

Data File : VN051397.D
Acq On : 22 Sep 2018 15:07
Operator : MD\SY
Sample : VSTDIC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

MMDadoda
9/24/2018 2:15:22 PM

Quant Time: Sep 24 06:06:38 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	7.66	168	519852	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	758262	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	661979	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	290627	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	37287	5.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.46%	
35) Dibromofluoromethane	7.59	113	33660	5.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.10%	
50) Toluene-d8	10.09	98	119708	5.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.48%	
62) 4-Bromofluorobenzene	12.40	95	37067	5.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.04%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	28732	5.924 ug/l	99
3) Chloromethane	2.06	50	44082	5.710 ug/l	95
4) Vinyl Chloride	2.19	62	47215	5.541 ug/l	100
5) Bromomethane	2.56	94	34710	6.848 ug/l	99
6) Chloroethane	2.70	64	29422	5.541 ug/l	99
7) Trichlorofluoromethane	3.01	101	64463	5.775 ug/l	97
8) Diethyl Ether	3.41	74	22730	3.926 ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.76	101	37997	6.032 ug/l	98
10) Methyl Iodide	3.95	142	32055	4.086 ug/l	99
11) Tert butyl alcohol	4.78	59	9111m	24.821 ug/l	
12) 1,1-Dichloroethene	3.74	96	35215	6.088 ug/l	94
13) Acrolein	3.61	56	8885	24.346 ug/l	98
14) Allyl chloride	4.33	41	46650	4.807 ug/l	98
15) Acrylonitrile	4.99	53	49098	24.558 ug/l	97
16) Acetone	3.82	43	46419	8.872 ug/l	97
17) Carbon Disulfide	4.05	76	94208	5.544 ug/l	100
18) Methyl Acetate	4.33	43	25475	5.137 ug/l	98
19) Methyl tert-butyl Ether	5.05	73	72255	4.844 ug/l	99
20) Methylene Chloride	4.55	84	33768	5.240 ug/l	94
21) trans-1,2-Dichloroethene	5.05	96	31229	5.278 ug/l	97
22) Diisopropyl ether	5.95	45	91969	4.903 ug/l	90
23) Vinyl Acetate	5.90	43	294913	23.947 ug/l	100
24) 1,1-Dichloroethane	5.85	63	60699	5.423 ug/l	98
25) 2-Butanone	6.84	43	64048	28.735 ug/l	98
26) 2,2-Dichloropropane	6.82	77	47242	5.407 ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	34260	5.277 ug/l	98
28) Bromochloromethane	7.19	49	27277	5.278 ug/l	98
29) Tetrahydrofuran	7.21	42	33428	23.666 ug/l	98
30) Chloroform	7.37	83	59101	5.329 ug/l	96
31) Cyclohexane	7.65	56	56845	5.544 ug/l	# 92
32) 1,1,1-Trichloroethane	7.57	97	48714	5.138 ug/l	97
36) 1,1-Dichloropropene	7.79	75	45380	5.168 ug/l	98
37) Ethyl Acetate	6.93	43	26212	5.192 ug/l	100
38) Carbon Tetrachloride	7.78	117	47430	5.164 ug/l	99

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Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

MMDadoda
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Quant Time: Sep 24 06:06:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 24 05:35:54 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	49724	4.844	ug/l	95
40) Benzene	8.04	78	130844	5.075	ug/l	97
41) Methacrylonitrile	7.18	41	13813	4.945	ug/l #	88
42) 1,2-Dichloroethane	8.13	62	43481	5.267	ug/l	99
43) Isopropyl Acetate	8.17	43	43991	4.819	ug/l	97
44) Trichloroethene	8.83	130	36210	5.288	ug/l	95
45) 1,2-Dichloropropane	9.12	63	36202	5.165	ug/l	99
46) Dibromomethane	9.21	93	20082	5.071	ug/l	97
47) Bromodichloromethane	9.40	83	44722	5.103	ug/l	97
48) Methyl methacrylate	9.20	41	21579	4.741	ug/l	98
49) 1,4-Dioxane	9.21	88	5426	97.272	ug/l #	89
51) 4-Methyl-2-Pentanone	9.99	43	123362	24.570	ug/l	95
52) Toluene	10.16	92	78738	4.914	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	42723	4.829	ug/l	94
54) cis-1,3-Dichloropropene	9.84	75	49257	4.801	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	28709	5.070	ug/l	93
56) Ethyl methacrylate	10.43	69	29893	4.318	ug/l	97
57) 1,3-Dichloropropane	10.71	76	48821	5.030	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	67625	36.947	ug/l	98
59) 2-Hexanone	10.75	43	81169	24.938	ug/l	97
60) Dibromochloromethane	10.90	129	33053	4.947	ug/l	100
61) 1,2-Dibromoethane	11.00	107	27883	5.072	ug/l	95
64) Tetrachloroethene	10.63	164	31824	5.297	ug/l	97
65) Chlorobenzene	11.43	112	88360	5.202	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	33428	5.166	ug/l	98
67) Ethyl Benzene	11.51	91	136295	4.762	ug/l	98
68) m/p-Xylenes	11.62	106	104137	9.406	ug/l	97
69) o-Xylene	11.95	106	50214	4.718	ug/l	96
70) Styrene	11.96	104	75393	4.470	ug/l	98
71) Bromoform	12.13	173	21168	4.821	ug/l #	99
73) Isopropylbenzene	12.25	105	131409	5.359	ug/l	98
74) N-amyl acetate	12.07	43	31228	5.076	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	33764	5.905	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	26049m	5.556	ug/l	
77) Bromobenzene	12.53	156	35535	5.724	ug/l	96
78) n-propylbenzene	12.59	91	142394	5.152	ug/l	99
79) 2-Chlorotoluene	12.67	91	92311	5.580	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	101839	5.093	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	7800	4.971	ug/l	99
82) 4-Chlorotoluene	12.77	91	89082	5.395	ug/l	99
83) tert-Butylbenzene	12.99	119	96567	5.426	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	102161	5.070	ug/l	99
85) sec-Butylbenzene	13.17	105	126964	5.273	ug/l	98
86) p-Isopropyltoluene	13.29	119	103220	4.955	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	58385	5.435	ug/l	96
88) 1,4-Dichlorobenzene	13.36	146	55508	5.370	ug/l	95
89) n-Butylbenzene	13.62	91	81457	4.755	ug/l	98
90) Hexachloroethane	13.87	117	24851	5.987	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	57652	5.531	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	4439	5.440	ug/l	91

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

Data File : VN051397.D
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Operator : MD\SY
Sample : VSTDICC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
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Quant Time: Sep 24 06:06:38 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	18834	8.932	ug/l	99
94) Hexachlorobutadiene	15.01	225	23724	6.016	ug/l	98
95) Naphthalene	15.13	128	33357	10.635	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	20920	4.182	ug/l	99

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

Data File : VN051397.D

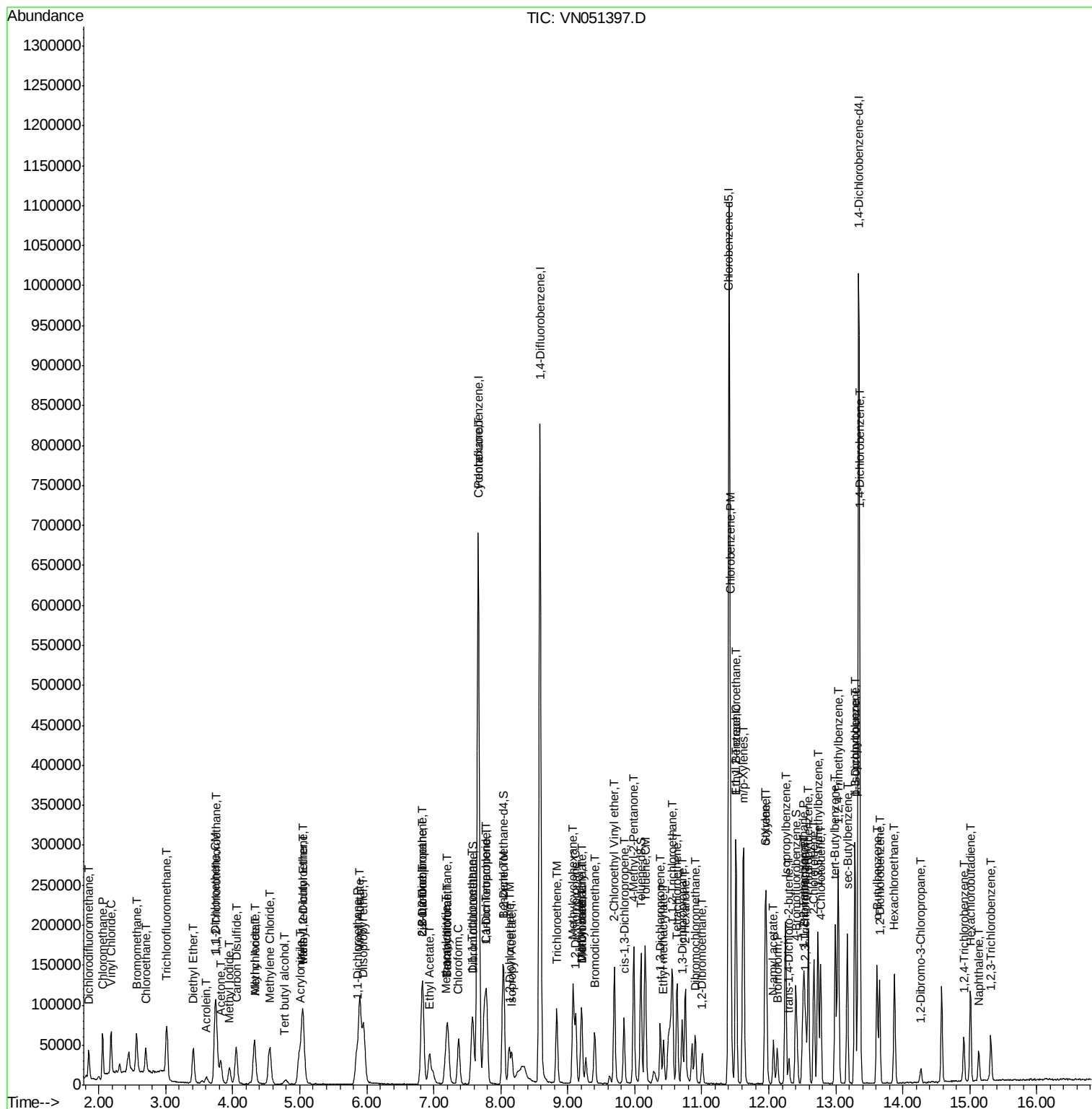
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Acq On       : 22 Sep 2018   15:07
Operator    : MD\SY
Sample      : VSTDIC005
Misc       : 5.00mL/MSV0A_N/WATER
ALS Vial    : 8      Sample Multiplier: 1
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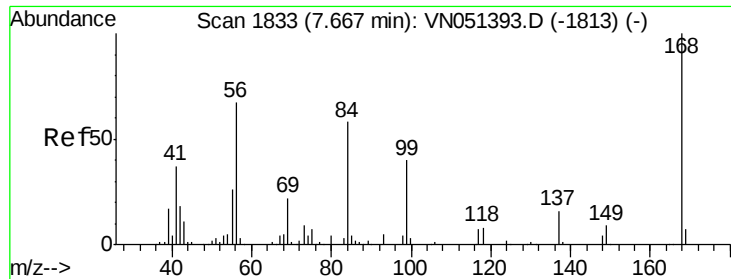
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations APPROVED

MMDadoda
9/24/2018 2:15:22 PM

Quant Time: Sep 24 06:06:38 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: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN051397.D

Acq: 22 Sep 2018 15:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:168 Resp: 519852

Ion Ratio Lower Upper

168 100

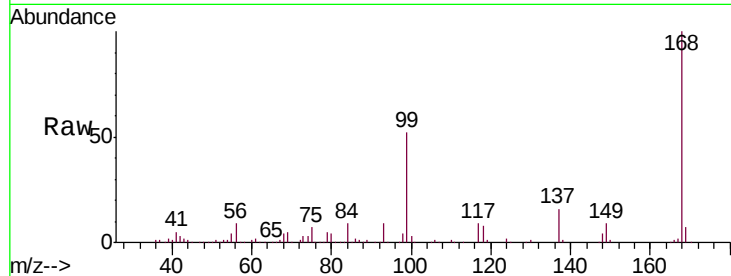
99 51.1 40.2 60.2

Manual Integrations

APPROVED

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9/24/2018 2:15:22 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

250000

200000

150000

100000

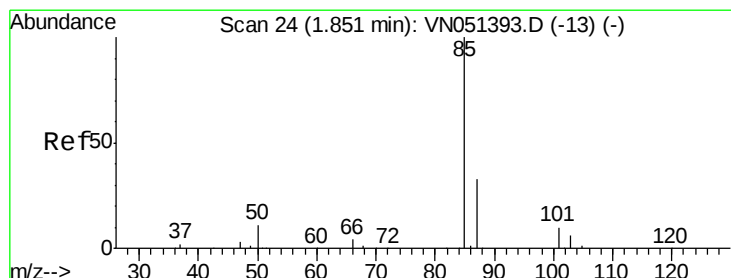
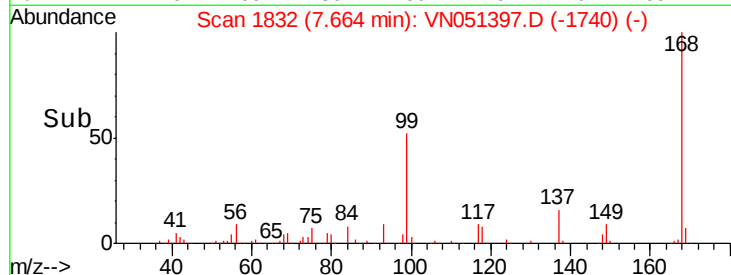
50000

0

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 5.924 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN051397.D

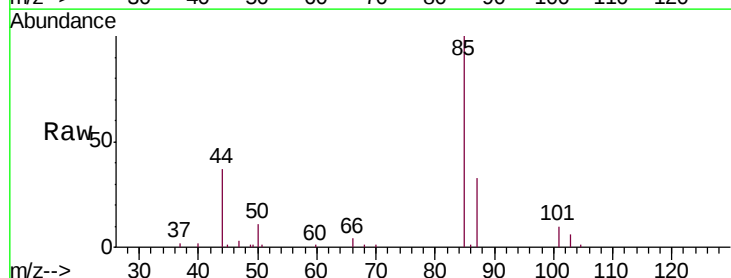
Acq: 22 Sep 2018 15:07

Tgt Ion: 85 Resp: 28732

Ion Ratio Lower Upper

85 100

87 33.3 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

20000

15000

10000

5000

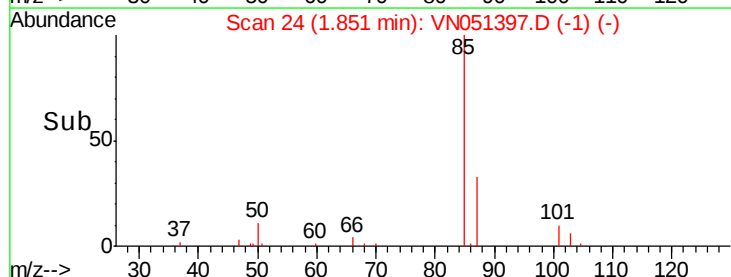
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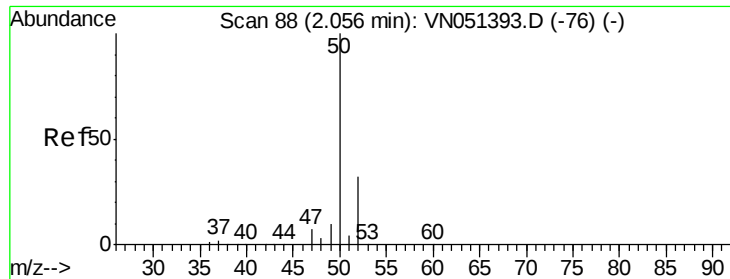
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 5.710 ug/l

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN051397.D

Acq: 22 Sep 2018 15:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 50 Resp: 44082

Ion Ratio Lower Upper

50 100

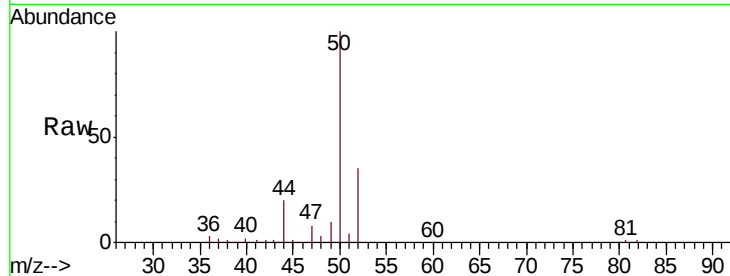
52 34.7 25.7 38.5

Manual Integrations

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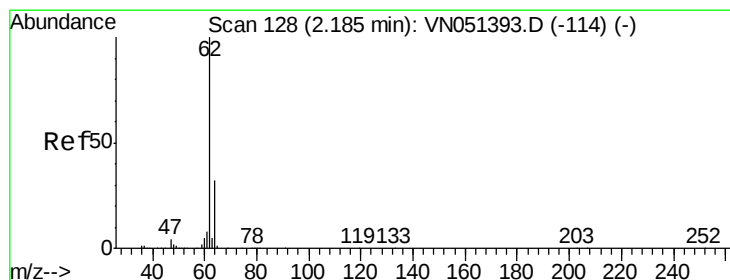
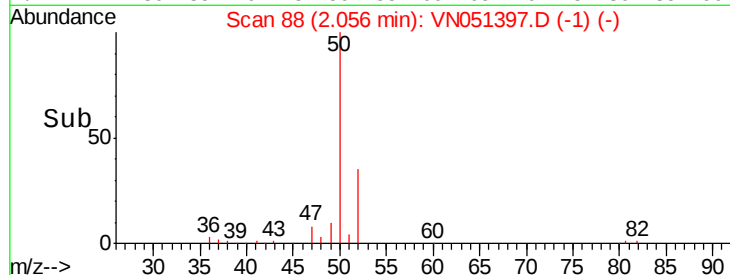
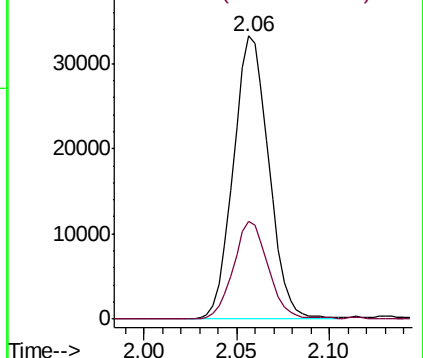
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 5.541 ug/l

RT: 2.19 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN051397.D

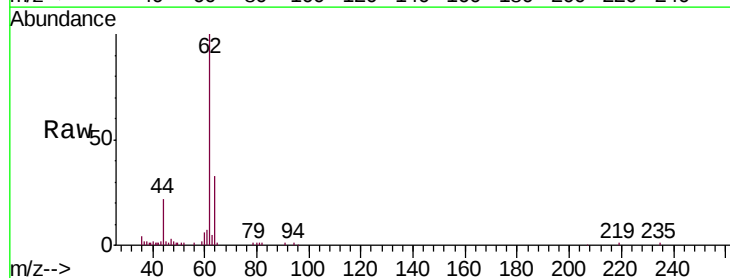
Acq: 22 Sep 2018 15:07

Tgt Ion: 62 Resp: 47215

Ion Ratio Lower Upper

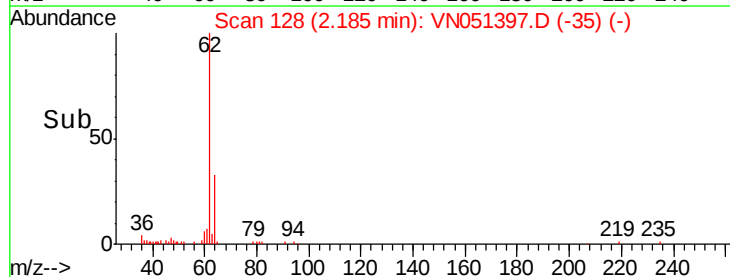
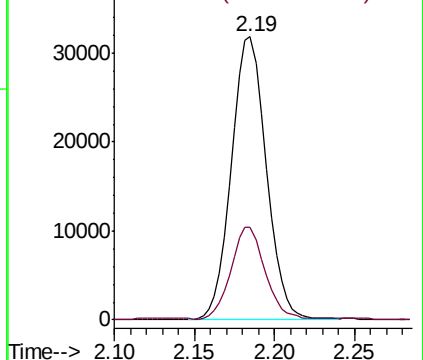
62 100

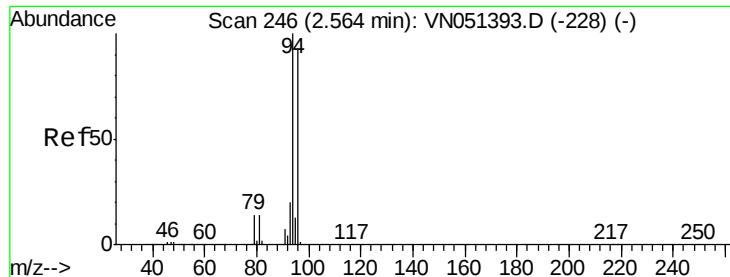
64 32.2 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 6.848 ug/l

RT: 2.56 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN051397.D

Acq: 22 Sep 2018 15:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 94 Resp: 34710

Ion Ratio Lower Upper

94 100

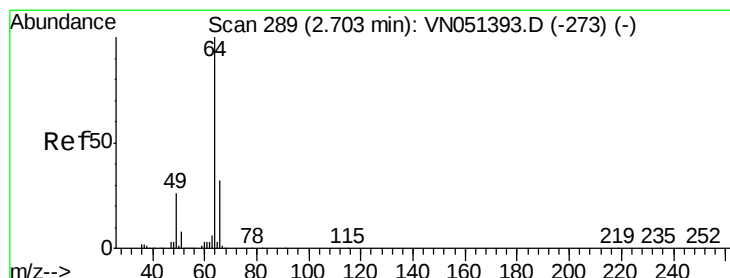
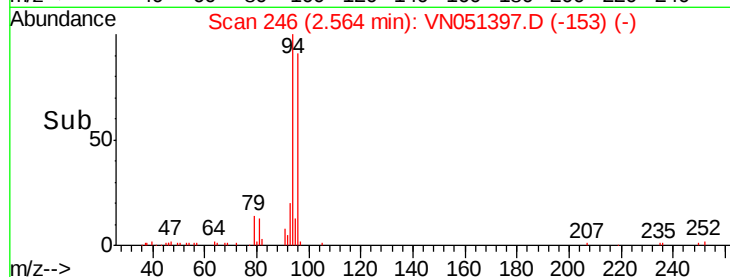
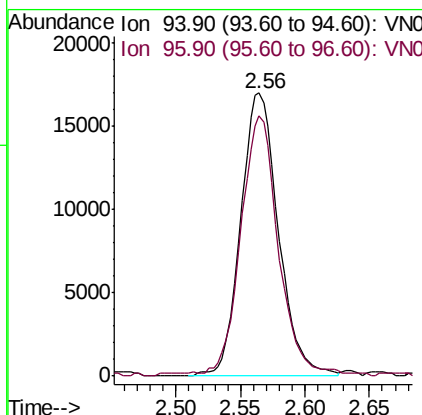
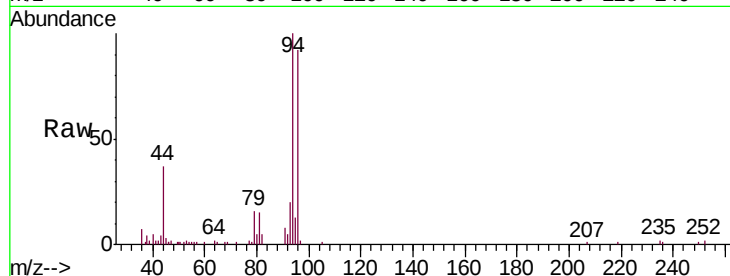
96 90.8 73.6 110.4

Manual Integrations

APPROVED

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9/24/2018 2:15:22 PM



#6

Chloroethane

Concen: 5.541 ug/l

RT: 2.70 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN051397.D

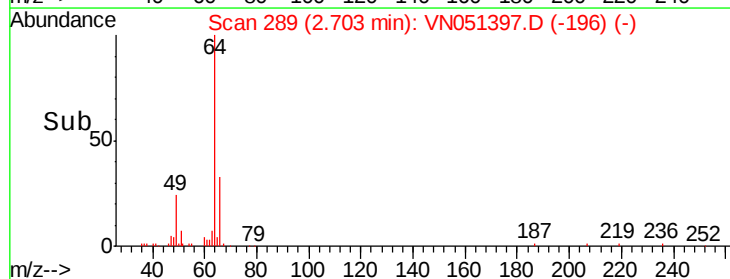
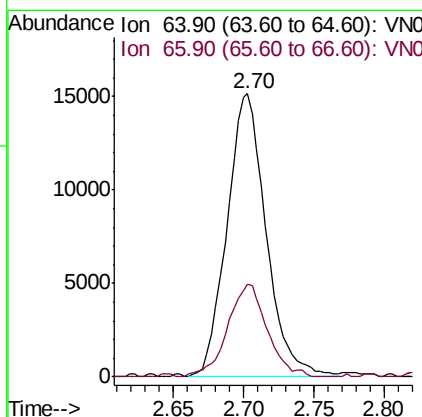
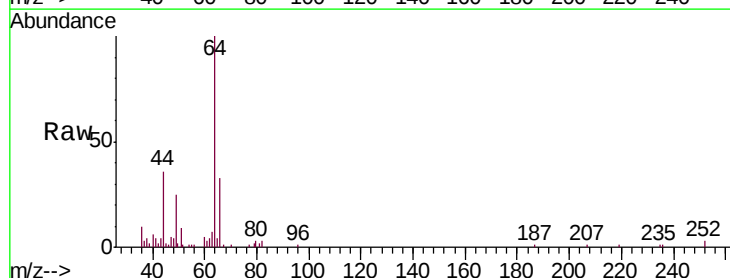
Acq: 22 Sep 2018 15:07

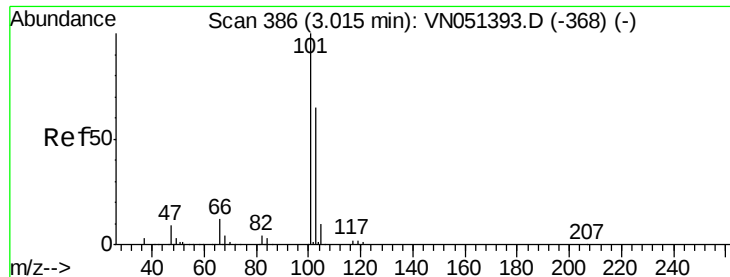
Tgt Ion: 64 Resp: 29422

Ion Ratio Lower Upper

64 100

66 32.9 25.9 38.9





#7

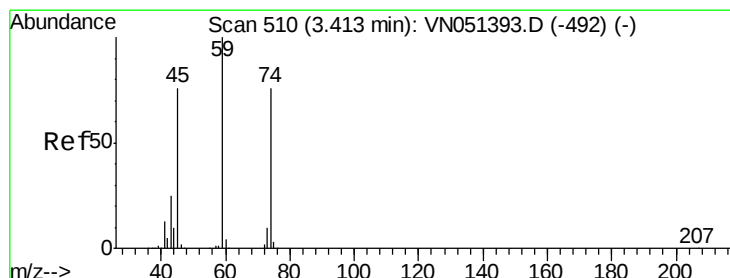
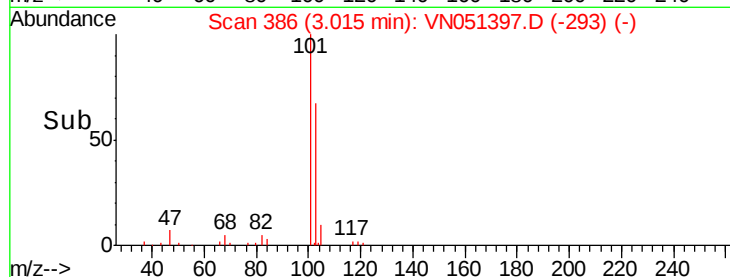
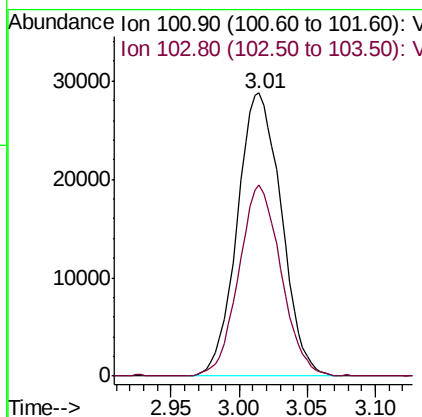
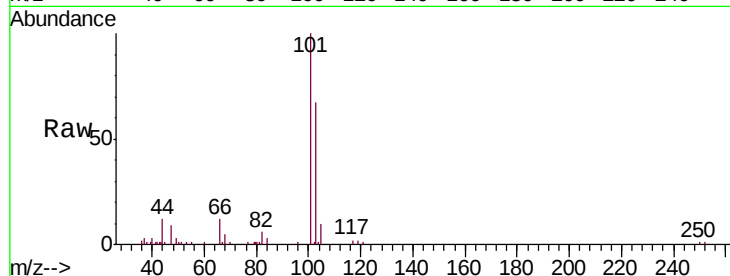
Trichlorofluoromethane
 Concen: 5.775 ug/l
 RT: 3.01 min Scan# 386
 Delta R.T. 0.00 min
 Lab File: VN051397.D
 Acq: 22 Sep 2018 15:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
101	100		
103	67.4	51.8	77.8

Manual Integrations
 APPROVED

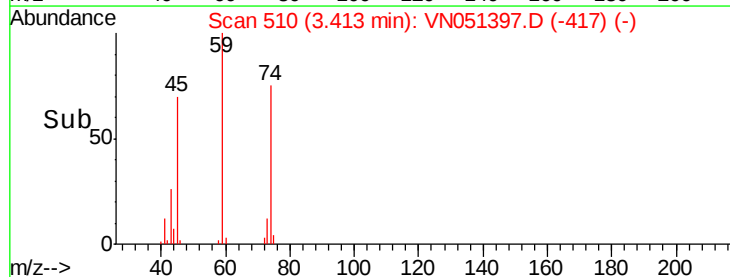
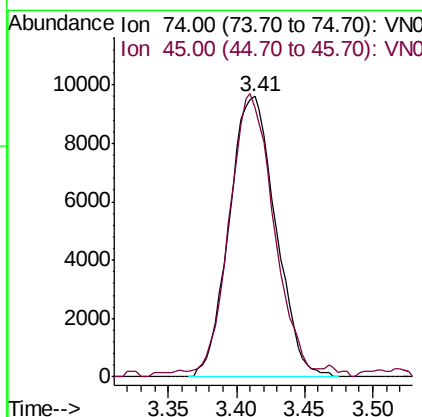
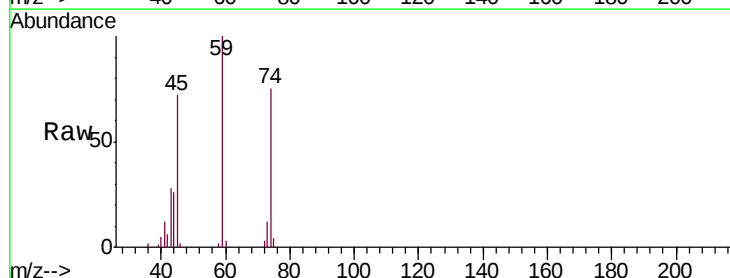
MMDadoda
 9/24/2018 2:15:22 PM

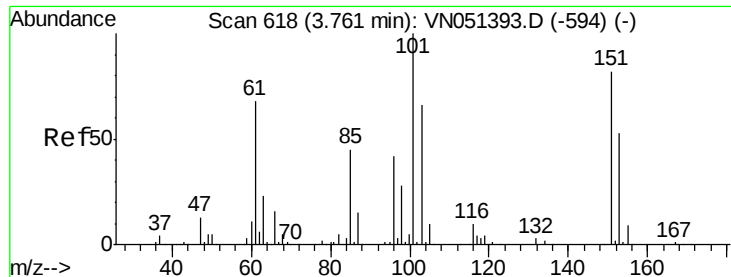


#8

Diethyl Ether
 Concen: 3.926 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN051397.D
 Acq: 22 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.7	50.2	150.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 6.032 ug/l

RT: 3.76 min Scan# 617

Delta R.T. -0.00 min

Lab File: VN051397.D

Acq: 22 Sep 2018 15:07

Instrument :

MSVOA_N

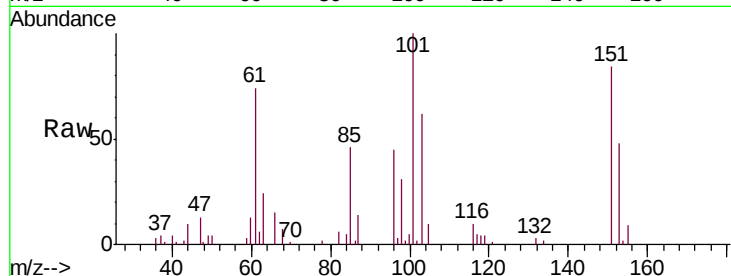
ClientSampleId :

