

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
 Data File : VN051427.D
 Acq On : 23 Sep 2018 21:44
 Operator : MD\SY
 Sample : VN0923WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBS02

Manual Integrations
 APPROVED

apatel
 9/25/2018 11:52:15 AM

Quant Time: Sep 24 07:59:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	498025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	725838	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	627954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	306629	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	324224	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
35) Dibromofluoromethane	7.59	113	289574	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
50) Toluene-d8	10.09	98	1073435	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
62) 4-Bromofluorobenzene	12.40	95	327989	46.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.78%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.85	85	90350	19.445	ug/l 98
3) Chloromethane	2.06	50	153849	20.800	ug/l 100
4) Vinyl Chloride	2.18	62	167931	20.571	ug/l 97
5) Bromomethane	2.57	94	96066	19.673	ug/l 96
6) Chloroethane	2.71	64	104804	20.603	ug/l 96
7) Trichlorofluoromethane	3.02	101	228605	21.379	ug/l 99
8) Diethyl Ether	3.41	74	78199	21.765	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	3.76	101	142286	23.578	ug/l 99
10) Methyl Iodide	3.95	142	174238	21.891	ug/l 99
11) Tert butyl alcohol	4.79	59	40512	115.060	ug/l 98
12) 1,1-Dichloroethene	3.74	96	129908	23.445	ug/l 97
13) Acrolein	3.61	56	41921	119.901	ug/l 97
14) Allyl chloride	4.33	41	221937	23.873	ug/l 99
15) Acrylonitrile	4.99	53	227976	119.027	ug/l 99
16) Acetone	3.82	43	159815	100.928	ug/l 99
17) Carbon Disulfide	4.05	76	380909	23.398	ug/l 99
18) Methyl Acetate	4.33	43	123308	25.952	ug/l 96
19) Methyl tert-butyl Ether	5.05	73	333594	23.347	ug/l 100
20) Methylene Chloride	4.55	84	156306	25.319	ug/l 97
21) trans-1,2-Dichloroethene	5.05	96	136795	24.133	ug/l 99
22) Diisopropyl ether	5.96	45	383219	21.325	ug/l 99
23) Vinyl Acetate	5.90	43	1167209	98.933	ug/l 99
24) 1,1-Dichloroethane	5.85	63	226372	21.112	ug/l 99
25) 2-Butanone	6.84	43	186033	87.121	ug/l 97
26) 2,2-Dichloropropane	6.83	77	144573	17.273	ug/l 99
27) cis-1,2-Dichloroethene	6.83	96	119320	19.184	ug/l 97
28) Bromochloromethane	7.20	49	100595	20.316	ug/l 100
29) Tetrahydrofuran	7.21	42	129976	96.052	ug/l 98
30) Chloroform	7.37	83	218976	20.611	ug/l 99
31) Cyclohexane	7.66	56	188649	19.204	ug/l 98
32) 1,1,1-Trichloroethane	7.57	97	188671	20.773	ug/l 99
36) 1,1-Dichloropropene	7.80	75	160810	19.132	ug/l 98
37) Ethyl Acetate	6.93	43	93316	19.309	ug/l 99
38) Carbon Tetrachloride	7.77	117	168823	19.203	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	175072	17.817	ug/l	96
40) Benzene	8.04	78	483384	19.586	ug/l	100
41) Methacrylonitrile	7.18	41	50531	18.899	ug/l	92
42) 1,2-Dichloroethane	8.13	62	155261	19.647	ug/l	100
43) Isopropyl Acetate	8.17	43	173073	19.805	ug/l #	89
44) Trichloroethene	8.84	130	125596	19.160	ug/l	100
45) 1,2-Dichloropropane	9.12	63	132049	19.683	ug/l	99
46) Dibromomethane	9.21	93	73268	19.329	ug/l	99
47) Bromodichloromethane	9.40	83	165176	19.691	ug/l	97
48) Methyl methacrylate	9.20	41	78301	17.972	ug/l	100
49) 1,4-Dioxane	9.20	88	18855	353.112	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	435172	90.546	ug/l	100
52) Toluene	10.16	92	291050	18.976	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	150058	17.719	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	178460	18.171	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	106167	19.586	ug/l	97
56) Ethyl methacrylate	10.43	69	117516	17.732	ug/l	100
57) 1,3-Dichloropropane	10.71	76	175674	18.908	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	308354	99.339	ug/l	98
59) 2-Hexanone	10.75	43	260334	83.558	ug/l	98
60) Dibromochloromethane	10.90	129	120092	18.777	ug/l	99
61) 1,2-Dibromoethane	11.01	107	98592	18.736	ug/l	98
64) Tetrachloroethene	10.63	164	119209	20.918	ug/l	98
65) Chlorobenzene	11.43	112	306455	19.021	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	121483	19.791	ug/l	99
67) Ethyl Benzene	11.51	91	512048	18.859	ug/l	100
68) m/p-Xylenes	11.62	106	402787	38.351	ug/l	100
69) o-Xylene	11.95	106	190296	18.848	ug/l	97
70) Styrene	11.96	104	296835	18.554	ug/l	97
71) Bromoform	12.13	173	77356	18.573	ug/l #	100
73) Isopropylbenzene	12.25	105	515513	19.926	ug/l	100
74) N-amyl acetate	12.07	43	117299	18.070	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	118267	19.603	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	111240m	21.854	ug/l	
77) Bromobenzene	12.53	156	126724	19.349	ug/l	99
78) n-propylbenzene	12.59	91	572764	19.644	ug/l	98
79) 2-Chlorotoluene	12.67	91	350776	20.098	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	420054	19.912	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	27568	16.653	ug/l	93
82) 4-Chlorotoluene	12.77	91	338393	19.425	ug/l	99
83) tert-Butylbenzene	12.99	119	367245	19.558	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	427538	20.112	ug/l	100
85) sec-Butylbenzene	13.17	105	498448	19.622	ug/l	100
86) p-Isopropyltoluene	13.29	119	422783	19.235	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	214569	18.932	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	206556	18.941	ug/l	98
89) n-Butylbenzene	13.62	91	319299	17.666	ug/l	99
90) Hexachloroethane	13.87	117	85003	19.409	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	212589	19.332	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	17690	20.547	ug/l	91

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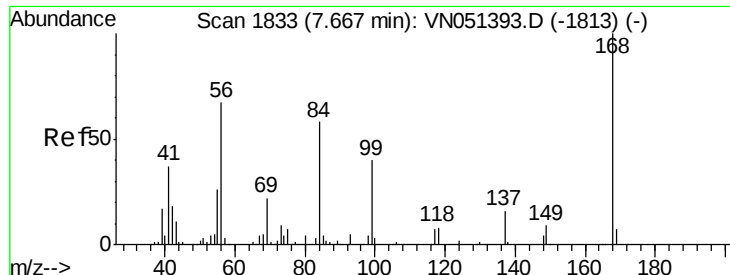
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	84847	18.581	ug/l	96
94) Hexachlorobutadiene	15.01	225	78361	18.834	ug/l	97
95) Naphthalene	15.13	128	136692	18.105	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	83457	15.814	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051427.D

Acq: 23 Sep 2018 21:44

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS02

Tgt Ion:168 Resp: 498025

Ion Ratio Lower Upper

168 100

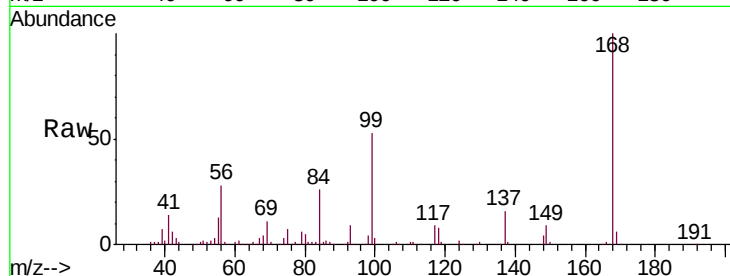
99 52.4 40.2 60.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

250000

200000

150000

100000

50000

0

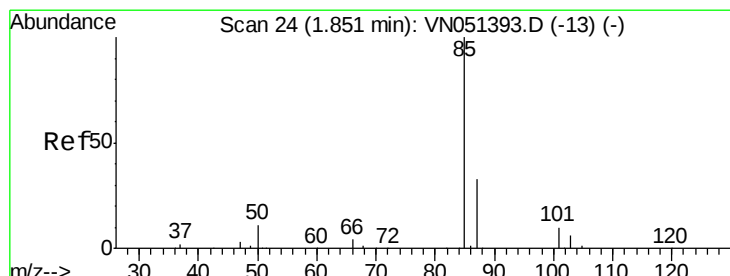
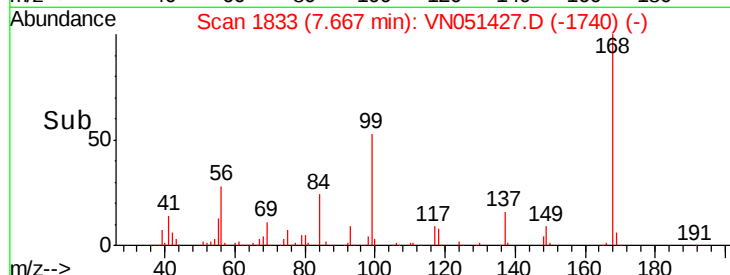
7.60

7.67

7.70

7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.445 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN051427.D

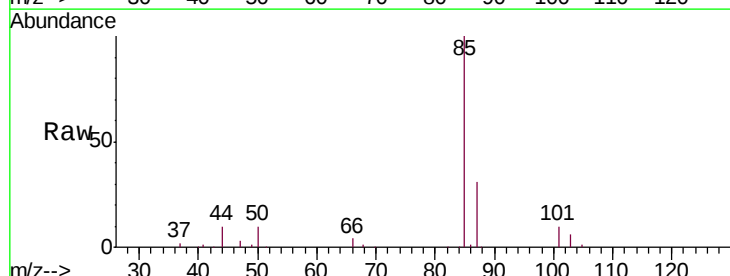
Acq: 23 Sep 2018 21:44

Tgt Ion: 85 Resp: 90350

Ion Ratio Lower Upper

85 100

87 31.2 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

80000

60000

40000

20000

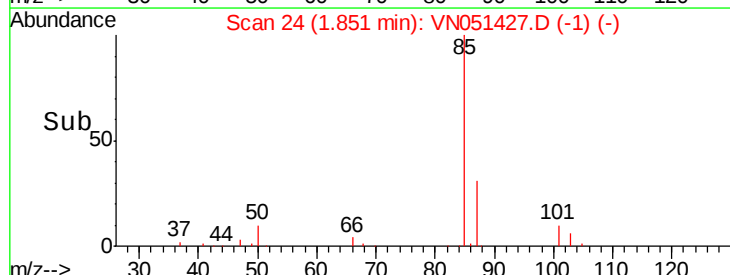
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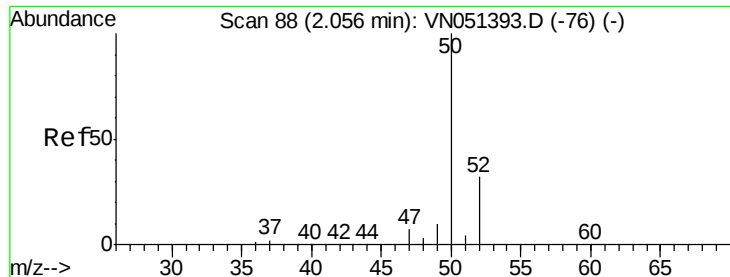
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 20.800 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN051427.D

Acq: 23 Sep 2018 21:44

Instrument :

MSVOA_N

ClientSampled :

VN0923WBS02

Tgt Ion: 50 Resp: 153849

Ion Ratio Lower Upper

50 100

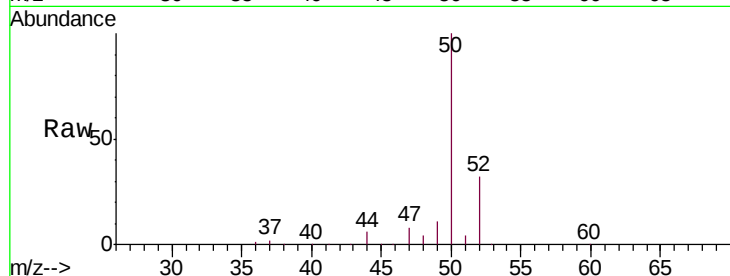
52 32.2 25.7 38.5

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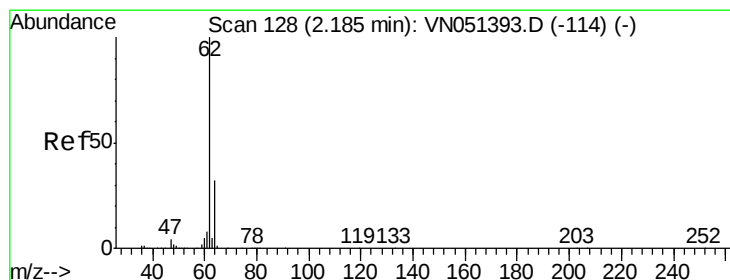
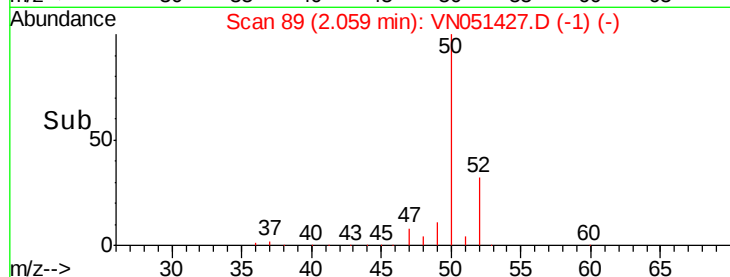
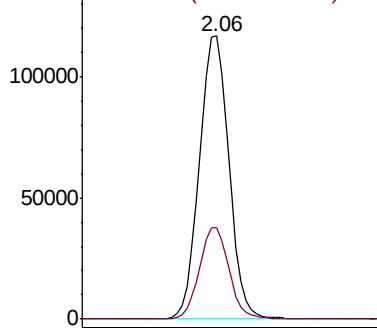
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 20.571 ug/l

RT: 2.18 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN051427.D

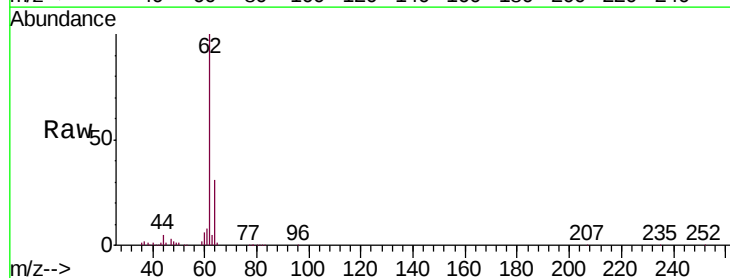
Acq: 23 Sep 2018 21:44

Tgt Ion: 62 Resp: 167931

Ion Ratio Lower Upper

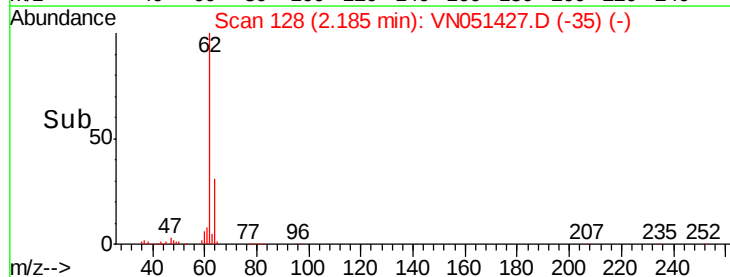
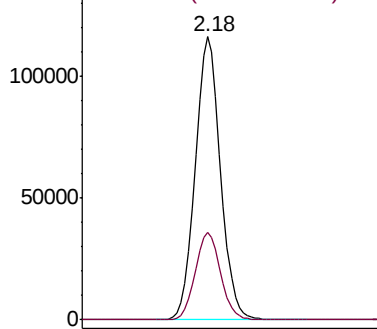
62 100

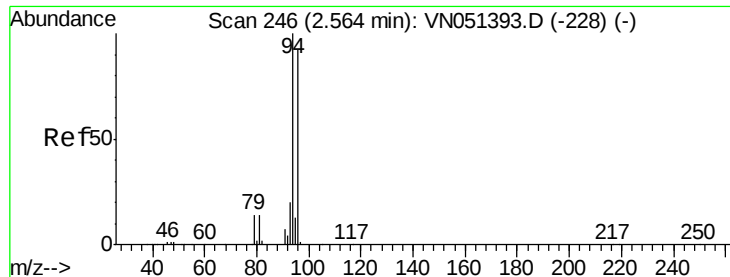
64 30.9 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 19.673 ug/l

RT: 2.57 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN051427.D

Acq: 23 Sep 2018 21:44

Instrument :

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ClientSampled :

VN0923WBS02

Tgt Ion: 94 Resp: 96066

Ion Ratio Lower Upper

94 100

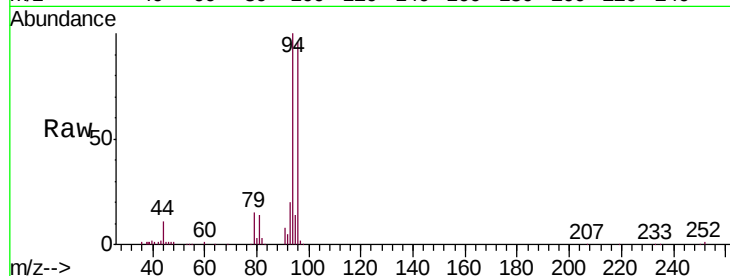
96 95.5 73.6 110.4

Manual Integrations

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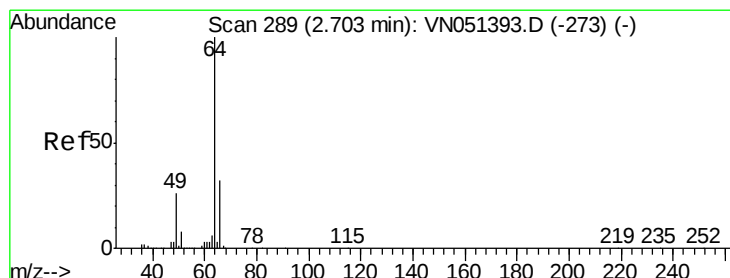
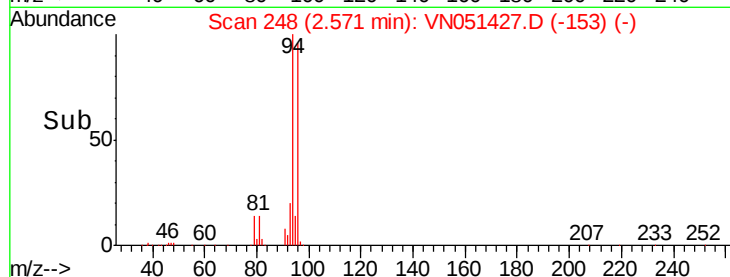
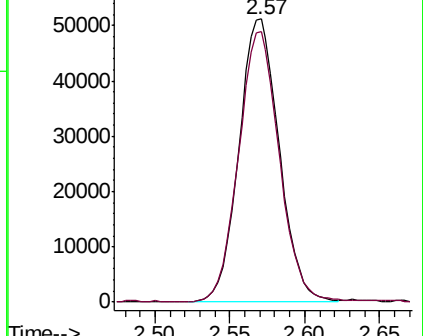
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 20.603 ug/l

RT: 2.71 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN051427.D

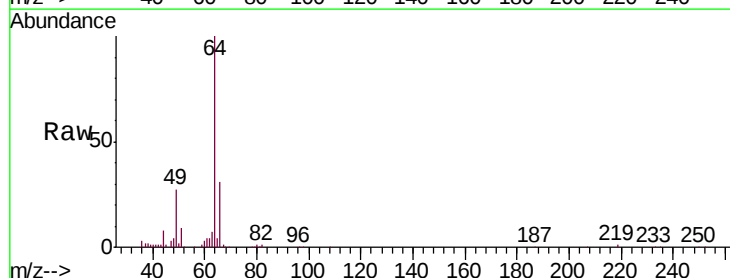
Acq: 23 Sep 2018 21:44

Tgt Ion: 64 Resp: 104804

Ion Ratio Lower Upper

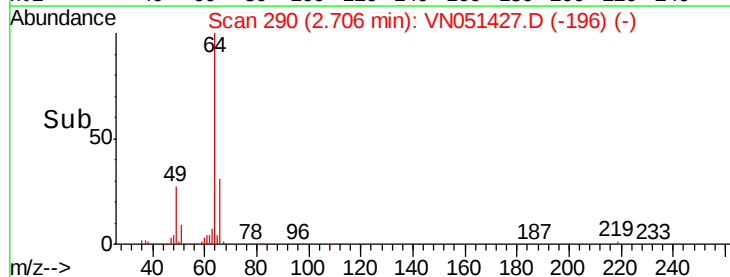
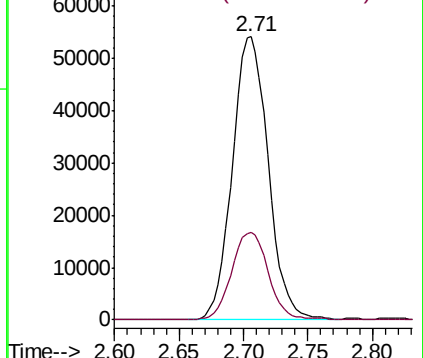
64 100

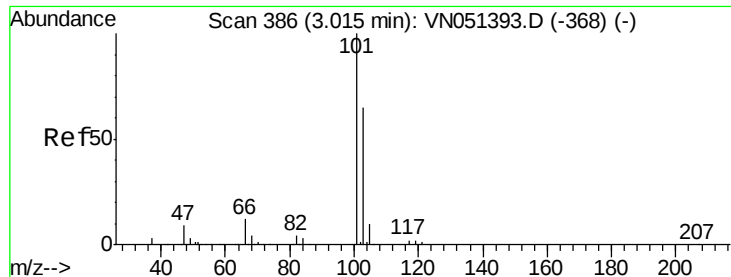
66 30.4 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

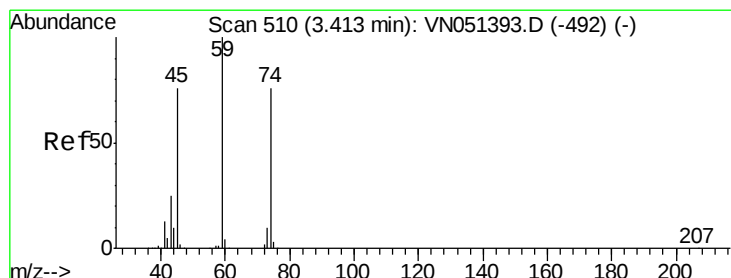
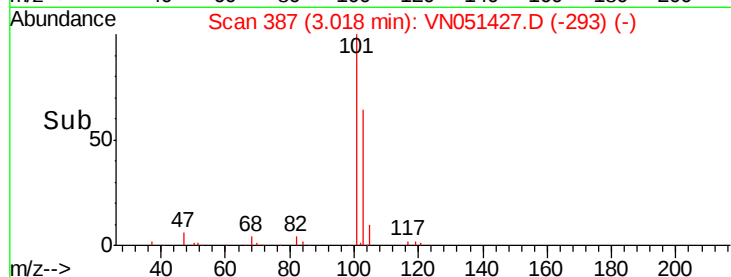
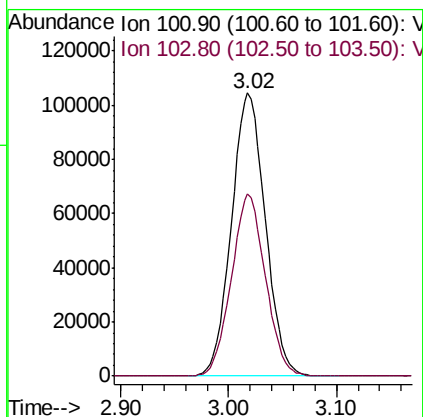
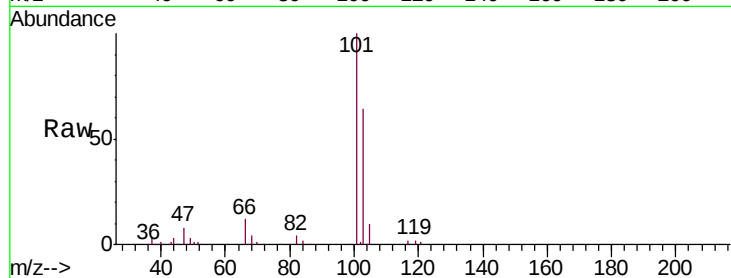
Trichlorofluoromethane
 Concen: 21.379 ug/l
 RT: 3.02 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN051427.D
 Acq: 23 Sep 2018 21:44

Instrument :
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 VN0923WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	228605		
103	64.4	51.8	77.8	

Manual Integrations
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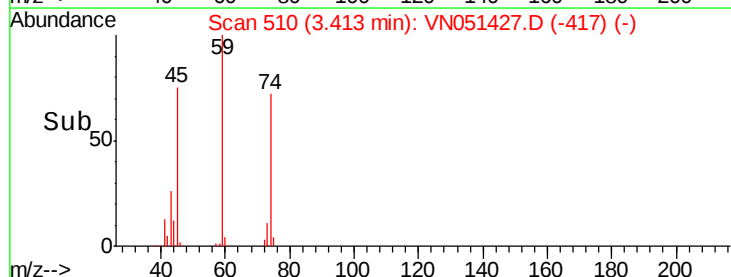
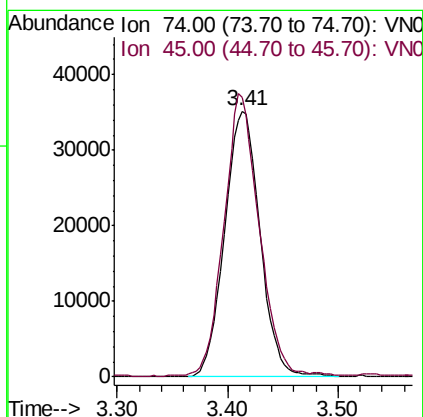
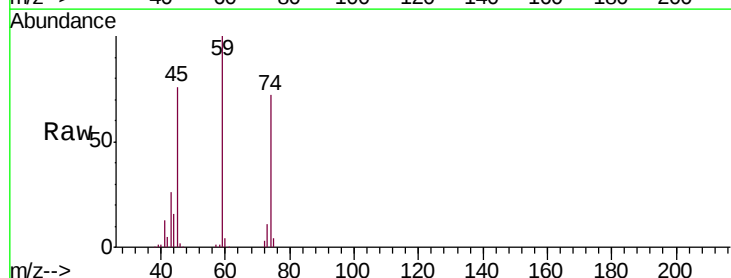
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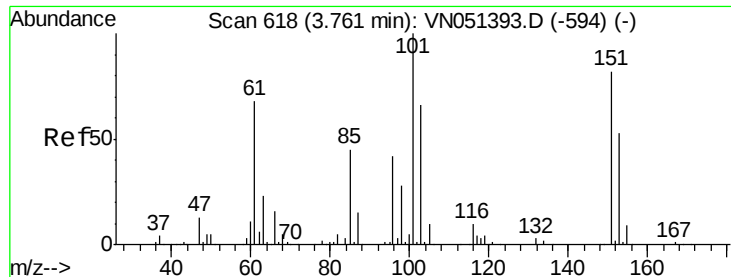


#8

Diethyl Ether
 Concen: 21.765 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN051427.D
 Acq: 23 Sep 2018 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	78199		
45	106.2	50.2	150.7	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.578 ug/l

RT: 3.76 min Scan# 617

Delta R.T. -0.00 min

Lab File: VN051427.D

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Instrument :

MSVOA_N

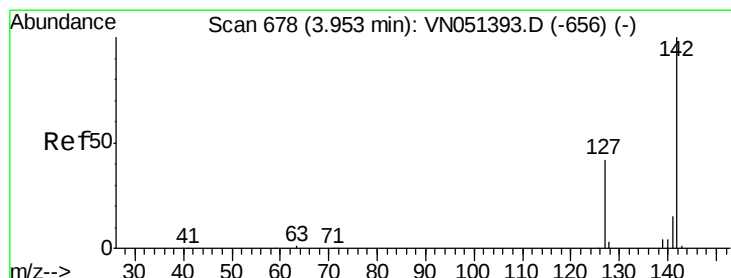
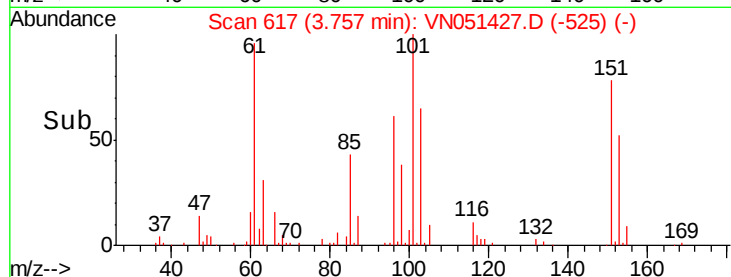
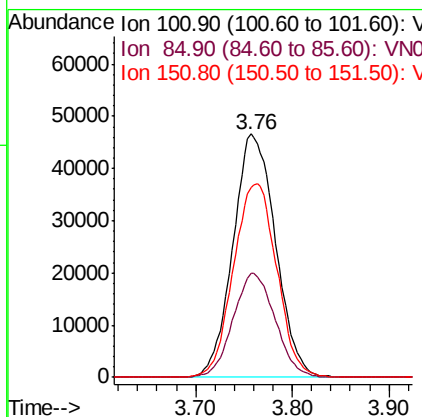
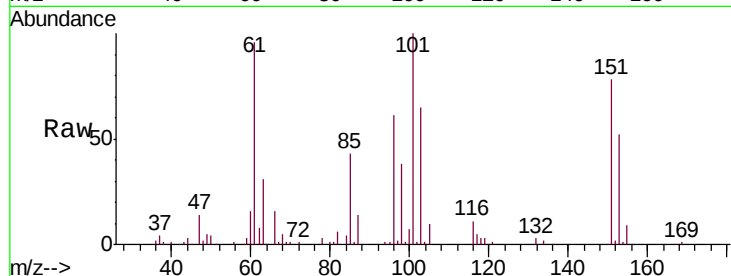
ClientSampleId :

VN0923WBS02

Tgt Ion:	101	Resp:	142286
Ion Ratio	Lower	Upper	
101	100		
85	42.2	33.9	50.9
151	80.8	65.2	97.8

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#10

Methyl Iodide

Concen: 21.891 ug/l

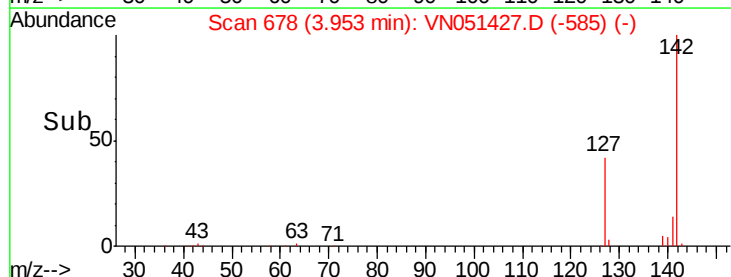
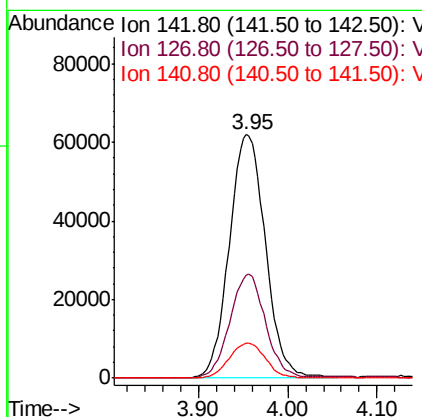
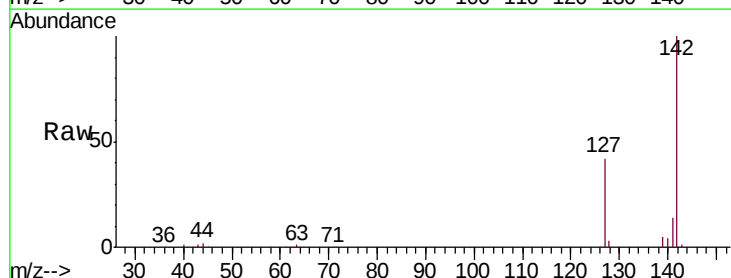
RT: 3.95 min Scan# 678

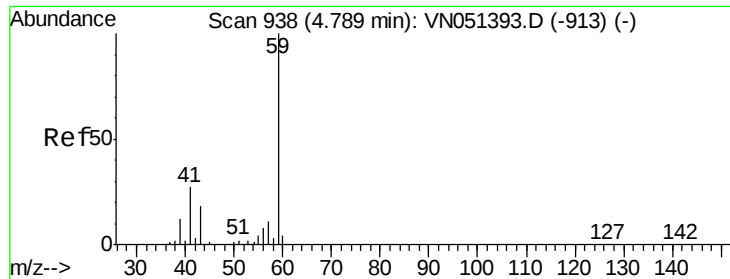
Delta R.T. 0.00 min

Lab File: VN051427.D

Acq: 23 Sep 2018 21:44

Tgt Ion:	142	Resp:	174238
Ion Ratio	Lower	Upper	
142	100		
127	42.1	33.2	49.8
141	14.5	11.5	17.3





