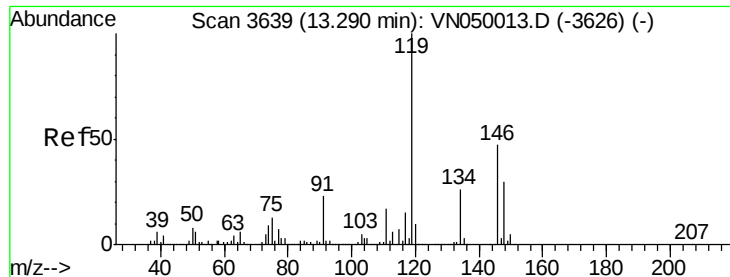
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#85
 sec-Butylbenzene
 Concen: 0.85 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN050010.D
 Acq: 23 Jul 2018 17:33

Tgt Ion:105 Resp: 15446
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.1 30.1





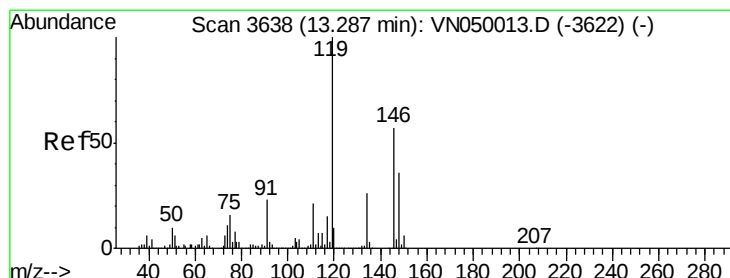
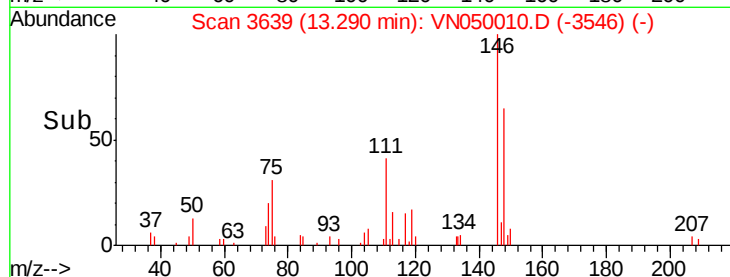
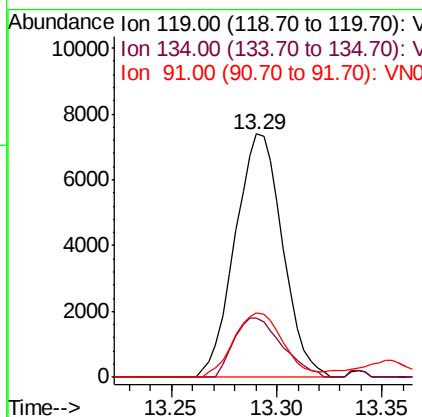
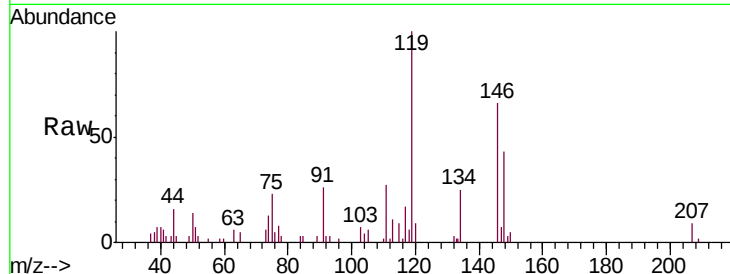
#86
p-Isopropyltoluene
Concen: 0.75 ug/l
RT: 13.29 min Scan# 3639
Delta R.T. -0.00 min
Lab File: VN050010.D
Acq: 23 Jul 2018 17:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
134	24.9	13.3	39.8
91	27.5	11.4	34.2