VSTDIC005

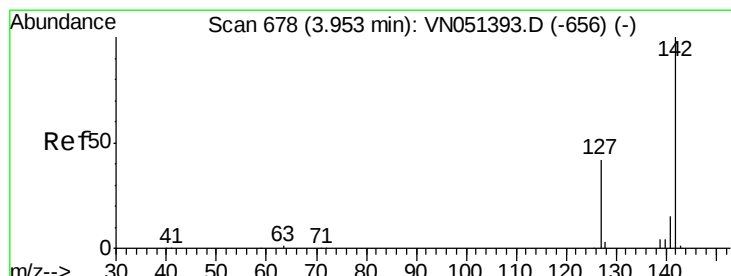
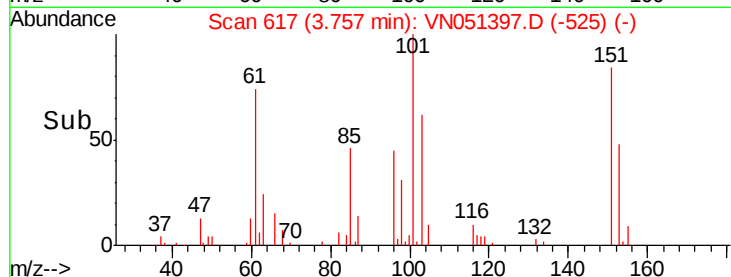
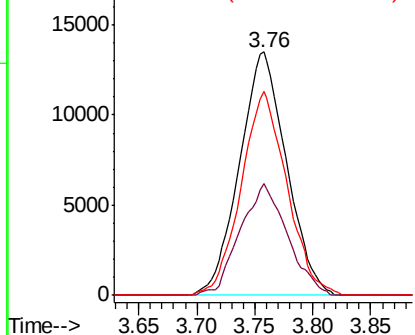
Tgt Ion:	101	Resp:	37997
Ion Ratio	Lower	Upper	
101	100		
85	46.0	33.9	50.9
151	81.8	65.2	97.8

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.086 ug/l

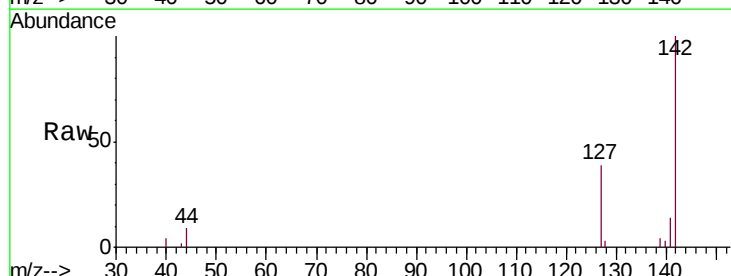
RT: 3.95 min Scan# 677

Delta R.T. -0.00 min

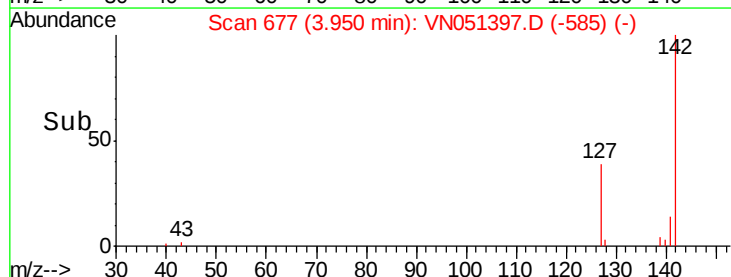
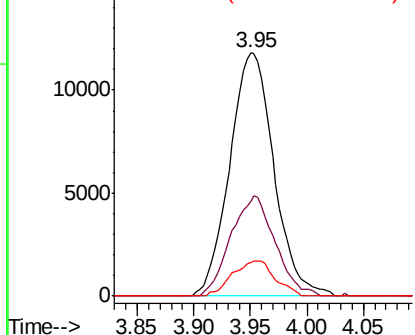
Lab File: VN051397.D

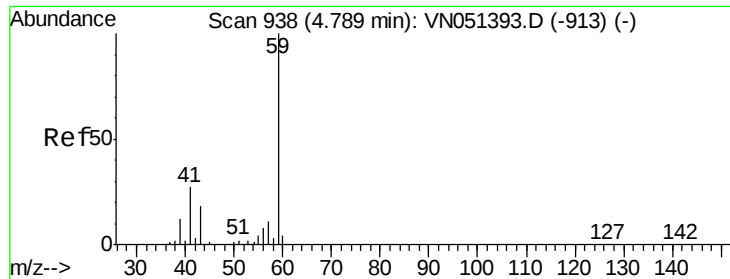
Acq: 22 Sep 2018 15:07

Tgt Ion:	142	Resp:	32055
Ion Ratio	Lower	Upper	
142	100		
127	41.3	33.2	49.8
141	13.8	11.5	17.3



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





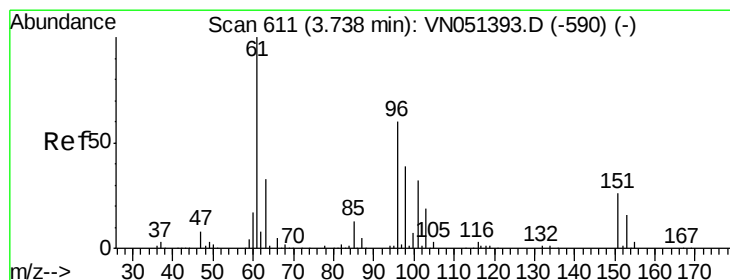
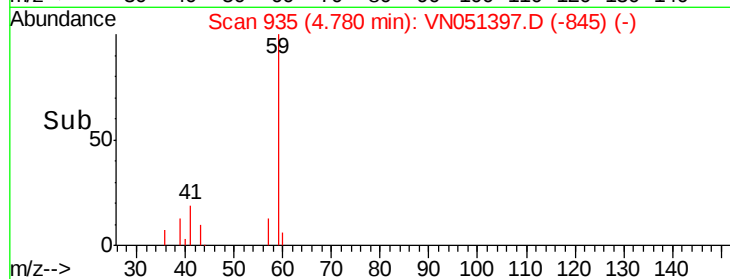
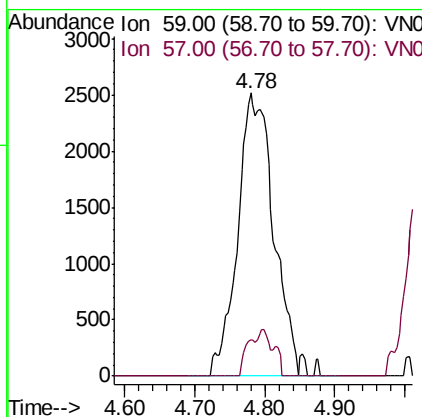
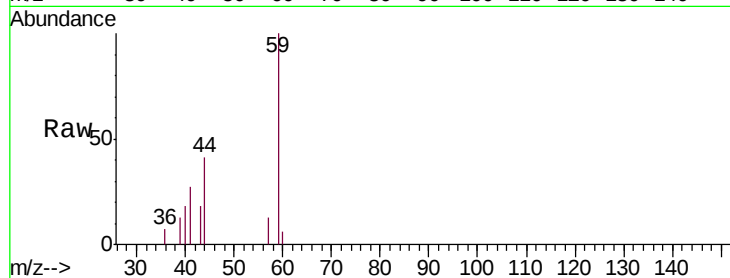
#11
Tert butyl alcohol
Concen: 24.821 ug/l m
RT: 4.78 min Scan# 935
Delta R.T. -0.01 min
Lab File: VN051397.D
Acq: 22 Sep 2018 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

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

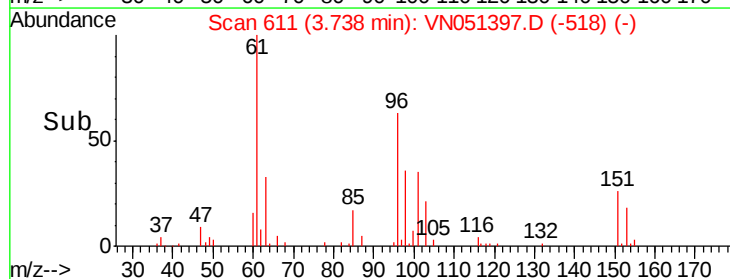
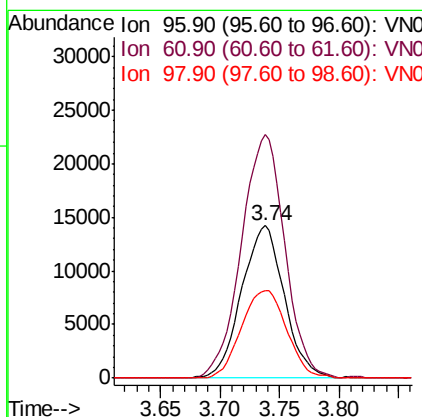
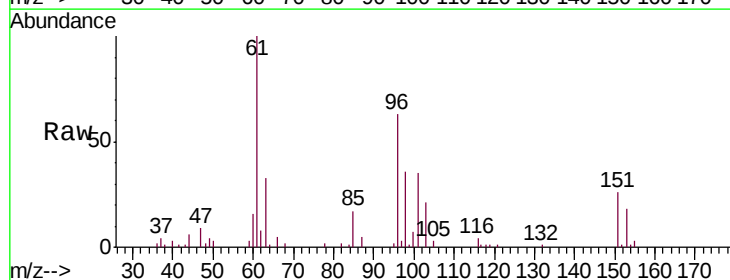
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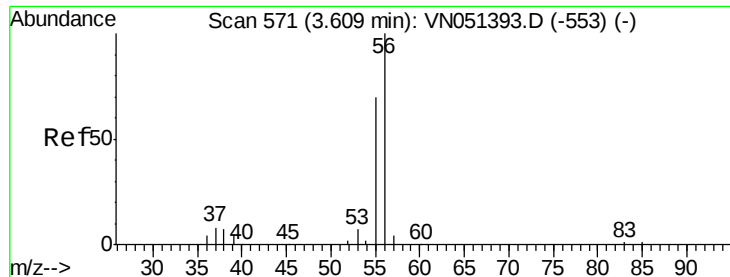
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#12
1,1-Dichloroethene
Concen: 6.088 ug/l
RT: 3.74 min Scan# 611
Delta R.T. 0.00 min
Lab File: VN051397.D
Acq: 22 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.0	133.6	200.4
98	57.6	52.2	78.2





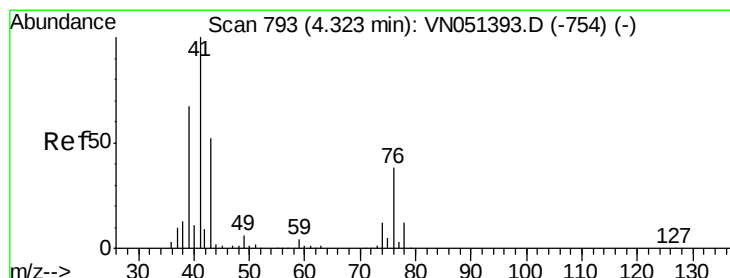
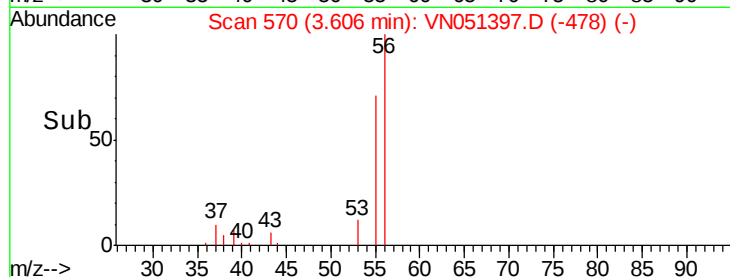
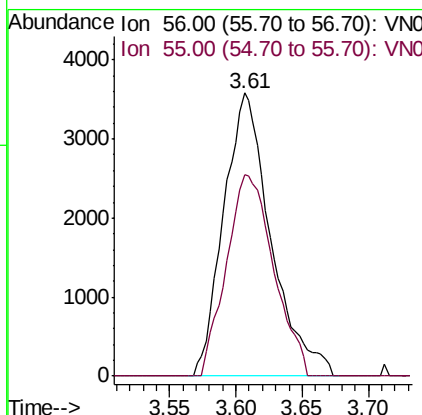
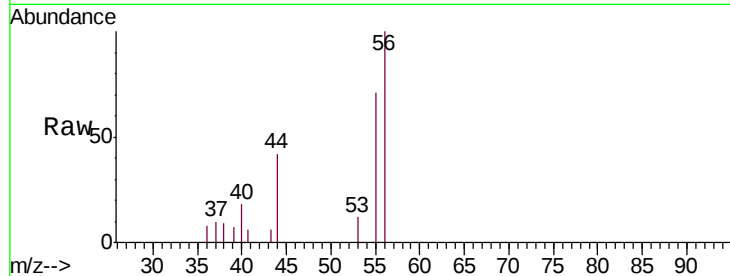
#13
Acrolein
Concen: 24.346 ug/l
RT: 3.61 min Scan# 570
Delta R.T. -0.00 min
Lab File: VN051397.D
Acq: 22 Sep 2018 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
56	100		
55	70.8	57.8	86.8

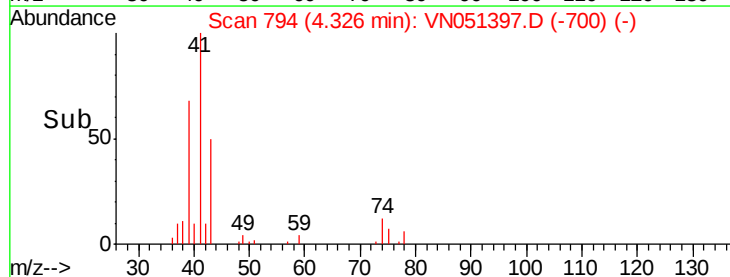
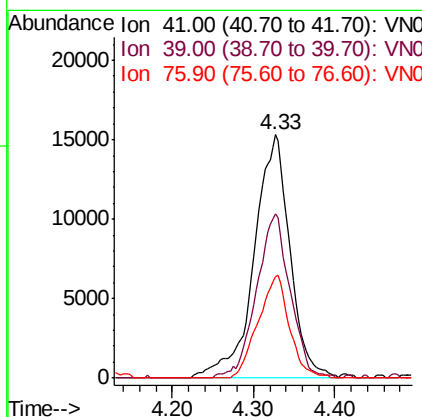
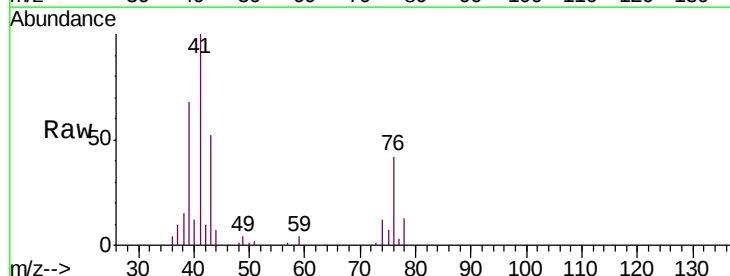
Manual Integrations
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#14
Allyl chloride
Concen: 4.807 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN051397.D
Acq: 22 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
41	100		
39	63.6	51.4	77.2
76	37.0	28.1	42.1





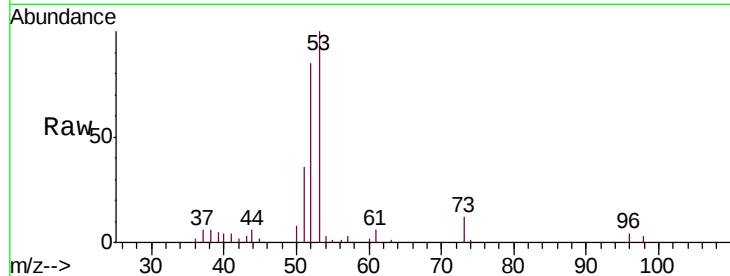
#15
 Acrylonitrile
 Concen: 24.558 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VN051397.D
 Acq: 22 Sep 2018 15:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

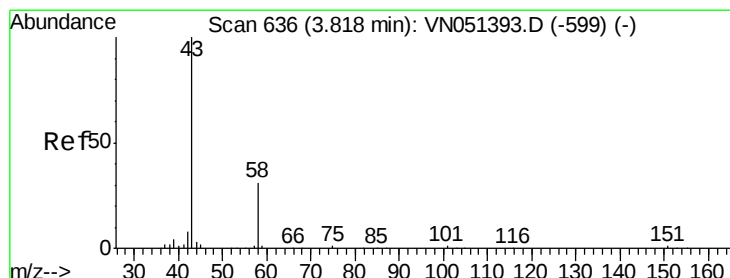
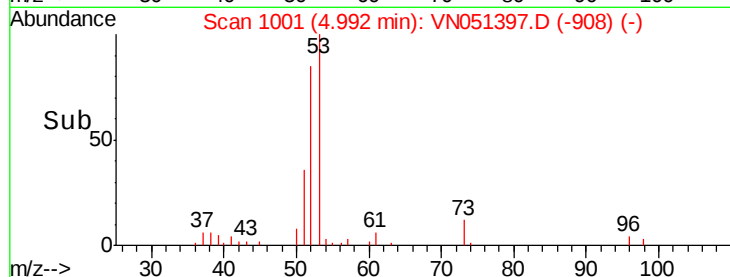
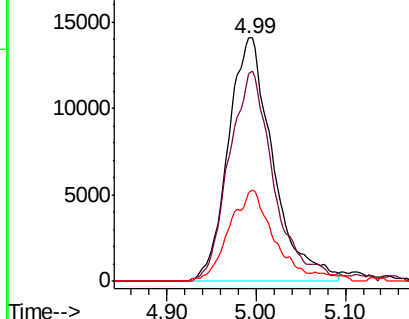
Tgt Ion	Ratio	Lower	Upper
53	100		
52	85.9	66.2	99.2
51	36.6	28.6	42.8

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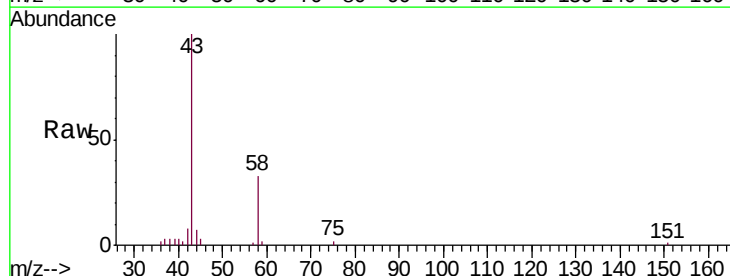


Abundance Ion 53.00 (52.70 to 53.70): VN0
 Ion 52.00 (51.70 to 52.70): VN0
 Ion 51.00 (50.70 to 51.70): VN0

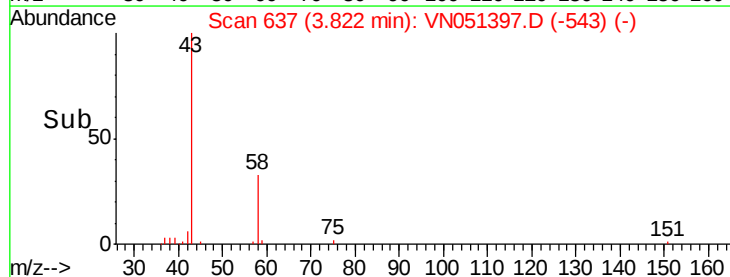
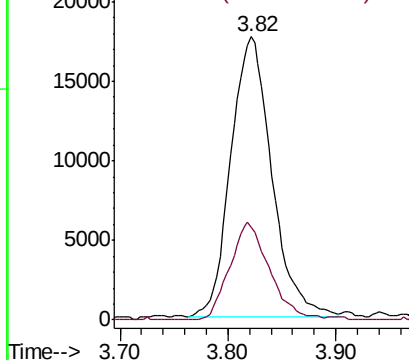


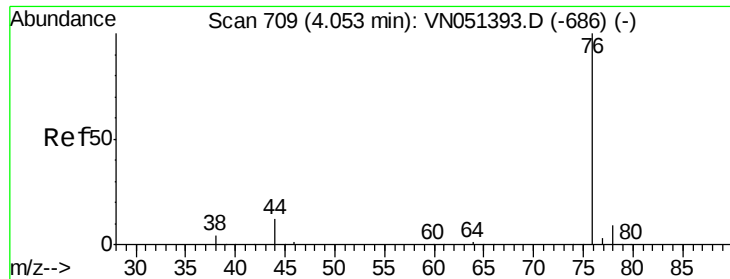
#16
 Acetone
 Concen: 8.872 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: VN051397.D
 Acq: 22 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.0	25.0	37.4



Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0





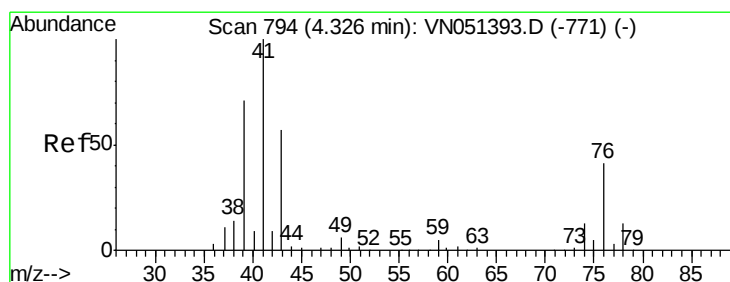
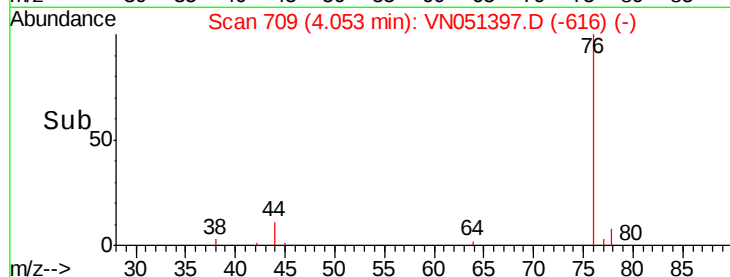
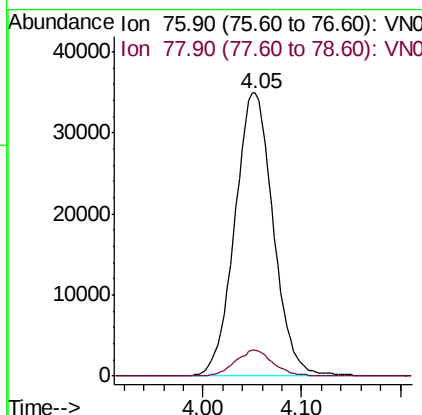
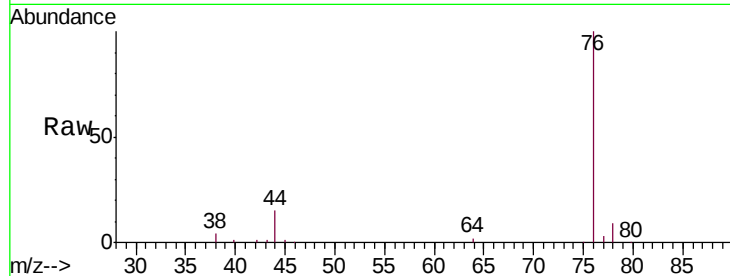
#17
Carbon Disulfide
Concen: 5.544 ug/l
RT: 4.05 min Scan# 709
Delta R.T. 0.00 min
Lab File: VN051397.D
Acq: 22 Sep 2018 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 94208
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

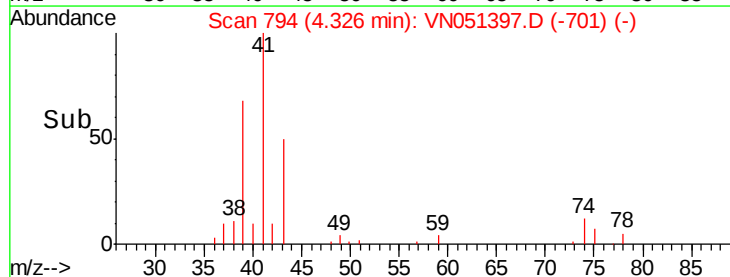
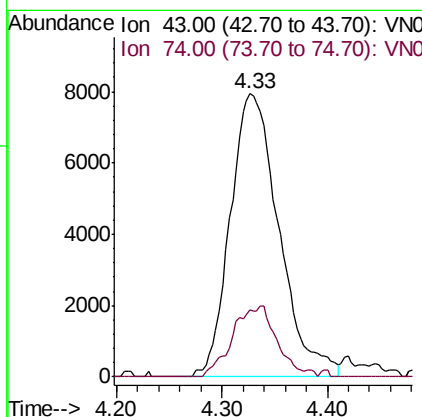
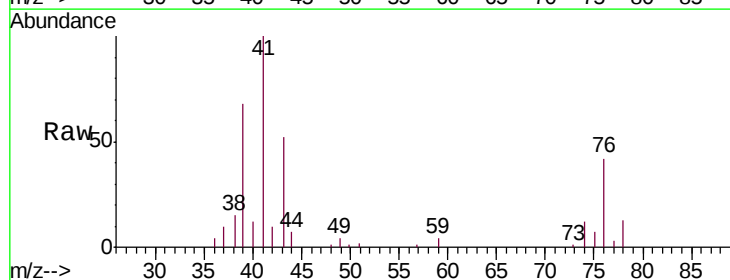
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#18
Methyl Acetate
Concen: 5.137 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN051397.D
Acq: 22 Sep 2018 15:07

Tgt Ion: 43 Resp: 25475
Ion Ratio Lower Upper
43 100
74 22.5 18.8 28.2





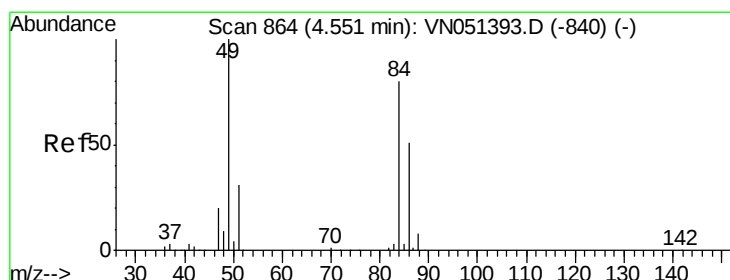
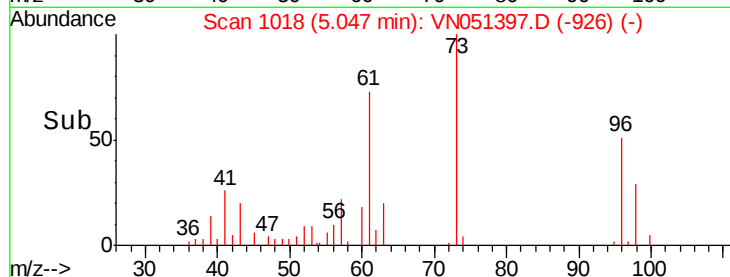
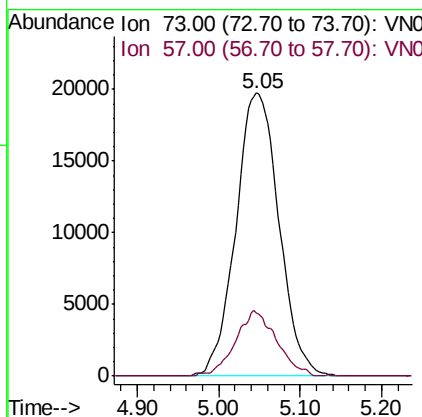
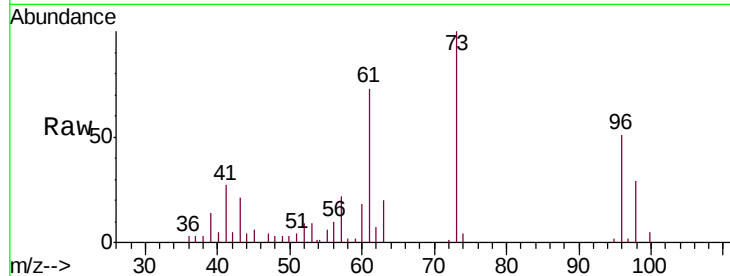
#19
Methyl tert-butyl Ether
Concen: 4.844 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN051397.D
Acq: 22 Sep 2018 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 72255
Ion Ratio Lower Upper
73 100
57 22.4 18.3 27.5

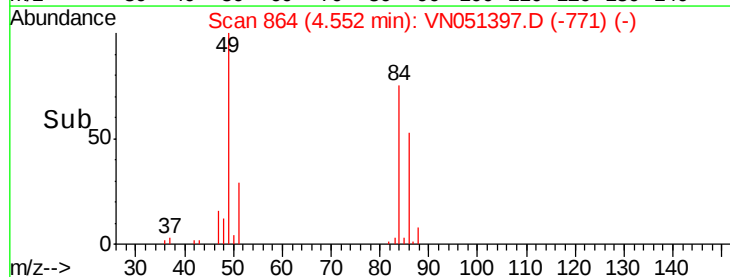
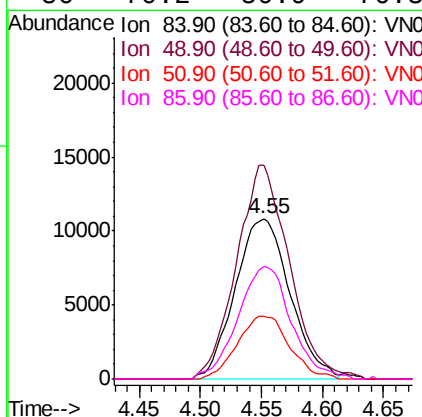
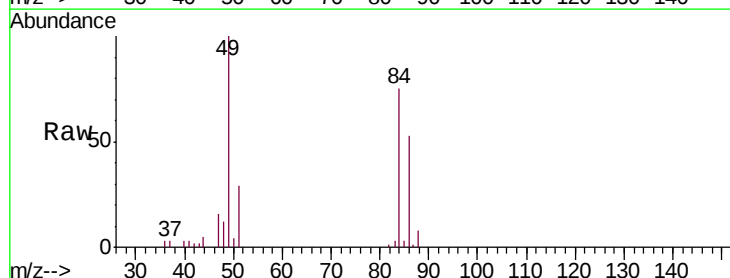
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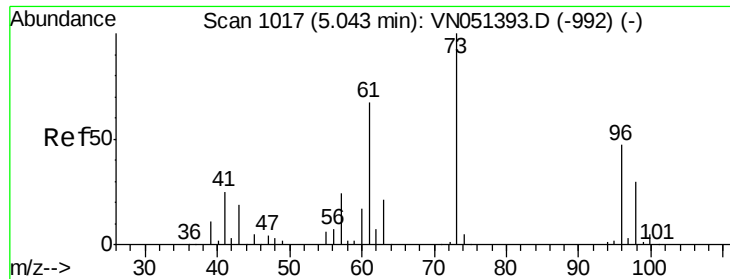
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#20
Methylene Chloride
Concen: 5.240 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN051397.D
Acq: 22 Sep 2018 15:07

Tgt Ion: 84 Resp: 33768
Ion Ratio Lower Upper
84 100
49 133.1 99.9 149.9
51 38.7 31.4 47.2
86 70.2 50.9 76.3





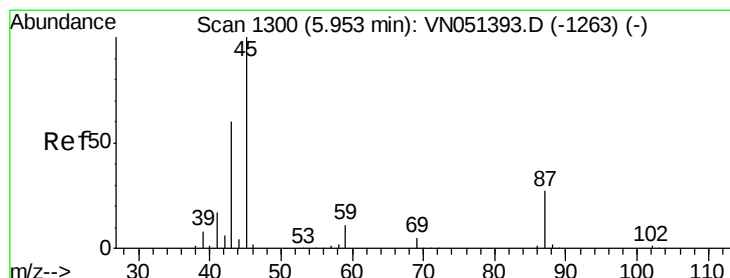
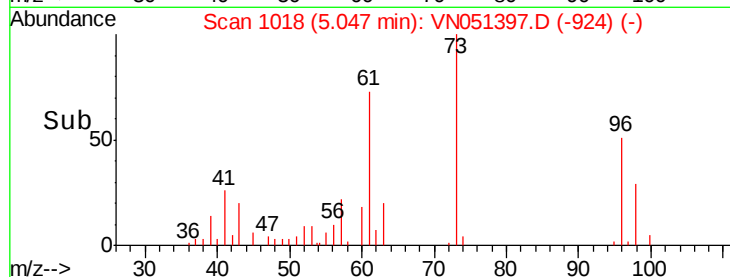
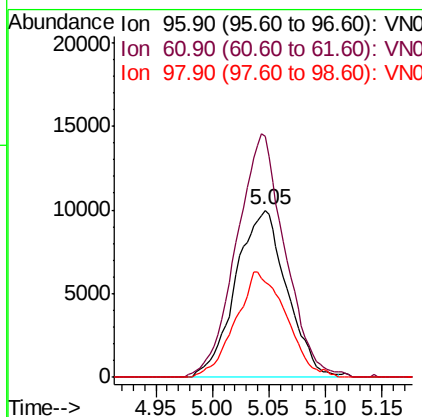
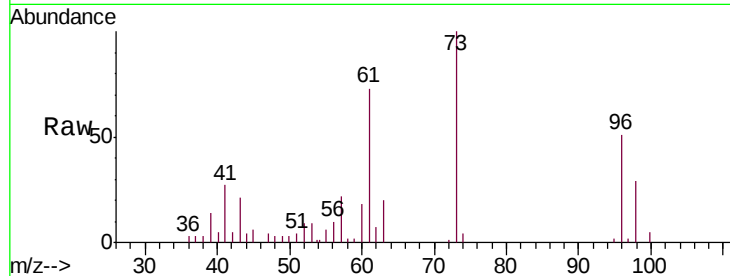
#21
trans-1,2-Dichloroethene
Concen: 5.278 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN051397.D
Acq: 22 Sep 2018 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.1	113.4	170.2
98	57.1	51.1	76.7

