

Data File : VN051391.D
Acq On : 22 Sep 2018 12:18
Operator : MD\SY
Sample : VSTDIC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

MMDadoda
9/24/2018 2:15:18 PM

Quant Time: Sep 24 05:46:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 24 05:35:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	476735	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	684945	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	583171	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	248579	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	29320	4.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.82%	
35) Dibromofluoromethane	7.60	113	27063	4.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.88%	
50) Toluene-d8	10.09	98	96637	4.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.38%	
62) 4-Bromofluorobenzene	12.40	95	27844	4.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.34%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	21975	4.941	ug/l	99
3) Chloromethane	2.06	50	33872	4.784	ug/l	99
4) Vinyl Chloride	2.18	62	35818	4.584	ug/l	94
5) Bromomethane	2.56	94	24722	5.332	ug/l	95
6) Chloroethane	2.70	64	22164	4.552	ug/l	98
7) Trichlorofluoromethane	3.01	101	45925	4.487	ug/l	91
8) Diethyl Ether	3.41	74	13200	1.401	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	24856	4.303	ug/l	98
10) Methyl Iodide	3.95	142	25792	3.619	ug/l	99
11) Tert butyl alcohol	4.78	59	6617m	19.657	ug/l	
12) 1,1-Dichloroethene	3.73	96	20497	3.864	ug/l	92
13) Acrolein	3.61	56	4192	12.525	ug/l #	55
14) Allyl chloride	4.33	41	34627	3.891	ug/l	96
15) Acrylonitrile	4.99	53	36438	19.874	ug/l	97
16) Acetone	3.82	43	33029	0.919	ug/l	96
17) Carbon Disulfide	4.05	76	67841	4.353	ug/l	100
18) Methyl Acetate	4.33	43	20535	4.515	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	50039	3.658	ug/l	97
20) Methylene Chloride	4.55	84	26858	4.545	ug/l	94
21) trans-1,2-Dichloroethene	5.04	96	22240	4.099	ug/l	91
22) Diisopropyl ether	5.96	45	64736	3.763	ug/l #	89
23) Vinyl Acetate	5.90	43	211823	18.756	ug/l	99
24) 1,1-Dichloroethane	5.85	63	46301	4.511	ug/l	99
25) 2-Butanone	6.84	43	49994	24.458	ug/l	99
26) 2,2-Dichloropropane	6.82	77	33997	4.243	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	24711	4.150	ug/l	96
28) Bromochloromethane	7.19	49	21614	4.560	ug/l	100
29) Tetrahydrofuran	7.22	42	23893	18.445	ug/l	98
30) Chloroform	7.37	83	44838	4.409	ug/l	98
31) Cyclohexane	7.65	56	42723	4.543	ug/l #	73
32) 1,1,1-Trichloroethane	7.57	97	38252	4.400	ug/l	98
36) 1,1-Dichloropropene	7.80	75	32371	4.081	ug/l	99
37) Ethyl Acetate	6.93	43	18232	3.998	ug/l #	77
38) Carbon Tetrachloride	7.78	117	36398	4.387	ug/l	99

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VSTDIC005

Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 24 05:35:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	36725	3.961	ug/l	89
40) Benzene	8.04	78	101592	4.362	ug/l	98
41) Methacrylonitrile	7.18	41	9257	3.669	ug/l	98
42) 1,2-Dichloroethane	8.13	62	32100	4.304	ug/l	99
43) Isopropyl Acetate	8.17	43	32346	3.922	ug/l	96
44) Trichloroethene	8.83	130	26771	4.328	ug/l	100
45) 1,2-Dichloropropane	9.12	63	27482	4.341	ug/l	99
46) Dibromomethane	9.21	93	15701	4.389	ug/l	97
47) Bromodichloromethane	9.40	83	33402	4.220	ug/l	99
48) Methyl methacrylate	9.20	41	14516	3.531	ug/l	90
49) 1,4-Dioxane	9.20	88	3179	63.090	ug/l #	84
51) 4-Methyl-2-Pentanone	9.99	43	84913	18.723	ug/l	100
52) Toluene	10.16	92	55003	3.800	ug/l	94
53) t-1,3-Dichloropropene	10.38	75	29910	3.743	ug/l	96
54) cis-1,3-Dichloropropene	9.84	75	35451	3.825	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	24966	4.881	ug/l	94
56) Ethyl methacrylate	10.43	69	20304	3.247	ug/l	96
57) 1,3-Dichloropropane	10.71	76	35343	4.031	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.70	63	59648	36.557	ug/l	100
59) 2-Hexanone	10.75	43	63228	21.506	ug/l	94
60) Dibromochloromethane	10.90	129	24008	3.978	ug/l	96
61) 1,2-Dibromoethane	11.01	107	20238	4.076	ug/l	98
64) Tetrachloroethene	10.63	164	24310	4.593	ug/l	90
65) Chlorobenzene	11.43	112	65858	4.402	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	25830	4.531	ug/l	98
67) Ethyl Benzene	11.51	91	101921	4.042	ug/l	96
68) m/p-Xylenes	11.62	106	74695	7.658	ug/l	98
69) o-Xylene	11.95	106	36494	3.892	ug/l	97
70) Styrene	11.96	104	52390	3.526	ug/l	97
71) Bromoform	12.13	173	16313	4.217	ug/l #	97
73) Isopropylbenzene	12.25	105	94512	4.506	ug/l	99
74) N-amyl acetate	12.07	43	21332	4.054	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.50	83	25767	5.268	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	20727m	5.169	ug/l	
77) Bromobenzene	12.53	156	24773	4.666	ug/l	97
78) n-propylbenzene	12.59	91	100758	4.263	ug/l	98
79) 2-Chlorotoluene	12.67	91	65159	4.605	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	77489	4.531	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.30	75	5512	4.107	ug/l	88
82) 4-Chlorotoluene	12.77	91	61155	4.330	ug/l	100
83) tert-Butylbenzene	12.99	119	68142	4.476	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	71446	4.146	ug/l	100
85) sec-Butylbenzene	13.17	105	89682	4.355	ug/l	99
86) p-Isopropyltoluene	13.29	119	73367	4.117	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	42266	4.600	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	38094	4.309	ug/l	92
89) n-Butylbenzene	13.61	91	56324	3.844	ug/l	99
90) Hexachloroethane	13.87	117	18506	5.212	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	40670	4.562	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	3540	5.072	ug/l	84

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
Quantitation Report (QT Reviewed)

Data File : VN051391.D
Acq On : 22 Sep 2018 12:18
Operator : MD\SY
Sample : VSTDICC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
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Quant Time: Sep 24 05:46:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 24 05:35:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	12459	8.264	ug/l	98
94) Hexachlorobutadiene	15.01	225	19612	5.814	ug/l	98
95) Naphthalene	15.13	128	22707	10.106	ug/l	97
96) 1,2,3-Trichlorobenzene	15.31	180	14919	3.487	ug/l	97

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

Data File : VN051391.D

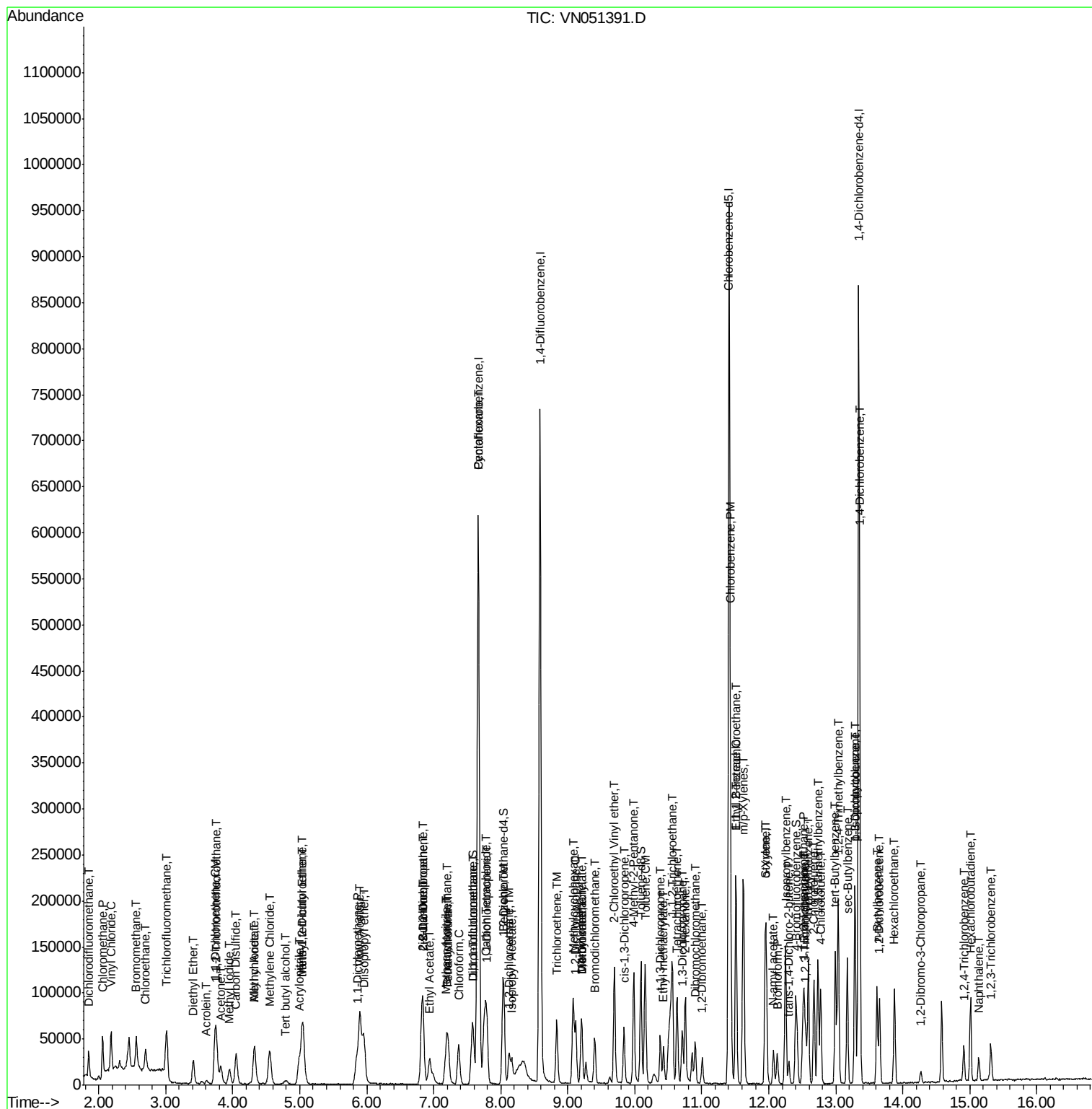
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Acq On       : 22 Sep 2018   12:18
Operator     : MD\SY
Sample       : VSTDIC005
Misc         : 5.00mL/MSV0A_N/WATER
ALS Vial     : 2      Sample Multiplier: 1
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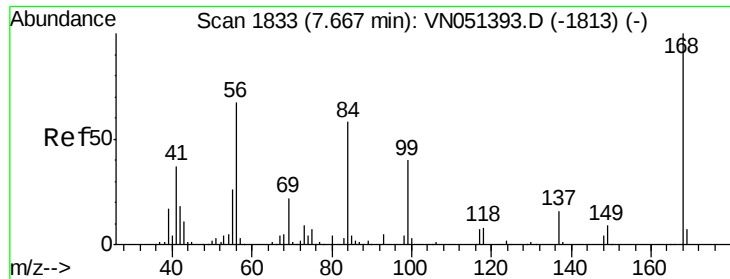
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations APPROVED

MMDadoda
9/24/2018 2:15:18 PM

Quant Time: Sep 24 05:46:23 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 24 05:35:54 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051391.D

Acq: 22 Sep 2018 12:18

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

Tgt Ion:168 Resp: 476735

Ion Ratio Lower Upper

168 100

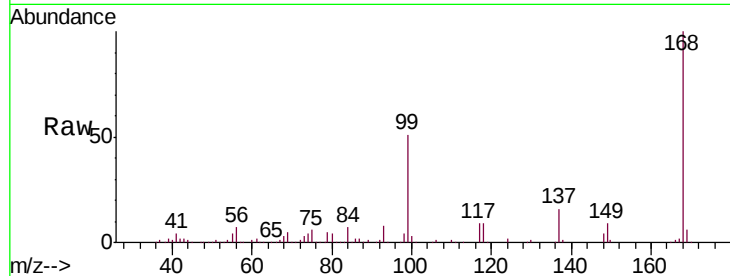
99 50.7 40.2 60.2

Manual Integrations

APPROVED

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9/24/2018 2:15:18 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

200000

150000

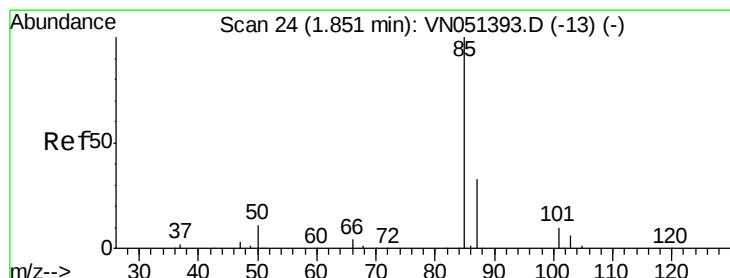
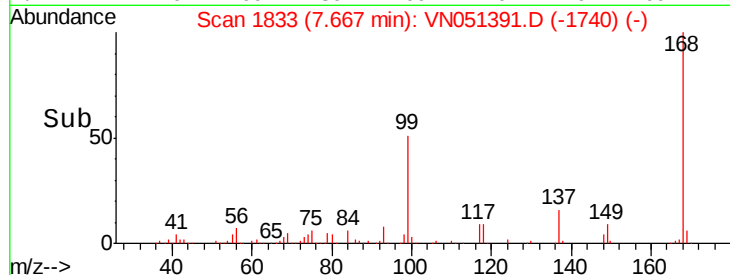
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 4.941 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN051391.D

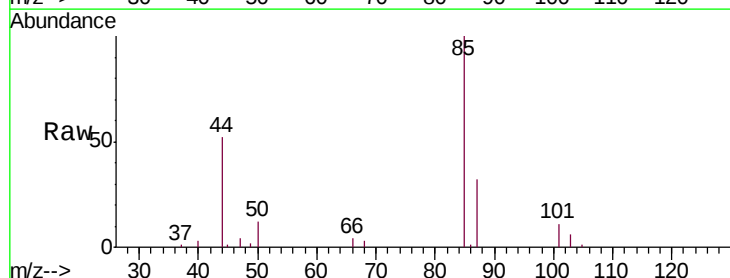
Acq: 22 Sep 2018 12:18

Tgt Ion: 85 Resp: 21975

Ion Ratio Lower Upper

85 100

87 32.2 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

15000

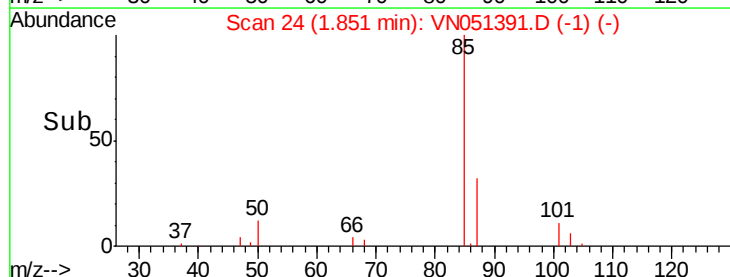
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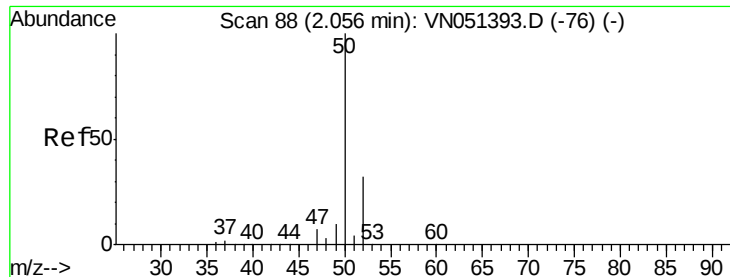
5000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 4.784 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN051391.D

Acq: 22 Sep 2018 12:18

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

Tgt Ion: 50 Resp: 33872

Ion Ratio Lower Upper

50 100

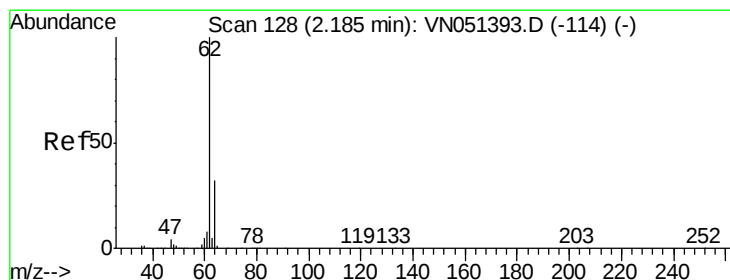
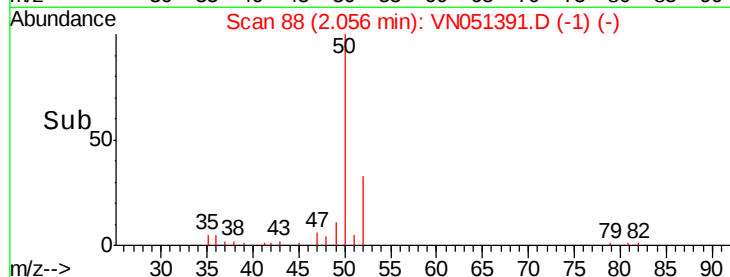
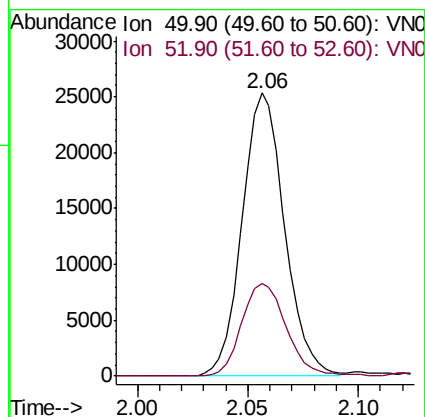
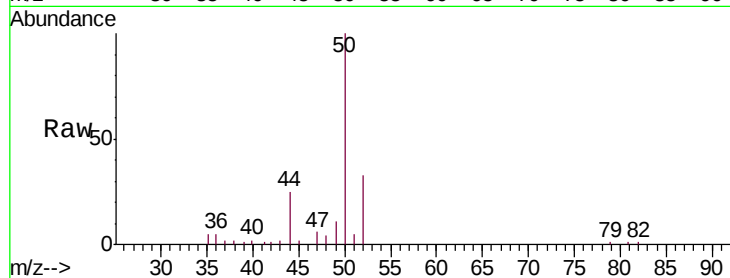
52 32.6 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 4.584 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN051391.D

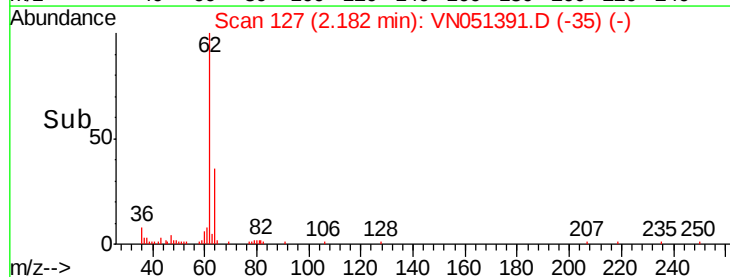
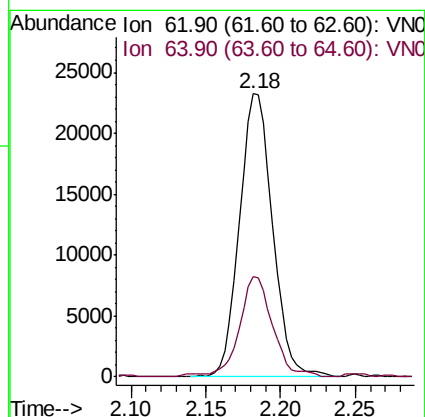
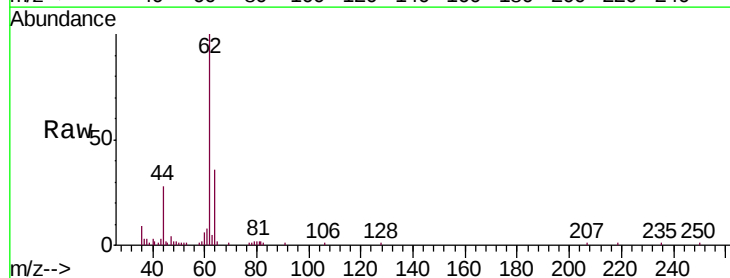
Acq: 22 Sep 2018 12:18

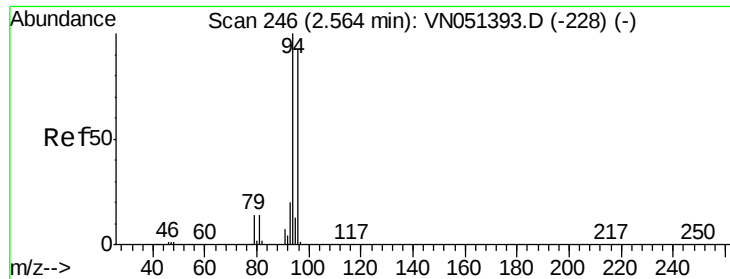
Tgt Ion: 62 Resp: 35818

Ion Ratio Lower Upper

62 100

64 35.6 25.8 38.8





#5

Bromomethane

Concen: 5.332 ug/l

RT: 2.56 min Scan# 245

Delta R.T. -0.00 min

Lab File: VN051391.D

Acq: 22 Sep 2018 12:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 94 Resp: 24722

Ion Ratio Lower Upper

94 100

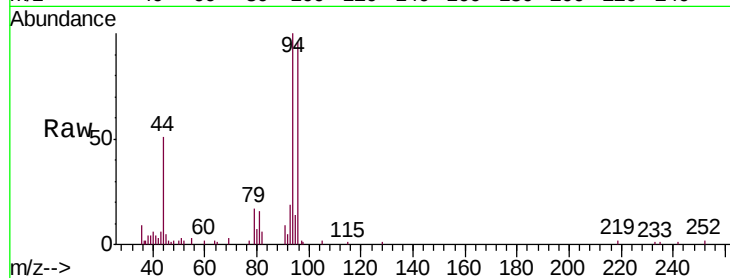
96 96.4 73.6 110.4

Manual Integrations

APPROVED

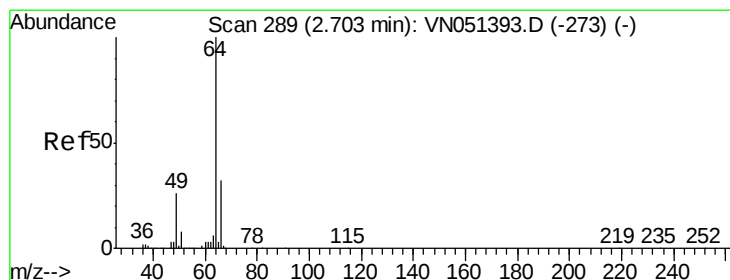
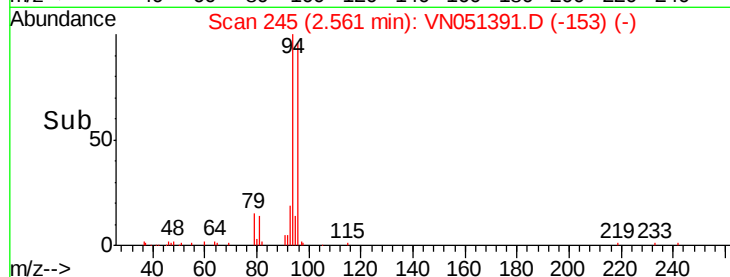
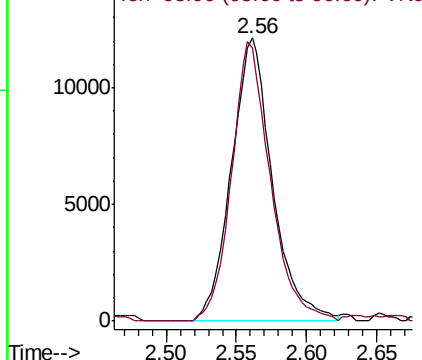
MMDadoda

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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: 4.552 ug/l

RT: 2.70 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN051391.D

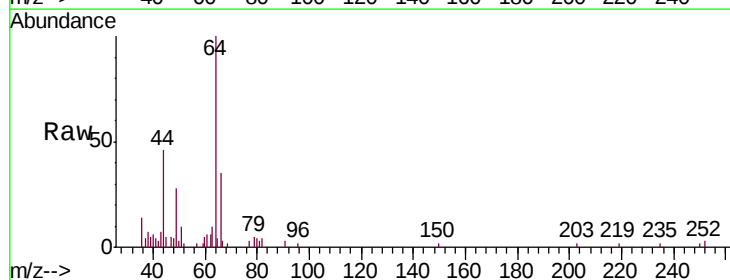
Acq: 22 Sep 2018 12:18

Tgt Ion: 64 Resp: 22164

Ion Ratio Lower Upper

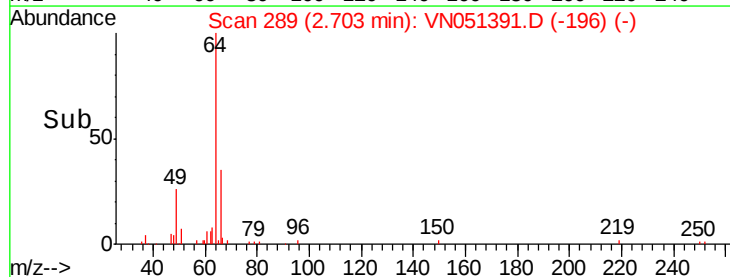
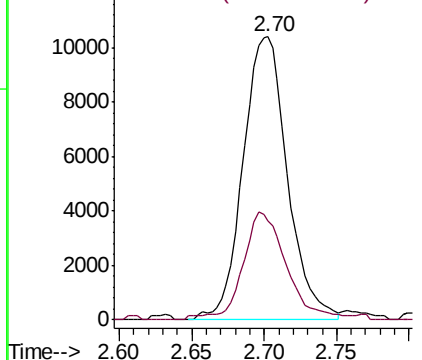
64 100

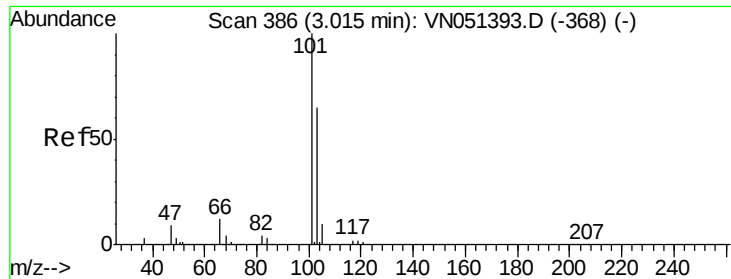
66 33.4 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

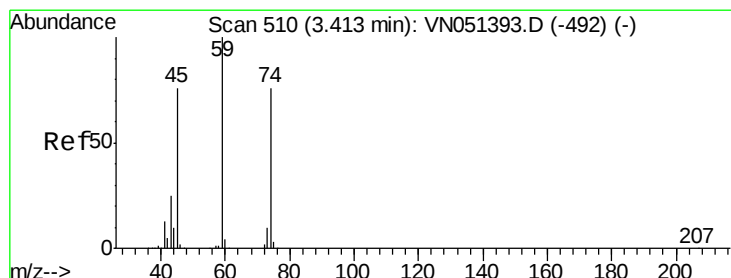
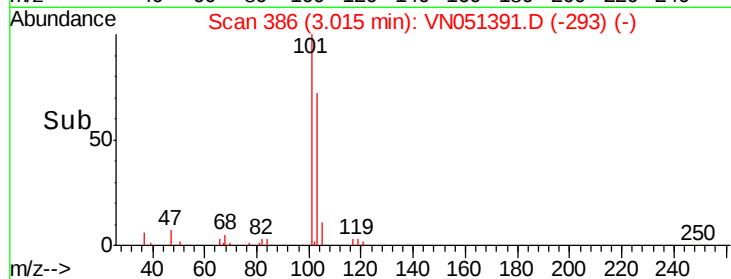
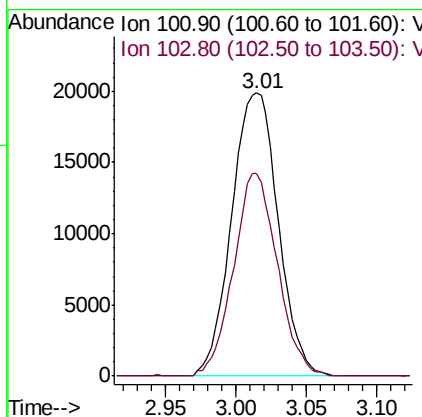
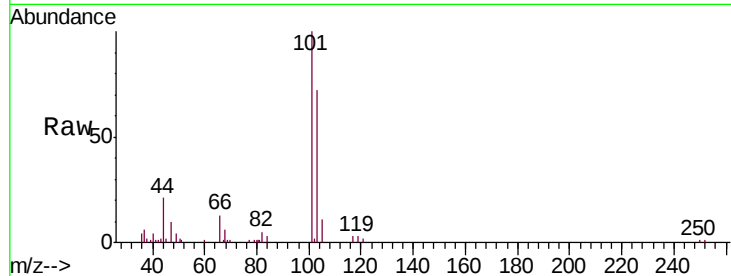
Trichlorofluoromethane
 Concen: 4.487 ug/l
 RT: 3.01 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: VN051391.D
 Acq: 22 Sep 2018 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
101	100		
103	71.8	51.8	77.8

Manual Integrations
 APPROVED

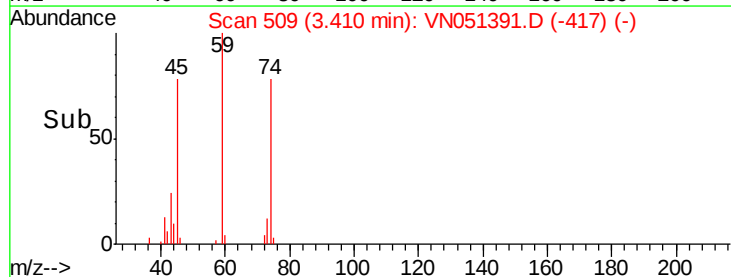
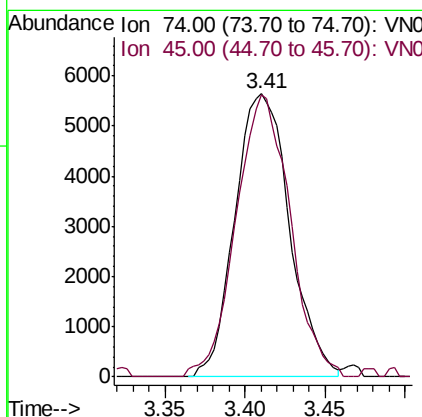
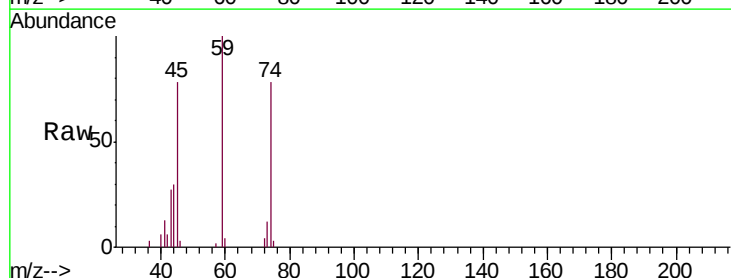
MMDadoda
 9/24/2018 2:15:18 PM

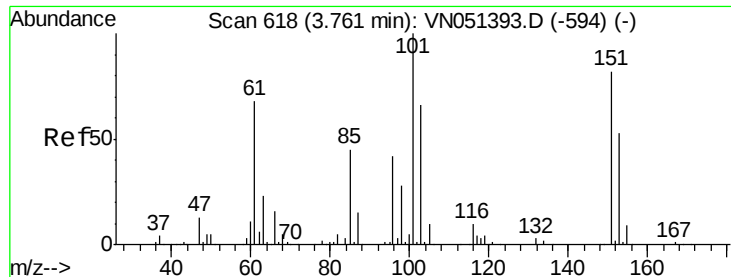


#8

Diethyl Ether
 Concen: 1.401 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN051391.D
 Acq: 22 Sep 2018 12:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.4	50.2	150.7





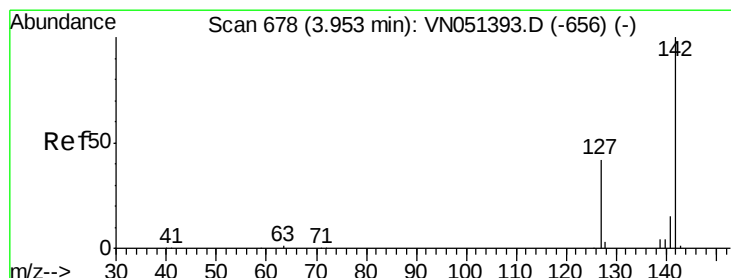
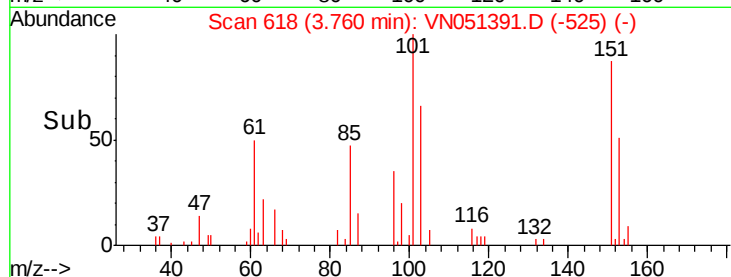
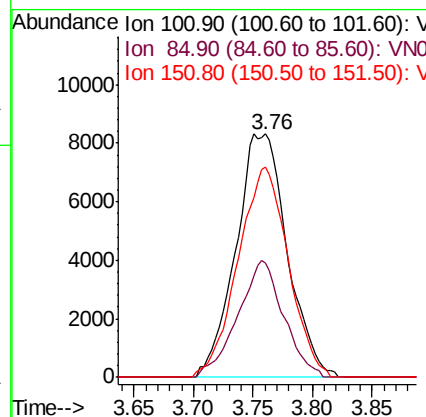
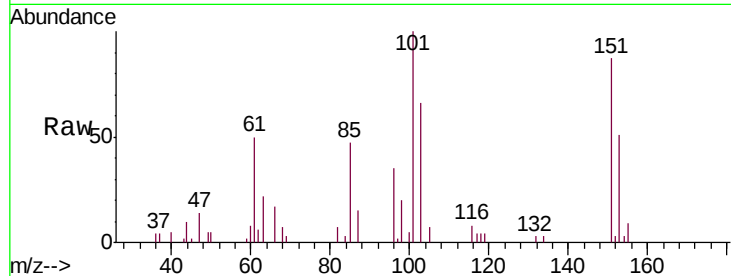
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.303 ug/l
RT: 3.76 min Scan# 618
Delta R.T. -0.00 min
Lab File: VN051391.D
Acq: 22 Sep 2018 12:18