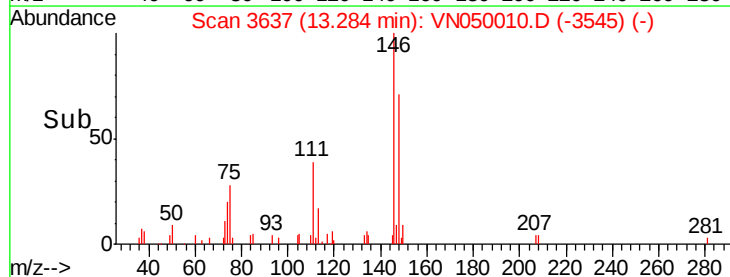
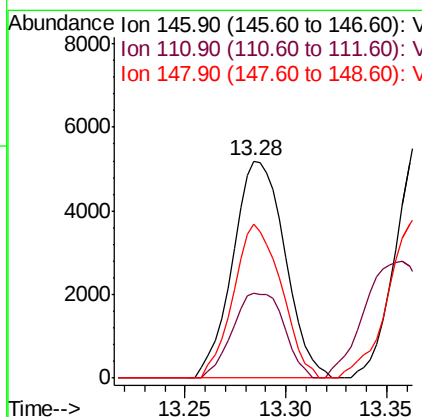
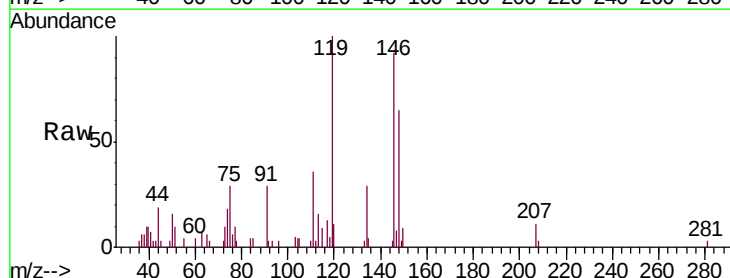
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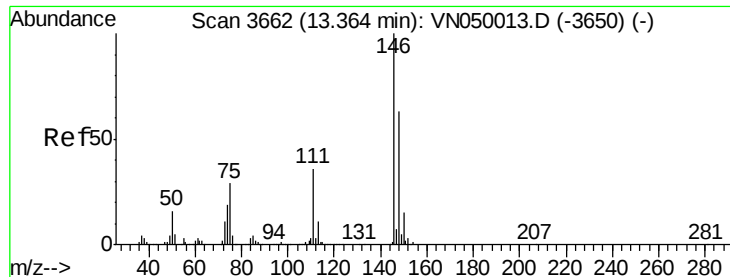
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#87
1,3-Dichlorobenzene
Concen: 1.00 ug/l
RT: 13.28 min Scan# 3637
Delta R.T. -0.00 min
Lab File: VN050010.D
Acq: 23 Jul 2018 17:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.8	56.4
148	65.0	31.9	95.9





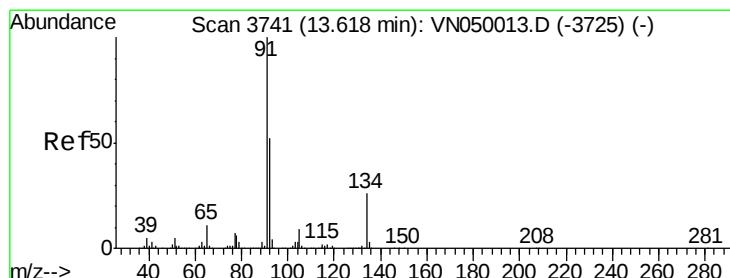
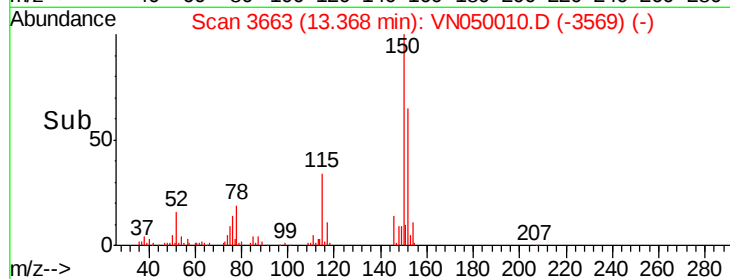
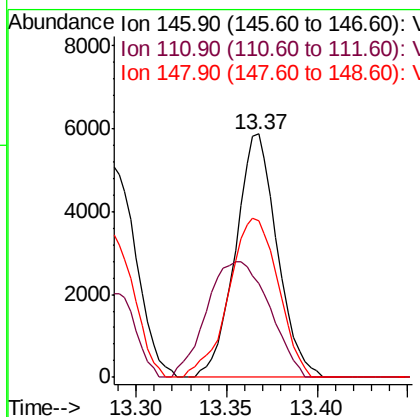
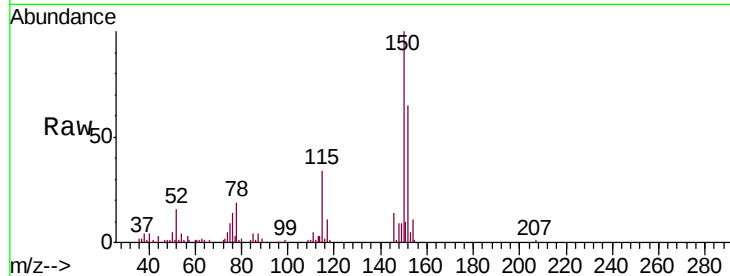
#88
 1,4-Dichlorobenzene
 Concen: 1.00 ug/l m
 RT: 13.37 min Scan# 3663
 Delta R.T. 0.00 min
 Lab File: VN050010.D
 Acq: 23 Jul 2018 17:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.3	54.9
148	64.9	31.9	95.9