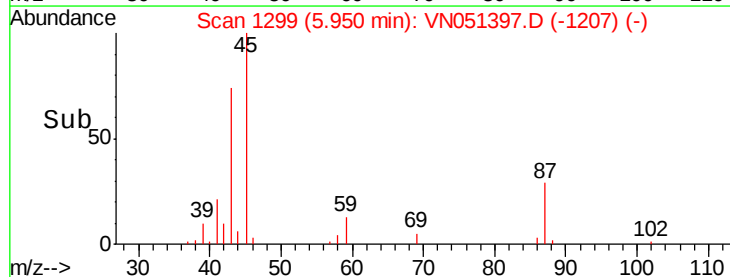
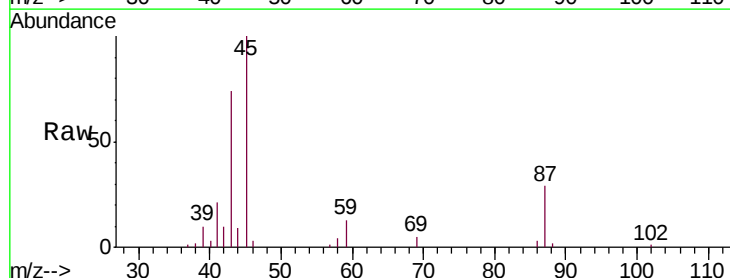
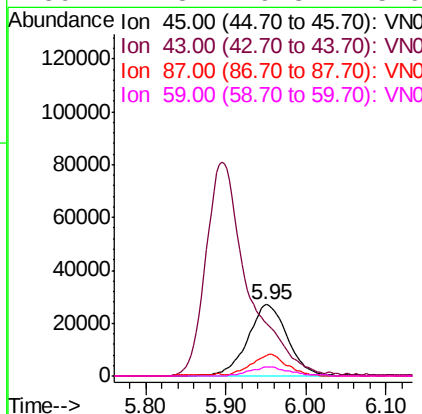
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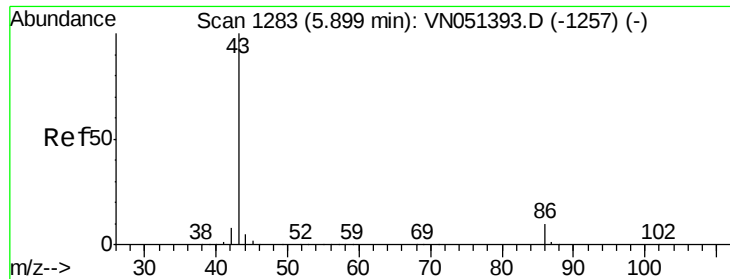
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#22
Diisopropyl ether
Concen: 4.903 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. -0.00 min
Lab File: VN051397.D
Acq: 22 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
45	100		
43	70.9	47.7	71.5
87	28.6	22.0	33.0
59	12.8	9.3	13.9





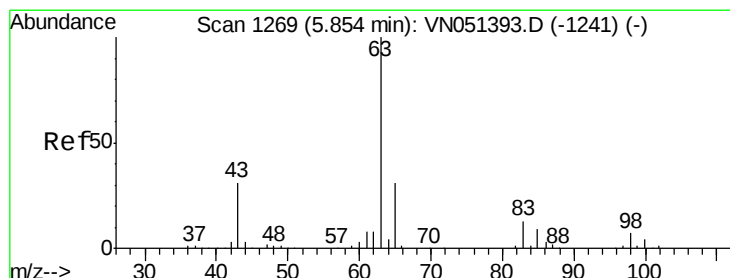
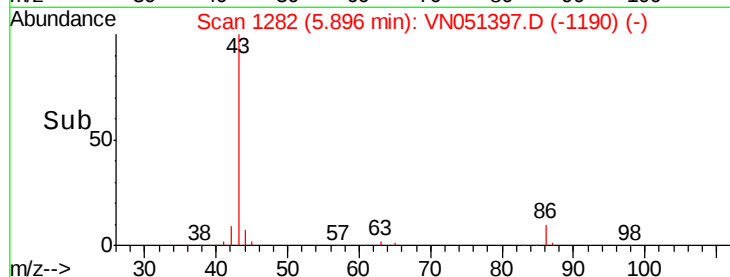
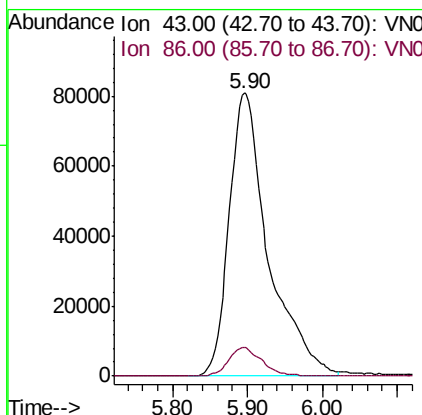
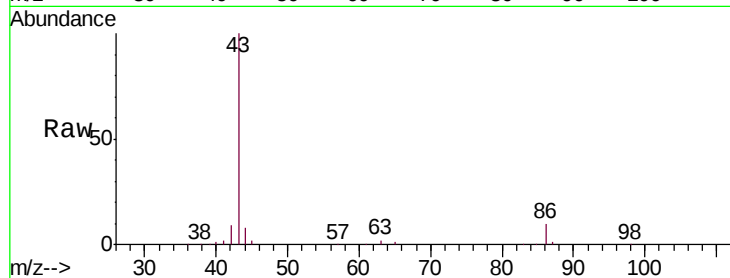
#23
 Vinyl Acetate
 Concen: 23.947 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: VN051397.D
 Acq: 22 Sep 2018 15:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
43	100		
86	10.2	8.2	12.2

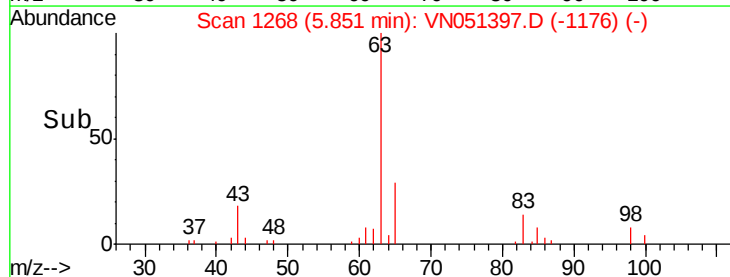
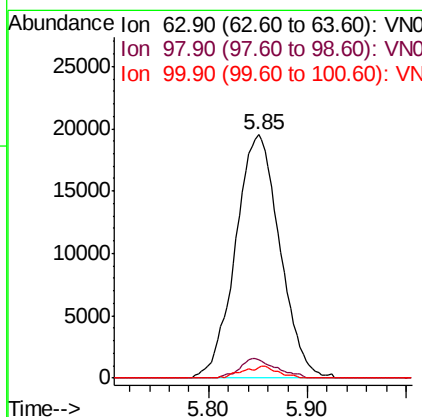
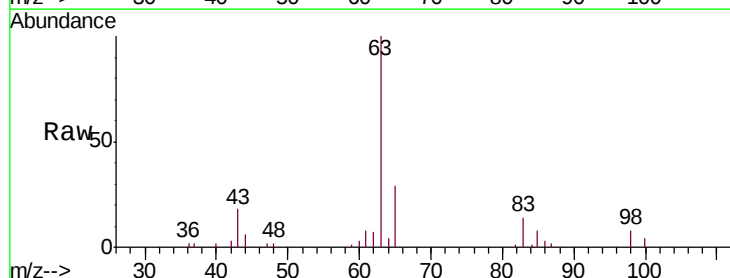
Manual Integrations
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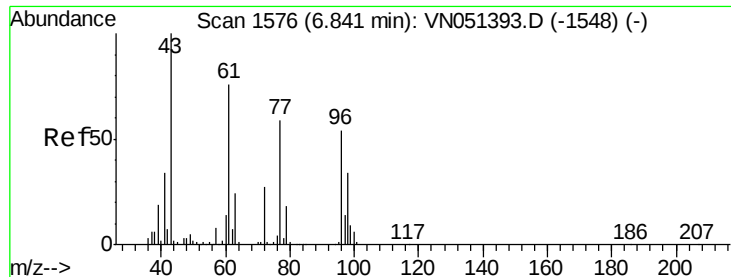
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#24
 1,1-Dichloroethane
 Concen: 5.423 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VN051397.D
 Acq: 22 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.7	3.4	10.1
100	4.2	2.2	6.6





#25

2-Butanone

Concen: 28.735 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. -0.00 min

Lab File: VN051397.D

Acq: 22 Sep 2018 15:07

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

Tgt Ion: 43 Resp: 64048

Ion Ratio Lower Upper

43 100

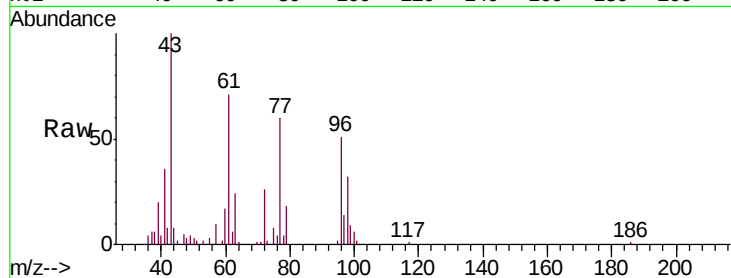
72 26.1 21.8 32.6

Manual Integrations

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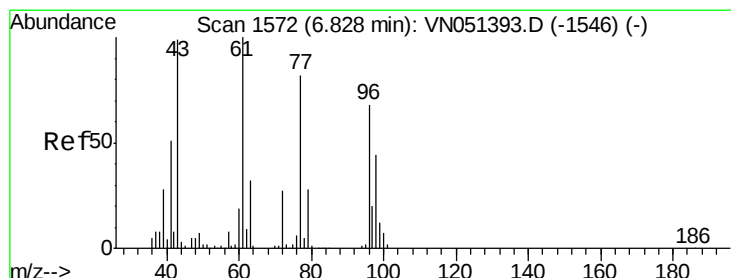
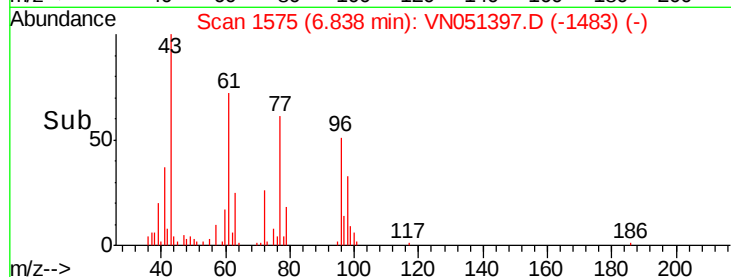
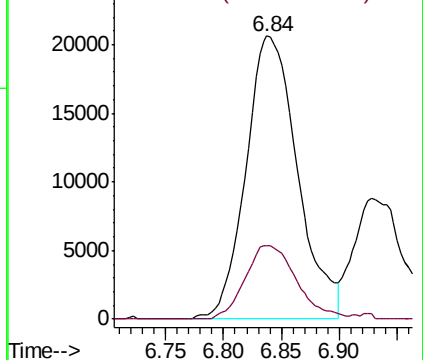
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 5.407 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN051397.D

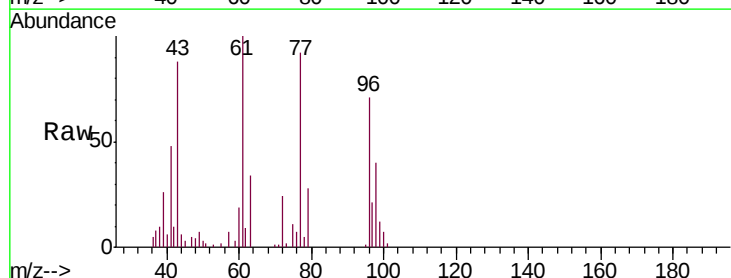
Acq: 22 Sep 2018 15:07

Tgt Ion: 77 Resp: 47242

Ion Ratio Lower Upper

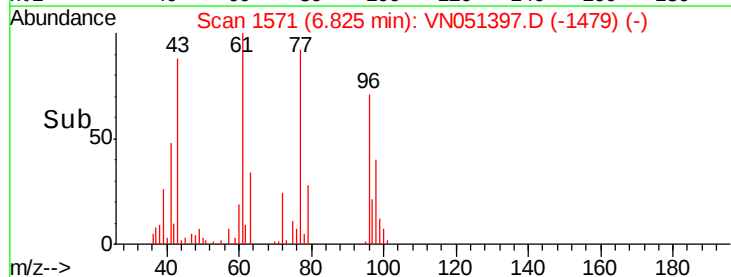
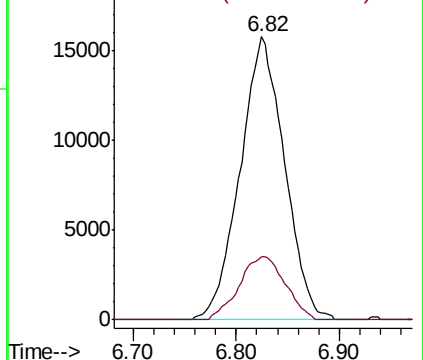
77 100

97 23.2 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





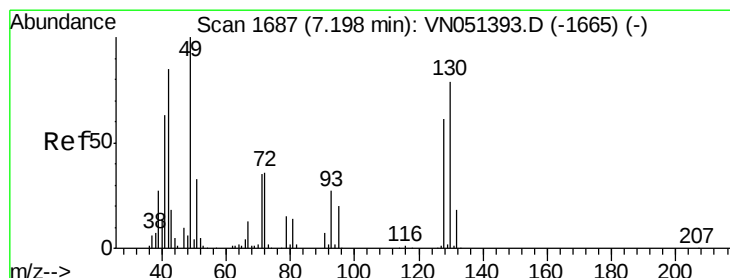
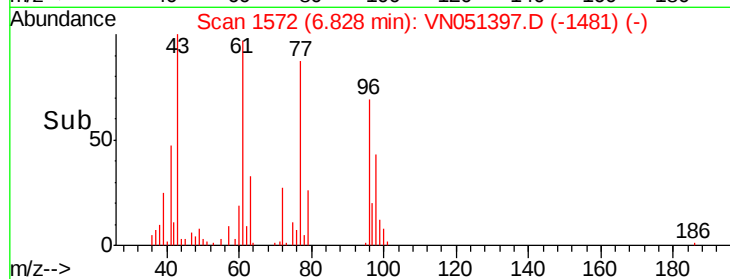
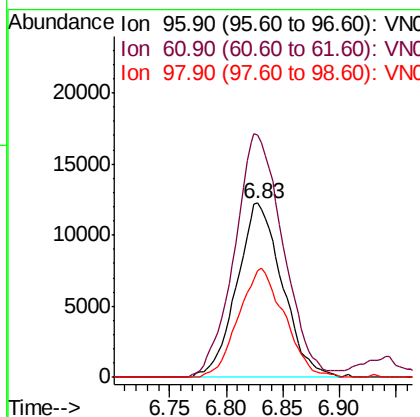
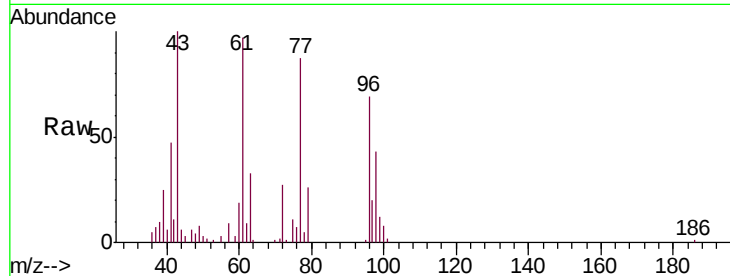
#27
 cis-1,2-Dichloroethene
 Concen: 5.277 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: VN051397.D
 Acq: 22 Sep 2018 15:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.5	0.0	291.4
98	63.2	0.0	128.4

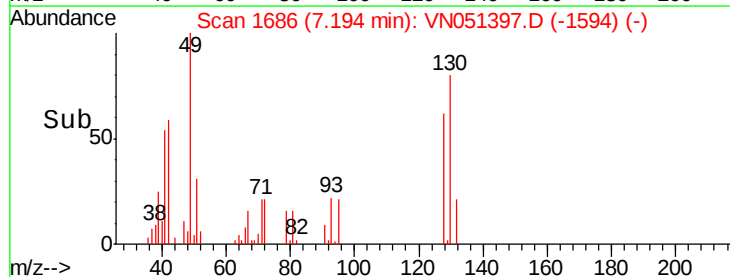
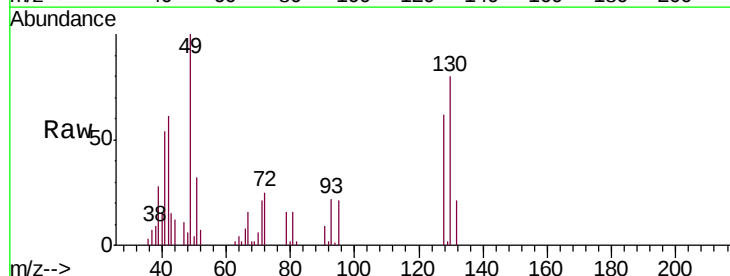
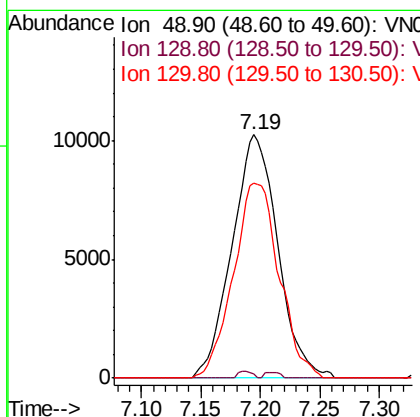
Manual Integrations
 APPROVED

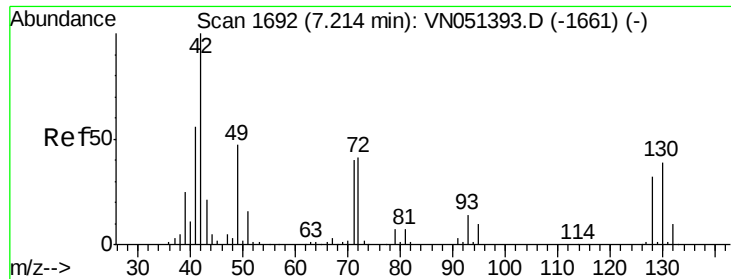
MMDadoda
 9/24/2018 2:15:22 PM



#28
 Bromochloromethane
 Concen: 5.278 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: VN051397.D
 Acq: 22 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	3.8
130	80.3	63.0	94.4





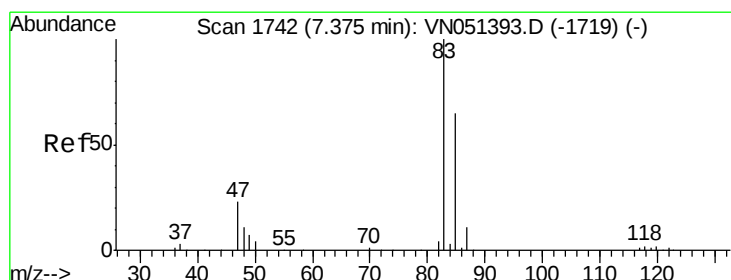
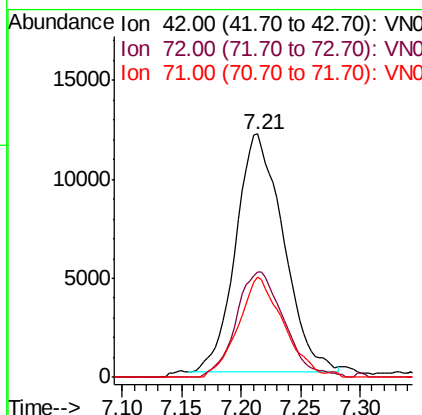
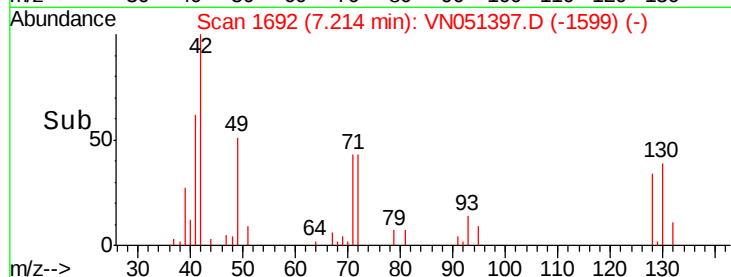
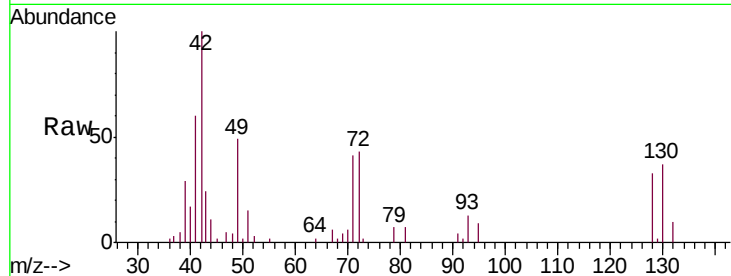
#29
Tetrahydrofuran
Concen: 23.666 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN051397.D
Acq: 22 Sep 2018 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
42	100		
72	44.6	34.3	51.5
71	39.5	32.2	48.4

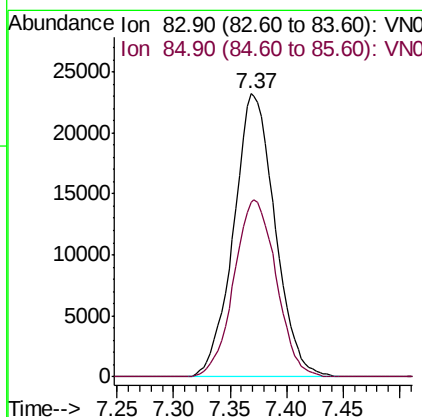
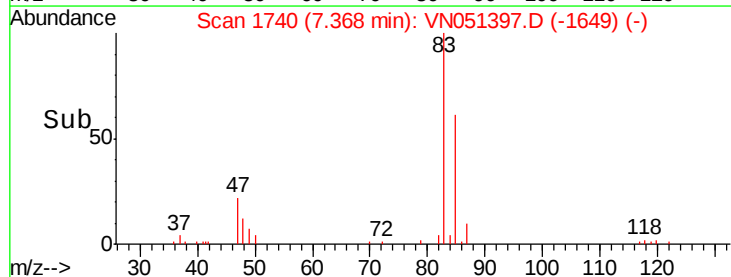
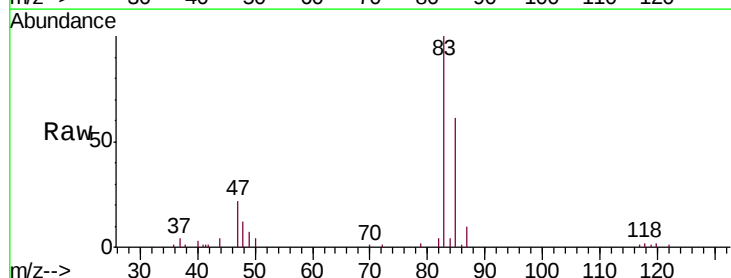
Manual Integrations
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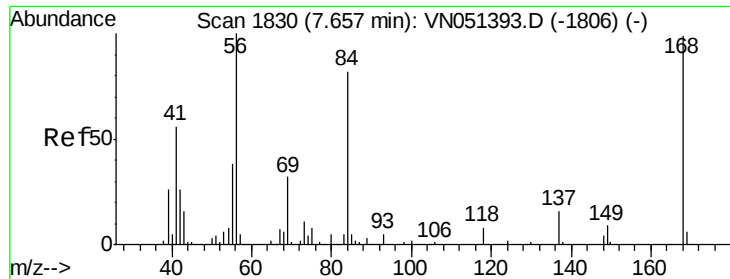
MMDadoda
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#30
Chloroform
Concen: 5.329 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VN051397.D
Acq: 22 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.5	51.8	77.6





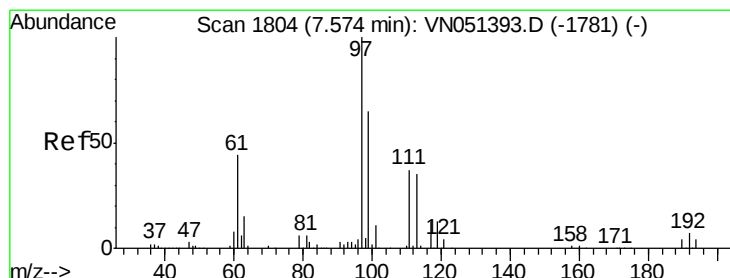
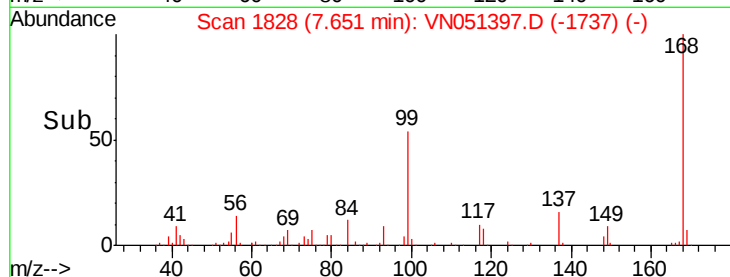
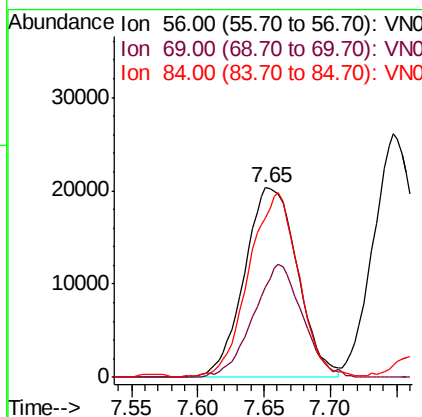
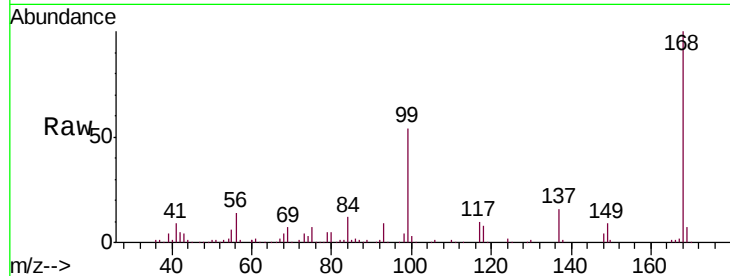
#31
Cyclohexane
Concen: 5.544 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.01 min
Lab File: VN051397.D
Acq: 22 Sep 2018 15:07

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
56	100		
69	47.5	25.8	38.6#
84	83.0	66.0	99.0

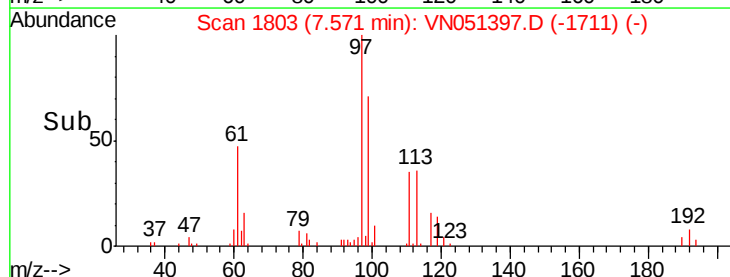
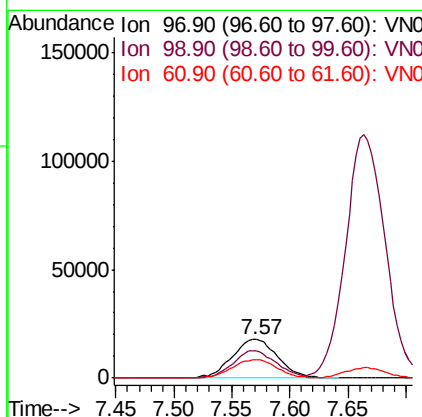
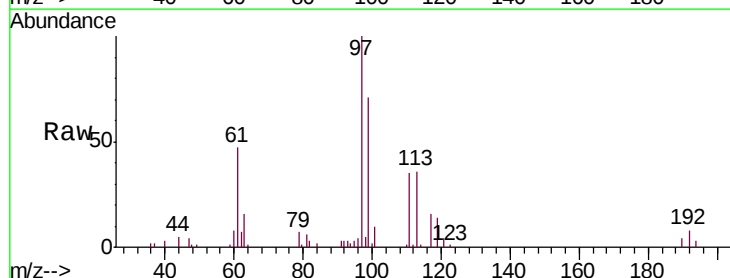
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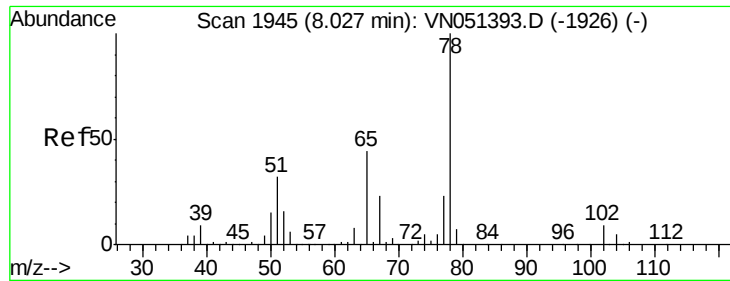
MMDadoda
9/24/2018 2:15:22 PM



#32
1,1,1-Trichloroethane
Concen: 5.138 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN051397.D
Acq: 22 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.7	51.4	77.0
61	47.2	35.8	53.8





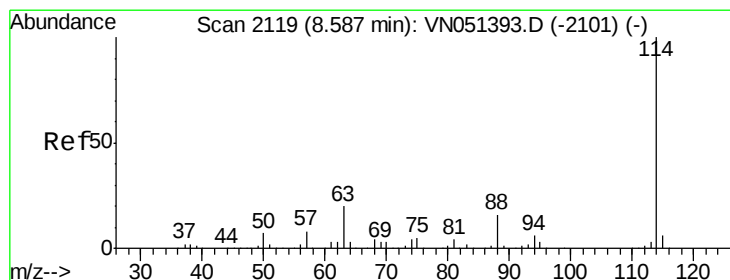
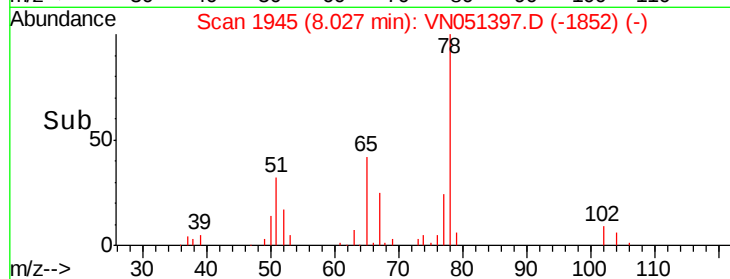
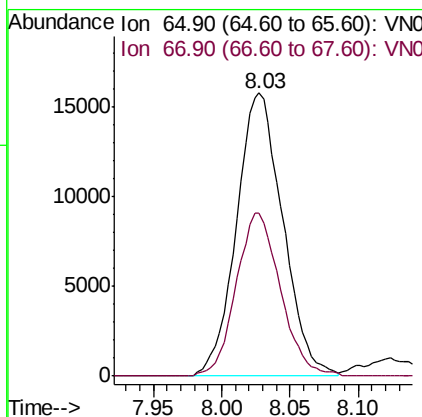
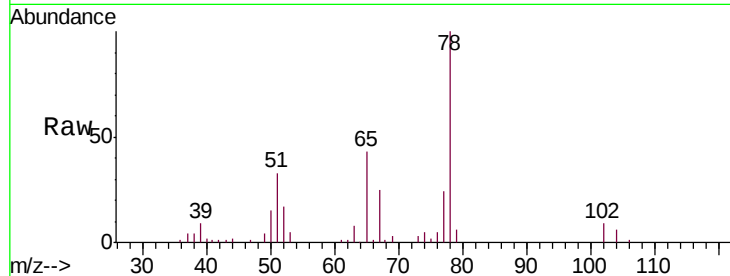
#33
 1,2-Dichloroethane-d4
 Concen: 5.726 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN051397.D
 Acq: 22 Sep 2018 15:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 65 Resp: 37287
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 107.8

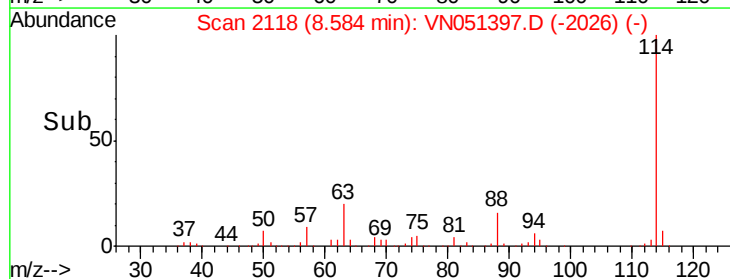
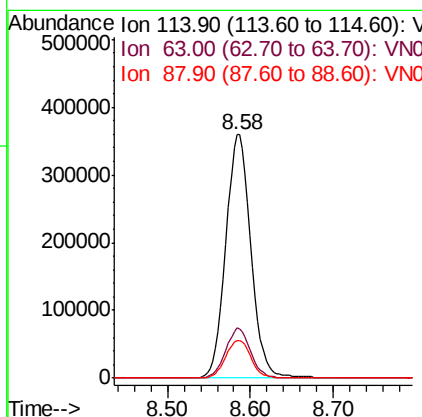
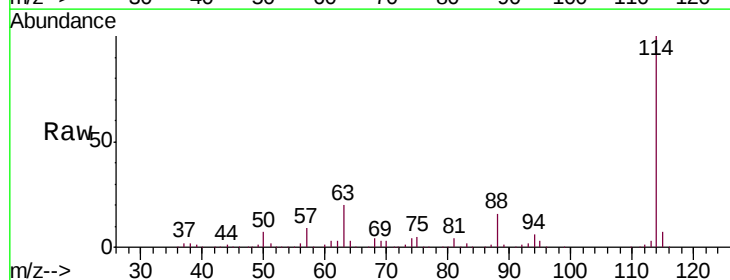
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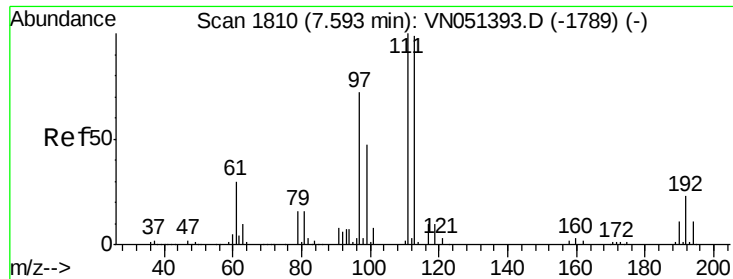
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN051397.D
 Acq: 22 Sep 2018 15:07