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	24856		
85	42.8	33.9	50.9	
151	84.5	65.2	97.8	

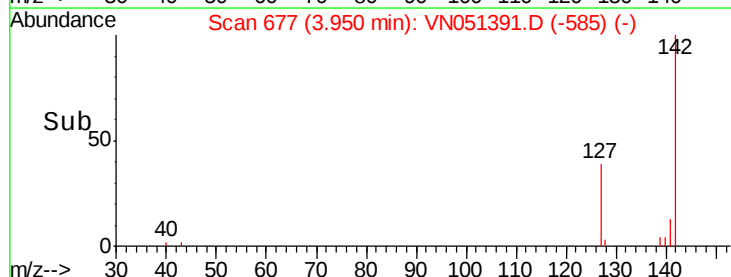
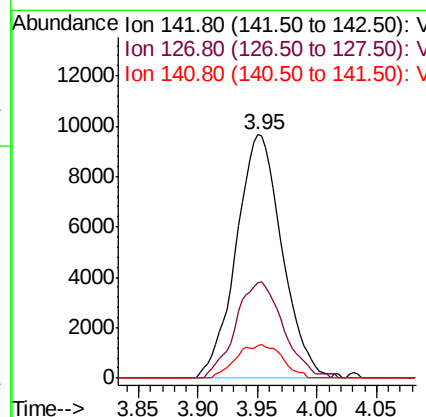
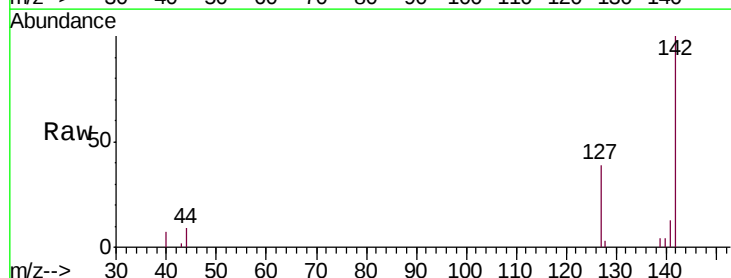
Manual Integrations
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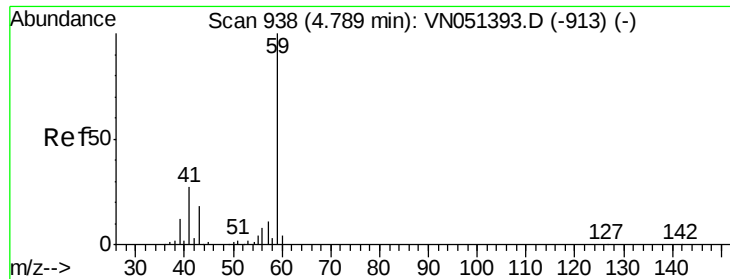
MMDadoda
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#10
Methyl Iodide
Concen: 3.619 ug/l
RT: 3.95 min Scan# 677
Delta R.T. -0.00 min
Lab File: VN051391.D
Acq: 22 Sep 2018 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	25792		
127	41.0	33.2	49.8	
141	13.9	11.5	17.3	





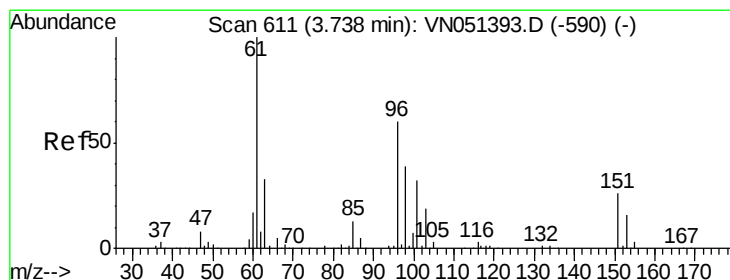
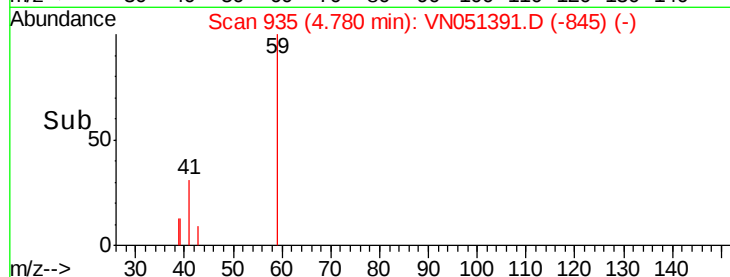
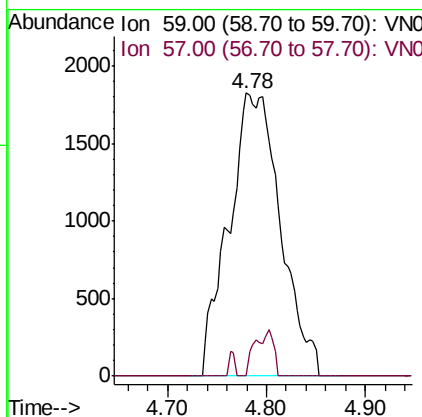
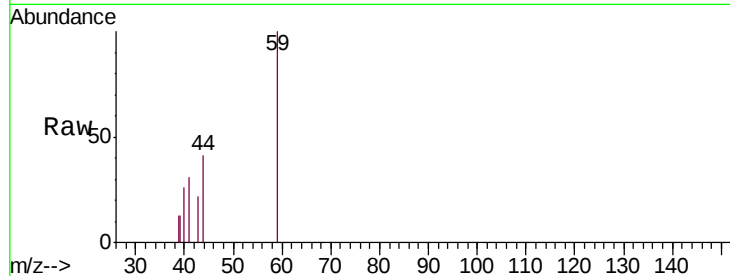
#11
Tert butyl alcohol
Concen: 19.657 ug/l m
RT: 4.78 min Scan# 935
Delta R.T. -0.01 min
Lab File: VN051391.D
Acq: 22 Sep 2018 12:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 6617
Ion Ratio Lower Upper
59 100
57 0.0 6.2 9.2#

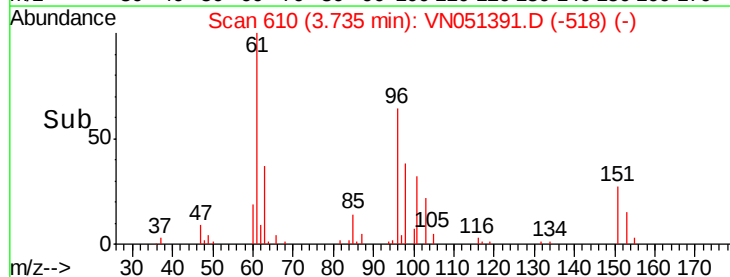
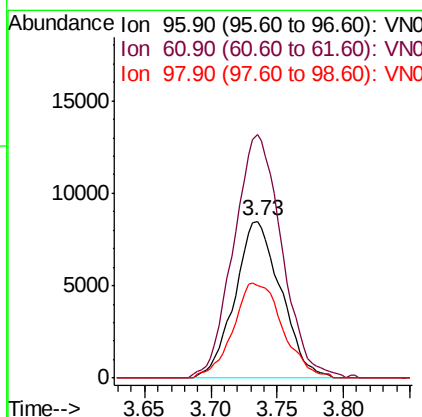
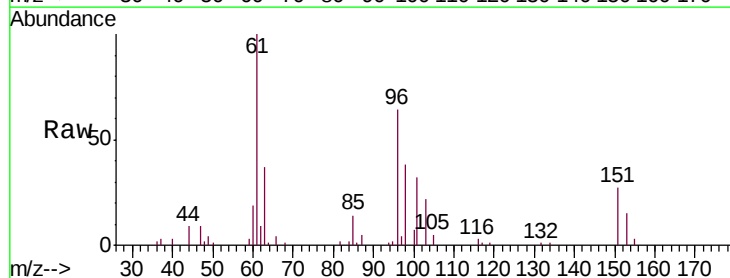
Manual Integrations
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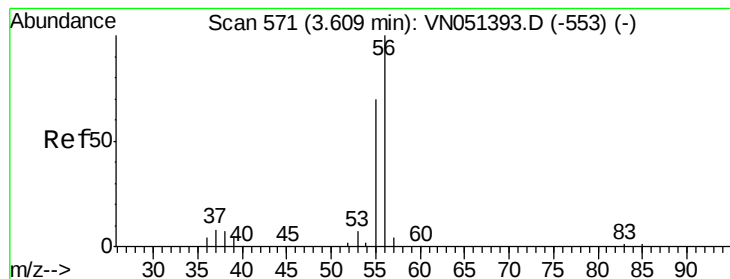
MMDadoda
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#12
1,1-Dichloroethene
Concen: 3.864 ug/l
RT: 3.73 min Scan# 610
Delta R.T. -0.00 min
Lab File: VN051391.D
Acq: 22 Sep 2018 12:18

Tgt Ion: 96 Resp: 20497
Ion Ratio Lower Upper
96 100
61 155.4 133.6 200.4
98 59.4 52.2 78.2





#13

Acrolein

Concen: 12.525 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.00 min

Lab File: VN051391.D

Acq: 22 Sep 2018 12:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 56 Resp: 4192

Ion Ratio Lower Upper

56 100

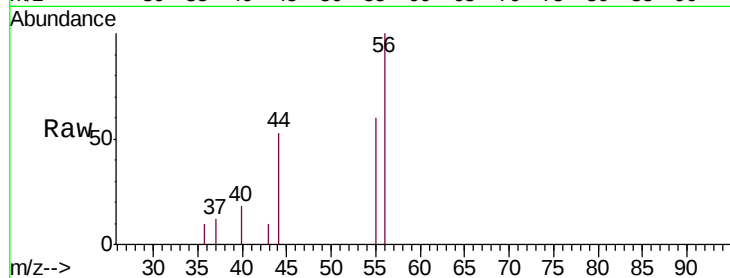
55 34.9 57.8 86.8#

Manual Integrations

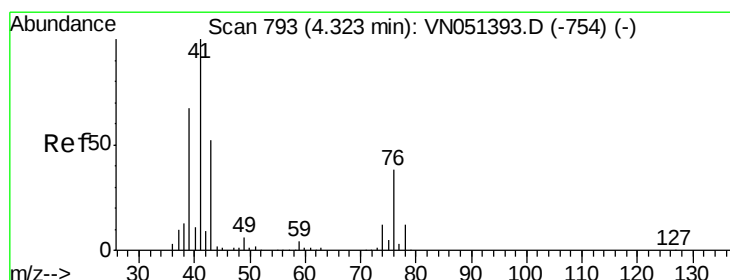
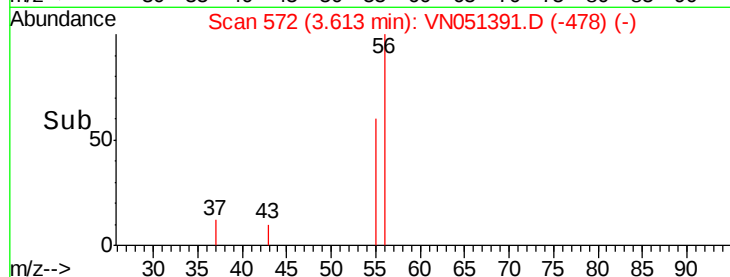
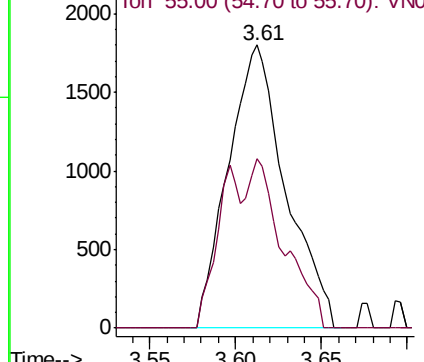
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Abundance Ion 56.00 (55.70 to 56.70): VN051391.D (-553) (-)



#14

Allyl chloride

Concen: 3.891 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN051391.D

Acq: 22 Sep 2018 12:18

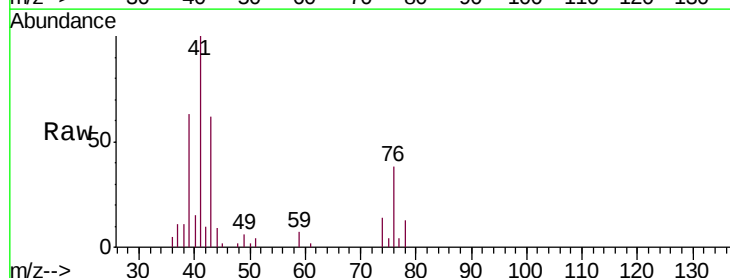
Tgt Ion: 41 Resp: 34627

Ion Ratio Lower Upper

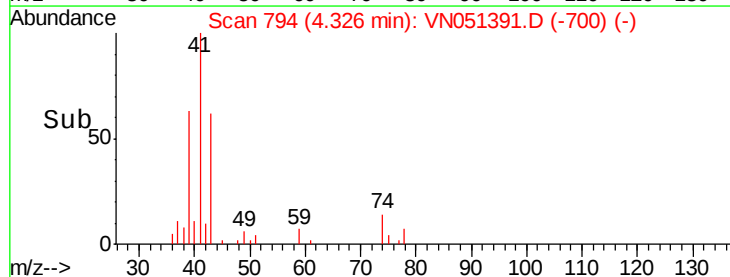
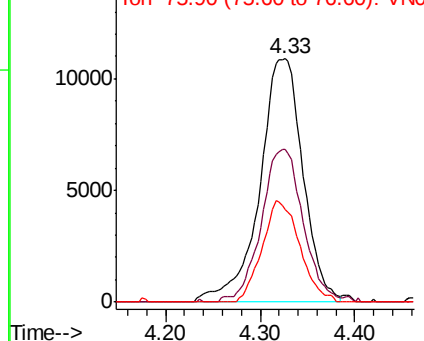
41 100

39 60.3 51.4 77.2

76 36.2 28.1 42.1



Abundance Ion 41.00 (40.70 to 41.70): VN051391.D (-754) (-)





#15

Acrylonitrile

Concen: 19.874 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN051391.D

Acq: 22 Sep 2018 12:18

Instrument :

MSVOA_N

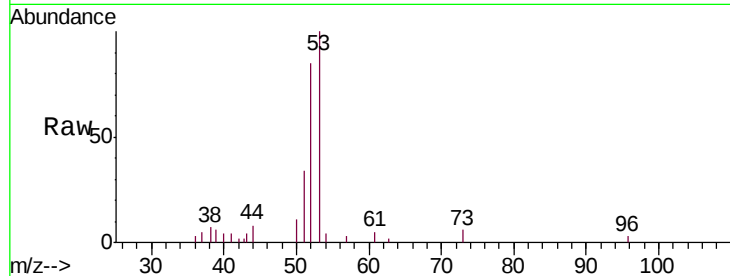
ClientSampled :

VSTDIC005

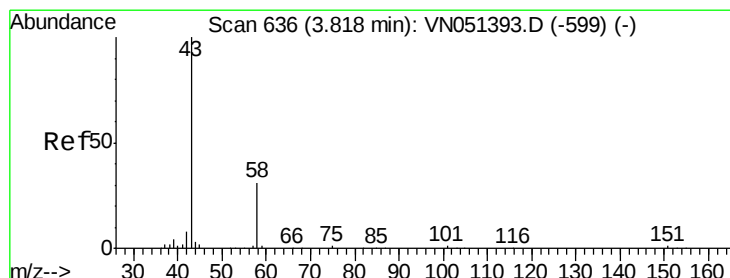
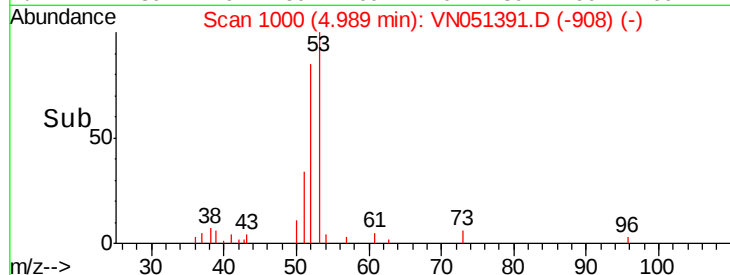
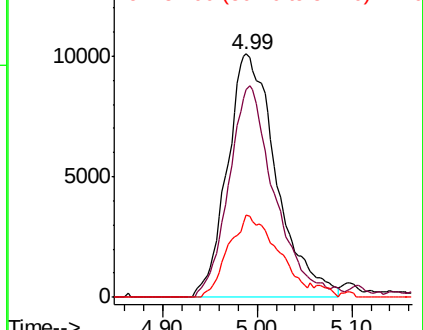
Tgt Ion:	53	Resp:	36438
Ion	Ratio	Lower	Upper
53	100		
52	80.1	66.2	99.2
51	33.4	28.6	42.8

Manual Integrations
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Abundance Ion 53.00 (52.70 to 53.70): VN051391.D (-976) (-)



#16

Acetone

Concen: 0.919 ug/l

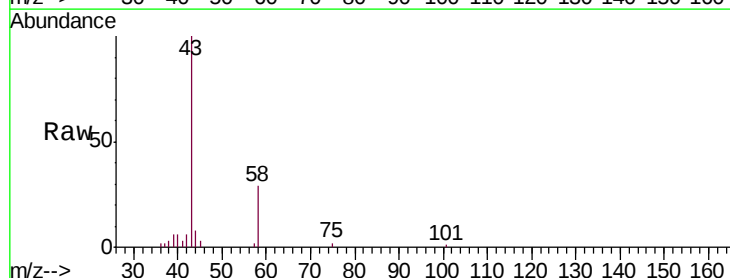
RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

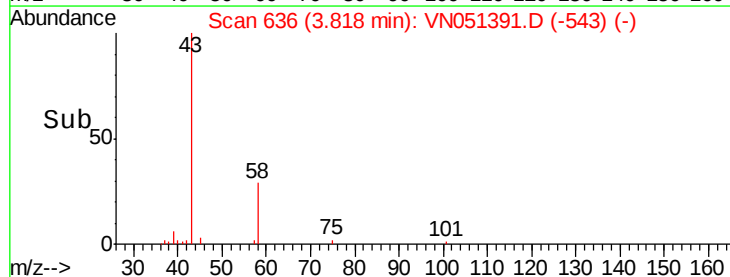
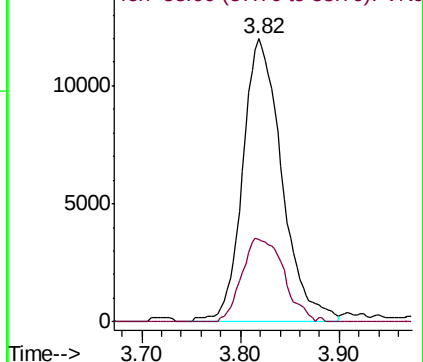
Lab File: VN051391.D

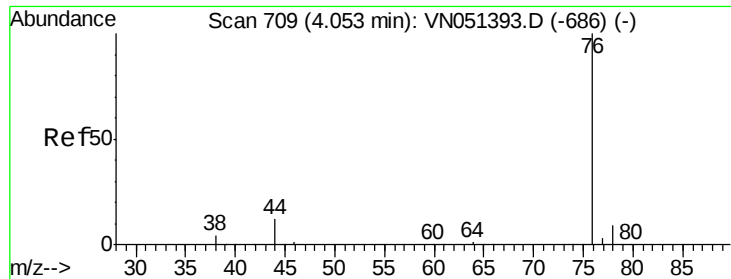
Acq: 22 Sep 2018 12:18

Tgt Ion:	43	Resp:	33029
Ion	Ratio	Lower	Upper
43	100		
58	28.9	25.0	37.4



Abundance Ion 43.00 (42.70 to 43.70): VN051391.D (-599) (-)





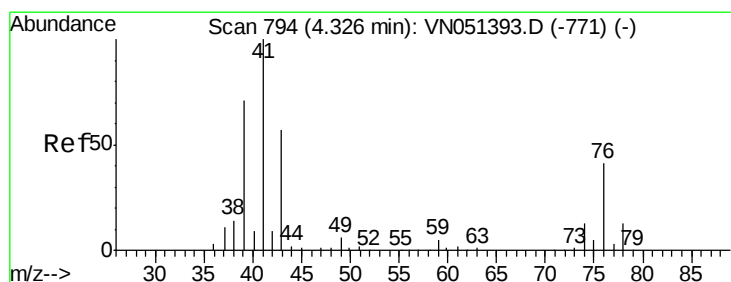
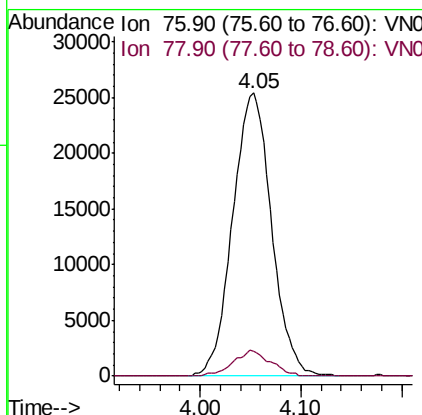
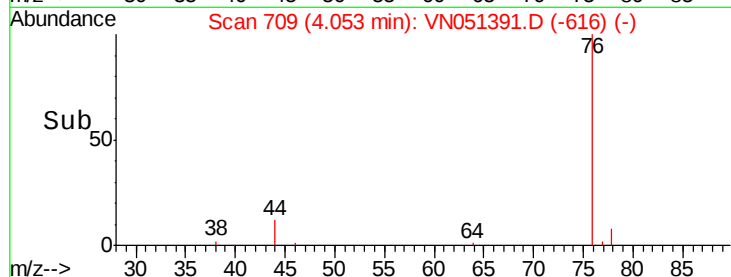
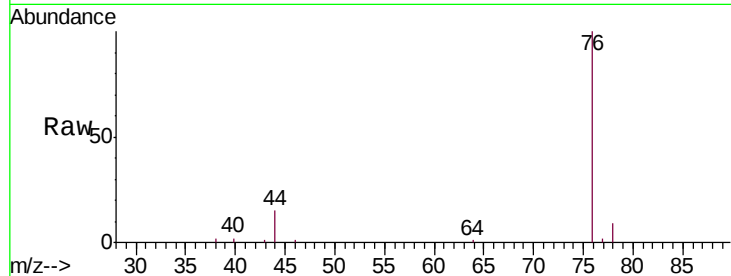
#17
Carbon Disulfide
Concen: 4.353 ug/l
RT: 4.05 min Scan# 709
Delta R.T. -0.00 min
Lab File: VN051391.D
Acq: 22 Sep 2018 12:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 67841
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

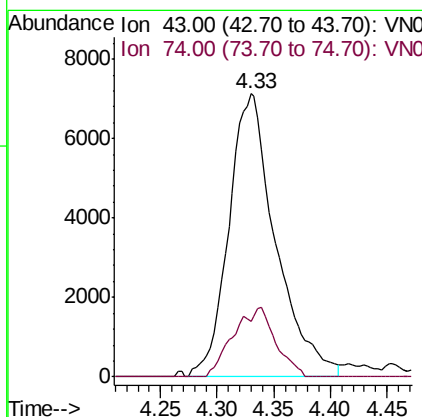
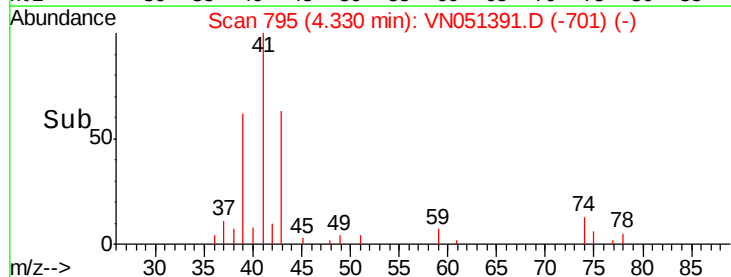
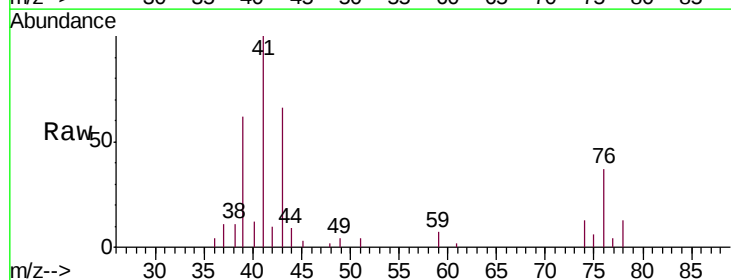
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#18
Methyl Acetate
Concen: 4.515 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN051391.D
Acq: 22 Sep 2018 12:18

Tgt Ion: 43 Resp: 20535
Ion Ratio Lower Upper
43 100
74 22.1 18.8 28.2





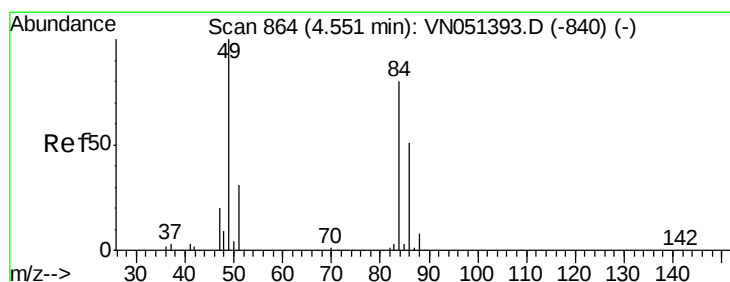
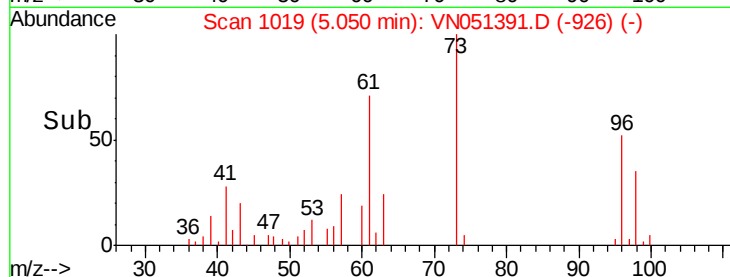
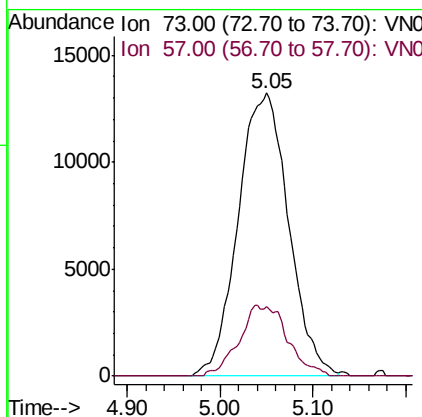
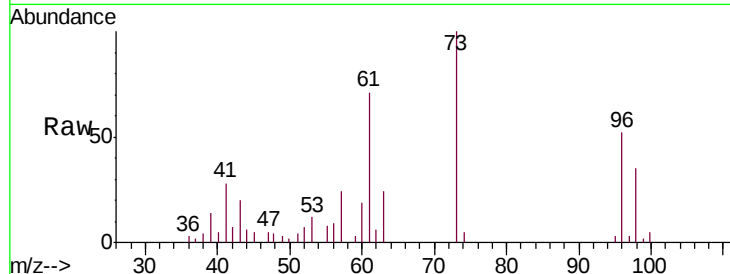
#19
Methyl tert-butyl Ether
Concen: 3.658 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VN051391.D
Acq: 22 Sep 2018 12:18

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tgt Ion: 73 Resp: 50039
Ion Ratio Lower Upper
73 100
57 24.4 18.3 27.5

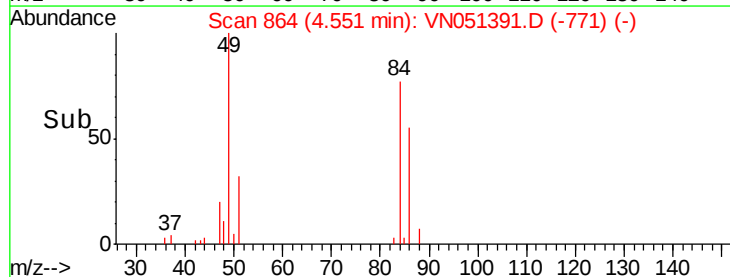
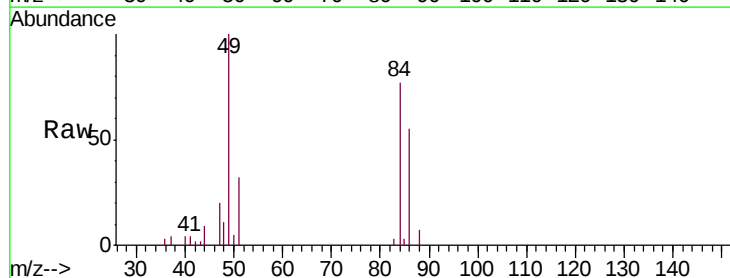
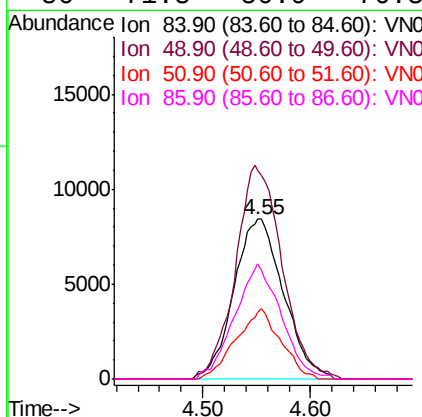
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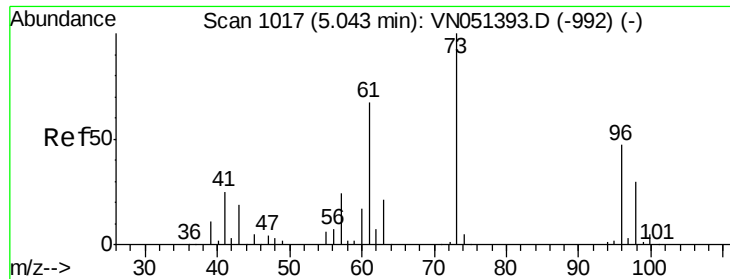
MMDadoda
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#20
Methylene Chloride
Concen: 4.545 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN051391.D
Acq: 22 Sep 2018 12:18

Tgt Ion: 84 Resp: 26858
Ion Ratio Lower Upper
84 100
49 130.5 99.9 149.9
51 41.8 31.4 47.2
86 71.8 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 4.099 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VN051391.D

Acq: 22 Sep 2018 12:18

Instrument :

MSVOA_N

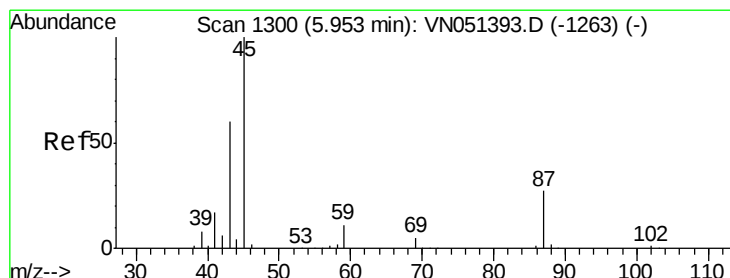
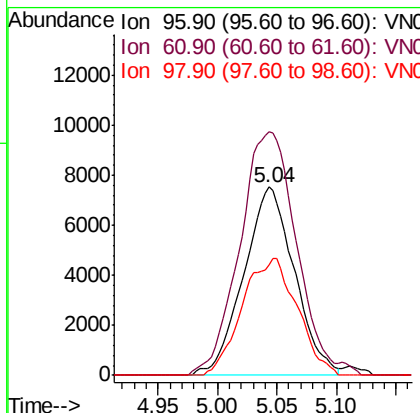
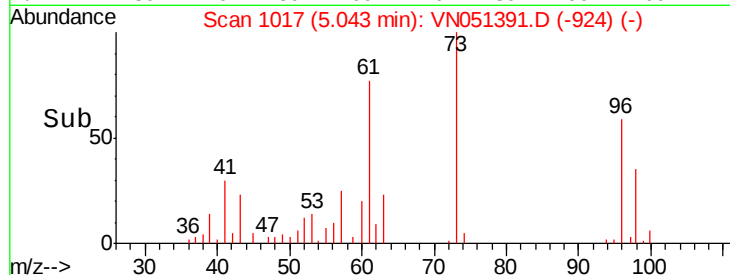
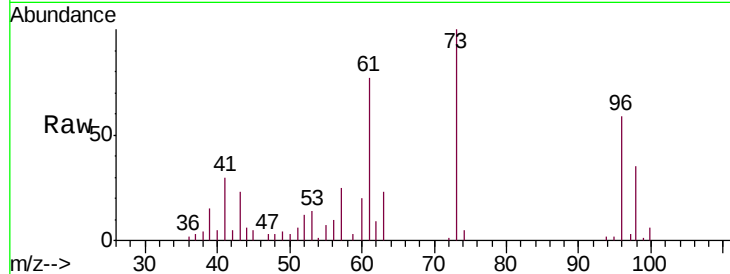
ClientSampleId :