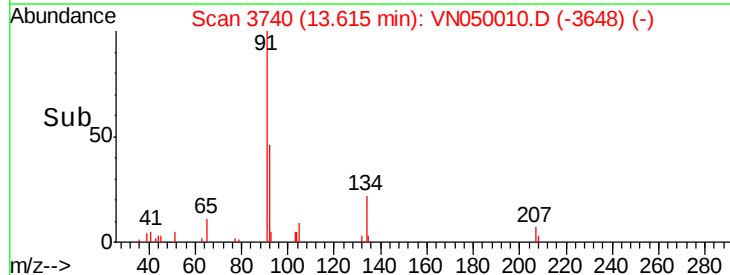
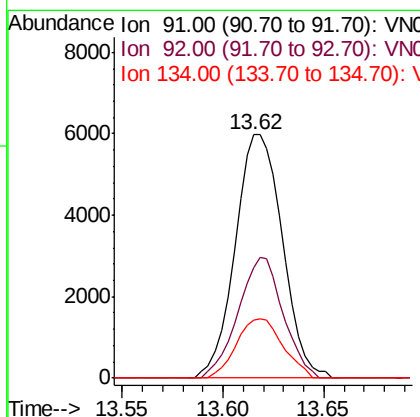
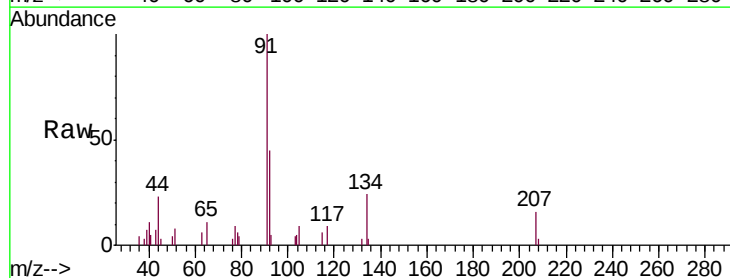
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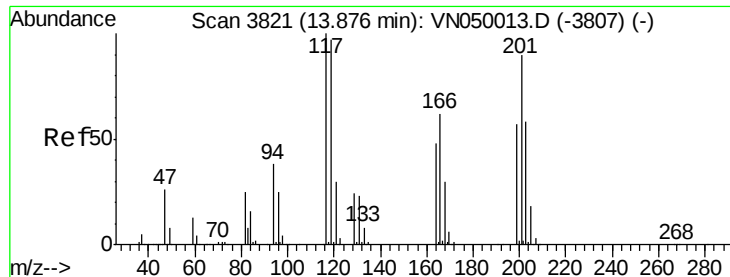
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#89
 n-Butylbenzene
 Concen: 0.77 ug/l
 RT: 13.62 min Scan# 3740
 Delta R.T. -0.00 min
 Lab File: VN050010.D
 Acq: 23 Jul 2018 17:33

Tgt Ion	Ratio	Lower	Upper
91	100		
92	47.2	25.8	77.4
134	24.0	12.8	38.4





#90

Hexachloroethane

Concen: 1.23 ug/l

RT: 13.88 min Scan# 3822

Delta R.T. 0.00 min

Lab File: VN050010.D

Acq: 23 Jul 2018 17:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:117 Resp: 4270