Tgt Ion: 114 Resp: 758262
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.2
 88 15.5 0.0 31.4





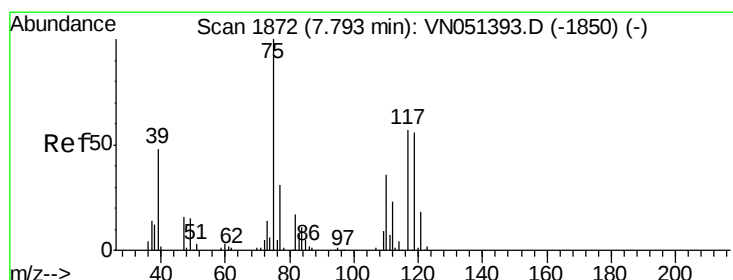
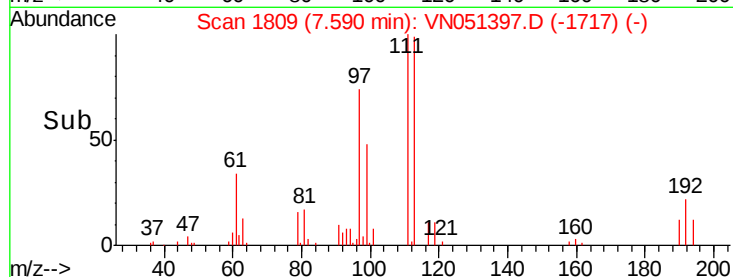
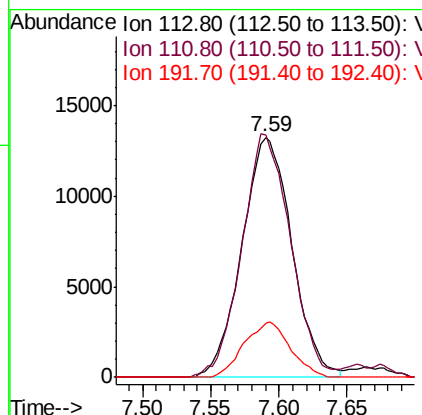
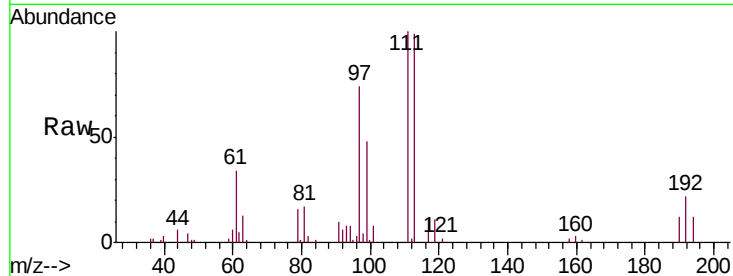
#35
 Dibromofluoromethane
 Concen: 5.551 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051397.D
 Acq: 22 Sep 2018 15:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	33660		
111	98.6	82.6	123.8	
192	21.3	18.0	27.0	

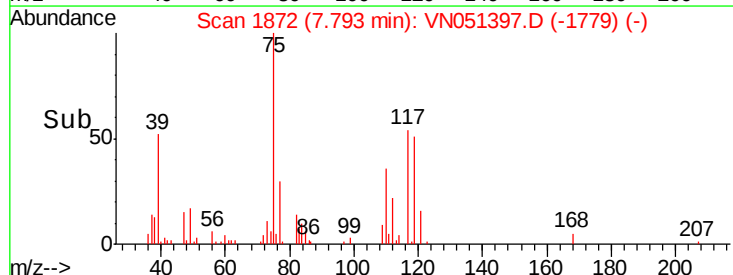
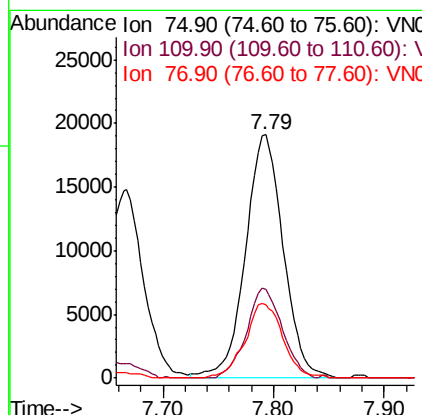
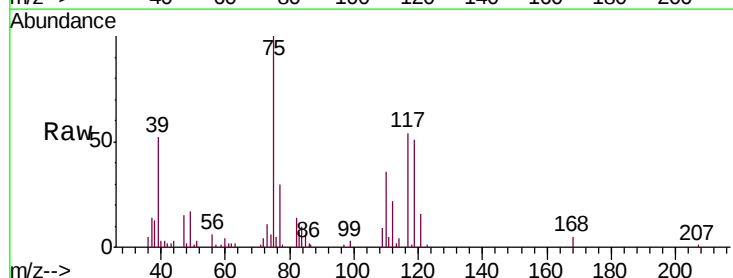
Manual Integrations
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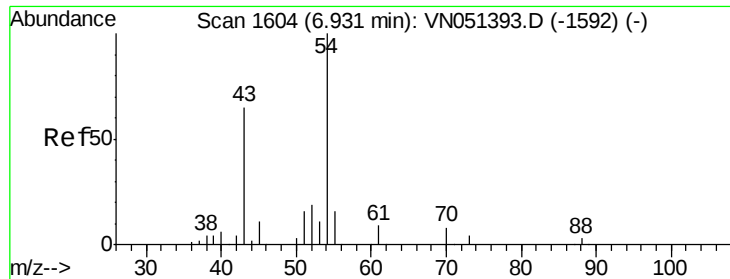
MMDadoda
 9/24/2018 2:15:22 PM



#36
 1,1-Dichloropropene
 Concen: 5.168 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN051397.D
 Acq: 22 Sep 2018 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	45380		
110	34.9	18.1	54.3	
77	30.7	25.6	38.4	





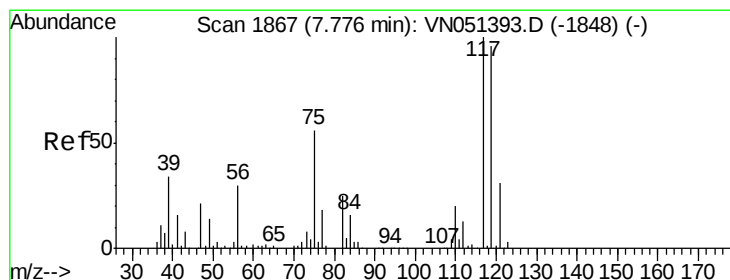
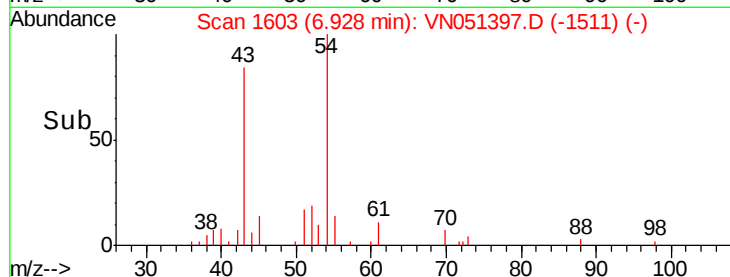
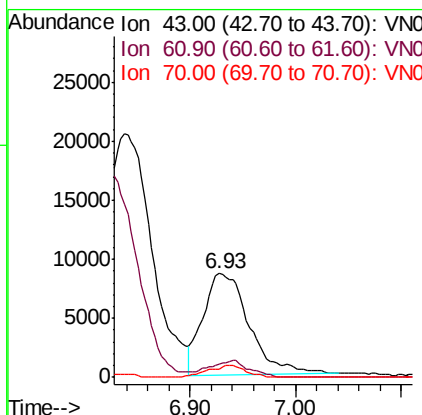
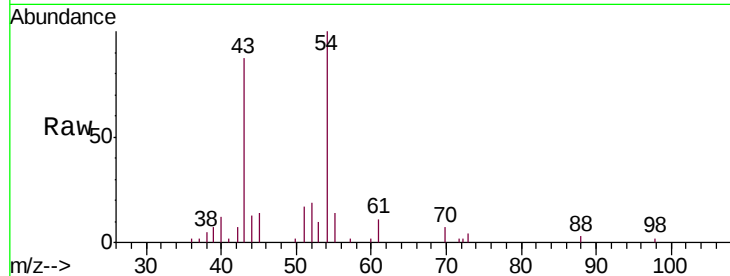
#37
Ethyl Acetate
Concen: 5.192 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN051397.D
Acq: 22 Sep 2018 15:07

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.5	17.3
70	9.6	7.9	11.9

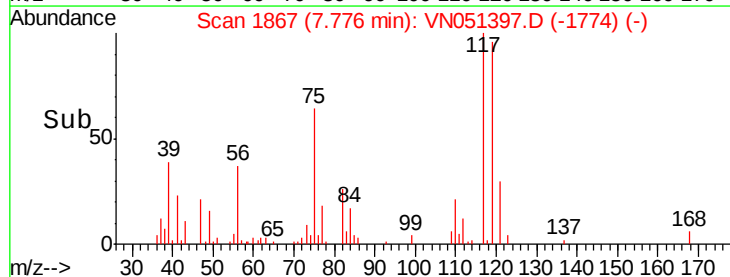
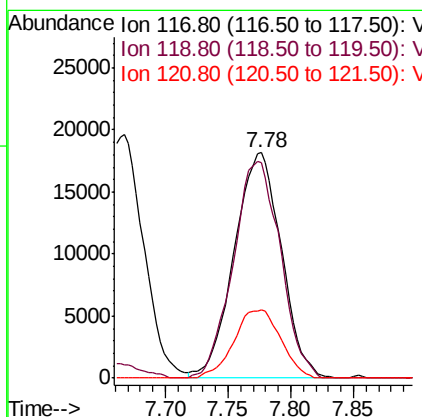
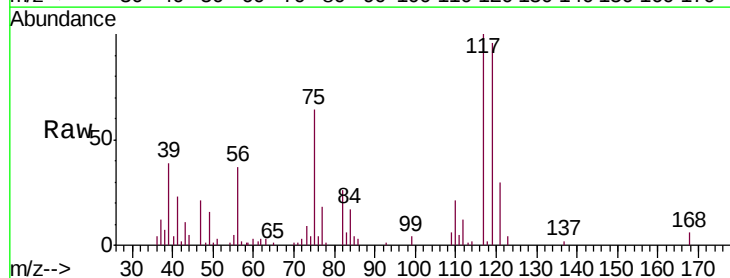
Manual Integrations
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#38
Carbon Tetrachloride
Concen: 5.164 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN051397.D
Acq: 22 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.9	115.3
121	30.1	24.6	37.0





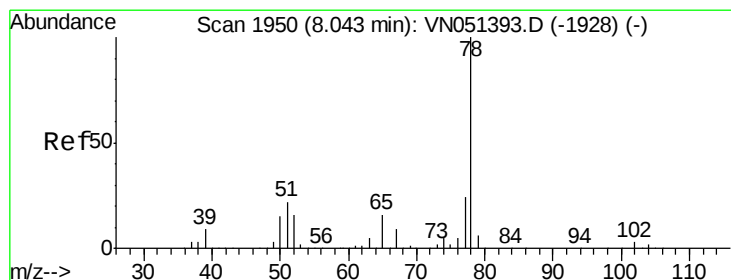
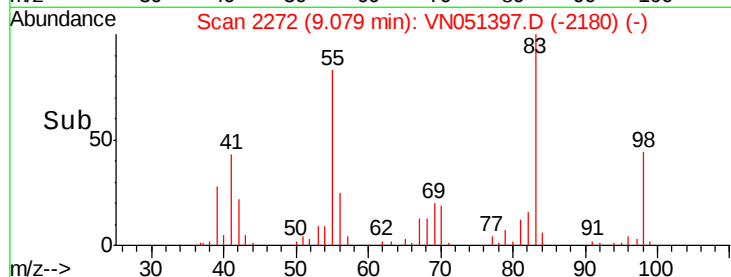
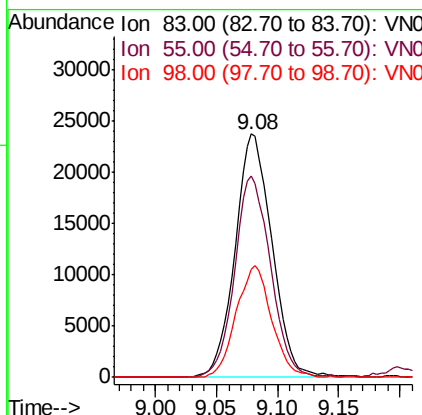
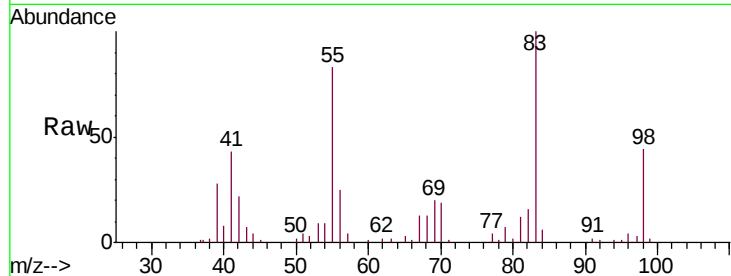
#39
Methylcyclohexane
Concen: 4.844 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN051397.D
Acq: 22 Sep 2018 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
83	100		
55	82.5	61.0	91.4
98	44.1	35.6	53.4

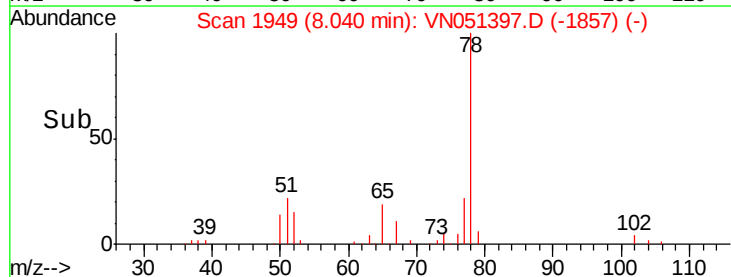
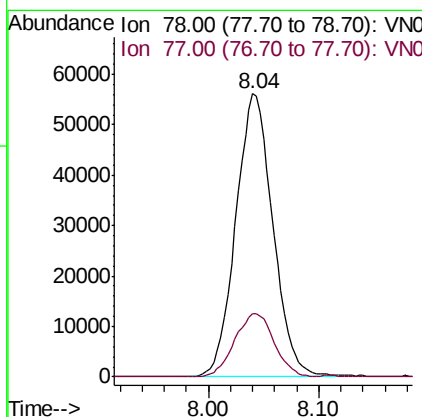
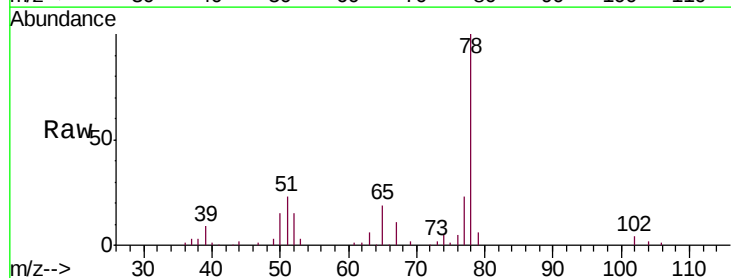
Manual Integrations
APPROVED

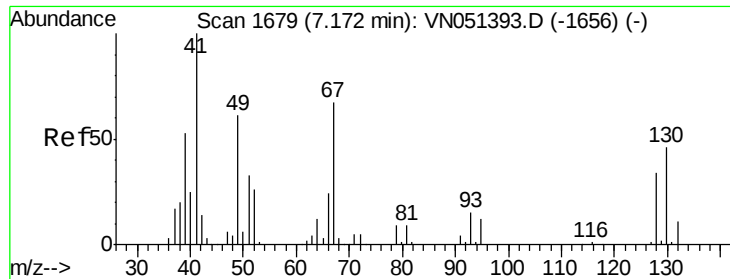
MMDadoda
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#40
Benzene
Concen: 5.075 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN051397.D
Acq: 22 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.5	19.2	28.8





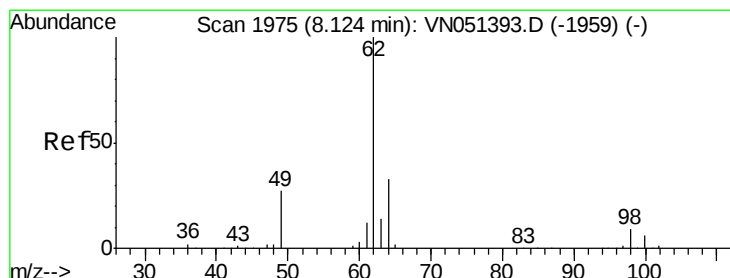
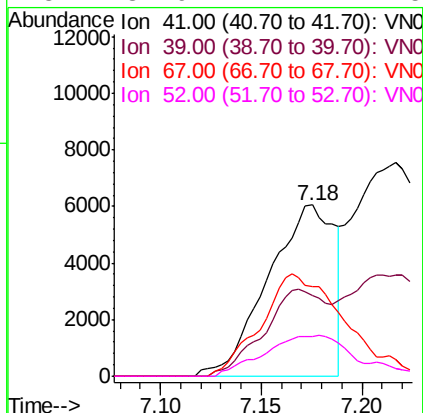
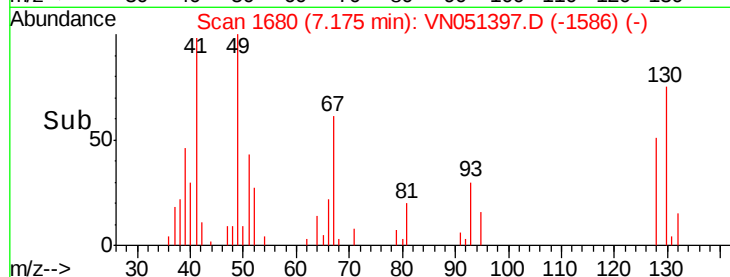
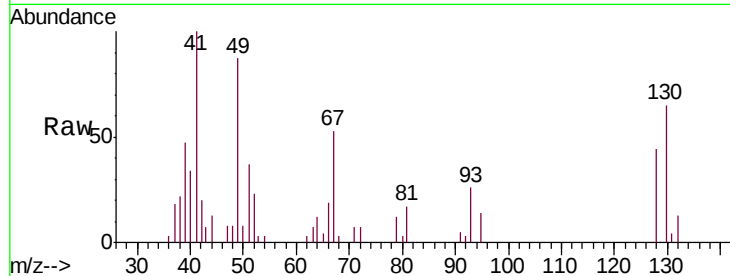
#41
Methacrylonitrile
Concen: 4.945 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN051397.D
Acq: 22 Sep 2018 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 41 Resp: 13813
Ion Ratio Lower Upper
41 100
39 48.0 51.4 77.2#
67 75.7 66.8 100.2
52 32.9 27.7 41.5

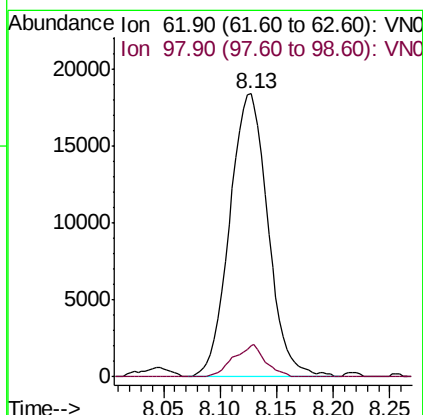
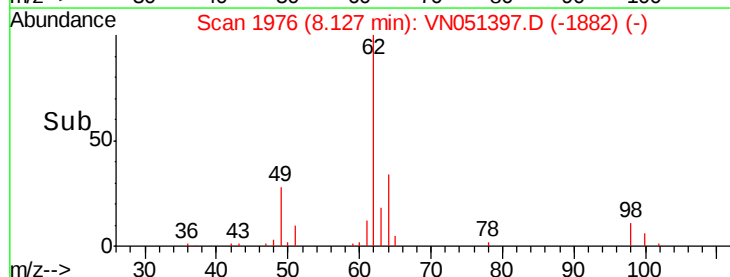
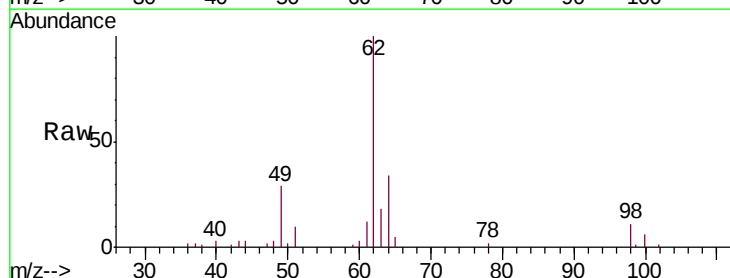
Manual Integrations
APPROVED

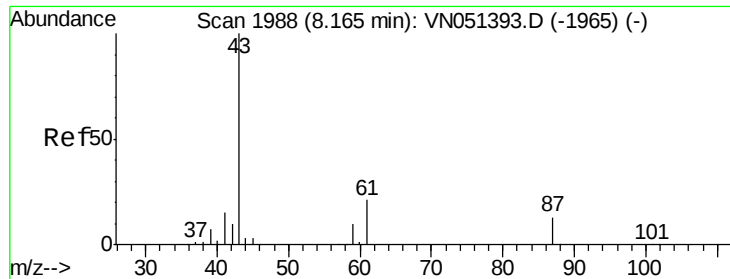
MMDadoda
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#42
1,2-Dichloroethane
Concen: 5.267 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN051397.D
Acq: 22 Sep 2018 15:07

Tgt Ion: 62 Resp: 43481
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.6





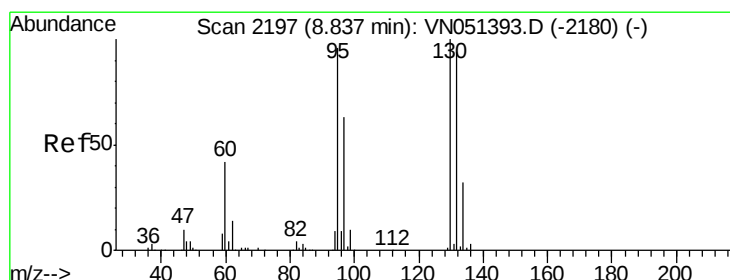
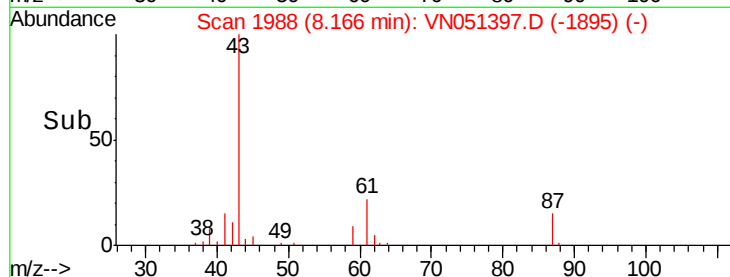
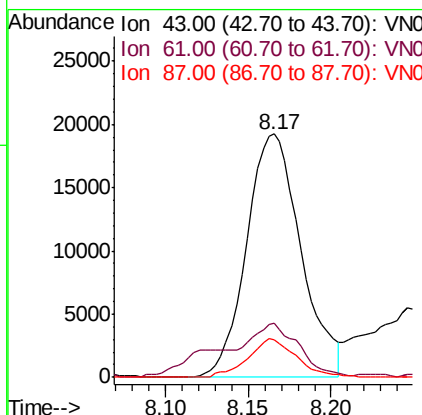
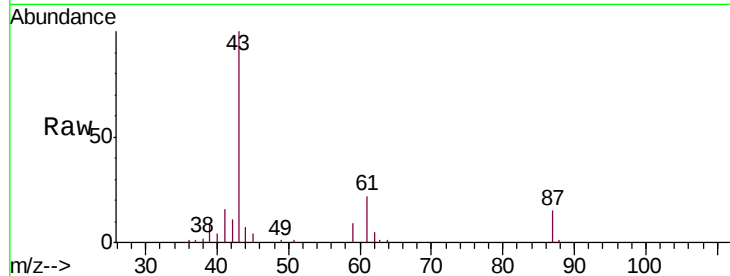
#43
Isopropyl Acetate
Concen: 4.819 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN051397.D
Acq: 22 Sep 2018 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.1	16.8	25.2
87	14.2	10.7	16.1

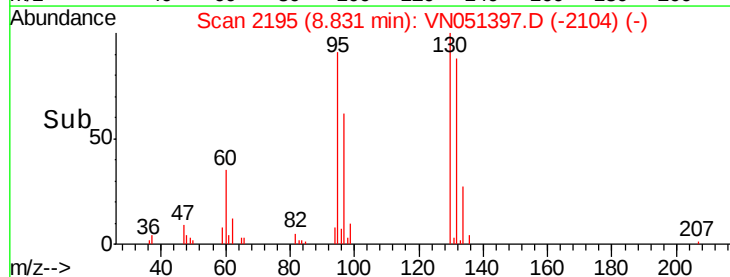
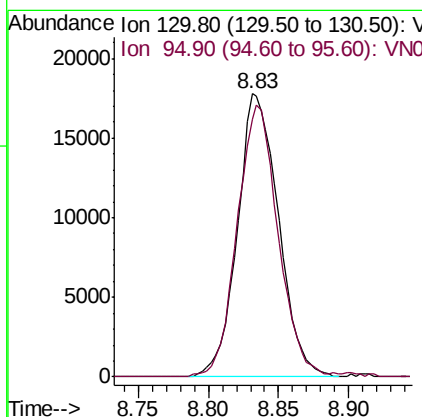
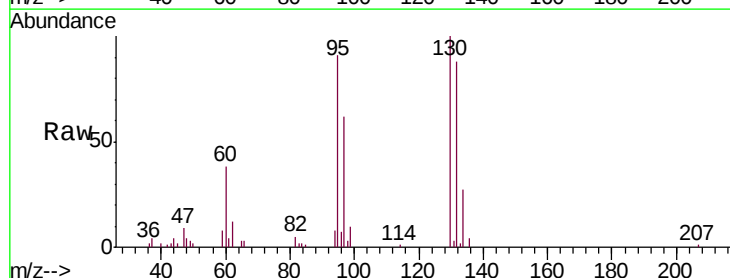
Manual Integrations
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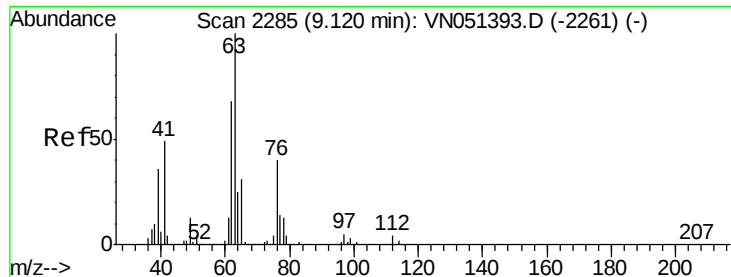
MMDadoda
9/24/2018 2:15:22 PM



#44
Trichloroethene
Concen: 5.288 ug/l
RT: 8.83 min Scan# 2195
Delta R.T. -0.01 min
Lab File: VN051397.D
Acq: 22 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.9	0.0	192.2





#45

1,2-Dichloropropane

Concen: 5.165 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN051397.D

Acq: 22 Sep 2018 15:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 36202

Ion Ratio Lower Upper

63 100

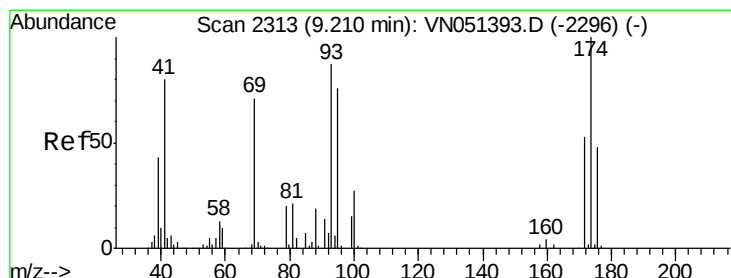
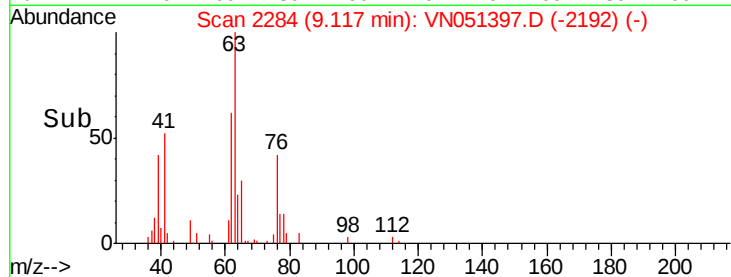
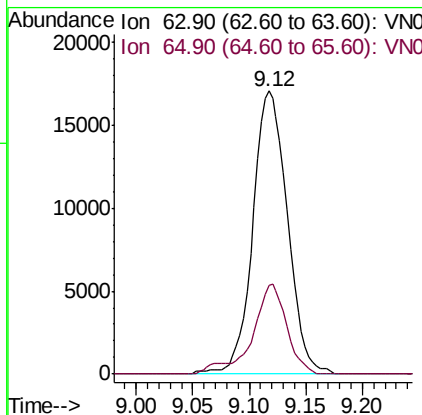
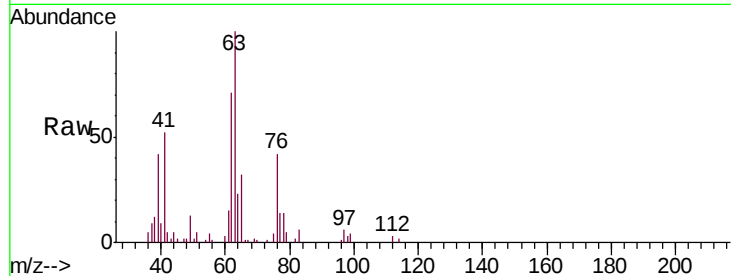
65 31.5 24.9 37.3

Manual Integrations

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#46

Dibromomethane

Concen: 5.071 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN051397.D

Acq: 22 Sep 2018 15:07

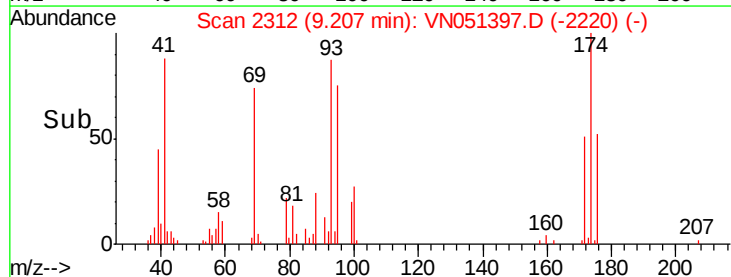
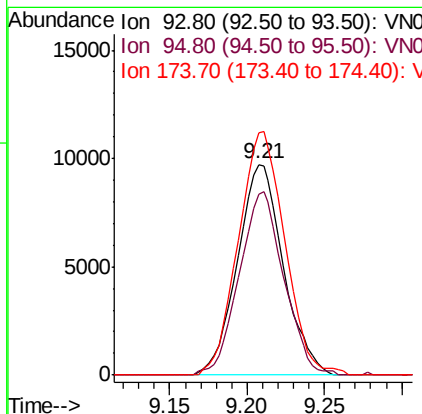
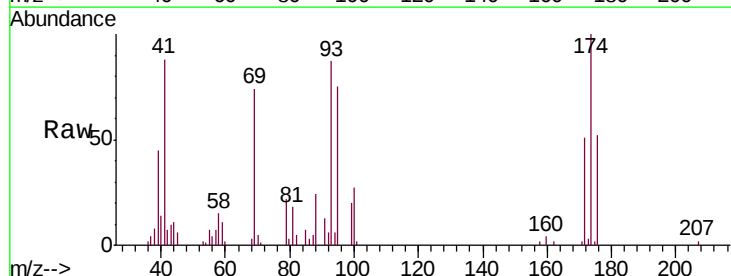
Tgt Ion: 93 Resp: 20082

