

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010819\
 Data File : VN053312.D
 Acq On : 8 Jan 2019 12:24
 Operator : MD\SY
 Sample : VN0108WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0108WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/9/2019 10:57:46 AM

Quant Time: Jan 09 00:43:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	976650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1492325	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1354771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	639746	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	484104	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	
35) Dibromofluoromethane	7.59	113	408108	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
50) Toluene-d8	10.09	98	1791895	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
62) 4-Bromofluorobenzene	12.40	95	633416	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	160396	18.629	ug/l 98
3) Chloromethane	2.06	50	214708	17.857	ug/l 99
4) Vinyl Chloride	2.19	62	215270	18.758	ug/l 99
5) Bromomethane	2.56	94	137750	18.369	ug/l 96
6) Chloroethane	2.71	64	124643	17.994	ug/l 100
7) Trichlorofluoromethane	3.02	101	283213	19.052	ug/l 100
8) Diethyl Ether	3.41	74	114246	19.608	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	179470	19.050	ug/l 99
10) Methyl Iodide	3.96	142	267737	20.274	ug/l 99
11) Tert butyl alcohol	4.78	59	52878	86.522	ug/l 98
12) 1,1-Dichloroethene	3.74	96	176651	19.385	ug/l 98
13) Acrolein	3.61	56	76352	99.363	ug/l 99
14) Allyl chloride	4.33	41	284847	19.394	ug/l 96
15) Acrylonitrile	4.99	53	353195	96.811	ug/l 99
16) Acetone	3.82	43	228233	91.918	ug/l 100
17) Carbon Disulfide	4.06	76	492486	17.529	ug/l 100
18) Methyl Acetate	4.33	43	164573	17.896	ug/l 98
19) Methyl tert-butyl Ether	5.05	73	506967	19.822	ug/l 98
20) Methylene Chloride	4.55	84	202055	18.515	ug/l 99
21) trans-1,2-Dichloroethene	5.05	96	189331	19.350	ug/l 98
22) Diisopropyl ether	5.95	45	617086	19.503	ug/l 98
23) Vinyl Acetate	5.90	43	1932229	97.053	ug/l 100
24) 1,1-Dichloroethane	5.85	63	357970	19.616	ug/l 98
25) 2-Butanone	6.84	43	385780	92.545	ug/l 100
26) 2,2-Dichloropropane	6.83	77	250214	18.757	ug/l 99
27) cis-1,2-Dichloroethene	6.83	96	219744	19.666	ug/l 100
28) Bromochloromethane	7.20	49	160556	20.646	ug/l 98
29) Tetrahydrofuran	7.21	42	263128	95.652	ug/l 99
30) Chloroform	7.37	83	344396	19.174	ug/l 98
31) Cyclohexane	7.66	56	341118	19.552	ug/l 98
32) 1,1,1-Trichloroethane	7.57	97	288157	19.252	ug/l 100
36) 1,1-Dichloropropene	7.80	75	270727	19.432	ug/l 99
37) Ethyl Acetate	6.93	43	173883	19.161	ug/l 99
38) Carbon Tetrachloride	7.78	117	242624	18.868	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	299439	18.552	ug/l	99
40) Benzene	8.04	78	832388	19.560	ug/l	98
41) Methacrylonitrile	7.17	41	71578m	12.705	ug/l	
42) 1,2-Dichloroethane	8.13	62	244224	19.347	ug/l	100
43) Isopropyl Acetate	8.16	43	320234	17.938	ug/l	99
44) Trichloroethene	8.84	130	226069	19.346	ug/l	99
45) 1,2-Dichloropropane	9.12	63	220356	19.742	ug/l	99
46) Dibromomethane	9.21	93	126200	19.392	ug/l	97
47) Bromodichloromethane	9.40	83	257060	18.954	ug/l	98
48) Methyl methacrylate	9.20	41	156926	19.349	ug/l	99
49) 1,4-Dioxane	9.20	88	28968	335.236	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	884783	98.556	ug/l	100
52) Toluene	10.16	92	515496	19.745	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	268027	19.319	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	311955	19.458	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	185905	19.365	ug/l	100
56) Ethyl methacrylate	10.43	69	252442	20.235	ug/l	99
57) 1,3-Dichloropropane	10.71	76	317280	19.763	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	669726	99.301	ug/l	99
59) 2-Hexanone	10.75	43	607271	98.727	ug/l	99
60) Dibromochloromethane	10.90	129	195974	18.927	ug/l	99
61) 1,2-Dibromoethane	11.01	107	185339	19.564	ug/l	98
64) Tetrachloroethene	10.63	164	247769	19.431	ug/l	98
65) Chlorobenzene	11.43	112	575182	19.544	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	193870	18.820	ug/l	99
67) Ethyl Benzene	11.51	91	997559	19.947	ug/l	100
68) m/p-Xylenes	11.62	106	759169	40.371	ug/l	99
69) o-Xylene	11.95	106	372678	20.243	ug/l	99
70) Styrene	11.96	104	604943	20.190	ug/l	99
71) Bromoform	12.13	173	135349	18.602	ug/l #	98
73) Isopropylbenzene	12.25	105	961831	20.193	ug/l	100
74) N-amyl acetate	12.07	43	301465	21.196	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	217274	19.830	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	192582m	20.639	ug/l	
77) Bromobenzene	12.53	156	284688	22.394	ug/l	88
78) n-propylbenzene	12.59	91	1086867	20.173	ug/l	99
79) 2-Chlorotoluene	12.68	91	658444	20.197	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	777316	20.260	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	60499	19.076	ug/l	94
82) 4-Chlorotoluene	12.77	91	668249	19.990	ug/l	99
83) tert-Butylbenzene	12.99	119	664642	19.745	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	787164	20.139	ug/l	100
85) sec-Butylbenzene	13.17	105	879193	19.805	ug/l	100
86) p-Isopropyltoluene	13.29	119	770044	20.034	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	439257	19.621	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	436785	19.669	ug/l	99
89) n-Butylbenzene	13.62	91	645791	20.040	ug/l	100
90) Hexachloroethane	13.88	117	105444	17.116	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	409535	19.530	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.27	75	25195	18.958	ug/l	97

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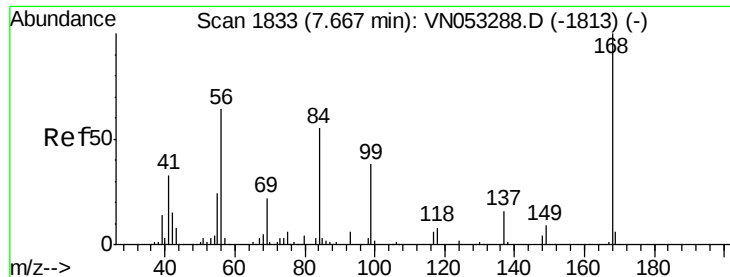
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	136659	20.727	ug/l #	92
94) Hexachlorobutadiene	15.01	225	99620	18.472	ug/l	98
95) Naphthalene	15.13	128	266287	23.674	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	98419	22.799	ug/l #	72

(#) = 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: VN053312.D

Acq: 8 Jan 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0108WBS01

Tot Ion:168 Resp: 976650

Ion Ratio Lower Upper

168 100

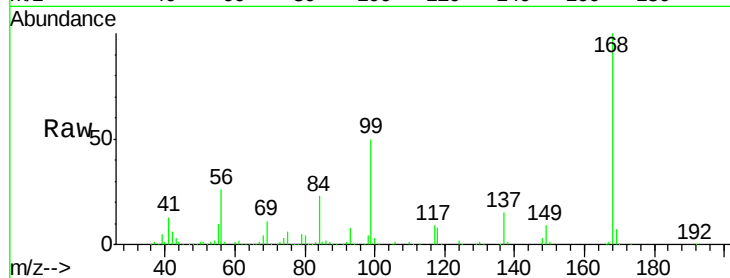
99 50.0 39.1 58.7

Manual Integrations

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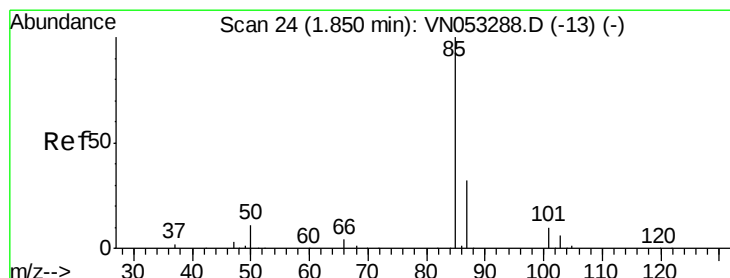
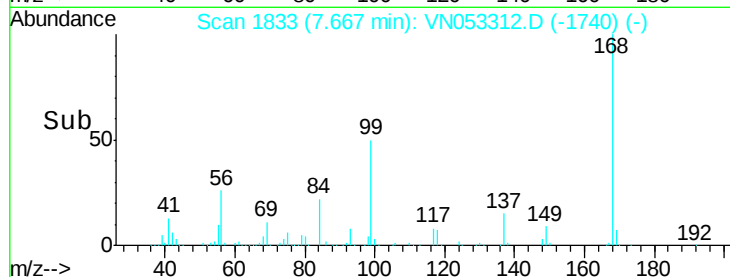
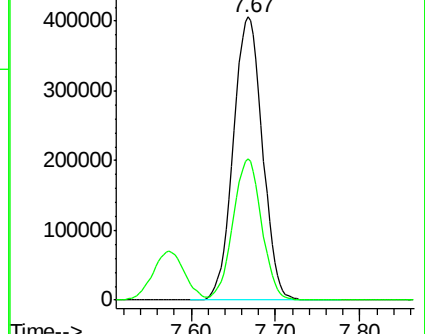
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 18.629 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053312.D

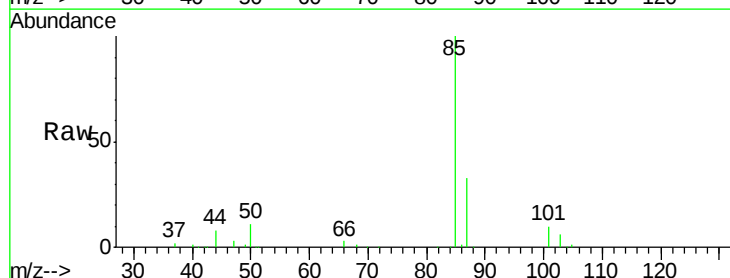
Acq: 8 Jan 2019 12:24

Tgt Ion: 85 Resp: 160396

Ion Ratio Lower Upper

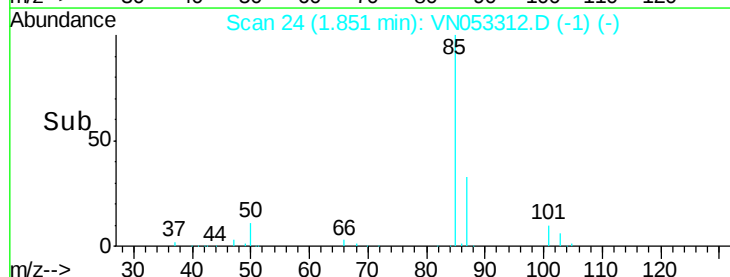
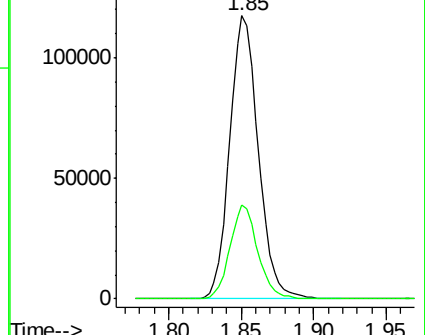
85 100