Ion Ratio Lower Upper

117 100

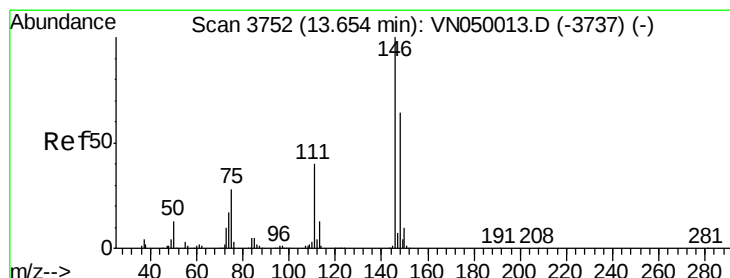
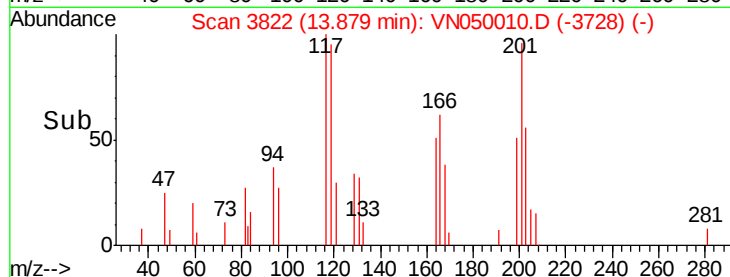
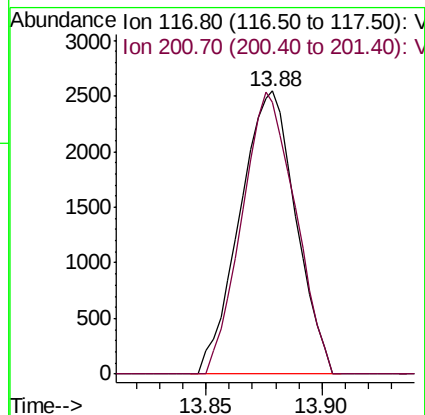
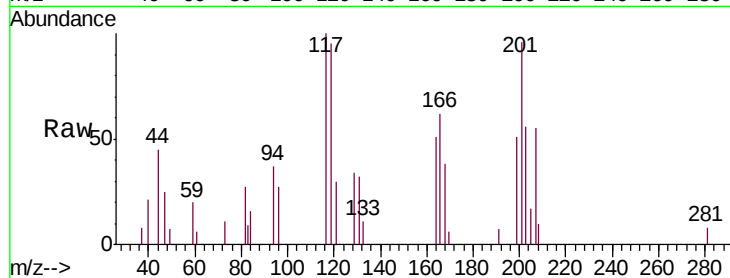
201 95.2 45.6 136.8

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#91

1,2-Dichlorobenzene

Concen: 1.12 ug/l

RT: 13.66 min Scan# 3753

Delta R.T. 0.00 min

Lab File: VN050010.D

Acq: 23 Jul 2018 17:33

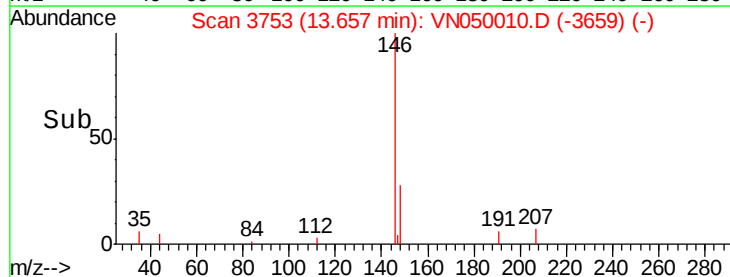
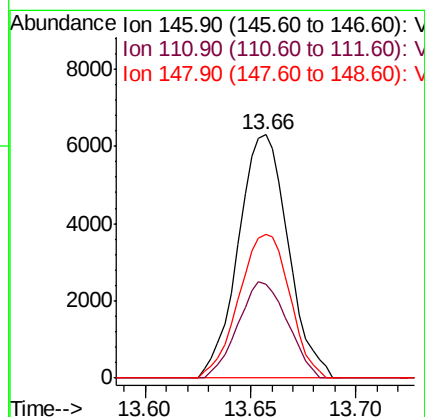
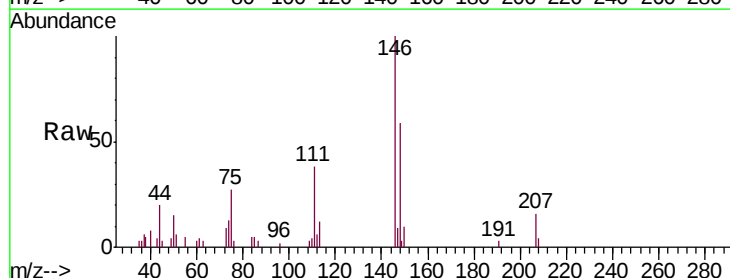
Tgt Ion:146 Resp: 10352