VSTDIC005

Tgt Ion:	96	Resp:	22240
Ion	Ratio	Lower	Upper
96	100		
61	129.4	113.4	170.2
98	58.5	51.1	76.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 3.763 ug/l

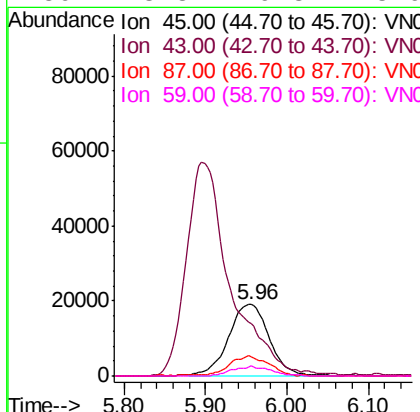
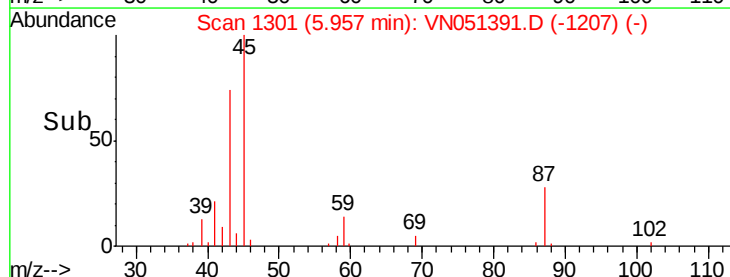
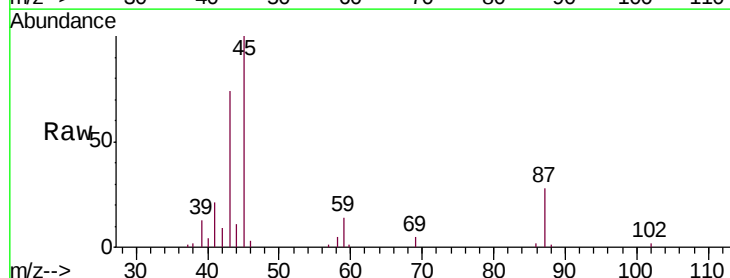
RT: 5.96 min Scan# 1301

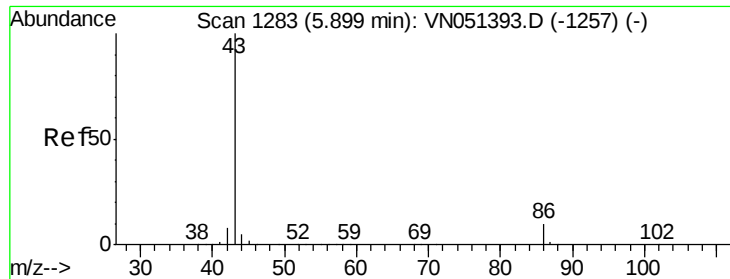
Delta R.T. 0.00 min

Lab File: VN051391.D

Acq: 22 Sep 2018 12:18

Tgt Ion:	45	Resp:	64736
Ion	Ratio	Lower	Upper
45	100		
43	71.9	47.7	71.5#
87	28.1	22.0	33.0
59	13.8	9.3	13.9





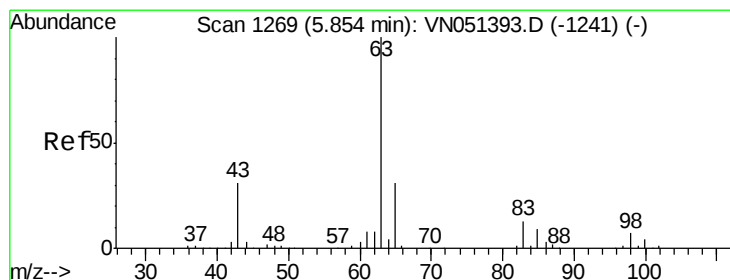
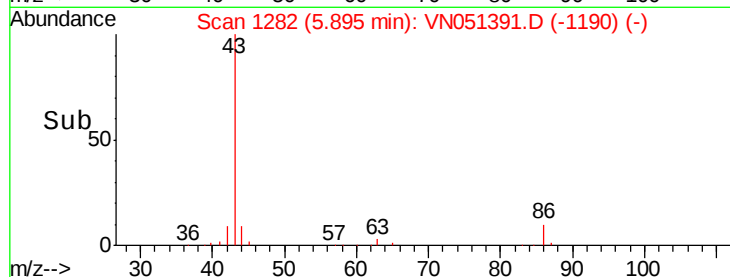
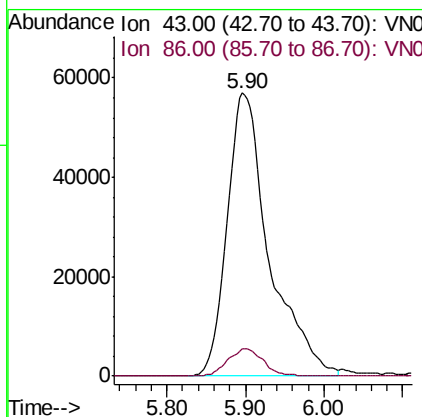
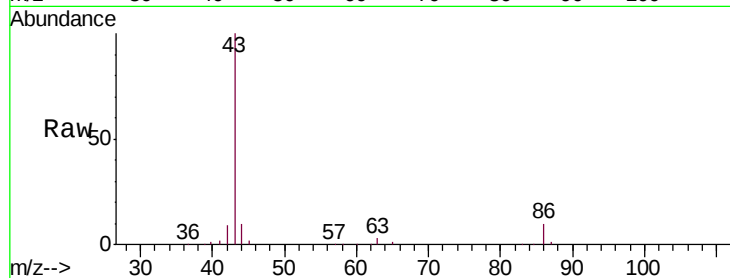
#23
 Vinyl Acetate
 Concen: 18.756 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: VN051391.D
 Acq: 22 Sep 2018 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
43	100		
86	9.7	8.2	12.2

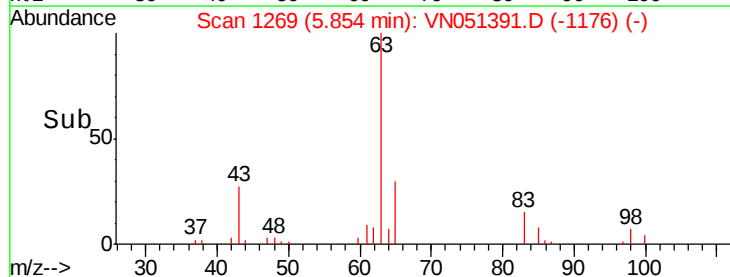
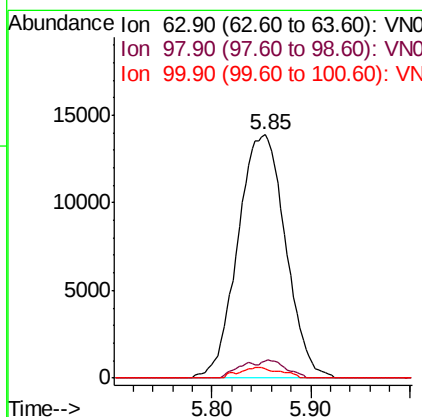
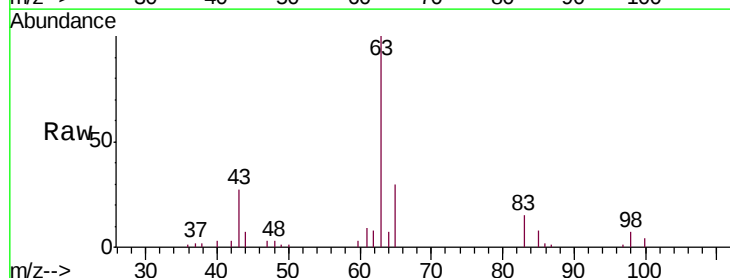
Manual Integrations
 APPROVED

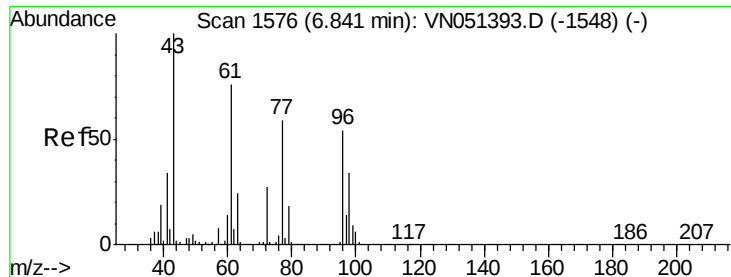
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#24
 1,1-Dichloroethane
 Concen: 4.511 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VN051391.D
 Acq: 22 Sep 2018 12:18

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.4	10.1
100	4.1	2.2	6.6





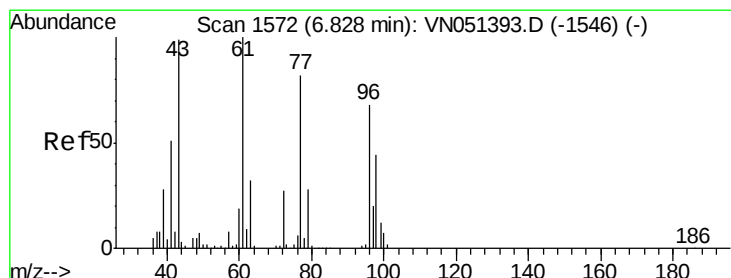
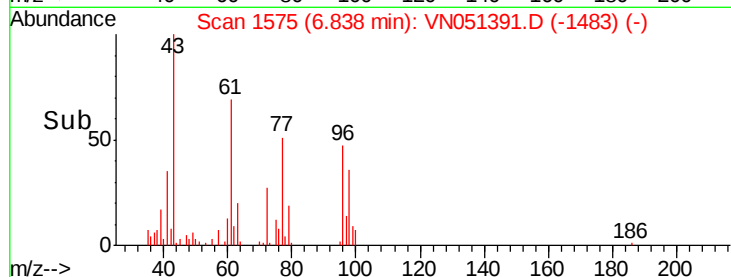
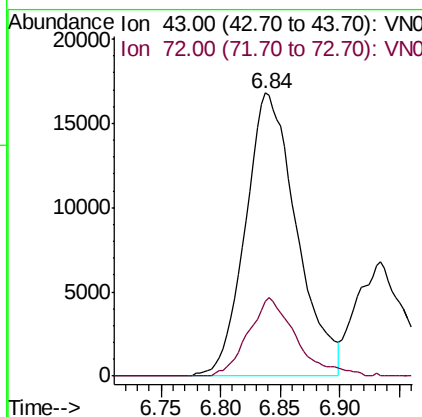
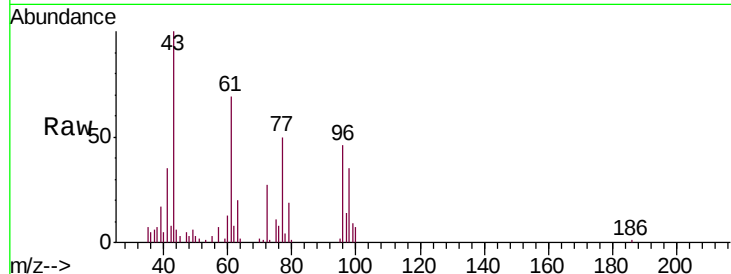
#25
2-Butanone
Concen: 24.458 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. -0.00 min
Lab File: VN051391.D
Acq: 22 Sep 2018 12:18

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tgt Ion: 43 Resp: 49994
Ion Ratio Lower Upper
43 100
72 26.6 21.8 32.6

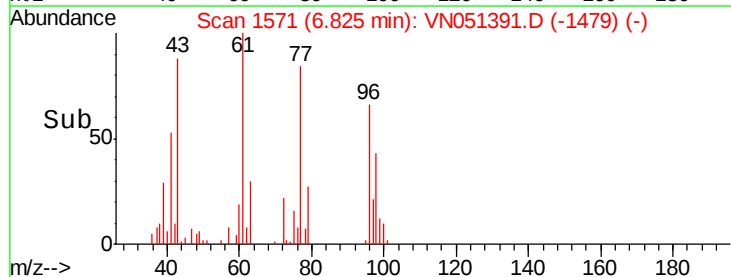
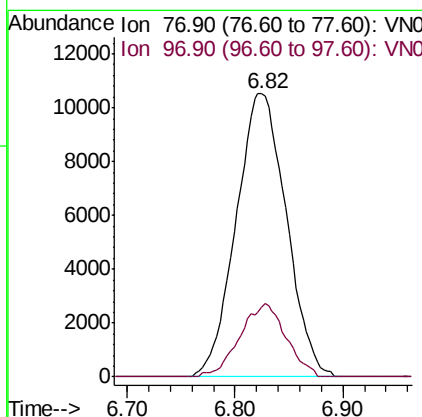
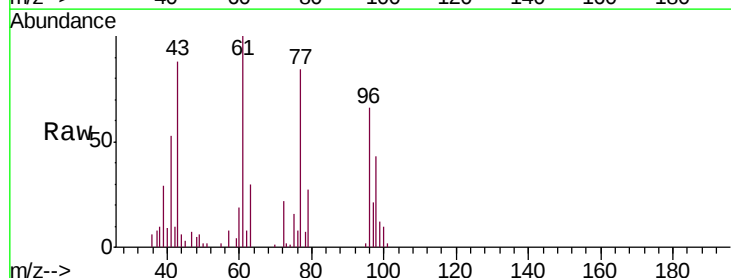
Manual Integrations
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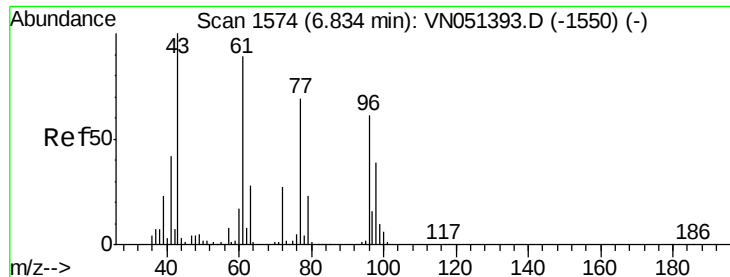
MMDadoda
9/24/2018 2:15:18 PM



#26
2,2-Dichloropropane
Concen: 4.243 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VN051391.D
Acq: 22 Sep 2018 12:18

Tgt Ion: 77 Resp: 33997
Ion Ratio Lower Upper
77 100
97 23.8 11.9 35.5





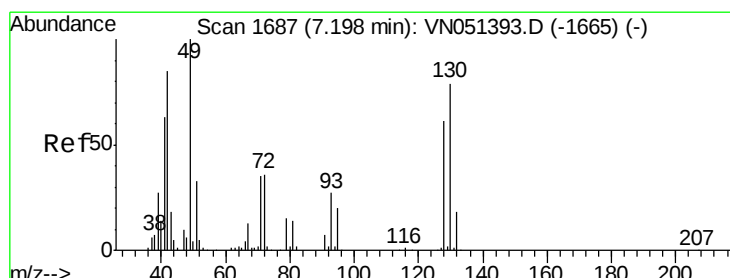
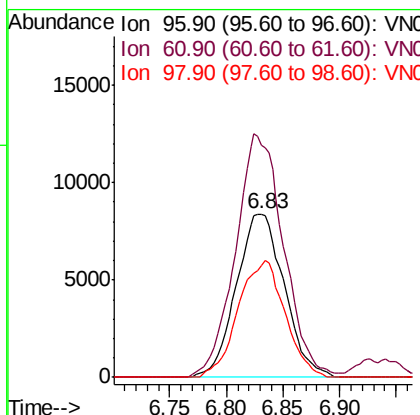
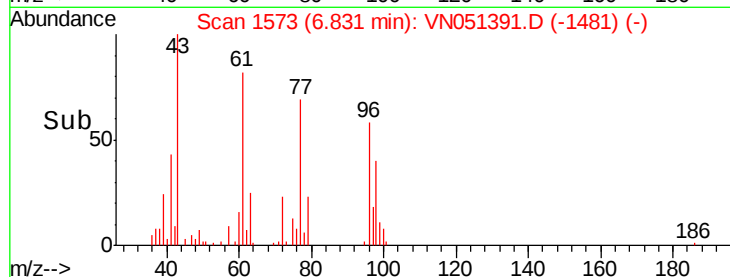
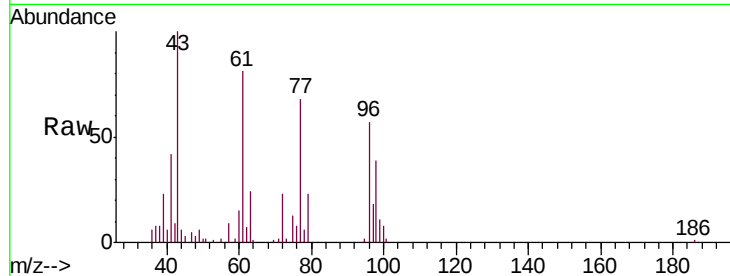
#27
 cis-1,2-Dichloroethene
 Concen: 4.150 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: VN051391.D
 Acq: 22 Sep 2018 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.7	0.0	291.4
98	70.0	0.0	128.4

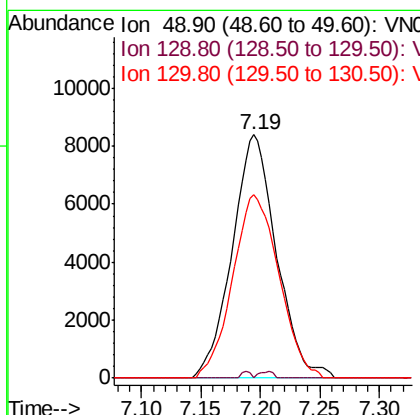
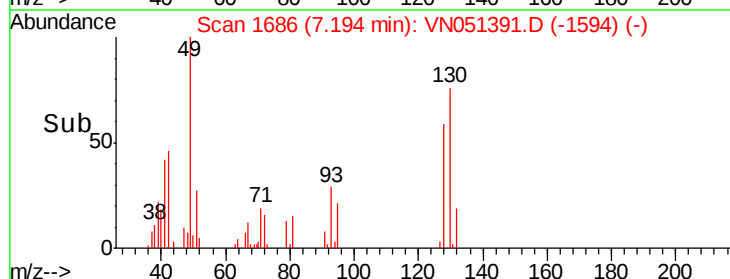
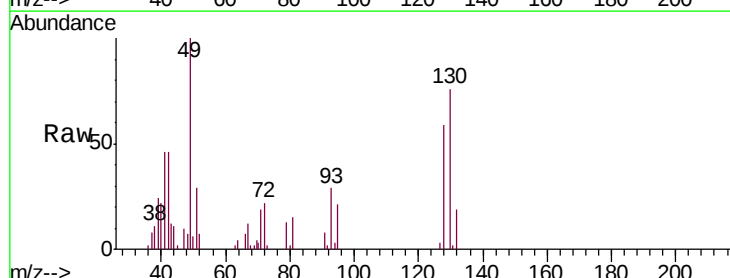
Manual Integrations
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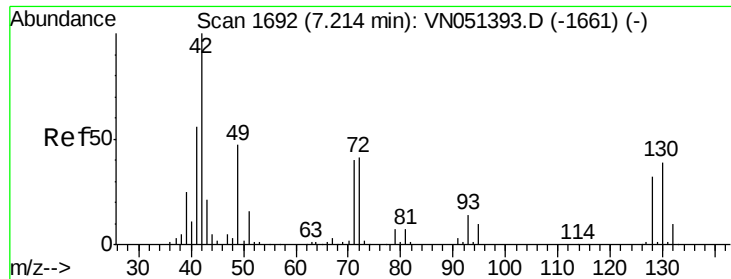
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 9/24/2018 2:15:18 PM



#28
 Bromochloromethane
 Concen: 4.560 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: VN051391.D
 Acq: 22 Sep 2018 12:18

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	3.8
130	78.9	63.0	94.4





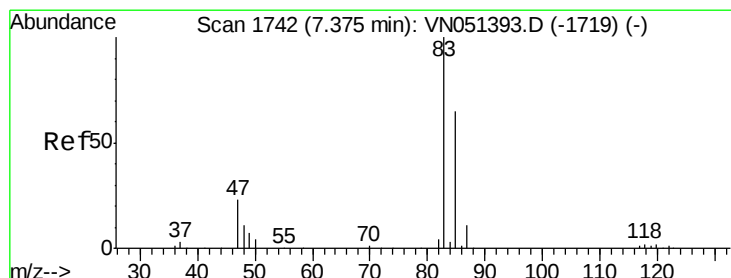
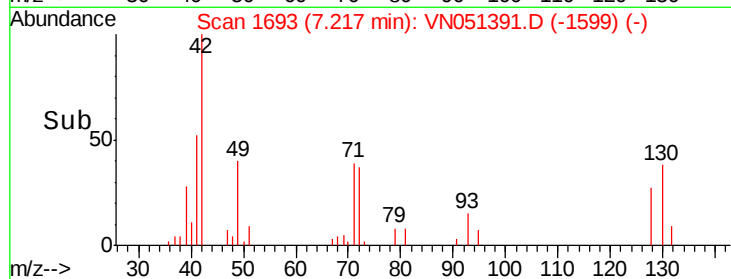
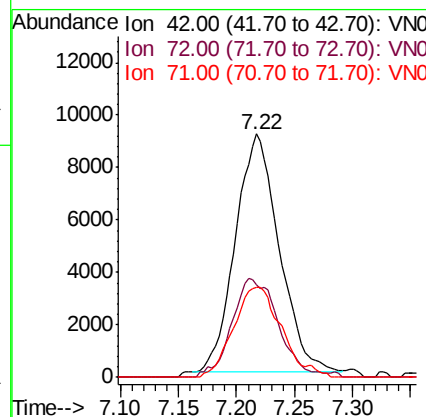
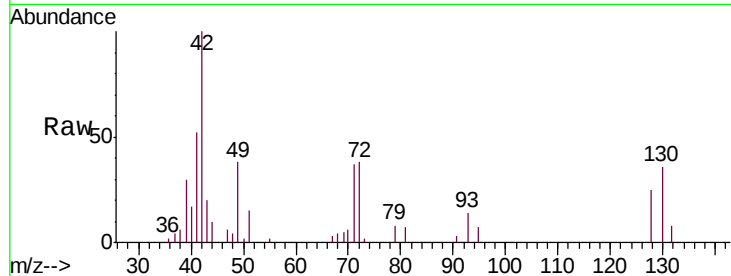
#29
Tetrahydrofuran
Concen: 18.445 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN051391.D
Acq: 22 Sep 2018 12:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
42	100		
72	44.0	34.3	51.5
71	41.4	32.2	48.4

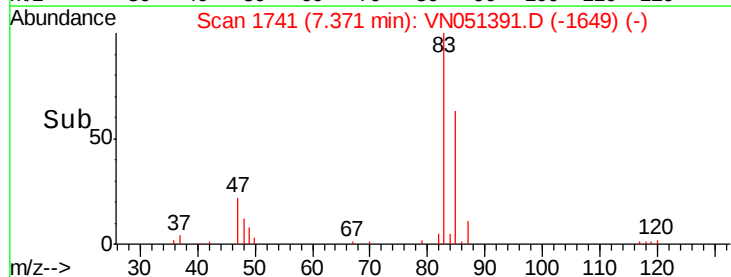
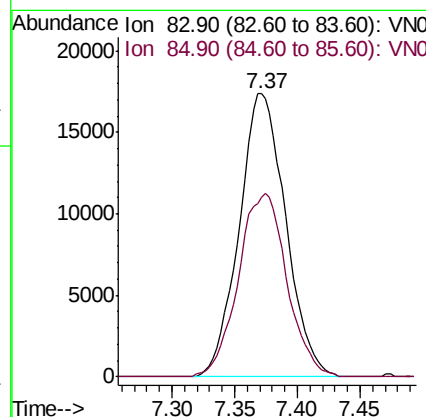
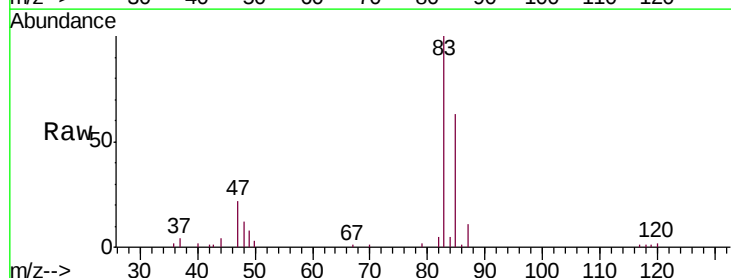
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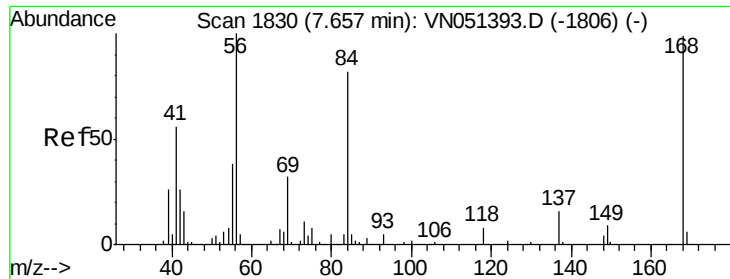
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#30
Chloroform
Concen: 4.409 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN051391.D
Acq: 22 Sep 2018 12:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.8	77.6





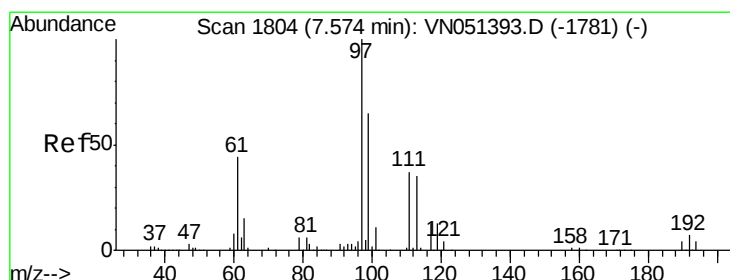
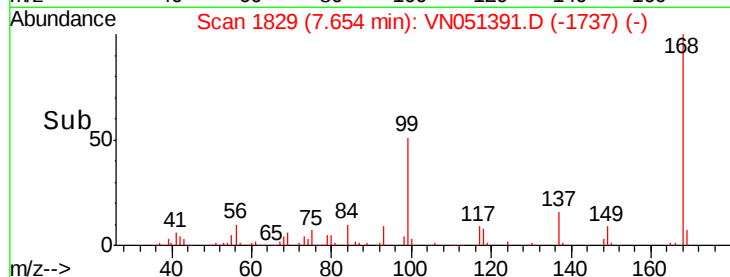
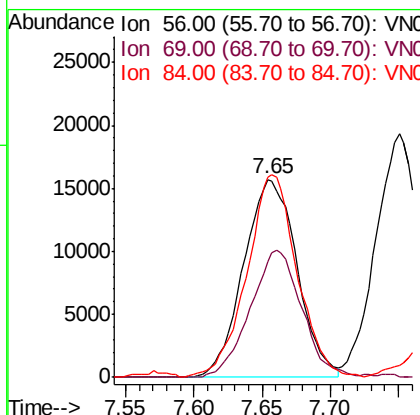
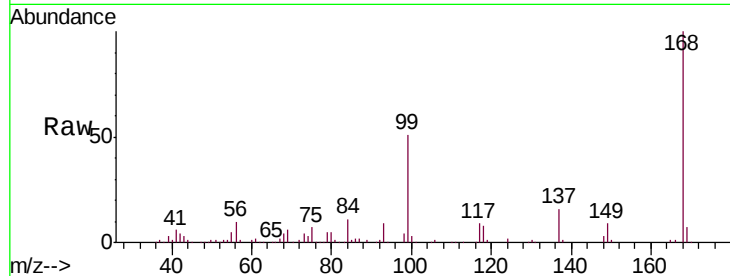
#31
Cyclohexane
Concen: 4.543 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.00 min
Lab File: VN051391.D
Acq: 22 Sep 2018 12:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
56	100		
69	58.7	25.8	38.6#
84	100.0	66.0	99.0#

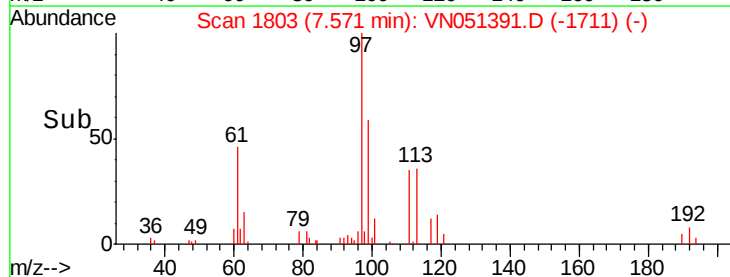
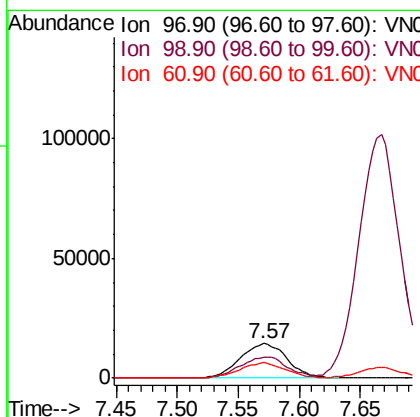
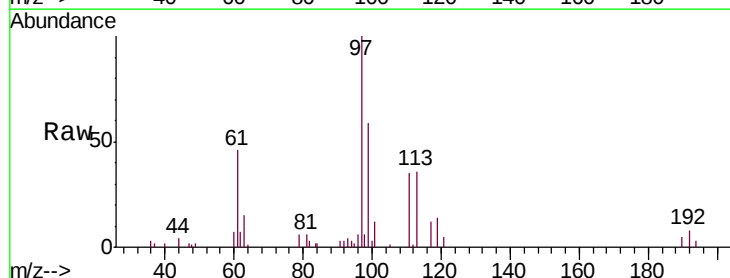
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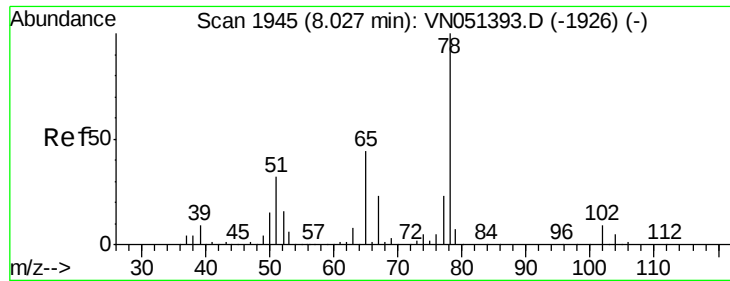
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#32
1,1,1-Trichloroethane
Concen: 4.400 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN051391.D
Acq: 22 Sep 2018 12:18

Tgt Ion	Ratio	Lower	Upper
97	100		
99	61.6	51.4	77.0
61	44.0	35.8	53.8





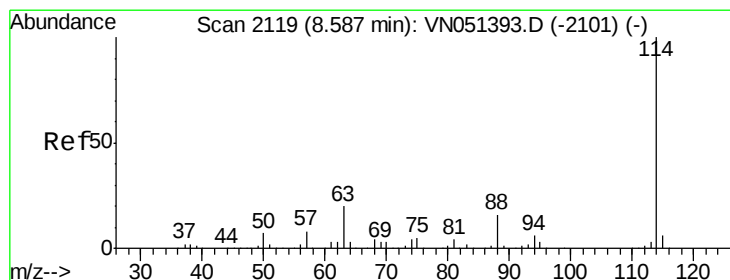
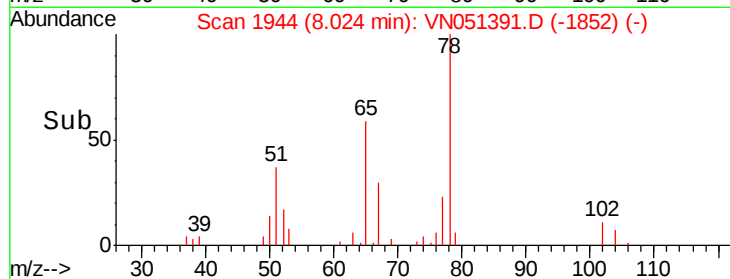
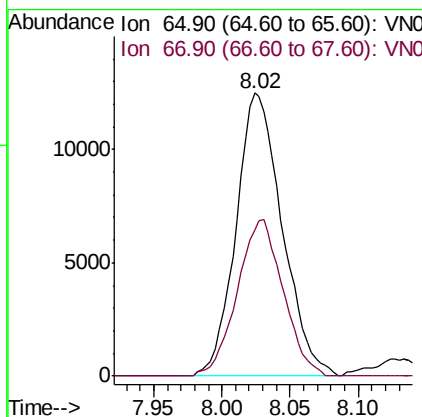
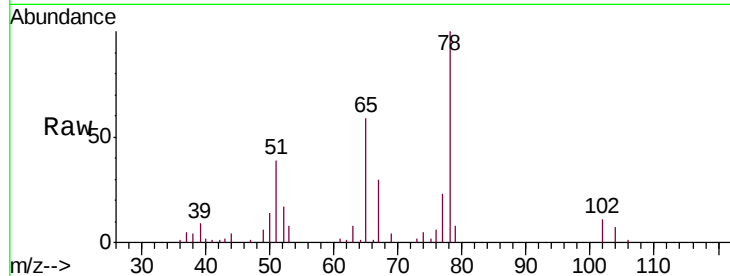
#33
 1,2-Dichloroethane-d4
 Concen: 4.910 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN051391.D
 Acq: 22 Sep 2018 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 65 Resp: 29320
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 107.8