87 33.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 17.857 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0108WBS01

Tot Ion: 50 Resp: 214708

Ion Ratio Lower Upper

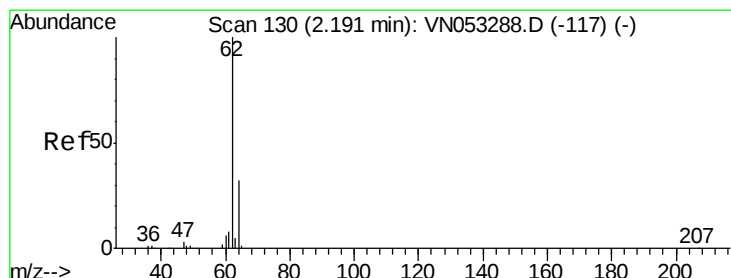
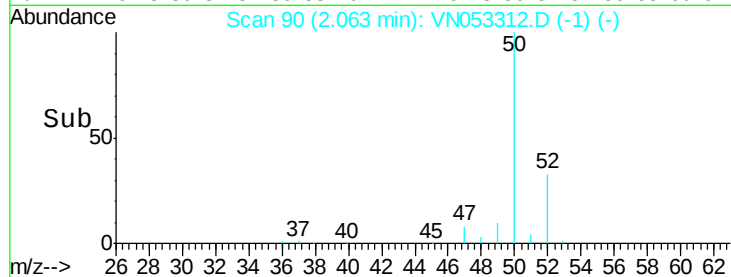
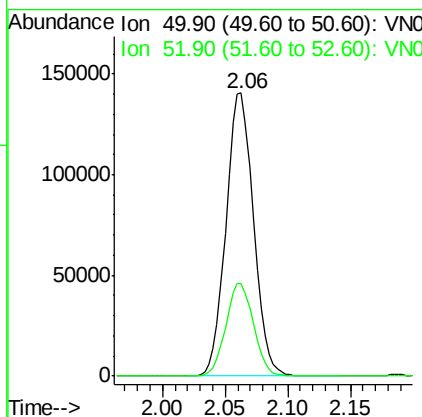
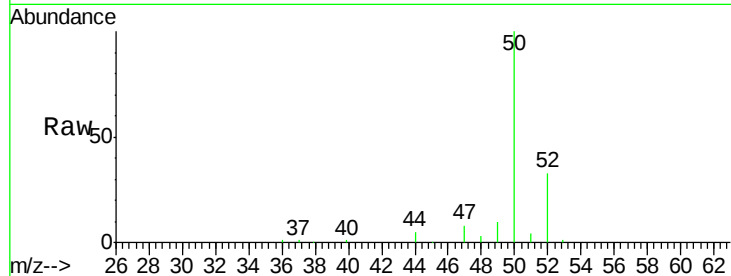
50 100

52 32.8 26.6 40.0

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#4

Vinyl Chloride

Concen: 18.758 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN053312.D

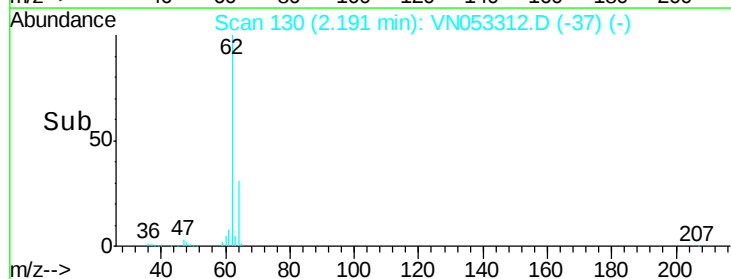
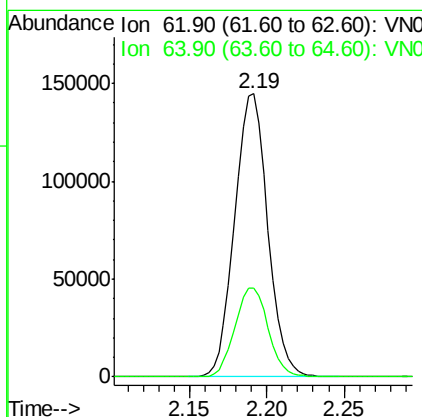
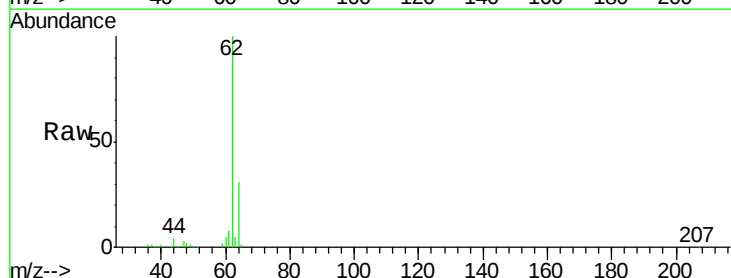
Acq: 8 Jan 2019 12:24

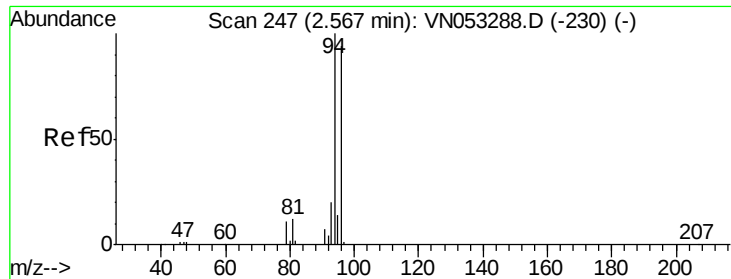
Tgt Ion: 62 Resp: 215270

Ion Ratio Lower Upper

62 100

64 31.5 25.6 38.4





#5

Bromomethane

Concen: 18.369 ug/l

RT: 2.56 min Scan# 246

Delta R.T. -0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0108WBS01

Tot Ion: 94 Resp: 137750

Ion Ratio Lower Upper

94 100

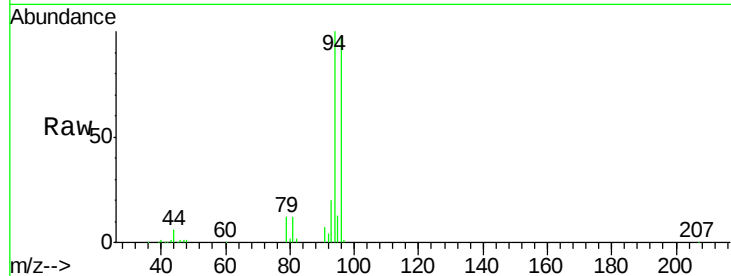
96 97.1 74.9 112.3

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VNC

Ion 95.90 (95.60 to 96.60): VNC

2.56

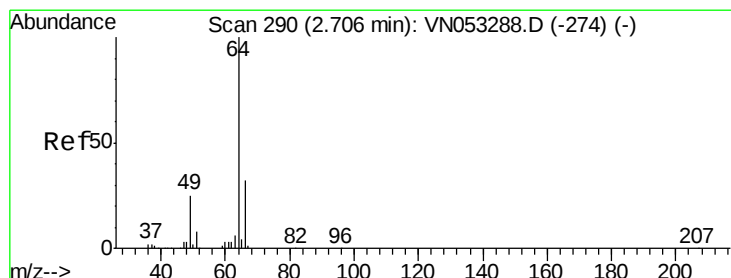
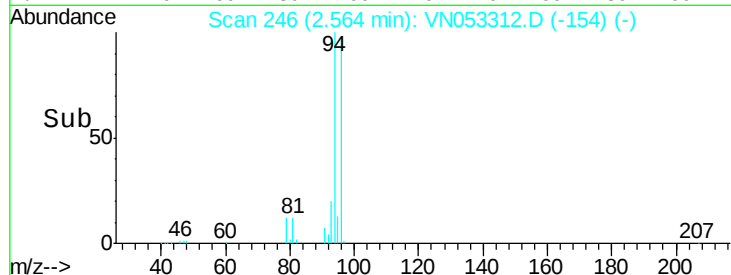
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 17.994 ug/l

RT: 2.71 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN053312.D

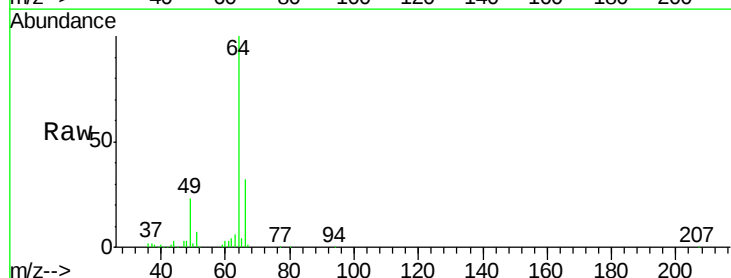
Acq: 8 Jan 2019 12:24

Tgt Ion: 64 Resp: 124643

Ion Ratio Lower Upper

64 100

66 31.9 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VNC

Ion 65.90 (65.60 to 66.60): VNC

2.71

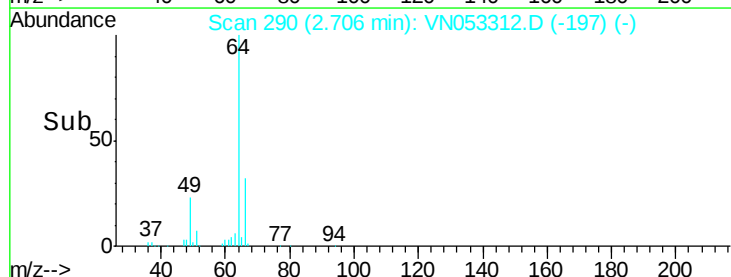
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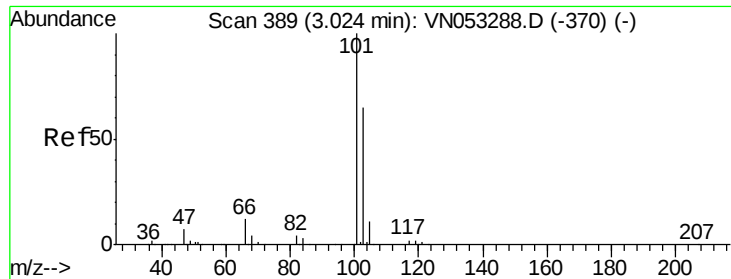
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20000