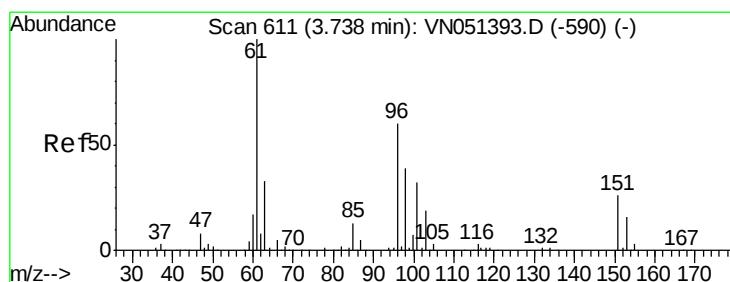
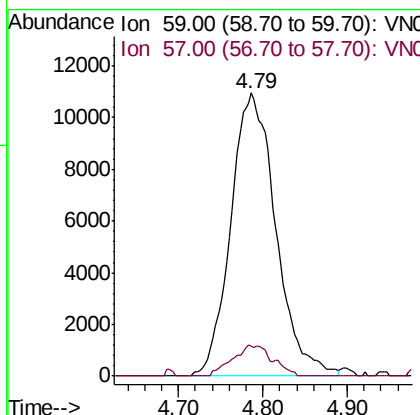
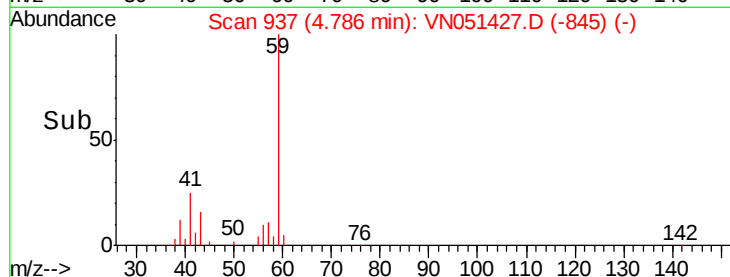
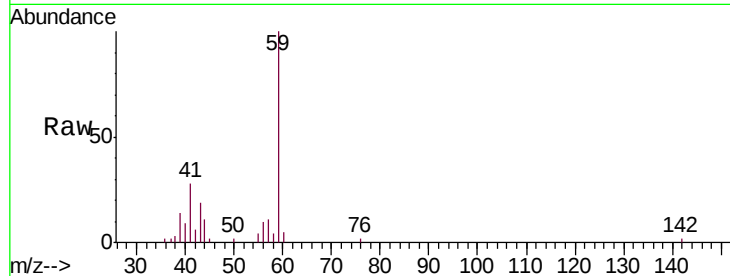
#11
Tert butyl alcohol
Concen: 115.060 ug/l
RT: 4.79 min Scan# 937
Delta R.T. -0.00 min
Lab File: VN051427.D
Acq: 23 Sep 2018 21:44

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS02

Tgt Ion: 59 Resp: 40512
Ion Ratio Lower Upper
59 100
57 8.4 6.2 9.2

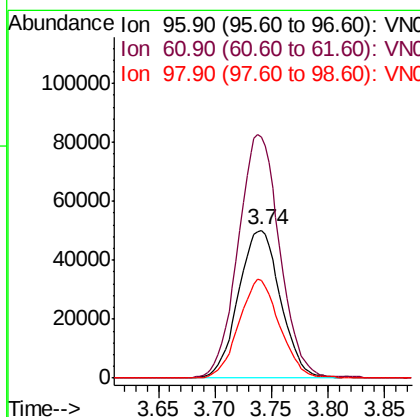
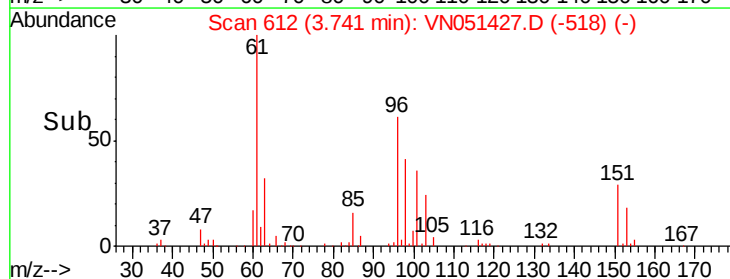
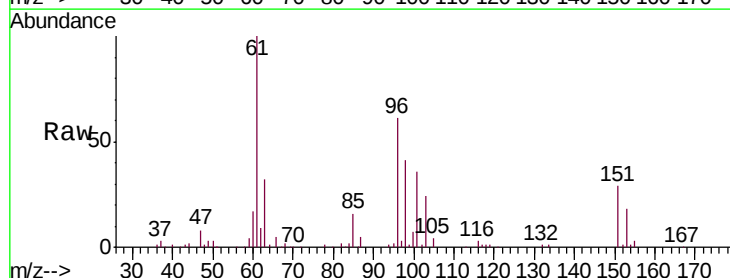
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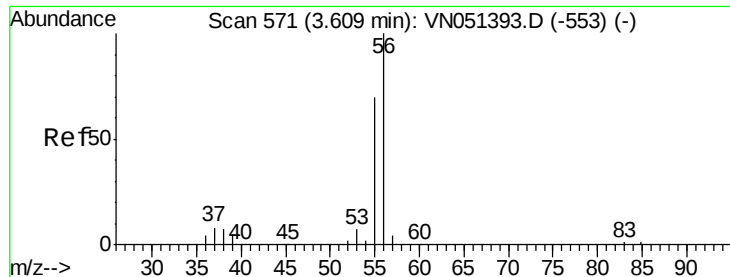
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#12
1,1-Dichloroethene
Concen: 23.445 ug/l
RT: 3.74 min Scan# 612
Delta R.T. 0.00 min
Lab File: VN051427.D
Acq: 23 Sep 2018 21:44

Tgt Ion: 96 Resp: 129908
Ion Ratio Lower Upper
96 100
61 162.6 133.6 200.4
98 66.2 52.2 78.2





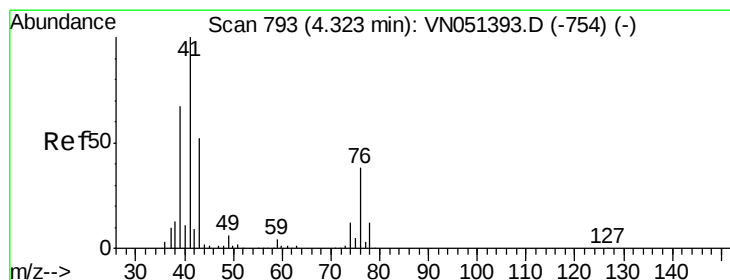
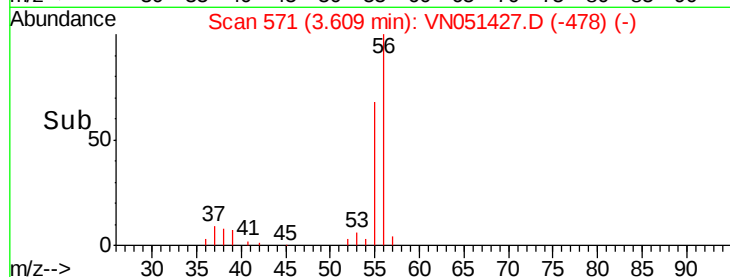
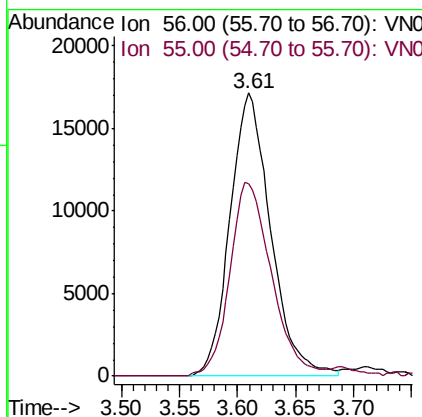
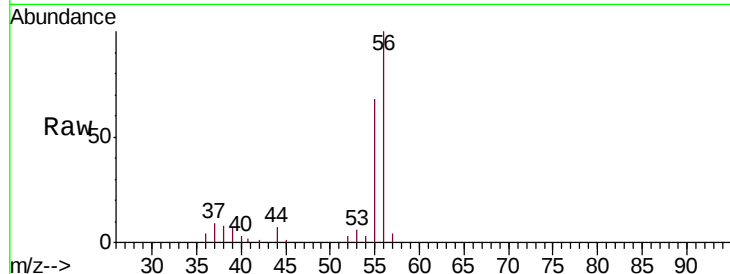
#13
Acrolein
Concen: 119.901 ug/l
RT: 3.61 min Scan# 571
Delta R.T. -0.00 min
Lab File: VN051427.D
Acq: 23 Sep 2018 21:44

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS02

Tgt Ion	Ratio	Lower	Upper
56	100		
55	69.9	57.8	86.8

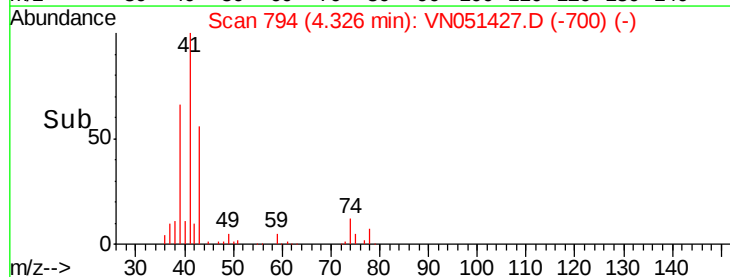
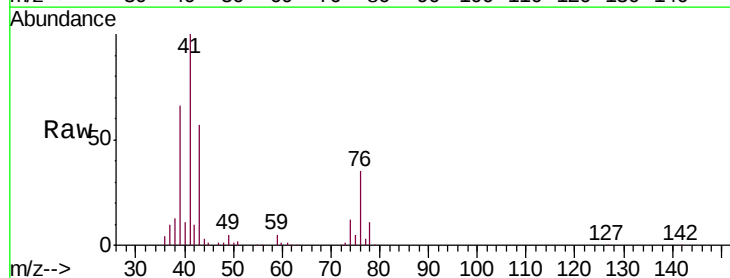
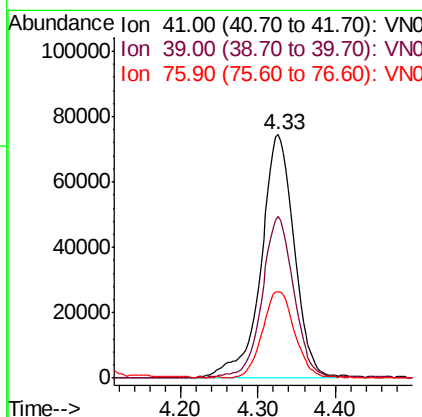
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#14
Allyl chloride
Concen: 23.873 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN051427.D
Acq: 23 Sep 2018 21:44

Tgt Ion	Ratio	Lower	Upper
41	100		
39	63.6	51.4	77.2
76	33.7	28.1	42.1





#15

Acrylonitrile

Concen: 119.027 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN051427.D

Acq: 23 Sep 2018 21:44

Instrument :

MSVOA_N

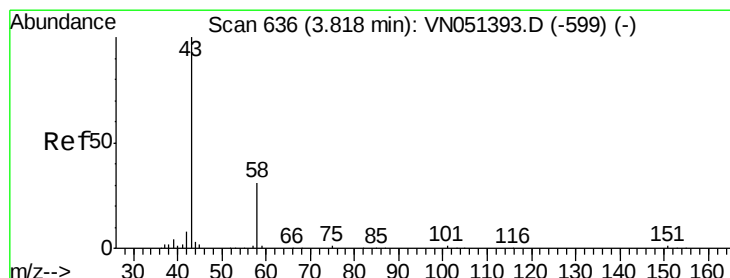
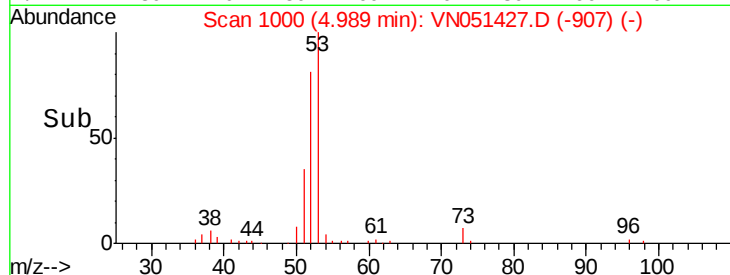
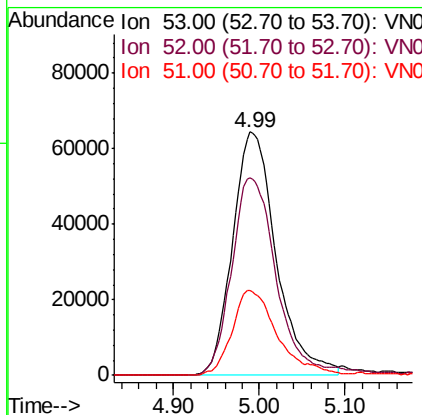
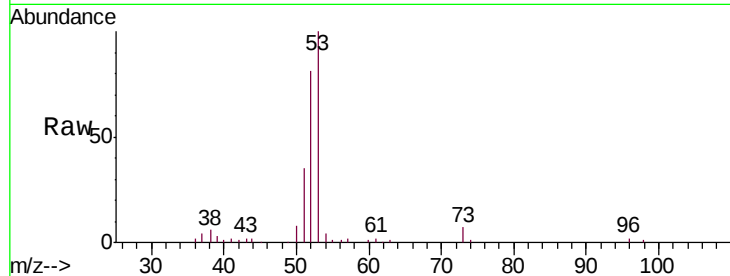
ClientSampled :

VN0923WBS02

Tgt Ion:	53	Resp:	227976
Ion	Ratio	Lower	Upper
53	100		
52	81.5	66.2	99.2
51	36.1	28.6	42.8

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#16

Acetone

Concen: 100.928 ug/l

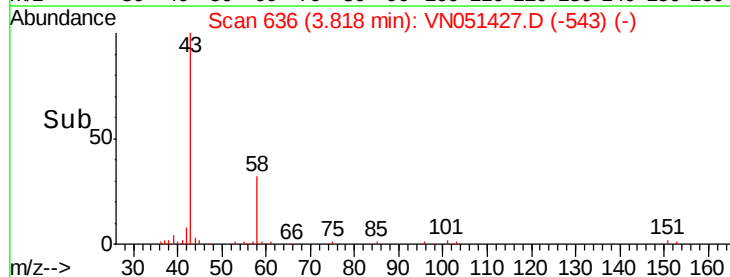
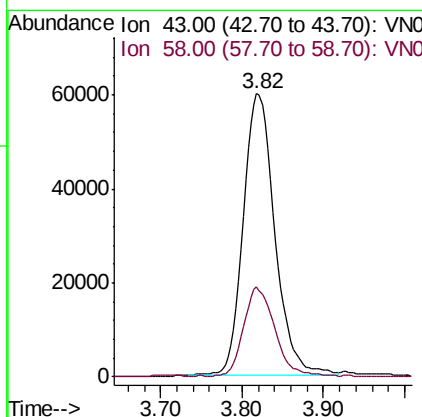
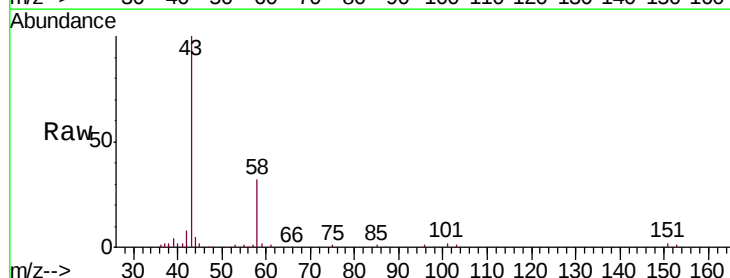
RT: 3.82 min Scan# 636

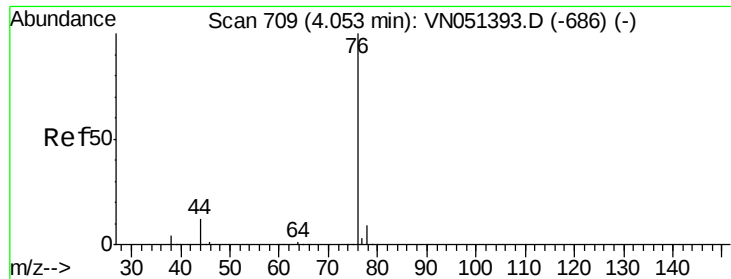
Delta R.T. 0.00 min

Lab File: VN051427.D

Acq: 23 Sep 2018 21:44

Tgt Ion:	43	Resp:	159815
Ion	Ratio	Lower	Upper
43	100		
58	31.5	25.0	37.4





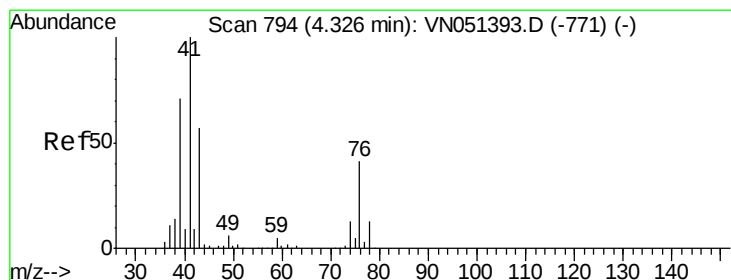
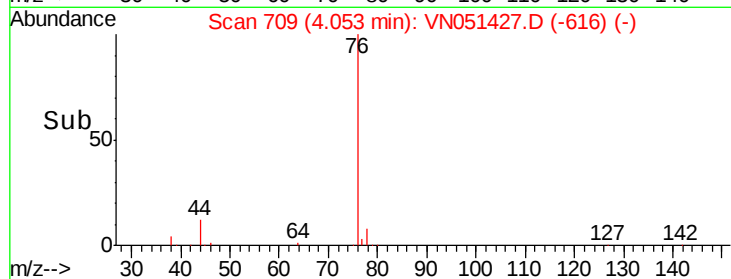
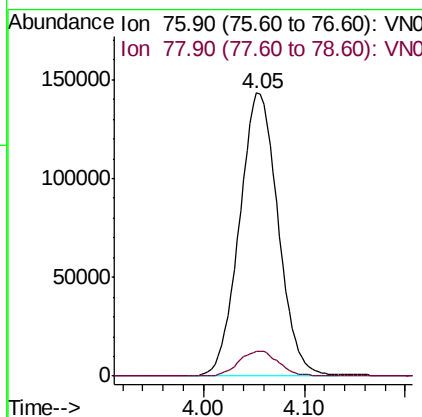
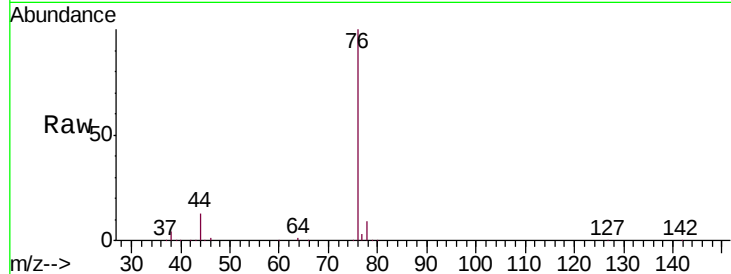
#17
Carbon Disulfide
Concen: 23.398 ug/l
RT: 4.05 min Scan# 709
Delta R.T. -0.00 min
Lab File: VN051427.D
Acq: 23 Sep 2018 21:44

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS02

Tgt Ion: 76 Resp: 380909
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9

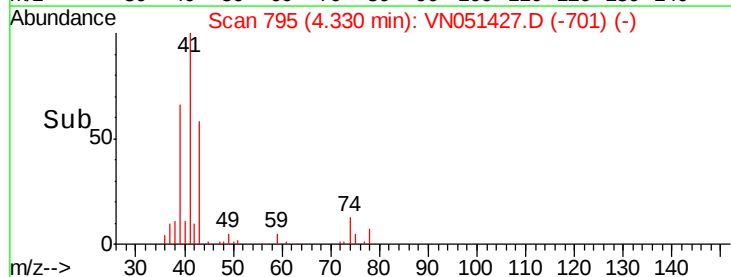
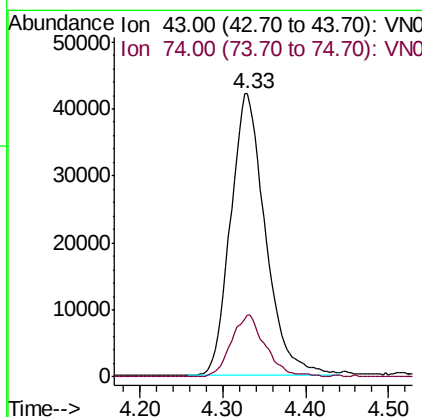
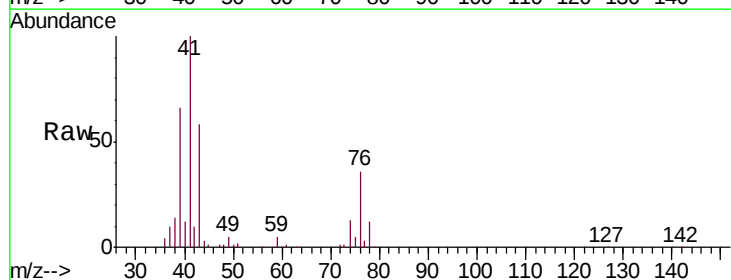
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#18
Methyl Acetate
Concen: 25.952 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN051427.D
Acq: 23 Sep 2018 21:44

Tgt Ion: 43 Resp: 123308
Ion Ratio Lower Upper
43 100
74 21.6 18.8 28.2





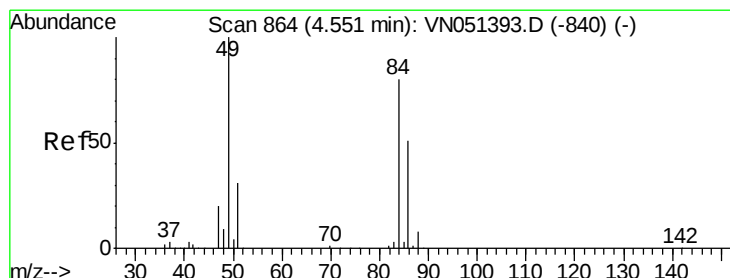
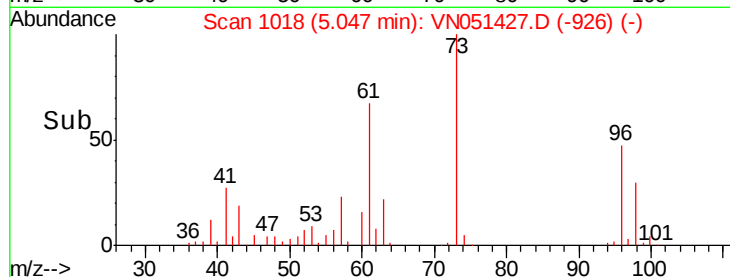
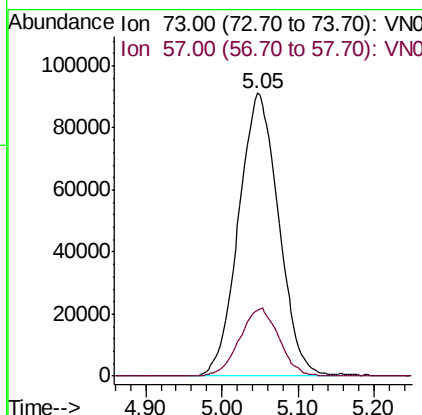
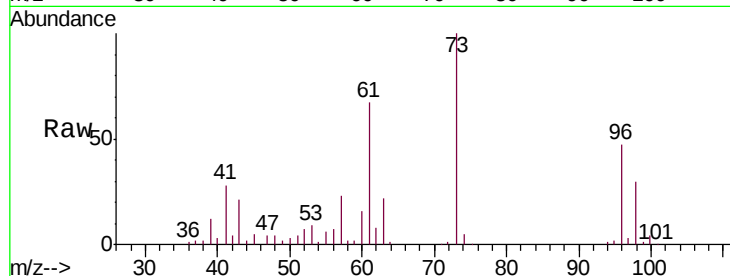
#19
Methyl tert-butyl Ether
Concen: 23.347 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN051427.D
Acq: 23 Sep 2018 21:44

Instrument :
MSVOA_N
ClientSampled :
VN0923WBS02

Tgt Ion: 73 Resp: 333594
Ion Ratio Lower Upper
73 100
57 23.0 18.3 27.5

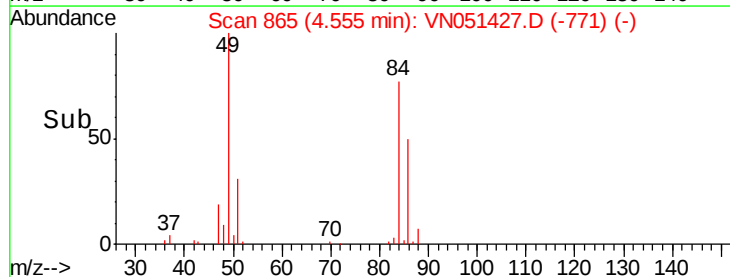
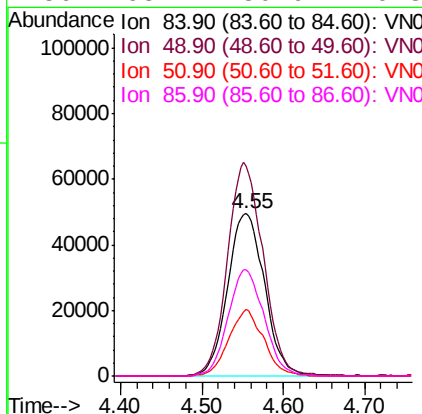
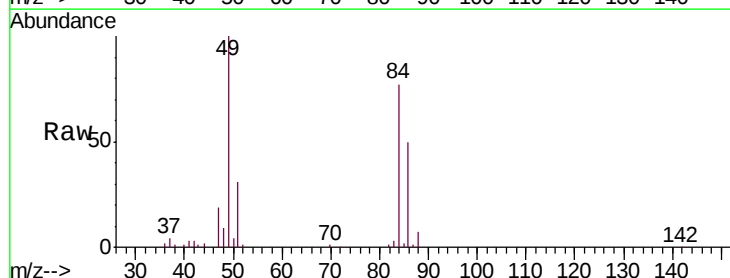
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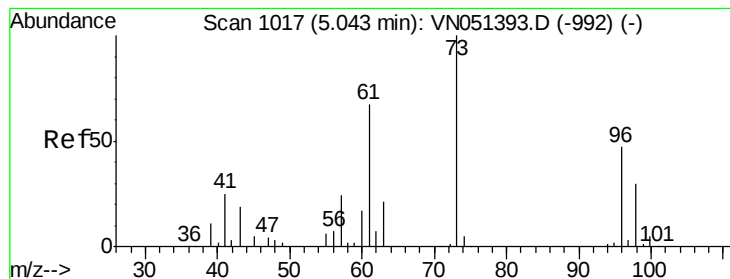
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#20
Methylene Chloride
Concen: 25.319 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051427.D
Acq: 23 Sep 2018 21:44

Tgt Ion: 84 Resp: 156306
Ion Ratio Lower Upper
84 100
49 129.2 99.9 149.9
51 40.8 31.4 47.2
86 65.4 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 24.133 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN051427.D

Acq: 23 Sep 2018 21:44

Instrument :

MSVOA_N

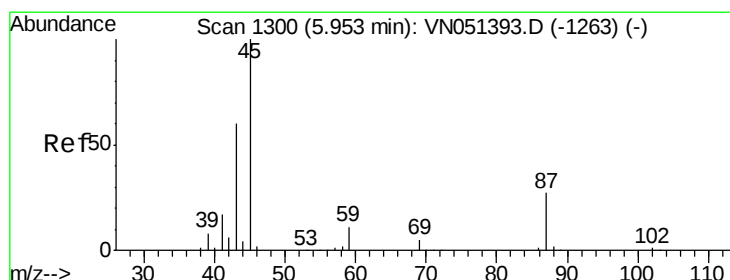
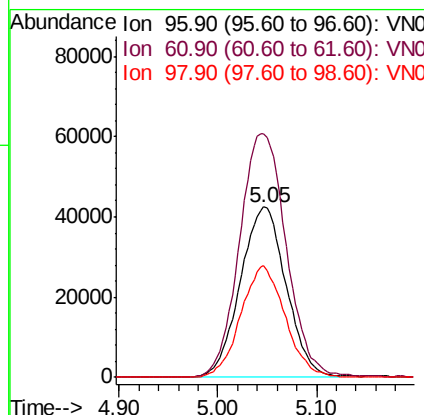
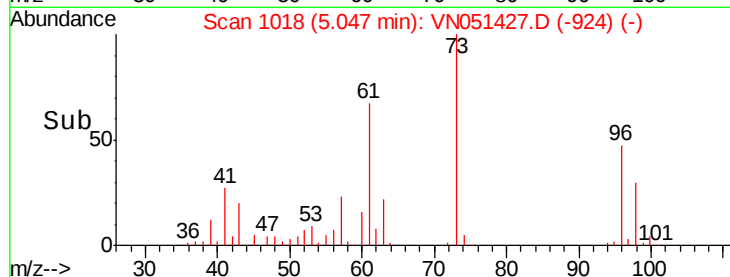
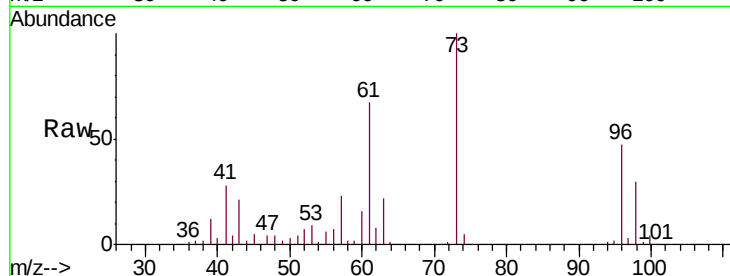
ClientSampled :

VN0923WBS02

Tgt Ion:	96	Resp:	136795
Ion	Ratio	Lower	Upper
96	100		
61	142.7	113.4	170.2
98	65.3	51.1	76.7

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#22

Diisopropyl ether

Concen: 21.325 ug/l

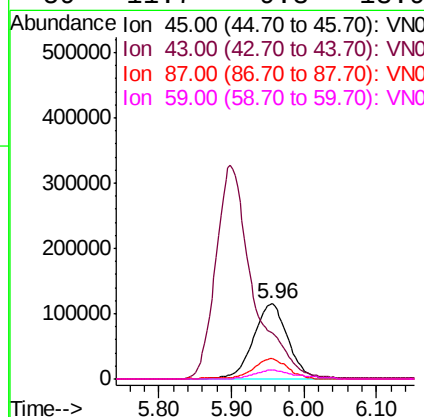
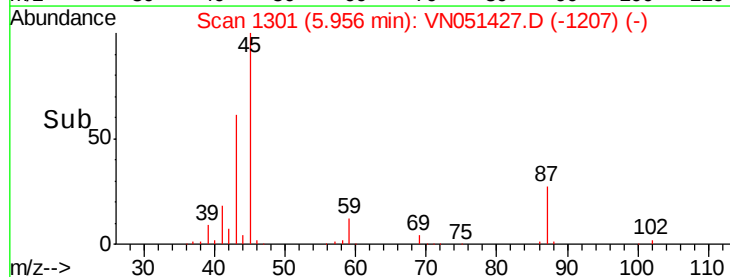
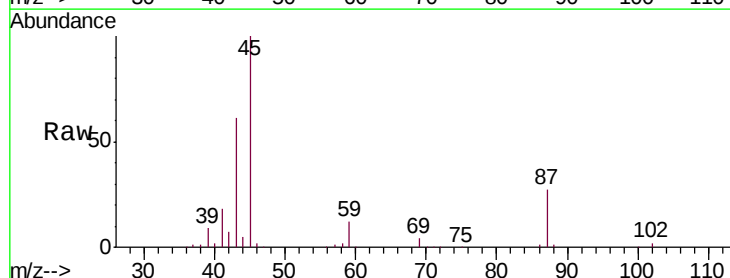
RT: 5.96 min Scan# 1301

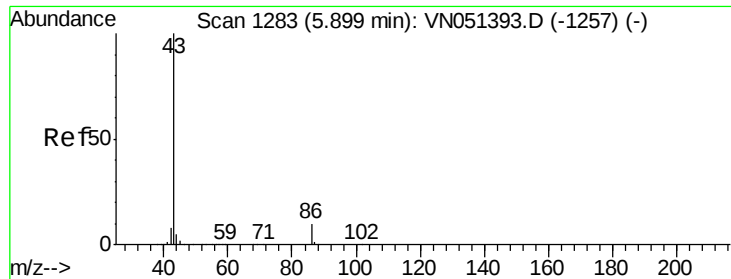
Delta R.T. 0.00 min

Lab File: VN051427.D

Acq: 23 Sep 2018 21:44

Tgt Ion:	45	Resp:	383219
Ion	Ratio	Lower	Upper
45	100		
43	58.7	47.7	71.5
87	26.5	22.0	33.0
59	11.7	9.3	13.9