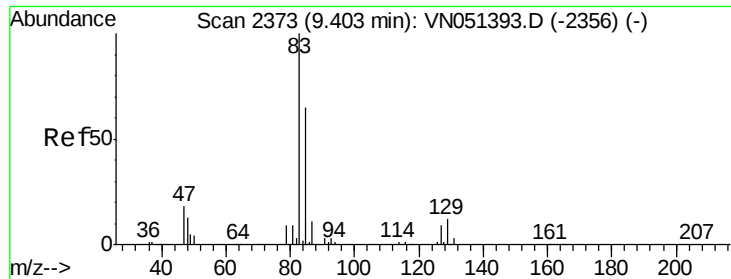
Ion Ratio Lower Upper

93 100

95 84.3 67.6 101.4

174 117.0 89.6 134.4





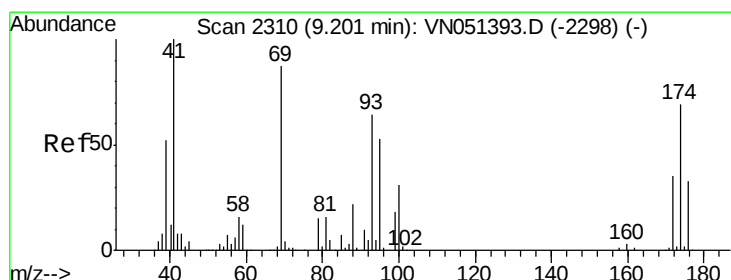
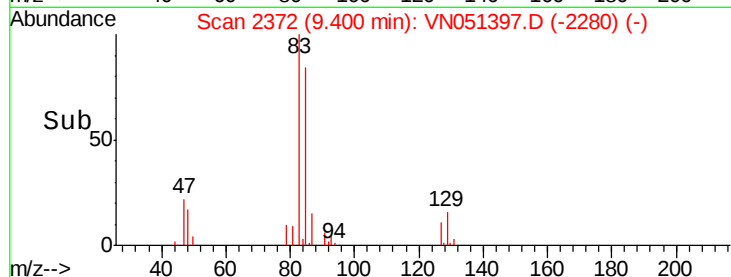
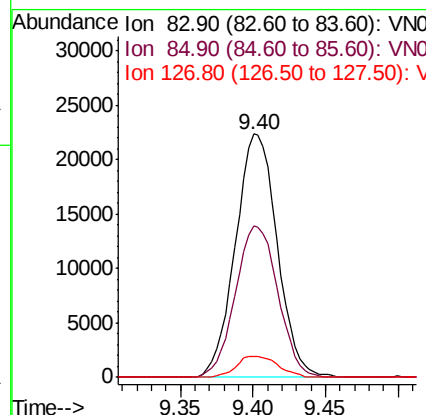
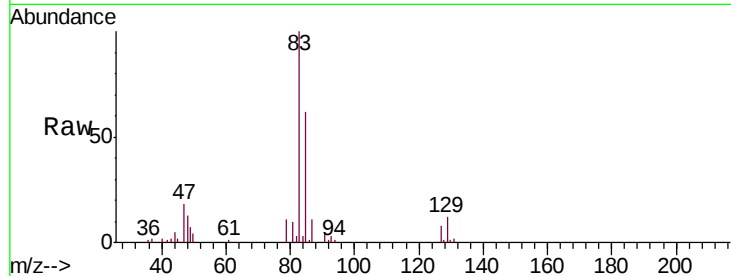
#47
Bromodichloromethane
Concen: 5.103 ug/l
RT: 9.40 min Scan# 2372
Delta R.T. -0.00 min
Lab File: VN051397.D
Acq: 22 Sep 2018 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.4	51.8	77.6
127	8.5	7.4	11.2

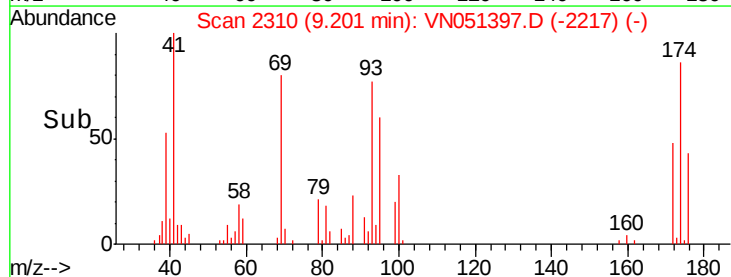
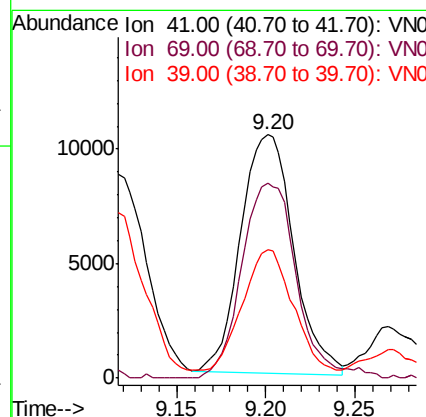
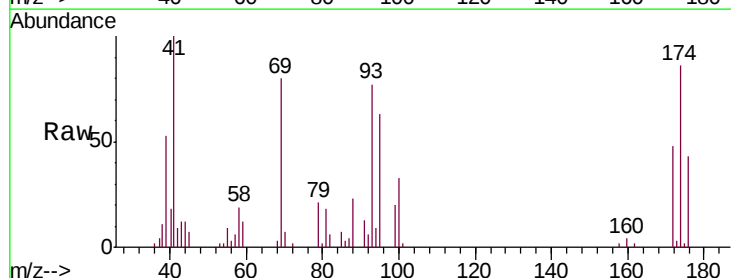
Manual Integrations
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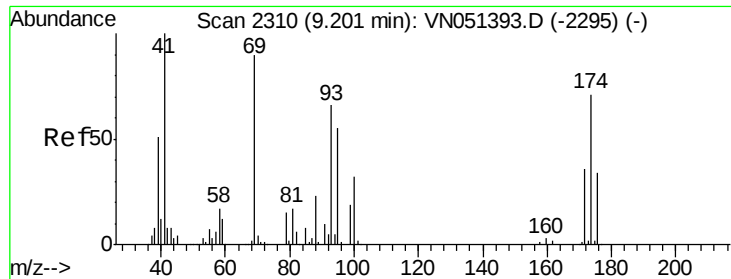
MMDadoda
9/24/2018 2:15:22 PM



#48
Methyl methacrylate
Concen: 4.741 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN051397.D
Acq: 22 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
41	100		
69	85.0	70.4	105.6
39	54.6	43.8	65.8





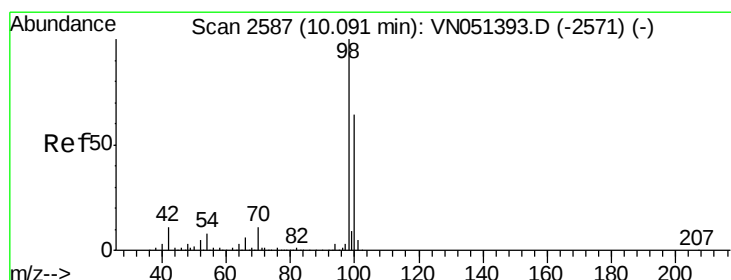
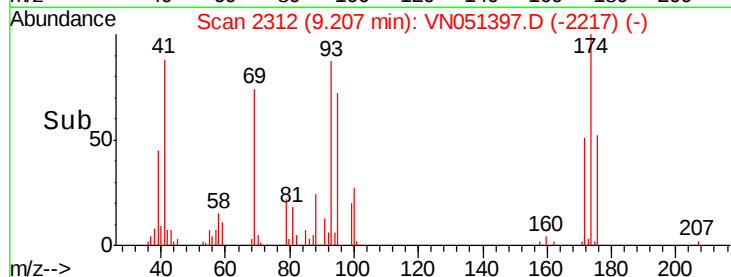
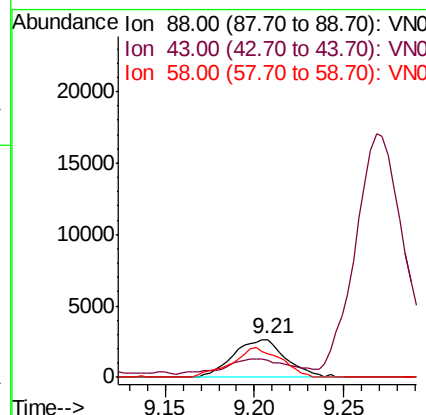
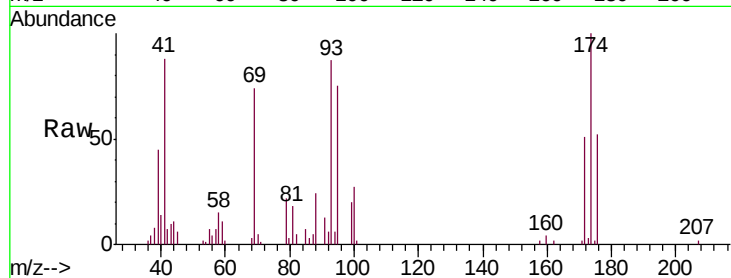
#49
1,4-Dioxane
Concen: 97.272 ug/l
RT: 9.21 min Scan# 2312
Delta R.T. 0.01 min
Lab File: VN051397.D
Acq: 22 Sep 2018 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
88	100		
43	47.5	25.9	38.9#
58	73.8	57.0	85.4

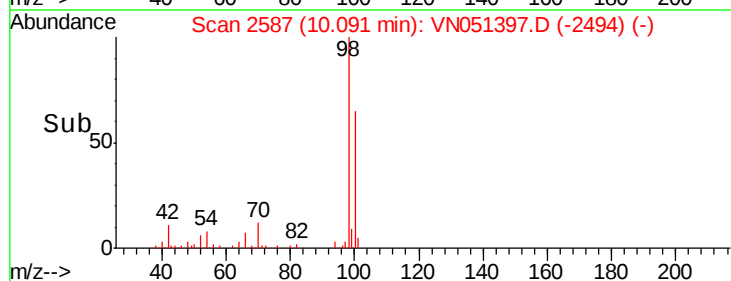
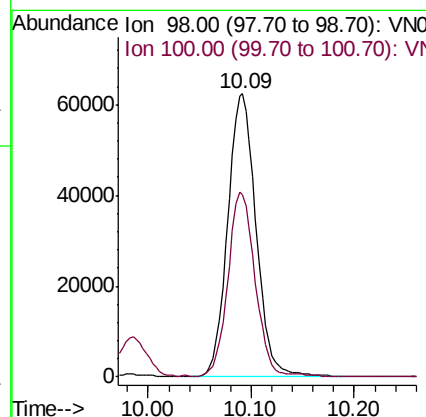
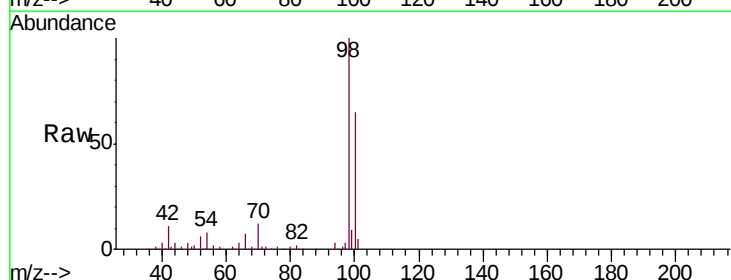
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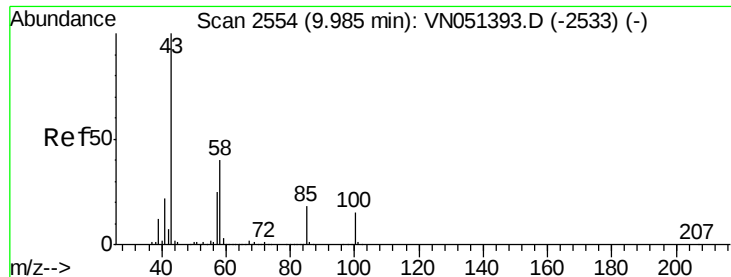
MMDadoda
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#50
Toluene-d8
Concen: 5.243 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051397.D
Acq: 22 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.4	50.6	75.8





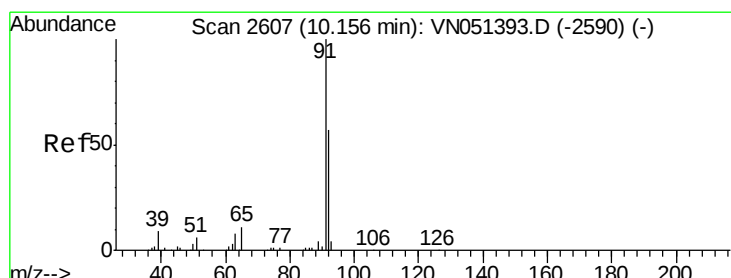
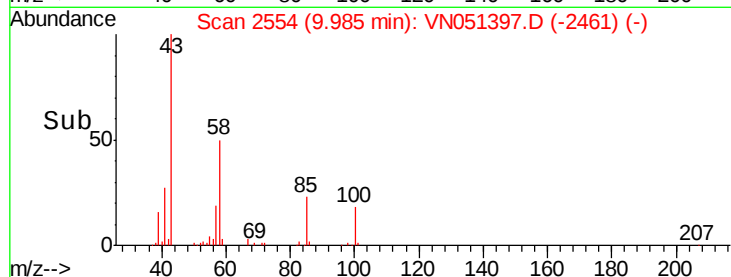
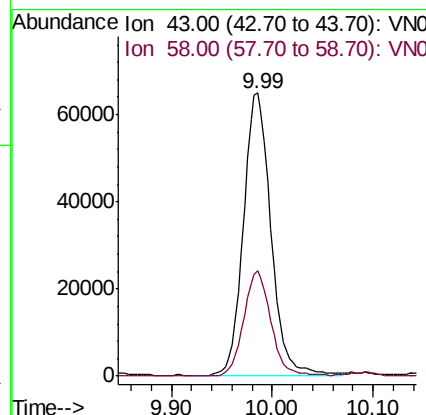
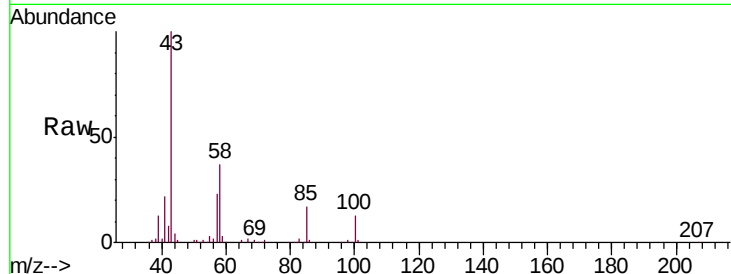
#51
4-Methyl-2-Pentanone
Concen: 24.570 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN051397.D
Acq: 22 Sep 2018 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.5	31.5	47.3

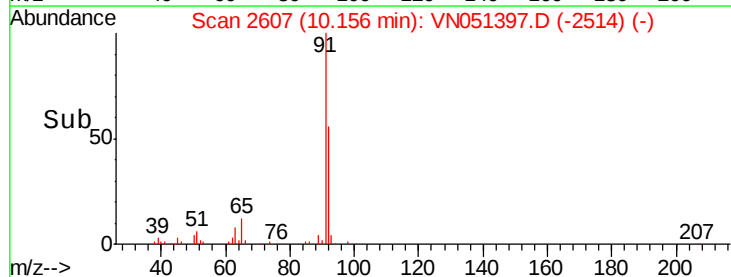
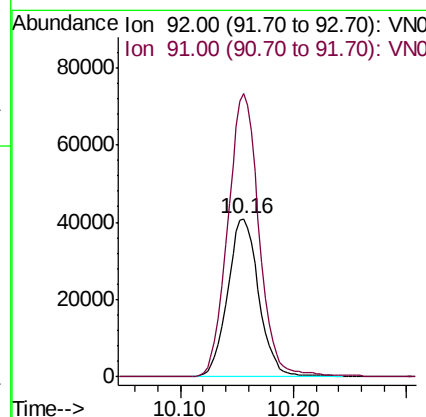
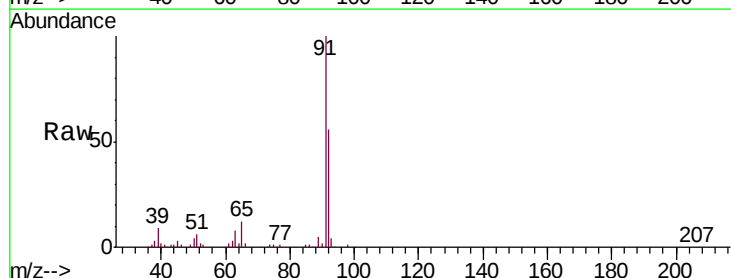
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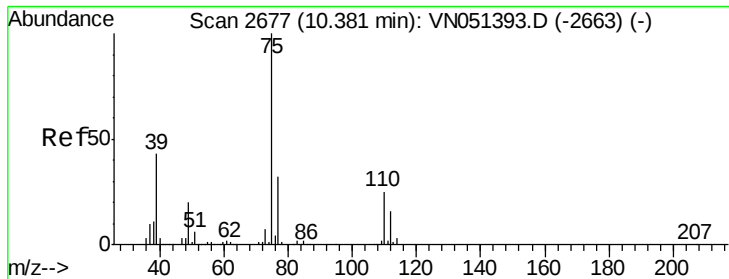
MMDadoda
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#52
Toluene
Concen: 4.914 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN051397.D
Acq: 22 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
92	100		
91	178.8	142.2	213.4





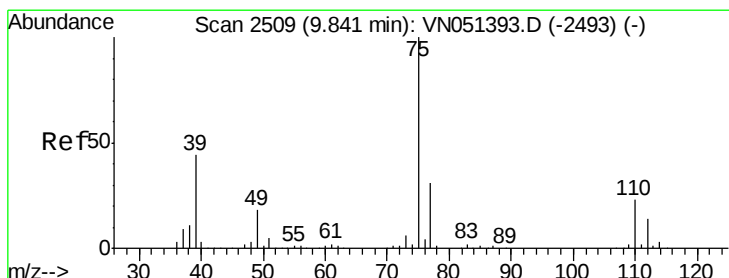
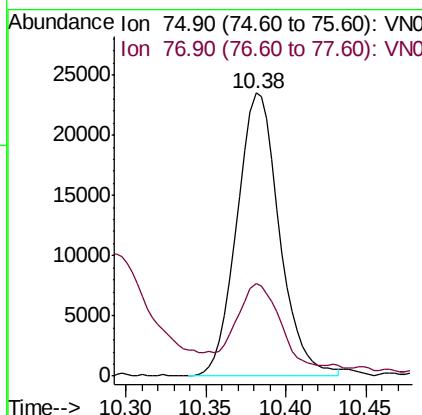
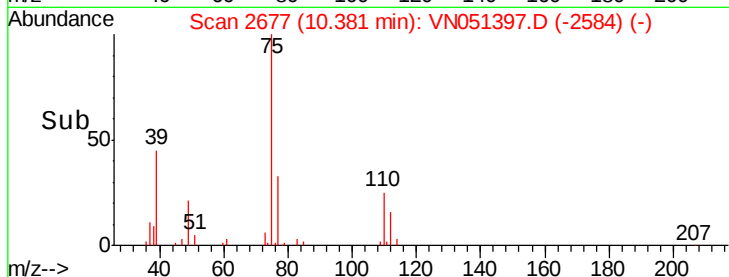
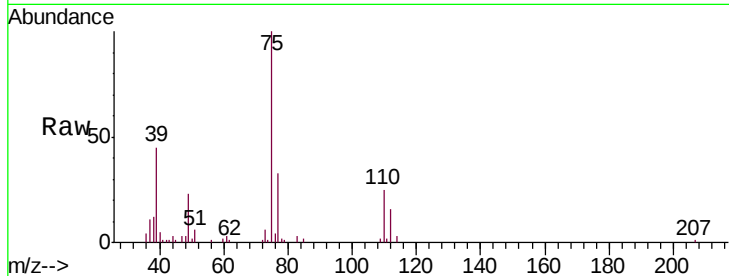
#53
 t-1,3-Dichloropropene
 Concen: 4.829 ug/l
 RT: 10.38 min Scan# 2677
 Delta R.T. 0.00 min
 Lab File: VN051397.D
 Acq: 22 Sep 2018 15:07

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

Tgt Ion: 75 Resp: 42723
 Ion Ratio Lower Upper
 75 100
 77 29.1 25.8 38.8

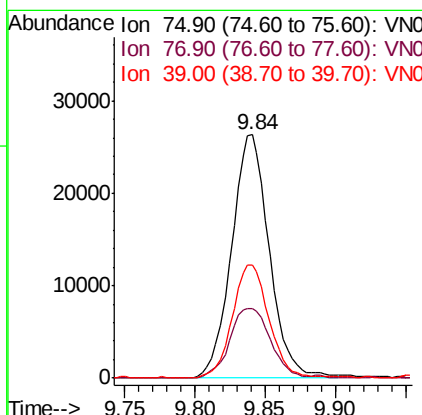
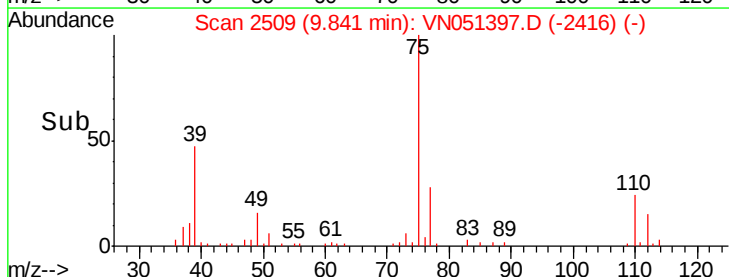
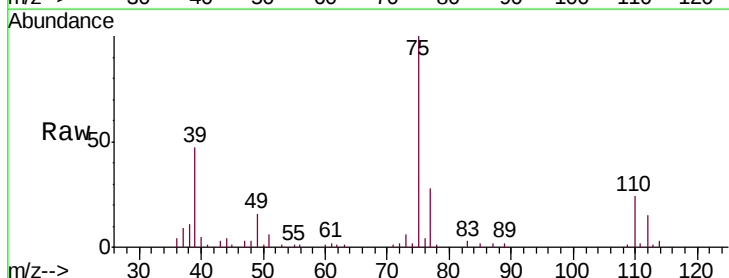
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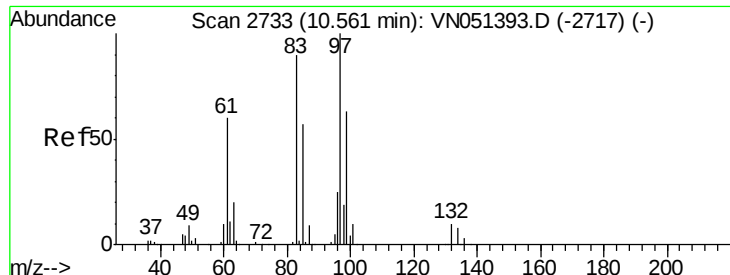
MMDadoda
 9/24/2018 2:15:22 PM



#54
 cis-1,3-Dichloropropene
 Concen: 4.801 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN051397.D
 Acq: 22 Sep 2018 15:07

Tgt Ion: 75 Resp: 49257
 Ion Ratio Lower Upper
 75 100
 77 28.4 25.2 37.8
 39 46.6 35.4 53.2





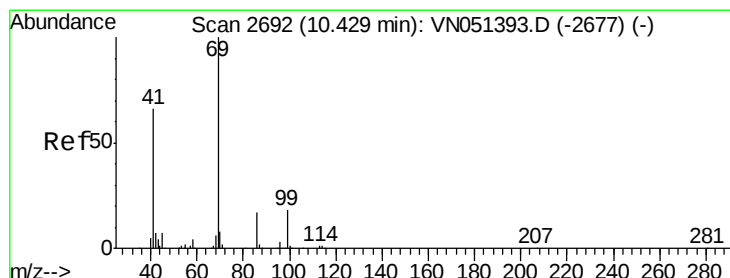
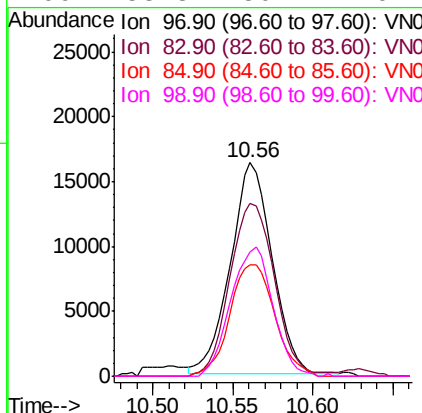
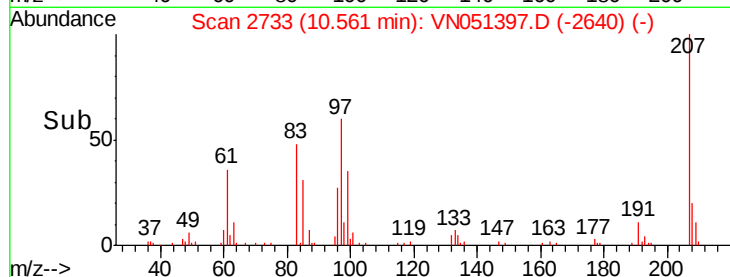
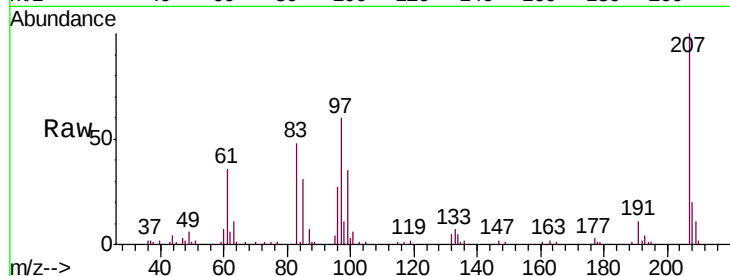
#55
 1,1,2-Trichloroethane
 Concen: 5.070 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN051397.D
 Acq: 22 Sep 2018 15:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.3	72.0	108.0
85	53.1	45.2	67.8
99	58.8	50.7	76.1

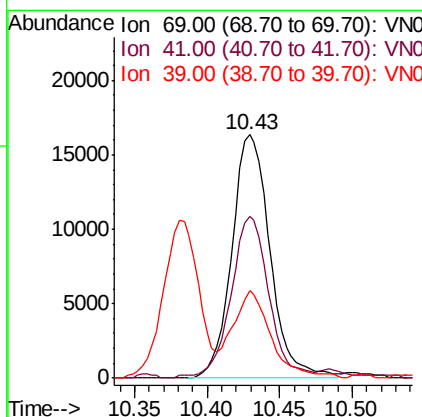
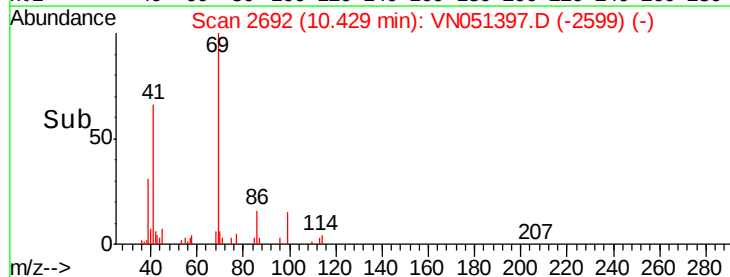
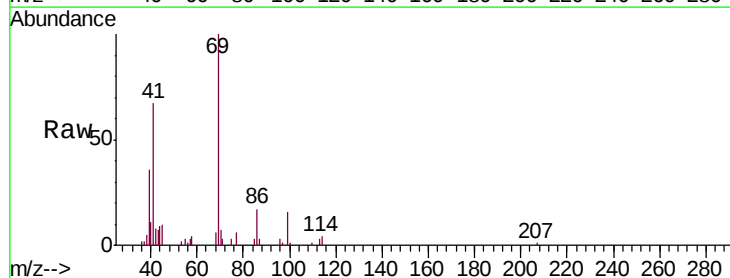
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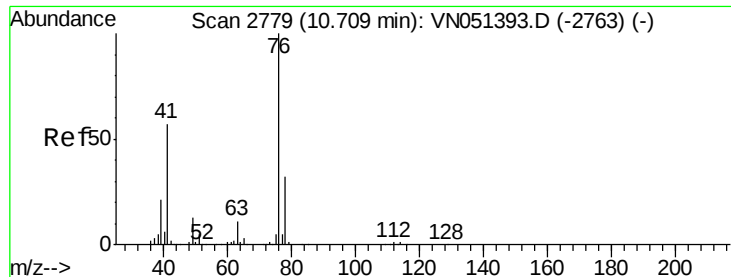
MMDadoda
 9/24/2018 2:15:22 PM



#56
 Ethyl methacrylate
 Concen: 4.318 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN051397.D
 Acq: 22 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.2	52.4	78.6
39	36.5	26.3	39.5





#57

1,3-Dichloropropane

Concen: 5.030 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN051397.D

Acq: 22 Sep 2018 15:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 48821

Ion Ratio Lower Upper

76 100

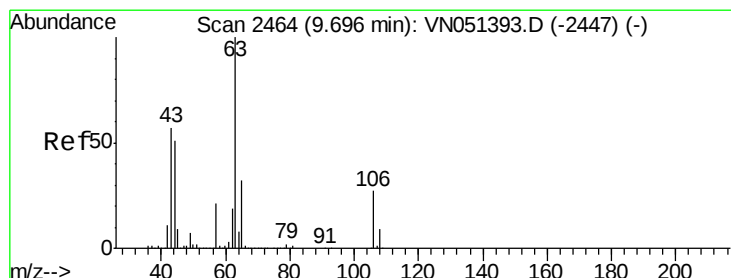
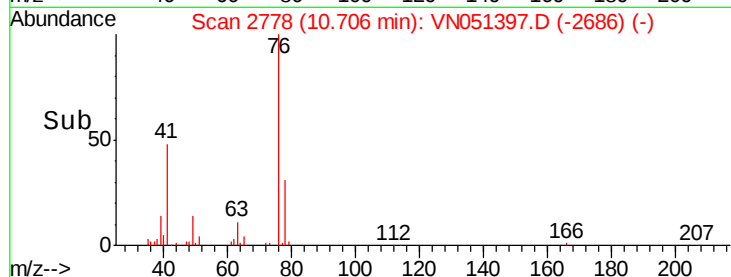
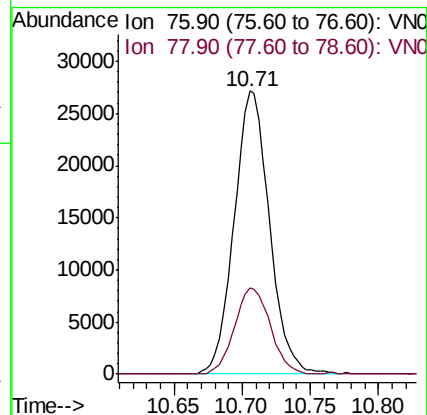
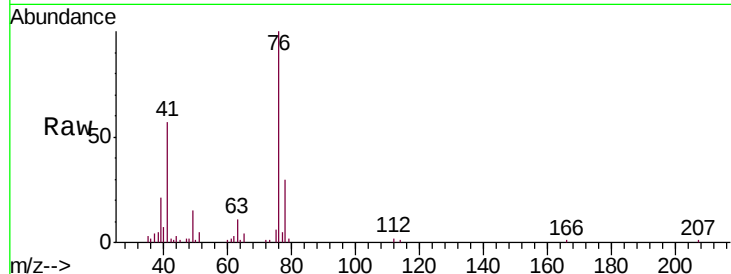
78 30.9 25.5 38.3

Manual Integrations

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MMDadoda

9/24/2018 2:15:22 PM



#58

2-Chloroethyl Vinyl ether

Concen: 36.947 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN051397.D

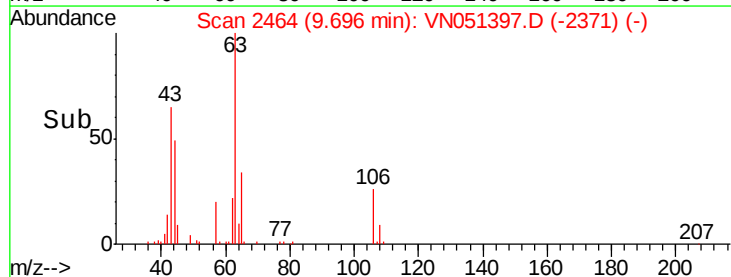
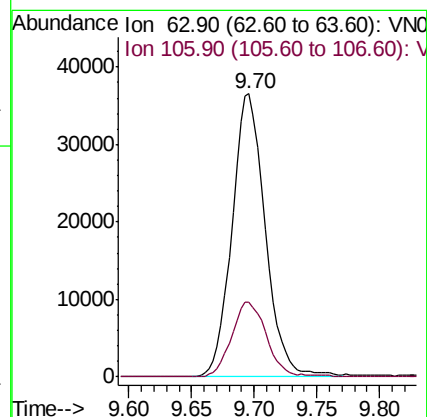
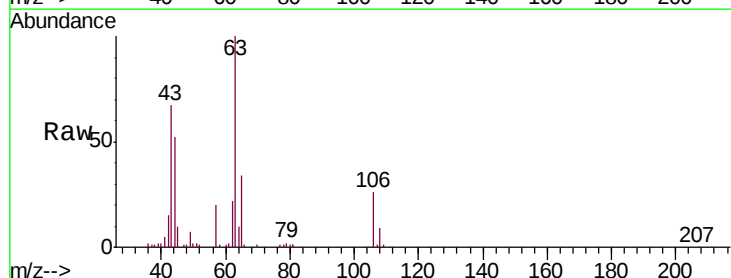
Acq: 22 Sep 2018 15:07