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Time-->





#7

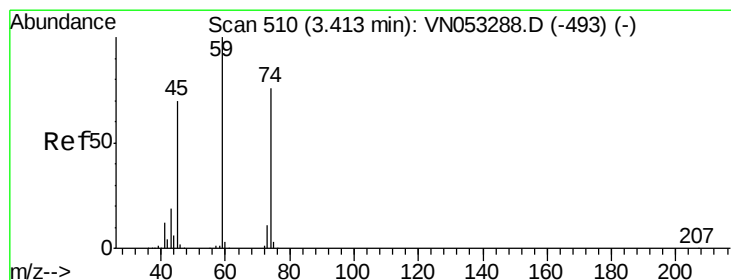
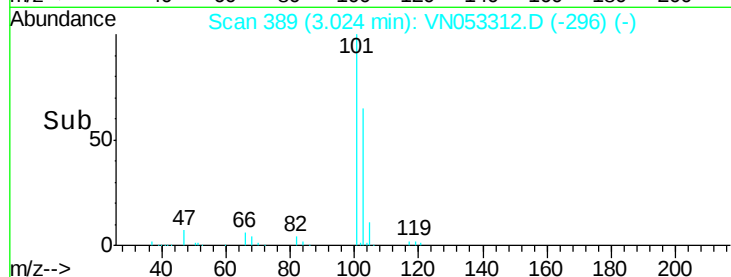
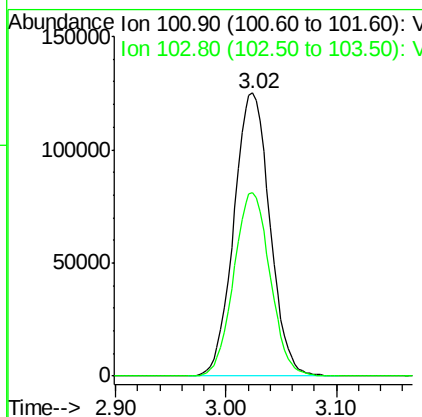
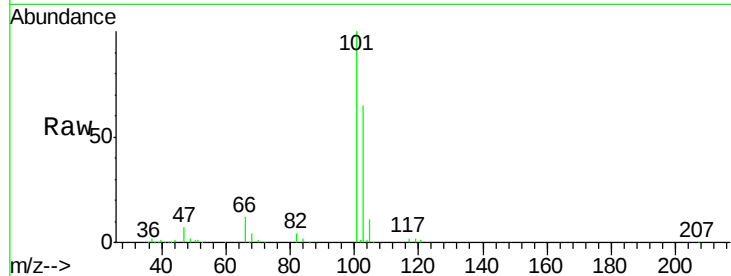
Trichlorofluoromethane
 Concen: 19.052 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VN053312.D
 Acq: 8 Jan 2019 12:24

Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		283213		
103	65.0	52.1	78.1		

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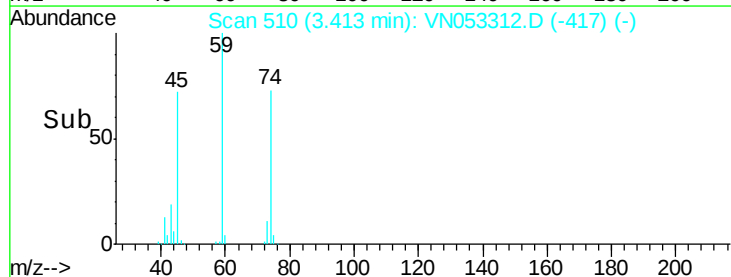
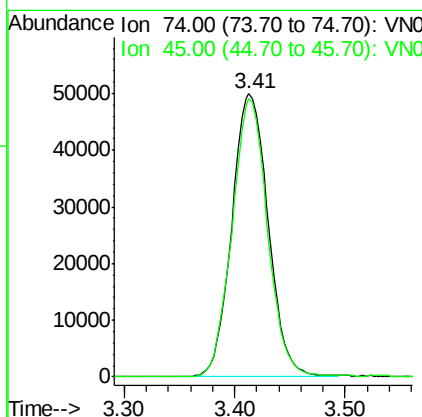
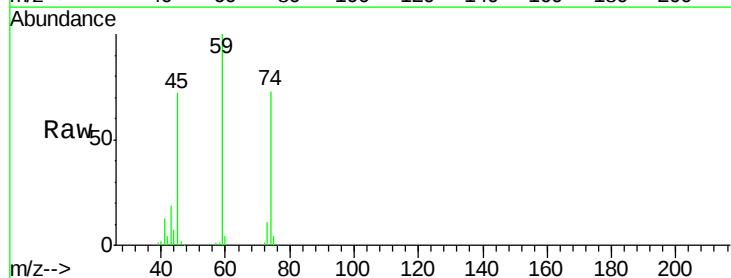
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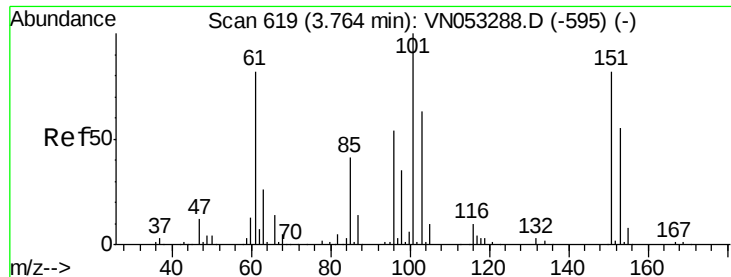


#8

Diethyl Ether
 Concen: 19.608 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN053312.D
 Acq: 8 Jan 2019 12:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		114246		
45	95.8	48.3	144.9		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.050 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Instrument :

MSVOA_N

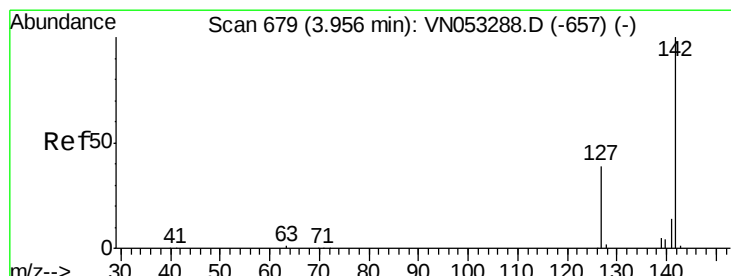
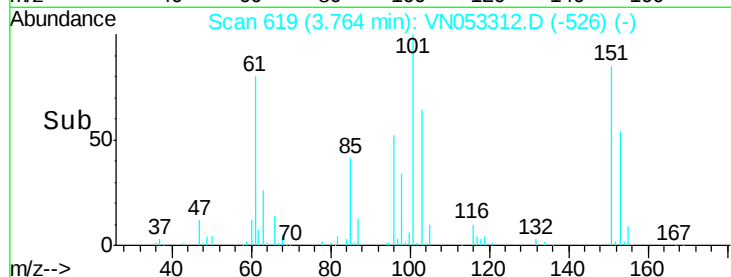
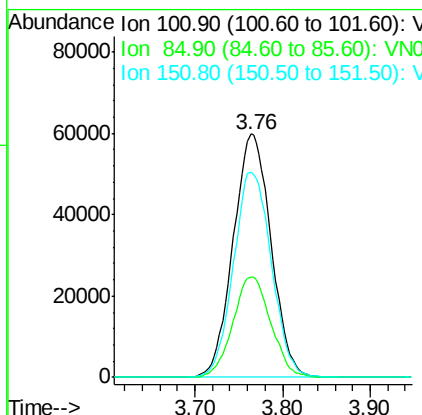
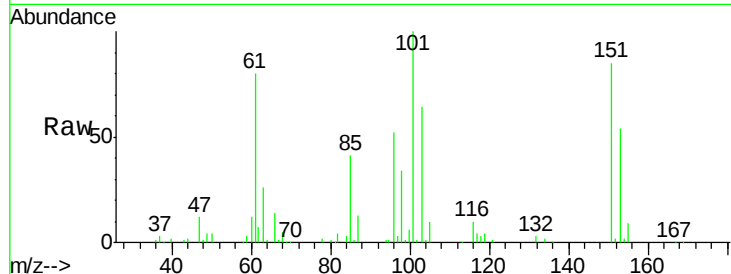
ClientSampleId :

VN0108WBS01

Tot Ion:	101	Resp:	179470
Ion Ratio	Lower	Upper	
101	100		
85	41.5	33.3	49.9
151	84.9	67.0	100.4

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#10

Methyl Iodide

Concen: 20.274 ug/l

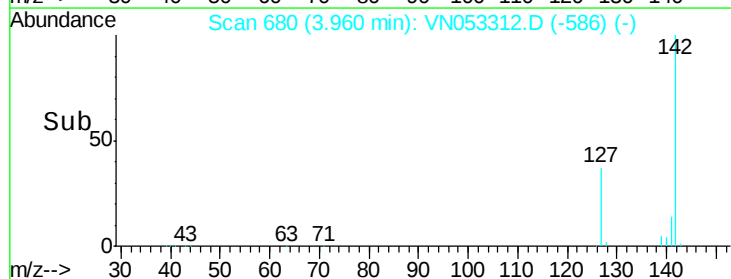
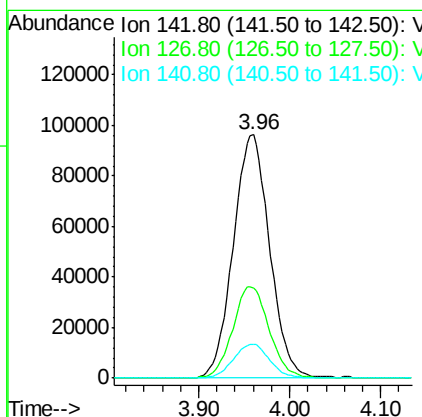
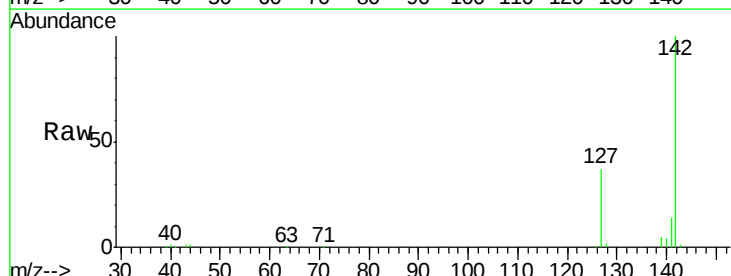
RT: 3.96 min Scan# 680

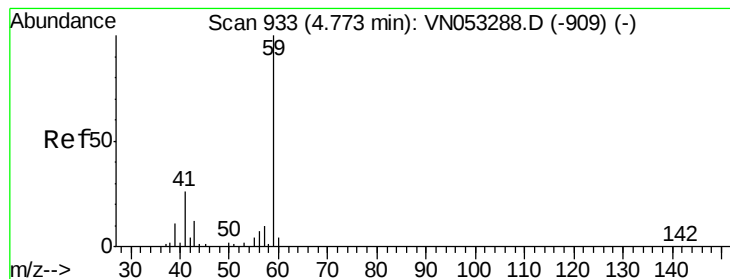
Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Tgt Ion:	142	Resp:	267737
Ion Ratio	Lower	Upper	
142	100		
127	37.7	30.9	46.3
141	14.0	11.2	16.8