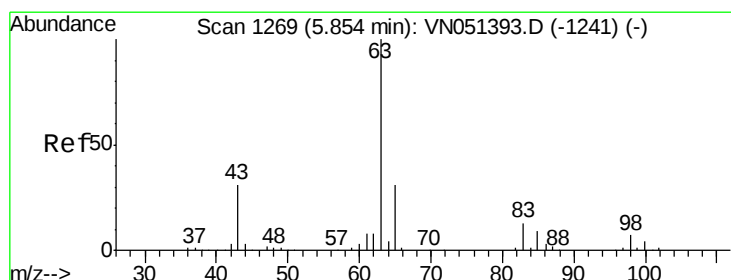
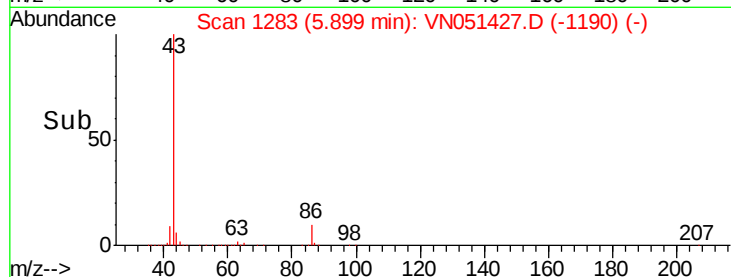
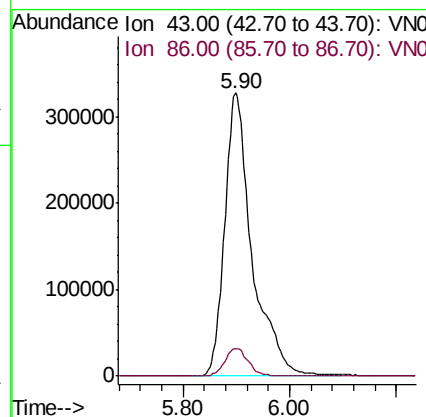
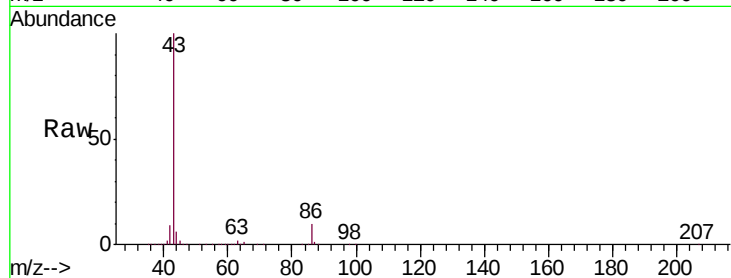
#23
 Vinyl Acetate
 Concen: 98.933 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VN051427.D
 Acq: 23 Sep 2018 21:44

Instrument :
 MSVOA_N
 ClientSampled :
 VN0923WBS02

Tgt Ion: 43 Resp: 1167209
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.2 12.2

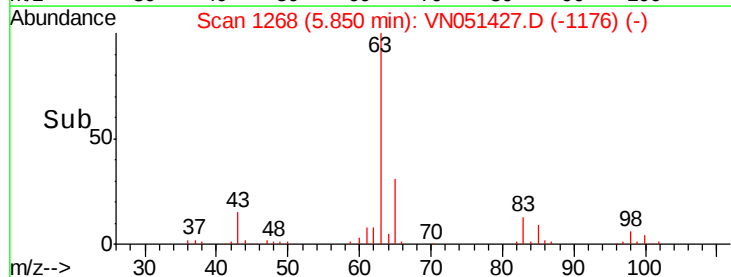
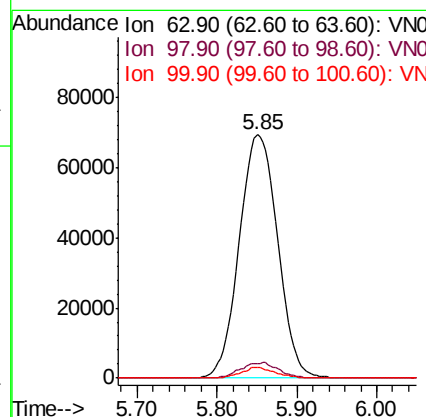
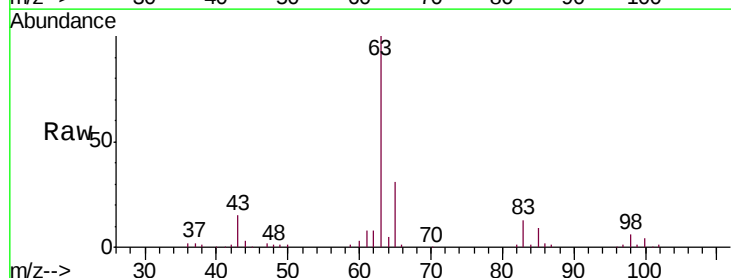
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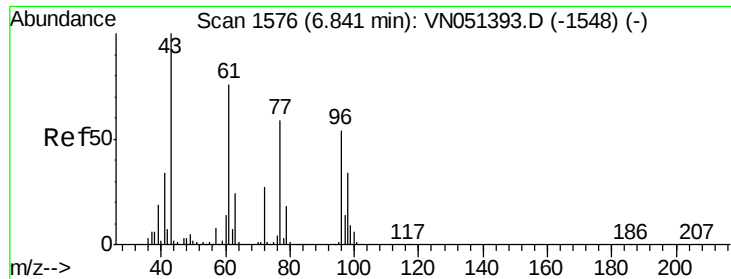
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#24
 1,1-Dichloroethane
 Concen: 21.112 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VN051427.D
 Acq: 23 Sep 2018 21:44

Tgt Ion: 63 Resp: 226372
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.4 10.1
 100 4.5 2.2 6.6





#25

2-Butanone

Concen: 87.121 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. -0.00 min

Lab File: VN051427.D

Acq: 23 Sep 2018 21:44

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS02

Tgt Ion: 43 Resp: 186033

Ion Ratio Lower Upper

43 100

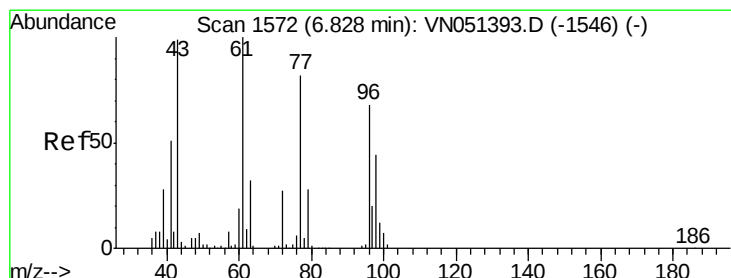
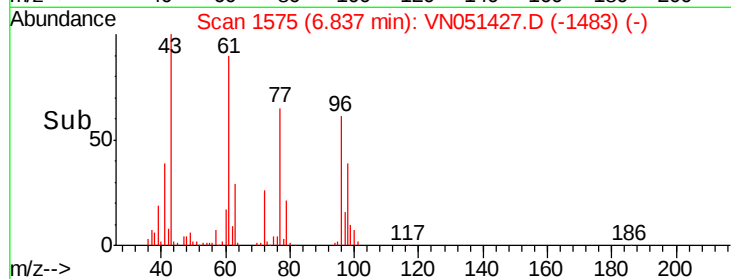
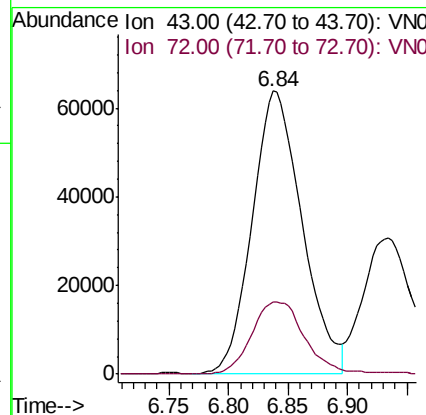
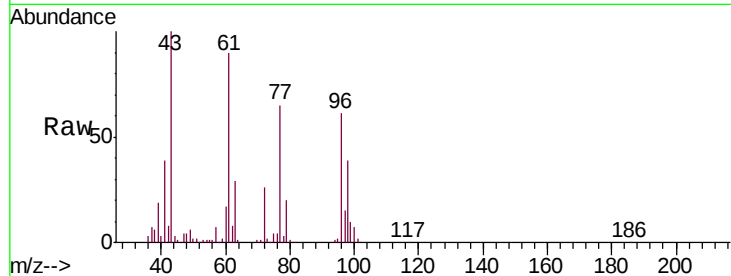
72 25.6 21.8 32.6

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#26

2,2-Dichloropropane

Concen: 17.273 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN051427.D

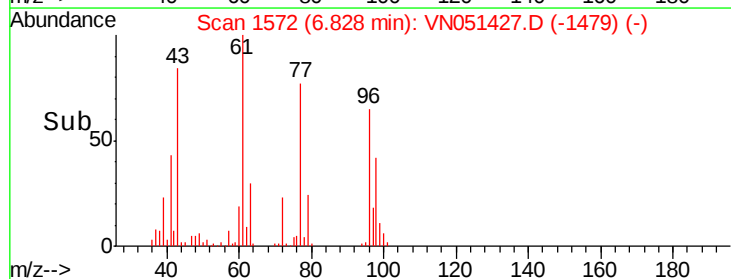
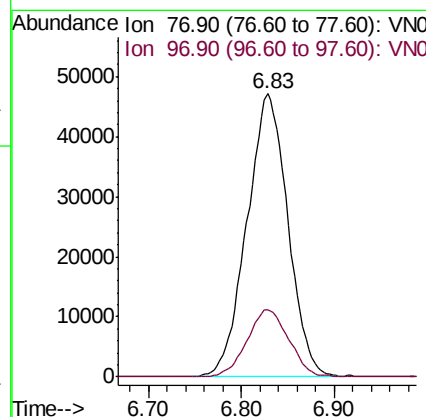
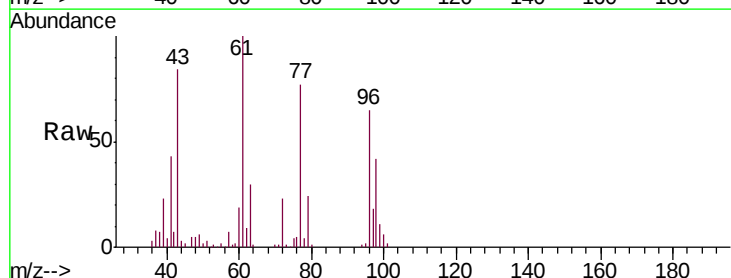
Acq: 23 Sep 2018 21:44

Tgt Ion: 77 Resp: 144573

Ion Ratio Lower Upper

77 100

97 24.1 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 19.184 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN051427.D

Acq: 23 Sep 2018 21:44

Instrument :

MSVOA_N

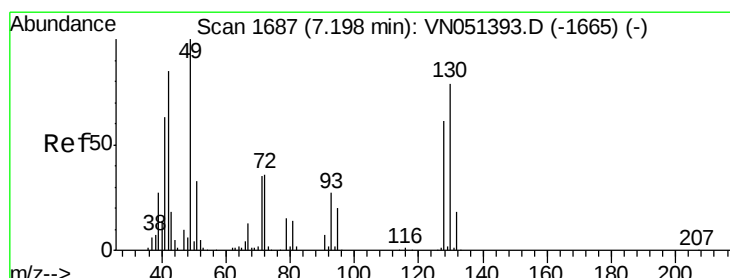
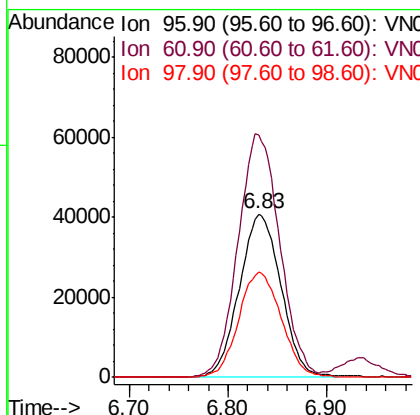
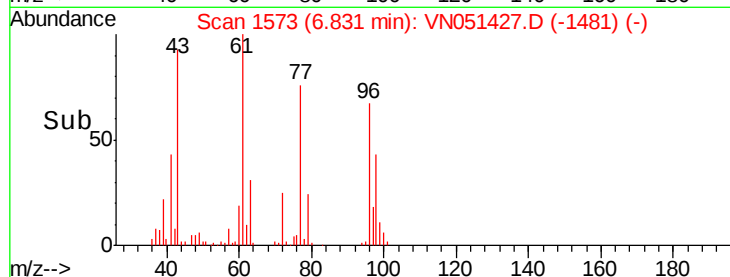
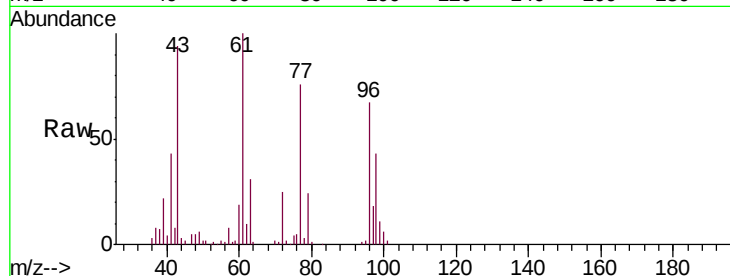
ClientSampleId :

VN0923WBS02

Tgt Ion:	96	Resp:	119320
Ion Ratio	Lower	Upper	
96	100		
61	149.3	0.0	291.4
98	65.9	0.0	128.4

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#28

Bromochloromethane

Concen: 20.316 ug/l

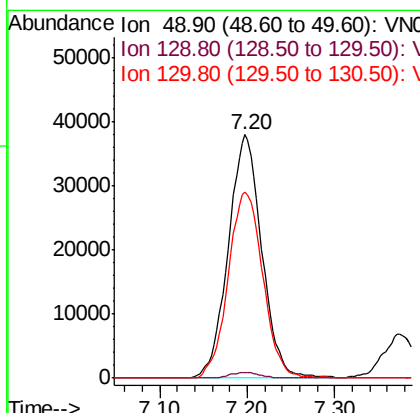
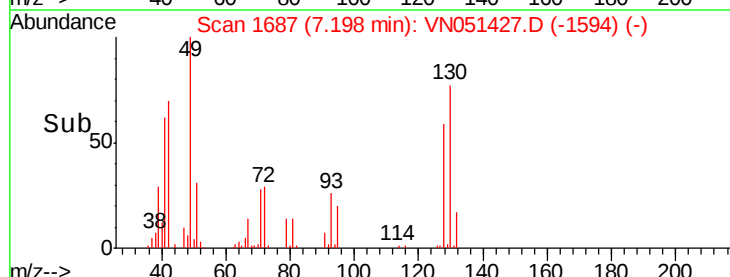
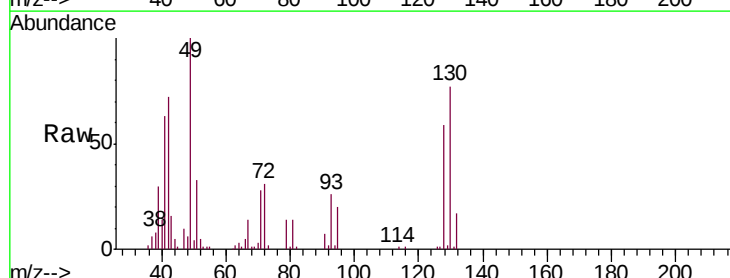
RT: 7.20 min Scan# 1687

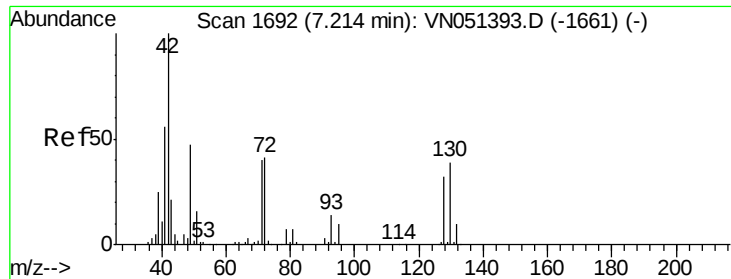
Delta R.T. -0.00 min

Lab File: VN051427.D

Acq: 23 Sep 2018 21:44

Tgt Ion:	49	Resp:	100595
Ion Ratio	Lower	Upper	
49	100		
129	1.9	0.0	3.8
130	79.0	63.0	94.4





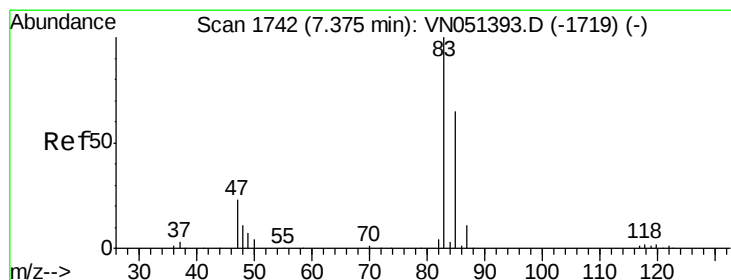
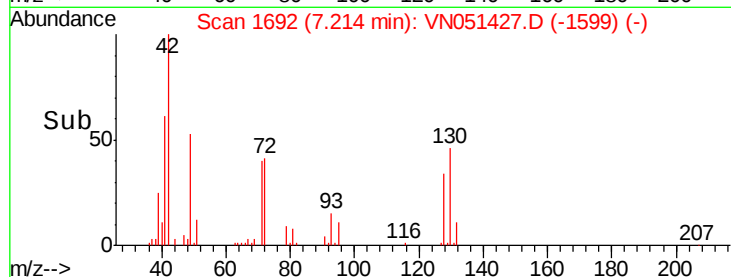
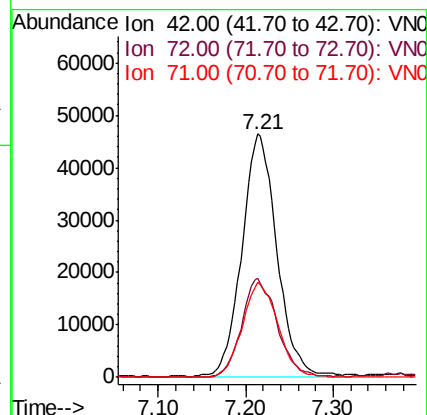
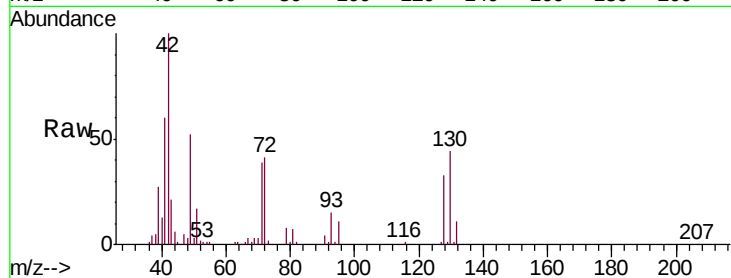
#29
Tetrahydrofuran
Concen: 96.052 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VN051427.D
Acq: 23 Sep 2018 21:44

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS02

Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.0	34.3	51.5
71	39.6	32.2	48.4

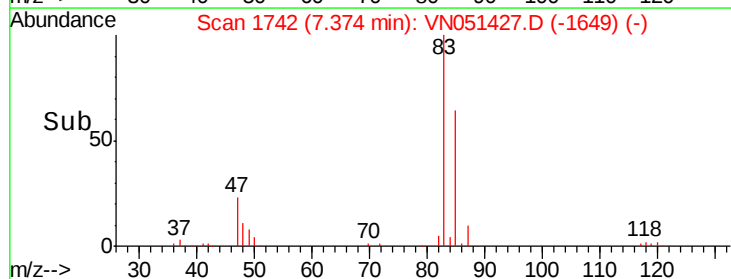
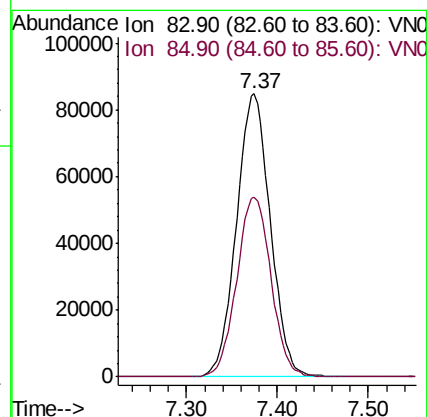
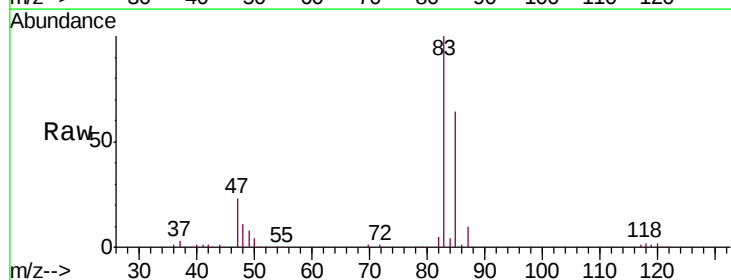
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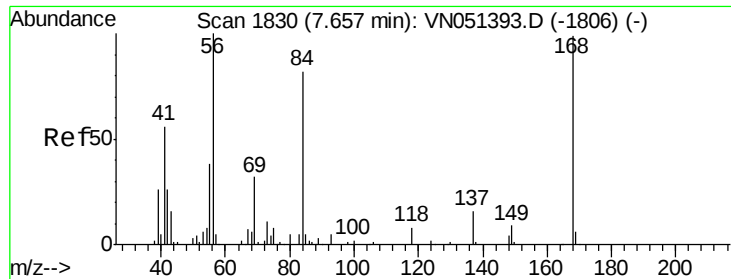
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#30
Chloroform
Concen: 20.611 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN051427.D
Acq: 23 Sep 2018 21:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.8	77.6





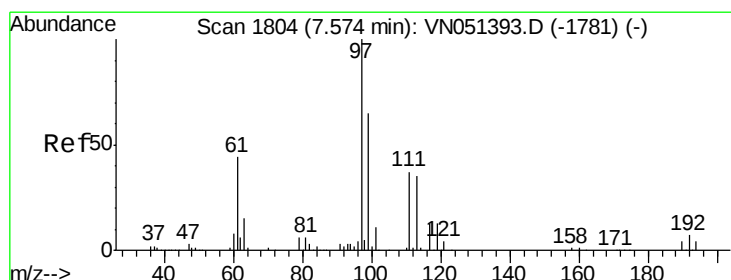
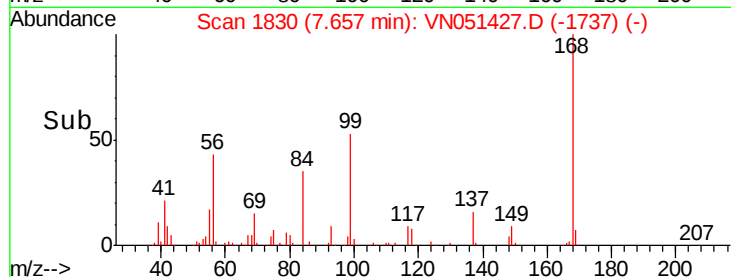
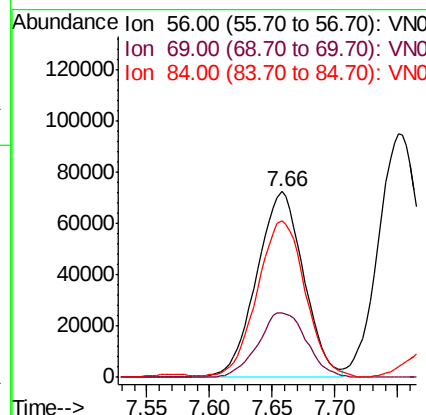
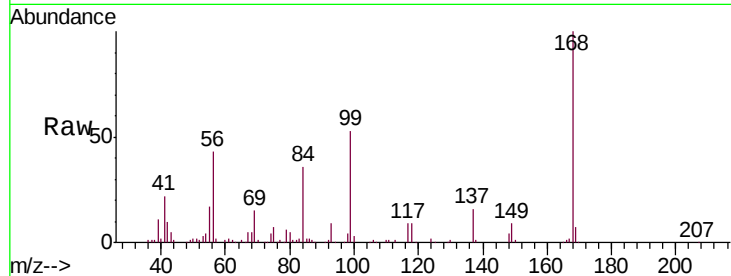
#31
Cyclohexane
Concen: 19.204 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. -0.00 min
Lab File: VN051427.D
Acq: 23 Sep 2018 21:44

Instrument :
MSVOA_N
ClientSampled :
VN0923WBS02

Tgt Ion	Ratio	Lower	Upper
56	100		
69	34.7	25.8	38.6
84	83.1	66.0	99.0

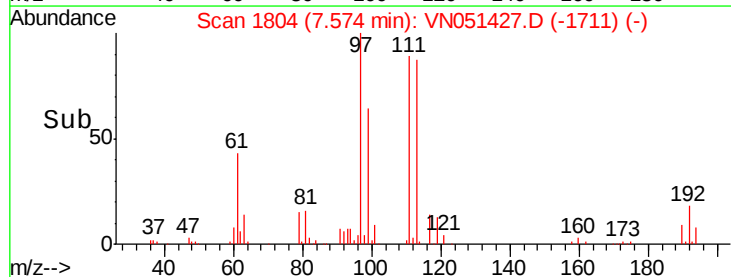
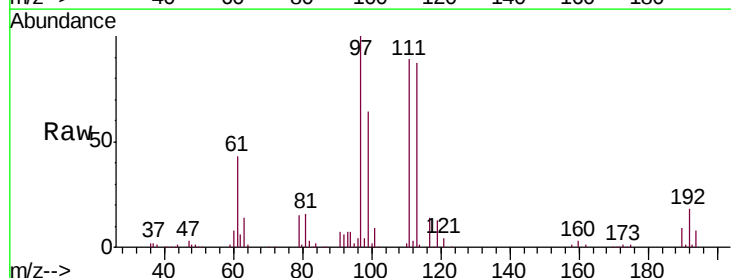
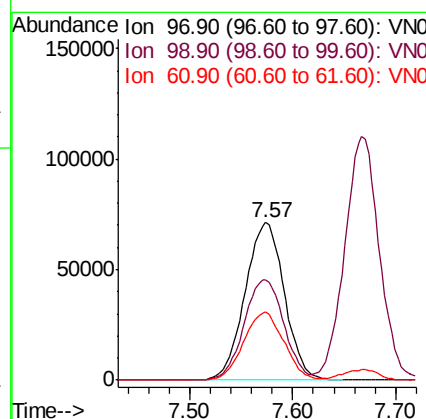
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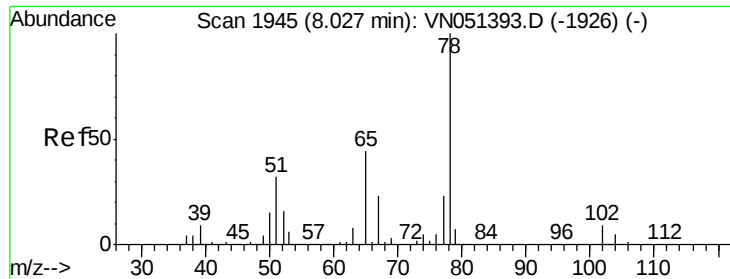
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#32
1,1,1-Trichloroethane
Concen: 20.773 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN051427.D
Acq: 23 Sep 2018 21:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.4	77.0
61	44.2	35.8	53.8





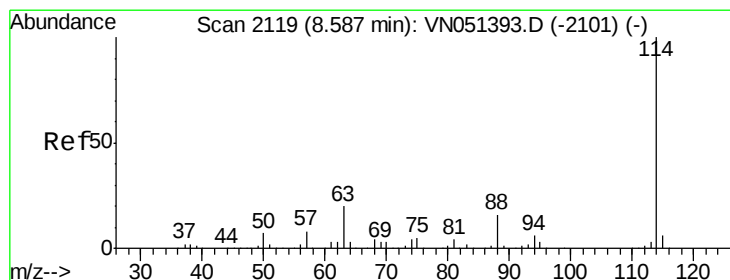
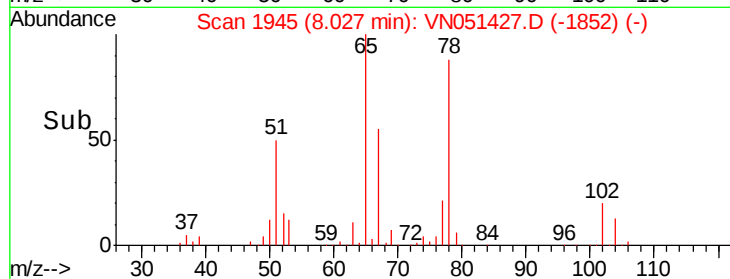
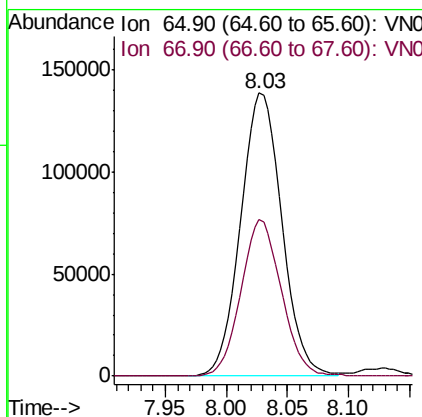
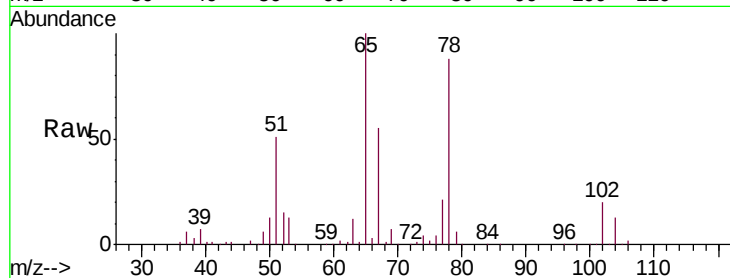
#33
 1,2-Dichloroethane-d4
 Concen: 51.970 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN051427.D
 Acq: 23 Sep 2018 21:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	324224		
67	53.9	0.0	107.8	

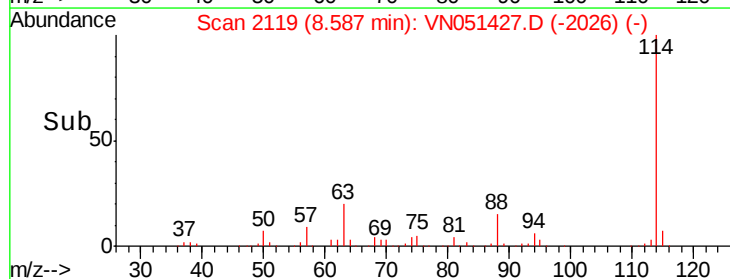
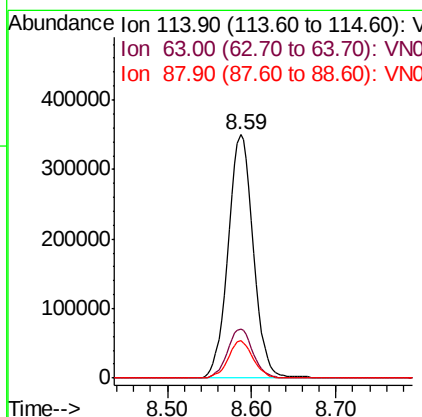
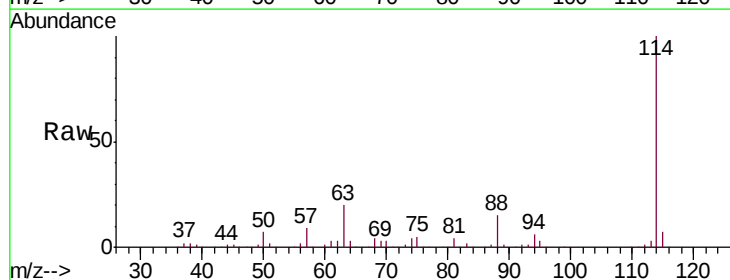
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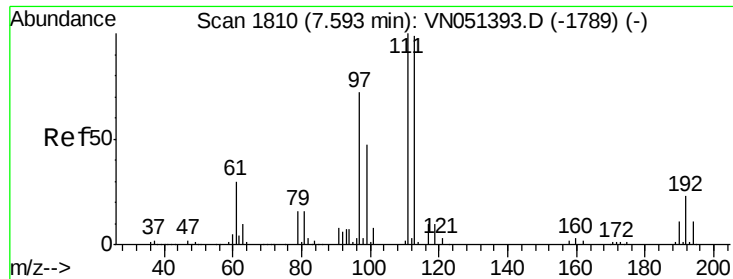
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051427.D
 Acq: 23 Sep 2018 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	725838		
63	20.3	0.0	40.2	
88	15.2	0.0	31.4	