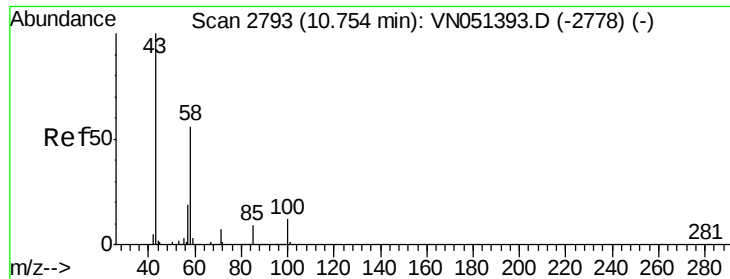
Tgt Ion: 63 Resp: 67625

Ion Ratio Lower Upper

63 100

106 27.8 21.4 32.2





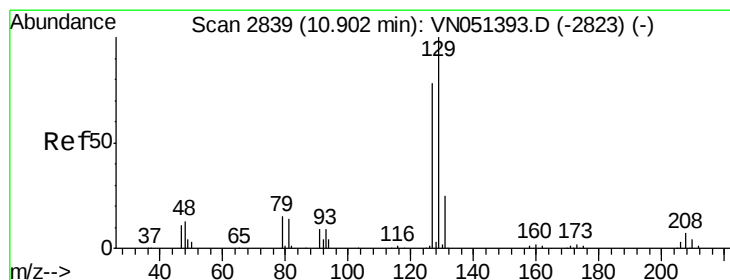
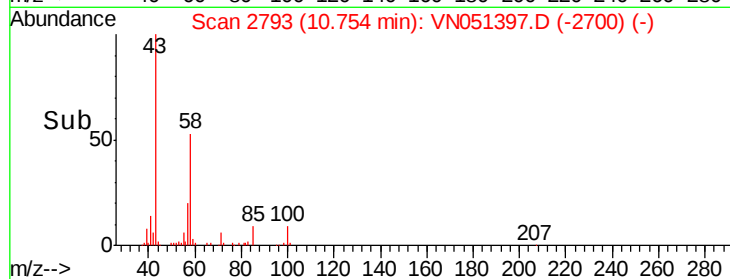
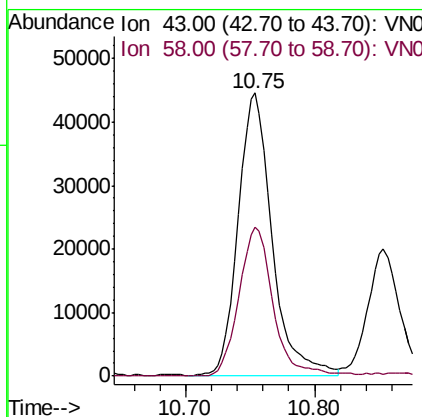
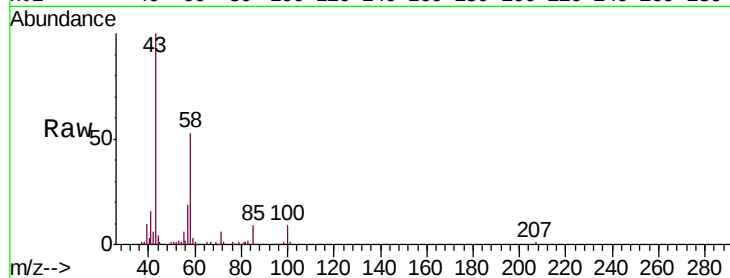
#59
2-Hexanone
Concen: 24.938 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN051397.D
Acq: 22 Sep 2018 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 81169
Ion Ratio Lower Upper
43 100
58 53.1 27.7 83.0

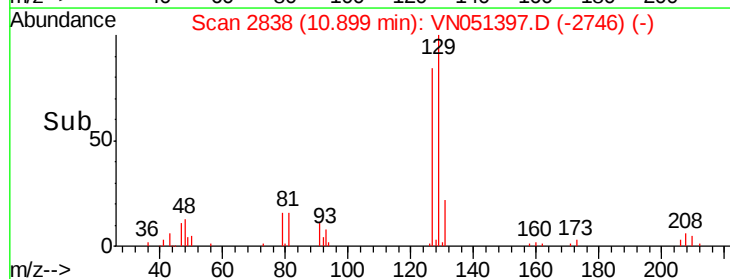
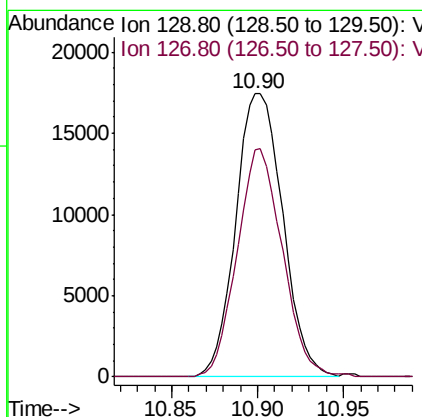
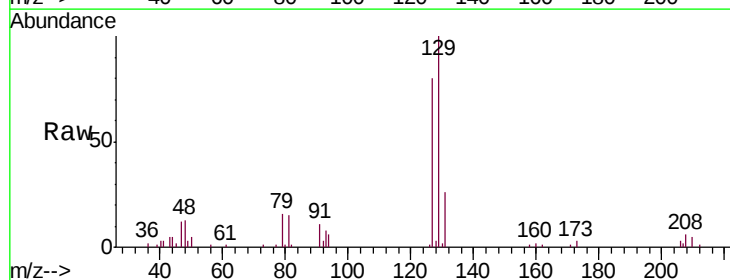
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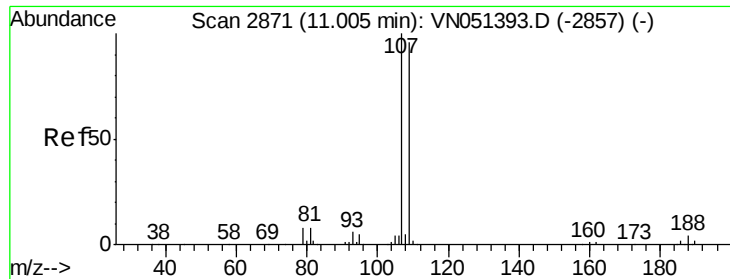
MMDadoda
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#60
Dibromochloromethane
Concen: 4.947 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. -0.00 min
Lab File: VN051397.D
Acq: 22 Sep 2018 15:07

Tgt Ion: 129 Resp: 33053
Ion Ratio Lower Upper
129 100
127 77.7 38.6 116.0





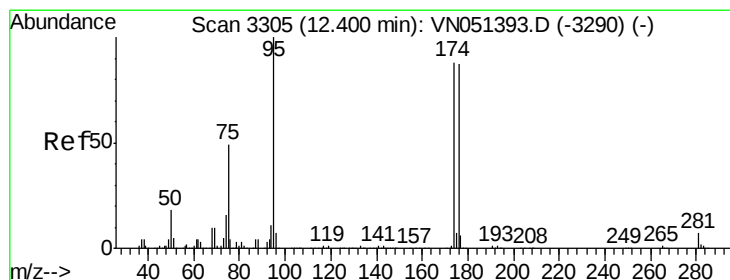
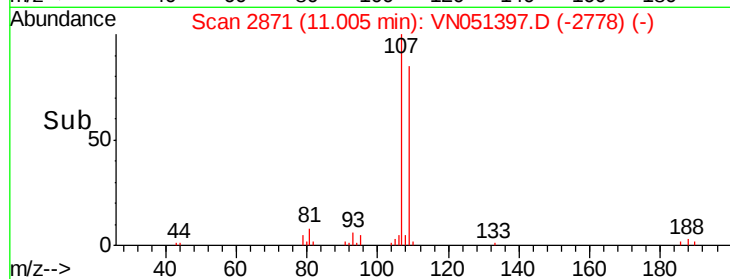
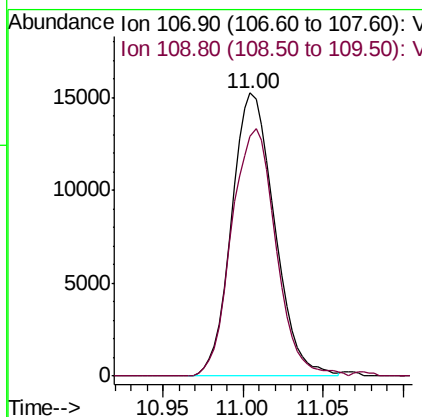
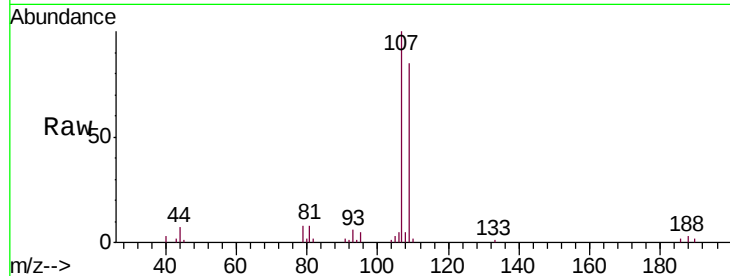
#61
 1,2-Dibromoethane
 Concen: 5.072 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN051397.D
 Acq: 22 Sep 2018 15:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
107	100		
109	90.2	76.3	114.5

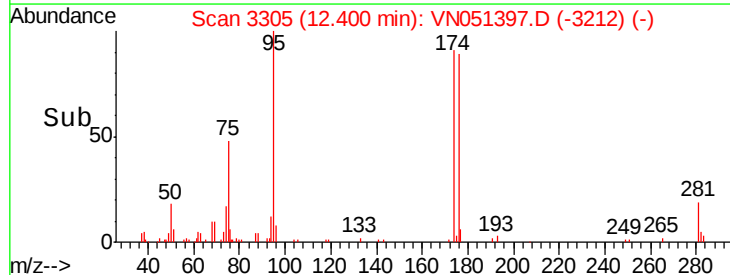
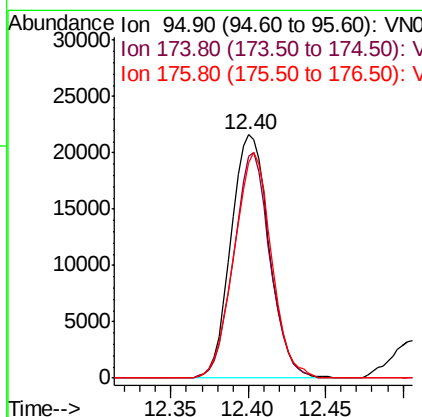
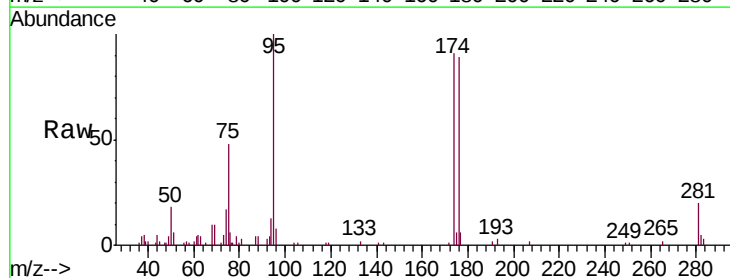
Manual Integrations
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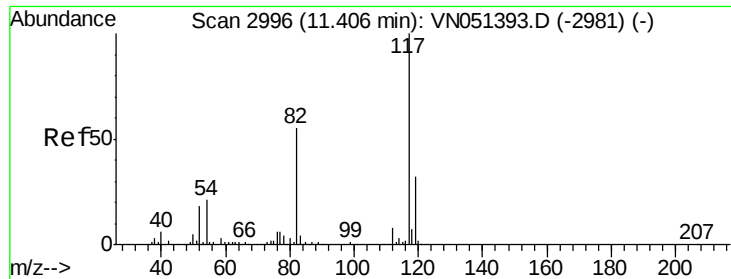
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 5.018 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN051397.D
 Acq: 22 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.3	0.0	181.6
176	90.9	0.0	176.4





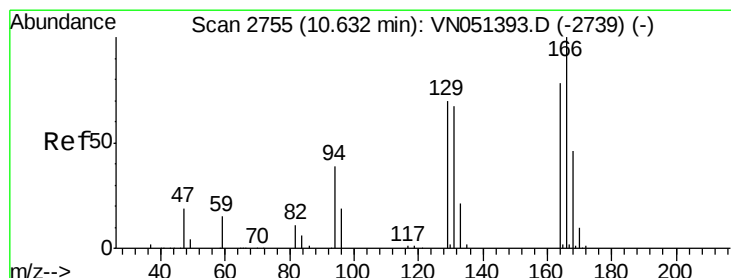
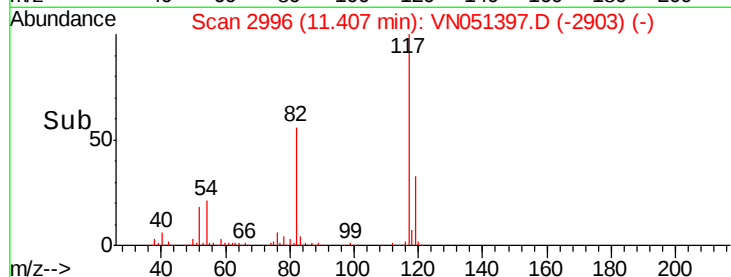
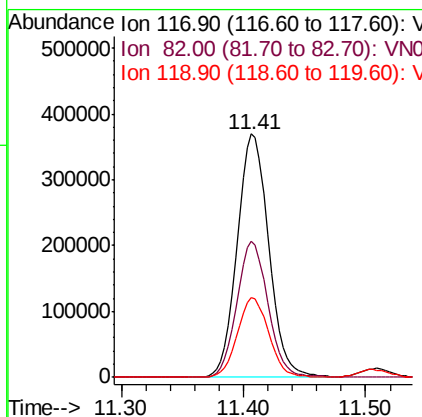
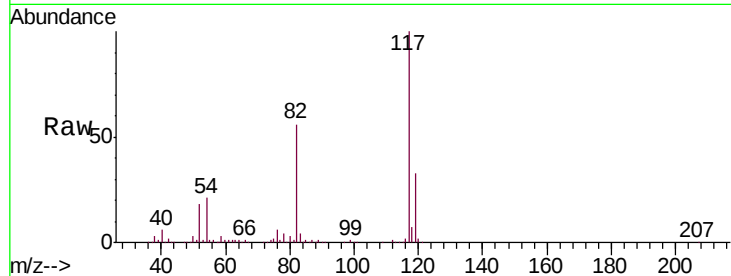
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051397.D
Acq: 22 Sep 2018 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	661979		
82	55.8	44.2	66.2	
119	32.7	25.9	38.9	

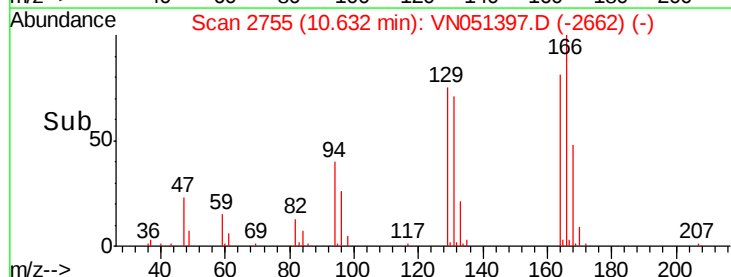
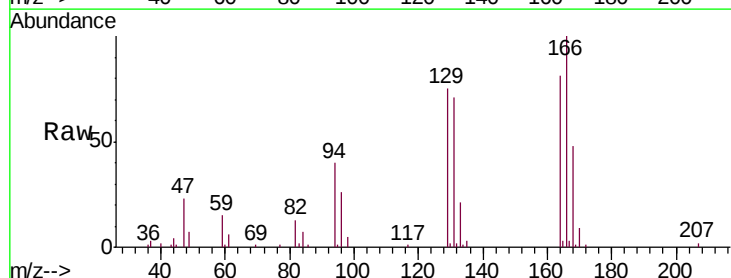
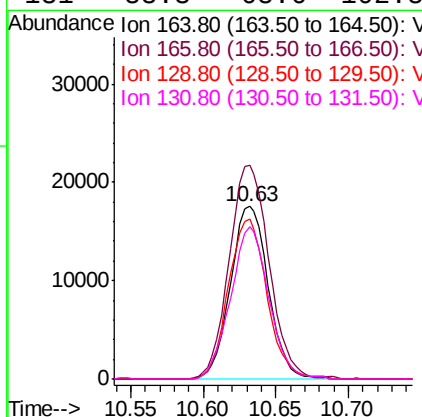
Manual Integrations
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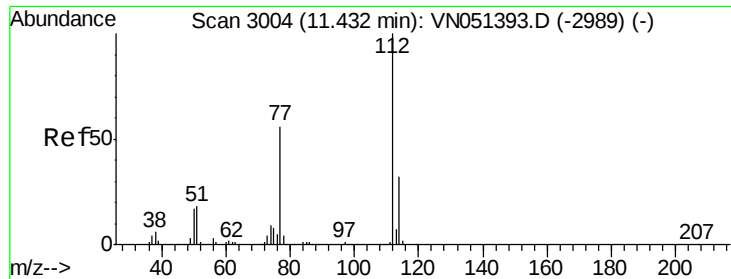
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#64
Tetrachloroethene
Concen: 5.297 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN051397.D
Acq: 22 Sep 2018 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	31824		
166	123.7	102.3	153.5	
129	92.4	71.8	107.8	
131	88.3	68.6	102.8	





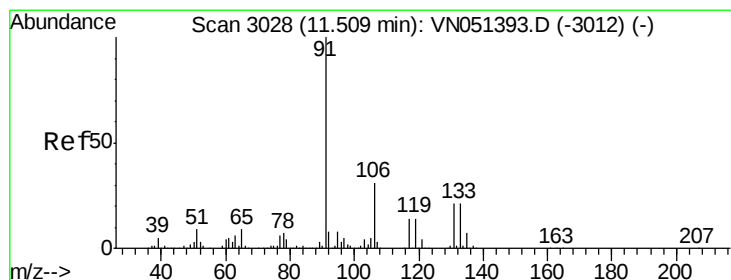
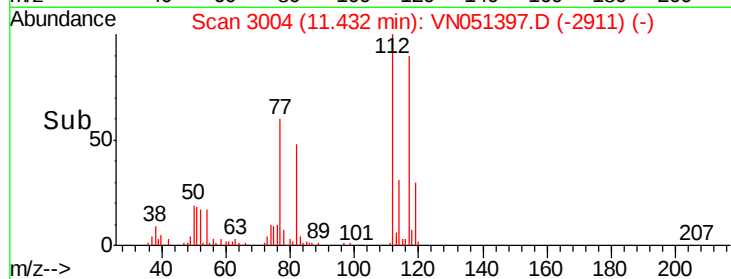
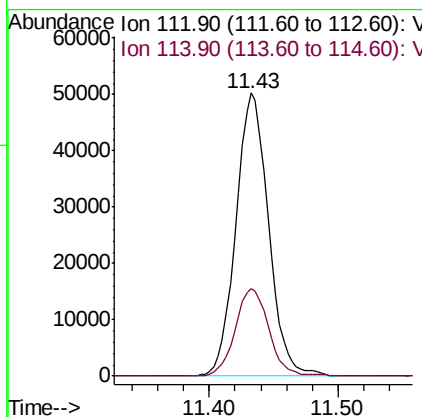
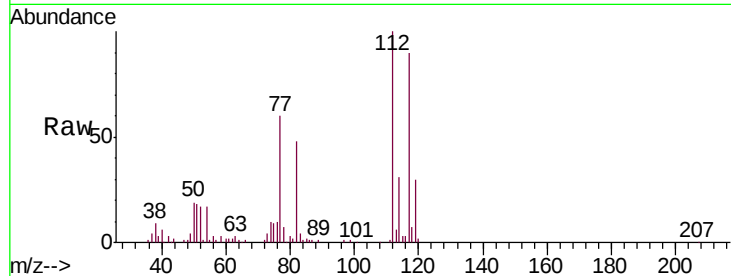
#65
Chlorobenzene
Concen: 5.202 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN051397.D
Acq: 22 Sep 2018 15:07

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tgt Ion:112 Resp: 88360
Ion Ratio Lower Upper
112 100
114 30.8 25.4 38.2

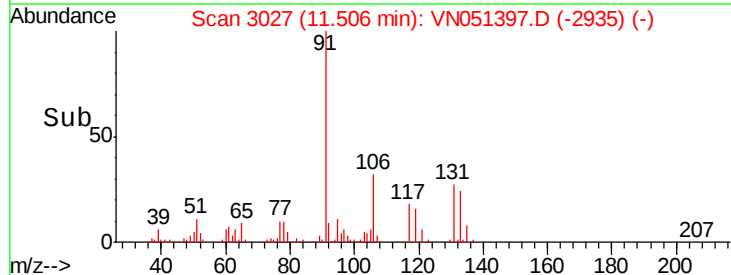
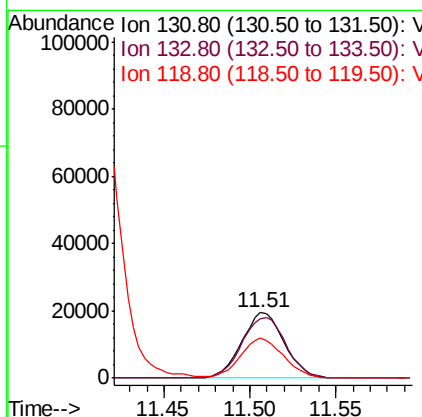
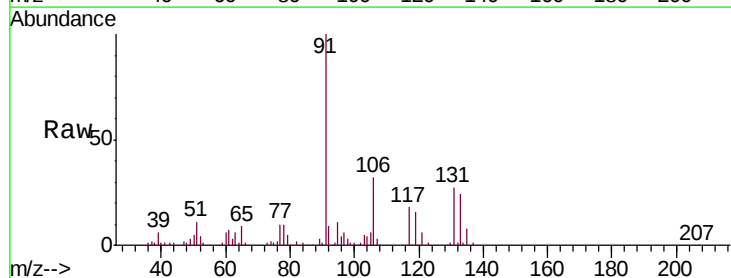
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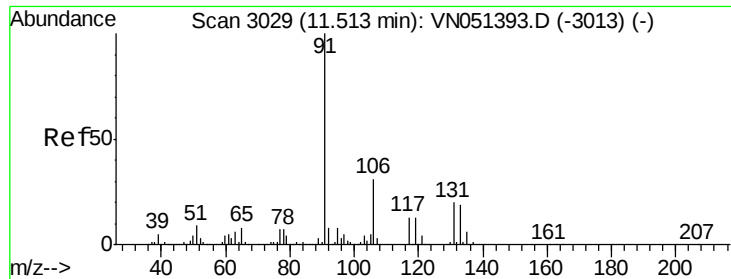
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#66
1,1,1,2-Tetrachloroethane
Concen: 5.166 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN051397.D
Acq: 22 Sep 2018 15:07

Tgt Ion:131 Resp: 33428
Ion Ratio Lower Upper
131 100
133 96.5 48.3 144.8
119 62.2 32.8 98.4





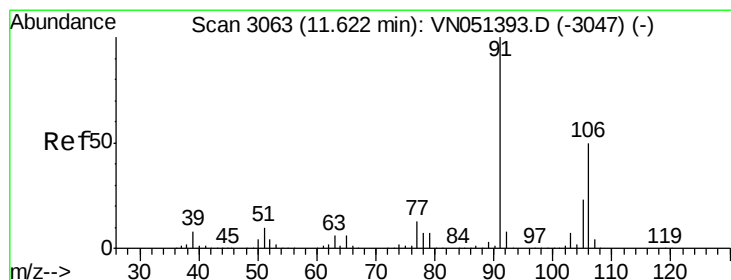
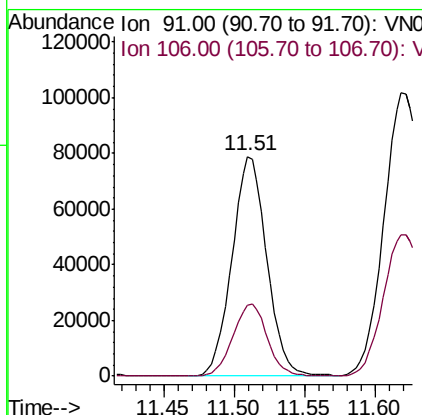
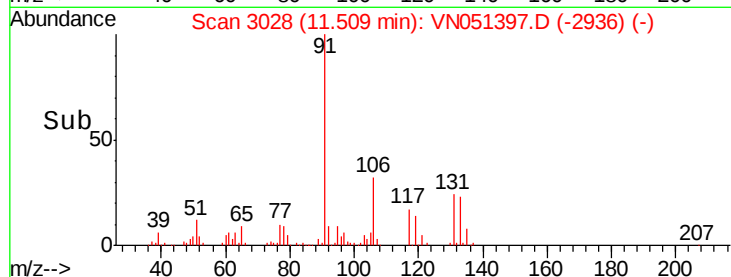
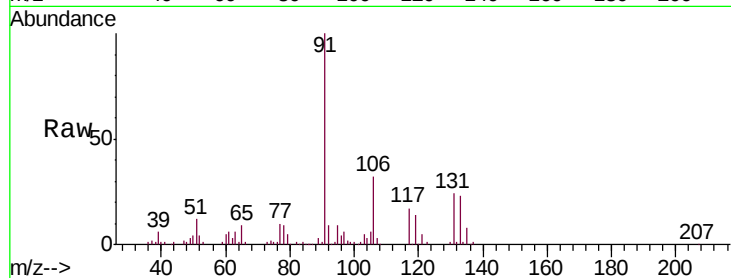
#67
Ethyl Benzene
Concen: 4.762 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051397.D
Acq: 22 Sep 2018 15:07

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tgt Ion: 91 Resp: 136295
Ion Ratio Lower Upper
91 100
106 32.2 25.0 37.4

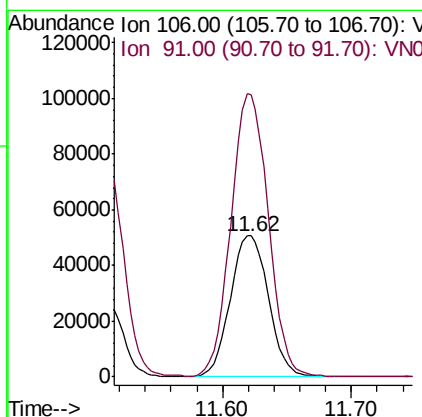
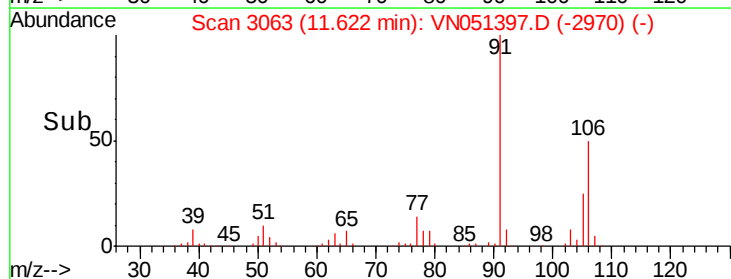
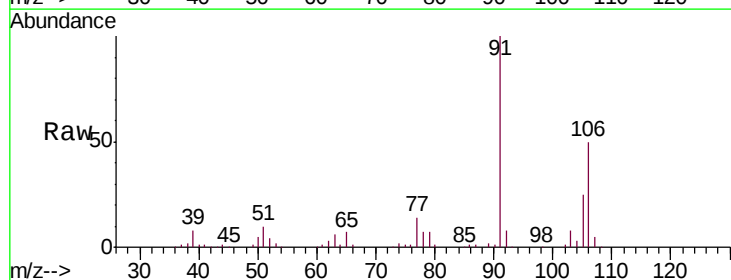
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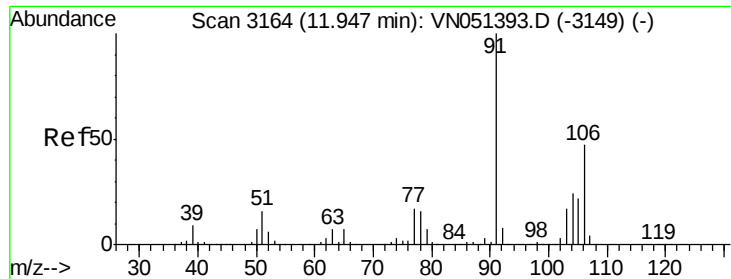
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#68
m/p-Xylenes
Concen: 9.406 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN051397.D
Acq: 22 Sep 2018 15:07

Tgt Ion: 106 Resp: 104137
Ion Ratio Lower Upper
106 100
91 197.2 161.3 241.9





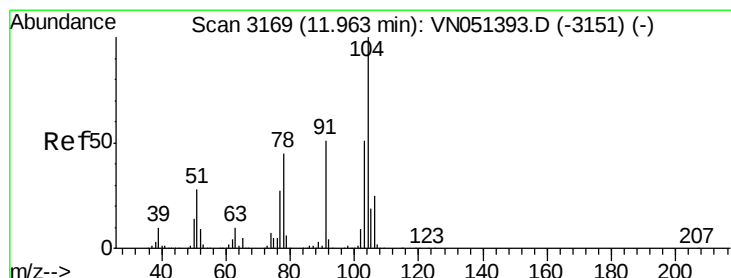
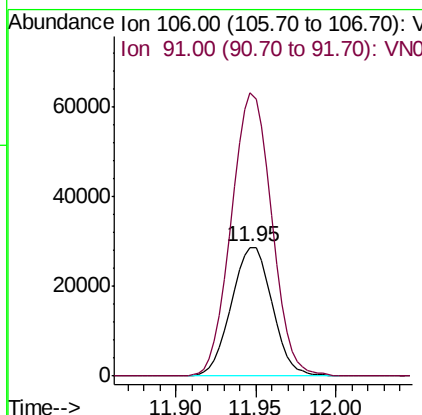
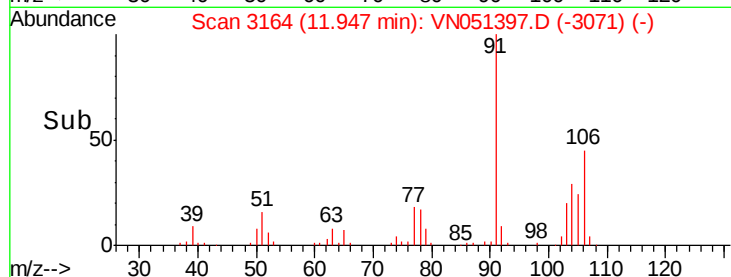
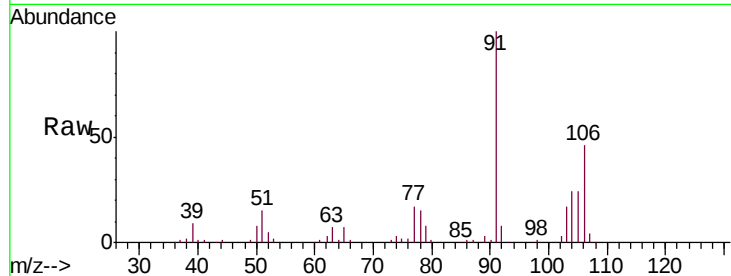
#69
o-Xylene
Concen: 4.718 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN051397.D
Acq: 22 Sep 2018 15:07

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tgt Ion:106 Resp: 50214
Ion Ratio Lower Upper
106 100
91 217.0 105.3 315.9

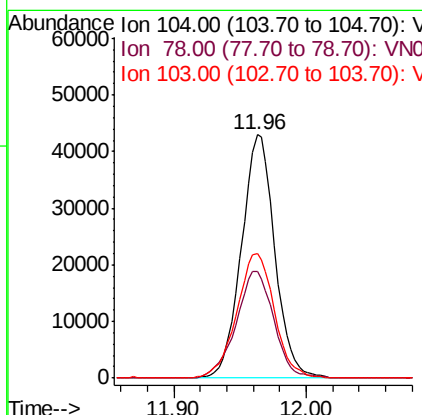
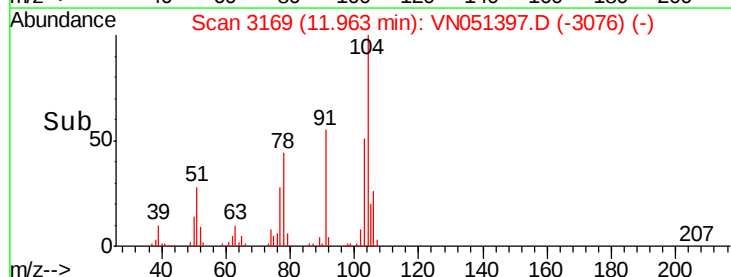
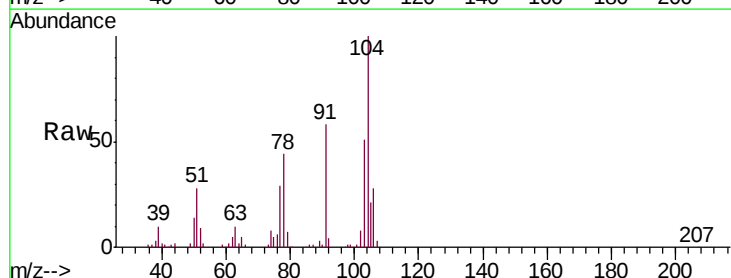
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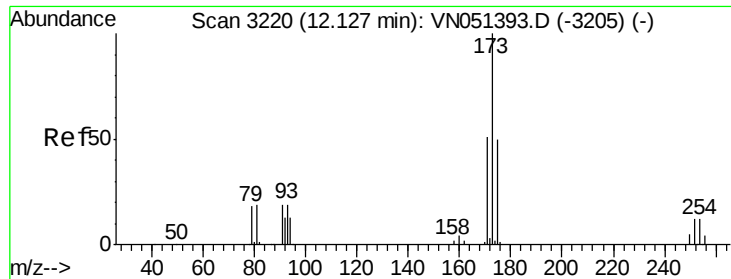
MMDadoda
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#70
Styrene
Concen: 4.470 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN051397.D
Acq: 22 Sep 2018 15:07

Tgt Ion:104 Resp: 75393
Ion Ratio Lower Upper
104 100
78 49.3 39.9 59.9
103 57.5 44.6 66.8





#71

Bromoform

Concen: 4.821 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN051397.D

Acq: 22 Sep 2018 15:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:173 Resp: 21168