#11

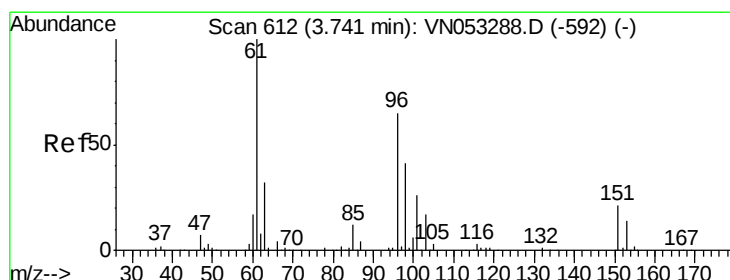
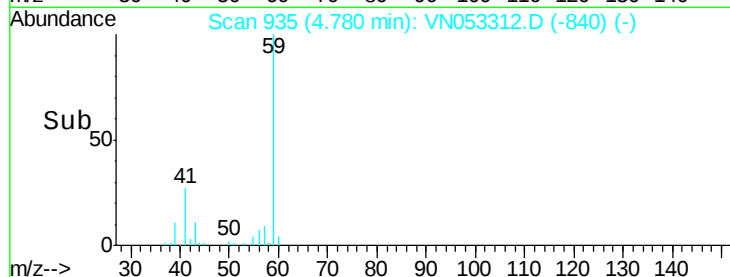
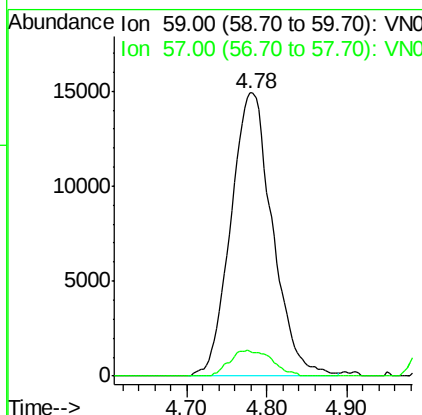
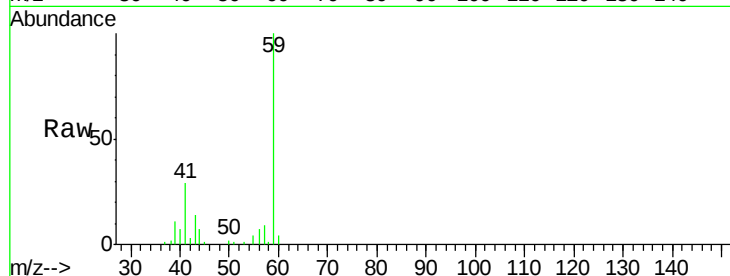
Tert butyl alcohol
 Concen: 86.522 ug/l
 RT: 4.78 min Scan# 935
 Delta R.T. 0.01 min
 Lab File: VN053312.D
 Acq: 8 Jan 2019 12:24

Instrument :
 MSVOA_N
 ClientSampled :
 VN0108WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.4	8.0	12.0

Manual Integrations
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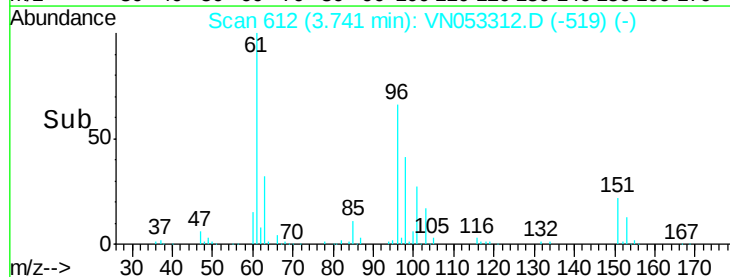
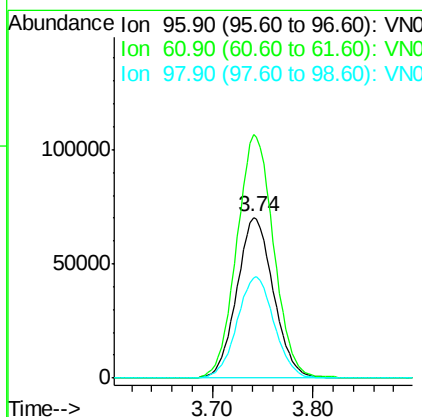
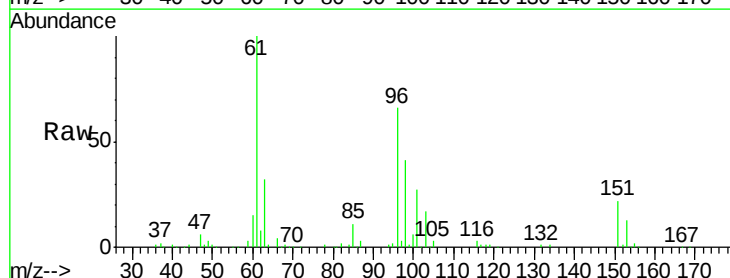
MMDadoda
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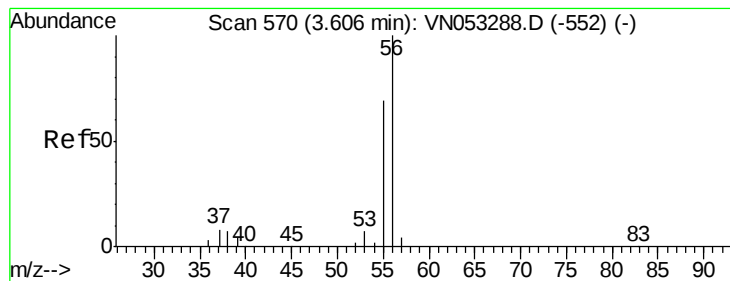


#12

1,1-Dichloroethene
 Concen: 19.385 ug/l
 RT: 3.74 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: VN053312.D
 Acq: 8 Jan 2019 12:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.5	123.2	184.8
98	62.4	50.5	75.7





#13

Acrolein

Concen: 99.363 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0108WBS01

Tot Ion: 56 Resp: 76352

Ion Ratio Lower Upper

56 100

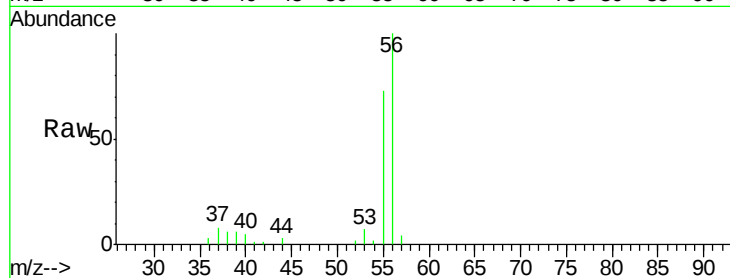
55 71.4 56.3 84.5

Manual Integrations

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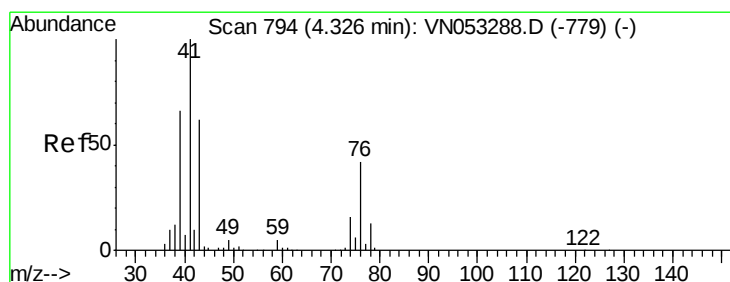
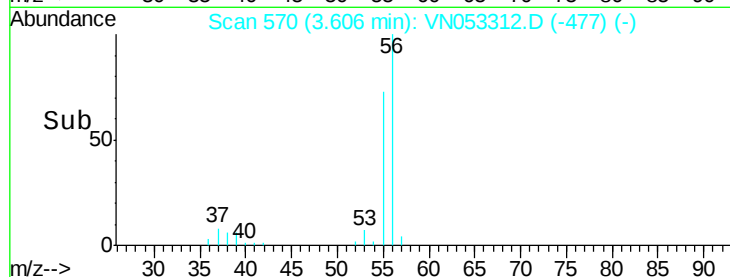
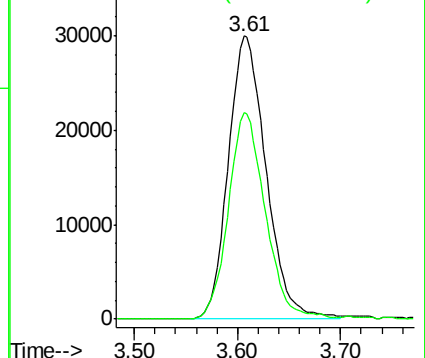
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Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 19.394 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

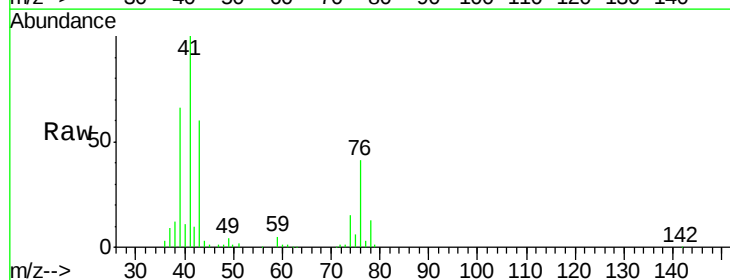
Tgt Ion: 41 Resp: 284847

Ion Ratio Lower Upper

41 100

39 61.6 51.9 77.9

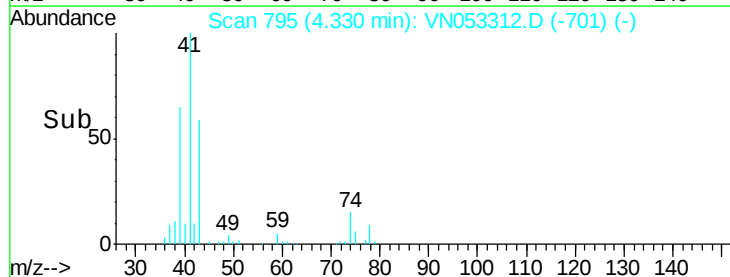
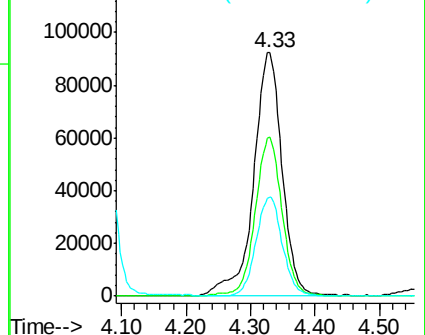
76 36.9 31.2 46.8