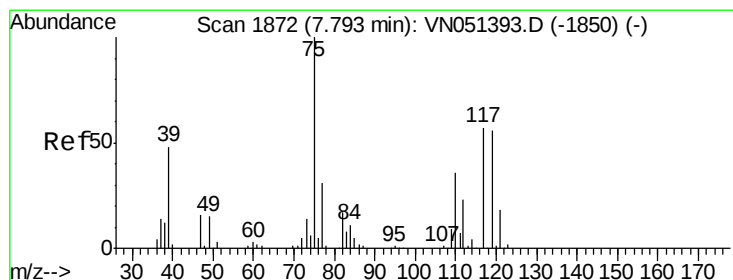
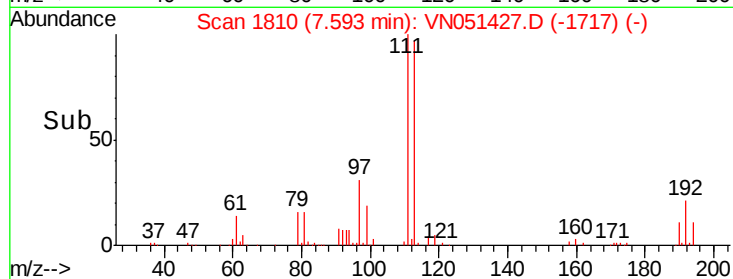
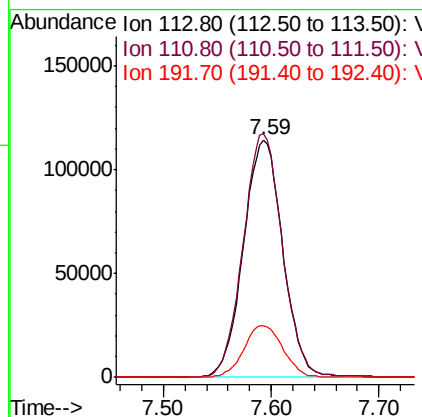
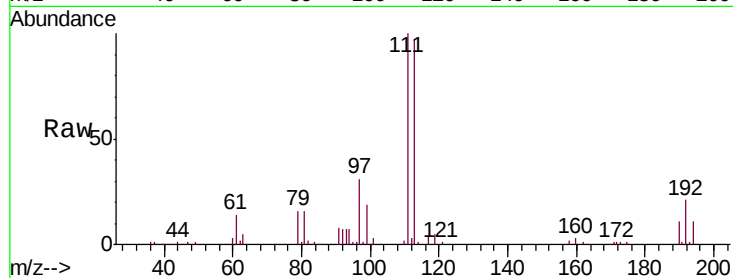
#35
Dibromofluoromethane
Concen: 49.890 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN051427.D
Acq: 23 Sep 2018 21:44

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	289574		
111	102.5	82.6	123.8	
192	21.8	18.0	27.0	

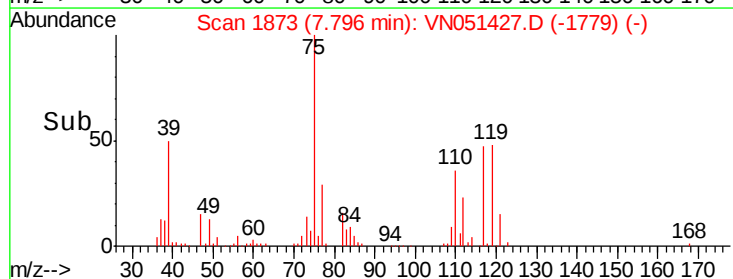
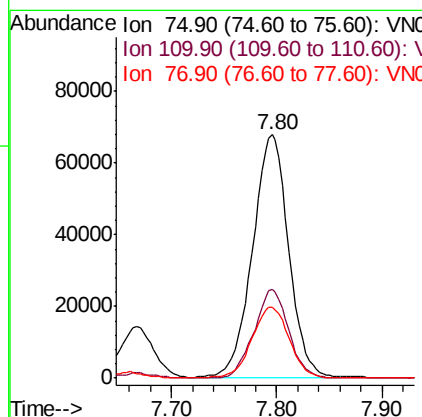
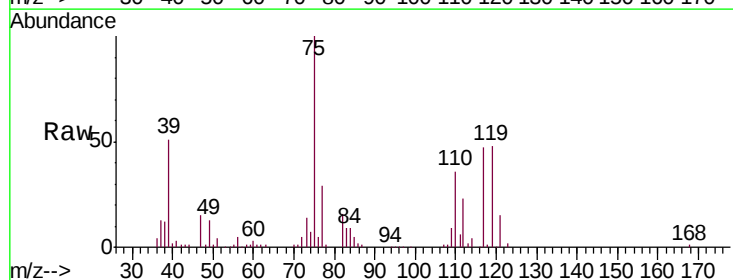
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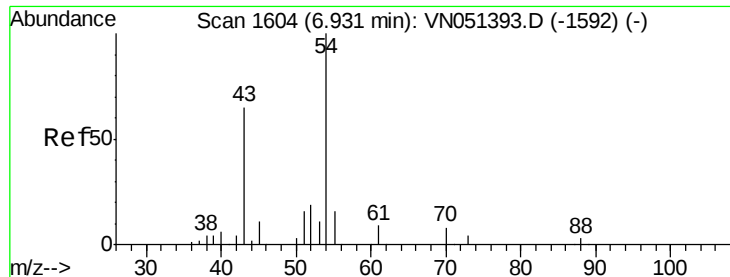
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#36
1,1-Dichloropropene
Concen: 19.132 ug/l
RT: 7.80 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN051427.D
Acq: 23 Sep 2018 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	160810		
110	35.1	18.1	54.3	
77	30.6	25.6	38.4	





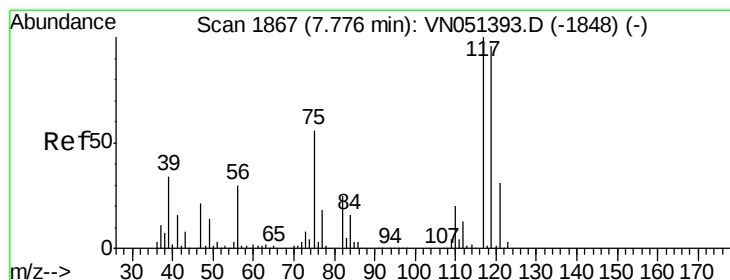
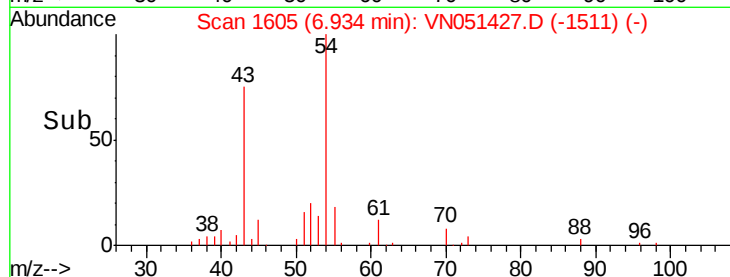
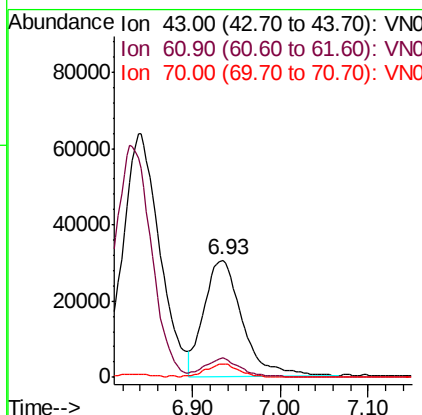
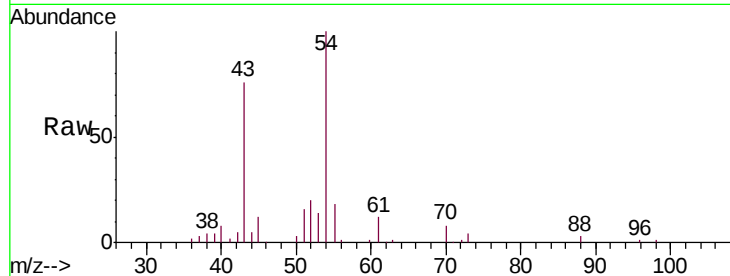
#37
Ethyl Acetate
Concen: 19.309 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN051427.D
Acq: 23 Sep 2018 21:44

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.5	17.3
70	9.9	7.9	11.9

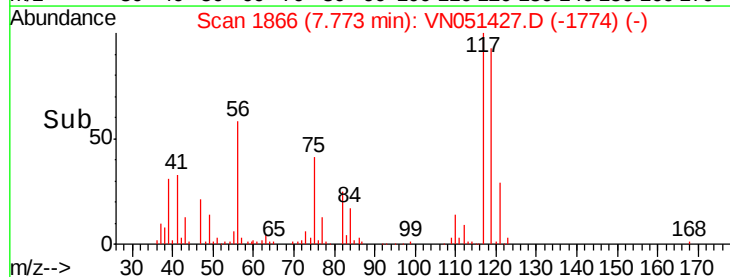
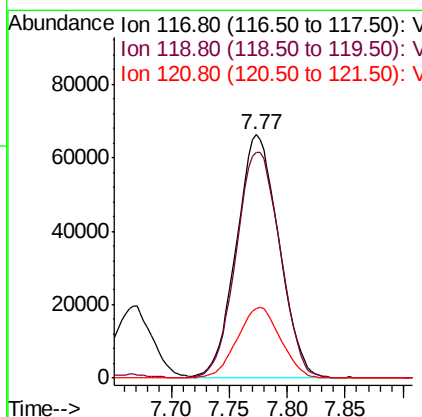
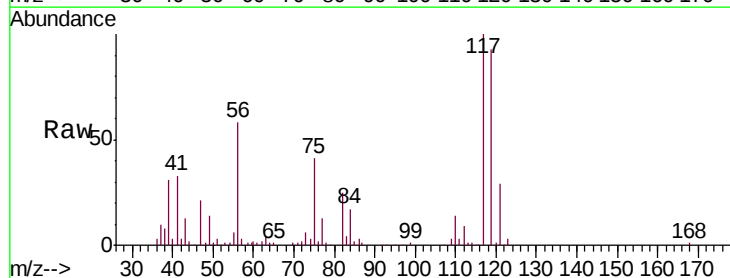
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#38
Carbon Tetrachloride
Concen: 19.203 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN051427.D
Acq: 23 Sep 2018 21:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.1	76.9	115.3
121	28.6	24.6	37.0





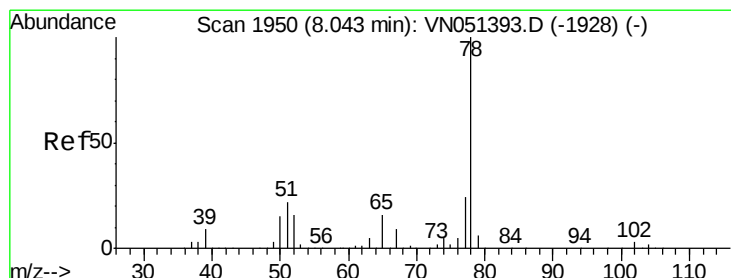
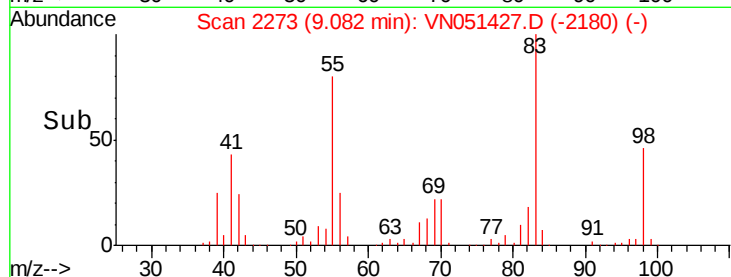
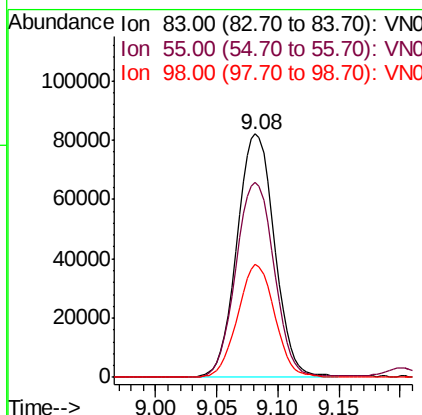
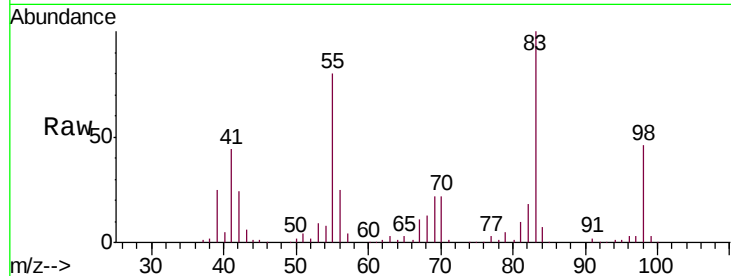
#39
Methylcyclohexane
Concen: 17.817 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN051427.D
Acq: 23 Sep 2018 21:44

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS02

Tgt Ion	Ratio	Lower	Upper
83	100		
55	80.0	61.0	91.4
98	46.3	35.6	53.4

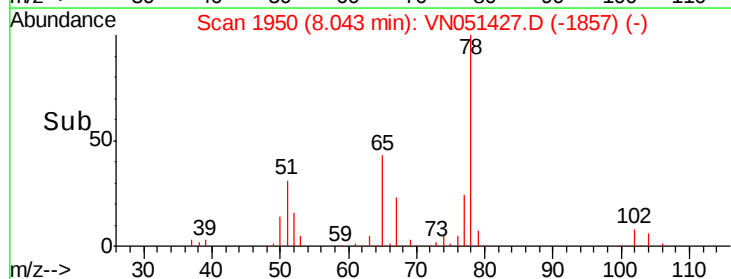
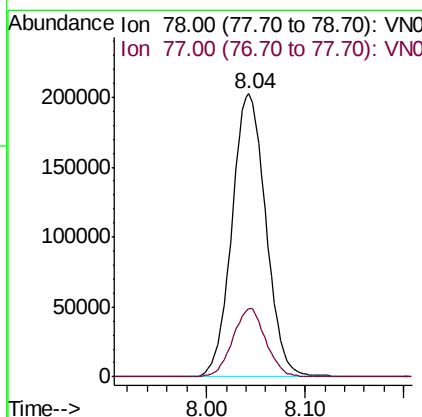
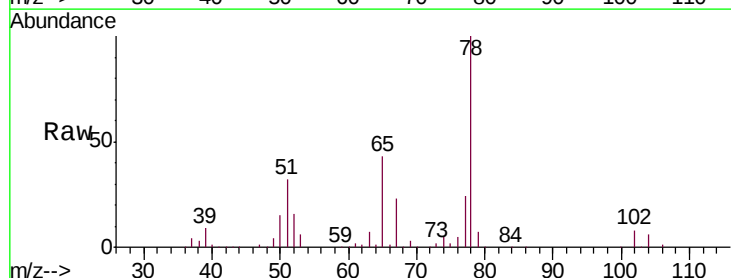
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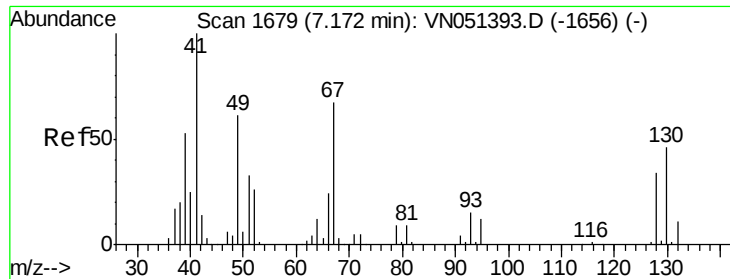
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#40
Benzene
Concen: 19.586 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN051427.D
Acq: 23 Sep 2018 21:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.2	28.8





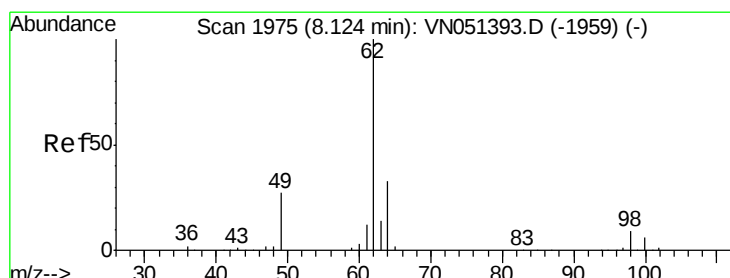
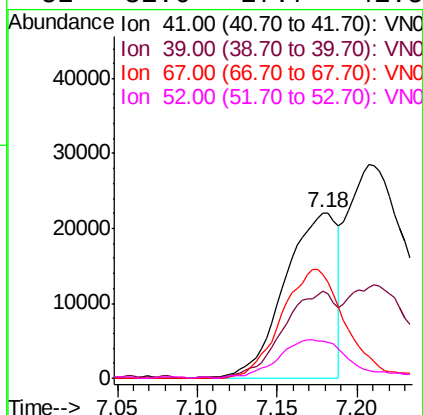
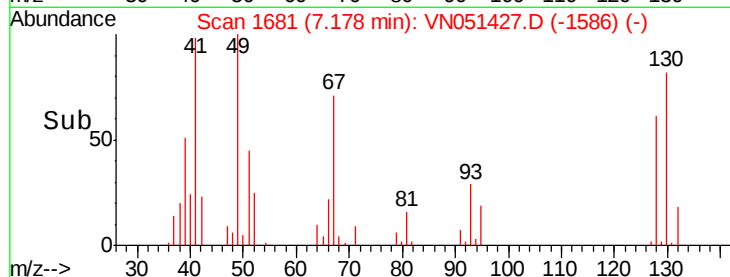
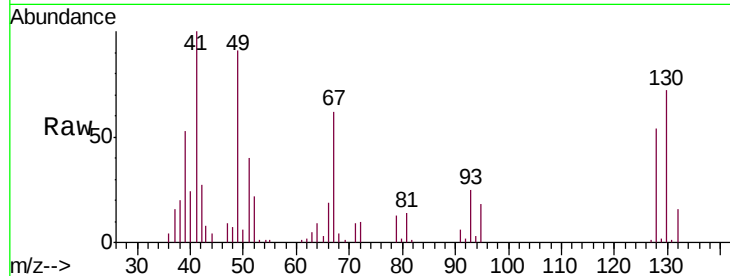
#41
Methacrylonitrile
Concen: 18.899 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VN051427.D
Acq: 23 Sep 2018 21:44

Instrument :
MSVOA_N
ClientSampled :
VN0923WBS02

Tgt Ion:	41	Resp:	50531
Ion Ratio	Lower	Upper	
41	100		
39	52.7	51.4	77.2
67	79.9	66.8	100.2
52	31.6	27.7	41.5

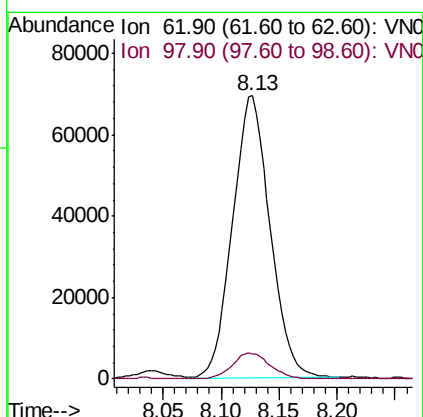
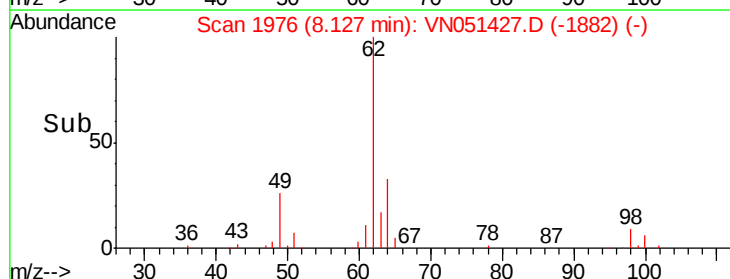
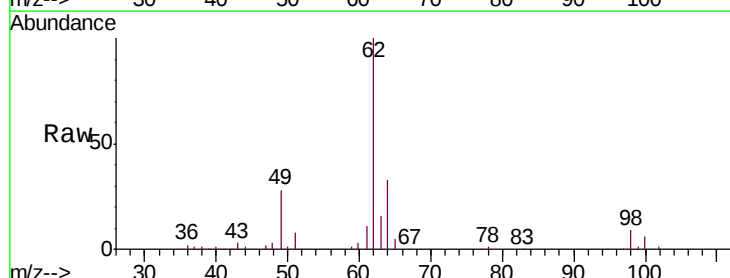
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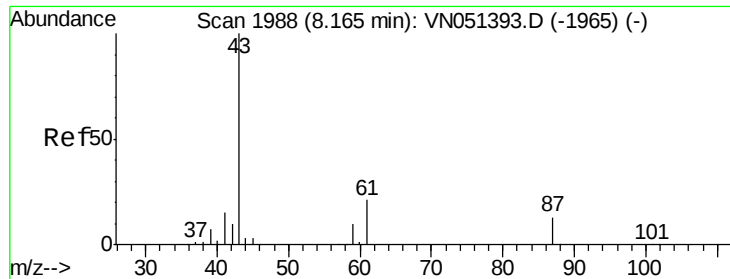
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#42
1,2-Dichloroethane
Concen: 19.647 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN051427.D
Acq: 23 Sep 2018 21:44

Tgt Ion:	62	Resp:	155261
Ion Ratio	Lower	Upper	
62	100		
98	9.2	0.0	18.6





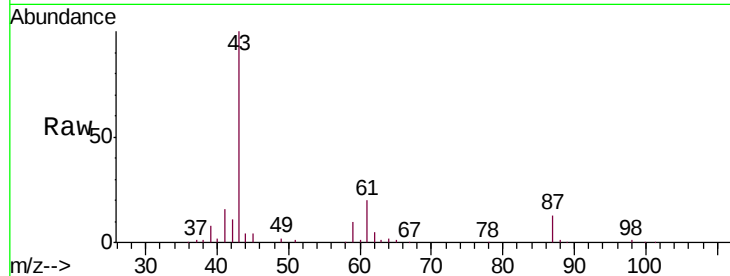
#43
Isopropyl Acetate
Concen: 19.805 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VN051427.D
Acq: 23 Sep 2018 21:44

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS02

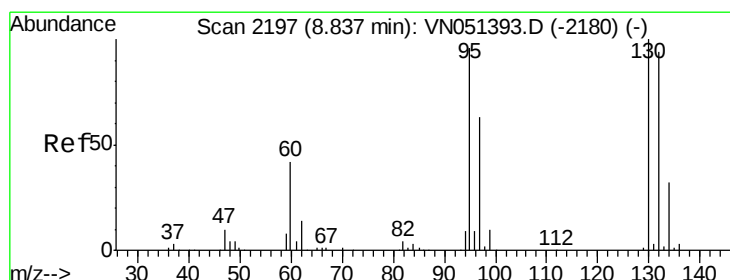
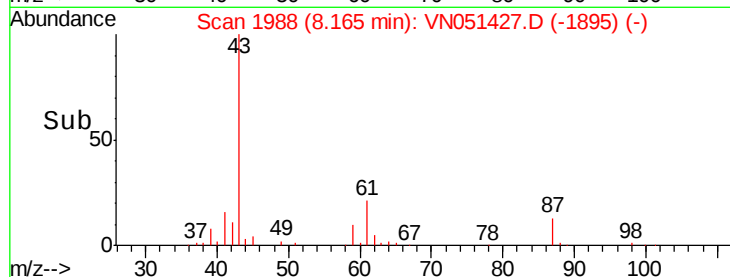
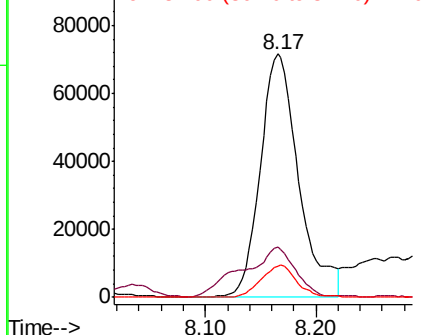
Tgt Ion	Ratio	Lower	Upper
43	100		
61	28.5	16.8	25.2#
87	12.5	10.7	16.1

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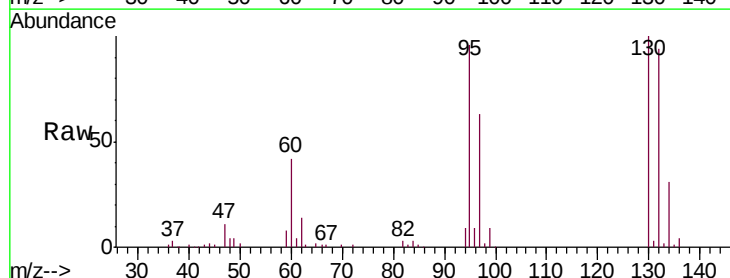


Abundance Ion 43.00 (42.70 to 43.70): VN051393.D (-1965) (-)

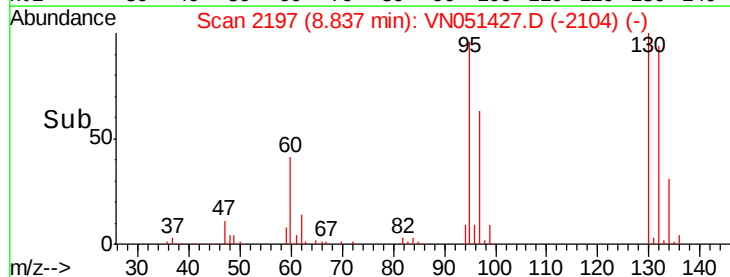
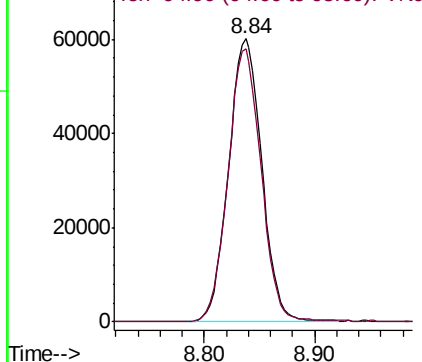


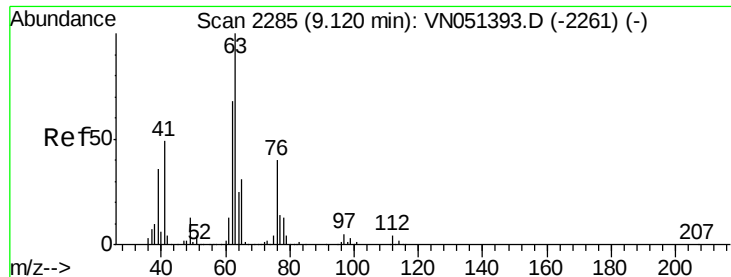
#44
Trichloroethene
Concen: 19.160 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. -0.00 min
Lab File: VN051427.D
Acq: 23 Sep 2018 21:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.5	0.0	192.2



Abundance Ion 129.80 (129.50 to 130.50): VN051393.D (-2180) (-)





#45

1,2-Dichloropropane

Concen: 19.683 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. -0.00 min

Lab File: VN051427.D

Acq: 23 Sep 2018 21:44

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS02

Tgt Ion: 63 Resp: 132049

Ion Ratio Lower Upper

63 100

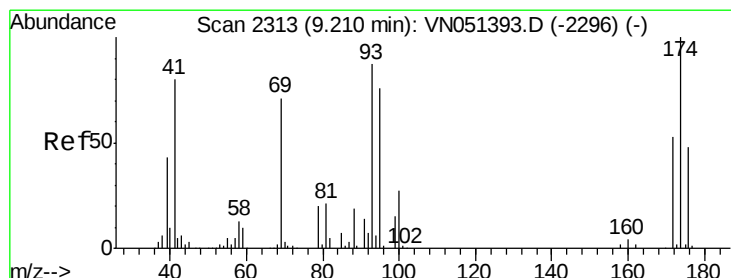
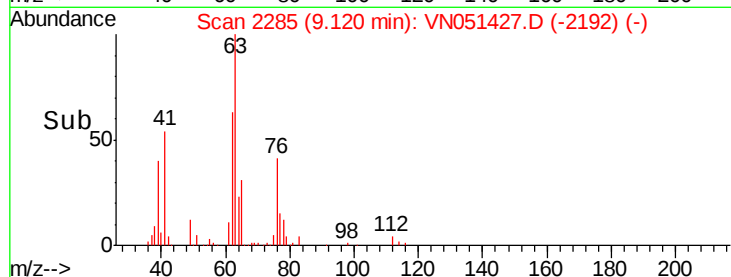
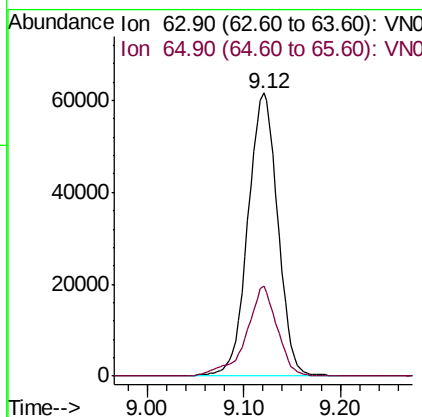
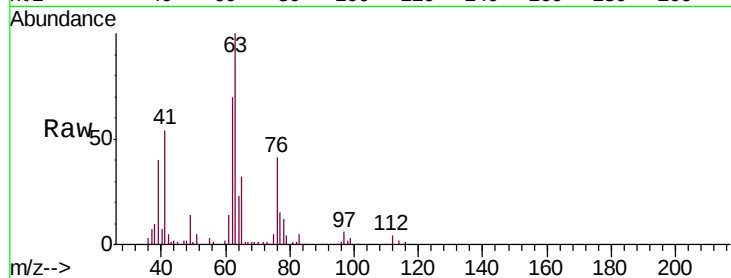
65 31.8 24.9 37.3

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#46

Dibromomethane

Concen: 19.329 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. -0.00 min

Lab File: VN051427.D

Acq: 23 Sep 2018 21:44

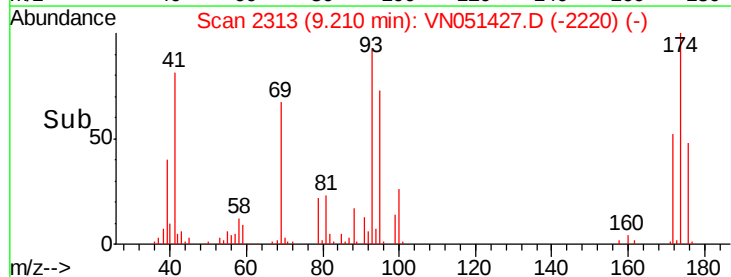
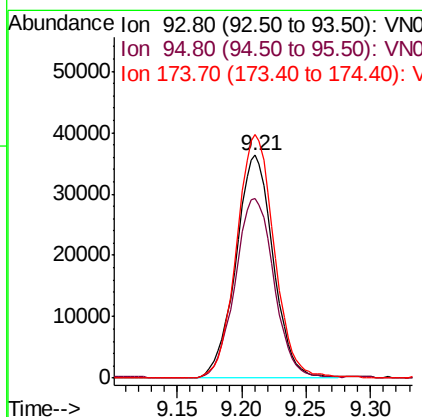
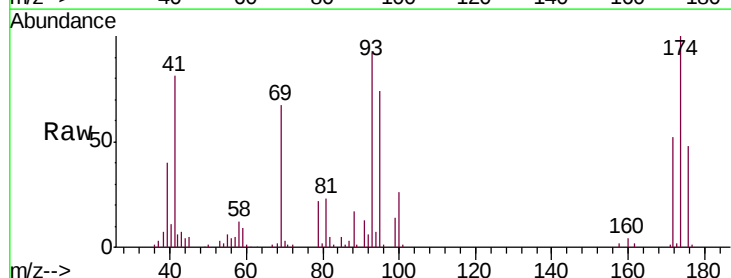
Tgt Ion: 93 Resp: 73268

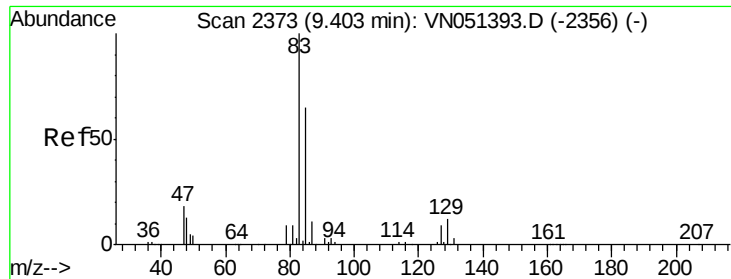
Ion Ratio Lower Upper

93 100

95 83.9 67.6 101.4

174 110.1 89.6 134.4





#47

Bromodichloromethane

Concen: 19.691 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN051427.D

Acq: 23 Sep 2018 21:44

Instrument :