Ion Ratio Lower Upper

173 100

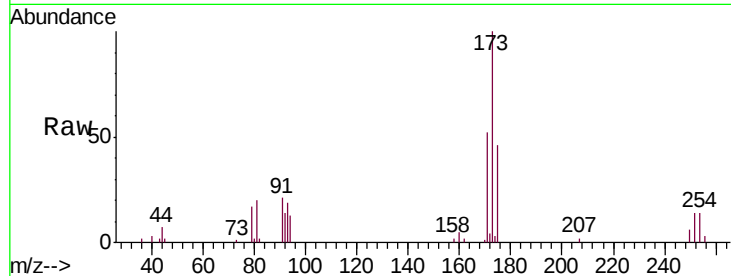
175 49.0 24.8 74.3

254 0.0 0.2 0.2#

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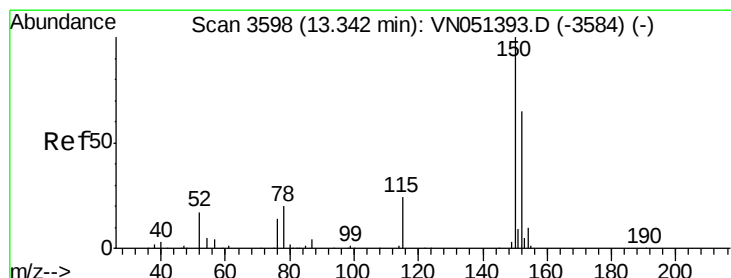
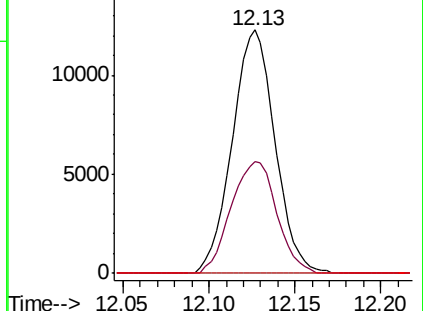
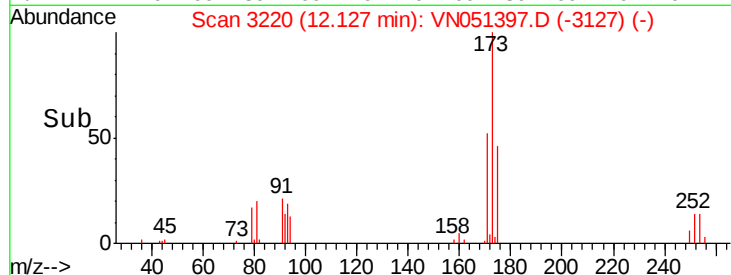
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Abundance Ion 172.70 (172.40 to 173.40): V

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: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN051397.D

Acq: 22 Sep 2018 15:07

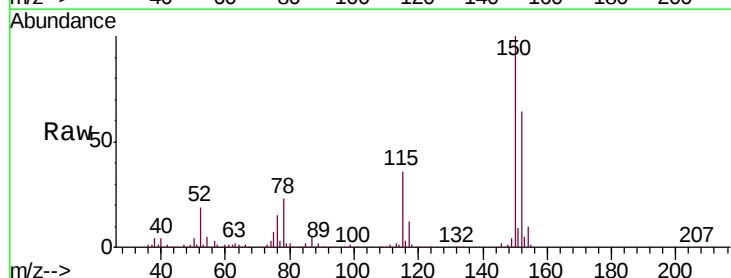
Tgt Ion:152 Resp: 290627

Ion Ratio Lower Upper

152 100

115 55.6 28.3 84.9

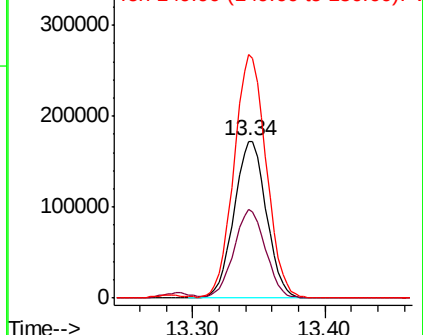
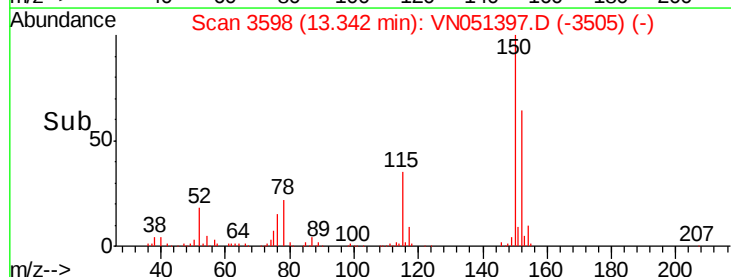
150 155.6 0.0 353.6

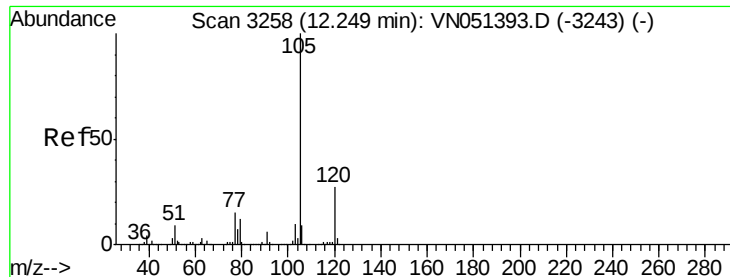


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.359 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051397.D

Acq: 22 Sep 2018 15:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 105 Resp: 131409

Ion Ratio Lower Upper

105 100

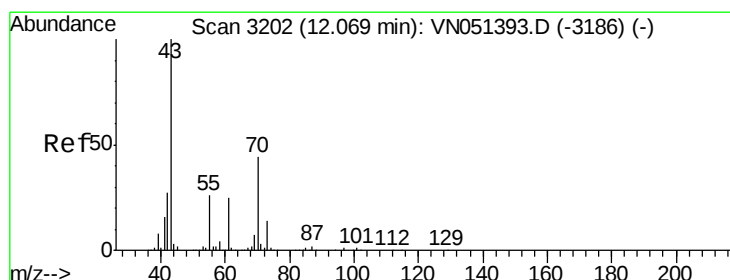
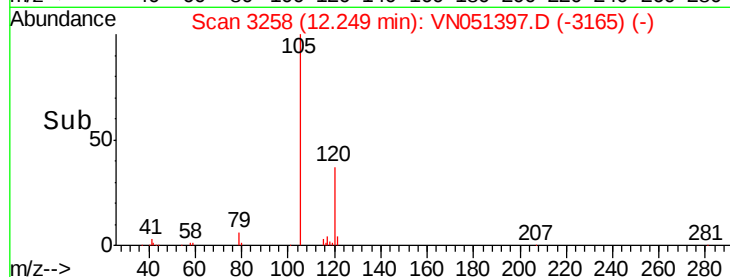
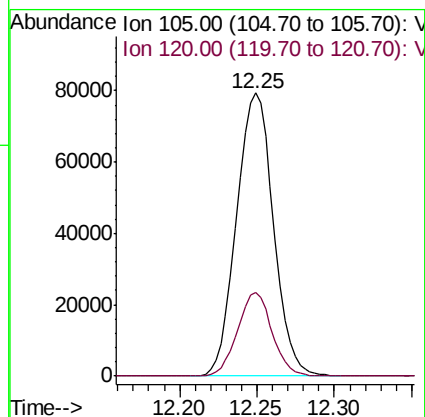
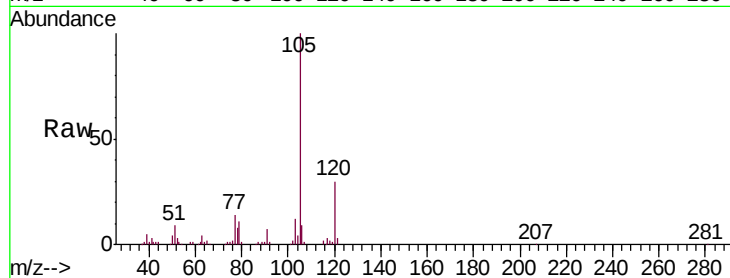
120 27.7 13.3 39.8

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#74

N-ethyl acetate

Concen: 5.076 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN051397.D

Acq: 22 Sep 2018 15:07

Tgt Ion: 43 Resp: 31228

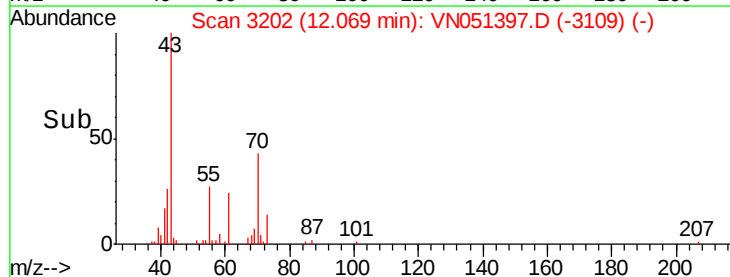
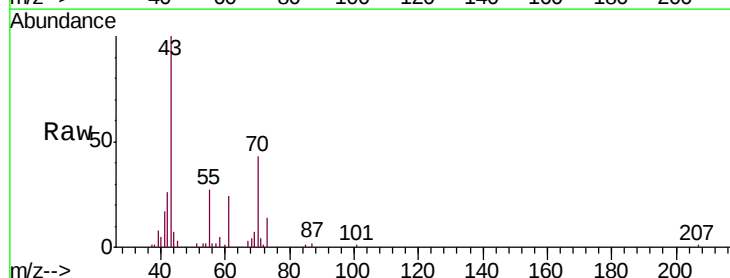
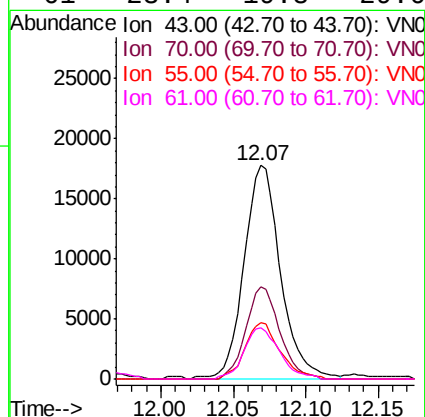
Ion Ratio Lower Upper

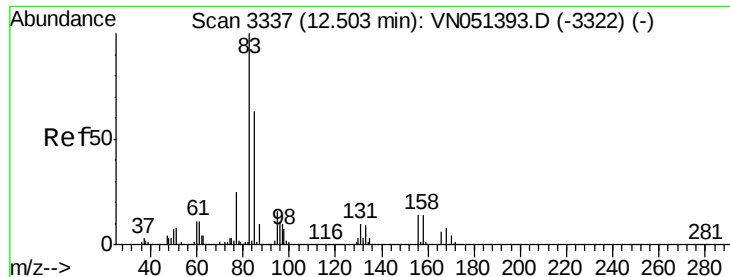
43 100

70 39.6 35.0 52.4

55 25.5 21.4 32.2

61 23.4 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 5.905 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN051397.D

Acq: 22 Sep 2018 15:07

Instrument :

MSVOA_N

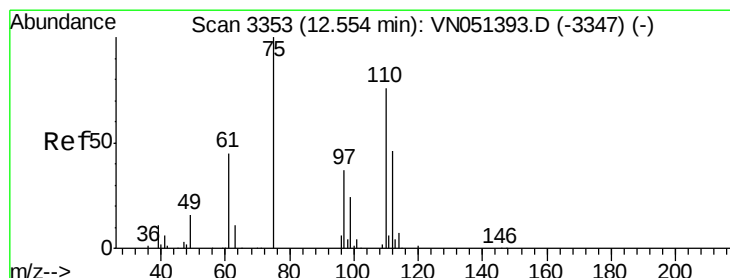
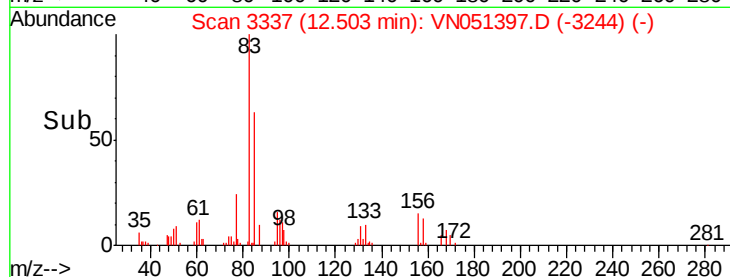
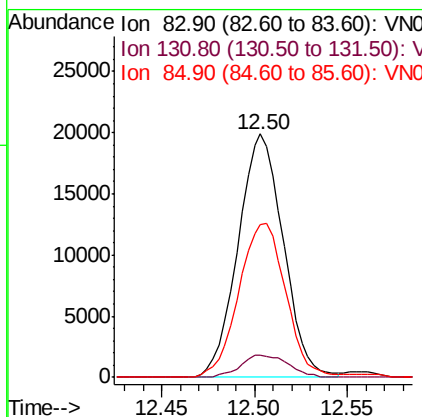
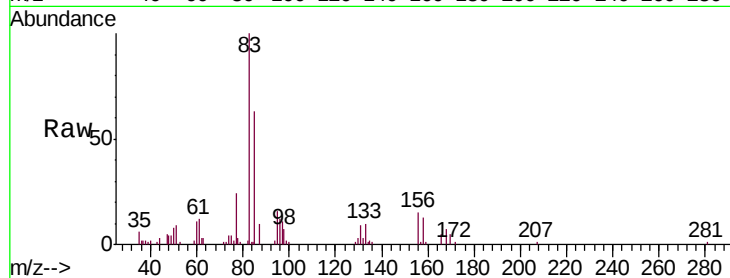
ClientSampleId :

VSTDIC005

Tgt Ion:	83	Resp:	33764
Ion Ratio	Lower	Upper	
83	100		
131	9.5	5.3	15.9
85	65.3	31.6	95.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 5.556 ug/l m

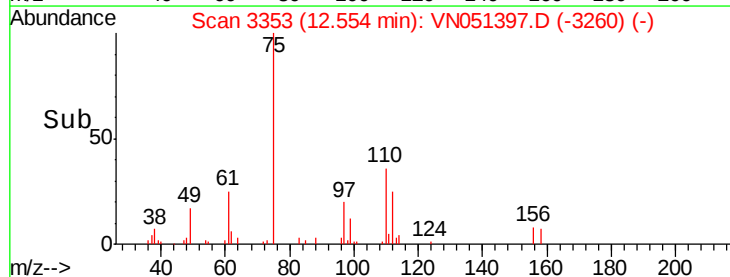
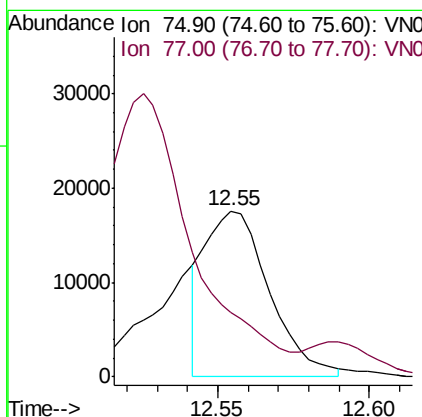
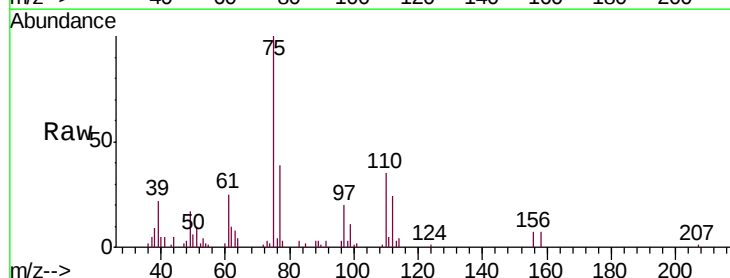
RT: 12.55 min Scan# 3353

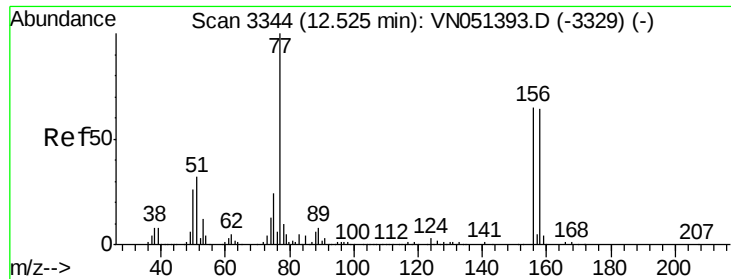
Delta R.T. 0.00 min

Lab File: VN051397.D

Acq: 22 Sep 2018 15:07

Tgt Ion:	75	Resp:	26049
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 5.724 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN051397.D

Acq: 22 Sep 2018 15:07

Instrument :

MSVOA_N

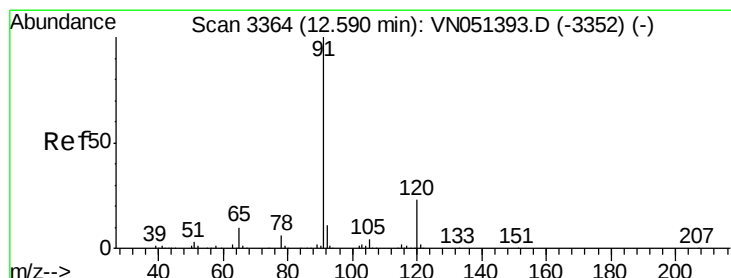
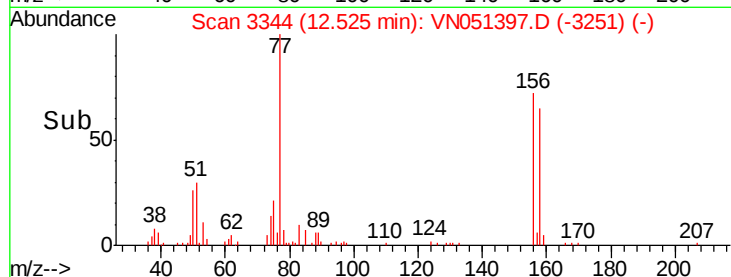
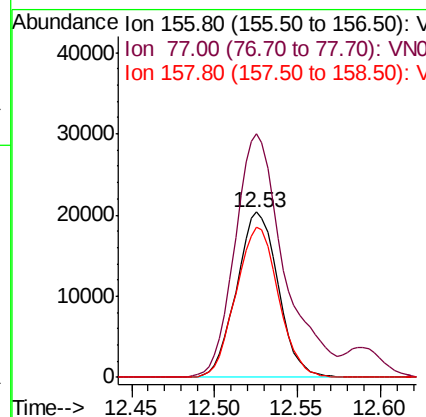
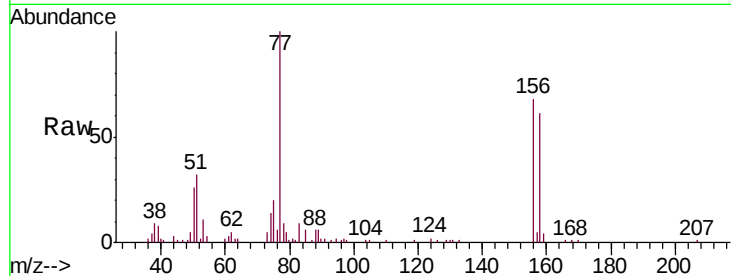
ClientSampleId :

VSTDIC005

Tgt Ion	Ratio	Lower	Upper
156	100		
77	174.1	89.5	268.4
158	92.6	49.4	148.2

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#78

n-propylbenzene

Concen: 5.152 ug/l

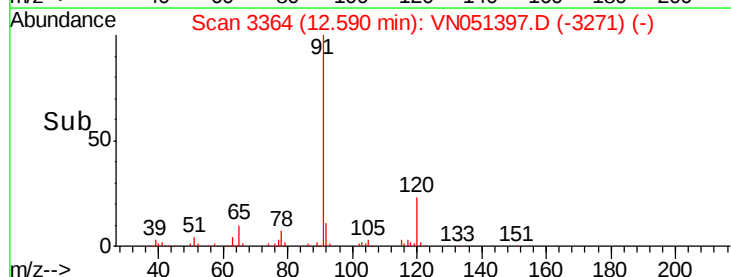
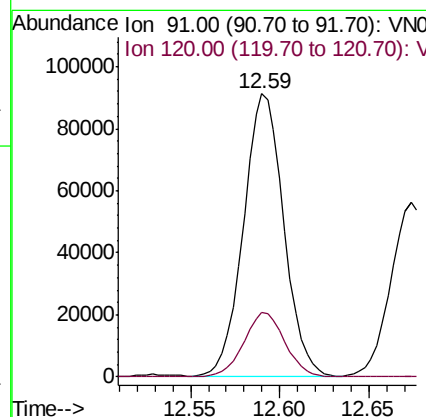
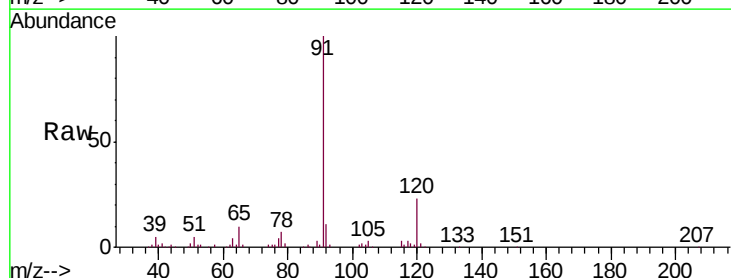
RT: 12.59 min Scan# 3364

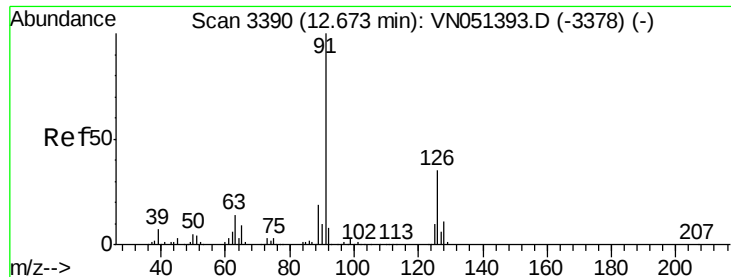
Delta R.T. 0.00 min

Lab File: VN051397.D

Acq: 22 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.9	35.5





#79

2-Chlorotoluene

Concen: 5.580 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN051397.D

Acq: 22 Sep 2018 15:07

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

Tgt Ion: 91 Resp: 92311

Ion Ratio Lower Upper

91 100

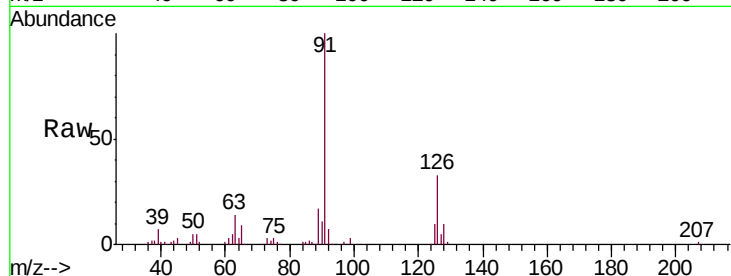
126 33.8 17.6 52.8

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Abundance Ion 91.00 (90.70 to 91.70): VN051397.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN051397.D (-3378) (-)

80000

60000

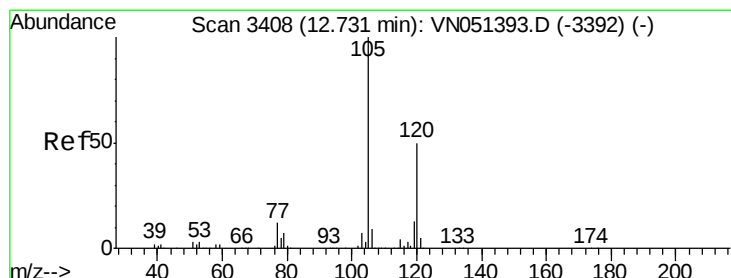
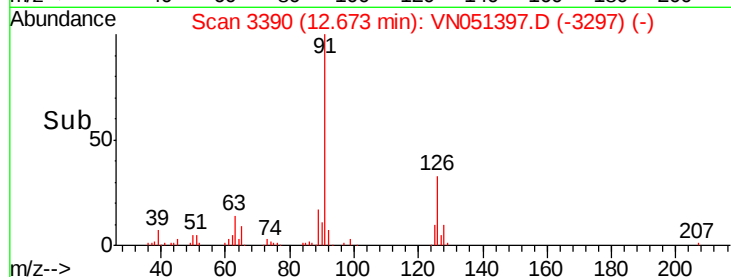
40000

20000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 5.093 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN051397.D

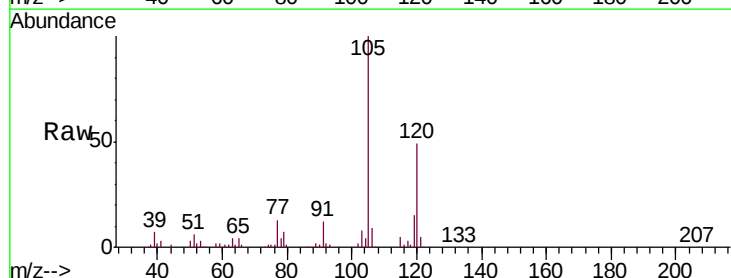
Acq: 22 Sep 2018 15:07

Tgt Ion: 105 Resp: 101839

Ion Ratio Lower Upper

105 100

120 50.7 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VN051397.D (-3392) (-)

Ion 120.00 (119.70 to 120.70): VN051397.D (-3392) (-)

60000

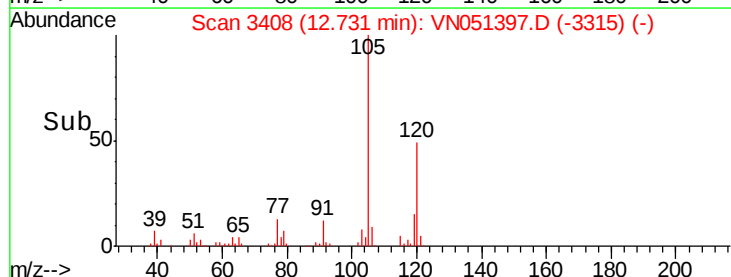
40000

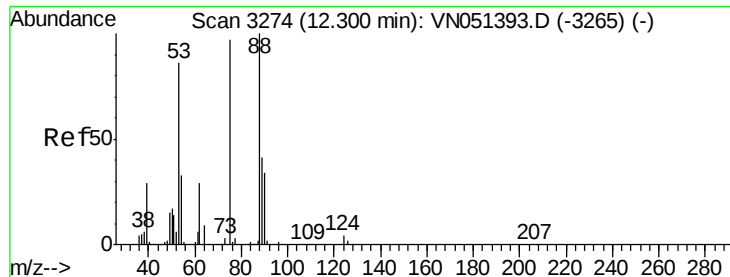
20000

0

12.65 12.70 12.75 12.80

Time-->





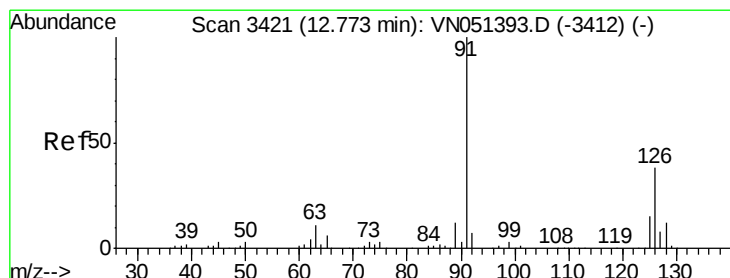
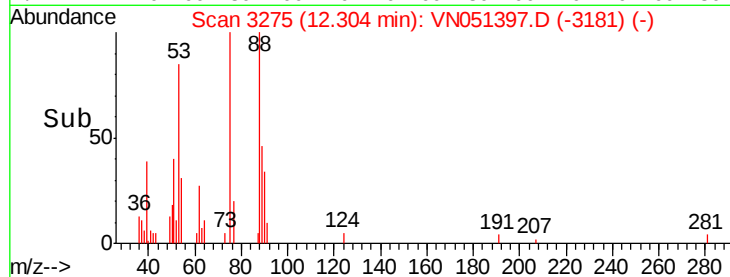
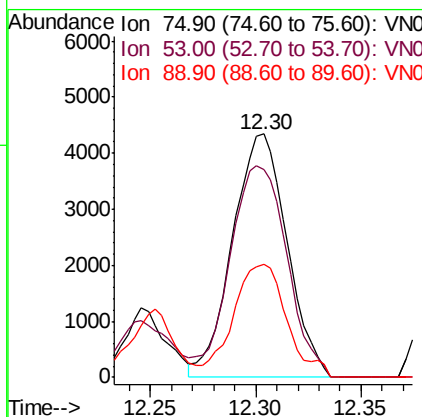
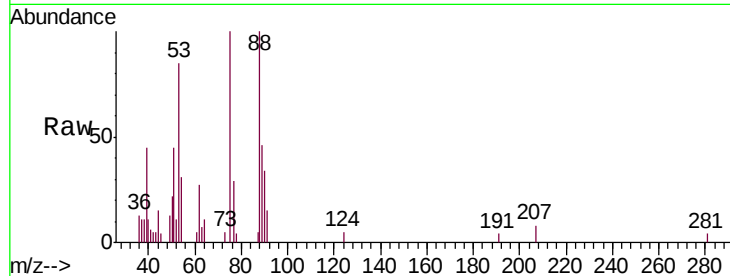
#81
trans-1,4-Dichloro-2-butene
Concen: 4.971 ug/l
RT: 12.30 min Scan# 3275
Delta R.T. 0.00 min
Lab File: VN051397.D
Acq: 22 Sep 2018 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
75	100		
53	90.3	73.9	110.9
89	45.9	36.7	55.1

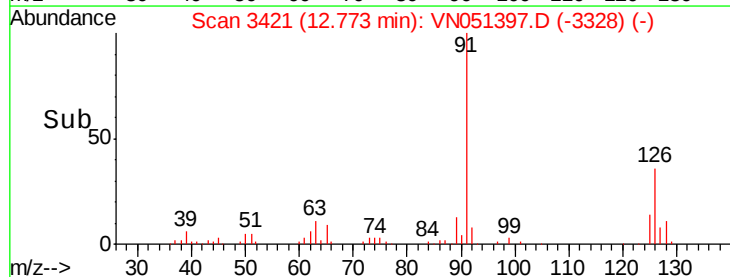
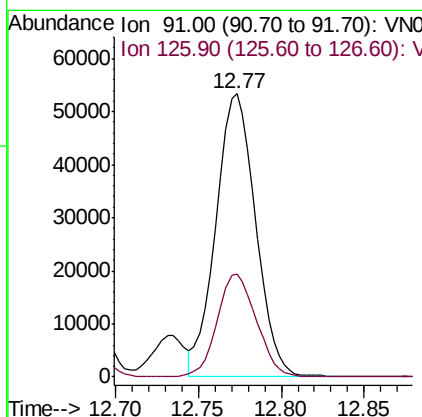
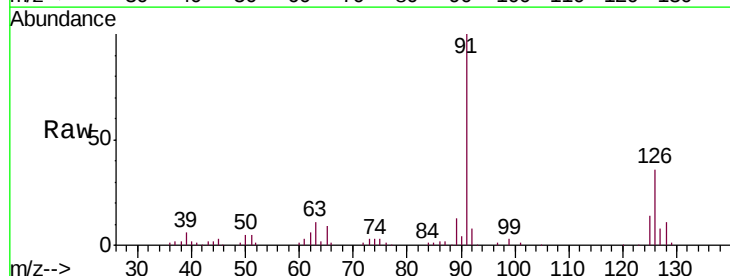
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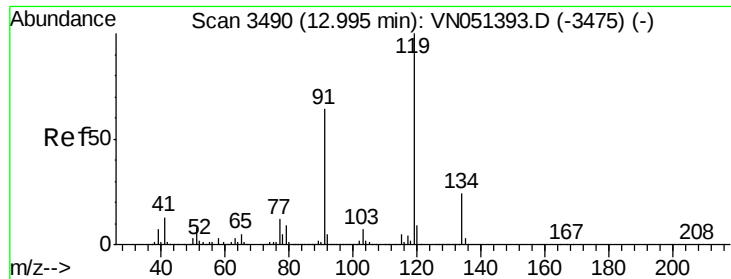
MMDadoda
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#82
4-Chlorotoluene
Concen: 5.395 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN051397.D
Acq: 22 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.4	17.5	52.5





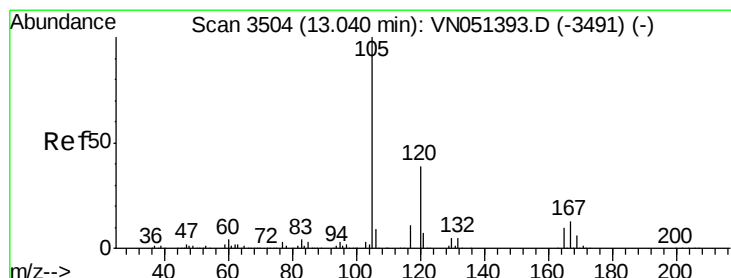
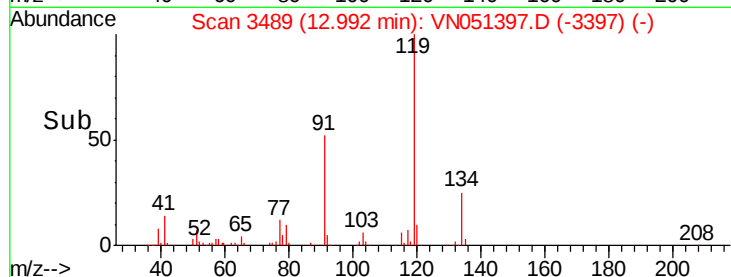
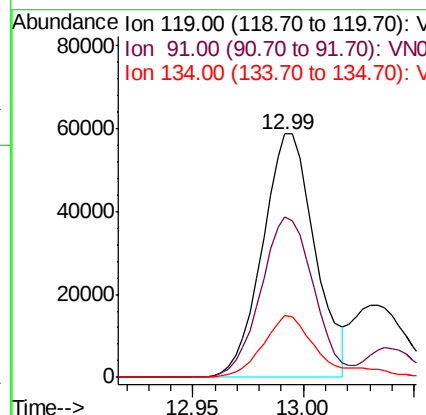
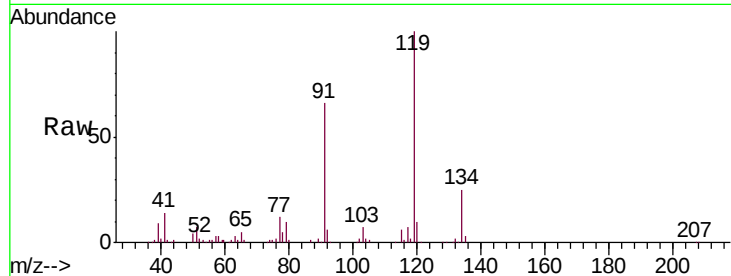
#83
 tert-Butylbenzene
 Concen: 5.426 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN051397.D
 Acq: 22 Sep 2018 15:07