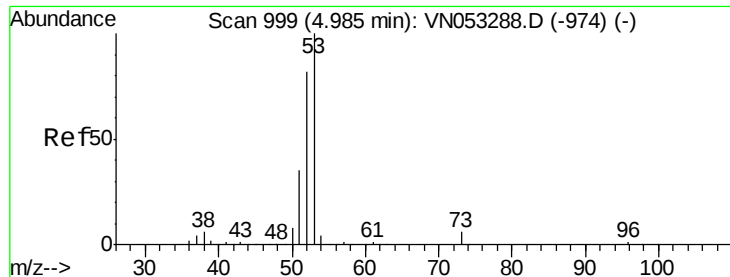


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO





#15

Acrylonitrile

Concen: 96.811 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Instrument :

MSVOA_N

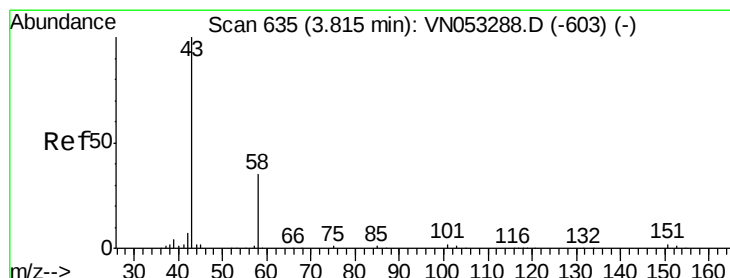
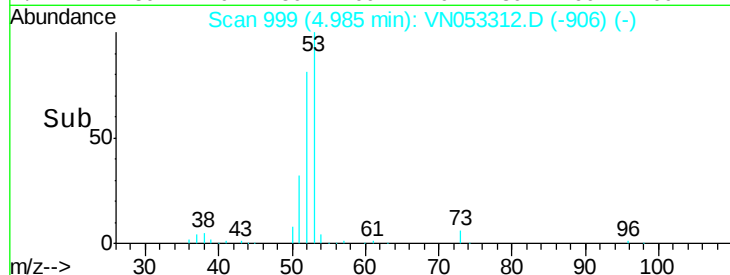
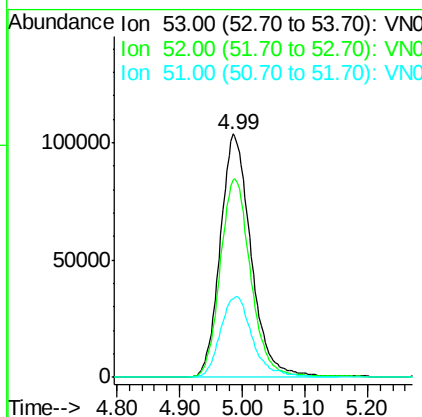
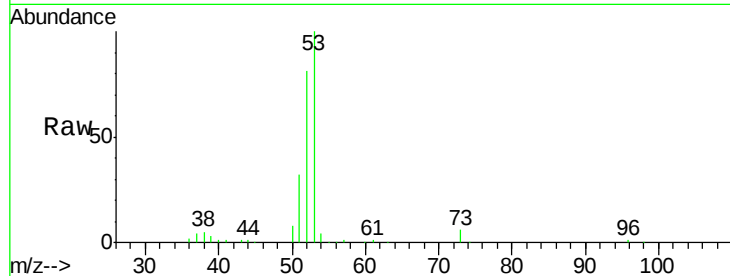
ClientSampled :

VN0108WBS01

Tot Ion:	53	Resp:	353195
Ion	Ratio	Lower	Upper
53	100		
52	80.6	65.2	97.8
51	34.6	28.0	42.0

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#16

Acetone

Concen: 91.918 ug/l

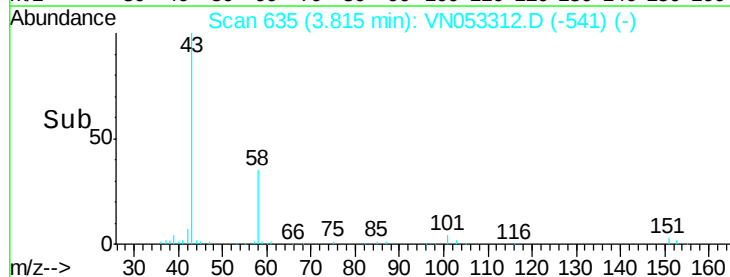
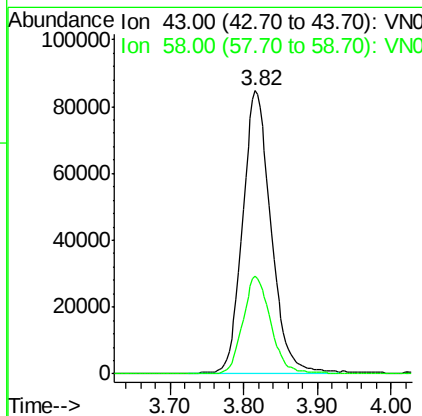
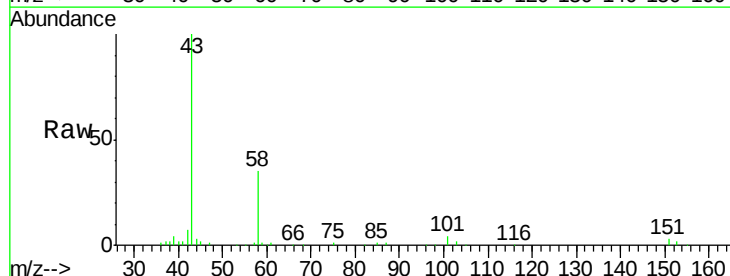
RT: 3.82 min Scan# 635

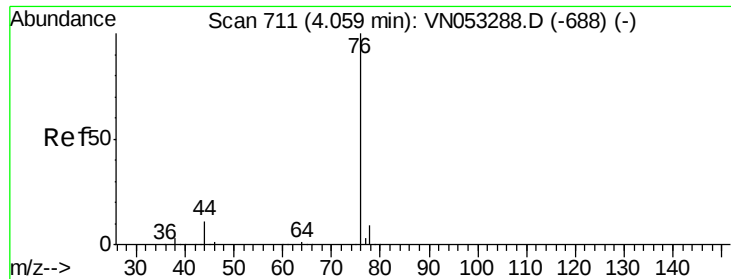
Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Tgt Ion:	43	Resp:	228233
Ion	Ratio	Lower	Upper
43	100		
58	34.7	27.8	41.6





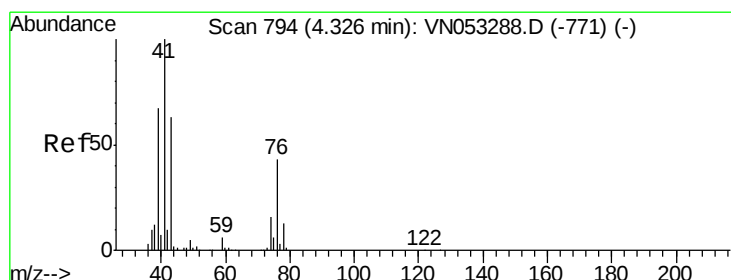
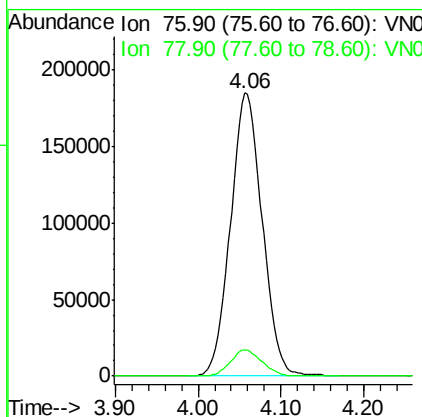
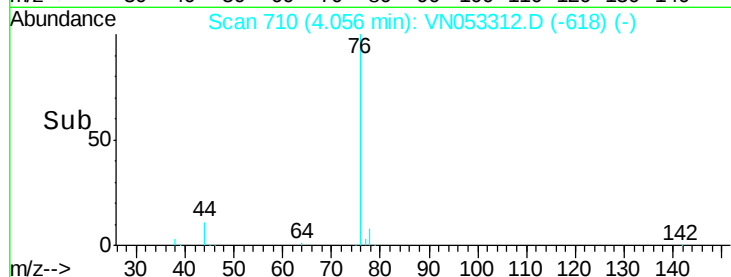
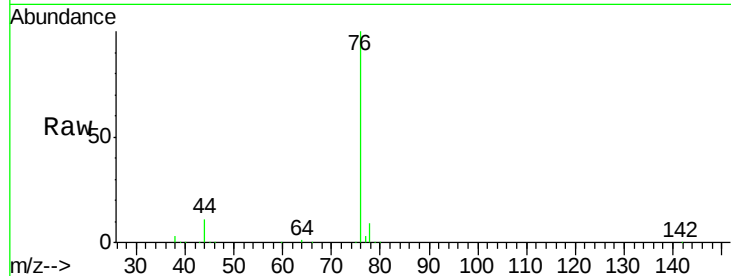
#17
Carbon Disulfide
Concen: 17.529 ug/l
RT: 4.06 min Scan# 710
Delta R.T. -0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0108WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.2	10.8

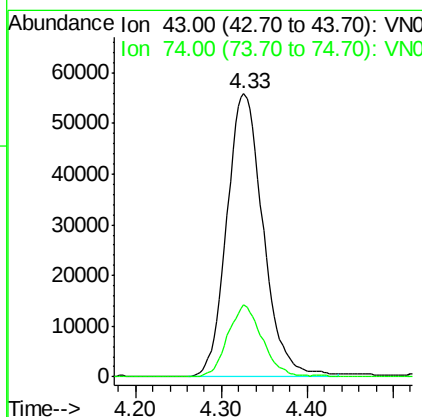
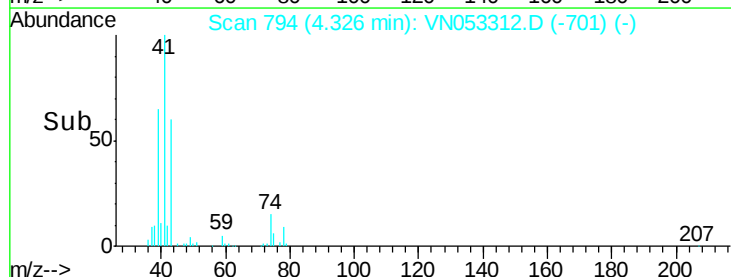
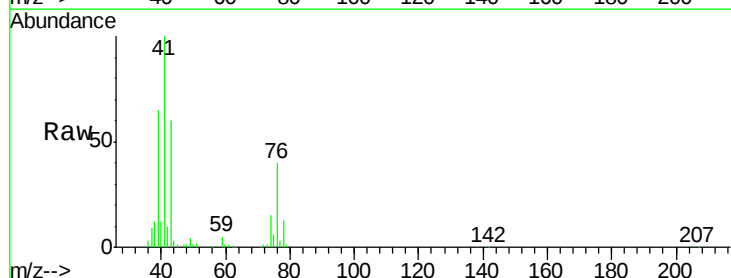
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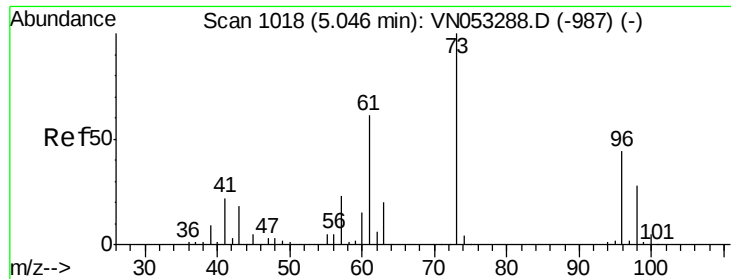
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#18
Methyl Acetate
Concen: 17.896 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	19.8	29.8