MSVOA_N

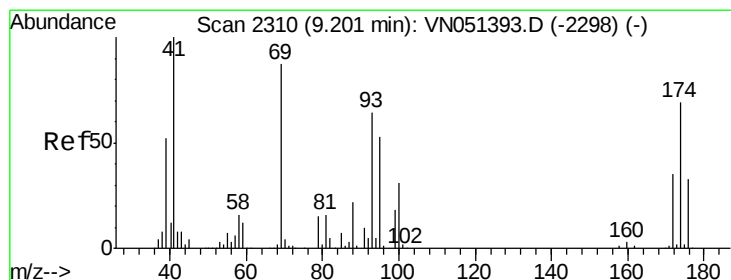
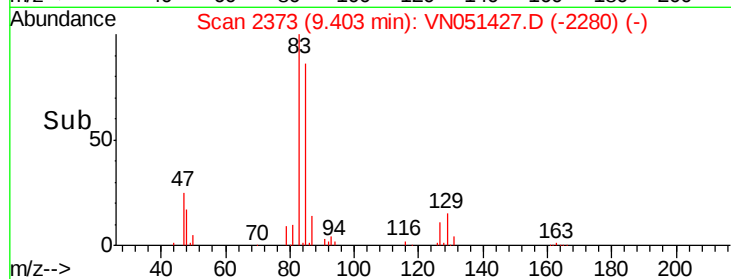
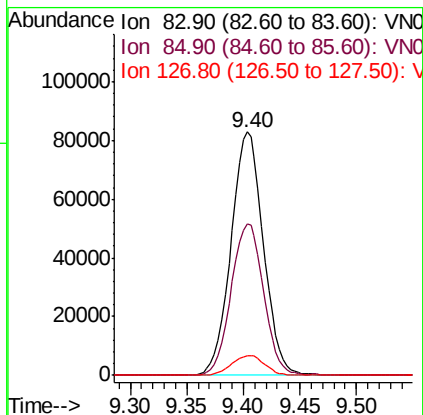
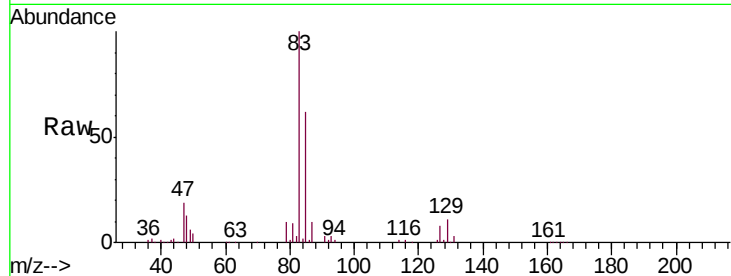
ClientSampleId :

VN0923WBS02

Tgt Ion:	83	Resp:	165176
Ion	Ratio	Lower	Upper
83	100		
85	62.2	51.8	77.6
127	8.1	7.4	11.2

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#48

Methyl methacrylate

Concen: 17.972 ug/l

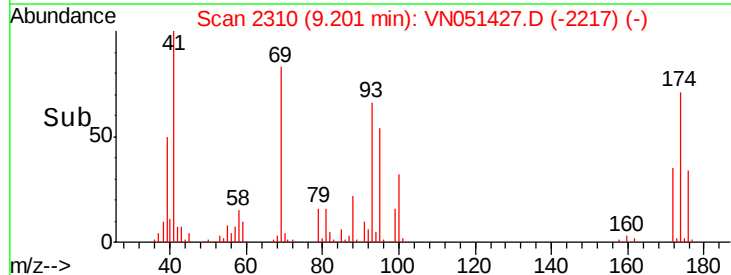
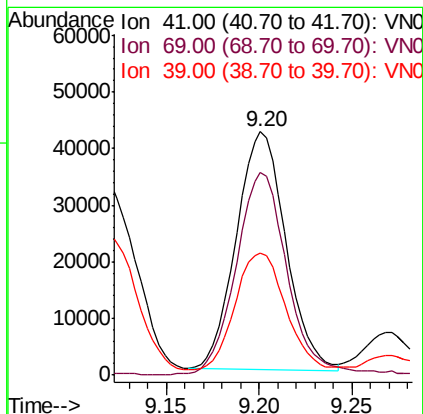
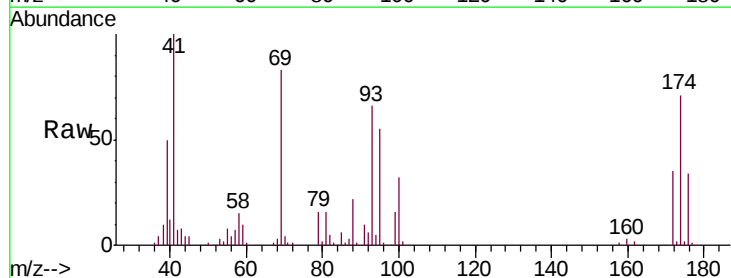
RT: 9.20 min Scan# 2310

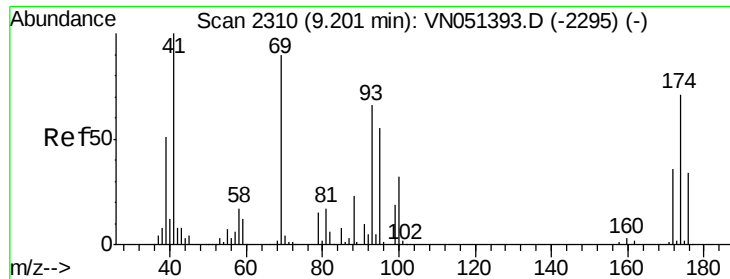
Delta R.T. -0.00 min

Lab File: VN051427.D

Acq: 23 Sep 2018 21:44

Tgt Ion:	41	Resp:	78301
Ion	Ratio	Lower	Upper
41	100		
69	88.4	70.4	105.6
39	54.9	43.8	65.8





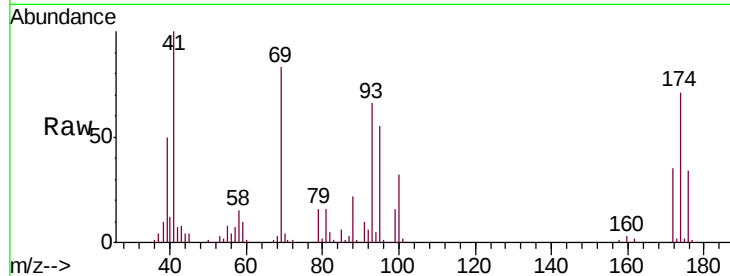
#49
1,4-Dioxane
Concen: 353.112 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN051427.D
Acq: 23 Sep 2018 21:44

Instrument :
MSVOA_N
ClientSampled :
VN0923WBS02

Tgt Ion	Ratio	Lower	Upper
88	100		
43	36.1	25.9	38.9
58	70.8	57.0	85.4

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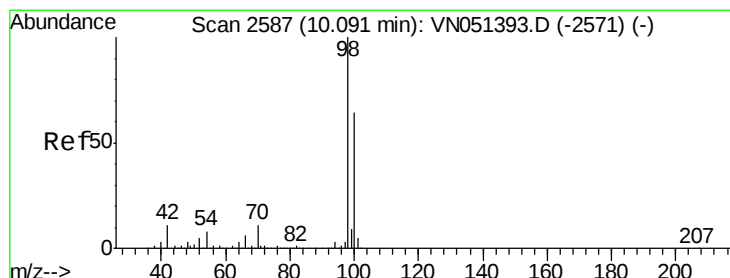
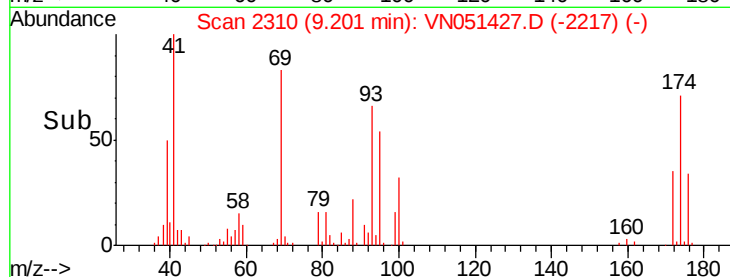
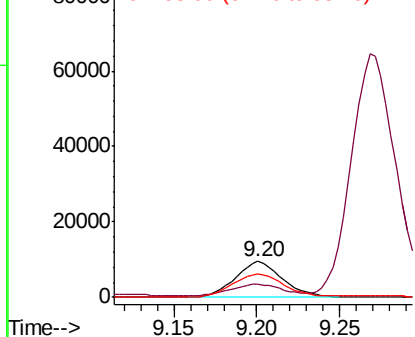


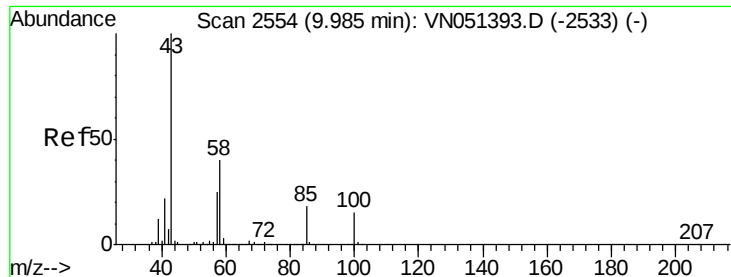
Abundance

Ion 88.00 (87.70 to 88.70): VN051393.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN051393.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN051393.D (-2295) (-)





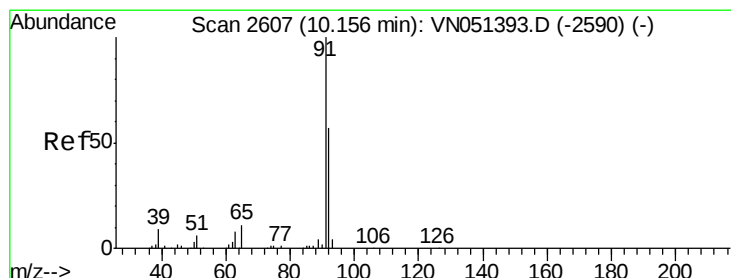
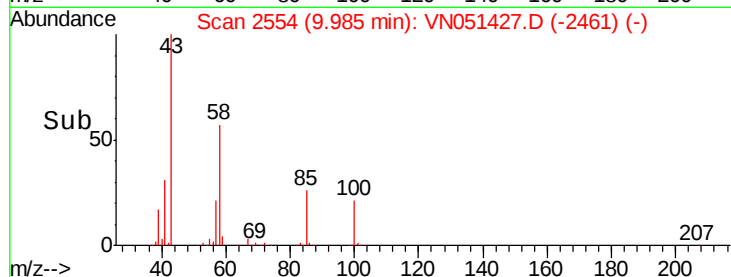
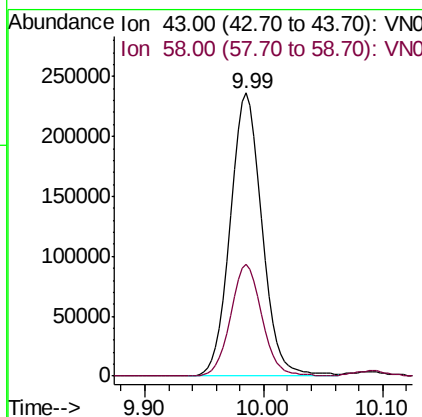
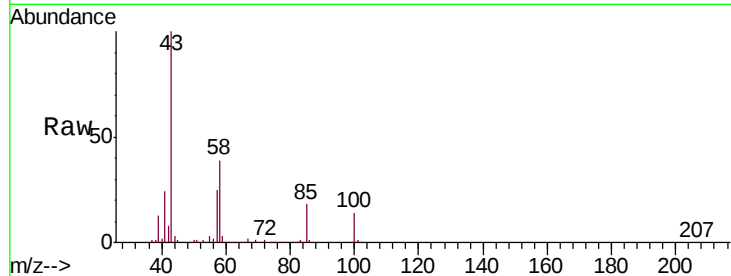
#51
 4-Methyl-2-Pentanone
 Concen: 90.546 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN051427.D
 Acq: 23 Sep 2018 21:44

Instrument :
 MSVOA_N
 ClientSampled :
 VN0923WBS02

Tgt Ion: 43 Resp: 435172
 Ion Ratio Lower Upper
 43 100
 58 39.1 31.5 47.3

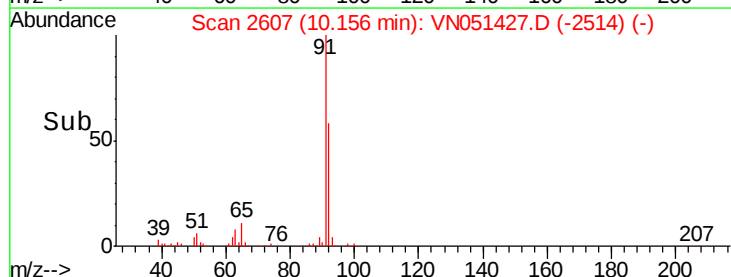
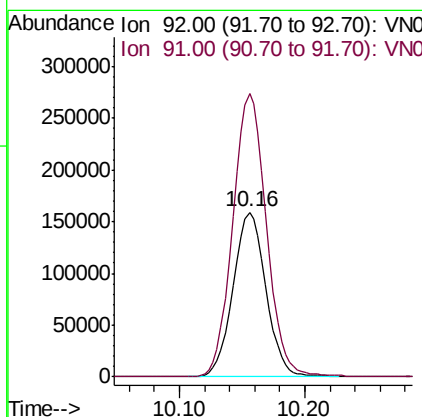
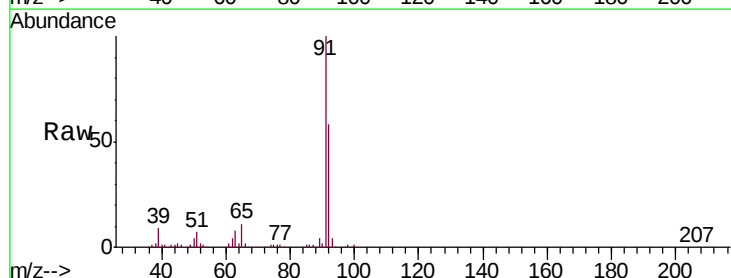
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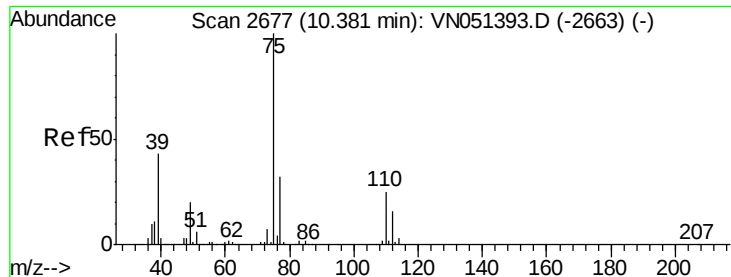
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#52
 Toluene
 Concen: 18.976 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN051427.D
 Acq: 23 Sep 2018 21:44

Tgt Ion: 92 Resp: 291050
 Ion Ratio Lower Upper
 92 100
 91 176.0 142.2 213.4





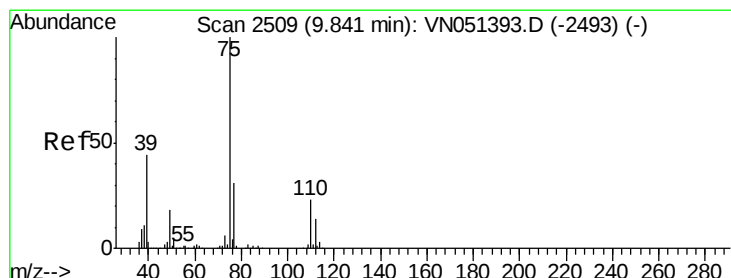
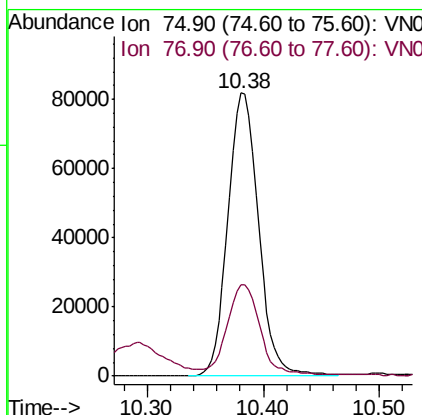
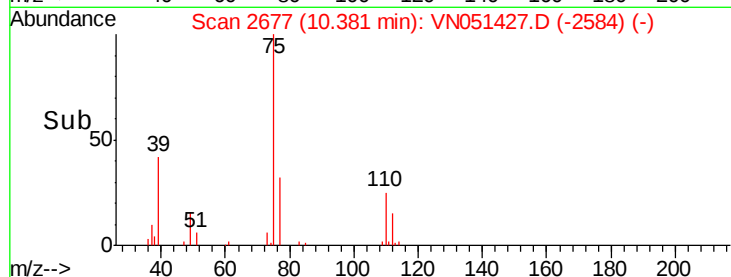
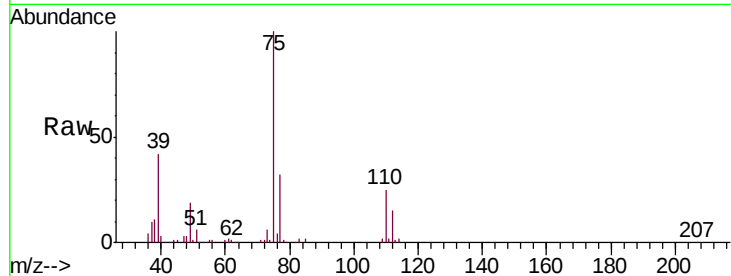
#53
 t-1,3-Dichloropropene
 Concen: 17.719 ug/l
 RT: 10.38 min Scan# 2677
 Delta R.T. -0.00 min
 Lab File: VN051427.D
 Acq: 23 Sep 2018 21:44

Instrument :
 MSVOA_N
 ClientSampled :
 VN0923WBS02

Tgt Ion: 75 Resp: 150058
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.8 38.8

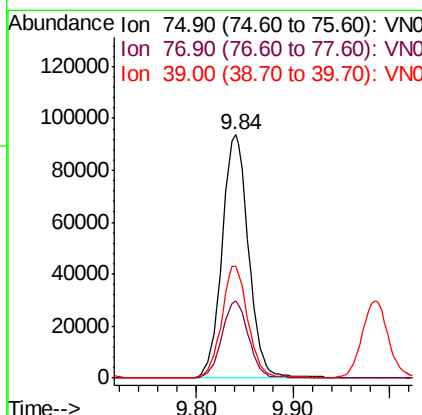
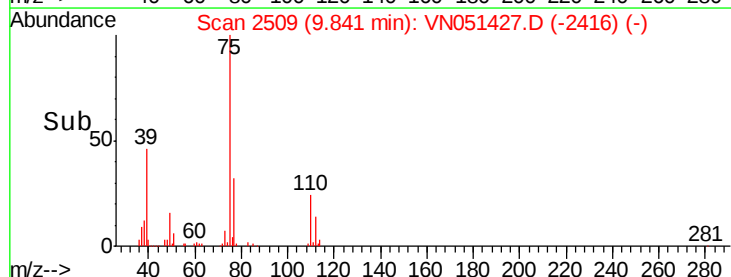
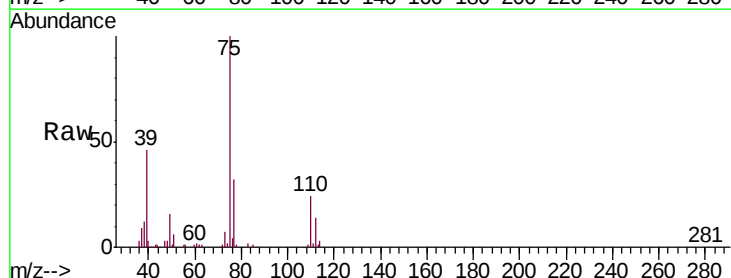
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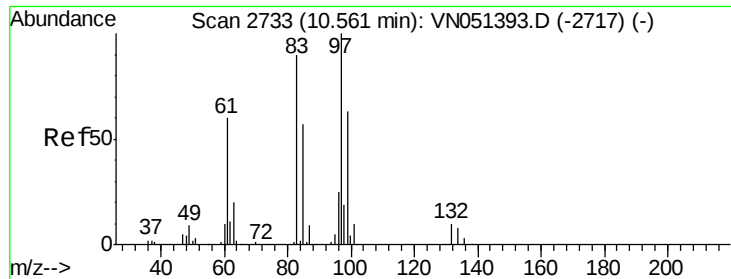
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#54
 cis-1,3-Dichloropropene
 Concen: 18.171 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN051427.D
 Acq: 23 Sep 2018 21:44

Tgt Ion: 75 Resp: 178460
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.2 37.8
 39 46.0 35.4 53.2





#55

1,1,2-Trichloroethane

Concen: 19.586 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN051427.D

Acq: 23 Sep 2018 21:44

Instrument :

MSVOA_N

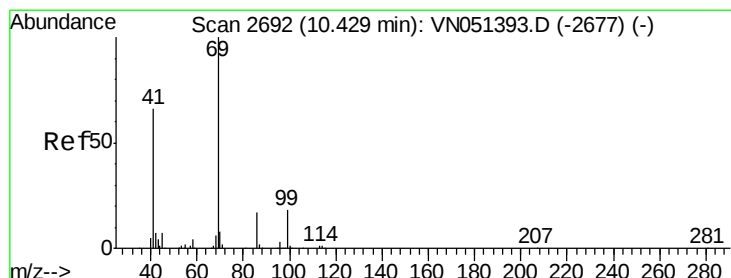
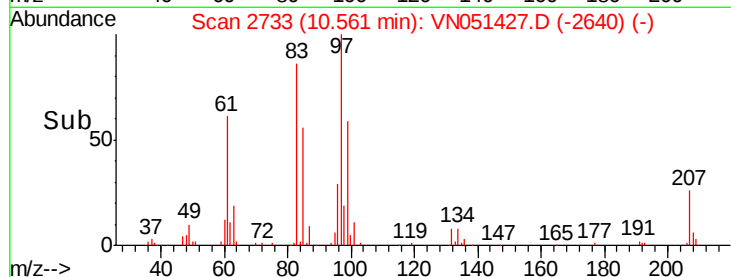
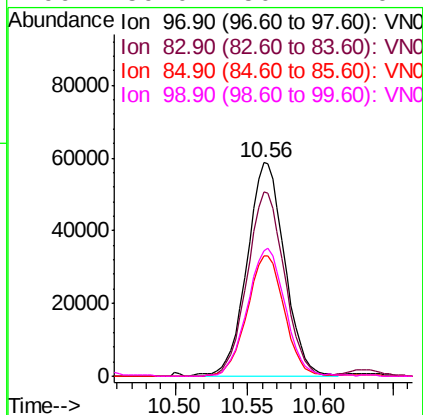
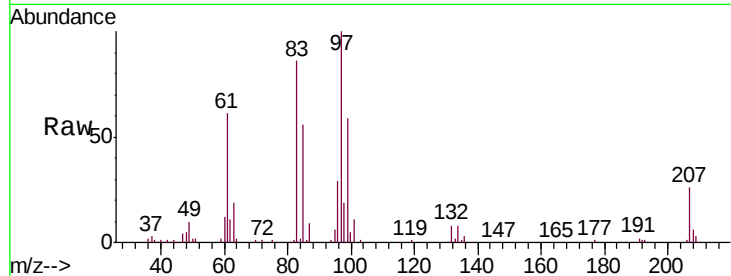
ClientSampleId :

VN0923WBS02

Tgt Ion:	97	Resp:	106167
Ion	Ratio	Lower	Upper
97	100		
83	86.3	72.0	108.0
85	56.3	45.2	67.8
99	59.0	50.7	76.1

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#56

Ethyl methacrylate

Concen: 17.732 ug/l

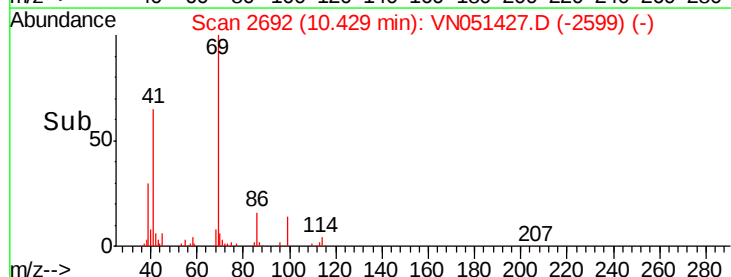
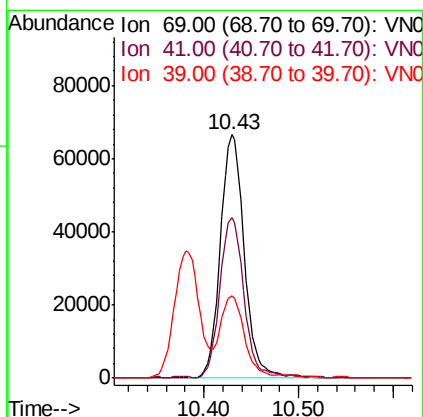
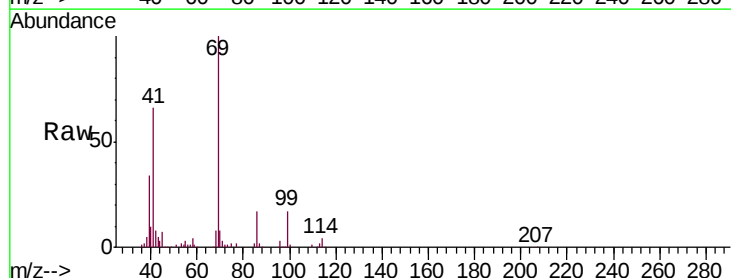
RT: 10.43 min Scan# 2692

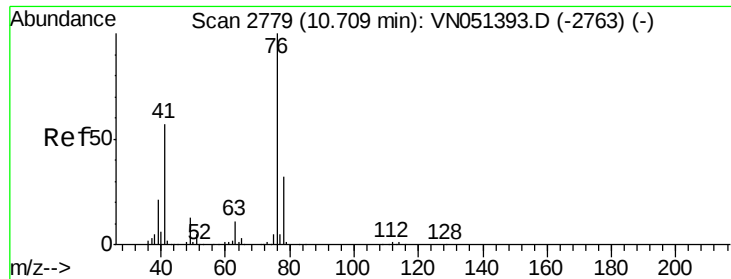
Delta R.T. -0.00 min

Lab File: VN051427.D

Acq: 23 Sep 2018 21:44

Tgt Ion:	69	Resp:	117516
Ion	Ratio	Lower	Upper
69	100		
41	65.5	52.4	78.6
39	32.9	26.3	39.5





#57

1,3-Dichloropropane

Concen: 18.908 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN051427.D

Acq: 23 Sep 2018 21:44

Instrument :

MSVOA_N

ClientSampled :

VN0923WBS02

Tgt Ion: 76 Resp: 175674

Ion Ratio Lower Upper

76 100

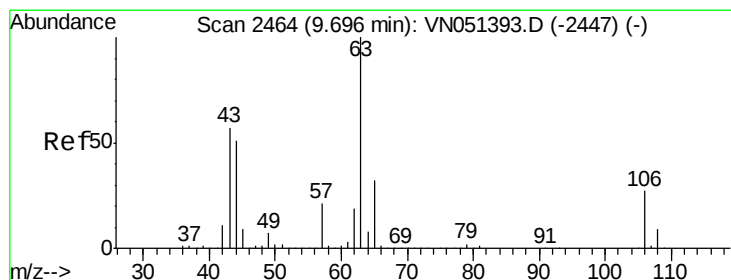
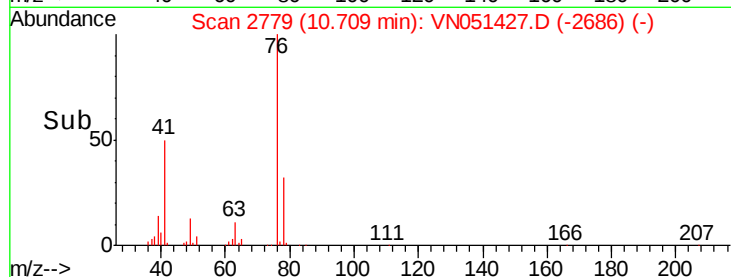
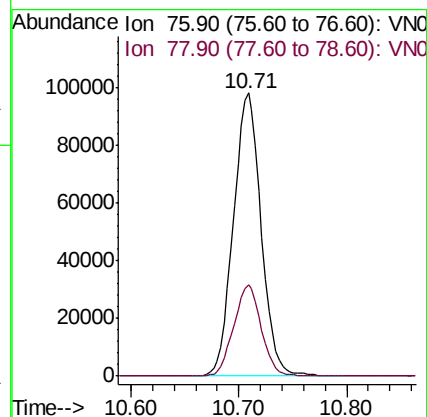
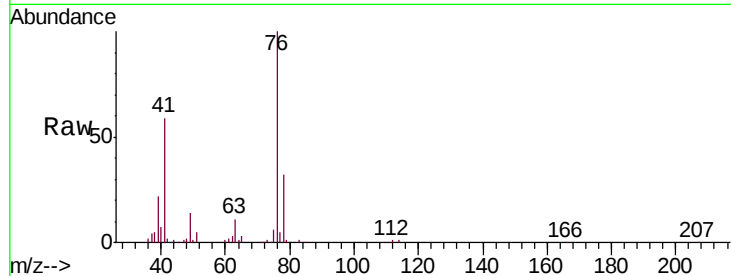
78 32.2 25.5 38.3

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#58

2-Chloroethyl Vinyl ether

Concen: 99.339 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN051427.D

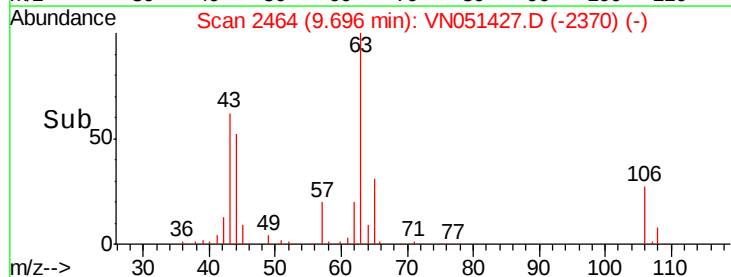
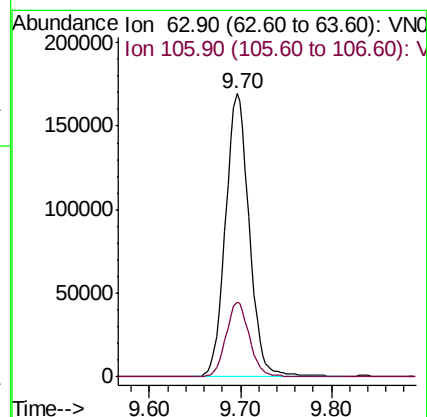
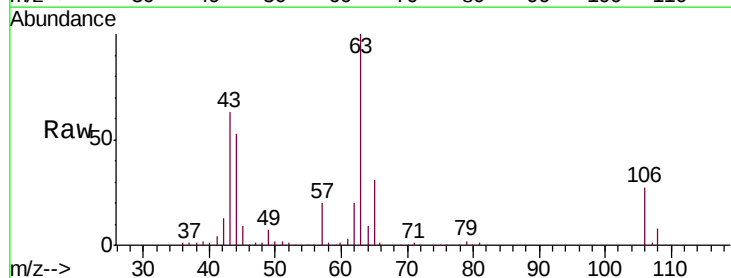
Acq: 23 Sep 2018 21:44

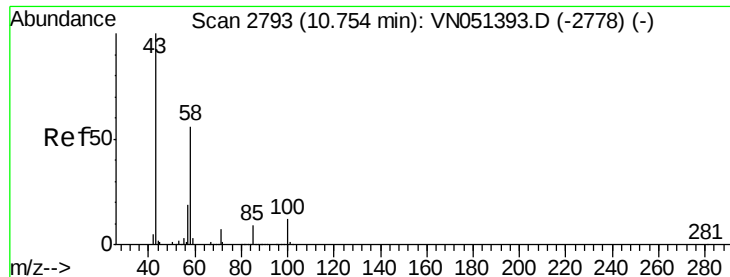
Tgt Ion: 63 Resp: 308354

Ion Ratio Lower Upper

63 100

106 26.0 21.4 32.2





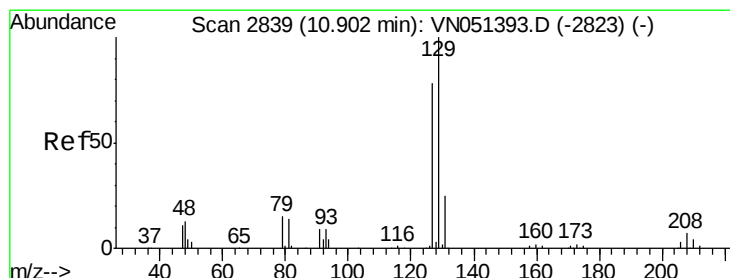
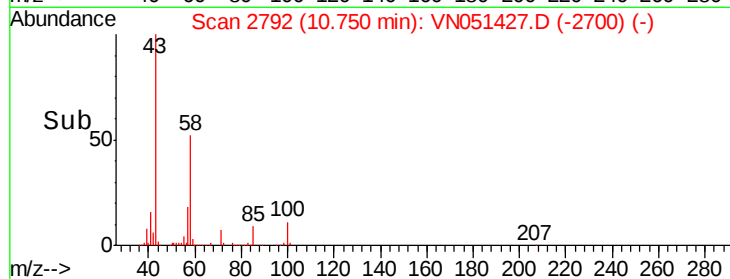
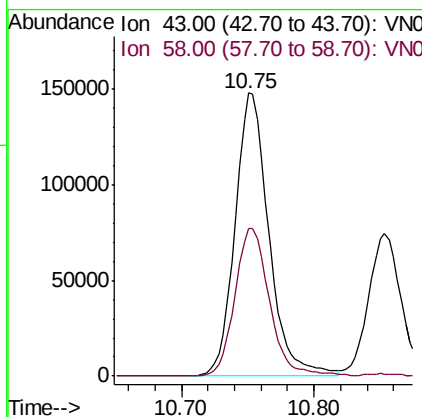
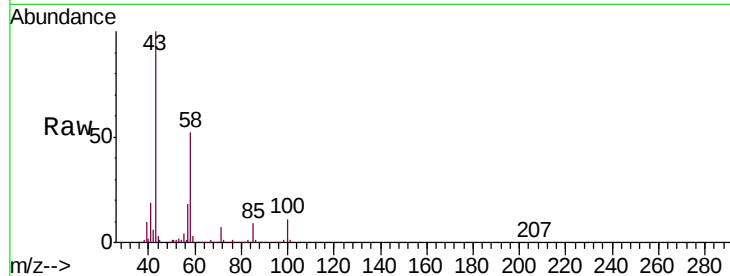
#59
2-Hexanone
Concen: 83.558 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN051427.D
Acq: 23 Sep 2018 21:44