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
119	100		
91	66.5	31.7	95.1
134	27.3	12.3	36.9

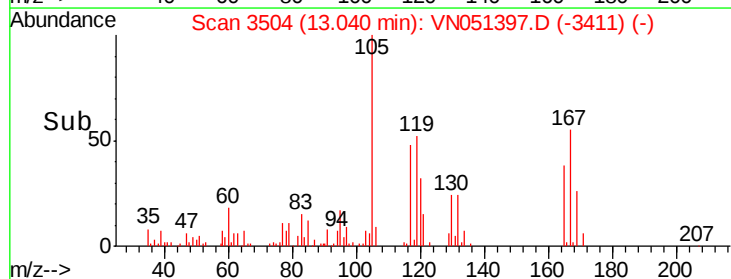
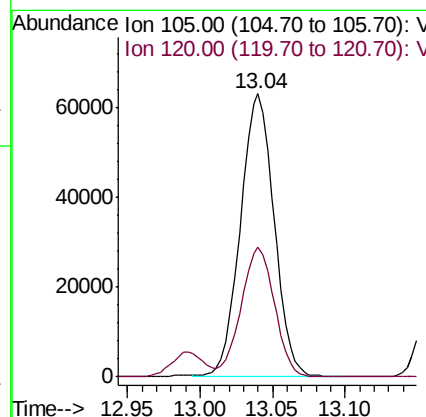
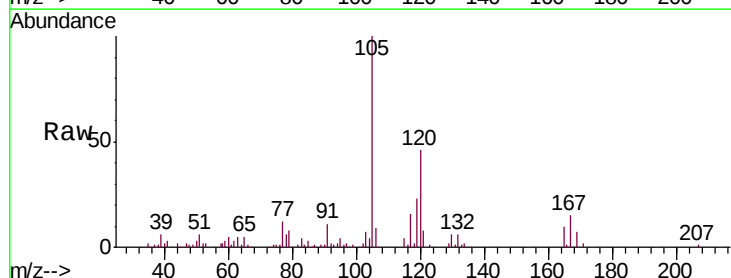
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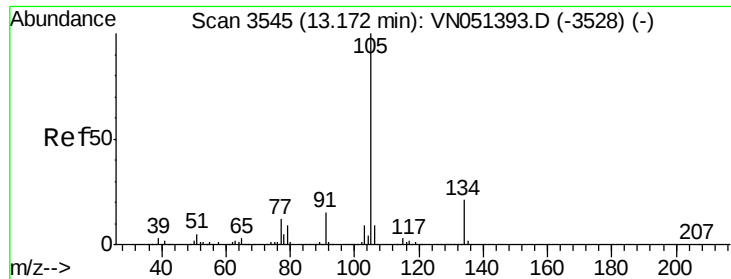
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#84
 1,2,4-Trimethylbenzene
 Concen: 5.070 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN051397.D
 Acq: 22 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.9	68.7





#85

sec-Butylbenzene

Concen: 5.273 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN051397.D

Acq: 22 Sep 2018 15:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 126964

Ion Ratio Lower Upper

105 100

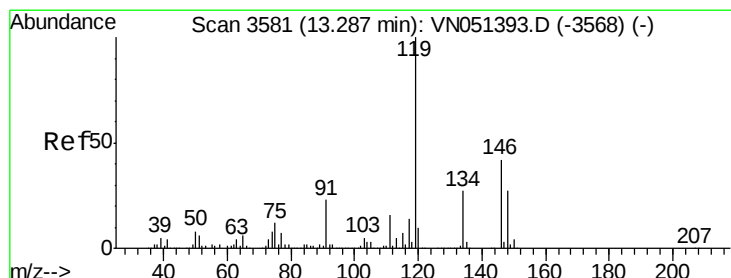
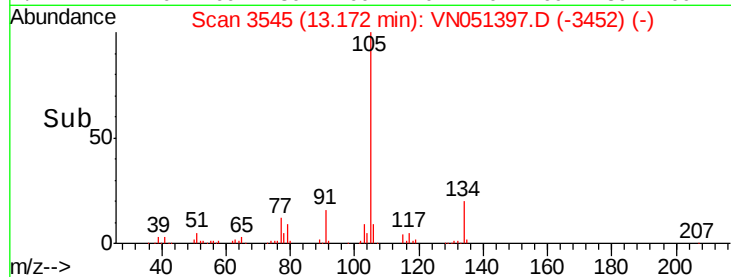
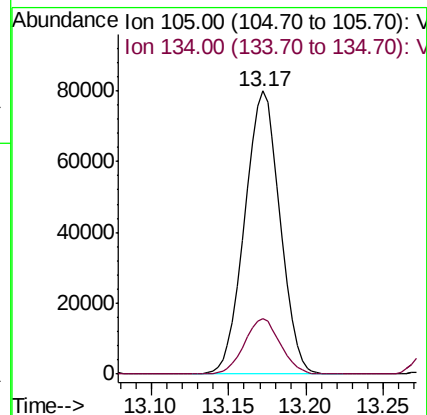
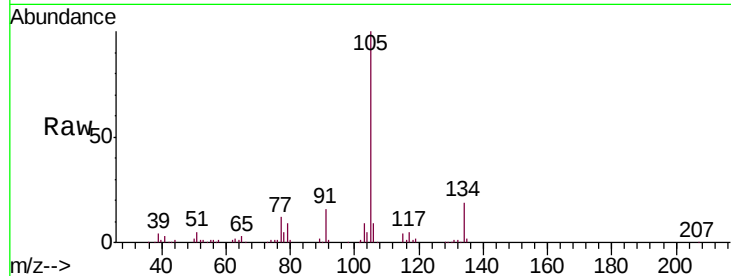
134 19.8 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 4.955 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN051397.D

Acq: 22 Sep 2018 15:07

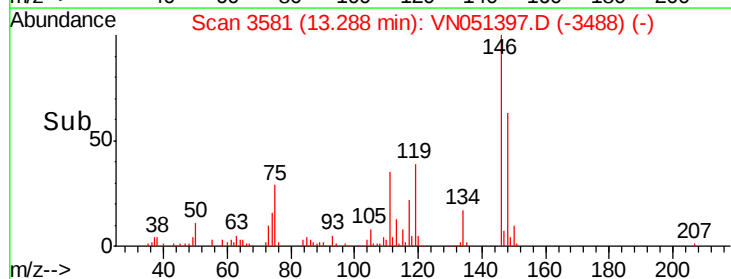
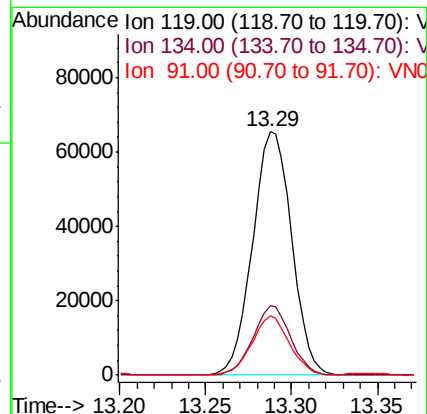
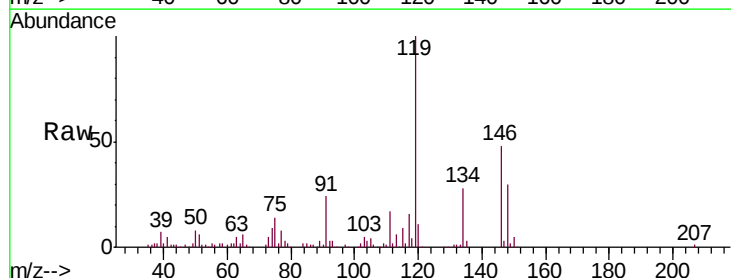
Tgt Ion:119 Resp: 103220

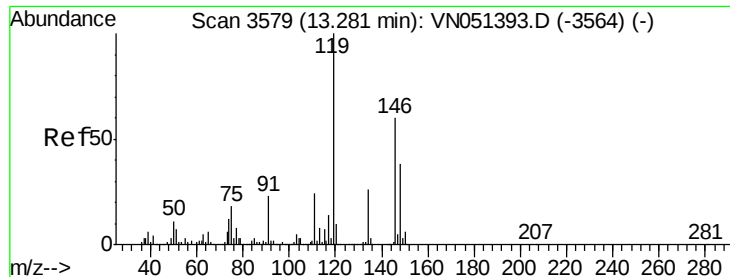
Ion Ratio Lower Upper

119 100

134 27.4 13.3 39.9

91 23.3 11.4 34.2





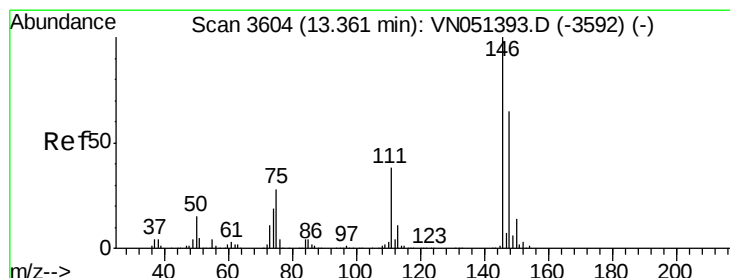
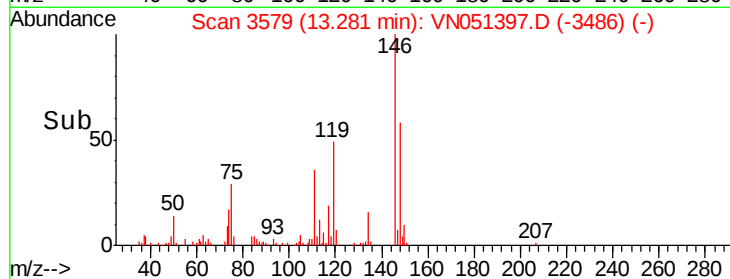
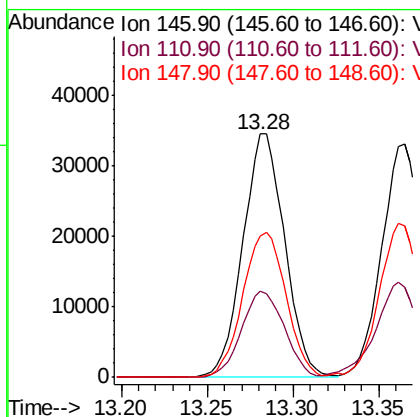
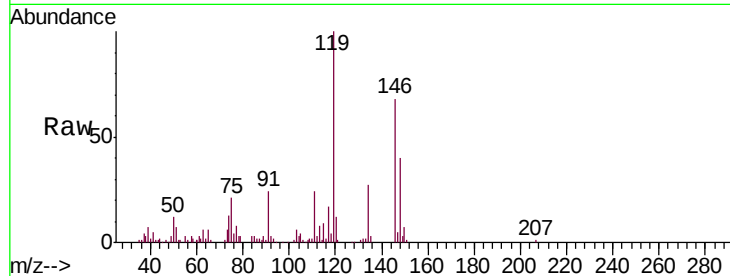
#87
 1,3-Dichlorobenzene
 Concen: 5.435 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN051397.D
 Acq: 22 Sep 2018 15:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	19.7	59.1
148	61.6	31.9	95.7

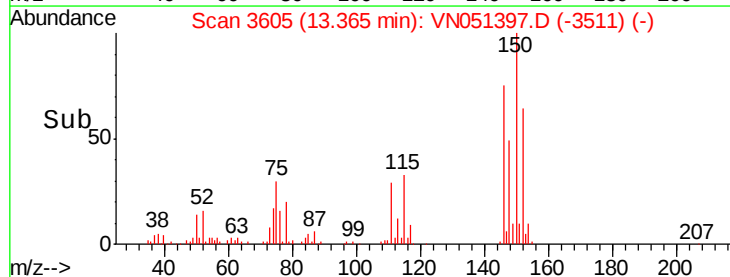
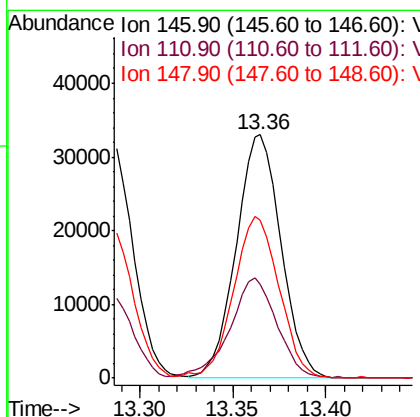
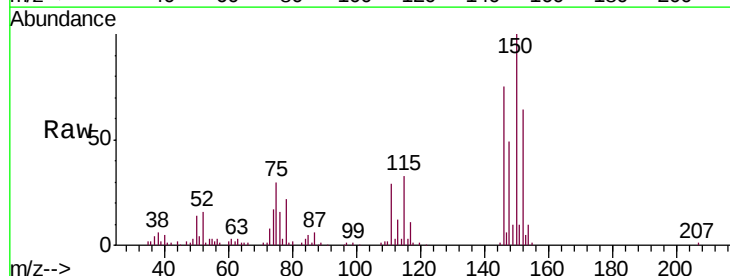
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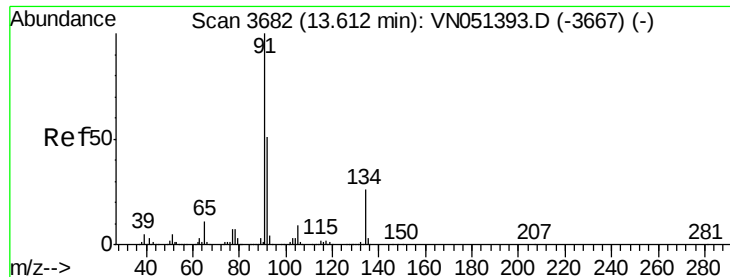
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#88
 1,4-Dichlorobenzene
 Concen: 5.370 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN051397.D
 Acq: 22 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.3	19.1	57.1
148	67.4	32.5	97.5





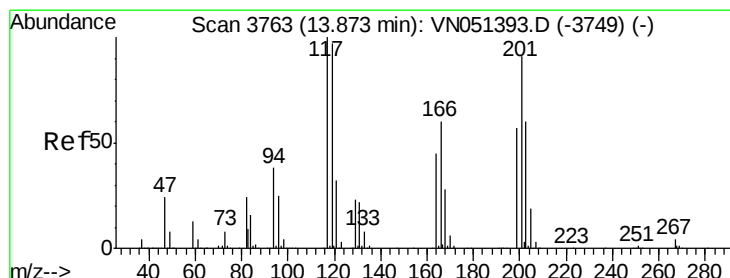
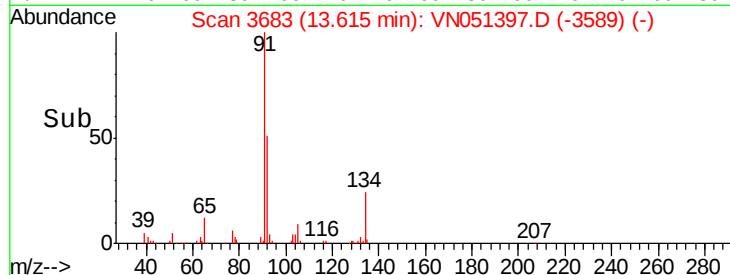
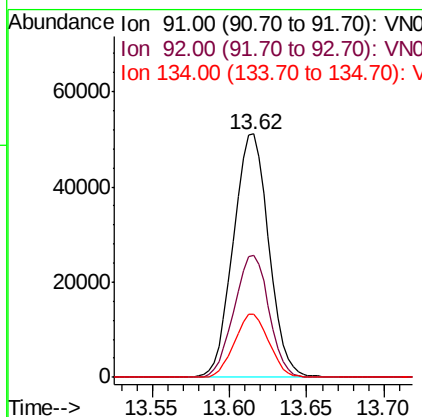
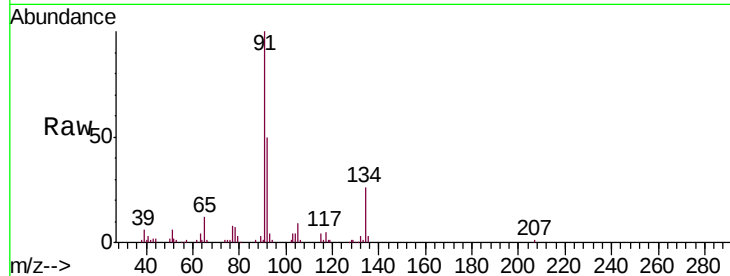
#89
n-Butylbenzene
Concen: 4.755 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN051397.D
Acq: 22 Sep 2018 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
91	100		
92	49.4	25.5	76.5
134	25.1	13.3	39.8

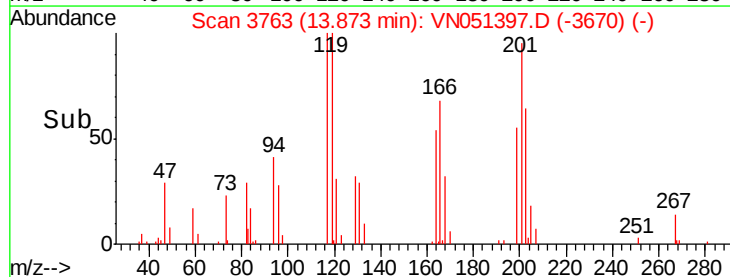
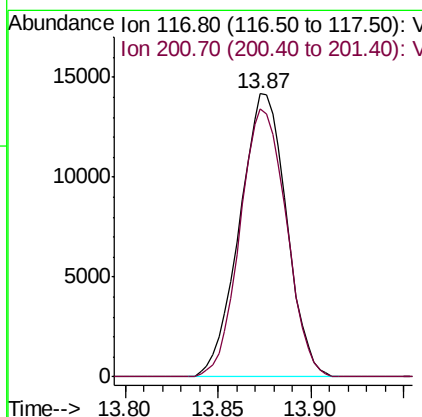
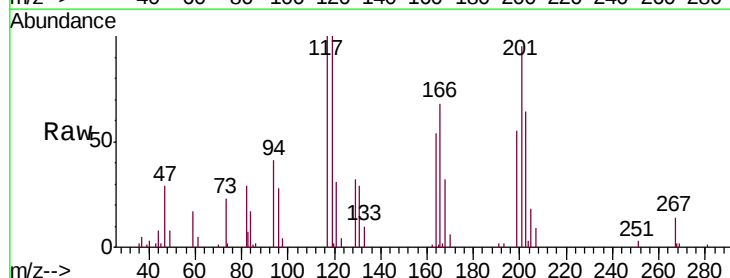
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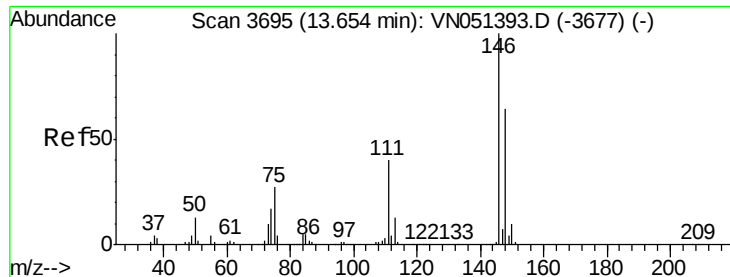
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#90
Hexachloroethane
Concen: 5.987 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN051397.D
Acq: 22 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.3	45.5	136.4





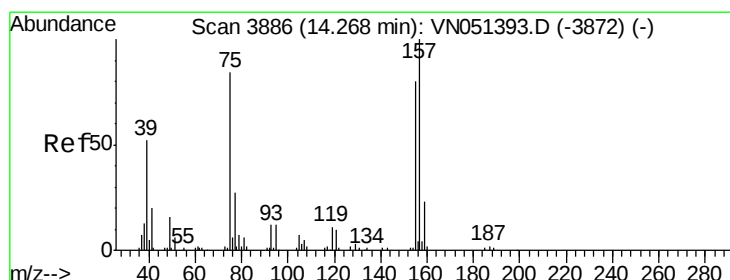
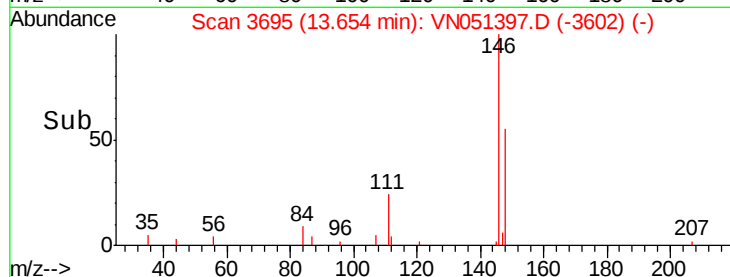
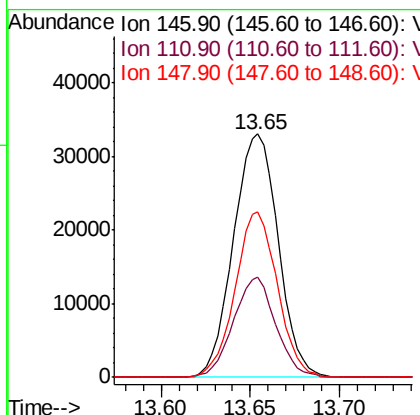
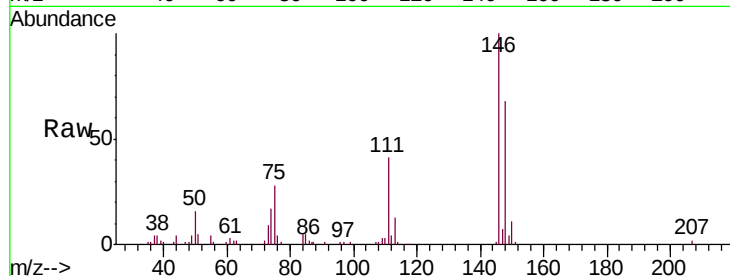
#91
 1,2-Dichlorobenzene
 Concen: 5.531 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN051397.D
 Acq: 22 Sep 2018 15:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	20.0	60.0
148	64.0	32.1	96.5

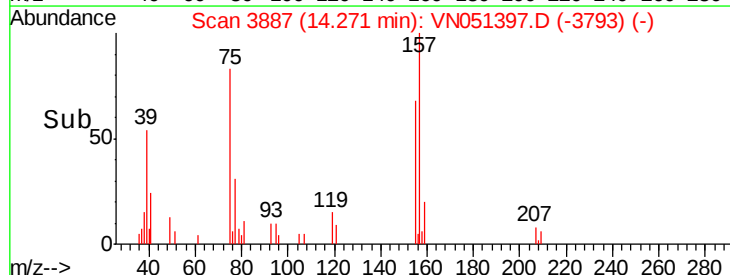
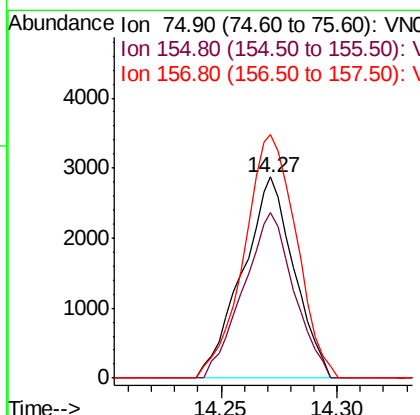
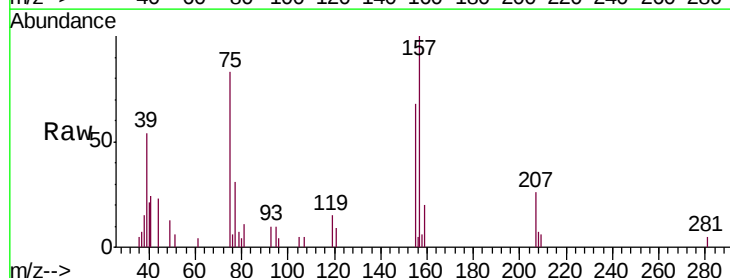
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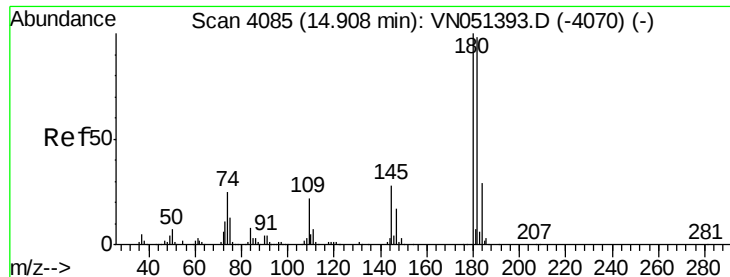
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.440 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN051397.D
 Acq: 22 Sep 2018 15:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.4	46.9	140.6
157	122.6	58.4	175.1





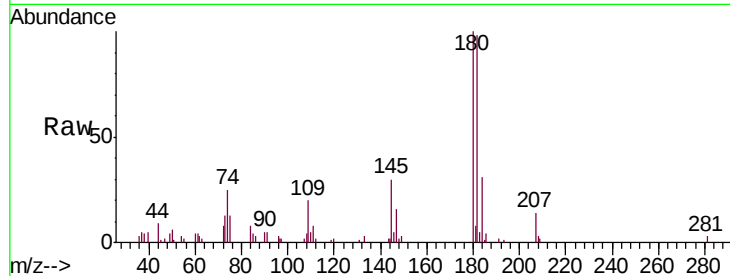
#93
 1,2,4-Trichlorobenzene
 Concen: 8.932 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN051397.D
 Acq: 22 Sep 2018 15:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	18834		
182	98.0	48.5	145.6	
145	30.1	14.1	42.4	

Manual Integrations
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MMDadoda
 9/24/2018 2:15:22 PM

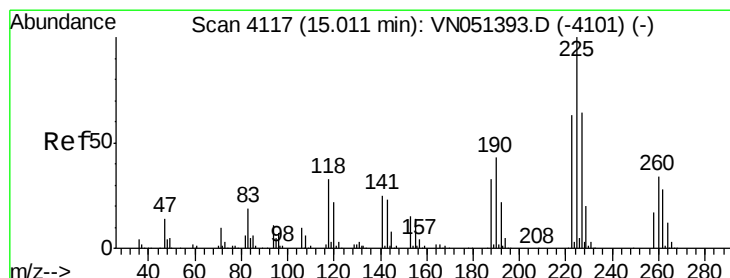
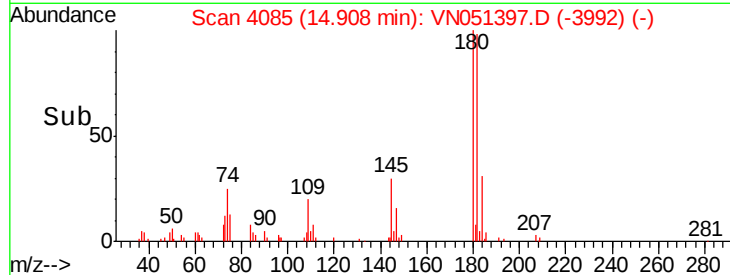
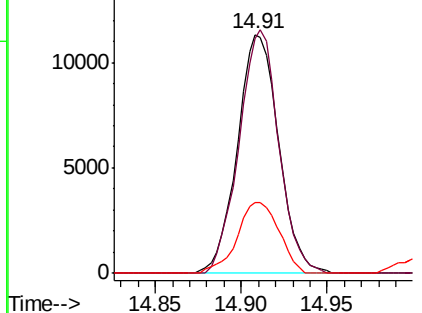


Abundance

Ion 179.80 (179.50 to 180.50): V

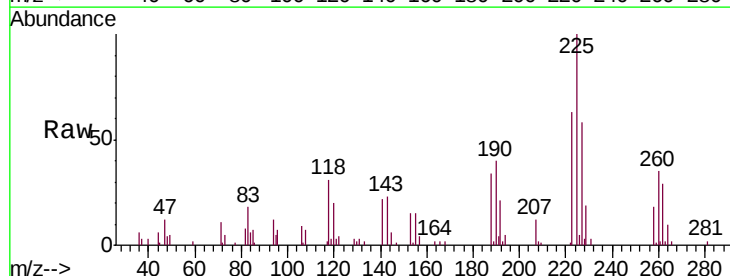
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 6.016 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN051397.D
 Acq: 22 Sep 2018 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	23724		
223	62.8	31.9	95.9	
227	62.7	32.5	97.5	

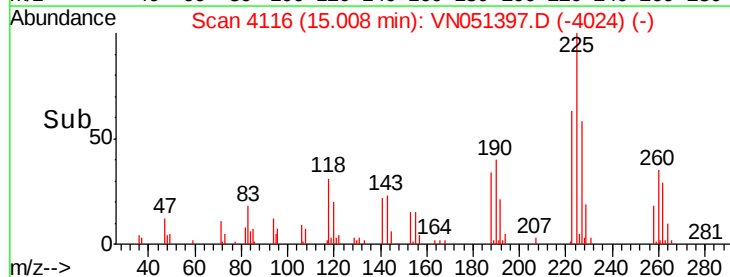
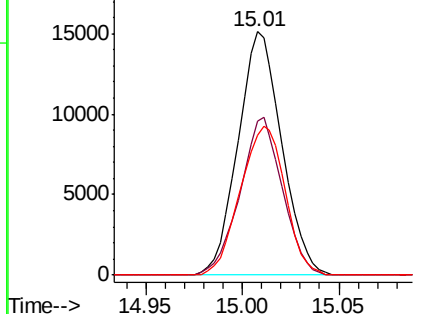


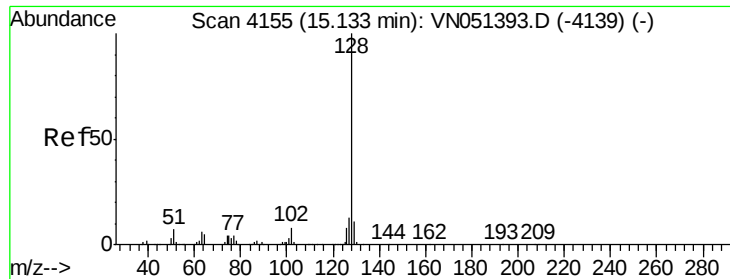
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





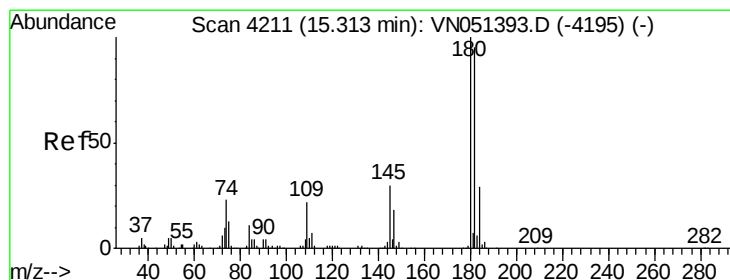
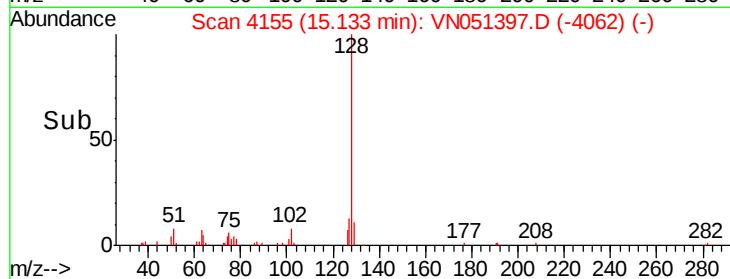
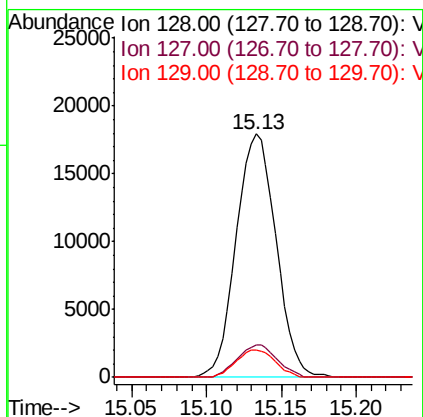
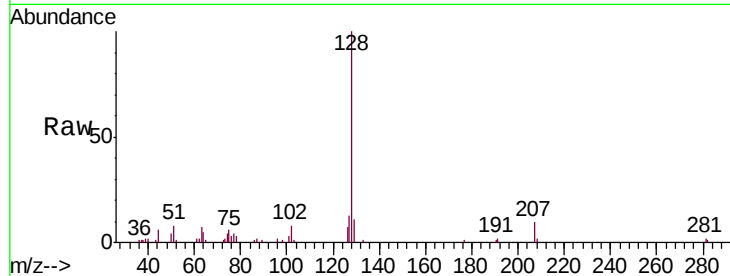
#95
Naphthalene
Concen: 10.635 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN051397.D
Acq: 22 Sep 2018 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	33357		
127	13.2	10.5	15.7	
129	11.0	8.6	12.8	

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#96
1,2,3-Trichlorobenzene
Concen: 4.182 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN051397.D
Acq: 22 Sep 2018 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	20920		
182	95.9	47.2	141.6	
145	29.6	14.6	43.8	