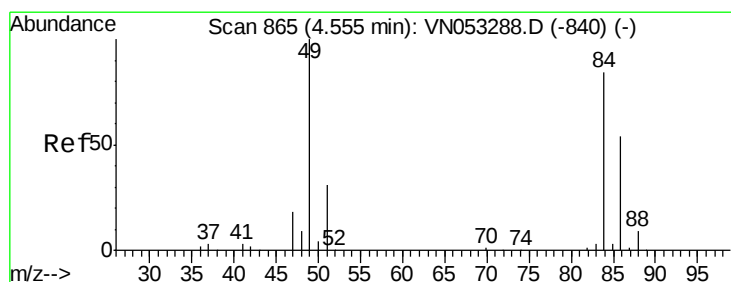
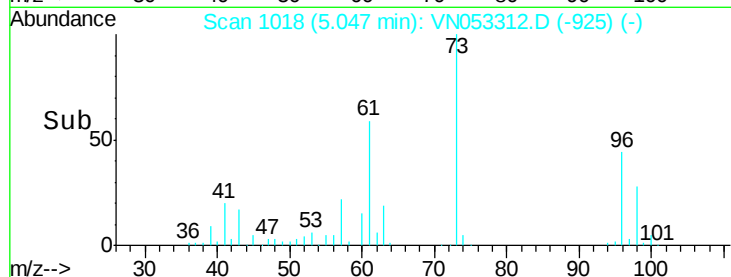
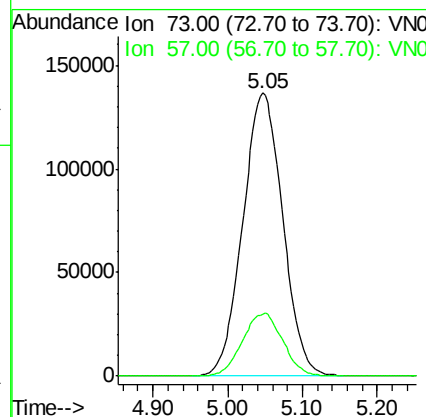
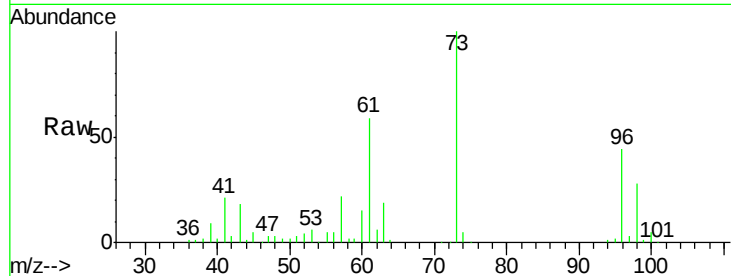
#19
Methvl tert-butvl Ether
Concen: 19.822 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0108WBS01

Tot Ion: 73 Resp: 506967
Ion Ratio Lower Upper
73 100
57 22.1 18.5 27.7

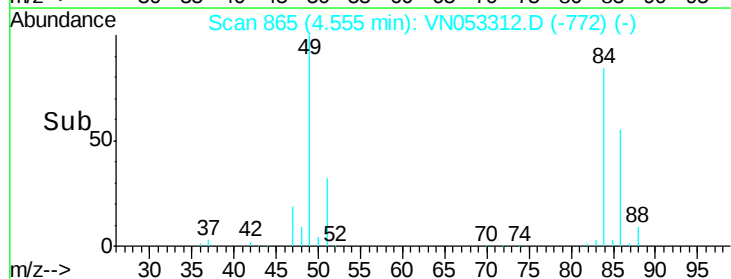
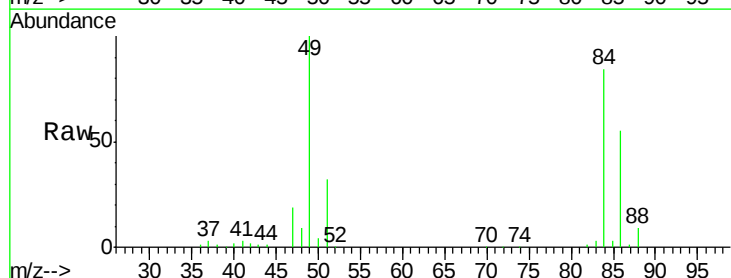
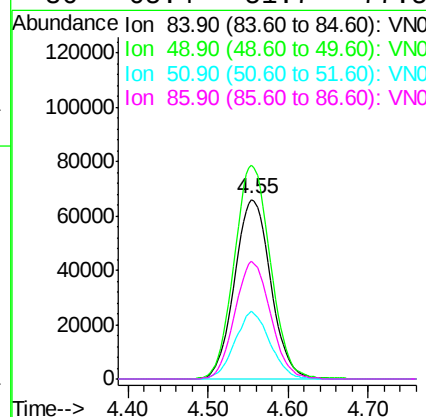
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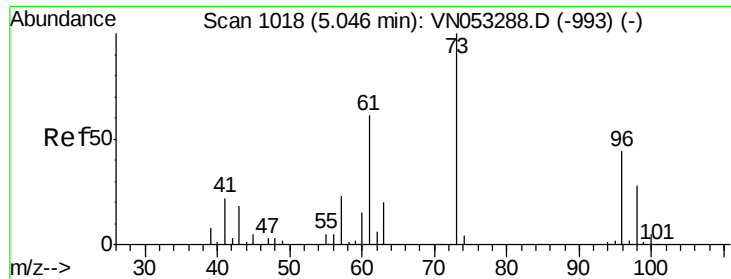
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#20
Methylene Chloride
Concen: 18.515 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Tgt Ion: 84 Resp: 202055
Ion Ratio Lower Upper
84 100
49 119.0 95.3 142.9
51 37.6 29.0 43.6
86 65.4 51.7 77.5





#21

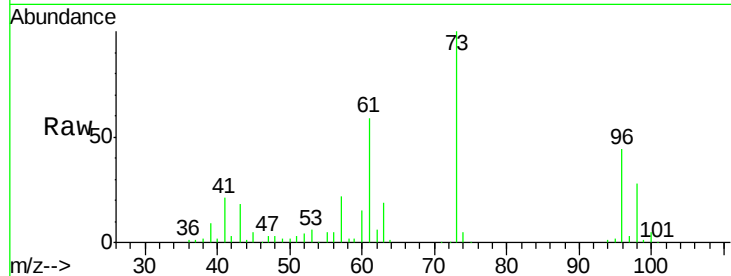
trans-1,2-Dichloroethene
Concen: 19.350 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Instrument :
MSVOA_N
ClientSampled :
VN0108WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.1	110.2	165.4
98	65.3	50.7	76.1

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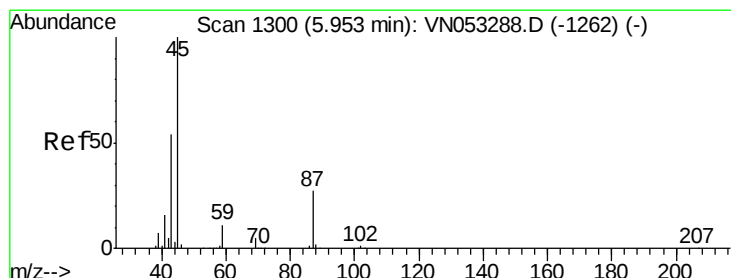
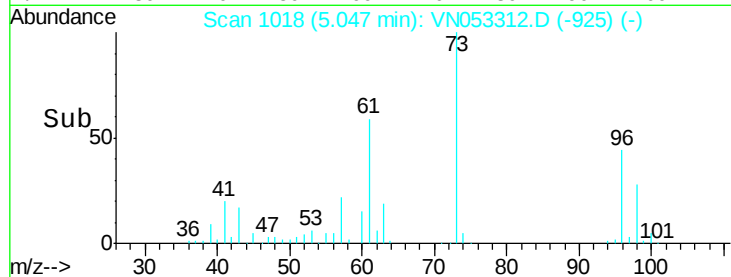
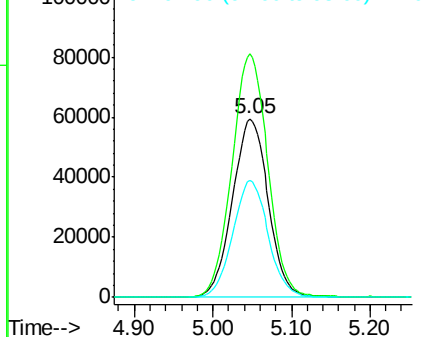


Abundance

Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO



#22

Diisopropyl ether
Concen: 19.503 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Tgt Ion	Ratio	Lower	Upper
45	100		
43	56.1	43.0	64.6
87	28.4	22.1	33.1
59	11.7	9.0	13.4

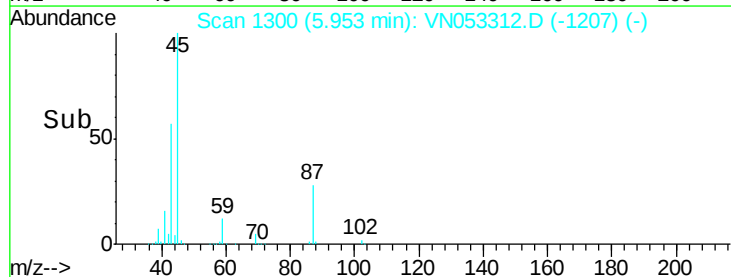
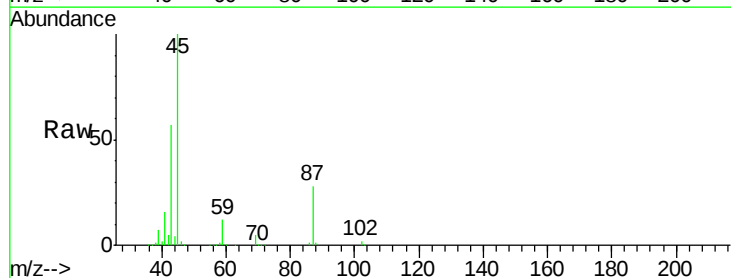
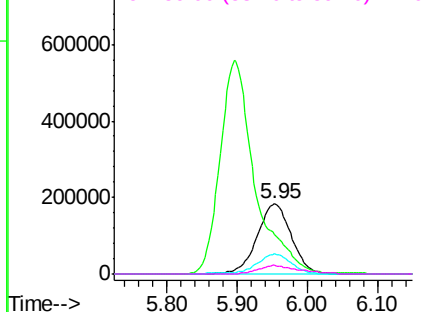
Abundance