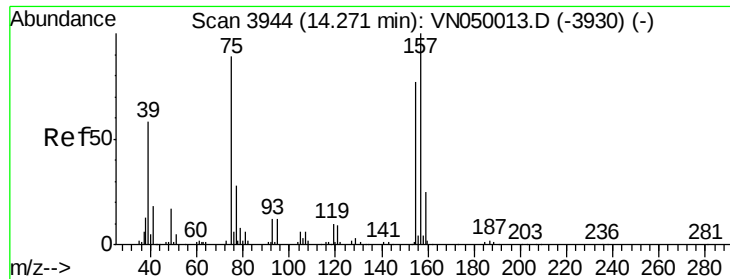
Ion Ratio Lower Upper

146 100

111 38.9 19.6 58.7

148 60.3 32.1 96.3





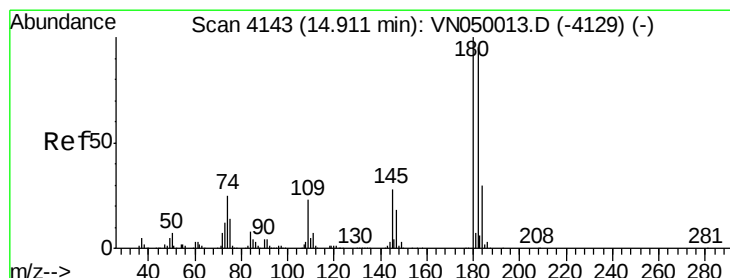
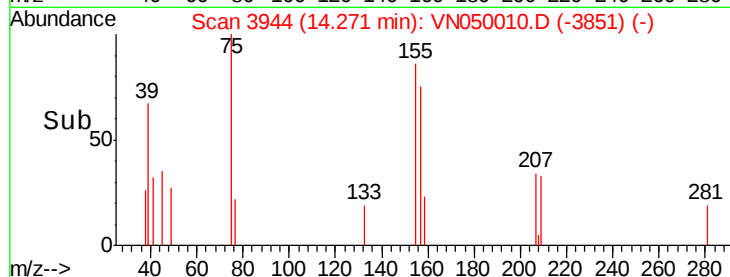
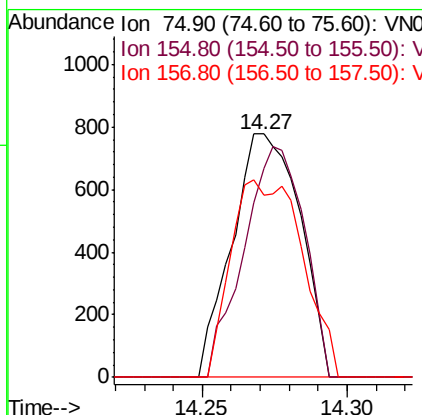
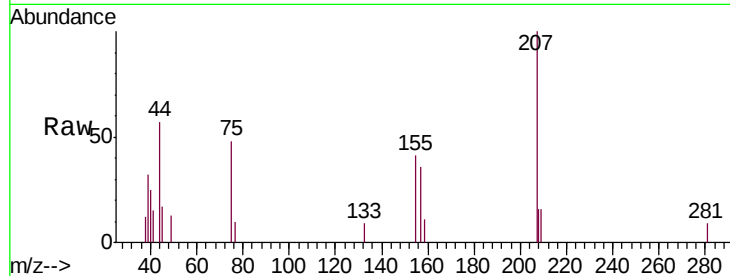
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.39 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. -0.00 min
 Lab File: VN050010.D
 Acq: 23 Jul 2018 17:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
155	84.2	44.8	134.4
157	85.0	57.2	171.6