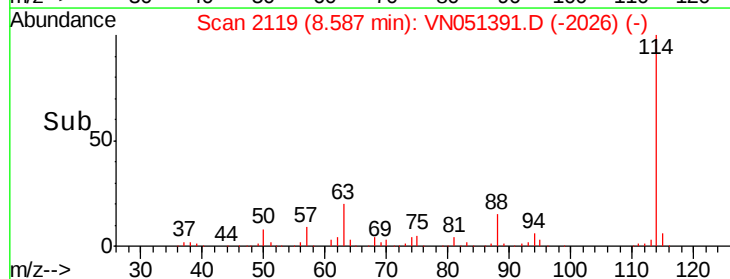
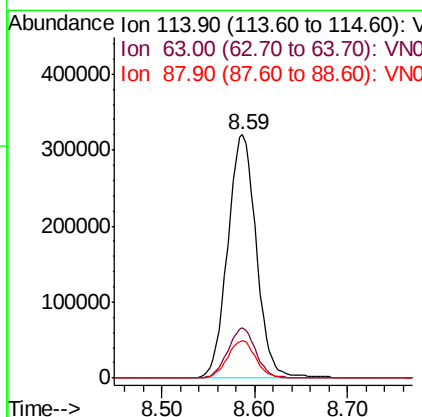
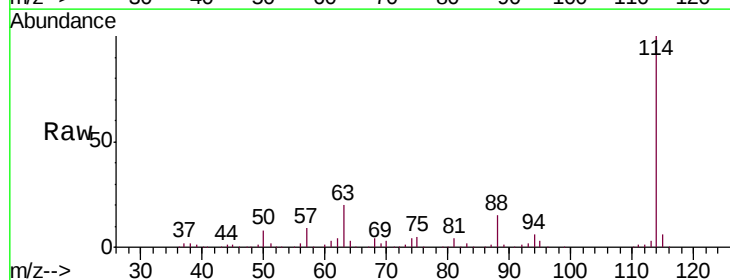
Manual Integrations
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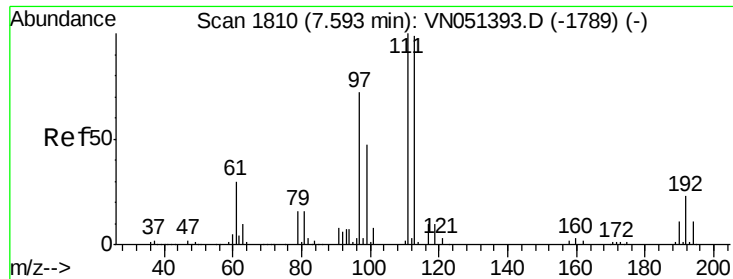
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051391.D
 Acq: 22 Sep 2018 12:18

Tgt Ion: 114 Resp: 684945
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.2
 88 15.3 0.0 31.4





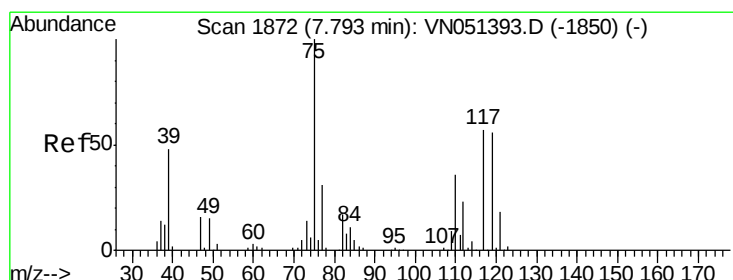
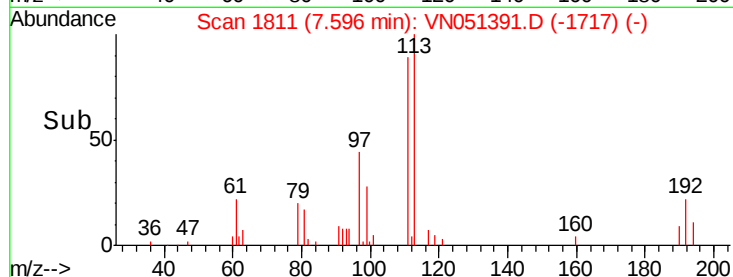
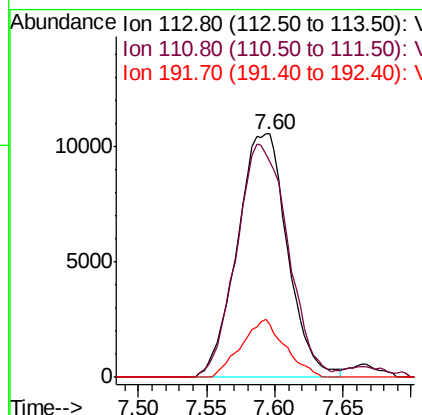
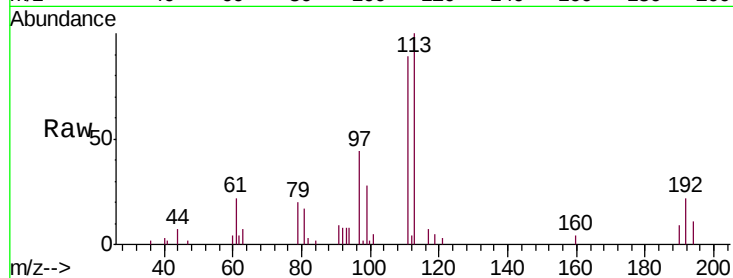
#35
 Dibromofluoromethane
 Concen: 4.941 ug/l
 RT: 7.60 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VN051391.D
 Acq: 22 Sep 2018 12:18

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	27063		
111	97.9	82.6	123.8	
192	20.6	18.0	27.0	

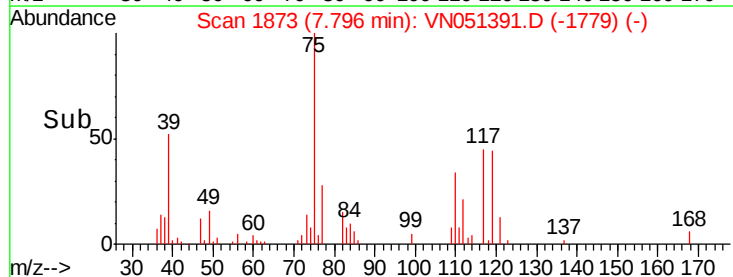
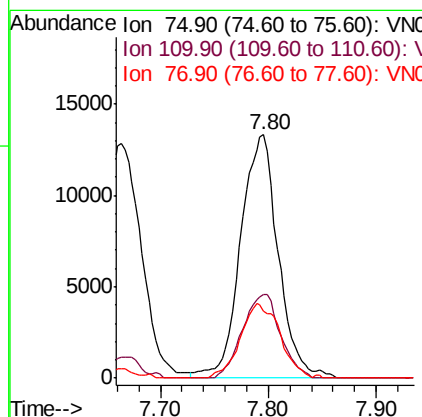
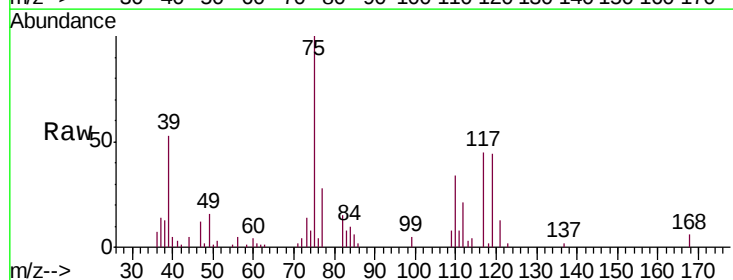
Manual Integrations
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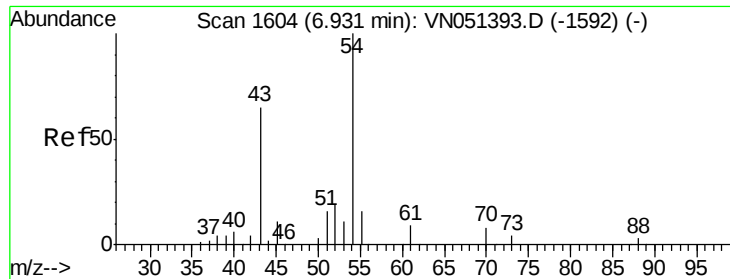
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 9/24/2018 2:15:18 PM



#36
 1,1-Dichloropropene
 Concen: 4.081 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN051391.D
 Acq: 22 Sep 2018 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	32371		
110	34.7	18.1	54.3	
77	32.1	25.6	38.4	





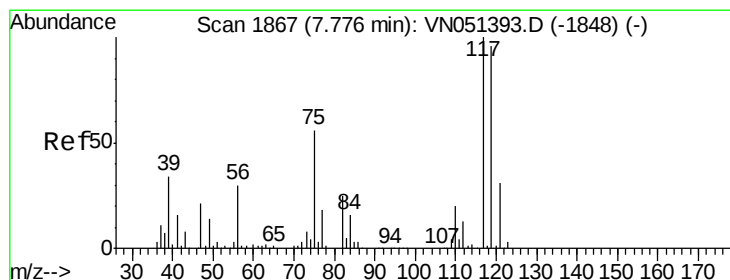
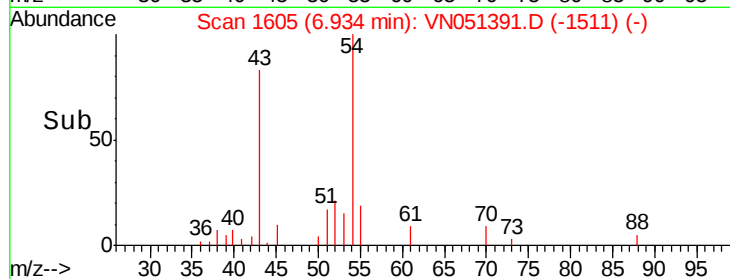
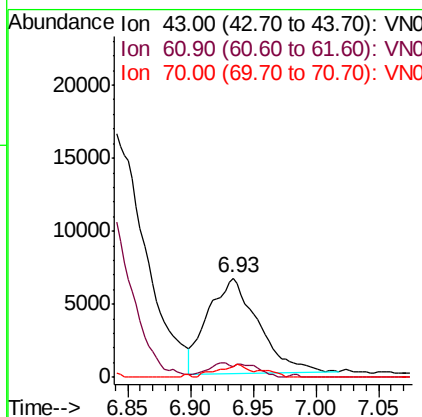
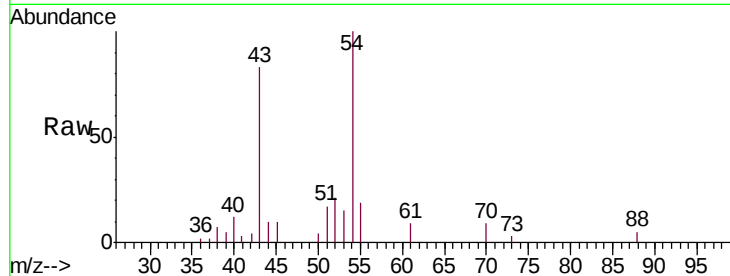
#37
Ethyl Acetate
Concen: 3.998 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN051391.D
Acq: 22 Sep 2018 12:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.5	17.3#
70	8.0	7.9	11.9

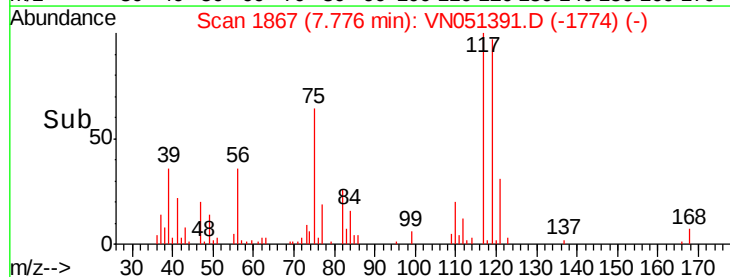
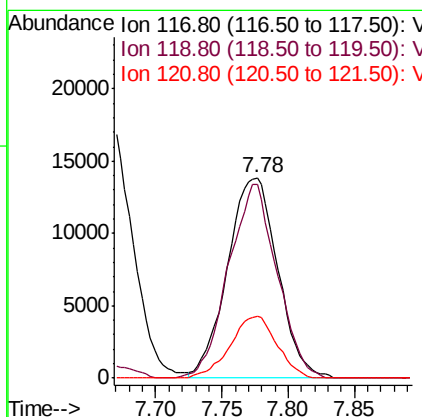
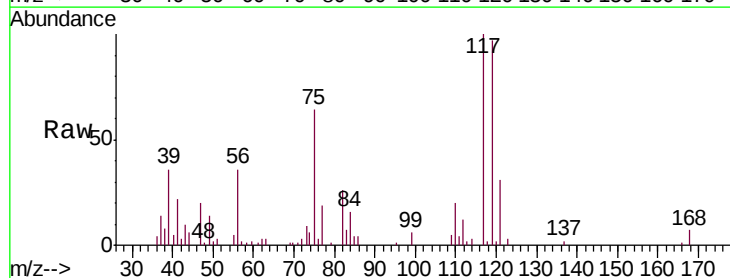
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#38
Carbon Tetrachloride
Concen: 4.387 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN051391.D
Acq: 22 Sep 2018 12:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.9	115.3
121	30.7	24.6	37.0





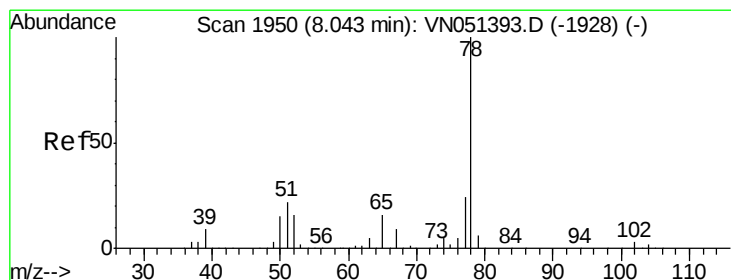
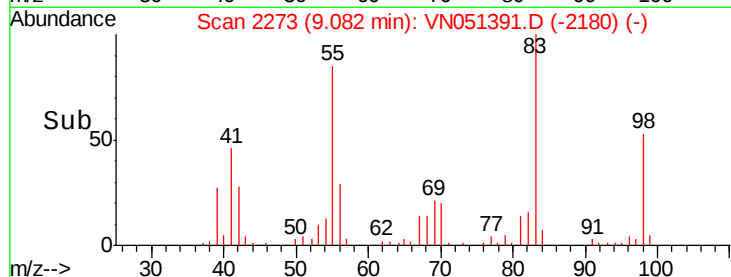
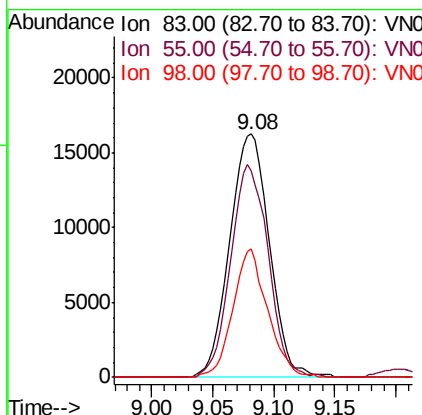
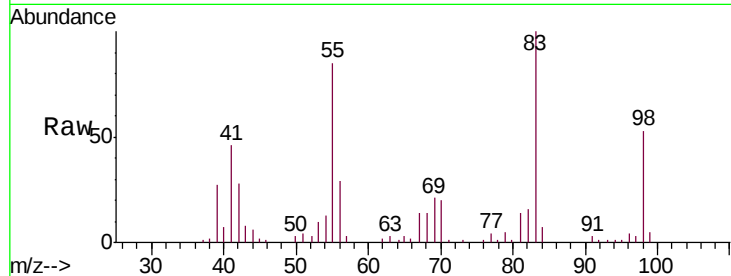
#39
Methylcyclohexane
Concen: 3.961 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN051391.D
Acq: 22 Sep 2018 12:18

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
83	100		
55	84.6	61.0	91.4
98	53.0	35.6	53.4

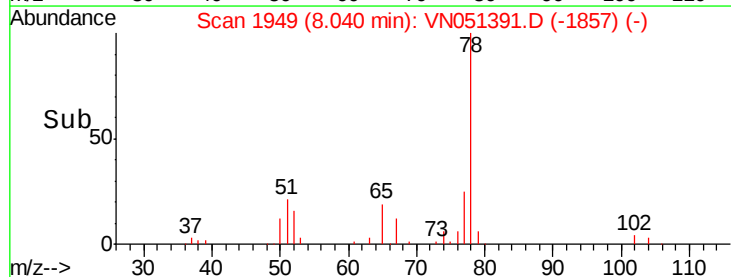
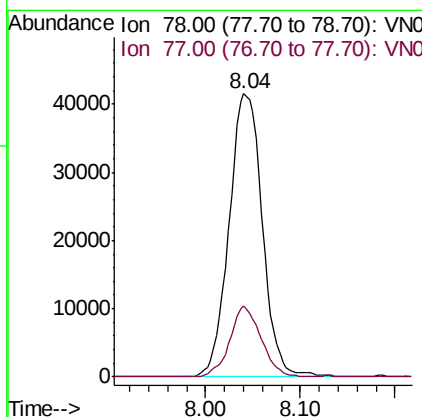
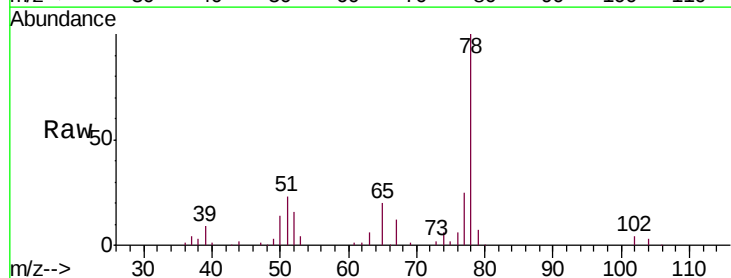
Manual Integrations
APPROVED

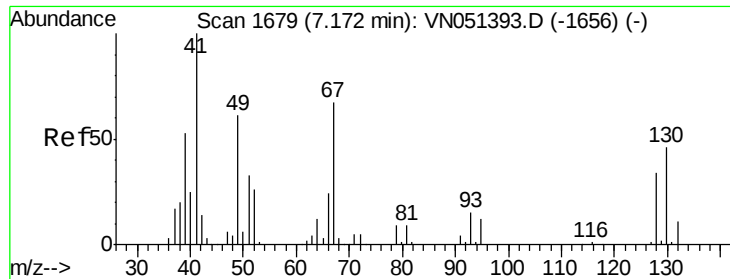
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#40
Benzene
Concen: 4.362 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN051391.D
Acq: 22 Sep 2018 12:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.0	19.2	28.8





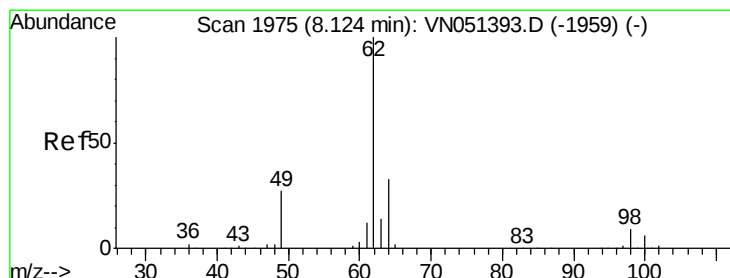
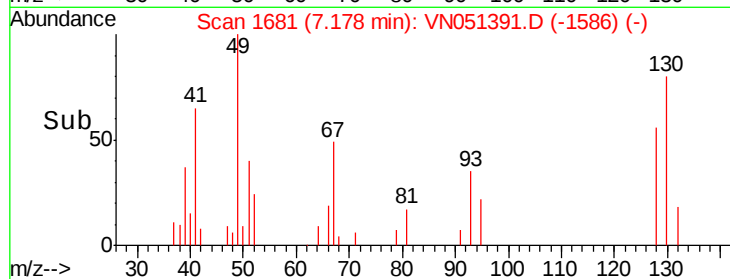
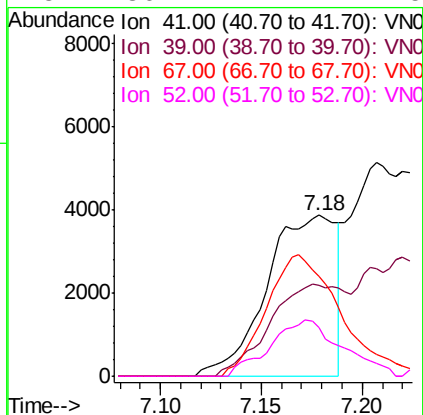
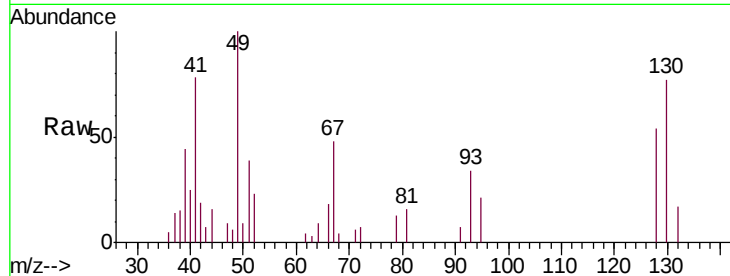
#41
Methacrylonitrile
Concen: 3.669 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VN051391.D
Acq: 22 Sep 2018 12:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:	41	Resp:	9257
Ion	Ratio	Lower	Upper
41	100		
39	62.9	51.4	77.2
67	81.0	66.8	100.2
52	36.2	27.7	41.5

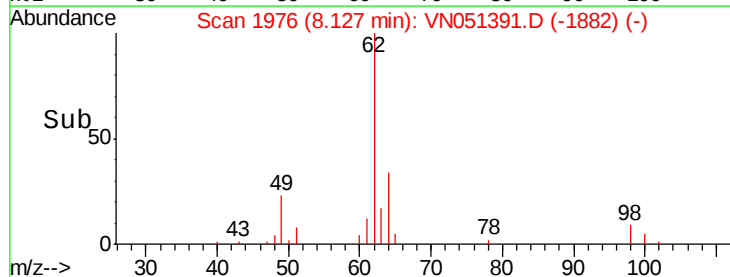
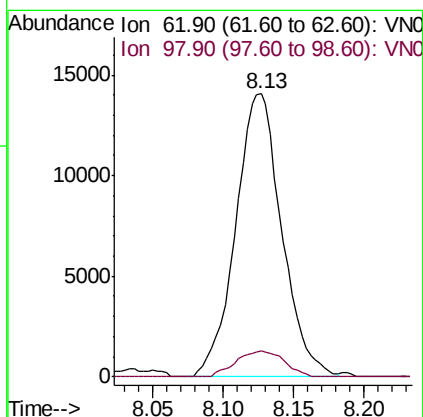
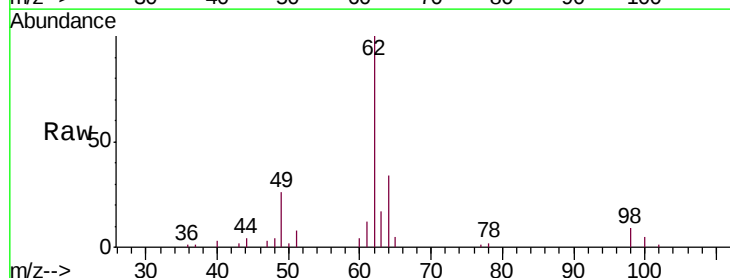
Manual Integrations
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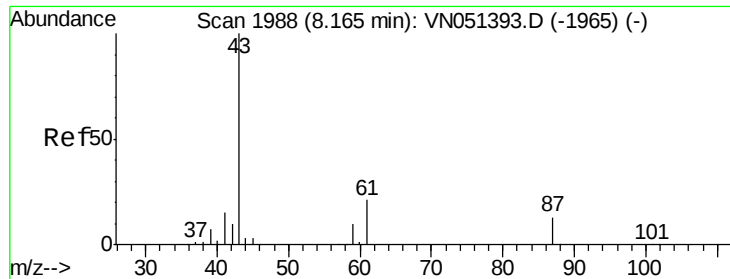
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#42
1,2-Dichloroethane
Concen: 4.304 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN051391.D
Acq: 22 Sep 2018 12:18

Tgt Ion:	62	Resp:	32100
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.6





#43

Isopropyl Acetate

Concen: 3.922 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN051391.D

Acq: 22 Sep 2018 12:18

Instrument :

MSVOA_N

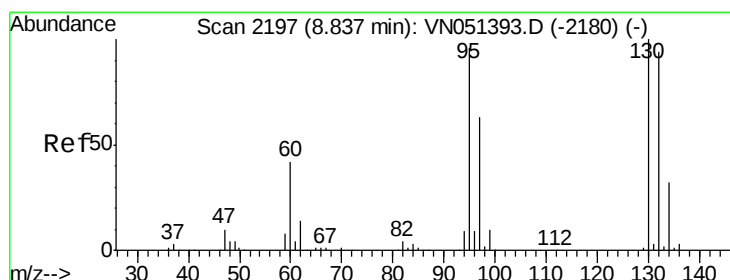
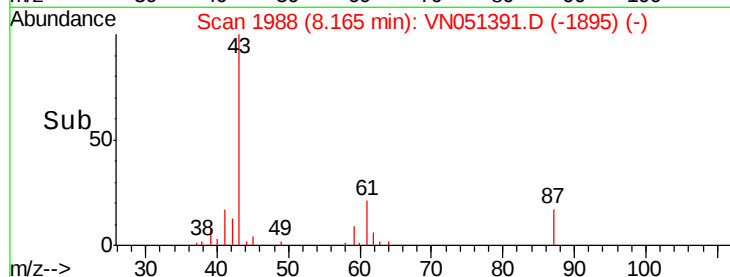
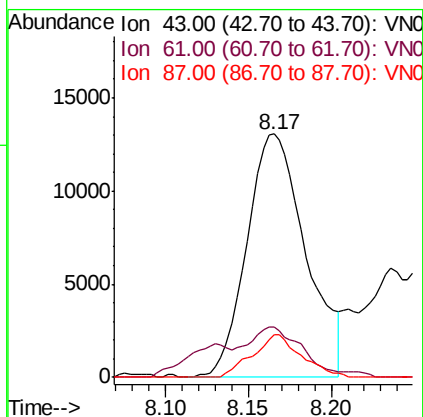
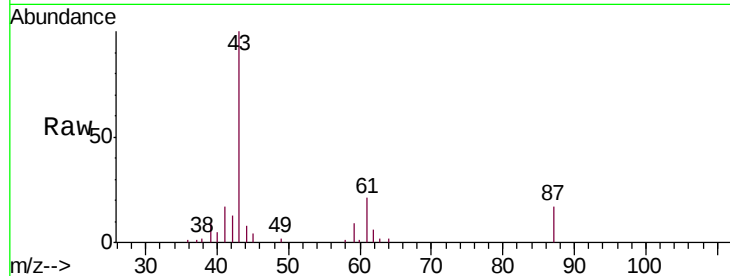
ClientSampleId :

VSTDIC005

Tgt Ion:	43	Resp:	32346
Ion	Ratio	Lower	Upper
43	100		
61	18.4	16.8	25.2
87	14.5	10.7	16.1

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#44

Trichloroethene

Concen: 4.328 ug/l

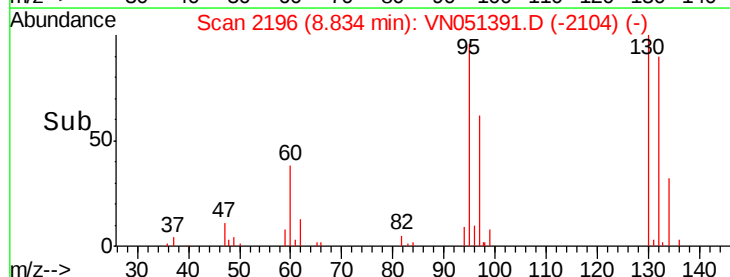
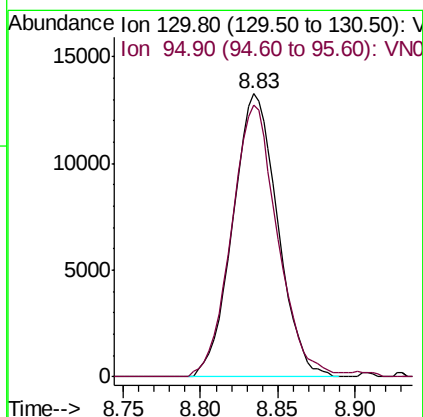
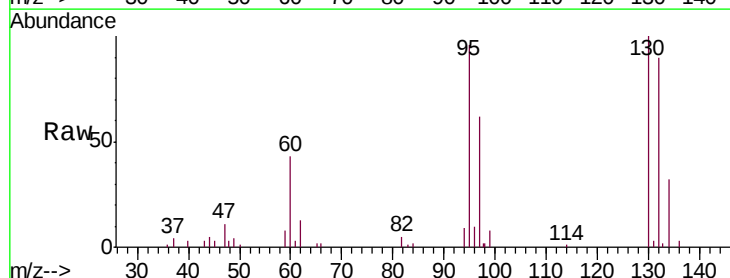
RT: 8.83 min Scan# 2196

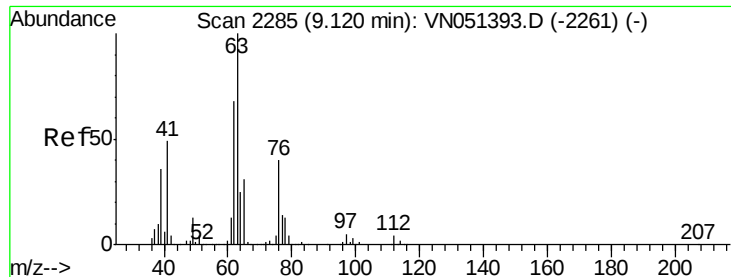
Delta R.T. -0.00 min

Lab File: VN051391.D

Acq: 22 Sep 2018 12:18

Tgt Ion:	130	Resp:	26771
Ion	Ratio	Lower	Upper
130	100		
95	96.0	0.0	192.2





#45

1,2-Dichloropropane

Concen: 4.341 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN051391.D

Acq: 22 Sep 2018 12:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 27482

Ion Ratio Lower Upper

63 100

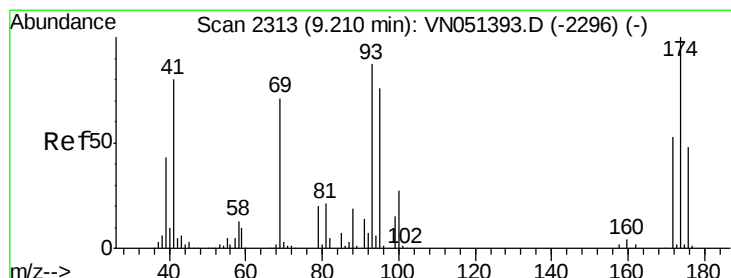
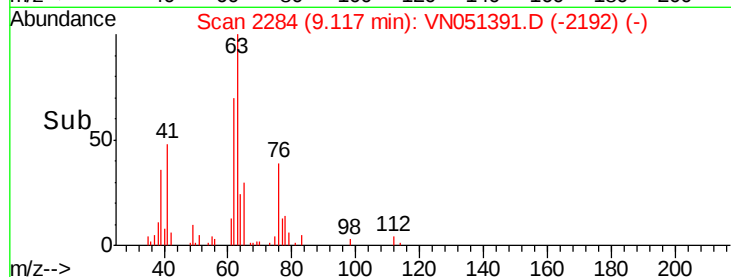
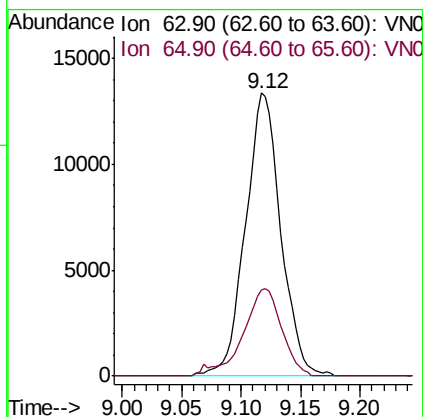
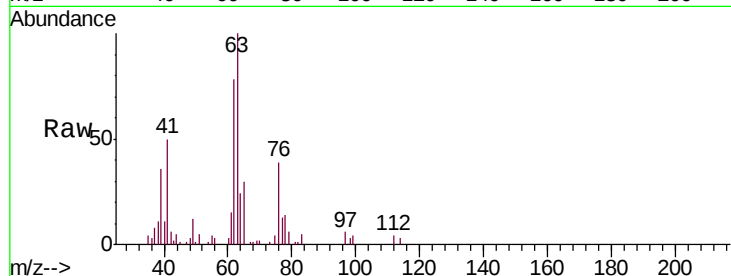
65 30.4 24.9 37.3

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#46

Dibromomethane

Concen: 4.389 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN051391.D

Acq: 22 Sep 2018 12:18

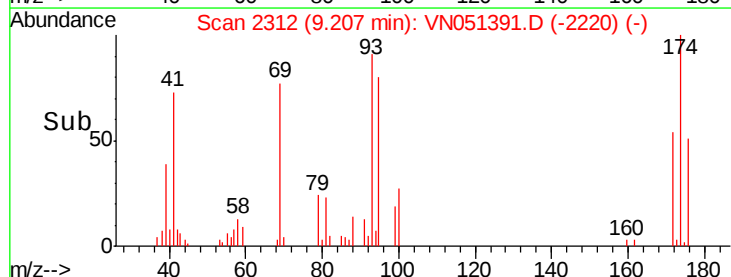
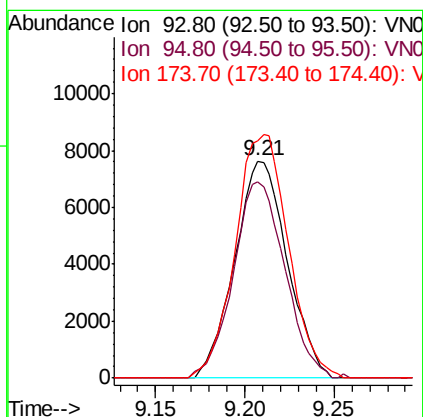
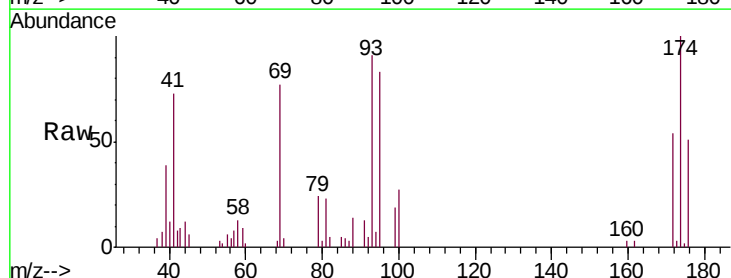
Tgt Ion: 93 Resp: 15701