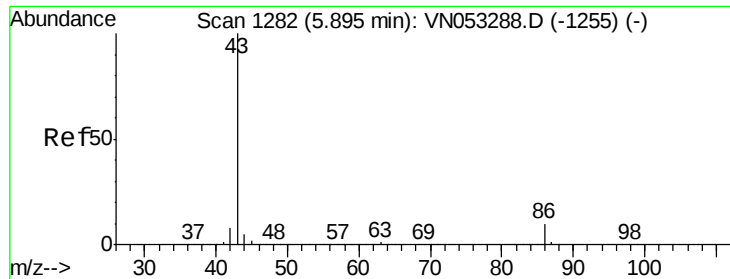
Ion 45.00 (44.70 to 45.70): VNO

Ion 43.00 (42.70 to 43.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

Ion 59.00 (58.70 to 59.70): VNO





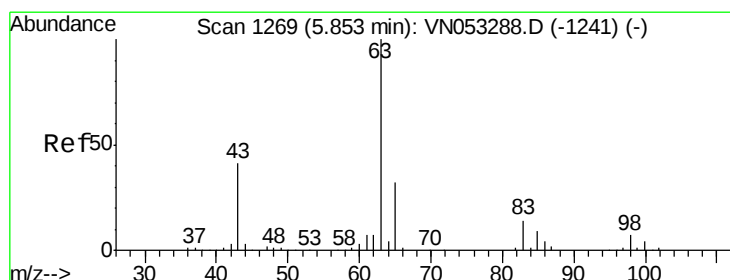
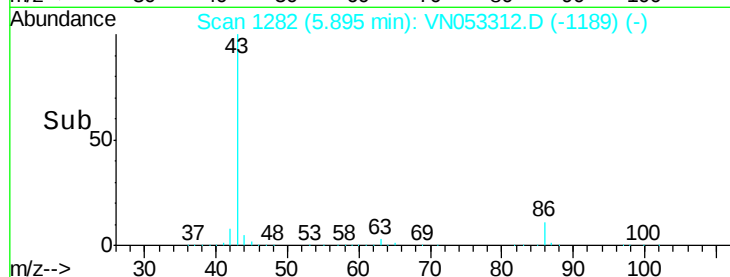
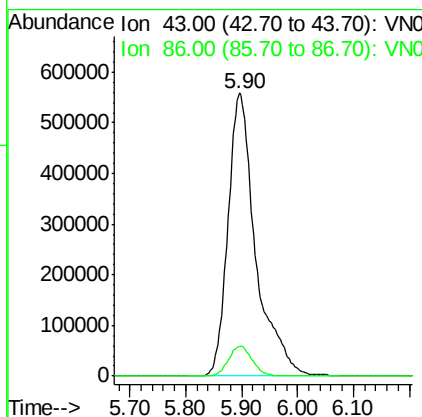
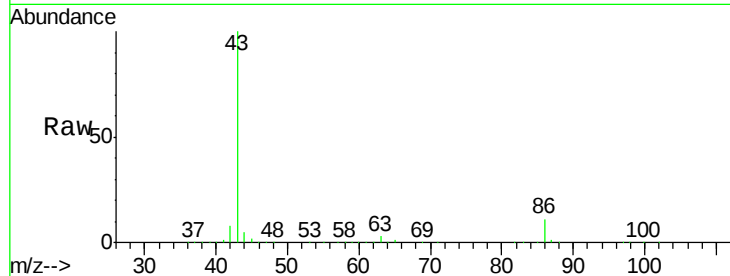
#23
 Vinyl Acetate
 Concen: 97.053 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN053312.D
 Acq: 8 Jan 2019 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0108WBS01

Tot Ion: 43 Resp: 1932229
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.4 12.6

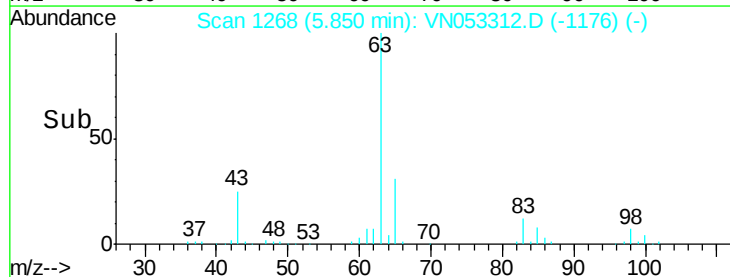
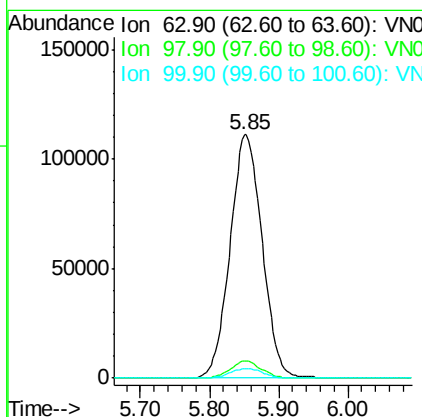
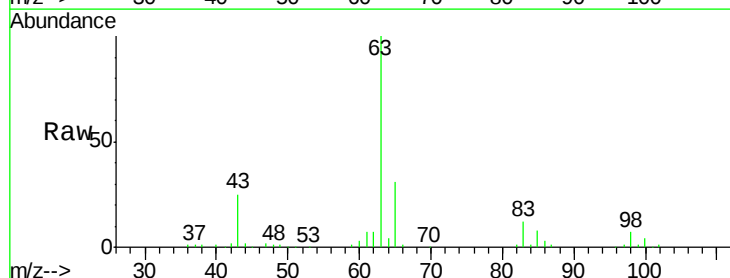
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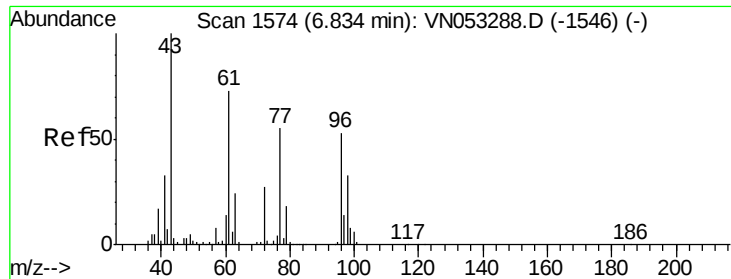
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#24
 1,1-Dichloroethane
 Concen: 19.616 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VN053312.D
 Acq: 8 Jan 2019 12:24

Tgt Ion: 63 Resp: 357970
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.3 9.8
 100 3.9 2.1 6.5





#25

2-Butanone

Concen: 92.545 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Instrument :

MSVOA_N

ClientSampled :

VN0108WBS01

Tot Ion: 43 Resp: 385780

Ion Ratio Lower Upper

43 100

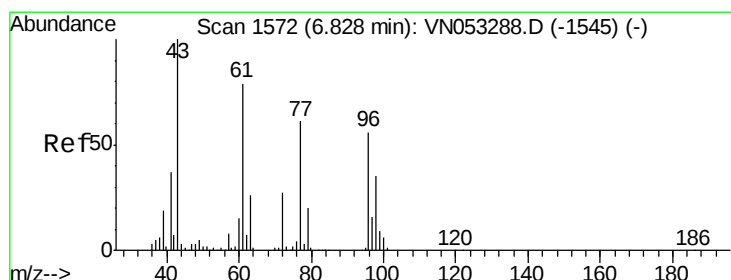
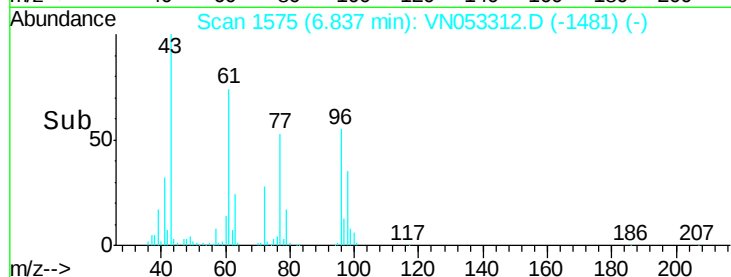
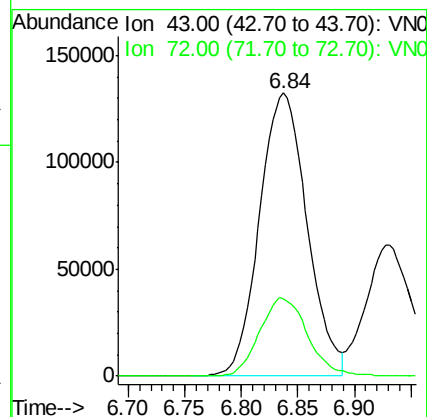
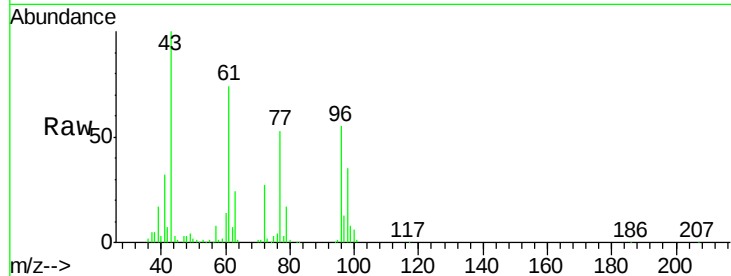
72 27.5 22.0 33.0

Manual Integrations

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MMDadoda

1/9/2019 10:57:46 AM



#26

2,2-Dichloropropane

Concen: 18.757 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN053312.D

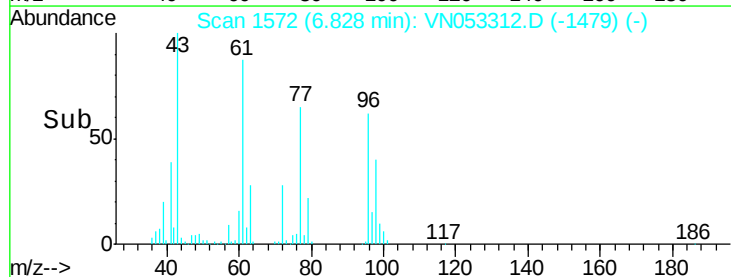
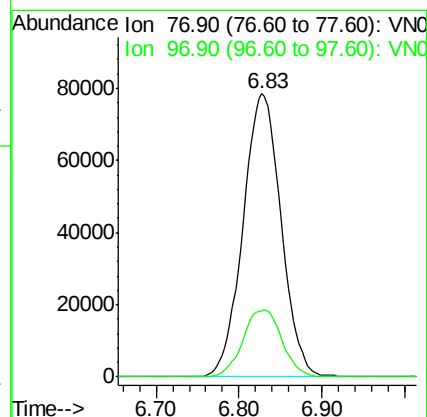
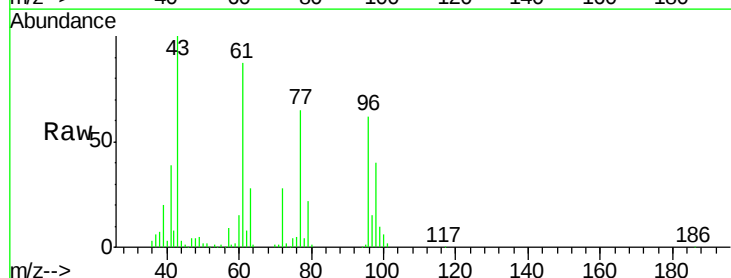
Acq: 8 Jan 2019 12:24