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS02

Tgt Ion: 43 Resp: 260334
Ion Ratio Lower Upper
43 100
58 54.0 27.7 83.0

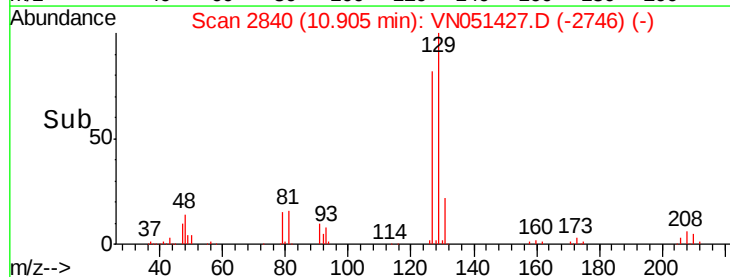
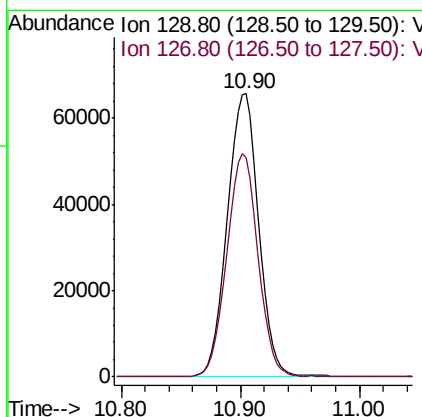
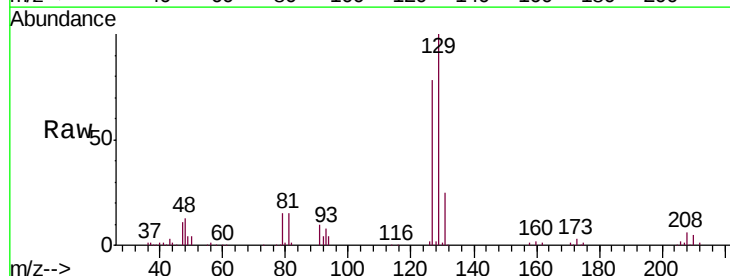
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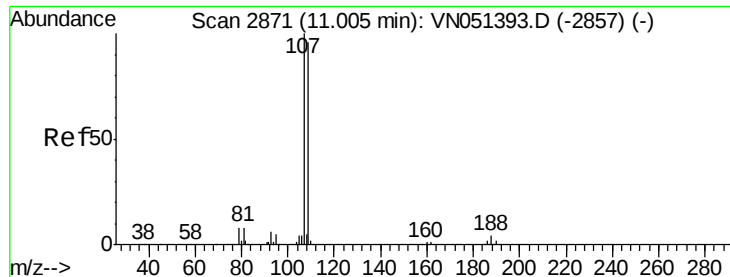
apatel
9/25/2018 11:52:15 AM



#60
Dibromochloromethane
Concen: 18.777 ug/l
RT: 10.90 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN051427.D
Acq: 23 Sep 2018 21:44

Tgt Ion: 129 Resp: 120092
Ion Ratio Lower Upper
129 100
127 78.4 38.6 116.0





#61

1,2-Dibromoethane

Concen: 18.736 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN051427.D

Acq: 23 Sep 2018 21:44

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS02

Tgt Ion: 107 Resp: 98592

Ion Ratio Lower Upper

107 100

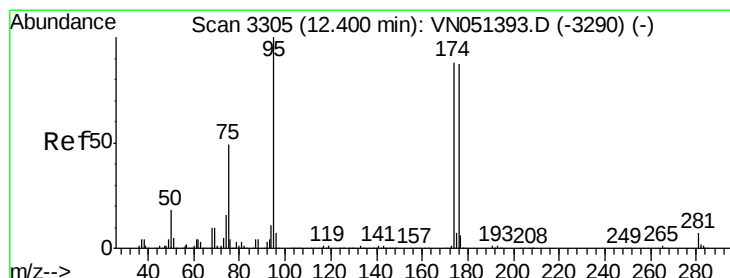
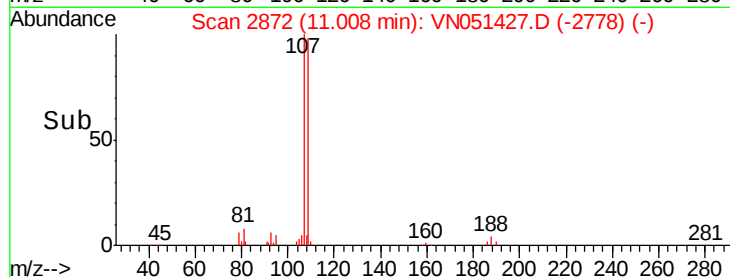
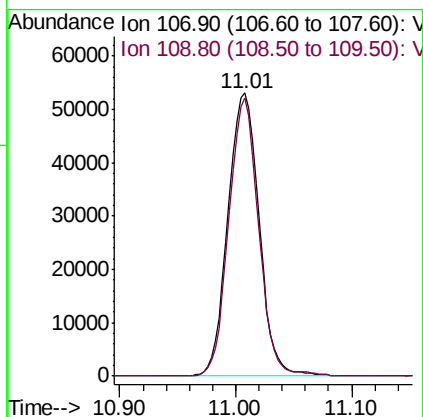
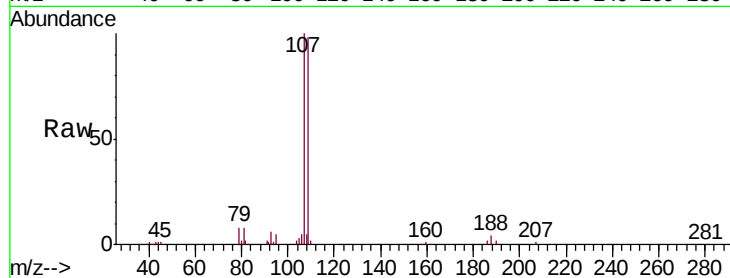
109 93.8 76.3 114.5

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#62

4-Bromofluorobenzene

Concen: 46.388 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN051427.D

Acq: 23 Sep 2018 21:44

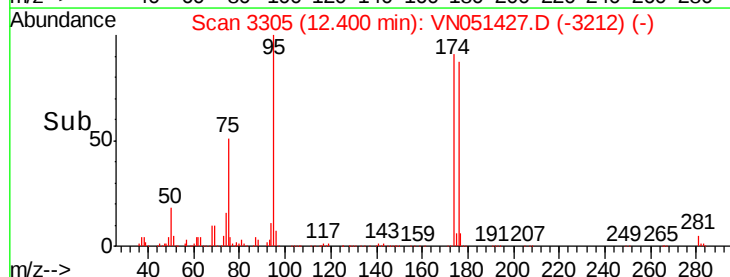
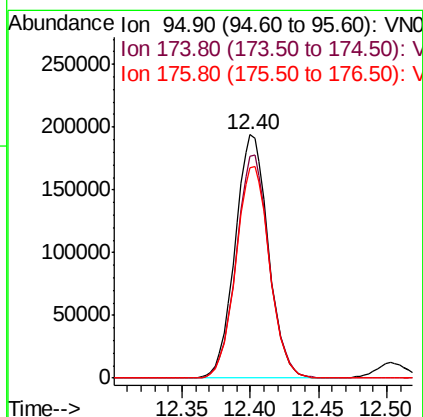
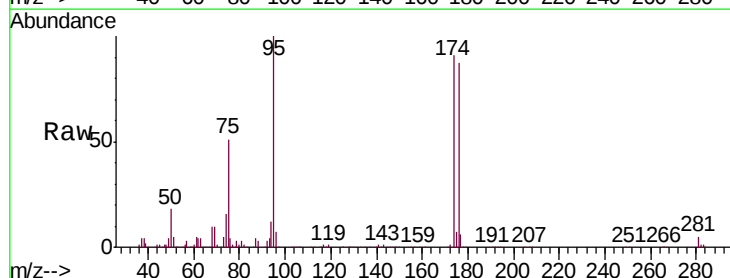
Tgt Ion: 95 Resp: 327989

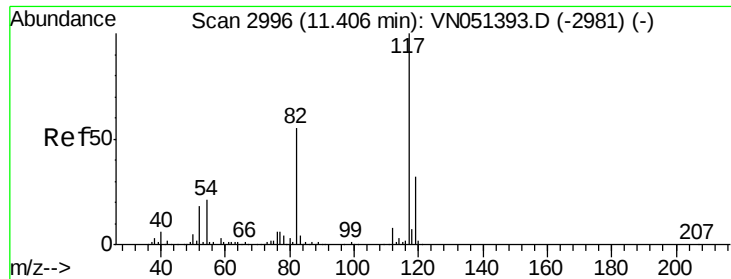
Ion Ratio Lower Upper

95 100

174 90.7 0.0 181.6

176 88.0 0.0 176.4





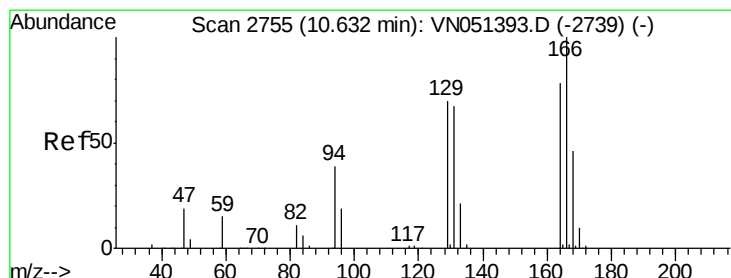
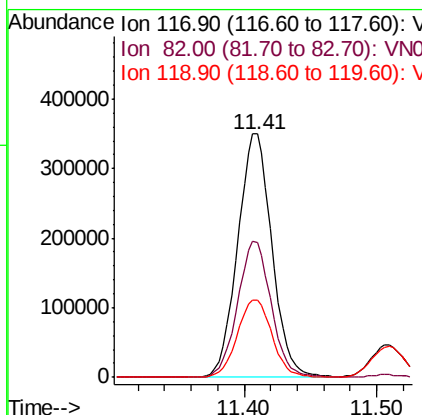
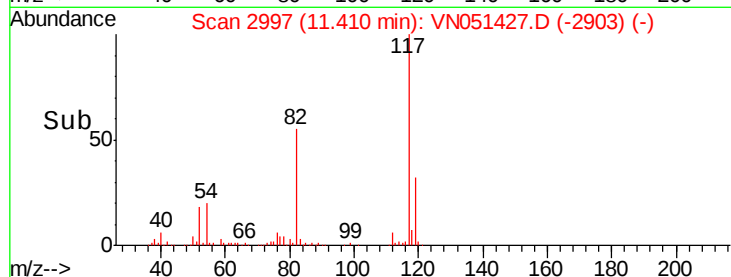
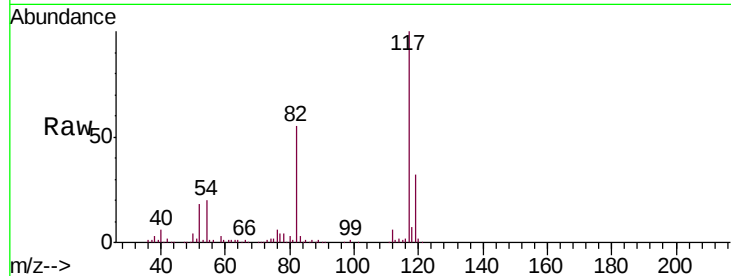
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051427.D
Acq: 23 Sep 2018 21:44

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	627954		
82	55.2	44.2	66.2	
119	31.8	25.9	38.9	

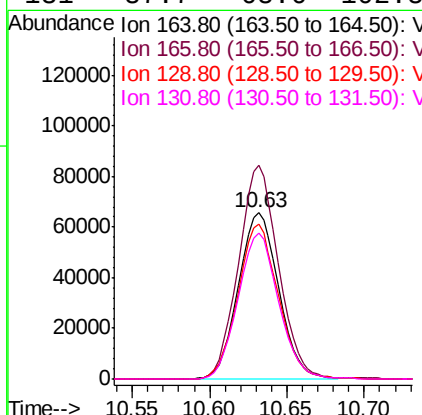
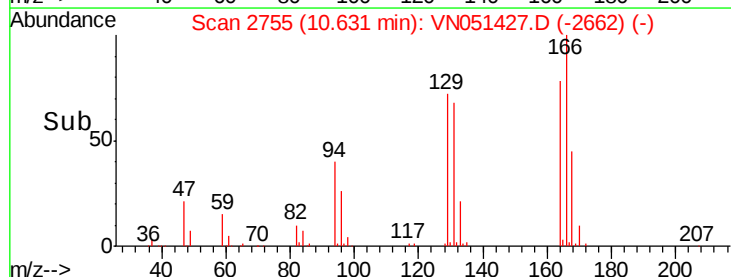
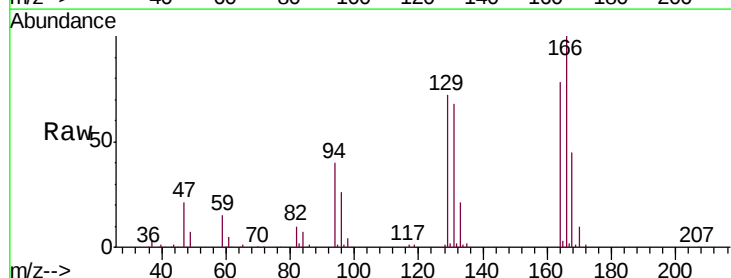
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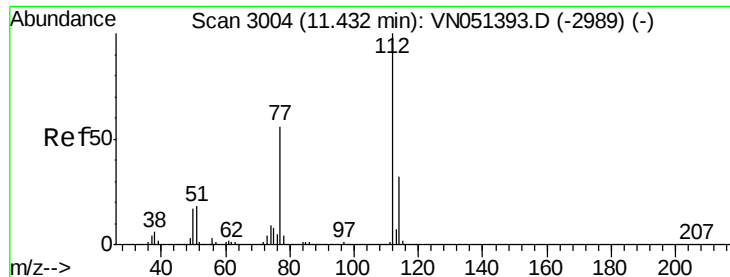
apatel
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#64
Tetrachloroethene
Concen: 20.918 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN051427.D
Acq: 23 Sep 2018 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	119209		
166	128.7	102.3	153.5	
129	93.2	71.8	107.8	
131	87.7	68.6	102.8	





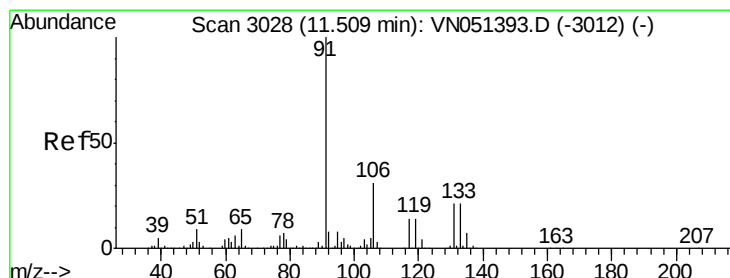
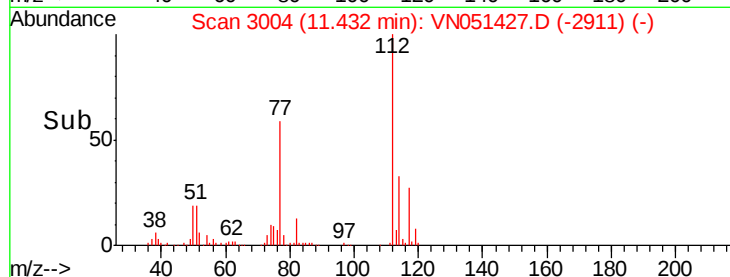
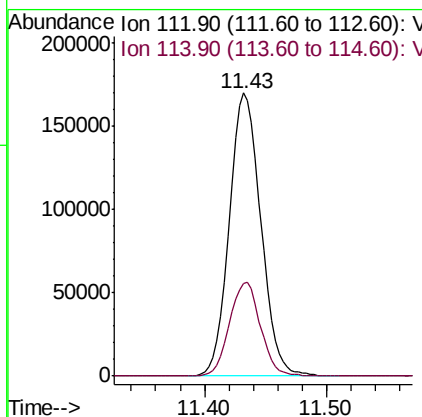
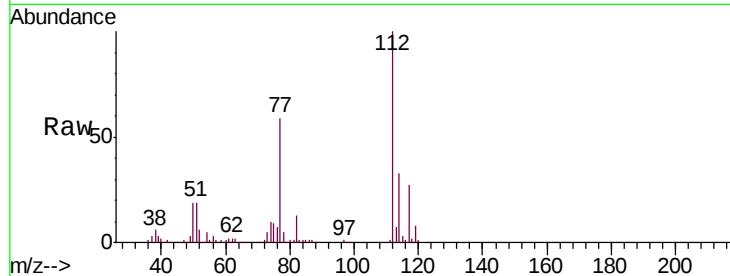
#65
Chlorobenzene
Concen: 19.021 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN051427.D
Acq: 23 Sep 2018 21:44

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	306455		
114	32.5	25.4	38.2	

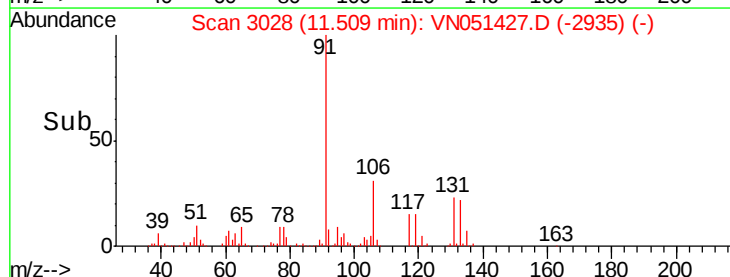
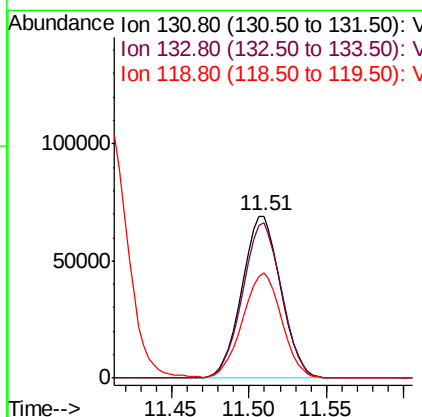
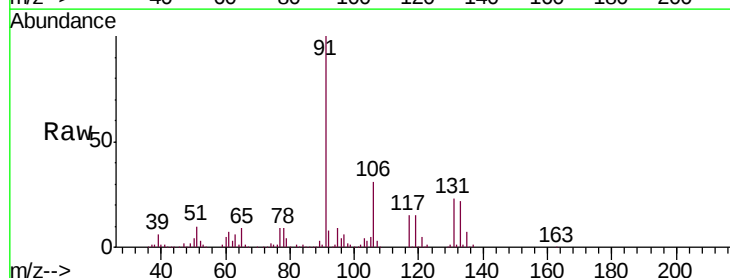
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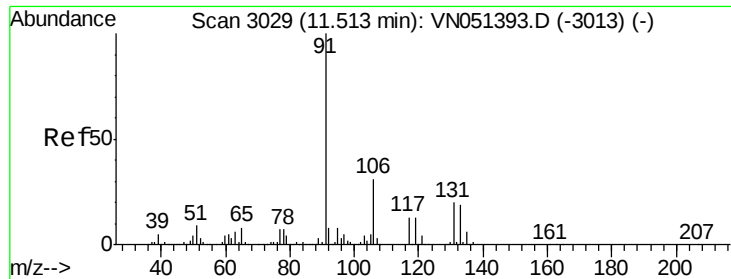
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.791 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051427.D
Acq: 23 Sep 2018 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	121483		
133	95.7	48.3	144.8	
119	64.9	32.8	98.4	





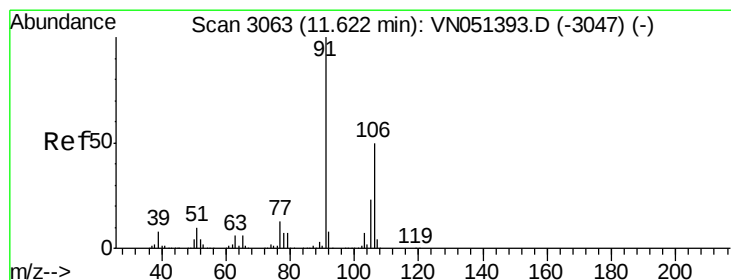
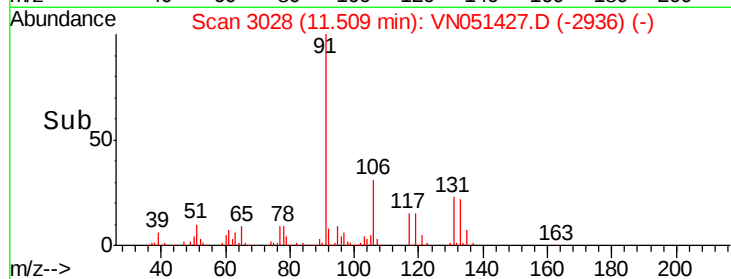
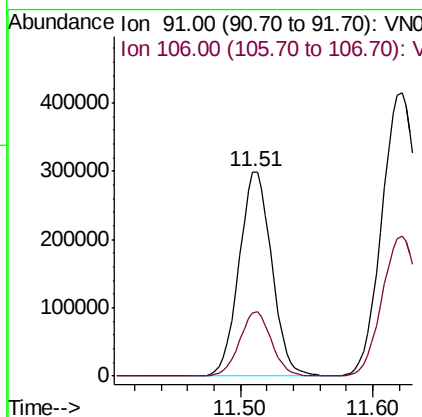
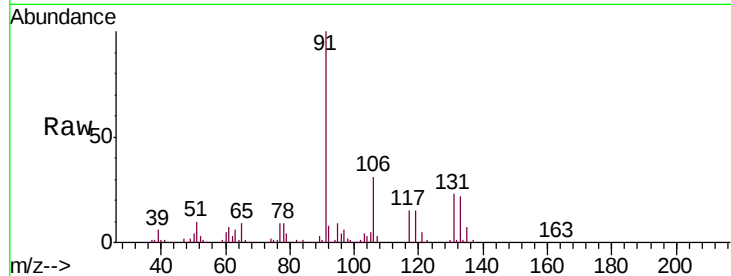
#67
Ethyl Benzene
Concen: 18.859 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051427.D
Acq: 23 Sep 2018 21:44

Instrument :
MSVOA_N
ClientSampled :
VN0923WBS02

Tgt Ion: 91 Resp: 512048
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.4

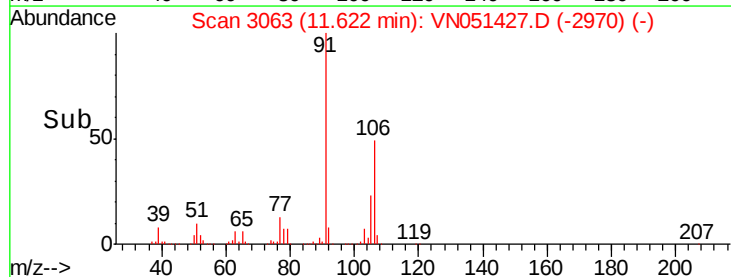
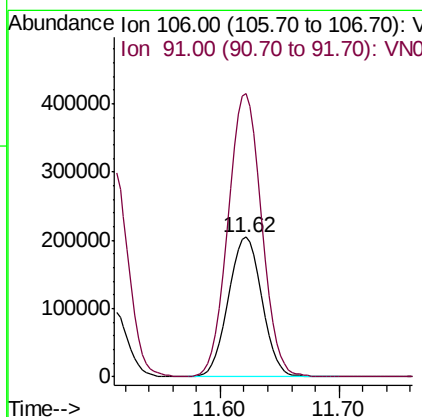
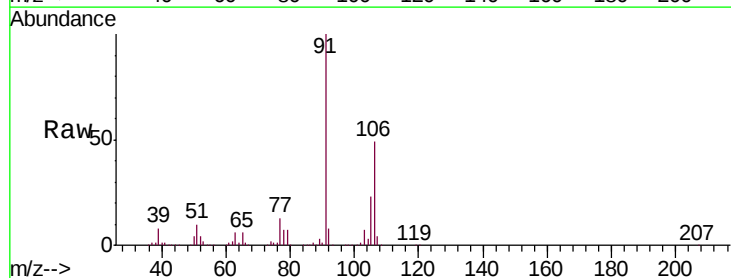
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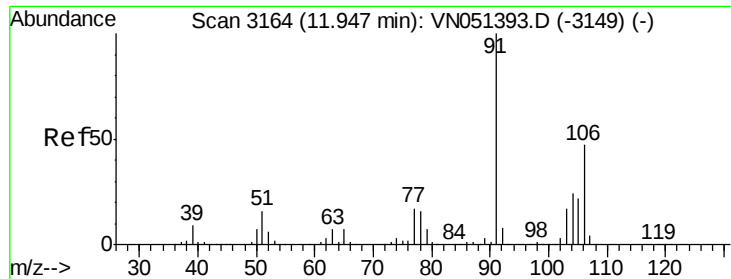
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#68
m/p-Xylenes
Concen: 38.351 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN051427.D
Acq: 23 Sep 2018 21:44

Tgt Ion: 106 Resp: 402787
Ion Ratio Lower Upper
106 100
91 201.8 161.3 241.9





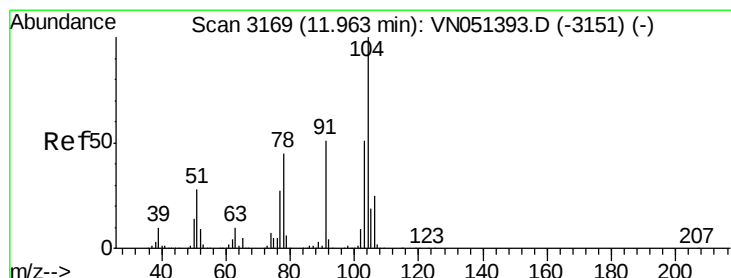
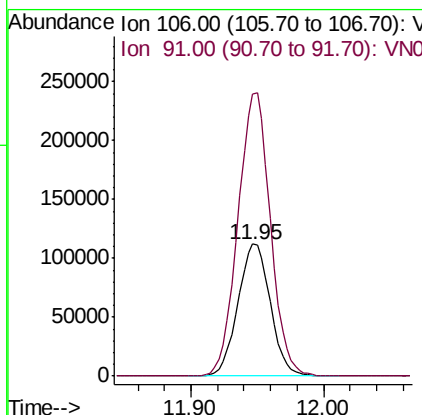
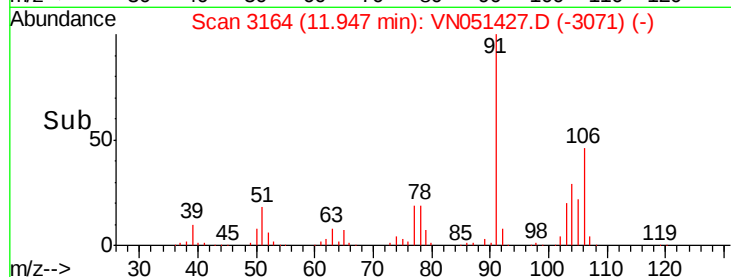
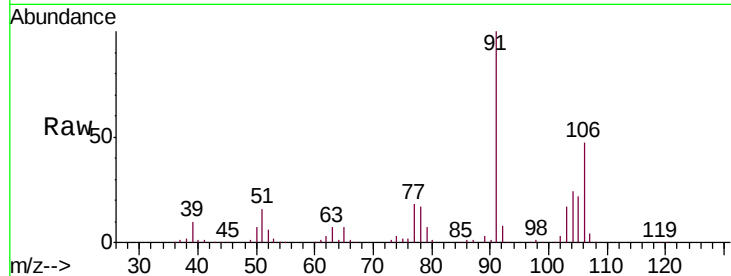
#69
o-Xylene
Concen: 18.848 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN051427.D
Acq: 23 Sep 2018 21:44

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS02

Tgt Ion:106 Resp: 190296
Ion Ratio Lower Upper
106 100
91 214.8 105.3 315.9

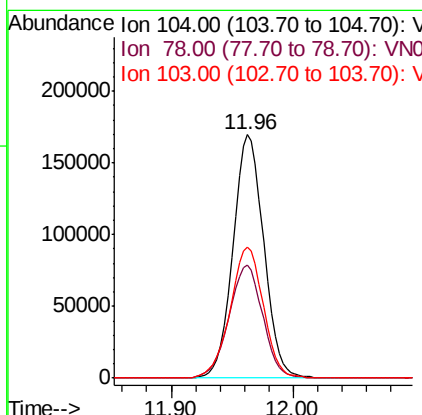
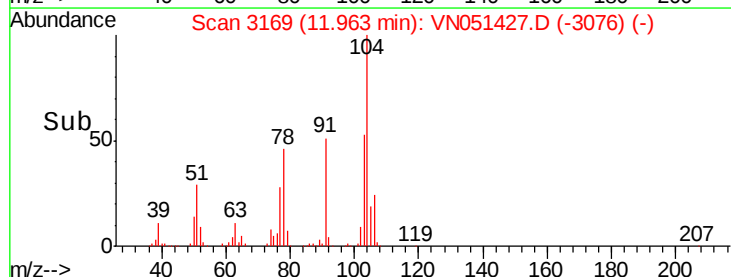
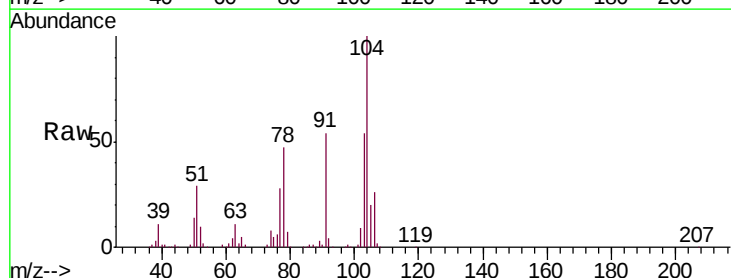
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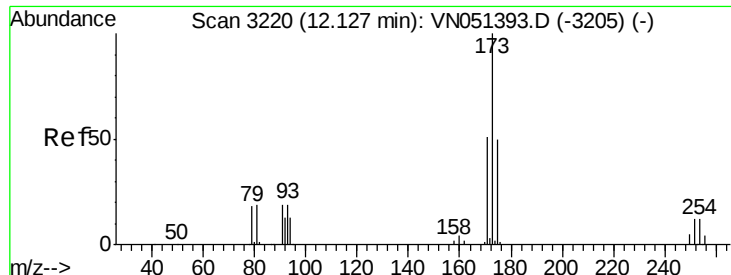
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#70
Styrene
Concen: 18.554 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN051427.D
Acq: 23 Sep 2018 21:44

Tgt Ion:104 Resp: 296835
Ion Ratio Lower Upper
104 100
78 51.2 39.9 59.9
103 58.2 44.6 66.8





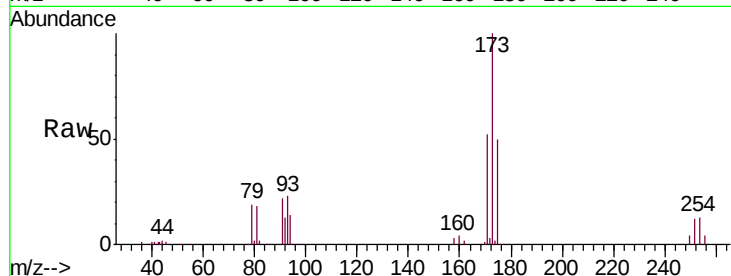
#71
Bromoform
Concen: 18.573 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN051427.D
Acq: 23 Sep 2018 21:44

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS02

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.8	74.3
254	0.0	0.2	0.2

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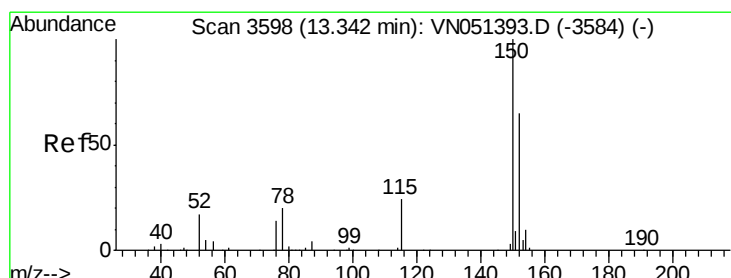
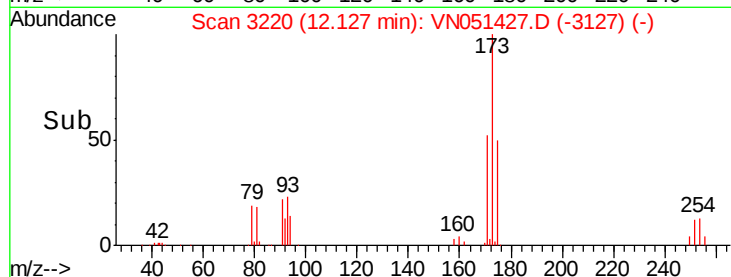
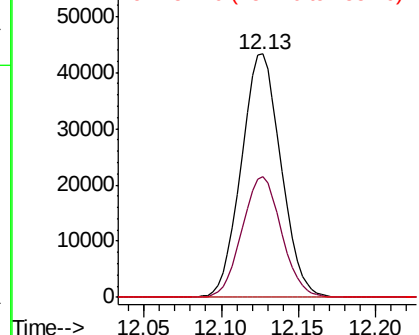