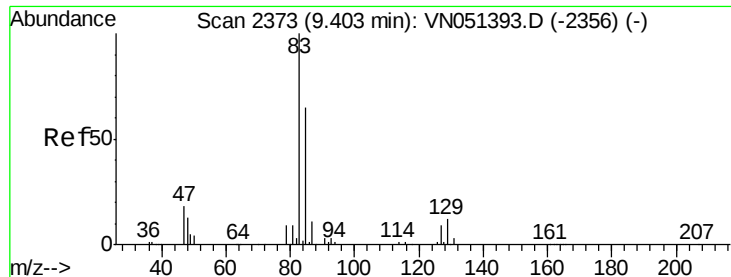
Ion Ratio Lower Upper

93 100

95 88.6 67.6 101.4

174 113.5 89.6 134.4





#47

Bromodichloromethane

Concen: 4.220 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN051391.D

Acq: 22 Sep 2018 12:18

Instrument :

MSVOA_N

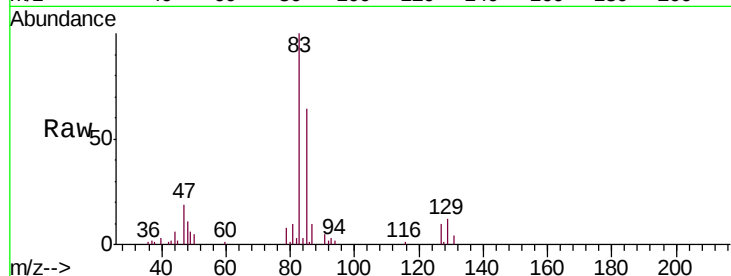
ClientSampleId :

VSTDIC005

Tgt Ion:	83	Resp:	33402
Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.8	77.6
127	9.8	7.4	11.2

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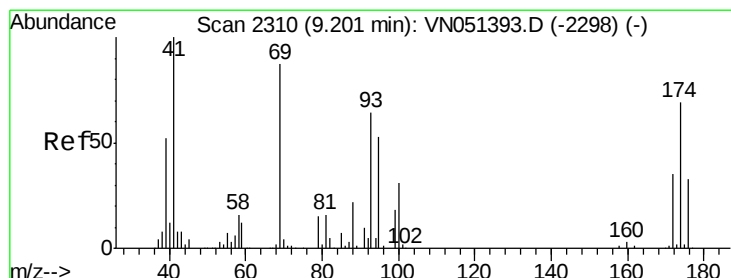
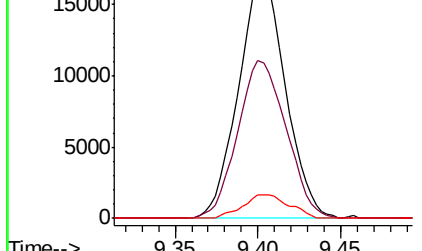
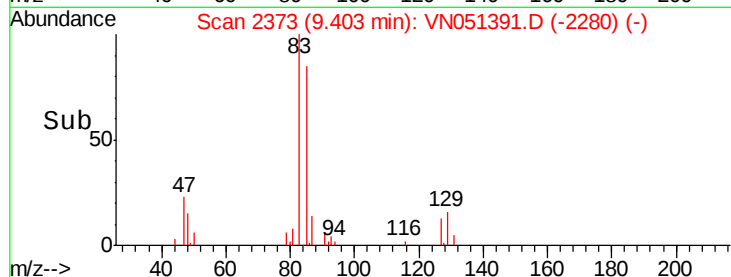


Abundance Ion 82.90 (82.60 to 83.60): VN051391.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN051391.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN051391.D (-2280) (-)

Time-->



#48

Methyl methacrylate

Concen: 3.531 ug/l

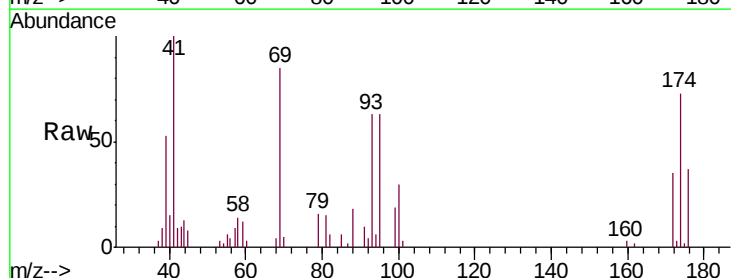
RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN051391.D

Acq: 22 Sep 2018 12:18

Tgt Ion:	41	Resp:	14516
Ion	Ratio	Lower	Upper
41	100		
69	101.2	70.4	105.6
39	52.4	43.8	65.8

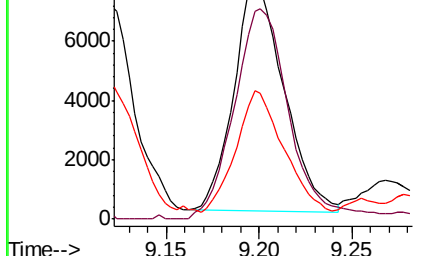
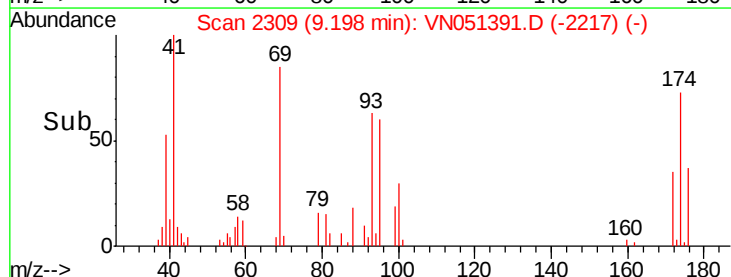


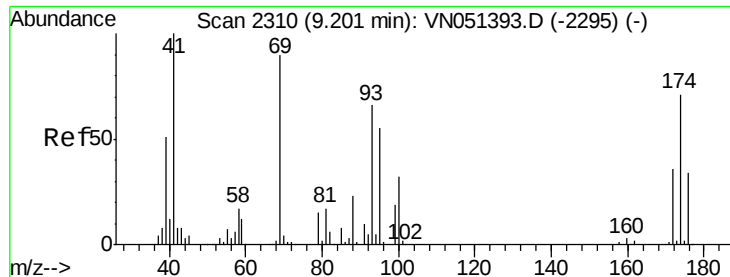
Abundance Ion 41.00 (40.70 to 41.70): VN051391.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN051391.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN051391.D (-2217) (-)

Time-->





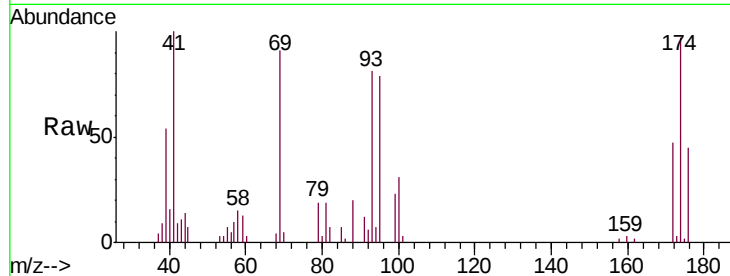
#49
 1,4-Dioxane
 Concen: 63.090 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN051391.D
 Acq: 22 Sep 2018 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

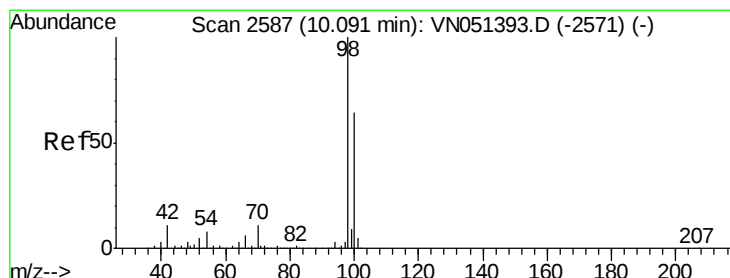
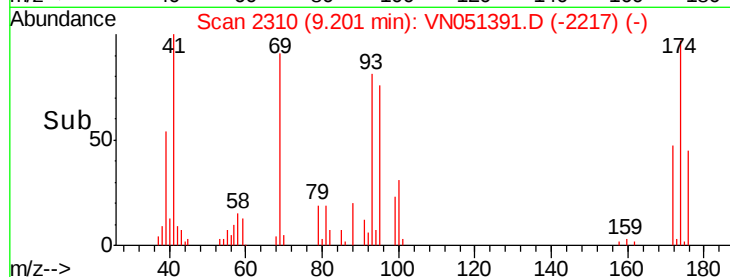
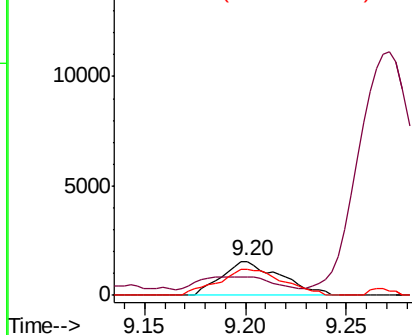
Tgt Ion	Ratio	Lower	Upper
88	100		
43	42.5	25.9	38.9#
58	83.4	57.0	85.4

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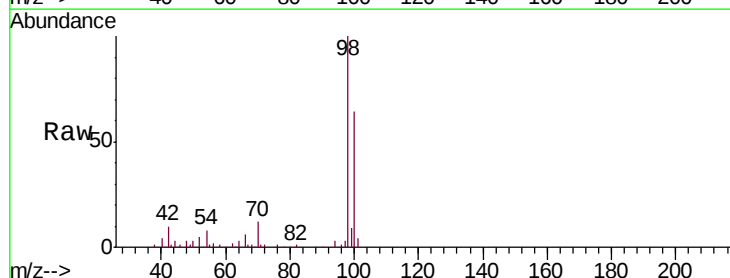


Abundance Ion 88.00 (87.70 to 88.70): VN0
 15000 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

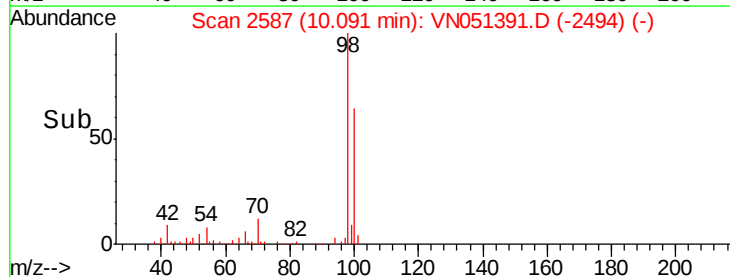
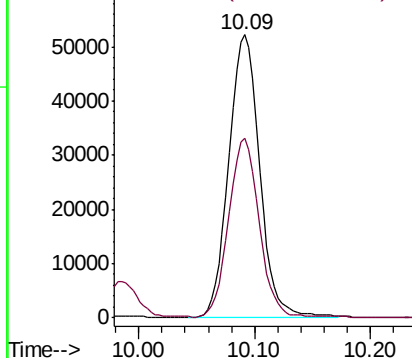


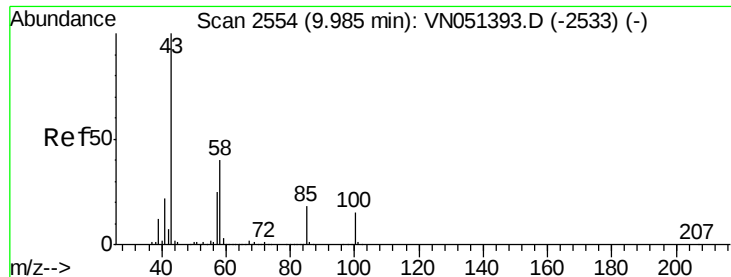
#50
 Toluene-d8
 Concen: 4.685 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN051391.D
 Acq: 22 Sep 2018 12:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.7	50.6	75.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
 60000 Ion 100.00 (99.70 to 100.70): VN0





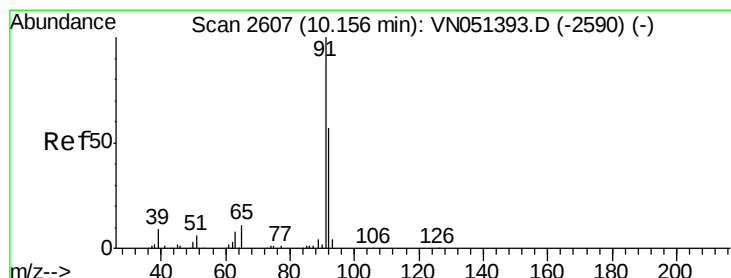
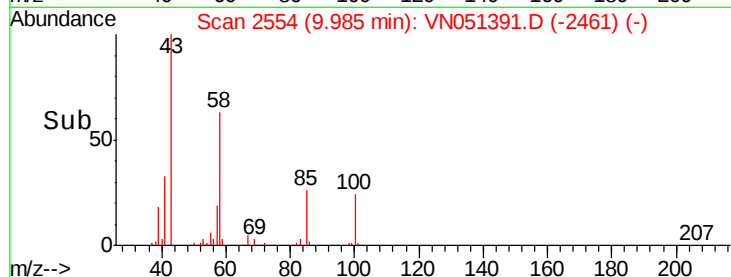
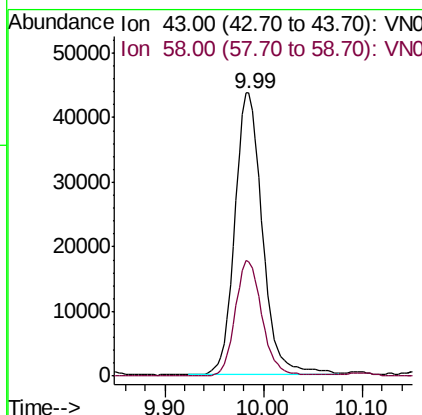
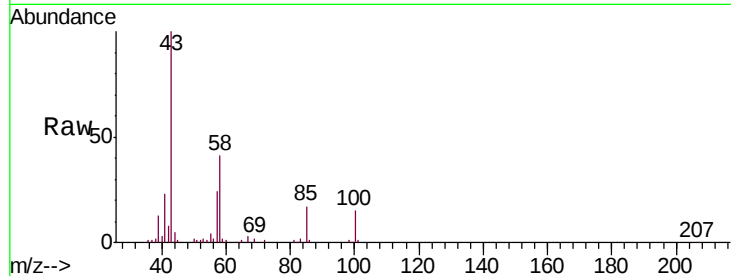
#51
 4-Methyl-2-Pentanone
 Concen: 18.723 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN051391.D
 Acq: 22 Sep 2018 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.7	31.5	47.3

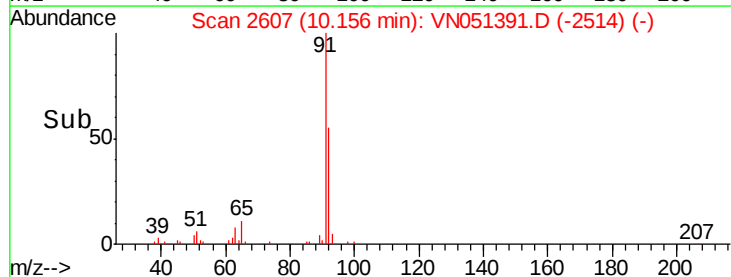
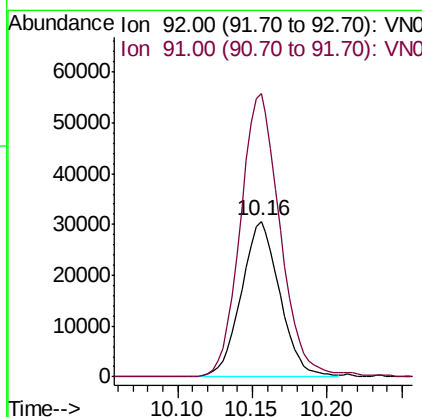
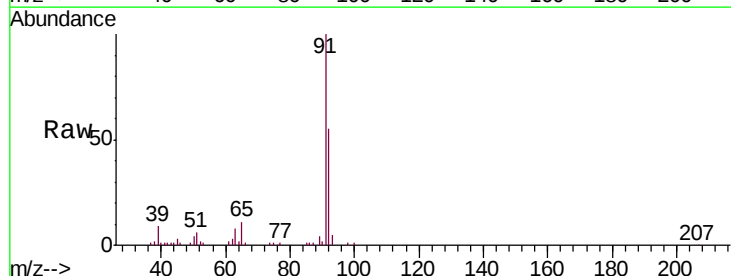
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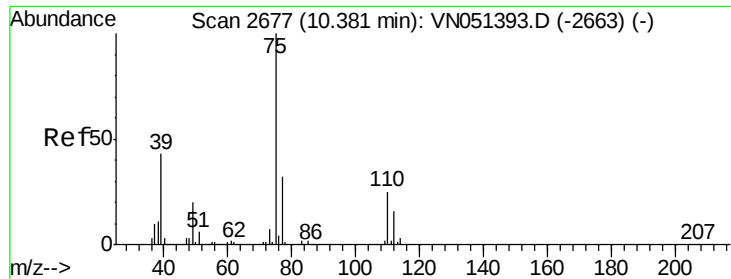
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#52
 Toluene
 Concen: 3.800 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN051391.D
 Acq: 22 Sep 2018 12:18

Tgt Ion	Ratio	Lower	Upper
92	100		
91	186.4	142.2	213.4





#53

t-1,3-Dichloropropene

Concen: 3.743 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN051391.D

Acq: 22 Sep 2018 12:18

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

Tgt Ion: 75 Resp: 29910

Ion Ratio Lower Upper

75 100

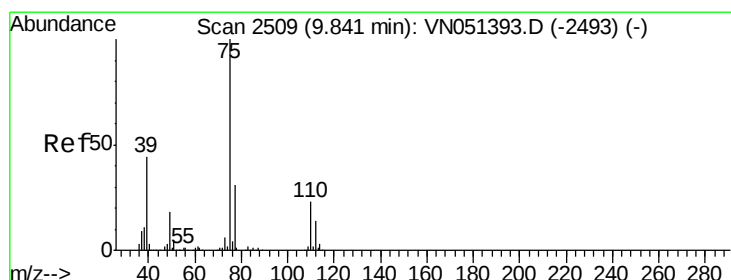
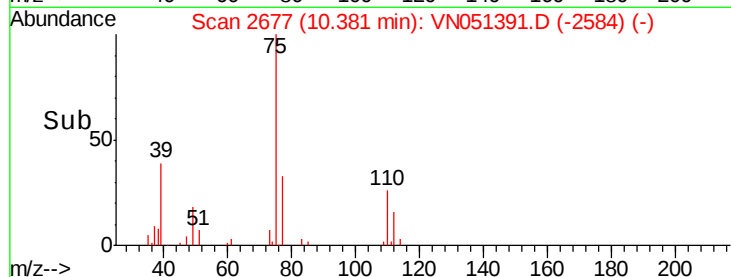
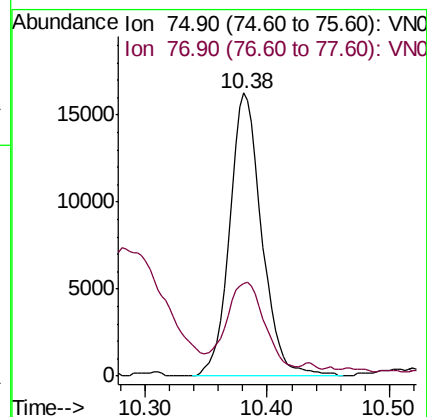
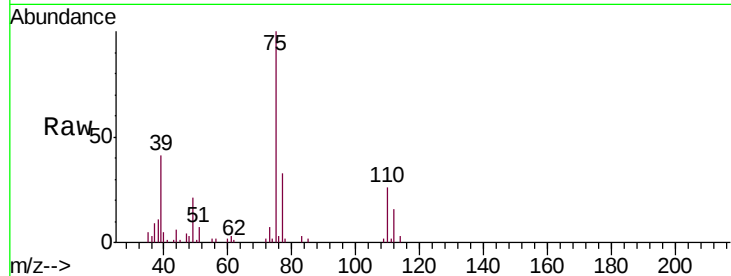
77 30.3 25.8 38.8

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 3.825 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN051391.D

Acq: 22 Sep 2018 12:18

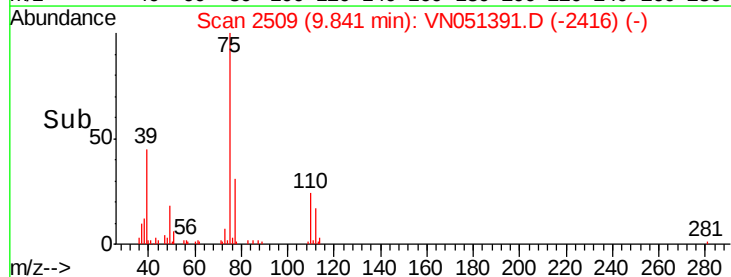
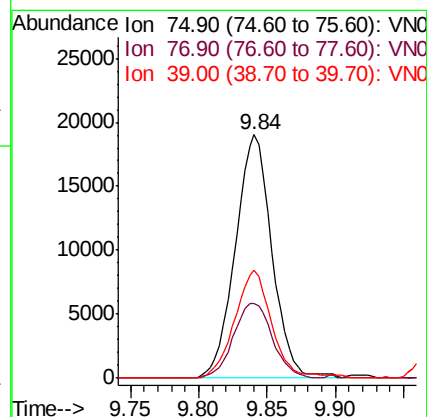
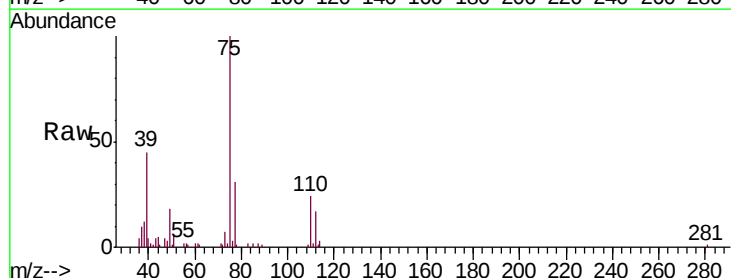
Tgt Ion: 75 Resp: 35451

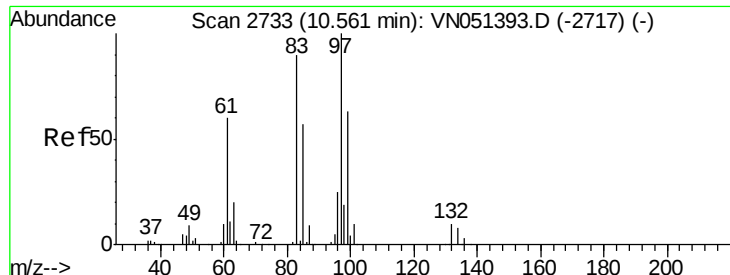
Ion Ratio Lower Upper

75 100

77 30.6 25.2 37.8

39 44.6 35.4 53.2





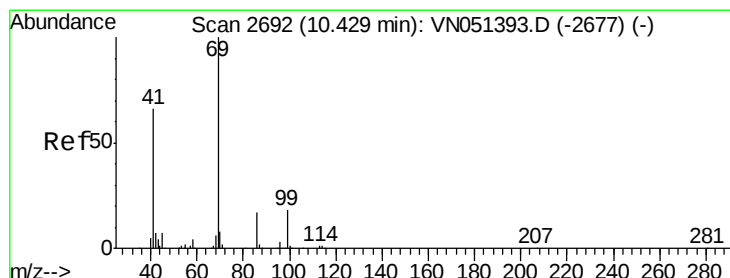
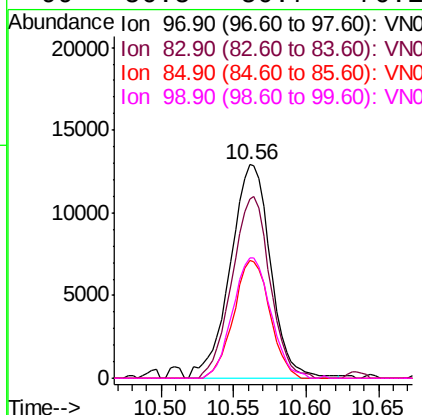
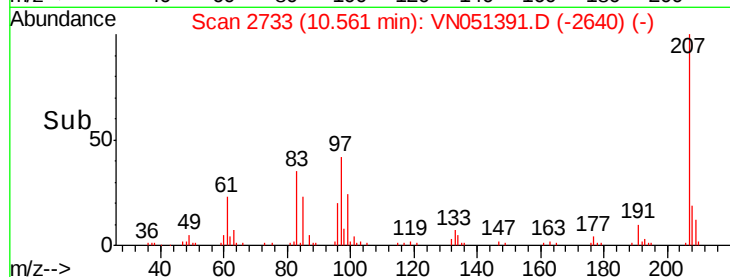
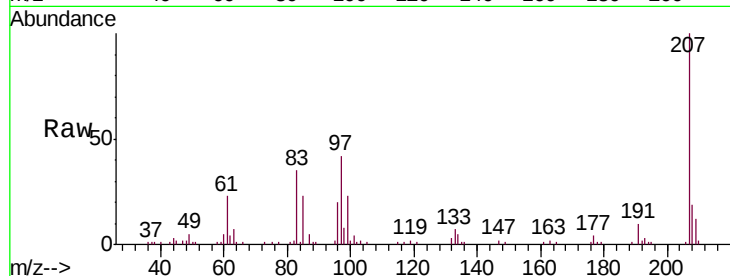
#55
 1,1,2-Trichloroethane
 Concen: 4.881 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN051391.D
 Acq: 22 Sep 2018 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.2	72.0	108.0
85	55.4	45.2	67.8
99	56.5	50.7	76.1

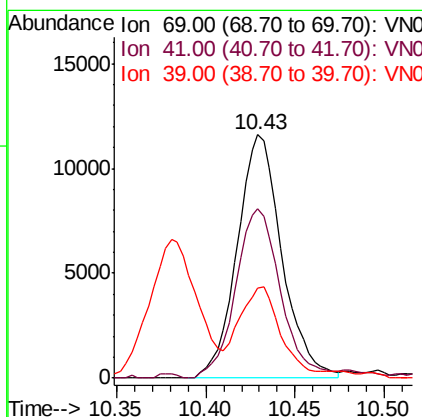
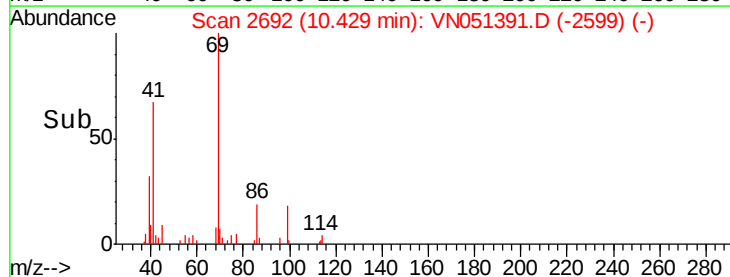
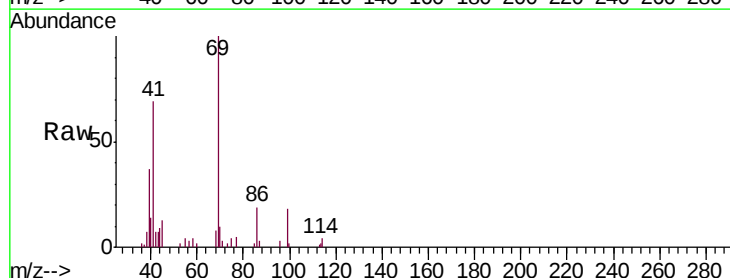
Manual Integrations
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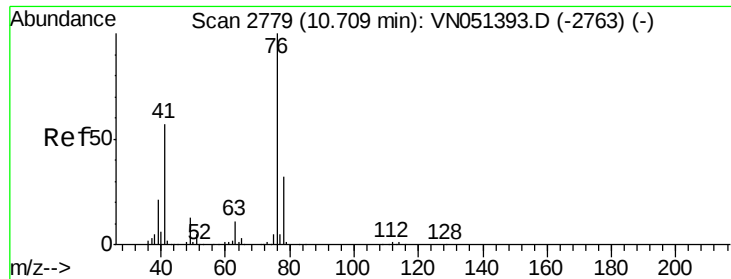
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#56
 Ethyl methacrylate
 Concen: 3.247 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN051391.D
 Acq: 22 Sep 2018 12:18

Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.9	52.4	78.6
39	33.4	26.3	39.5





#57

1,3-Dichloropropane

Concen: 4.031 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN051391.D

Acq: 22 Sep 2018 12:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 35343

Ion Ratio Lower Upper

76 100

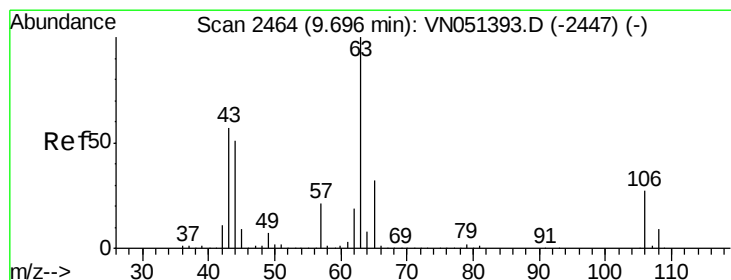
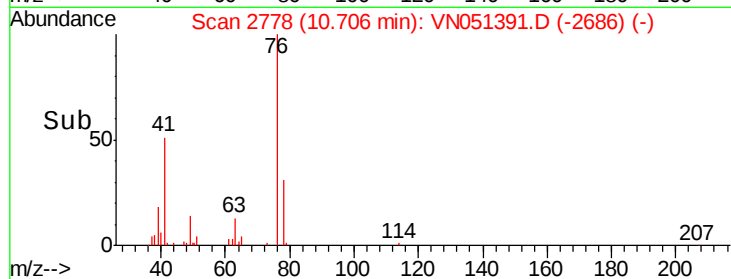
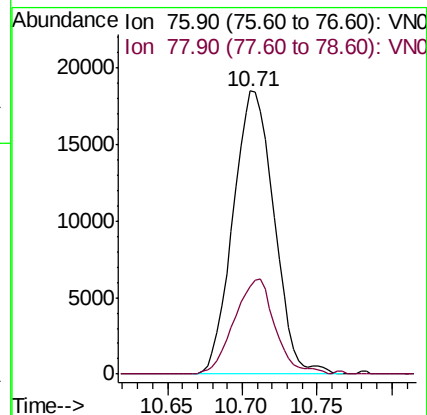
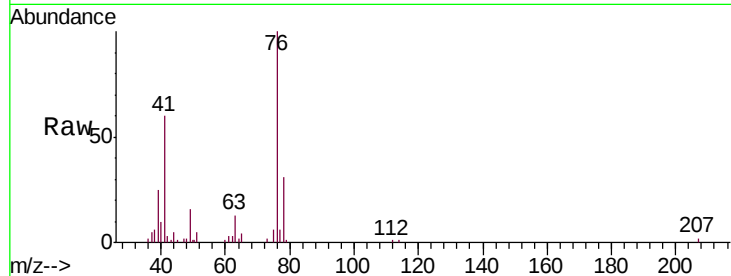
78 33.4 25.5 38.3

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 36.557 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN051391.D

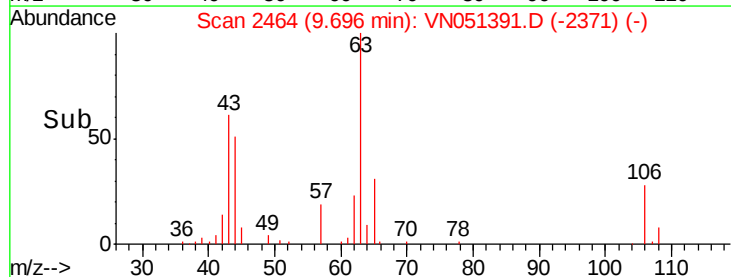
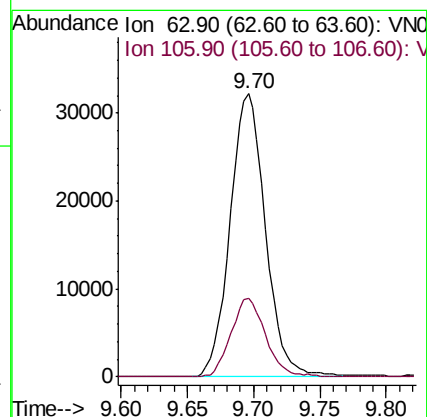
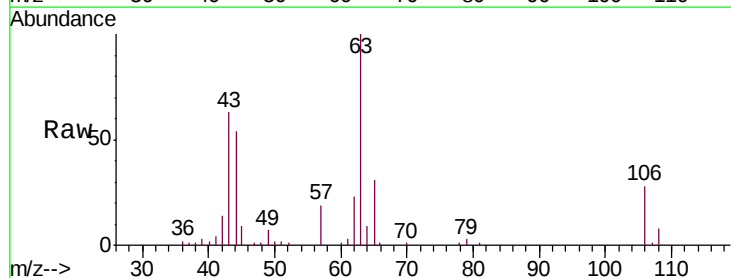
Acq: 22 Sep 2018 12:18