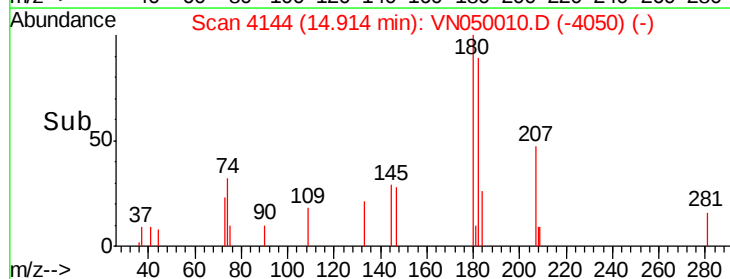
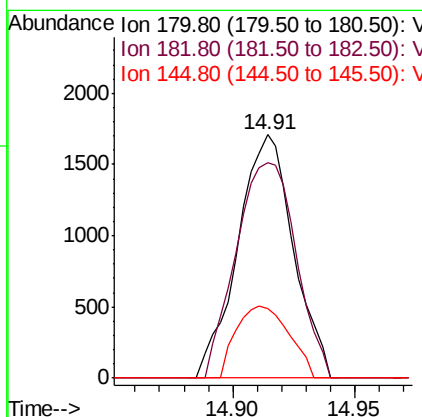
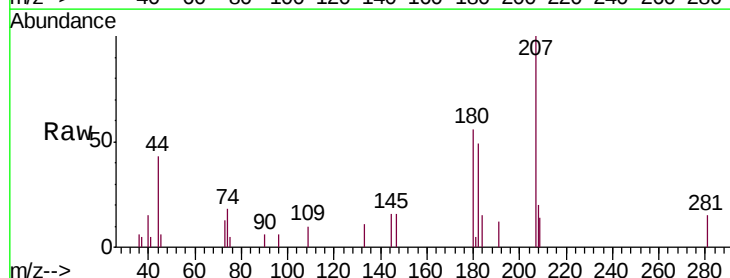
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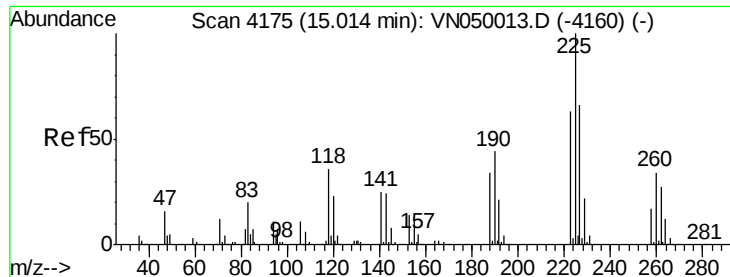
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#93
 1,2,4-Trichlorobenzene
 Concen: 0.64 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN050010.D
 Acq: 23 Jul 2018 17:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	46.7	140.1
145	28.2	13.8	41.4





#94

Hexachlorobutadiene

Concen: 1.07 ug/l

RT: 15.01 min Scan# 4174

Delta R.T. -0.00 min

Lab File: VN050010.D

Acq: 23 Jul 2018 17:33

Instrument :

MSVOA_N

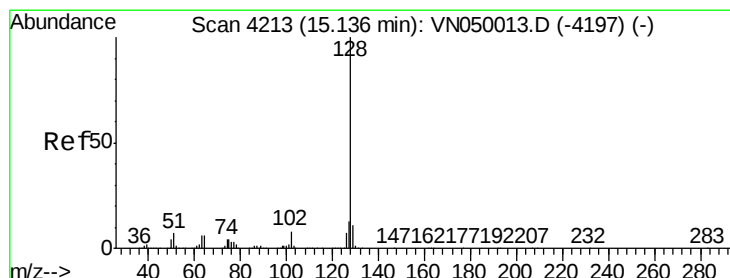
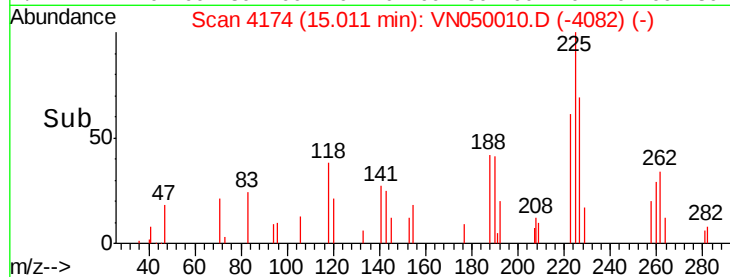
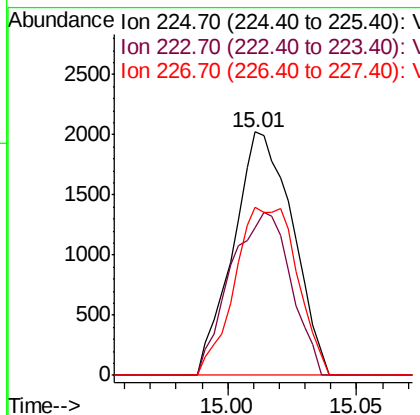
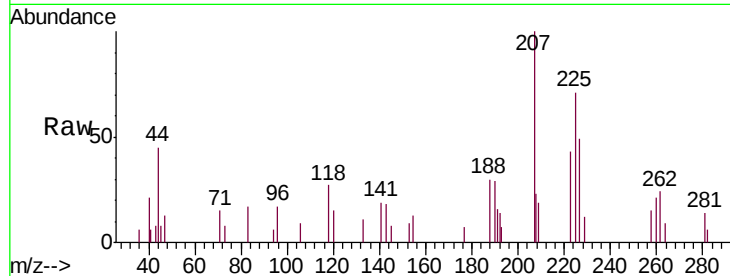
ClientSampleId :