Abundance

Ion 172.70 (172.40 to 173.40): V

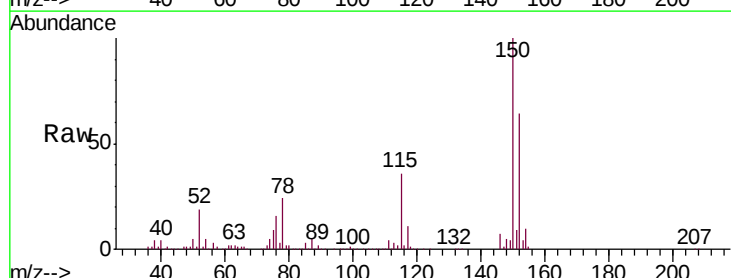
Ion 174.70 (174.40 to 175.40): V

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: VN051427.D
Acq: 23 Sep 2018 21:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.4	28.3	84.9
150	163.1	0.0	353.6

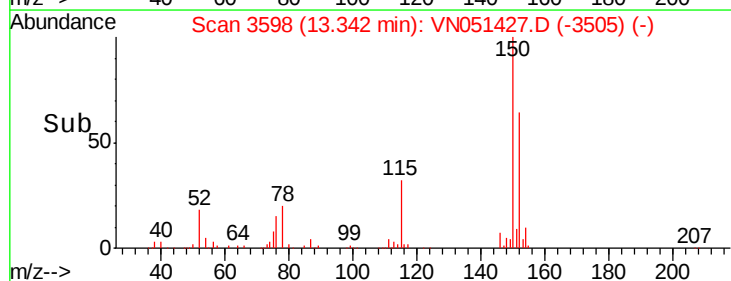
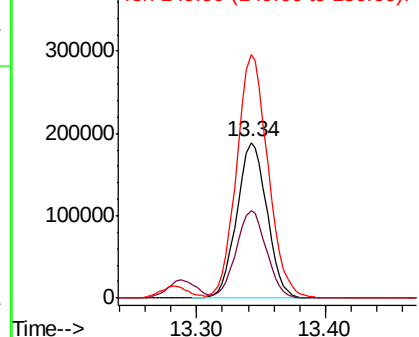


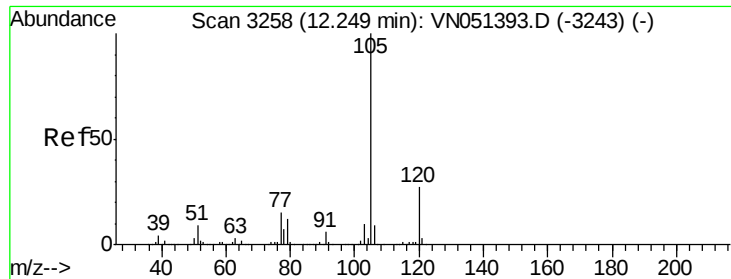
Abundance

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: 19.926 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051427.D

Acq: 23 Sep 2018 21:44

Instrument :

MSVOA_N

ClientSampleId :

VN0923WBS02

Tgt Ion: 105 Resp: 515513

Ion Ratio Lower Upper

105 100

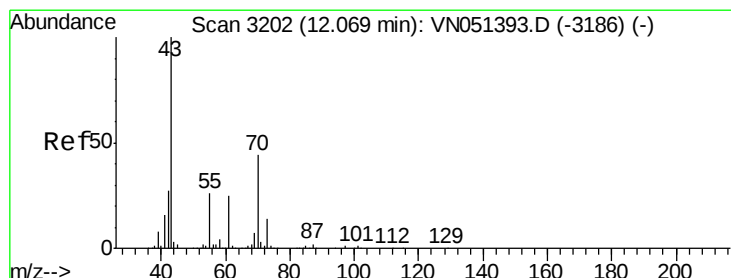
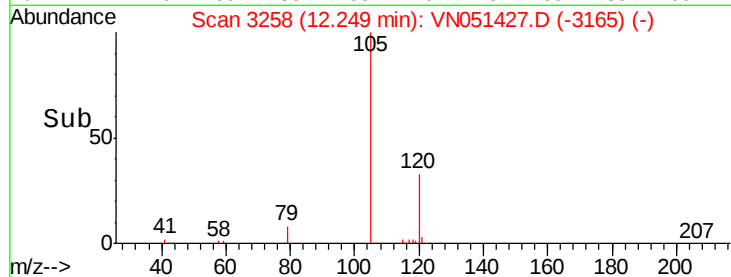
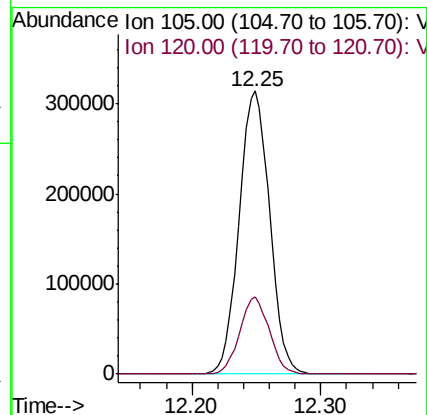
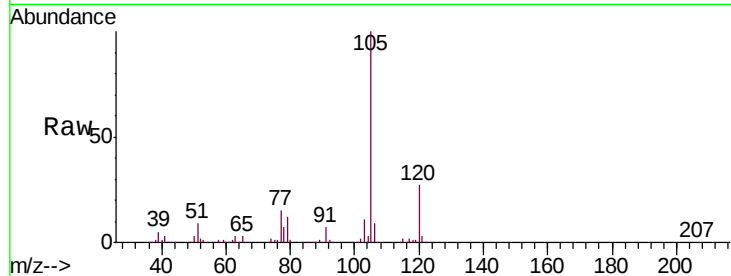
120 26.5 13.3 39.8

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#74

N-ethyl acetate

Concen: 18.070 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN051427.D

Acq: 23 Sep 2018 21:44

Tgt Ion: 43 Resp: 117299

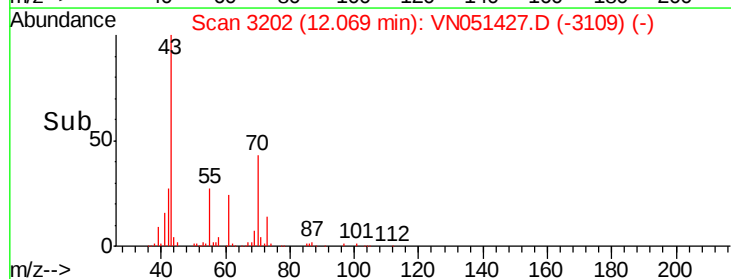
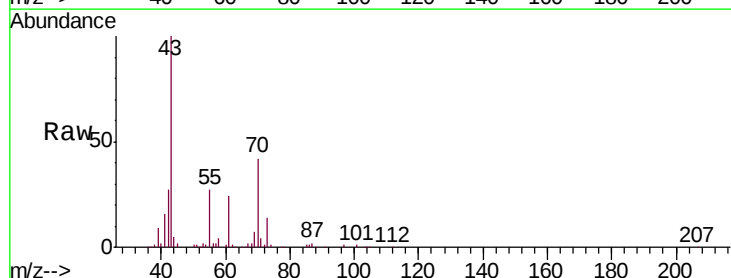
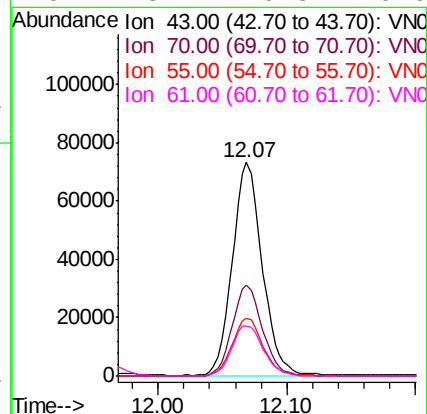
Ion Ratio Lower Upper

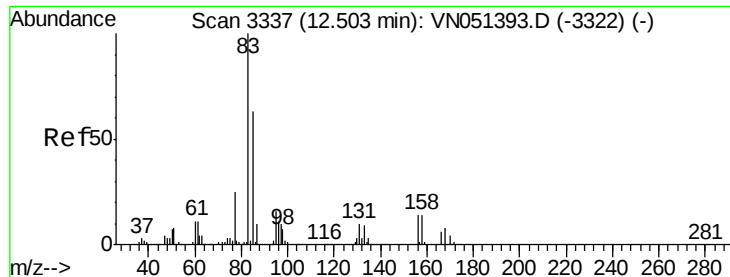
43 100

70 43.1 35.0 52.4

55 28.4 21.4 32.2

61 25.1 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.603 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN051427.D

Acq: 23 Sep 2018 21:44

Instrument :

MSVOA_N

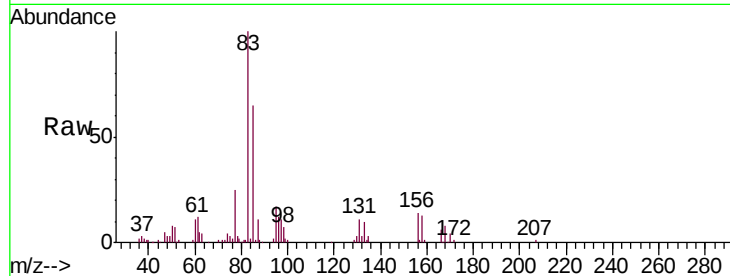
ClientSampled :

VN0923WBS02

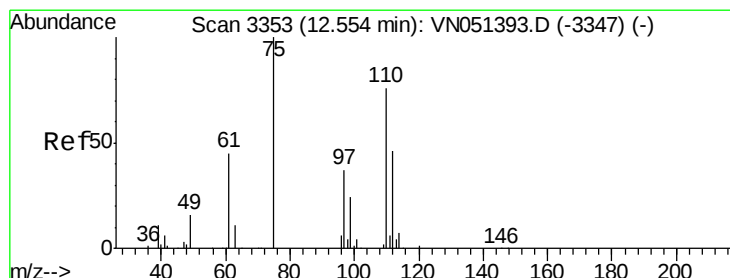
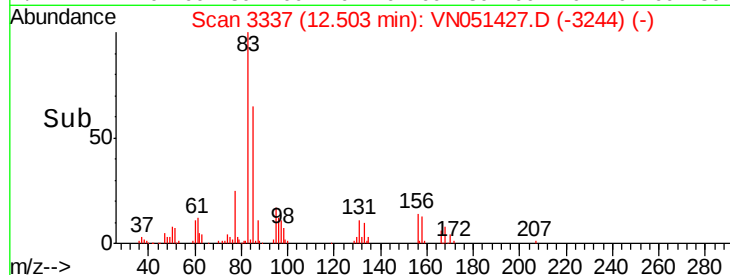
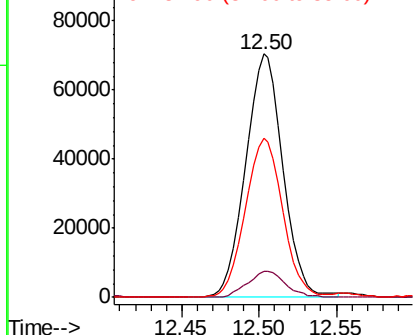
Tgt Ion:	83	Resp:	118267
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.3	15.9
85	65.5	31.6	95.0

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Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 21.854 ug/l m

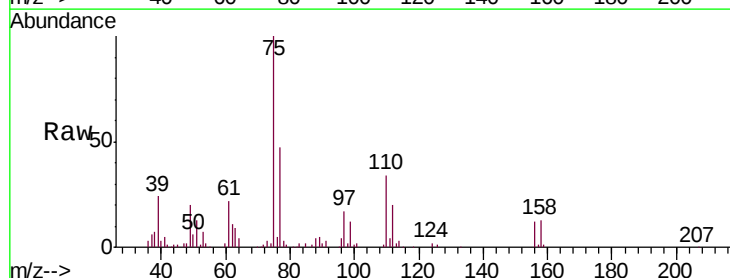
RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

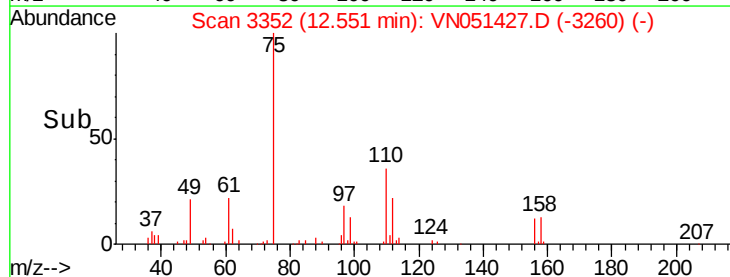
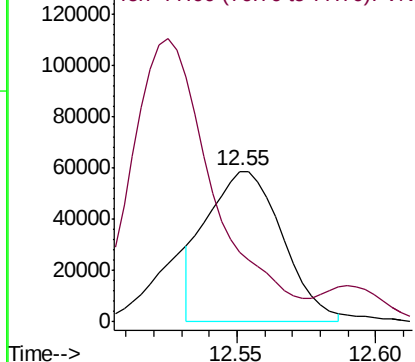
Lab File: VN051427.D

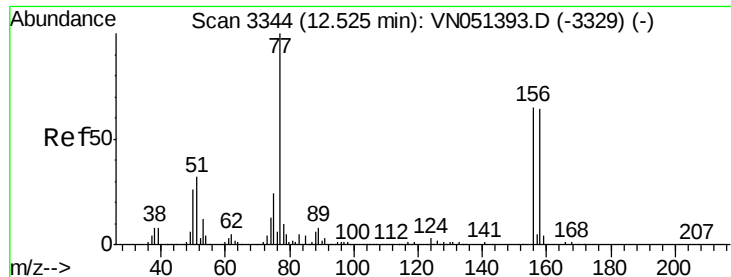
Acq: 23 Sep 2018 21:44

Tgt Ion:	75	Resp:	111240
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 19.349 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN051427.D

Acq: 23 Sep 2018 21:44

Instrument :

MSVOA_N

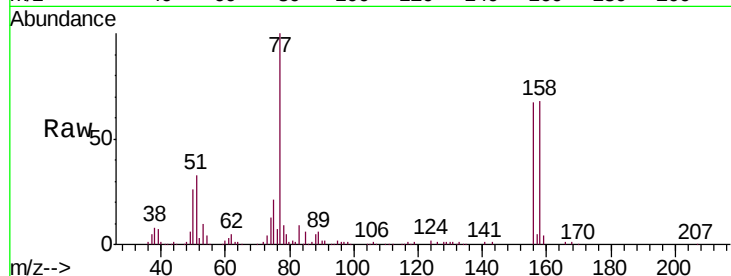
ClientSampleId :

VN0923WBS02

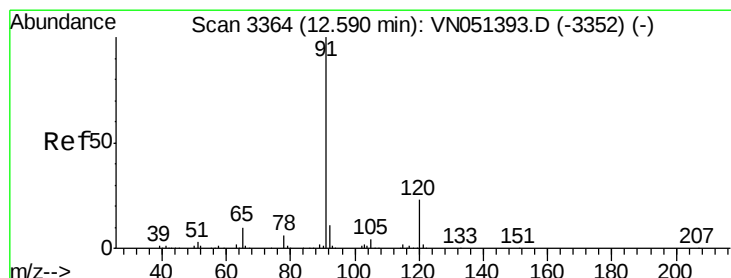
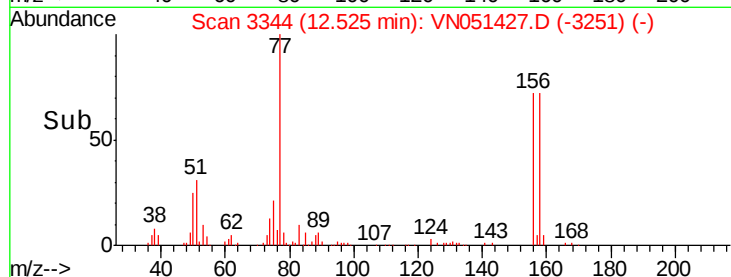
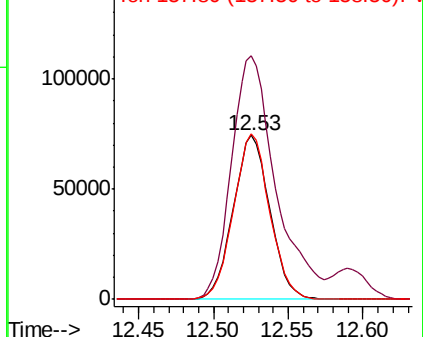
Tgt Ion:	156	Resp:	126724
Ion Ratio	Lower	Upper	
156	100		
77	180.1	89.5	268.4
158	99.5	49.4	148.2

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Abundance Ion 155.80 (155.50 to 156.50): V
150000
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.644 ug/l

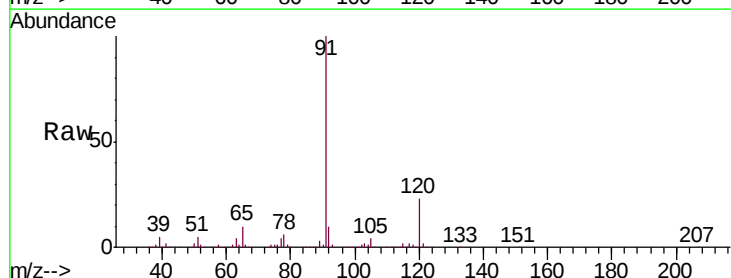
RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

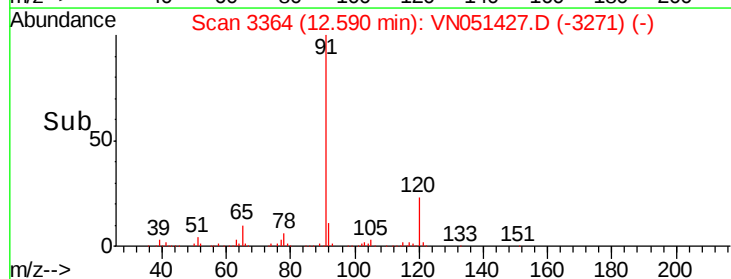
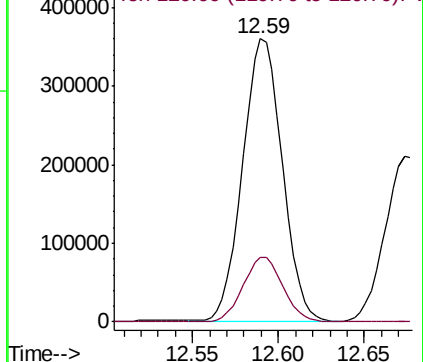
Lab File: VN051427.D

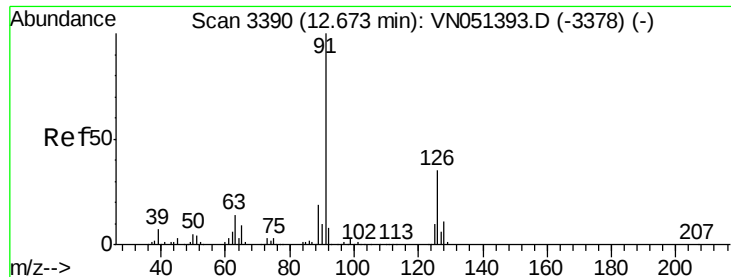
Acq: 23 Sep 2018 21:44

Tgt Ion:	91	Resp:	572764
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.9	35.5



Abundance Ion 91.00 (90.70 to 91.70): VN
400000
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.098 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN051427.D

Acq: 23 Sep 2018 21:44

Instrument :

MSVOA_N

ClientSampled :

VN0923WBS02

Tgt Ion: 91 Resp: 350776

Ion Ratio Lower Upper

91 100

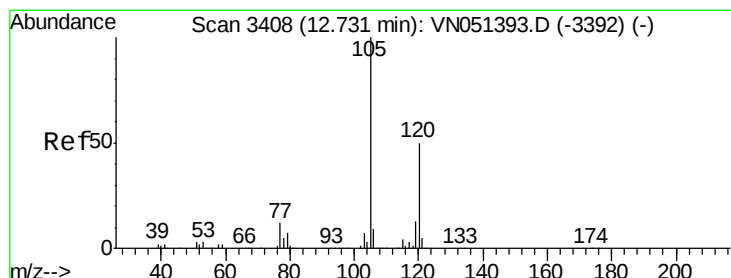
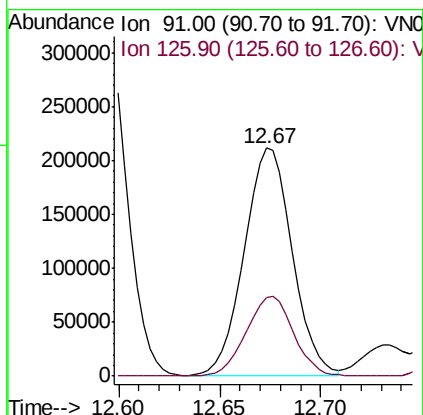
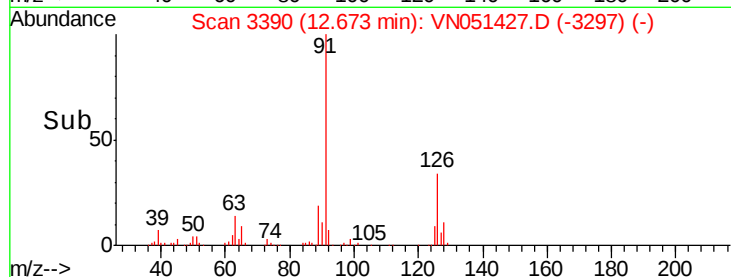
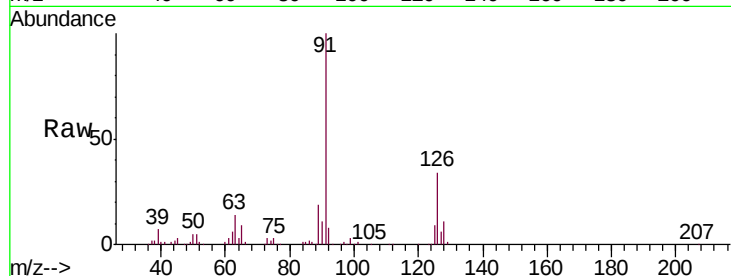
126 34.8 17.6 52.8

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#80

1,3,5-Trimethylbenzene

Concen: 19.912 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051427.D

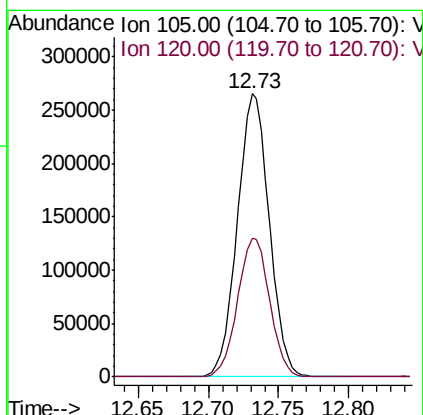
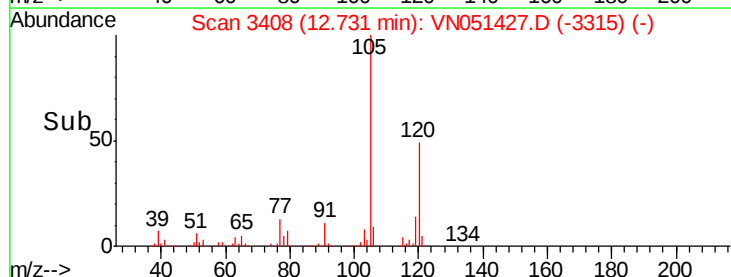
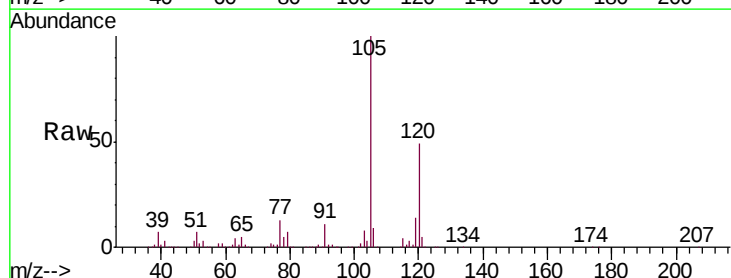
Acq: 23 Sep 2018 21:44

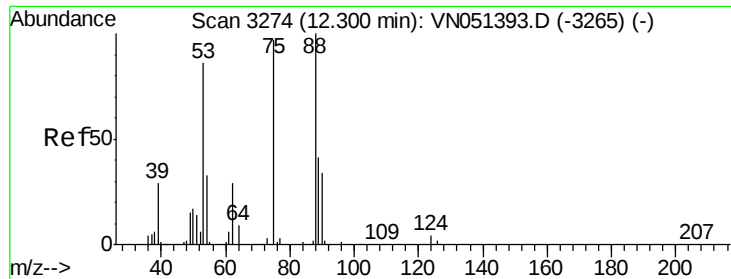
Tgt Ion: 105 Resp: 420054

Ion Ratio Lower Upper

105 100

120 49.4 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 16.653 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN051427.D

Acq: 23 Sep 2018 21:44

Instrument :

MSVOA_N

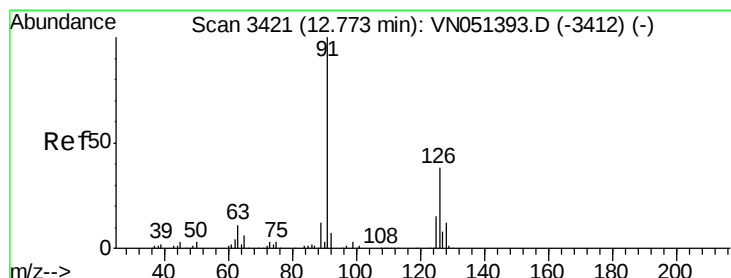
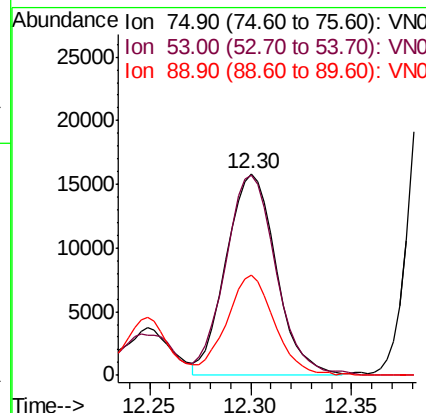
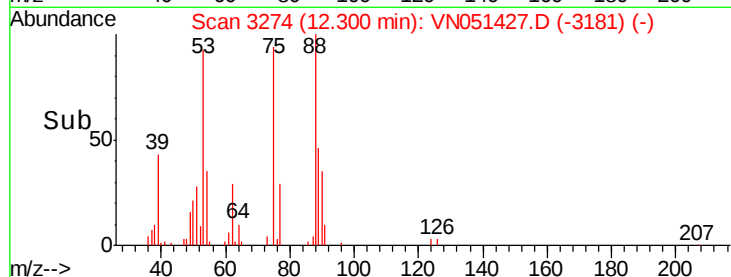
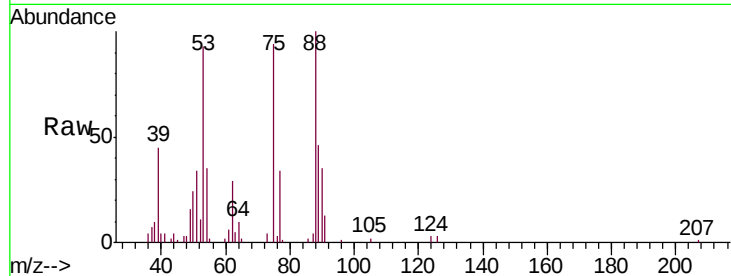
ClientSampleId :

VN0923WBS02

Tgt Ion:	75	Resp:	27568
Ion	Ratio	Lower	Upper
75	100		
53	100.8	73.9	110.9
89	47.5	36.7	55.1

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#82

4-Chlorotoluene

Concen: 19.425 ug/l

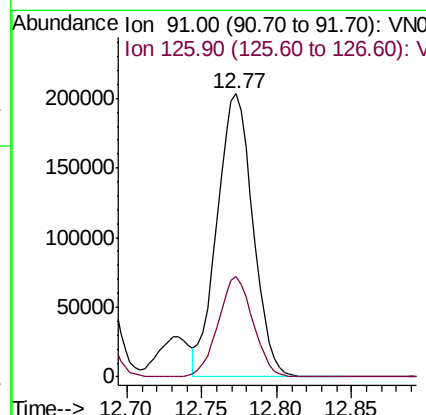
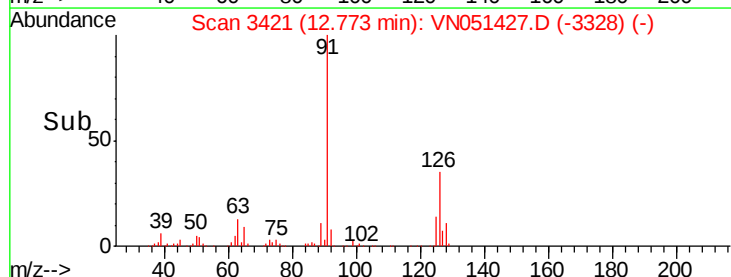
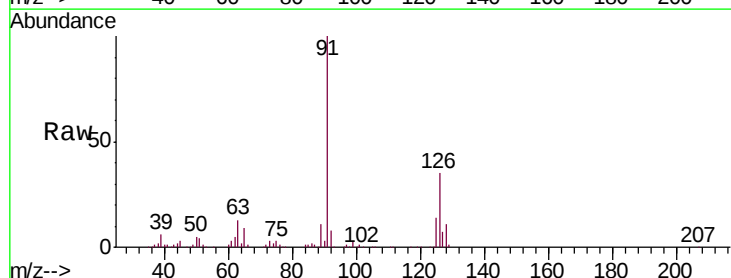
RT: 12.77 min Scan# 3421

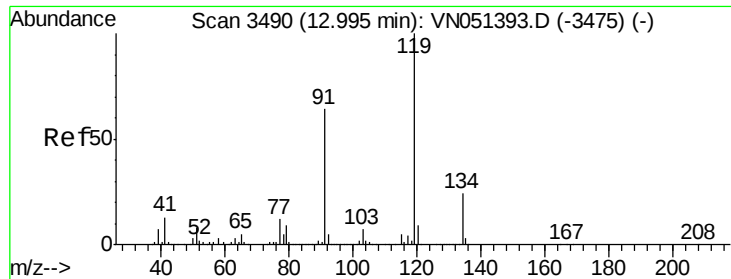
Delta R.T. -0.00 min

Lab File: VN051427.D

Acq: 23 Sep 2018 21:44

Tgt Ion:	91	Resp:	338393
Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.5	52.5





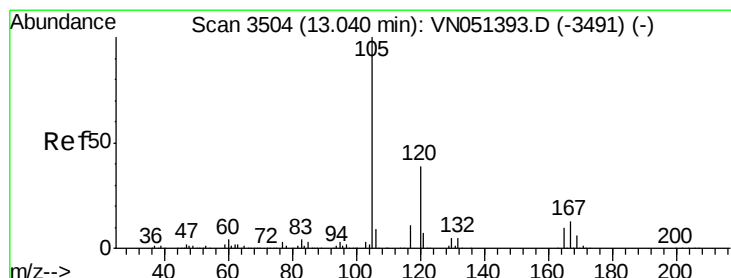
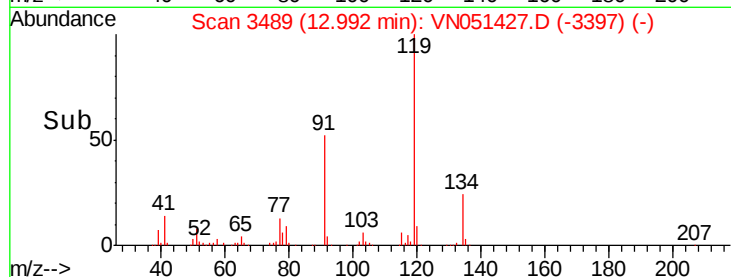
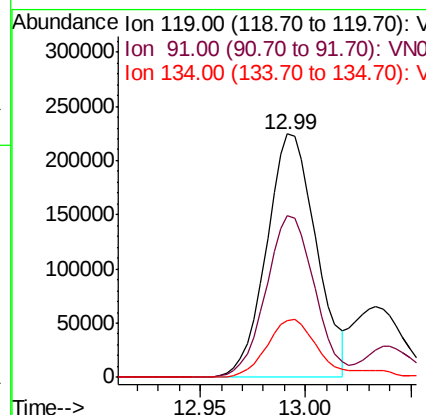
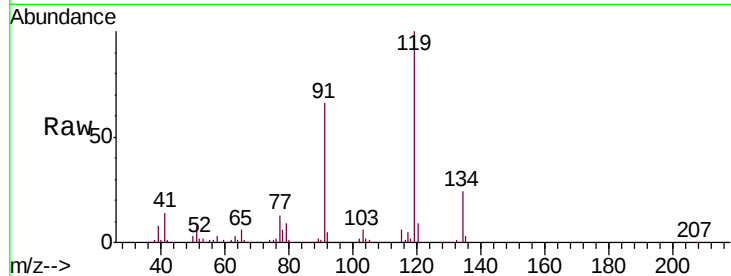
#83
 tert-Butylbenzene
 Concen: 19.558 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN051427.D
 Acq: 23 Sep 2018 21:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	367245		
91	65.1	31.7	95.1	
134	24.1	12.3	36.9	