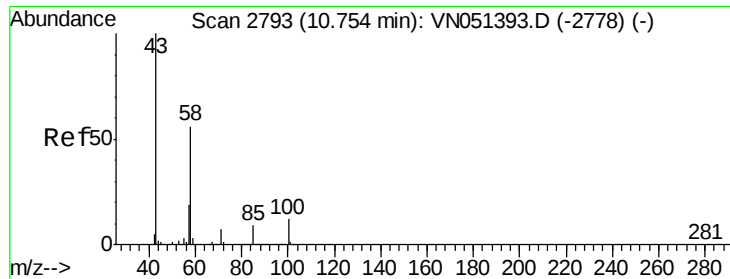
Tgt Ion: 63 Resp: 59648

Ion Ratio Lower Upper

63 100

106 27.0 21.4 32.2





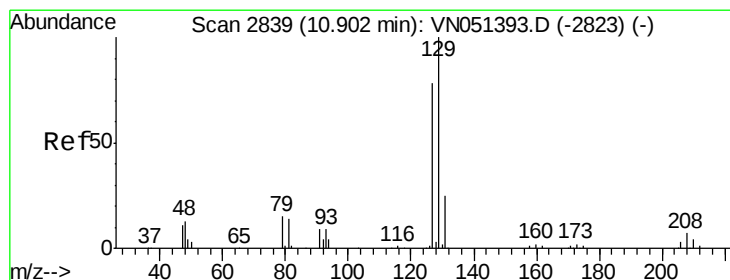
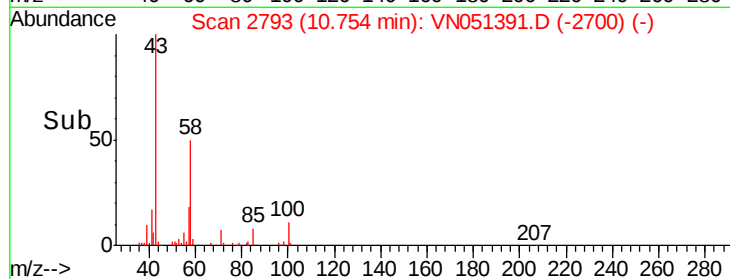
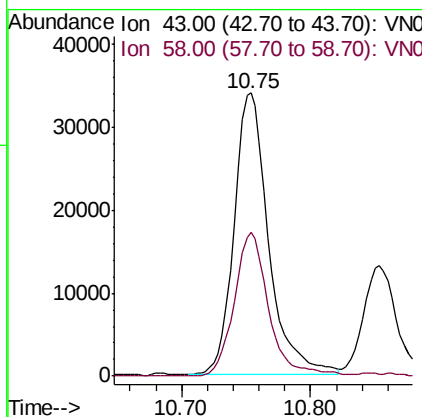
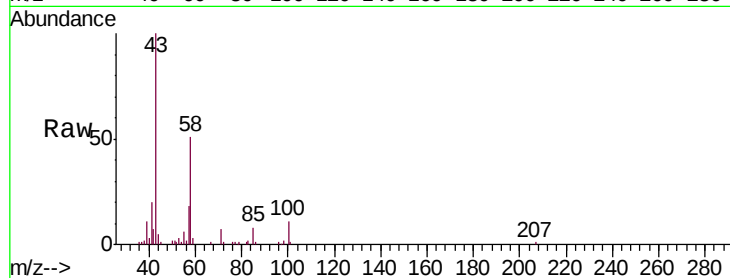
#59
2-Hexanone
Concen: 21.506 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN051391.D
Acq: 22 Sep 2018 12:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 63228
Ion Ratio Lower Upper
43 100
58 50.8 27.7 83.0

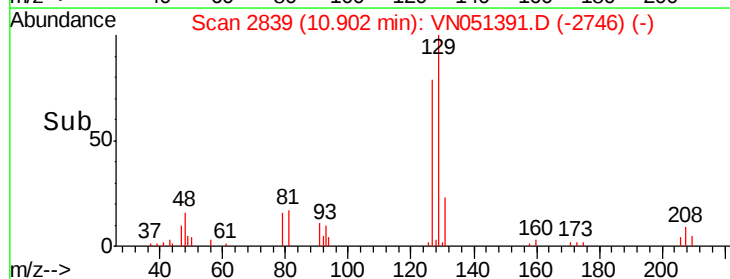
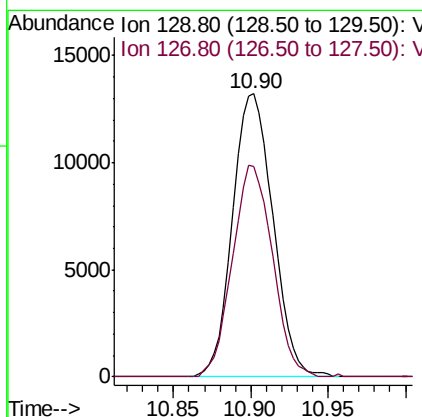
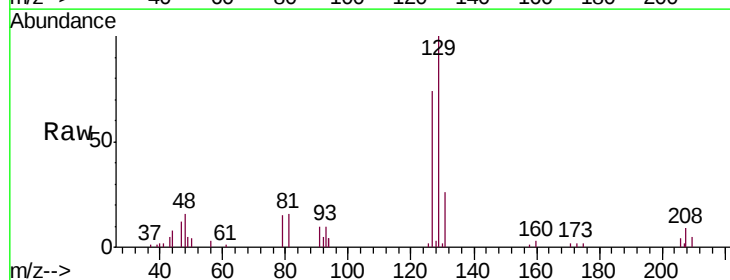
Manual Integrations
APPROVED

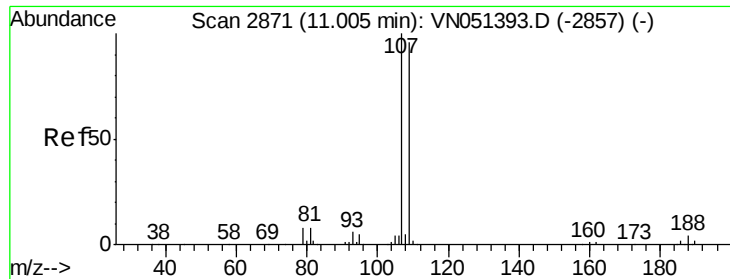
MMDadoda
9/24/2018 2:15:18 PM



#60
Dibromochloromethane
Concen: 3.978 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN051391.D
Acq: 22 Sep 2018 12:18

Tgt Ion: 129 Resp: 24008
Ion Ratio Lower Upper
129 100
127 74.1 38.6 116.0





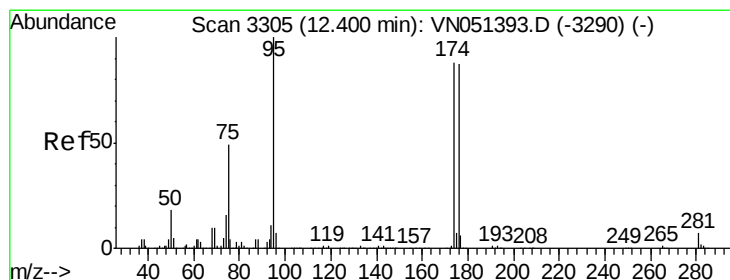
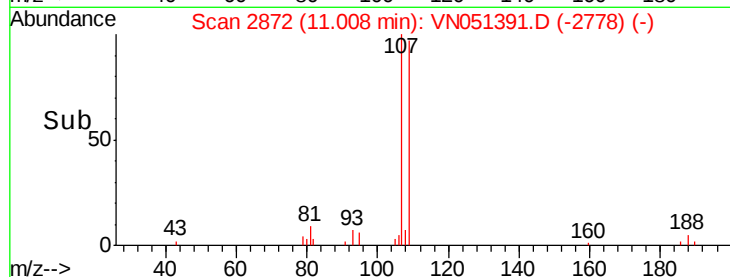
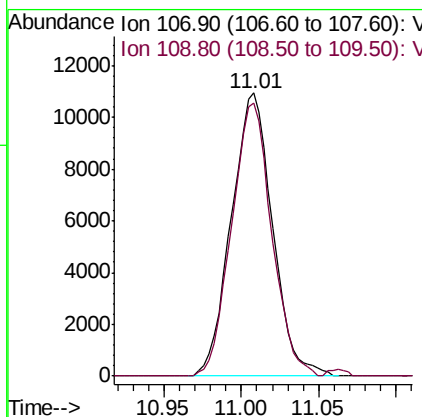
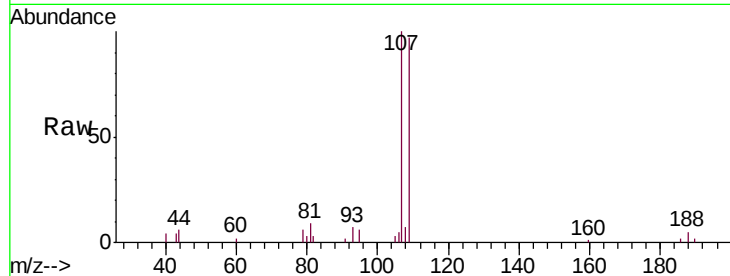
#61
 1,2-Dibromoethane
 Concen: 4.076 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN051391.D
 Acq: 22 Sep 2018 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
107	100		
109	93.9	76.3	114.5

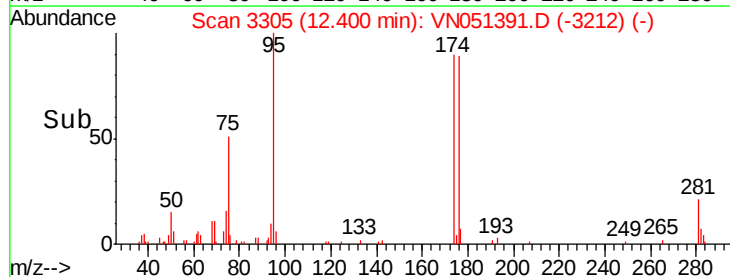
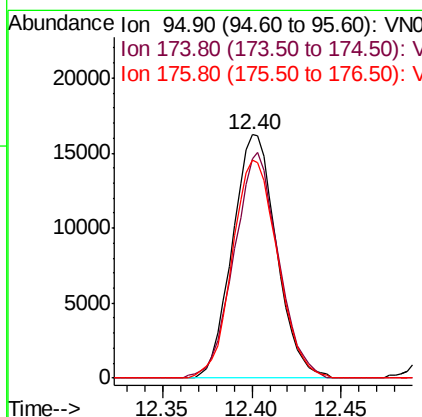
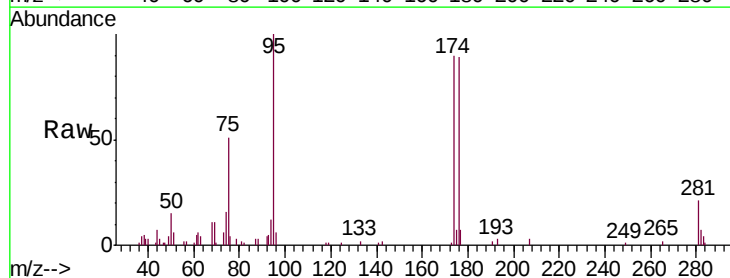
Manual Integrations
 APPROVED

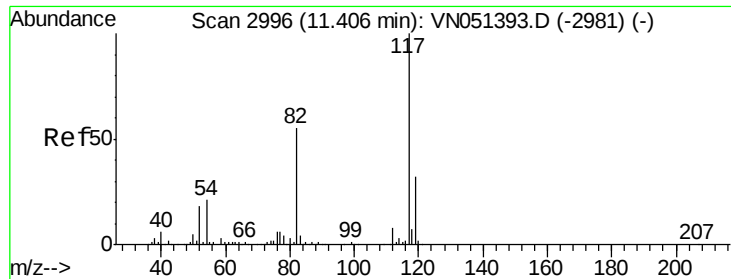
MMDadoda
 9/24/2018 2:15:18 PM



#62
 4-Bromofluorobenzene
 Concen: 4.173 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN051391.D
 Acq: 22 Sep 2018 12:18

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.0	0.0	181.6
176	92.4	0.0	176.4





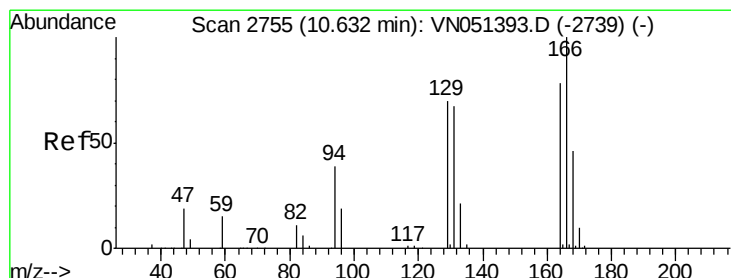
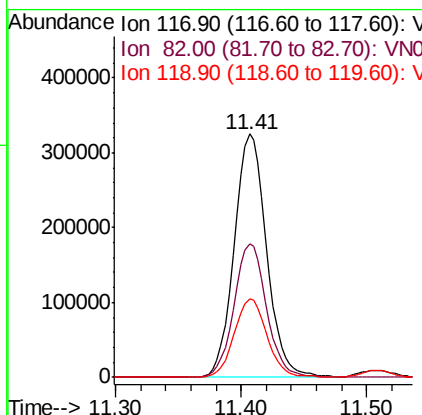
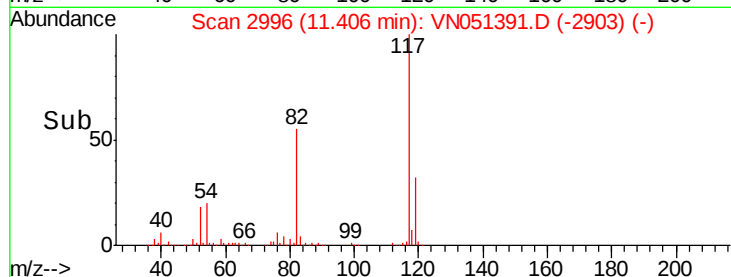
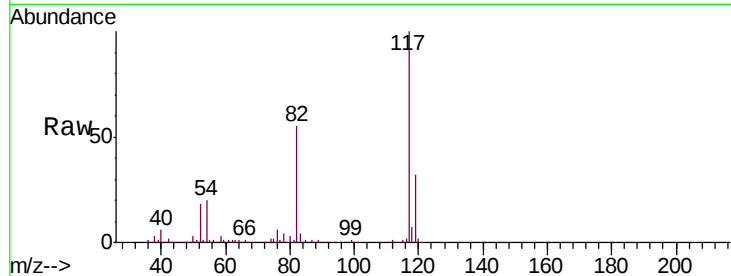
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051391.D
Acq: 22 Sep 2018 12:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	583171		
82	55.0	44.2	66.2	
119	32.5	25.9	38.9	

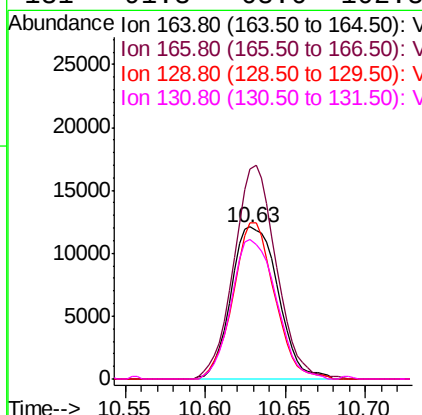
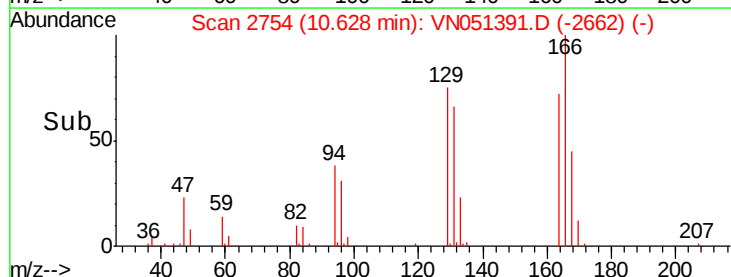
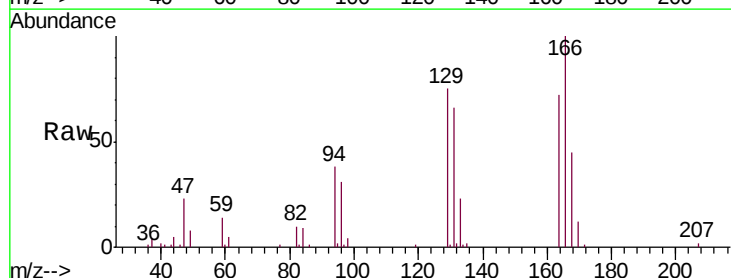
Manual Integrations
APPROVED

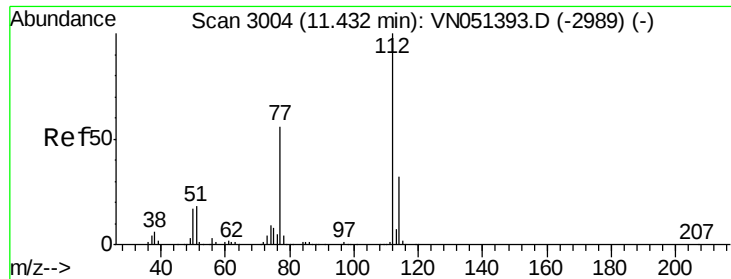
MMDadoda
9/24/2018 2:15:18 PM



#64
Tetrachloroethene
Concen: 4.593 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN051391.D
Acq: 22 Sep 2018 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	24310		
166	138.0	102.3	153.5	
129	102.9	71.8	107.8	
131	91.3	68.6	102.8	





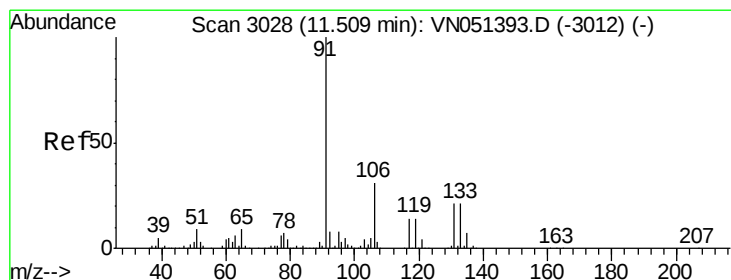
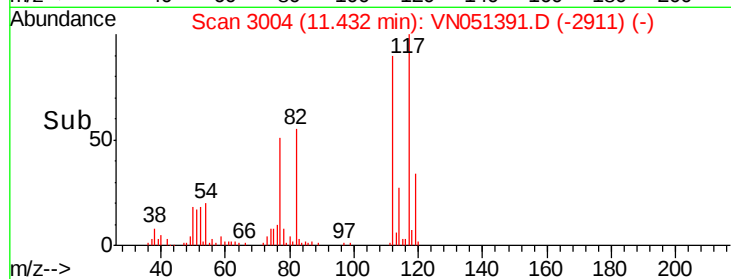
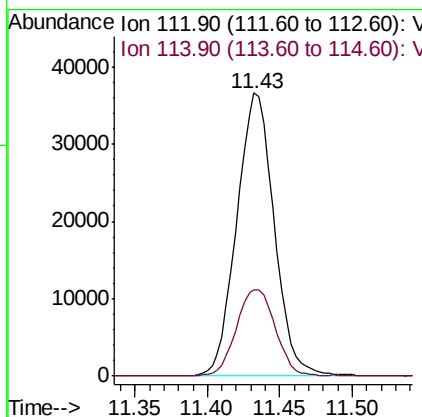
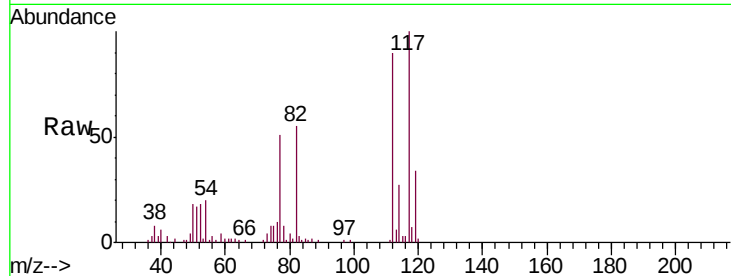
#65
Chlorobenzene
Concen: 4.402 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN051391.D
Acq: 22 Sep 2018 12:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 65858
Ion Ratio Lower Upper
112 100
114 30.5 25.4 38.2

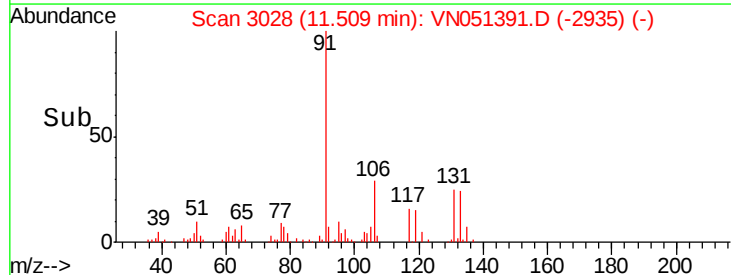
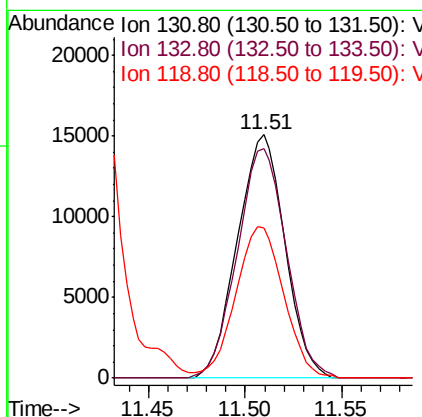
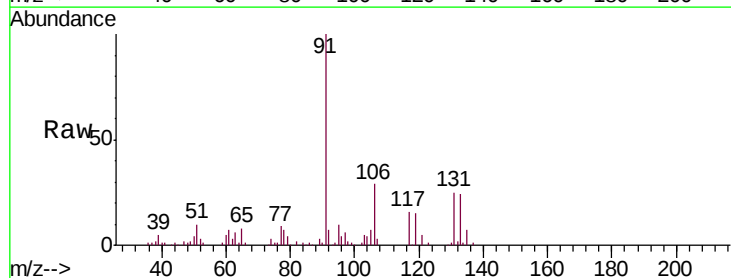
Manual Integrations
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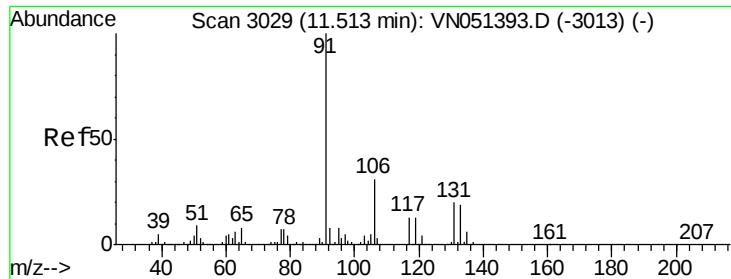
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 4.531 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051391.D
Acq: 22 Sep 2018 12:18

Tgt Ion:131 Resp: 25830
Ion Ratio Lower Upper
131 100
133 97.7 48.3 144.8
119 62.9 32.8 98.4





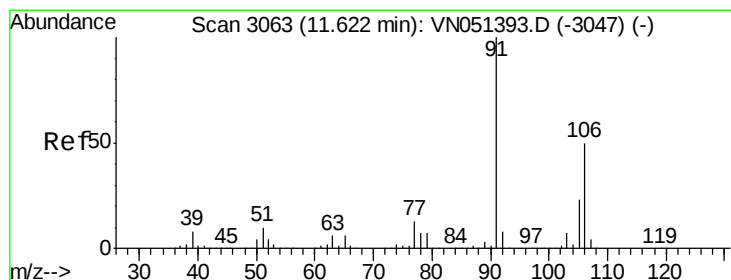
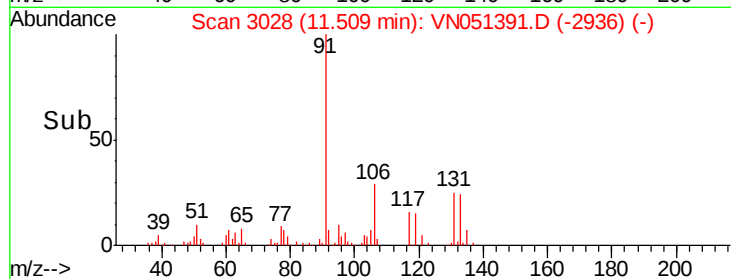
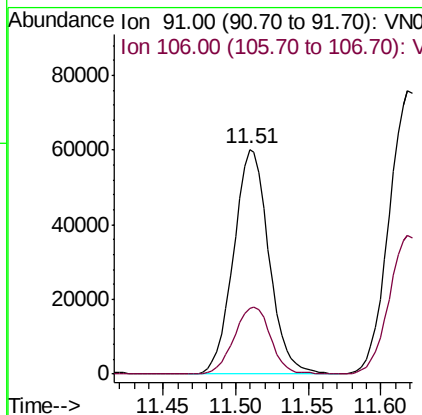
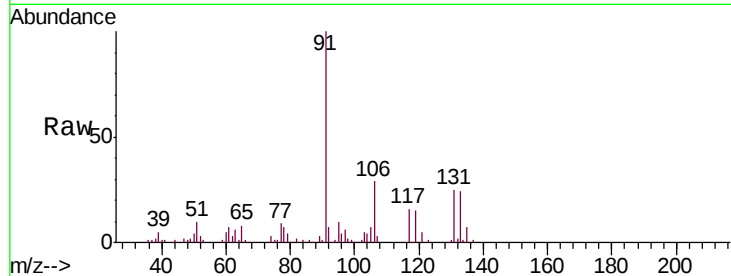
#67
Ethyl Benzene
Concen: 4.042 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051391.D
Acq: 22 Sep 2018 12:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 101921
Ion Ratio Lower Upper
91 100
106 29.2 25.0 37.4

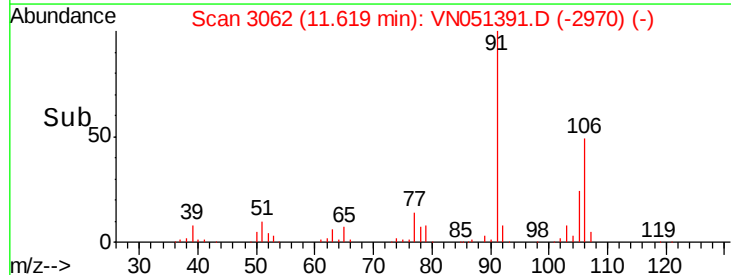
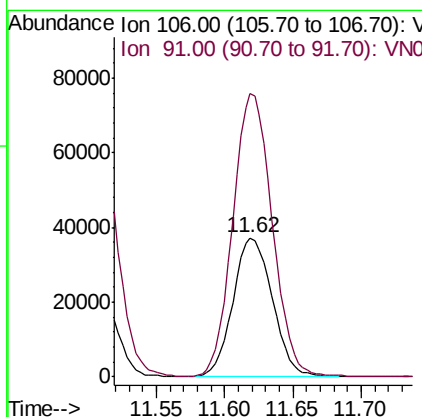
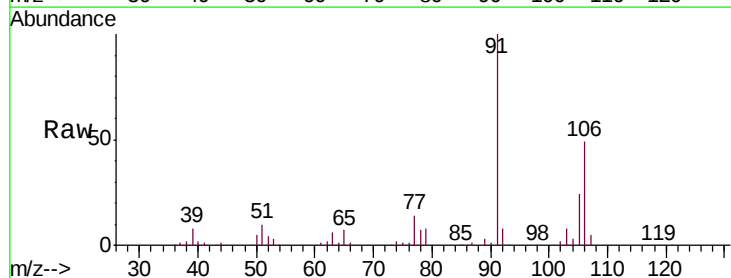
Manual Integrations
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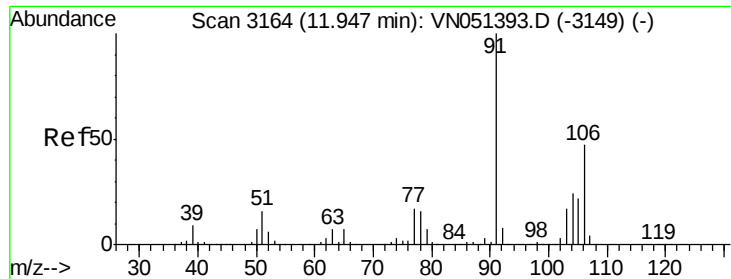
MMDadoda
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#68
m/p-Xylenes
Concen: 7.658 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN051391.D
Acq: 22 Sep 2018 12:18

Tgt Ion: 106 Resp: 74695
Ion Ratio Lower Upper
106 100
91 204.0 161.3 241.9





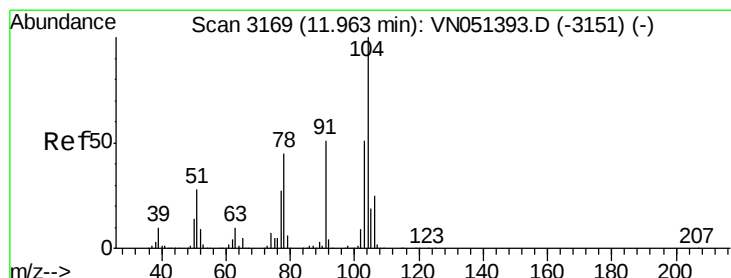
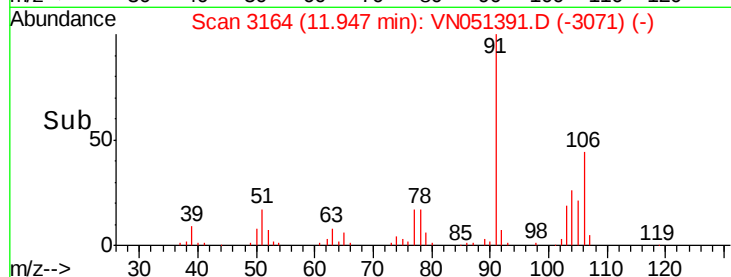
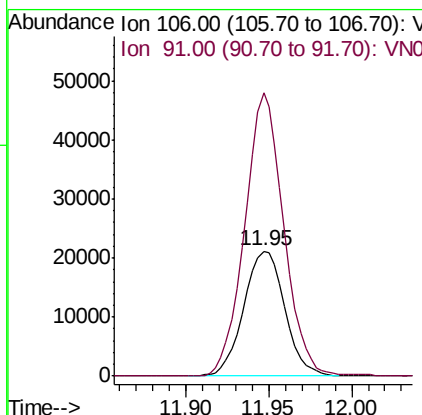
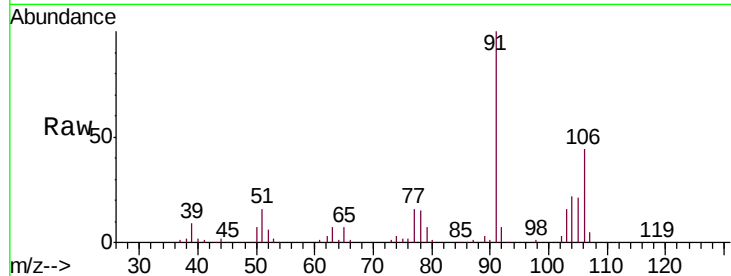
#69
o-Xylene
Concen: 3.892 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN051391.D
Acq: 22 Sep 2018 12:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 36494
Ion Ratio Lower Upper
106 100
91 214.6 105.3 315.9

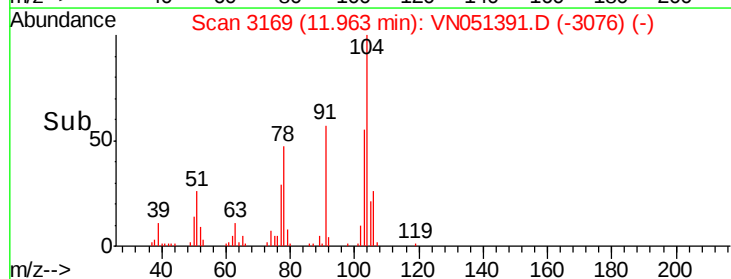
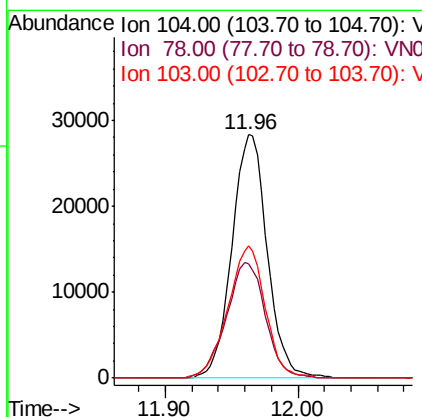
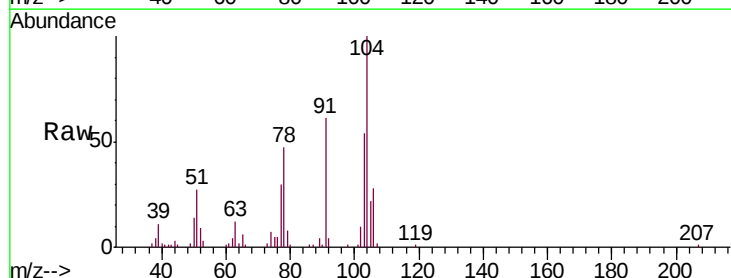
Manual Integrations
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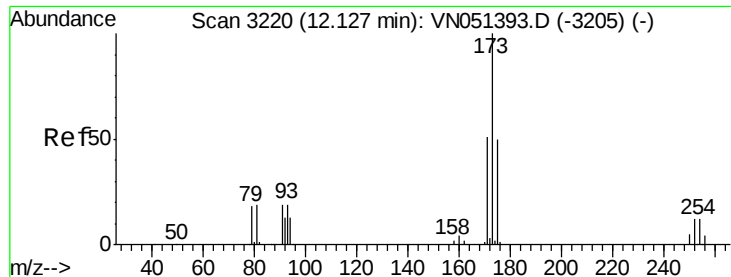
MMDadoda
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#70
Styrene
Concen: 3.526 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN051391.D
Acq: 22 Sep 2018 12:18

Tgt Ion:104 Resp: 52390
Ion Ratio Lower Upper
104 100
78 52.4 39.9 59.9
103 57.3 44.6 66.8





#71

Bromoform

Concen: 4.217 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN051391.D

Acq: 22 Sep 2018 12:18

Instrument :

MSVOA_N

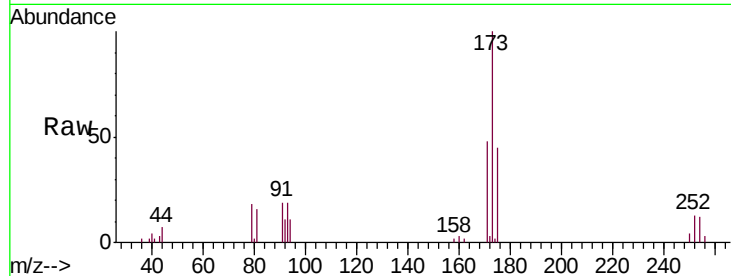
ClientSampleId :