VSTDIC001

Tot Ion:	225	Resp:	3236
Ion Ratio	Lower	Upper	
225	100		
223	68.5	31.4	94.2
227	72.7	32.1	96.5

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#95

Naphthalene

Concen: 0.67 ug/l

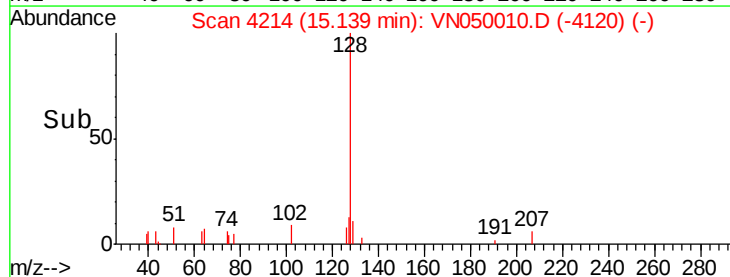
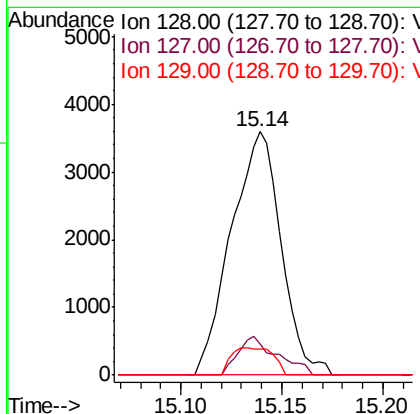
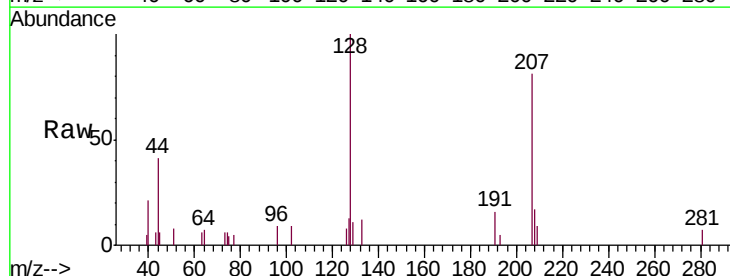
RT: 15.14 min Scan# 4214

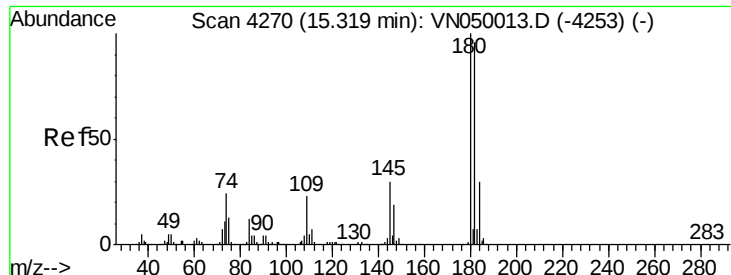
Delta R.T. 0.00 min

Lab File: VN050010.D

Acq: 23 Jul 2018 17:33

Tgt Ion:	128	Resp:	6229
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.4	15.6
129	9.4	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.66 ug/l
 RT: 15.32 min Scan# 4269
 Delta R.T. -0.00 min
 Lab File: VN050010.D
 Acq: 23 Jul 2018 17:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	104.3	48.1	144.4
145	33.5	15.3	45.9

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