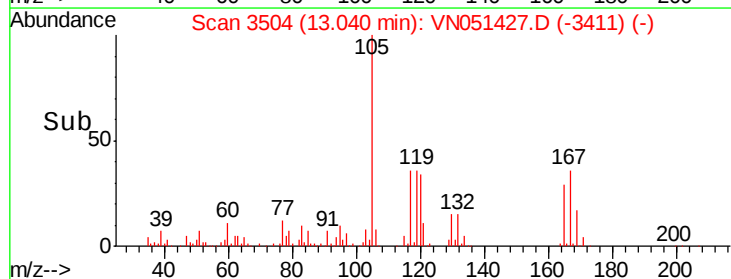
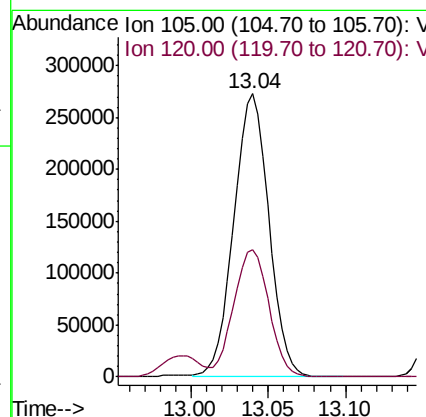
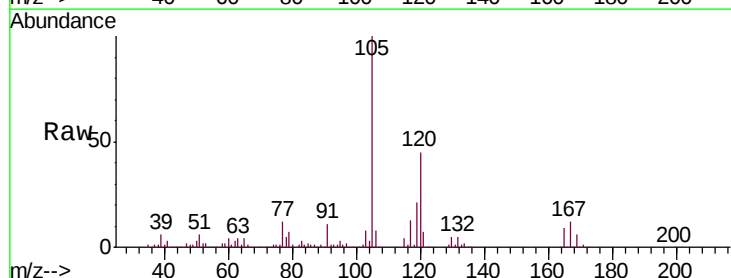
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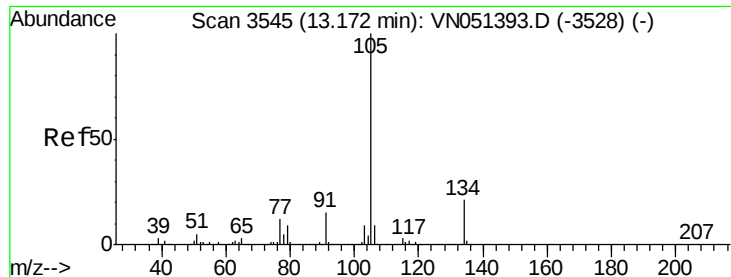
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.112 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051427.D
 Acq: 23 Sep 2018 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	427538		
120	45.6	22.9	68.7	





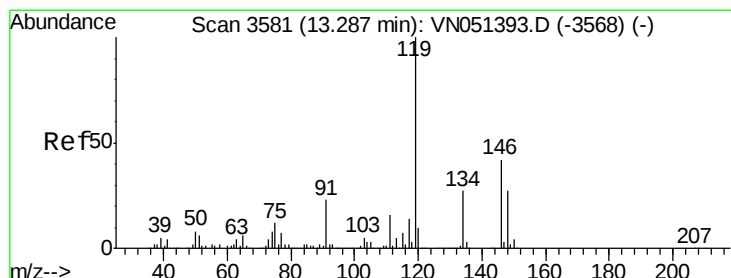
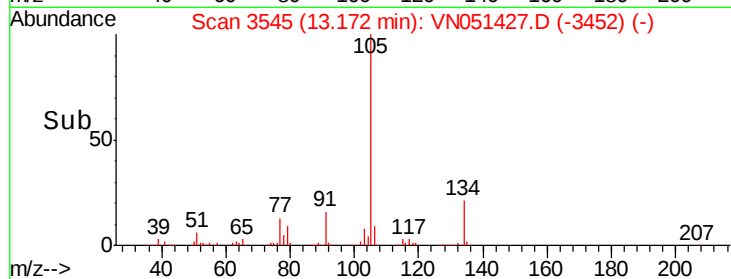
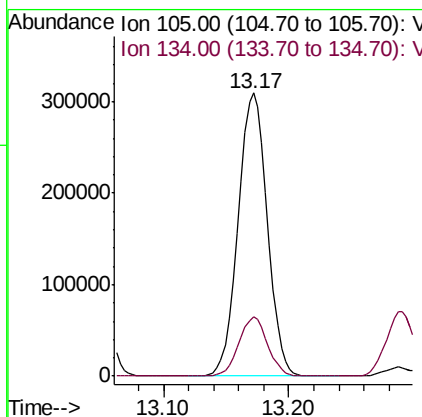
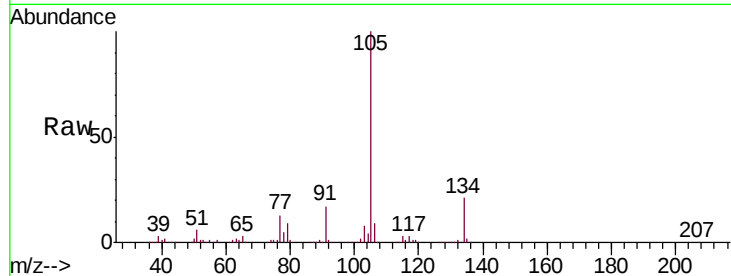
#85
 sec-Butylbenzene
 Concen: 19.622 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN051427.D
 Acq: 23 Sep 2018 21:44

Instrument :
 MSVOA_N
 ClientSampled :
 VN0923WBS02

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.6	10.4	31.1

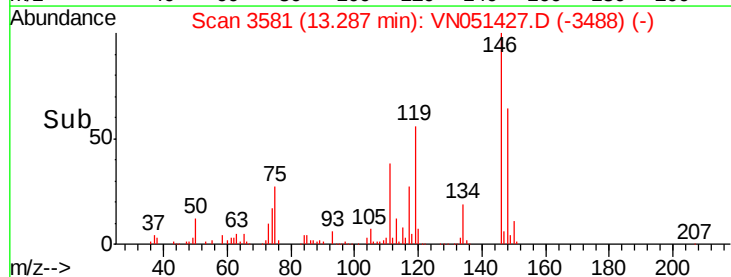
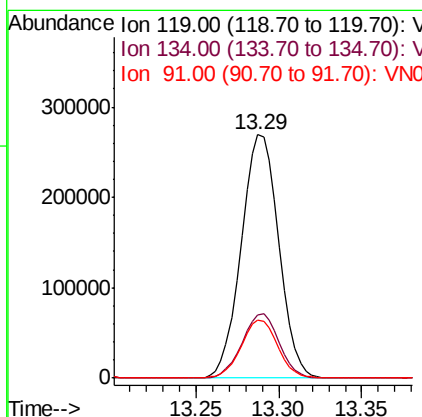
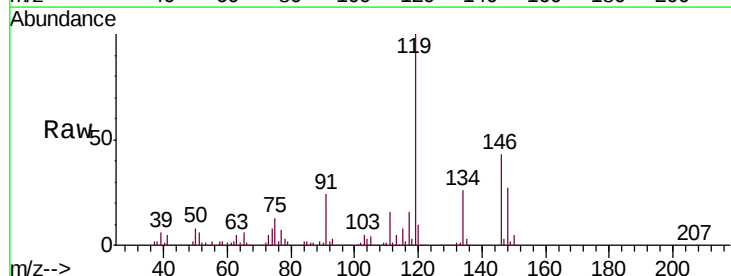
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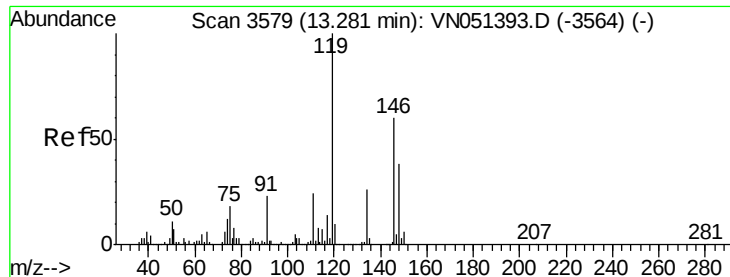
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#86
 p-Isopropyltoluene
 Concen: 19.235 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN051427.D
 Acq: 23 Sep 2018 21:44

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.3	39.9
91	23.3	11.4	34.2





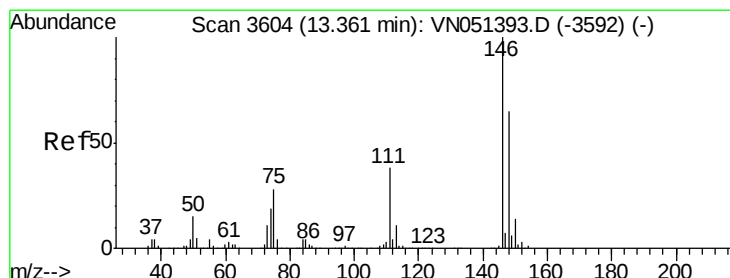
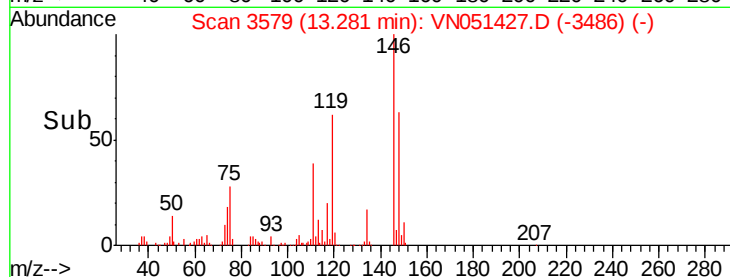
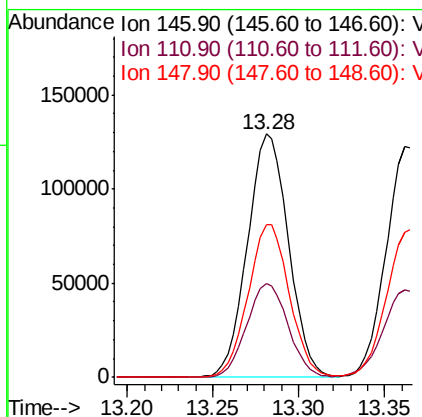
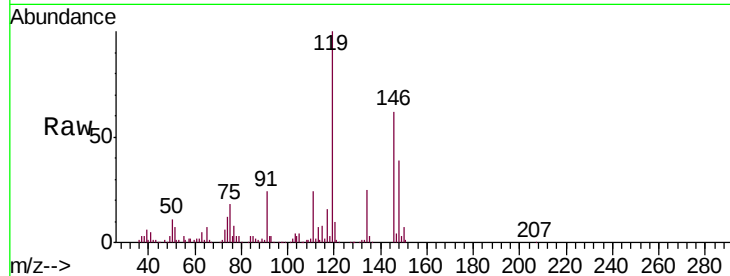
#87
 1,3-Dichlorobenzene
 Concen: 18.932 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN051427.D
 Acq: 23 Sep 2018 21:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBS02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.7	59.1
148	63.0	31.9	95.7

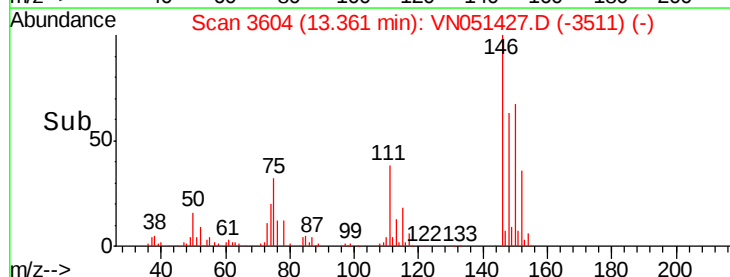
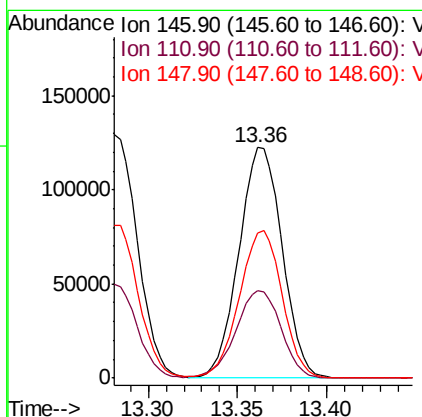
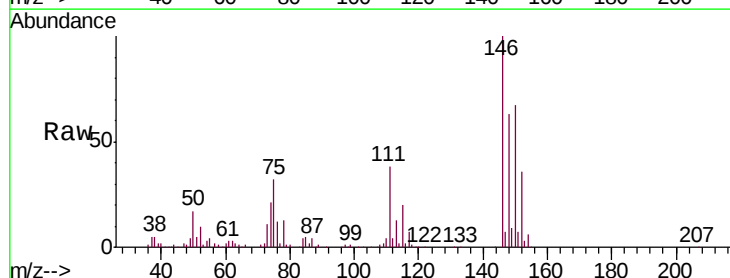
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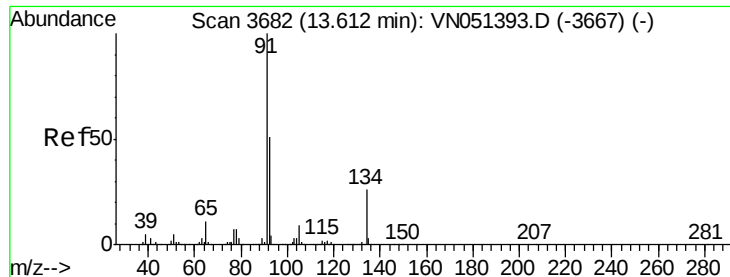
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#88
 1,4-Dichlorobenzene
 Concen: 18.941 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN051427.D
 Acq: 23 Sep 2018 21:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.1	57.1
148	63.8	32.5	97.5





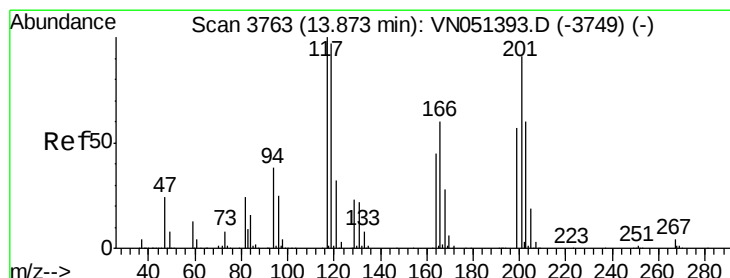
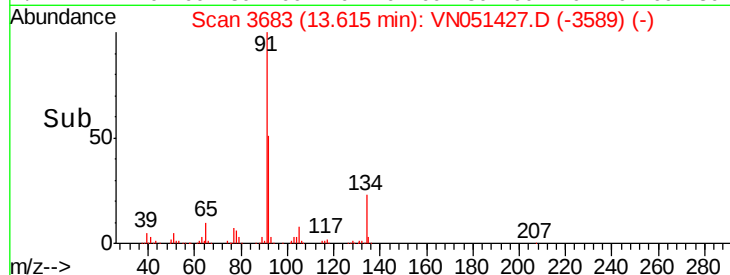
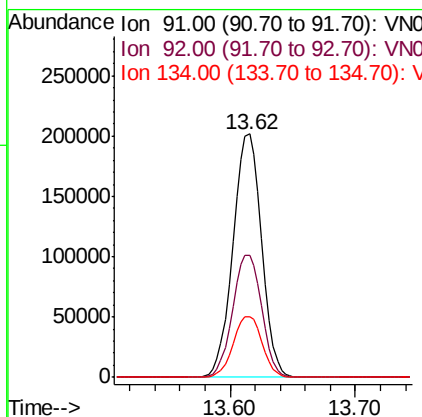
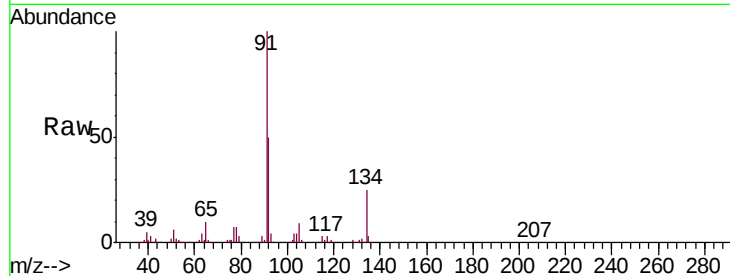
#89
n-Butylbenzene
Concen: 17.666 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN051427.D
Acq: 23 Sep 2018 21:44

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.0	25.5	76.5
134	25.3	13.3	39.8

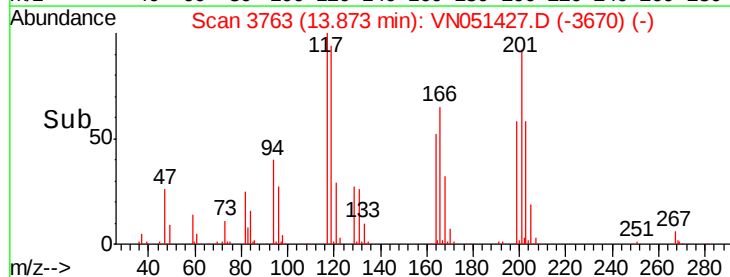
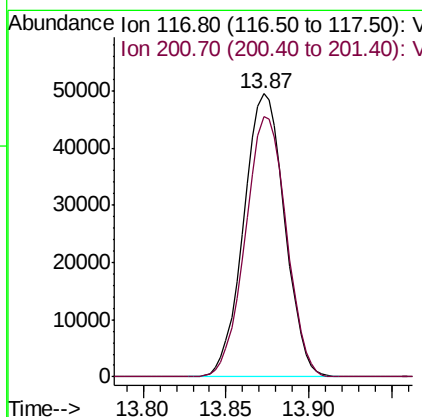
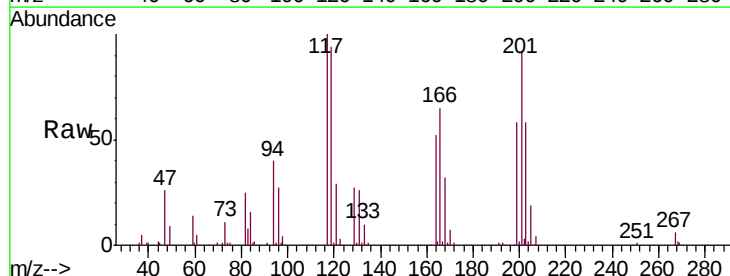
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#90
Hexachloroethane
Concen: 19.409 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN051427.D
Acq: 23 Sep 2018 21:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.0	45.5	136.4





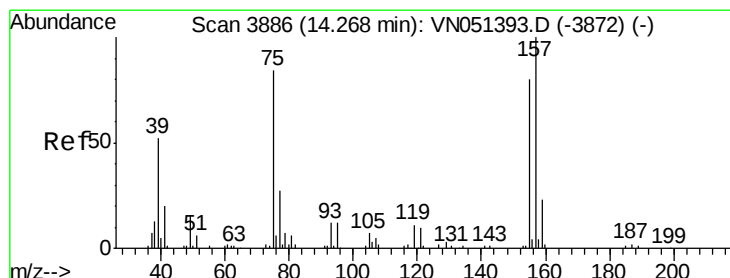
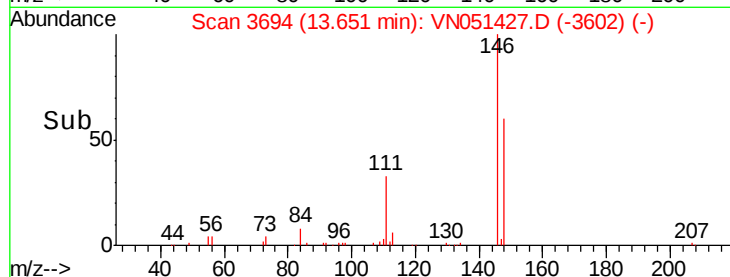
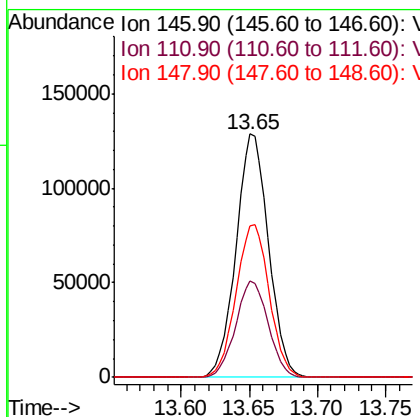
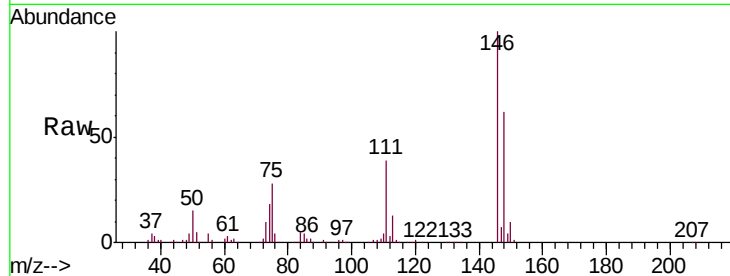
#91
 1,2-Dichlorobenzene
 Concen: 19.332 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN051427.D
 Acq: 23 Sep 2018 21:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBS02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.0	60.0
148	64.1	32.1	96.5

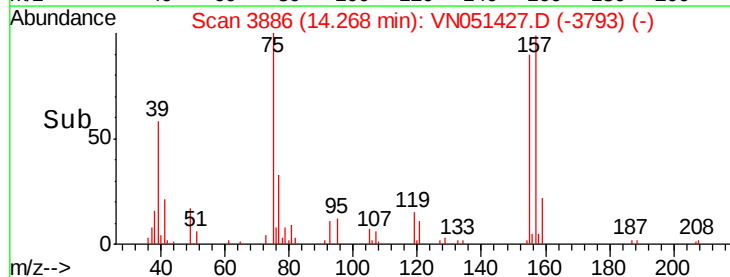
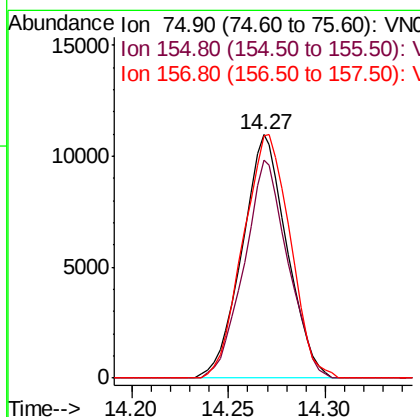
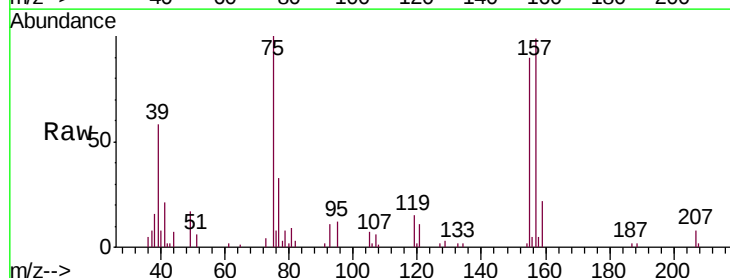
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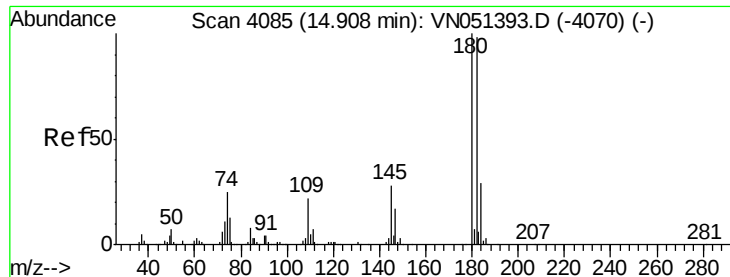
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.547 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN051427.D
 Acq: 23 Sep 2018 21:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.4	46.9	140.6
157	104.8	58.4	175.1





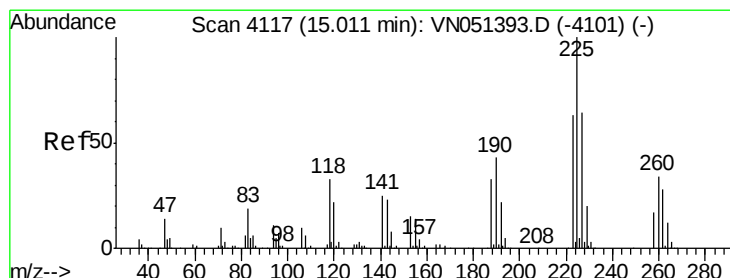
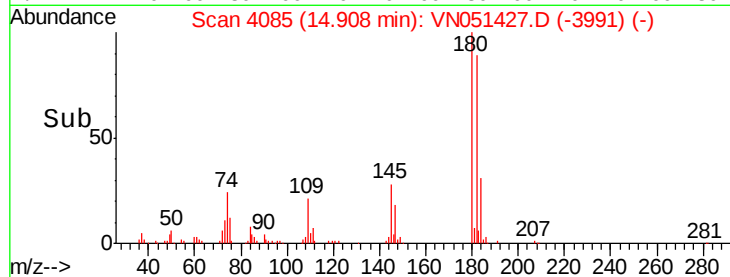
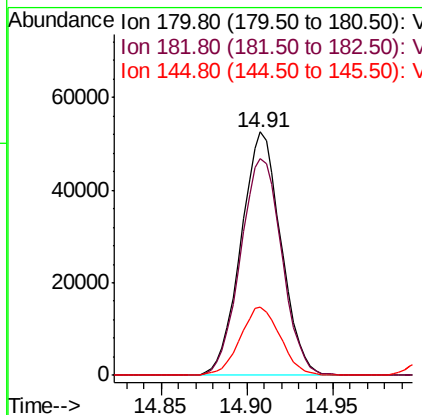
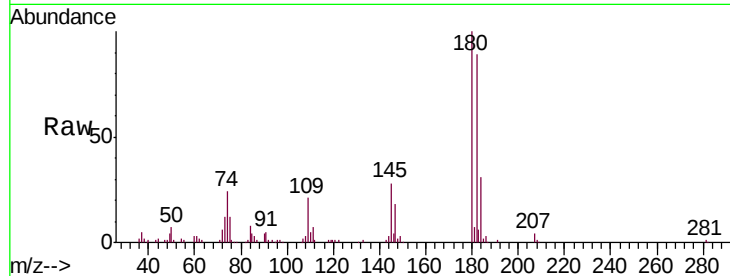
#93
 1,2,4-Trichlorobenzene
 Concen: 18.581 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN051427.D
 Acq: 23 Sep 2018 21:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBS02

Tgt Ion:	180	Resp:	84847
Ion Ratio	Lower	Upper	
180	100		
182	92.1	48.5	145.6
145	28.1	14.1	42.4

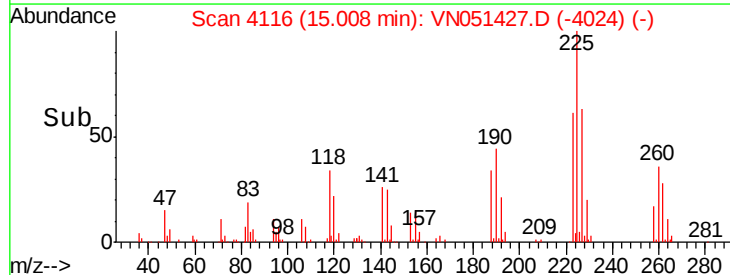
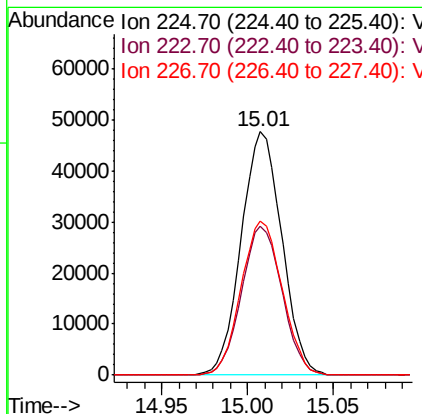
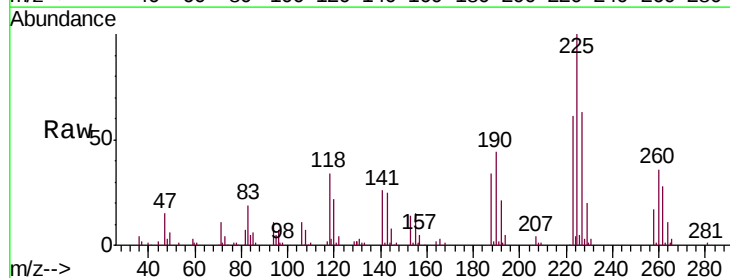
Manual Integrations
 APPROVED

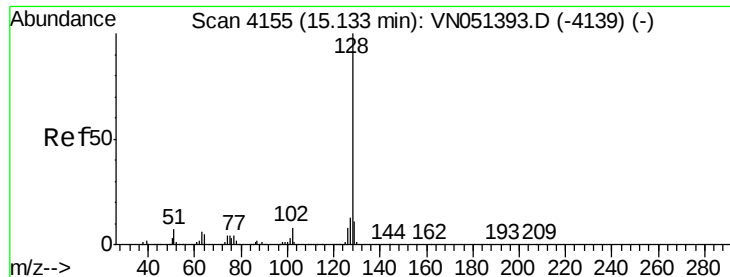
apatel
 9/25/2018 11:52:15 AM



#94
 Hexachlorobutadiene
 Concen: 18.834 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN051427.D
 Acq: 23 Sep 2018 21:44

Tgt Ion:	225	Resp:	78361
Ion Ratio	Lower	Upper	
225	100		
223	61.1	31.9	95.9
227	63.9	32.5	97.5





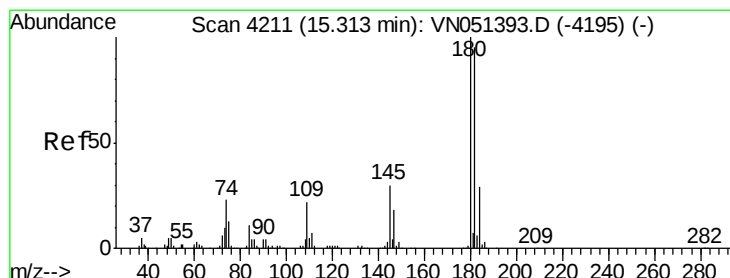
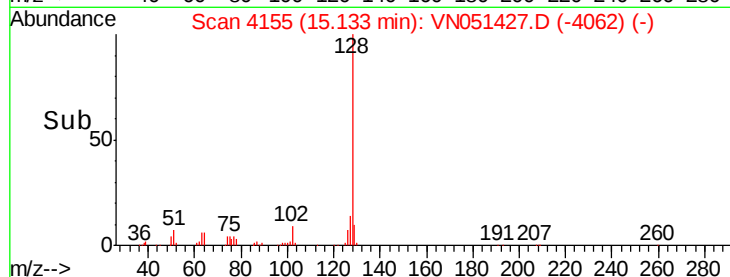
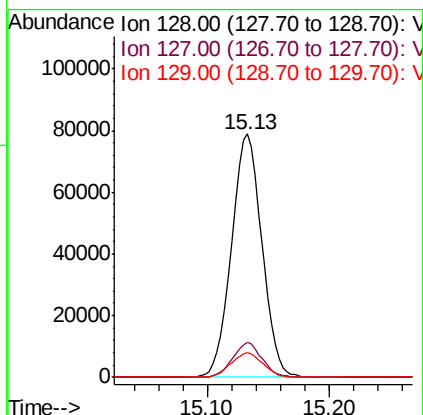
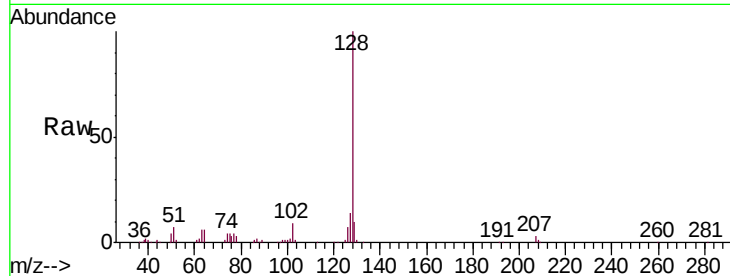
#95
Naphthalene
Concen: 18.105 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN051427.D
Acq: 23 Sep 2018 21:44

Instrument :
MSVOA_N
ClientSampled :
VN0923WBS02

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.5	15.7
129	10.4	8.6	12.8

Manual Integrations
APPROVED

apatel
9/25/2018 11:52:15 AM



#96
1,2,3-Trichlorobenzene
Concen: 15.814 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN051427.D
Acq: 23 Sep 2018 21:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.7	47.2	141.6
145	31.8	14.6	43.8