VSTDIC005

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.6	24.8	74.3
254	0.0	0.2	0.2

Manual Integrations
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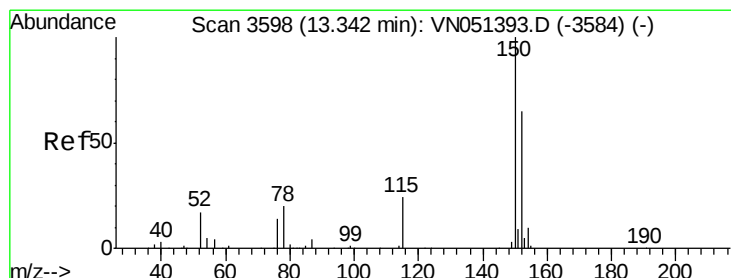
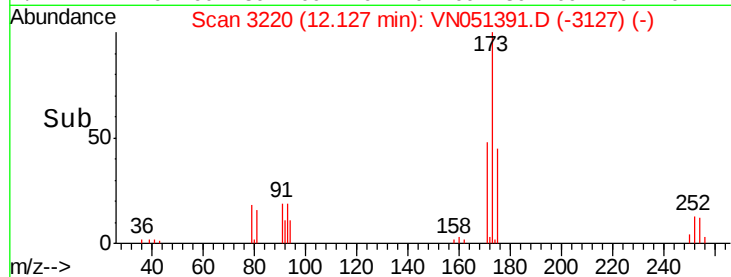
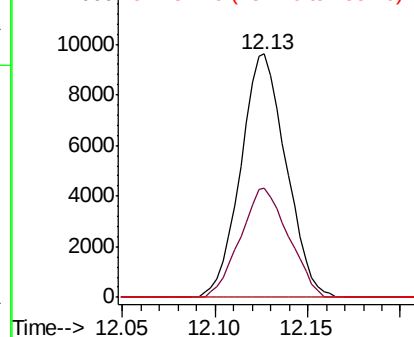


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

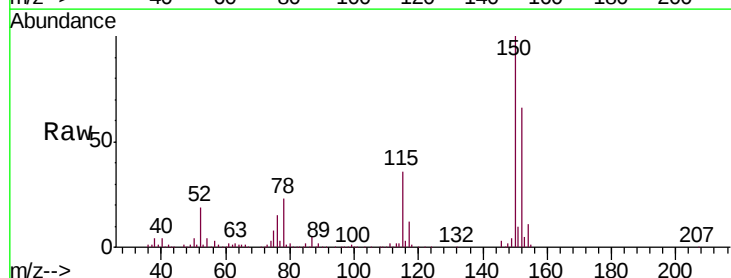
RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051391.D

Acq: 22 Sep 2018 12:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	28.3	84.9
150	156.2	0.0	353.6

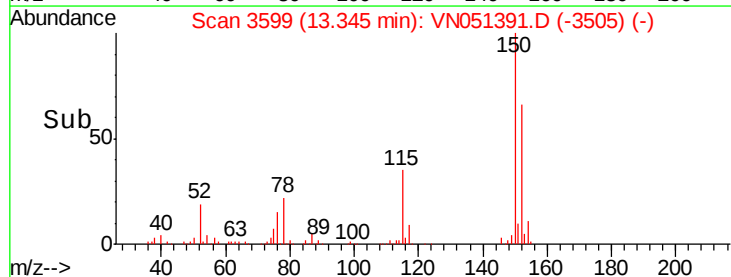
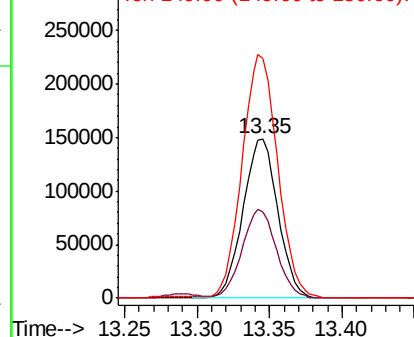


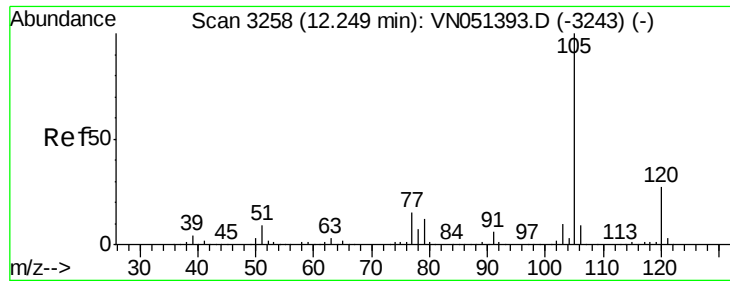
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 4.506 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051391.D

Acq: 22 Sep 2018 12:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 105 Resp: 94512

Ion Ratio Lower Upper

105 100

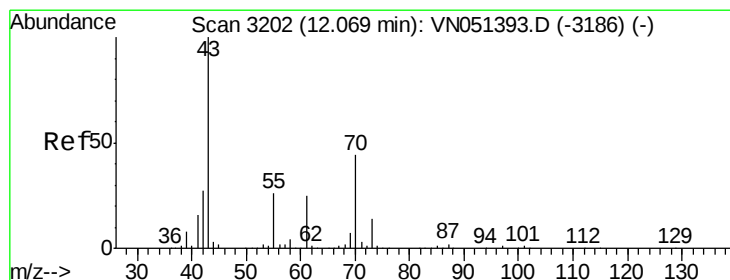
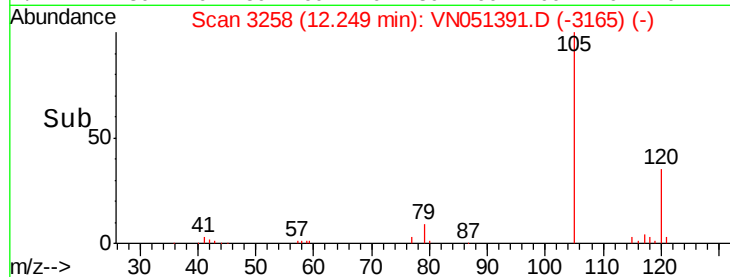
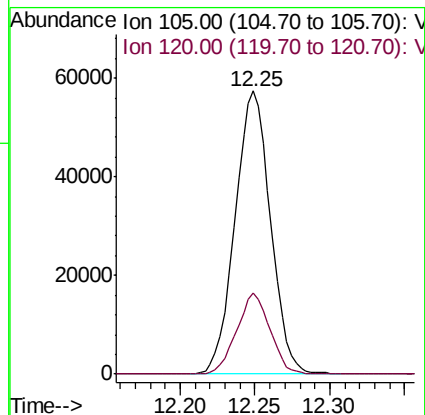
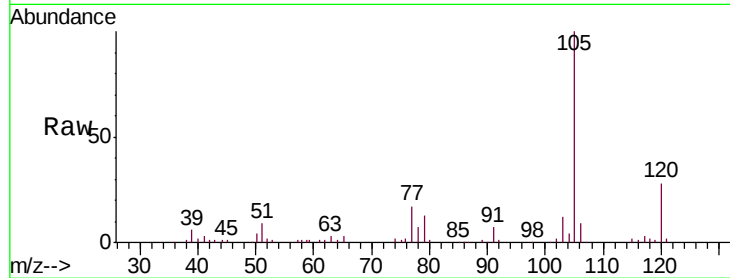
120 26.8 13.3 39.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 4.054 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN051391.D

Acq: 22 Sep 2018 12:18

Tgt Ion: 43 Resp: 21332

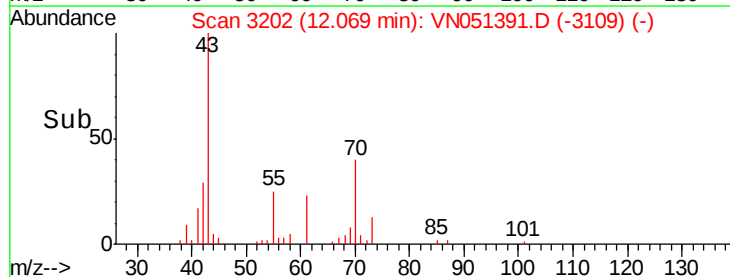
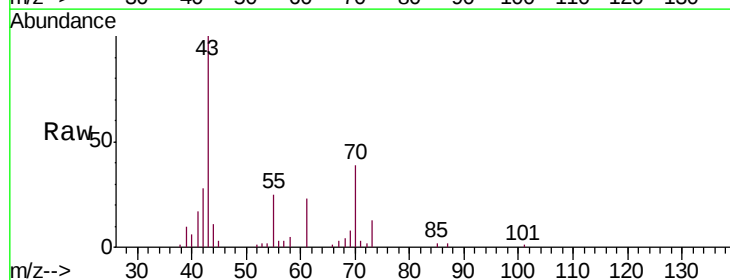
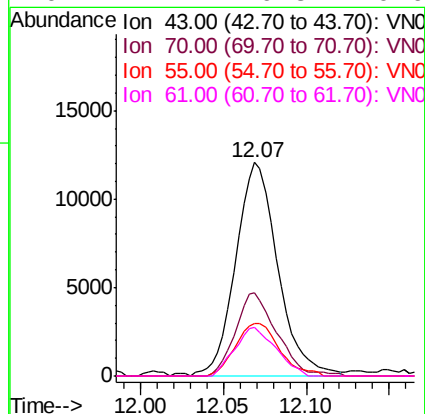
Ion Ratio Lower Upper

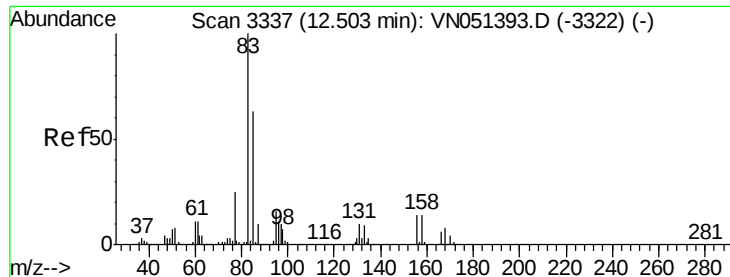
43 100

70 37.3 35.0 52.4

55 25.7 21.4 32.2

61 22.1 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 5.268 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN051391.D

Acq: 22 Sep 2018 12:18

Instrument :

MSVOA_N

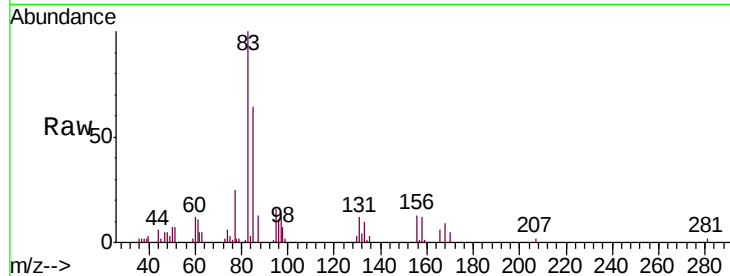
ClientSampleId :

VSTDIC005

Tgt Ion:	83	Resp:	25767
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.3	15.9
85	66.2	31.6	95.0

Manual Integrations
APPROVED

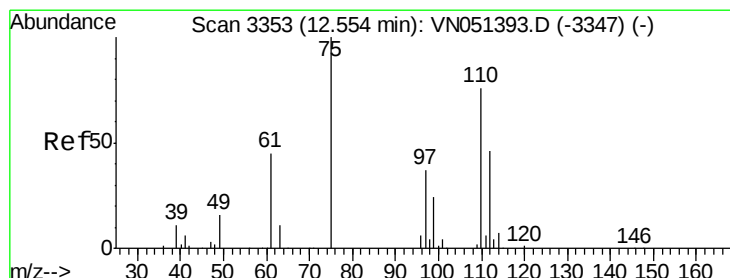
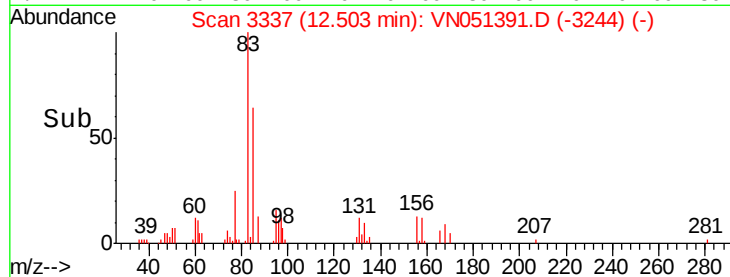
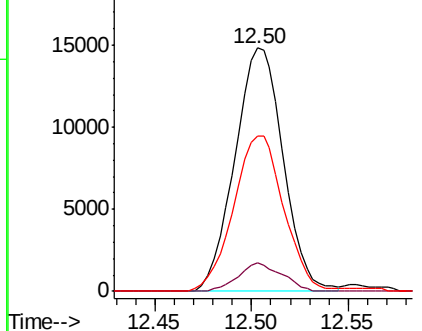
MMDadoda
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Abundance Ion 82.90 (82.60 to 83.60): VN051391.D (-3337) (-)

Ion 130.80 (130.50 to 131.50): VN051391.D (-3337) (-)

Ion 84.90 (84.60 to 85.60): VN051391.D (-3337) (-)



#76

1,2,3-Trichloropropane

Concen: 5.169 ug/l m

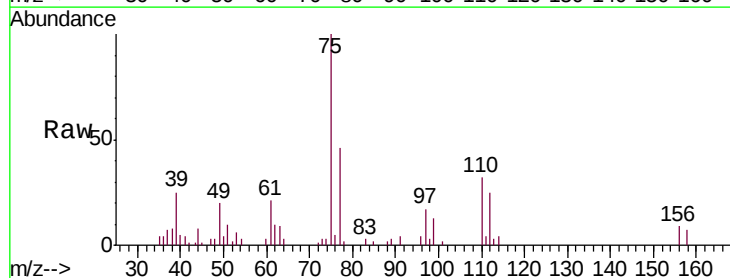
RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN051391.D

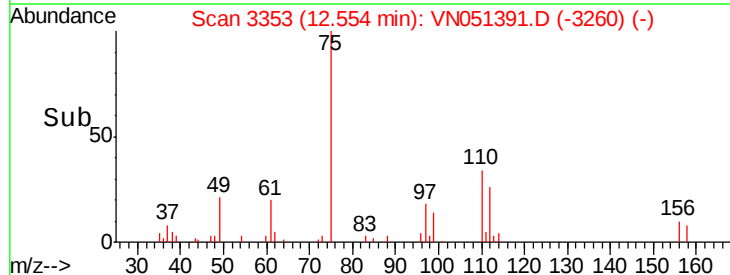
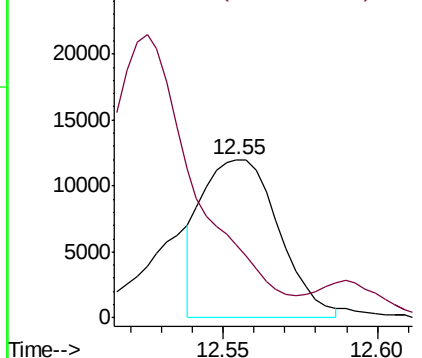
Acq: 22 Sep 2018 12:18

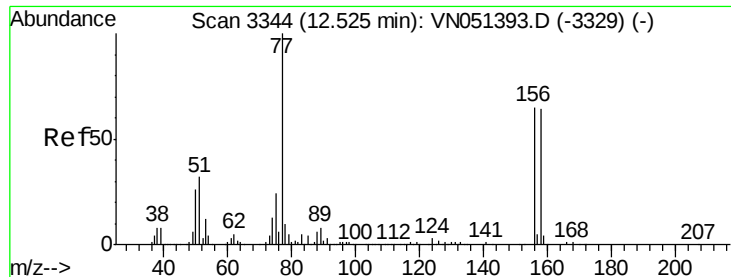
Tgt Ion:	75	Resp:	20727
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN051391.D (-3353) (-)

Ion 77.00 (76.70 to 77.70): VN051391.D (-3353) (-)





#77

Bromobenzene

Concen: 4.666 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN051391.D

Acq: 22 Sep 2018 12:18

Instrument :

MSVOA_N

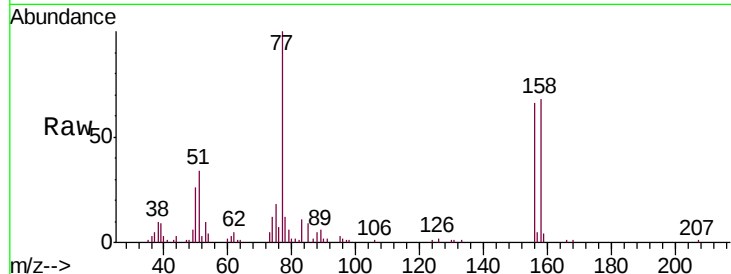
ClientSampleId :

VSTDIC005

Tgt Ion	Ratio	Lower	Upper
156	100		
77	177.5	89.5	268.4
158	104.5	49.4	148.2

Manual Integrations
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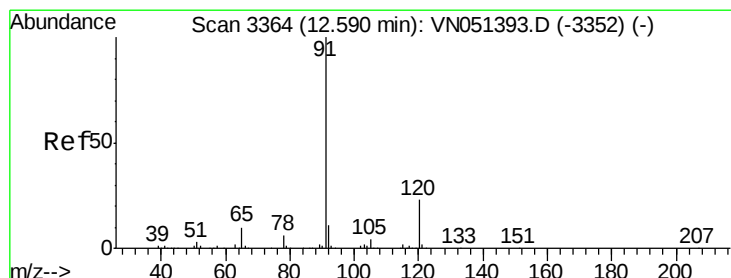
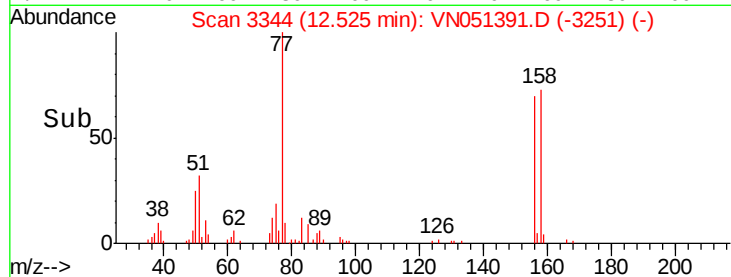
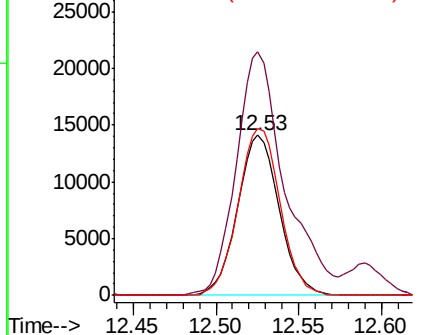


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.263 ug/l

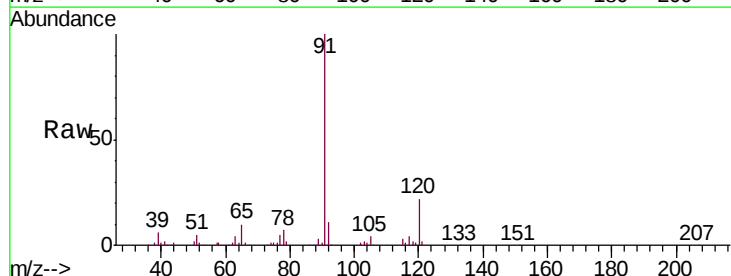
RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN051391.D

Acq: 22 Sep 2018 12:18

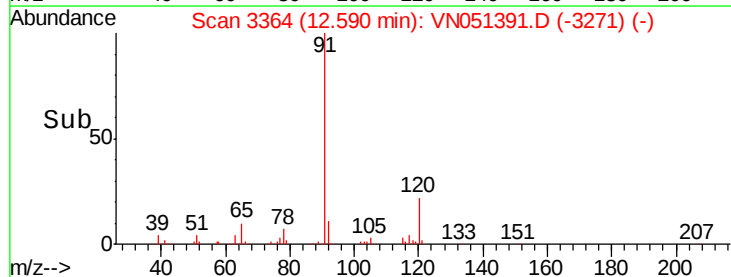
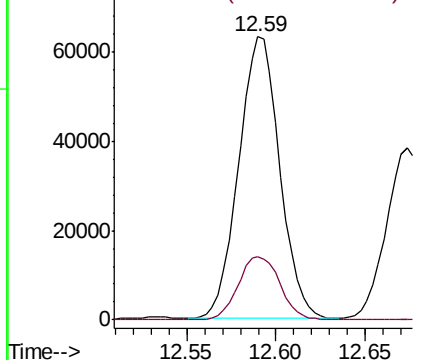
Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.9	35.5

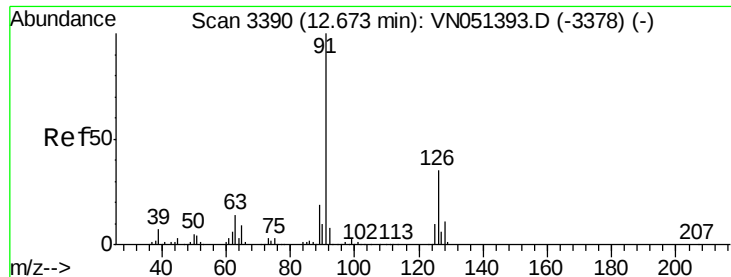


Abundance

Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 4.605 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN051391.D

Acq: 22 Sep 2018 12:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 65159

Ion Ratio Lower Upper

91 100

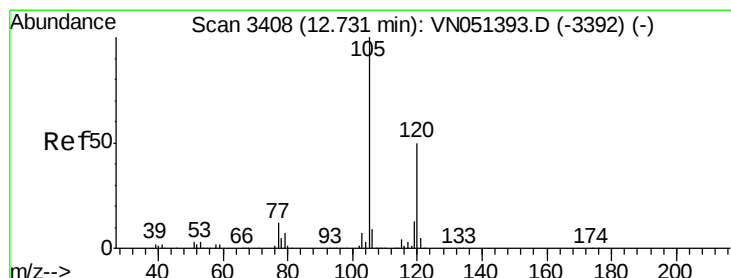
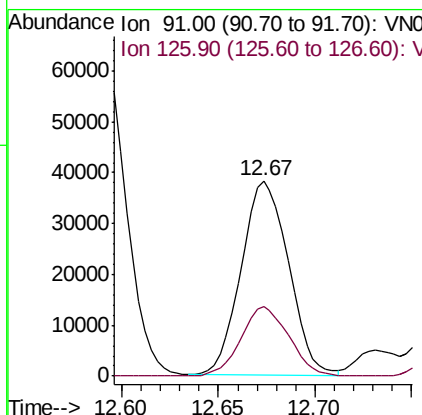
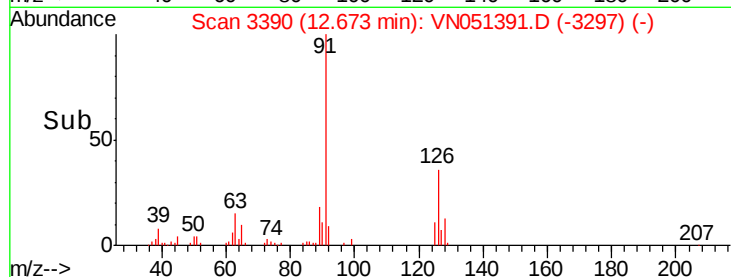
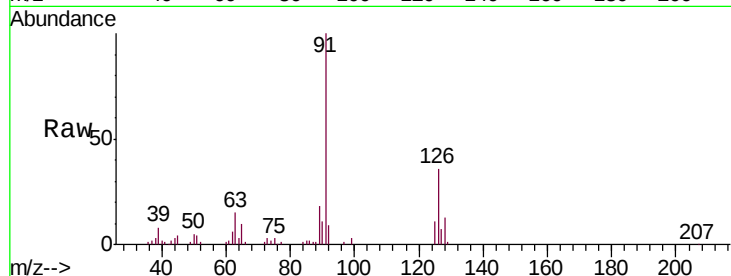
126 36.1 17.6 52.8

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 4.531 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051391.D

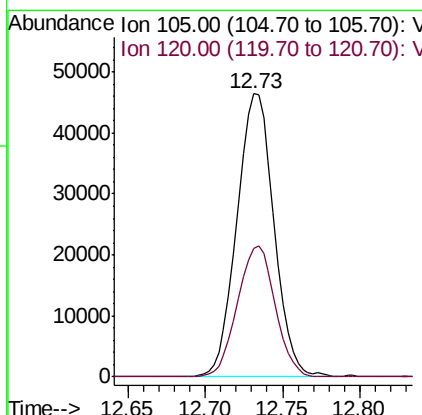
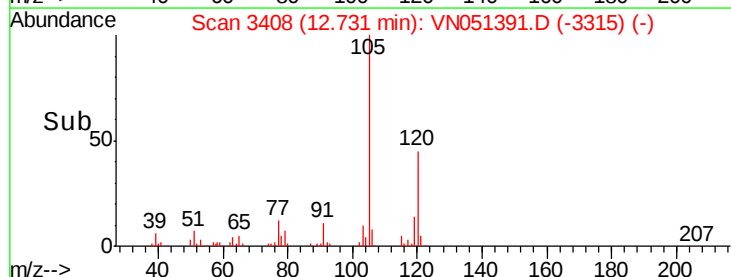
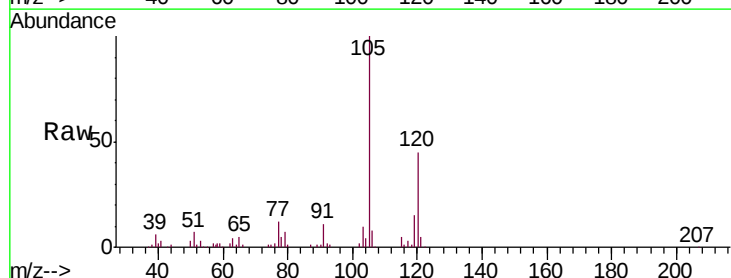
Acq: 22 Sep 2018 12:18

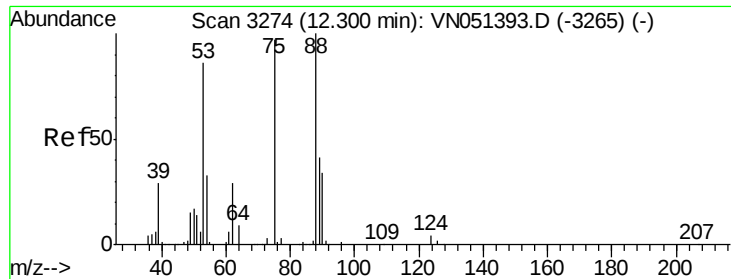
Tgt Ion: 105 Resp: 77489

Ion Ratio Lower Upper

105 100

120 46.9 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 4.107 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN051391.D

Acq: 22 Sep 2018 12:18

Instrument :

MSVOA_N

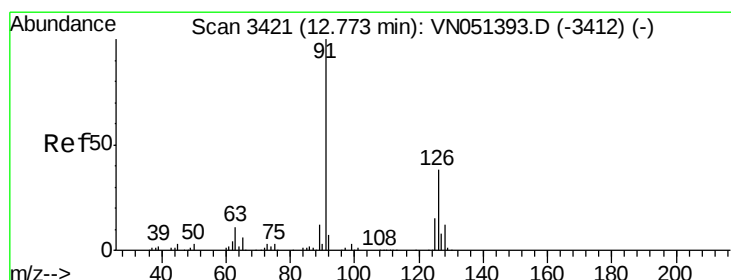
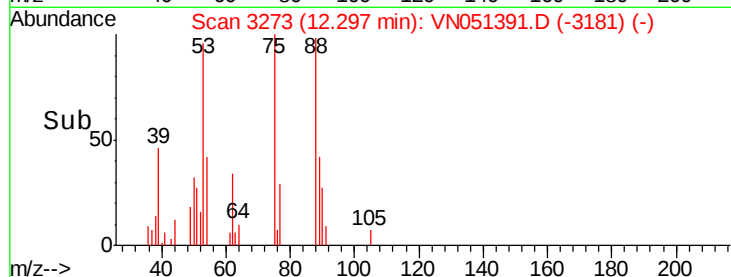
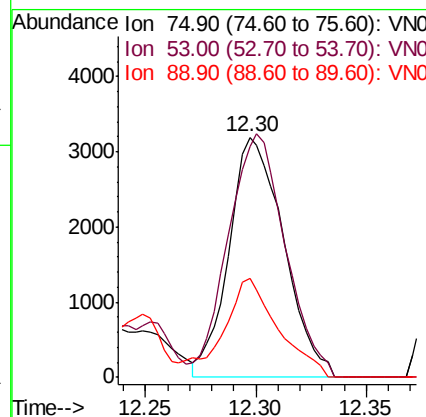
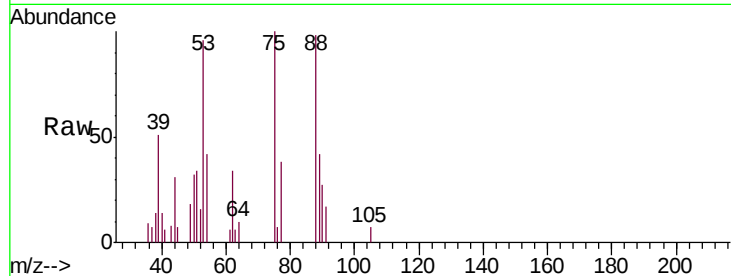
ClientSampleId :

VSTDIC005

Tgt Ion:	75	Resp:	5512
Ion	Ratio	Lower	Upper
75	100		
53	106.3	73.9	110.9
89	41.3	36.7	55.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 4.330 ug/l

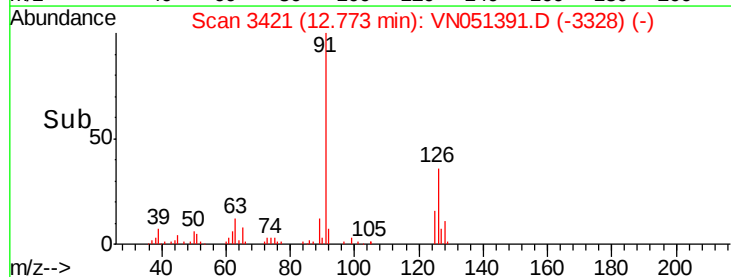
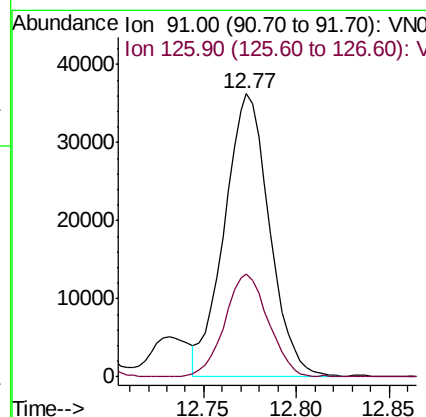
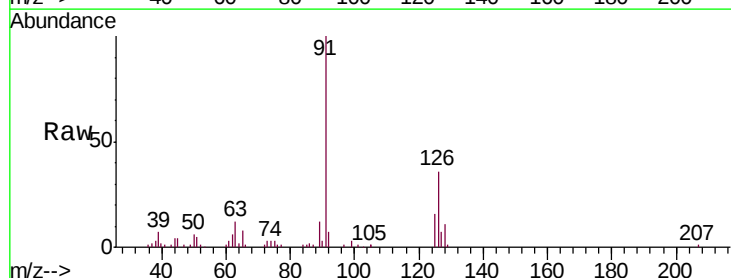
RT: 12.77 min Scan# 3421

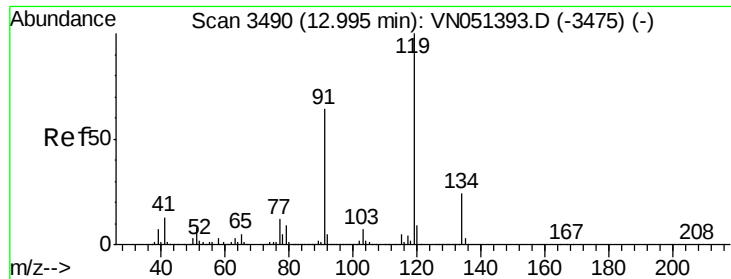
Delta R.T. -0.00 min

Lab File: VN051391.D

Acq: 22 Sep 2018 12:18

Tgt Ion:	91	Resp:	61155
Ion	Ratio	Lower	Upper
91	100		
126	34.9	17.5	52.5





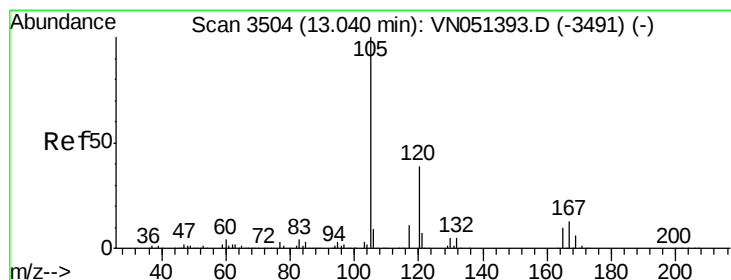
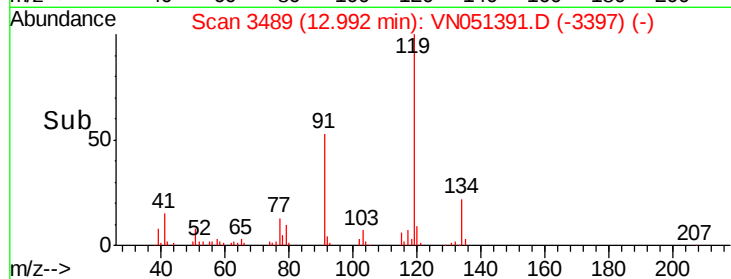
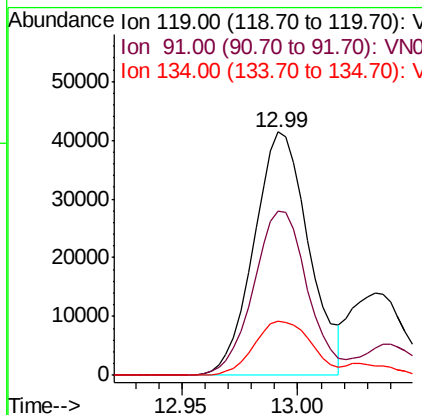
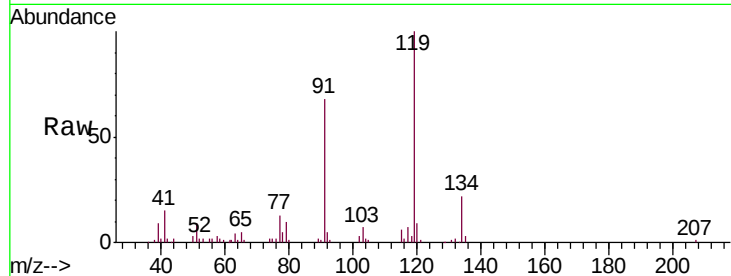
#83
 tert-Butylbenzene
 Concen: 4.476 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN051391.D
 Acq: 22 Sep 2018 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
119	100		
91	66.9	31.7	95.1
134	23.1	12.3	36.9

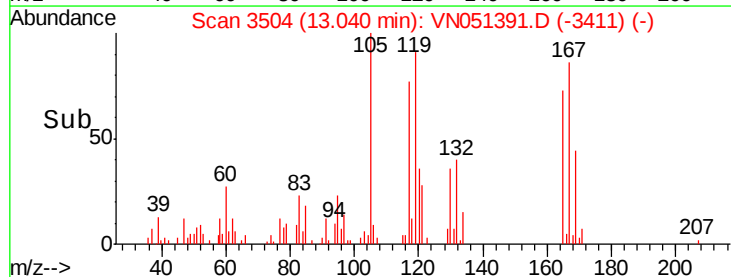
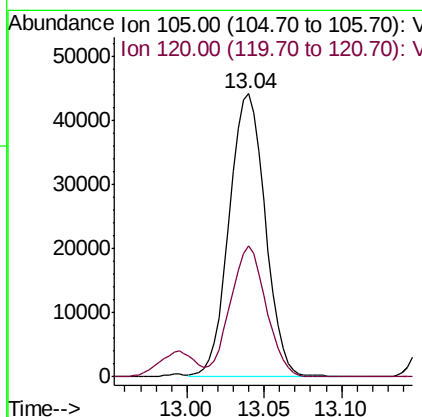
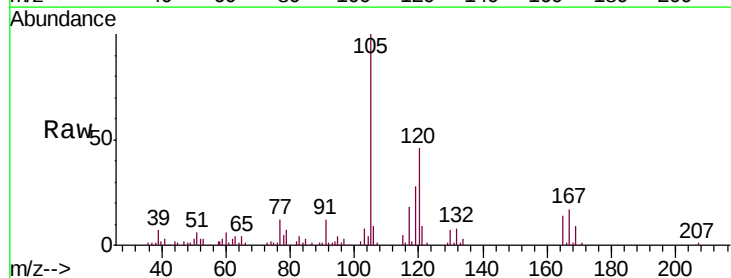
Manual Integrations
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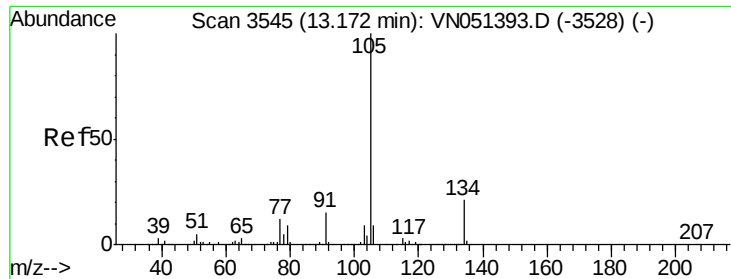
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#84
 1,2,4-Trimethylbenzene
 Concen: 4.146 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051391.D
 Acq: 22 Sep 2018 12:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.9	68.7





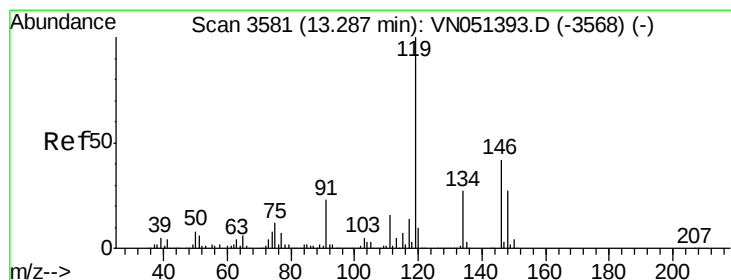
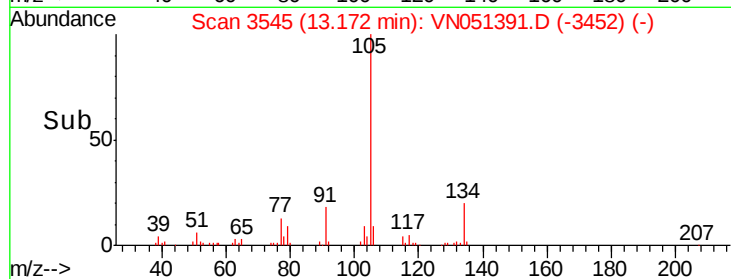
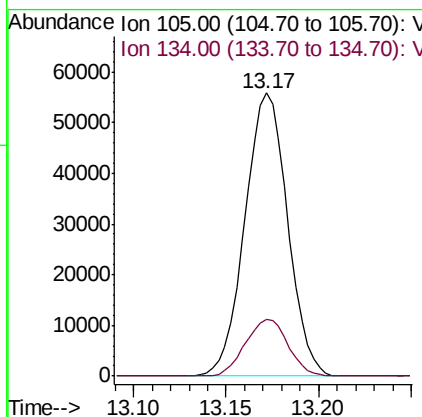
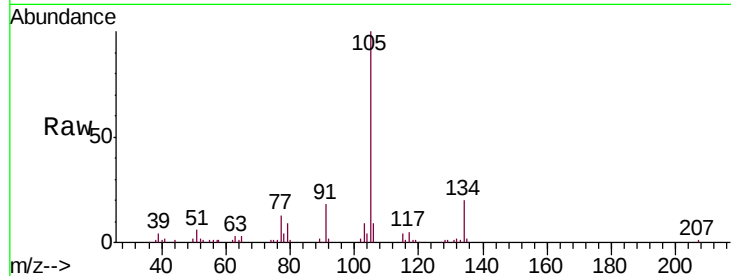
#85
 sec-Butylbenzene
 Concen: 4.355 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN051391.D
 Acq: 22 Sep 2018 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 89682
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.4 31.1

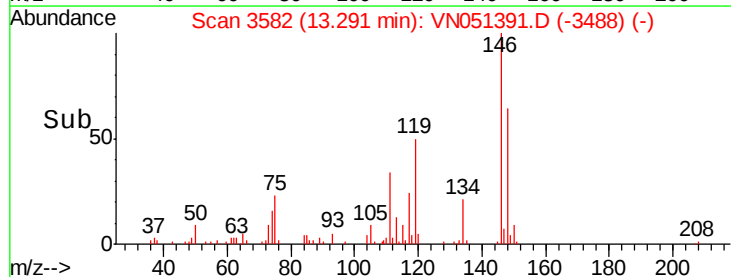
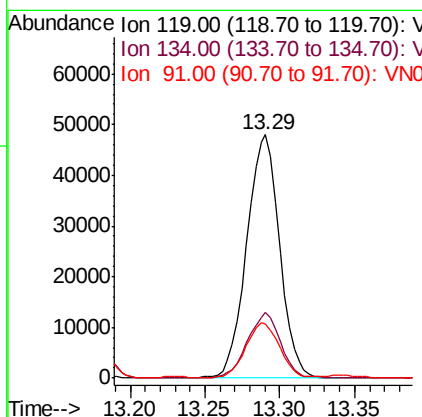
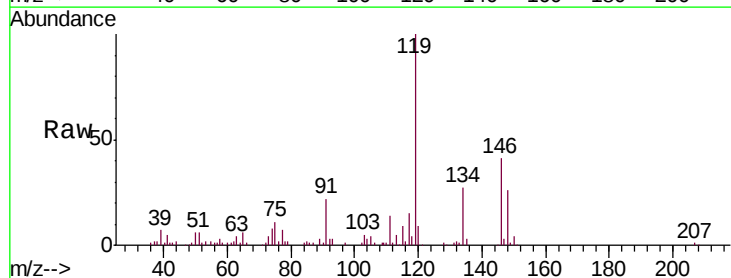
Manual Integrations
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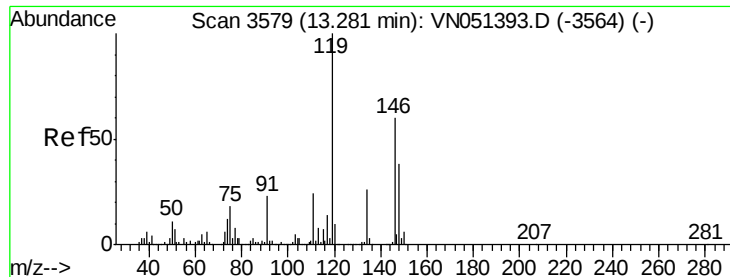
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#86
 p-Isopropyltoluene
 Concen: 4.117 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN051391.D
 Acq: 22 Sep 2018 12:18

Tgt Ion:119 Resp: 73367
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.3 39.9
 91 23.5 11.4 34.2





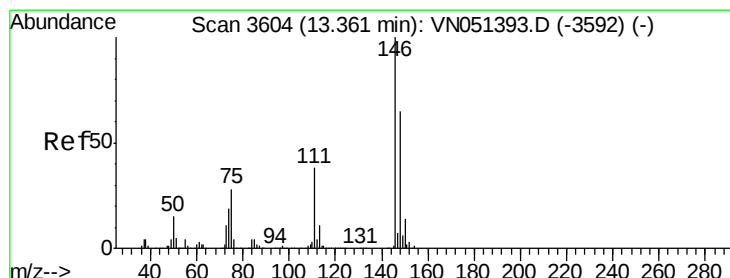
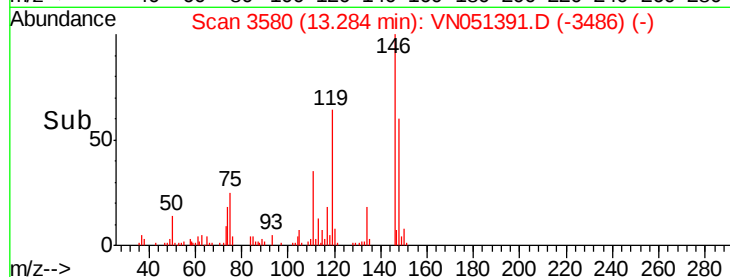
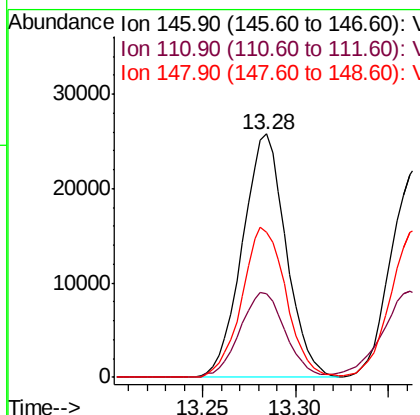
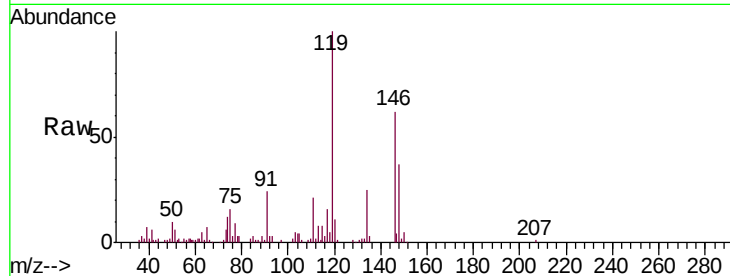
#87
 1,3-Dichlorobenzene
 Concen: 4.600 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN051391.D
 Acq: 22 Sep 2018 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	19.7	59.1
148	62.5	31.9	95.7

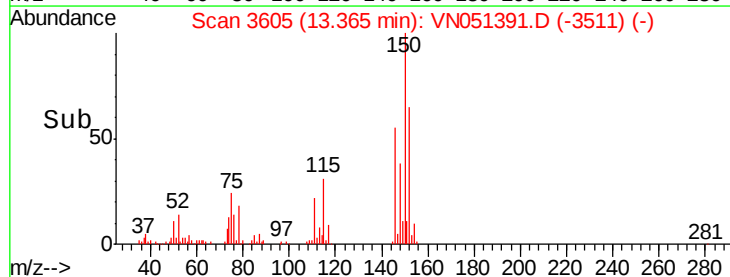
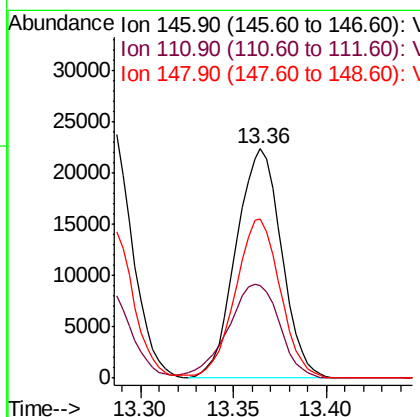
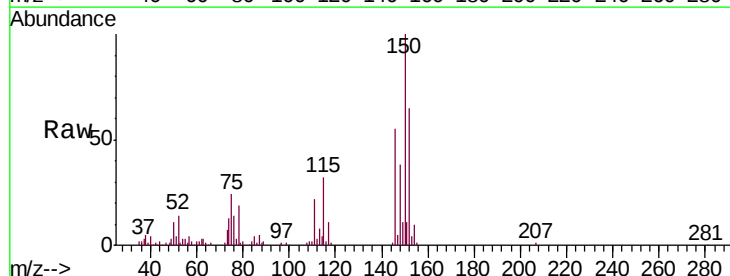
Manual Integrations
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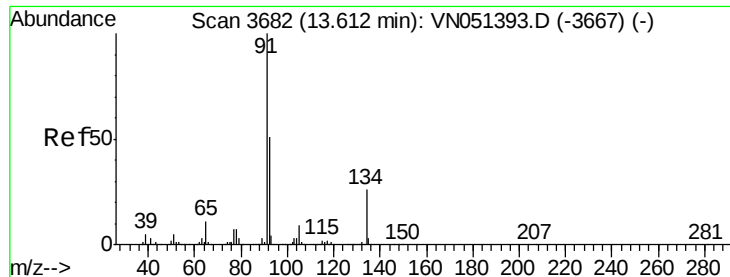
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#88
 1,4-Dichlorobenzene
 Concen: 4.309 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN051391.D
 Acq: 22 Sep 2018 12:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.8	19.1	57.1
148	68.7	32.5	97.5





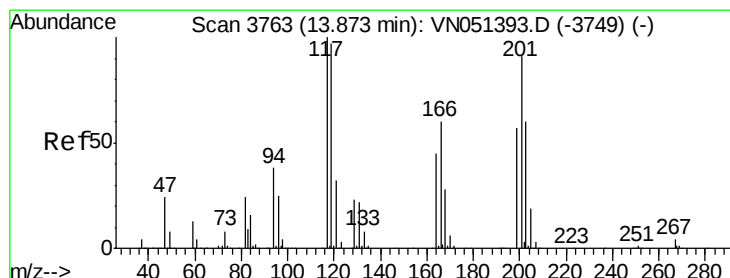
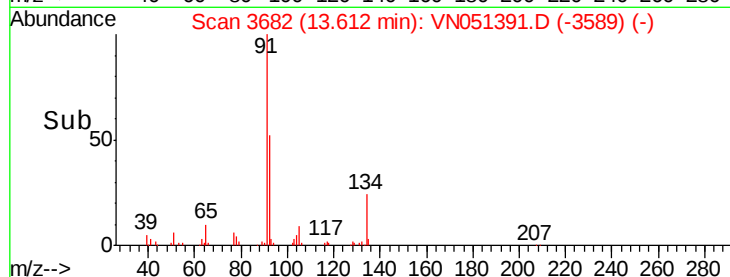
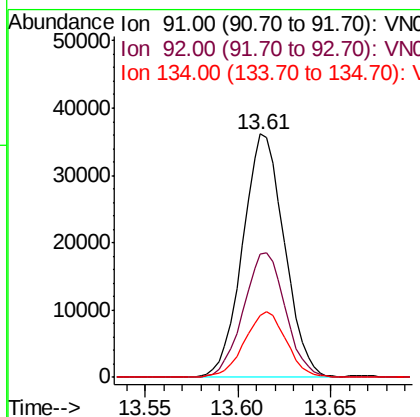
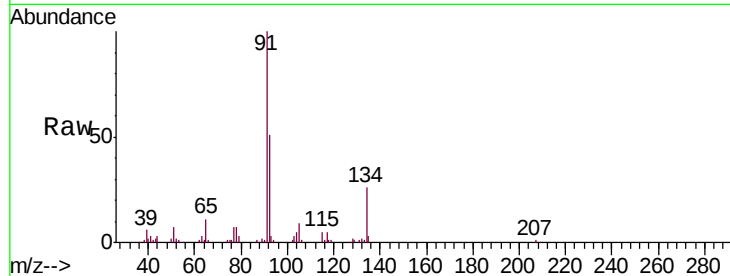
#89
n-Butylbenzene
Concen: 3.844 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN051391.D
Acq: 22 Sep 2018 12:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.5	25.5	76.5
134	26.8	13.3	39.8

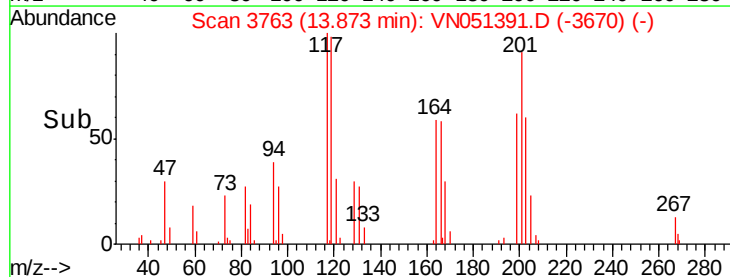
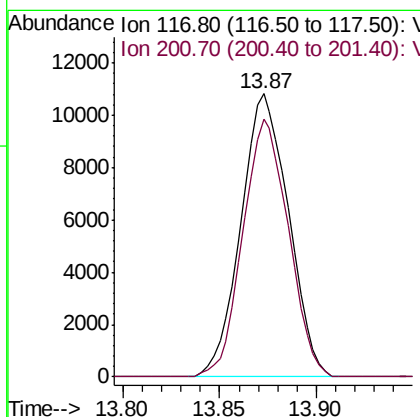
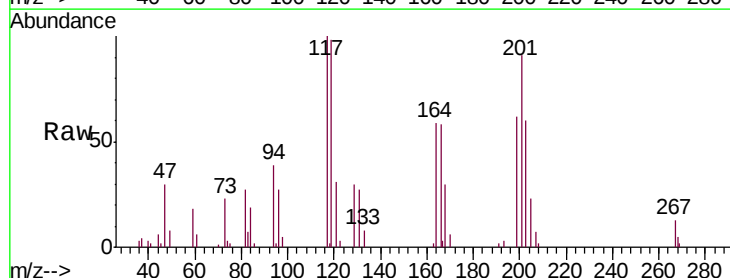
Manual Integrations
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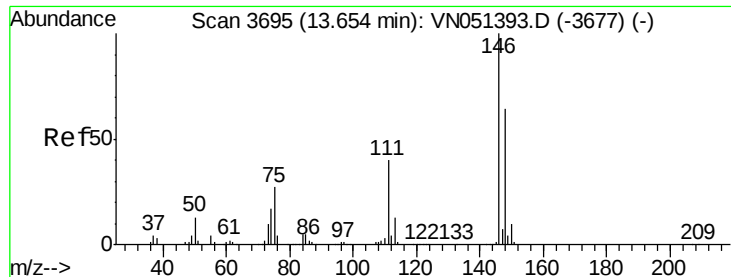
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#90
Hexachloroethane
Concen: 5.212 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN051391.D
Acq: 22 Sep 2018 12:18

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.8	45.5	136.4





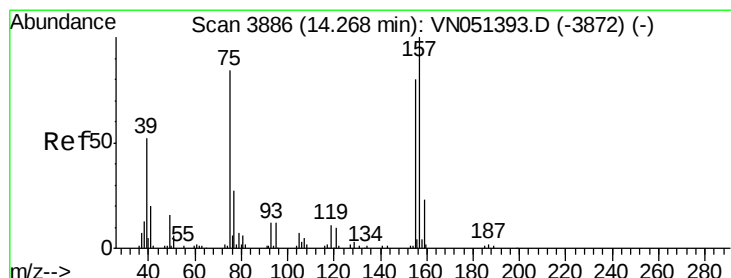
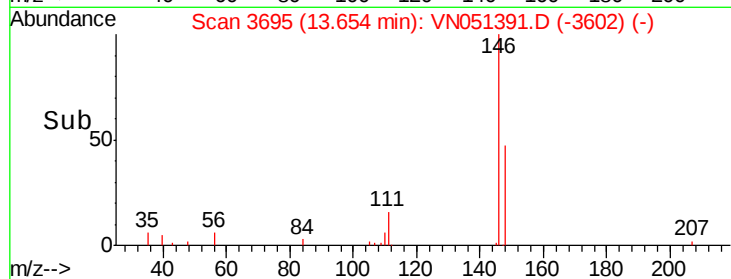
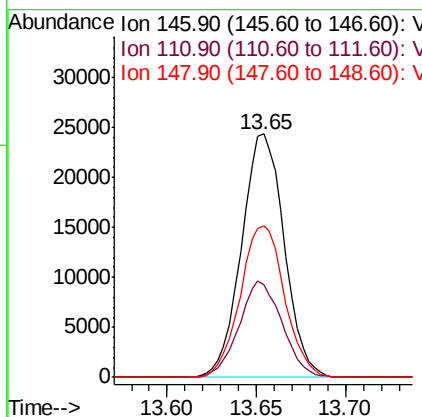
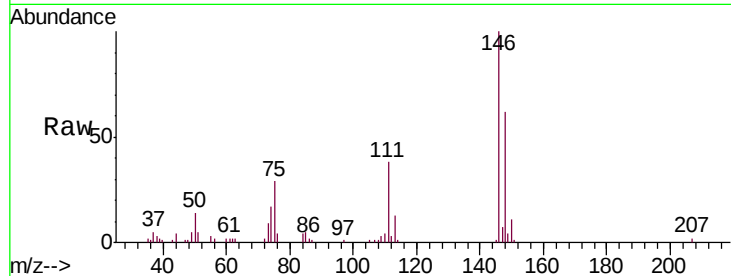
#91
 1,2-Dichlorobenzene
 Concen: 4.562 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN051391.D
 Acq: 22 Sep 2018 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.0	60.0
148	64.5	32.1	96.5

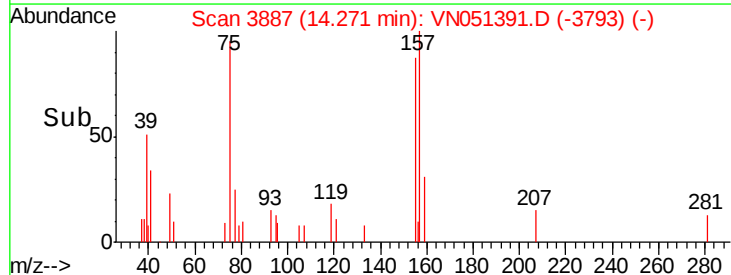
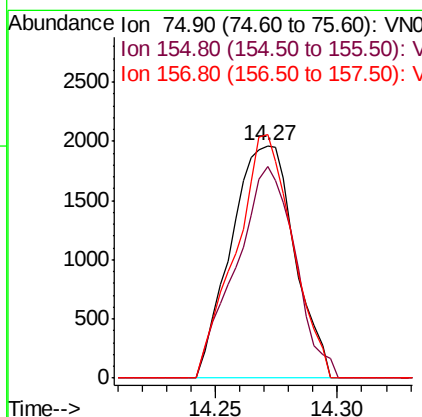
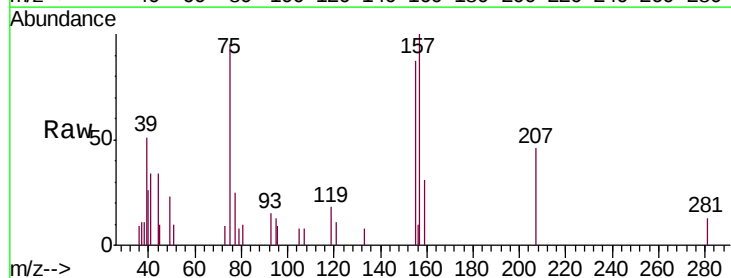
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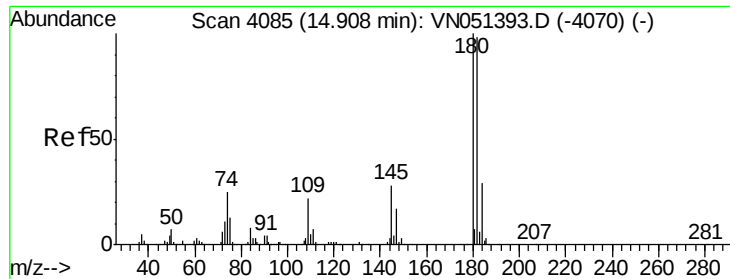
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.072 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN051391.D
 Acq: 22 Sep 2018 12:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.6	46.9	140.6
157	93.9	58.4	175.1





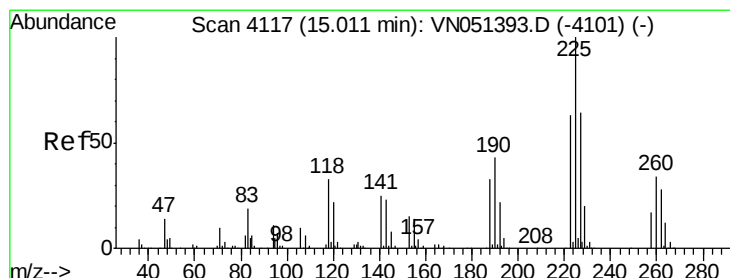
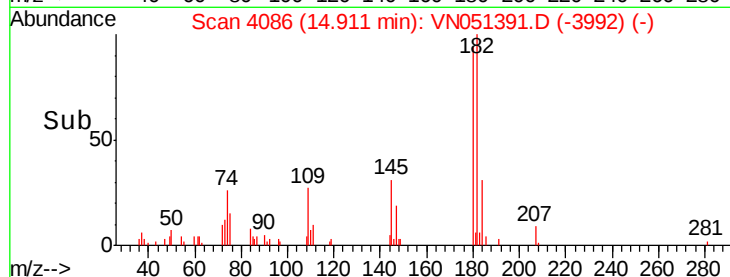
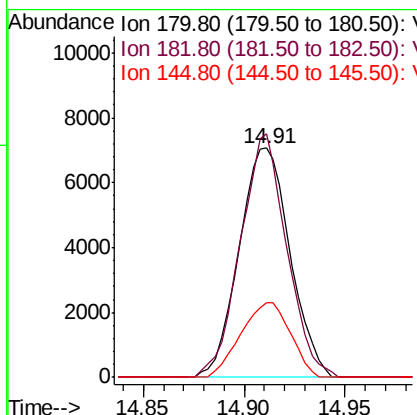
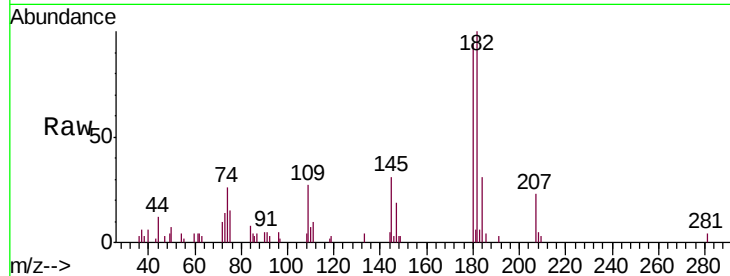
#93
 1,2,4-Trichlorobenzene
 Concen: 8.264 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN051391.D
 Acq: 22 Sep 2018 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	12459		
182	96.9	48.5	145.6	
145	31.7	14.1	42.4	

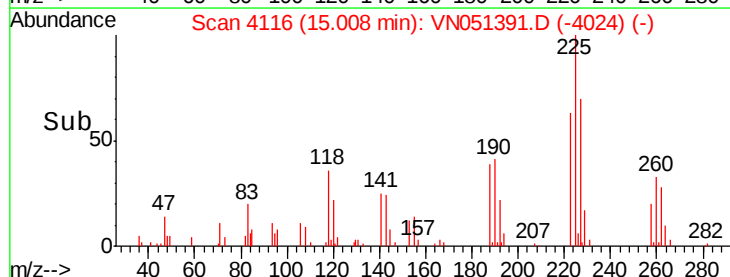
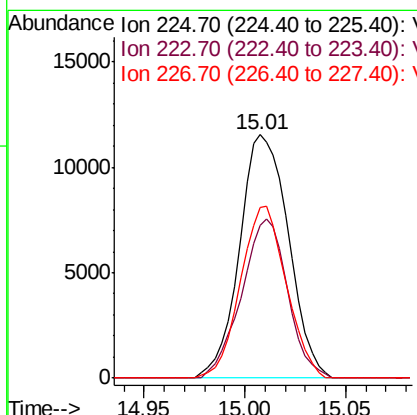
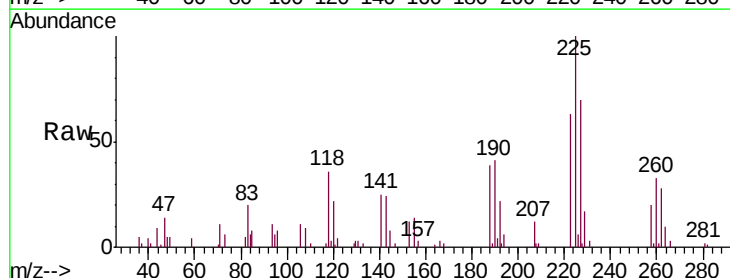
Manual Integrations
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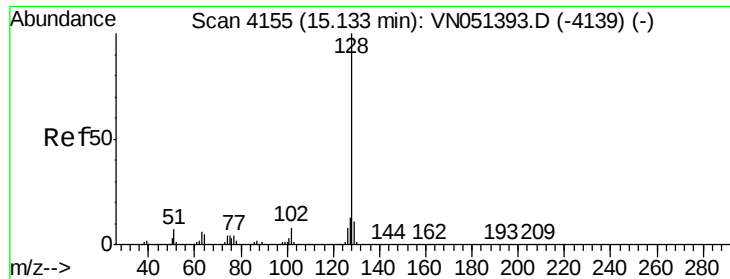
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#94
 Hexachlorobutadiene
 Concen: 5.814 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN051391.D
 Acq: 22 Sep 2018 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	19612		
223	61.4	31.9	95.9	
227	66.0	32.5	97.5	





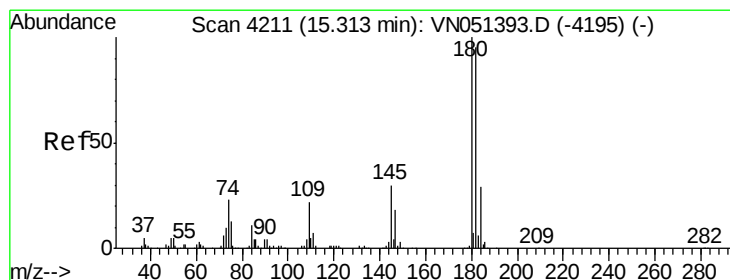
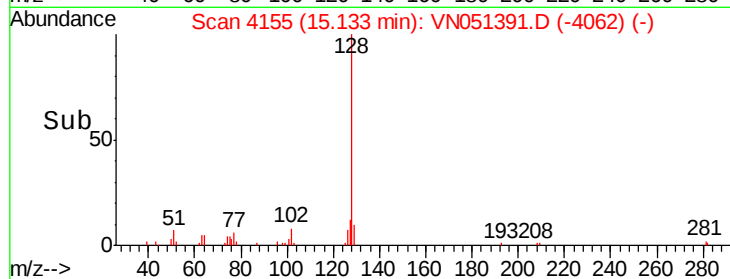
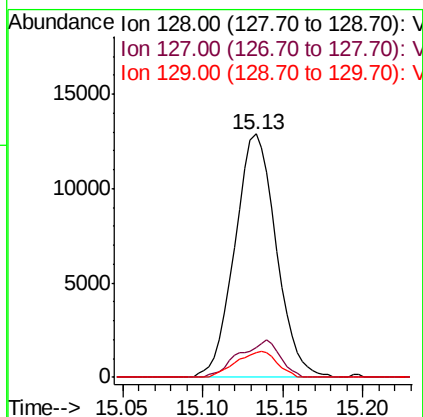
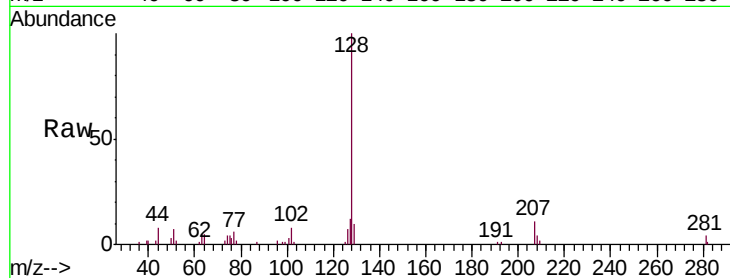
#95
Naphthalene
Concen: 10.106 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN051391.D
Acq: 22 Sep 2018 12:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
128	100		
127	15.2	10.5	15.7
129	10.5	8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 3.487 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN051391.D
Acq: 22 Sep 2018 12:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	47.2	141.6
145	30.2	14.6	43.8