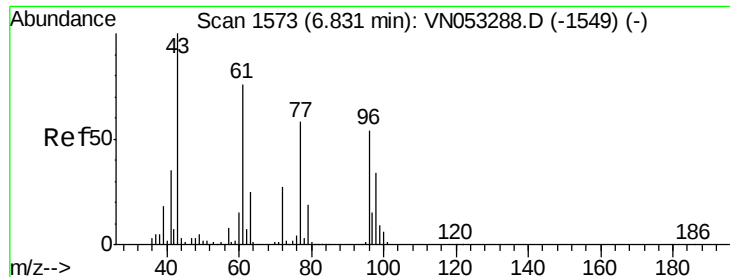
Tgt Ion: 77 Resp: 250214

Ion Ratio Lower Upper

77 100

97 24.3 12.3 36.9





#27

cis-1,2-Dichloroethene

Concen: 19.666 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Instrument :

MSVOA_N

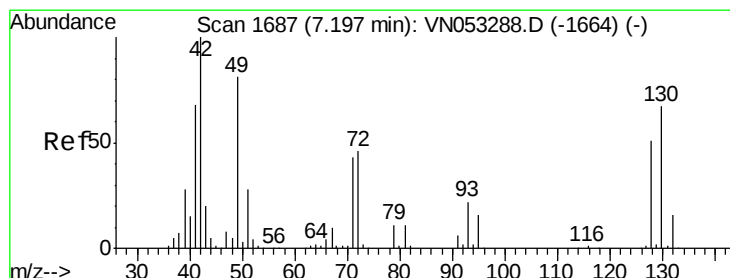
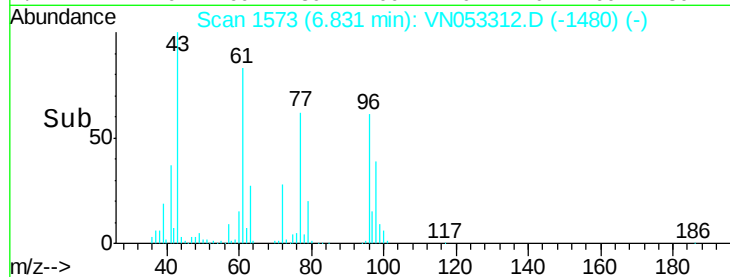
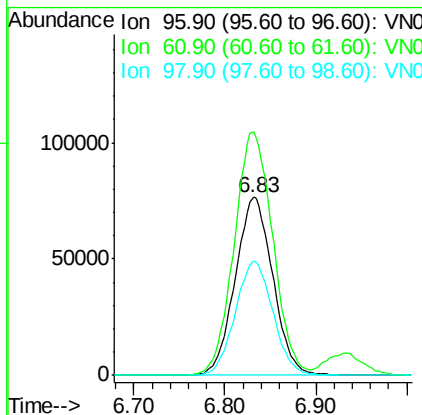
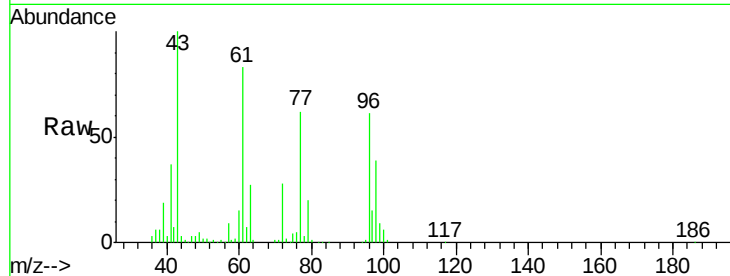
ClientSampled :

VN0108WBS01

Tot Ion:	96	Resp:	219744
Ion	Ratio	Lower	Upper
96	100		
61	140.5	0.0	280.6
98	64.3	0.0	127.6

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#28

Bromochloromethane

Concen: 20.646 ug/l

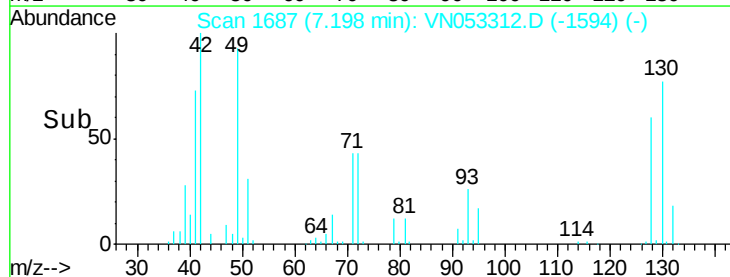
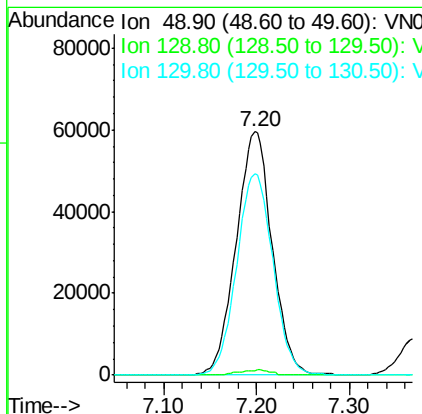
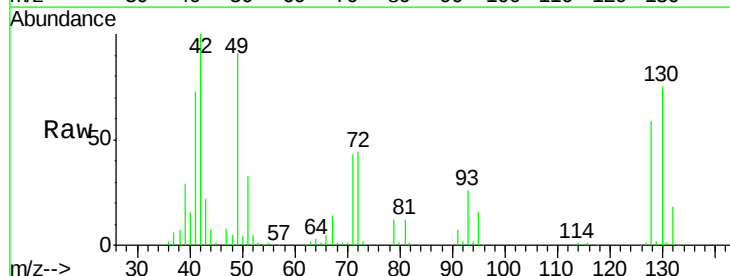
RT: 7.20 min Scan# 1687

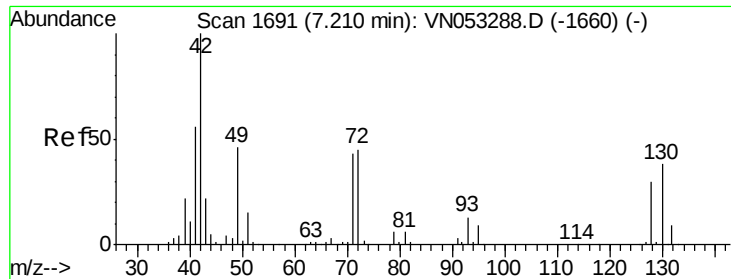
Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Tgt Ion:	49	Resp:	160556
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	83.5	65.4	98.0





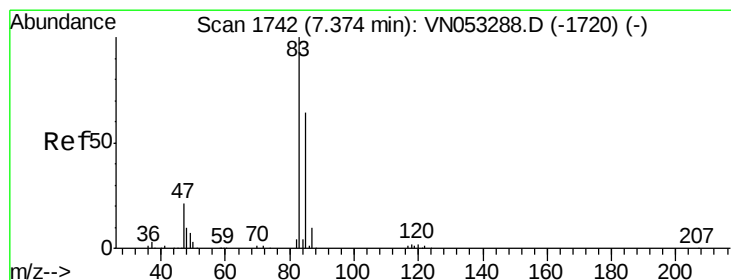
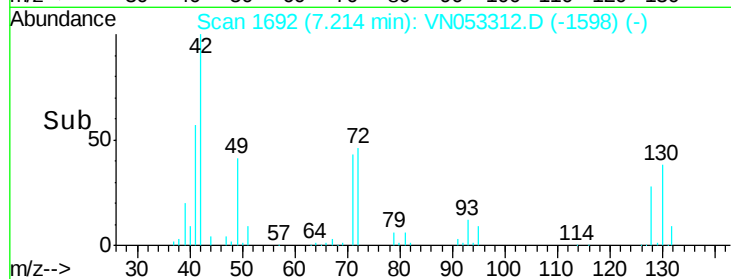
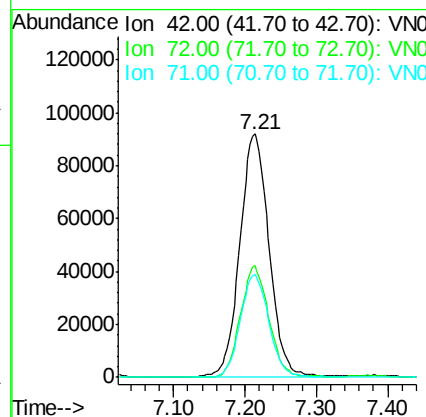
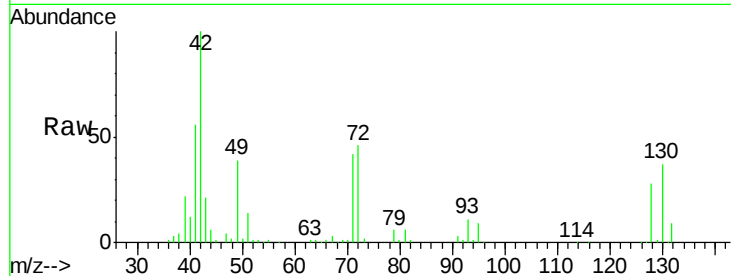
#29
Tetrahydrofuran
Concen: 95.652 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Instrument :
MSVOA_N
ClientSampled :
VN0108WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.2	35.6	53.4
71	41.2	33.8	50.8

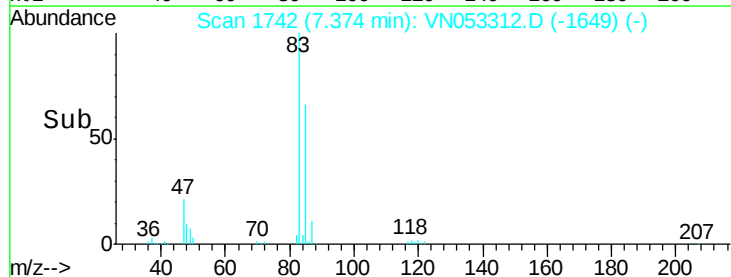
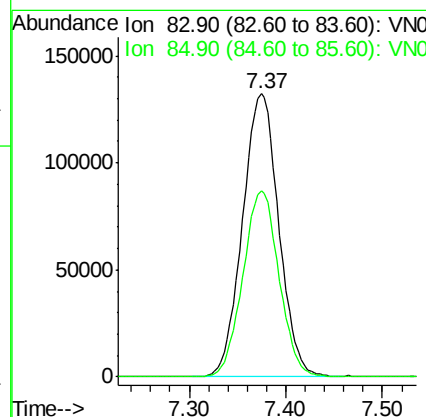
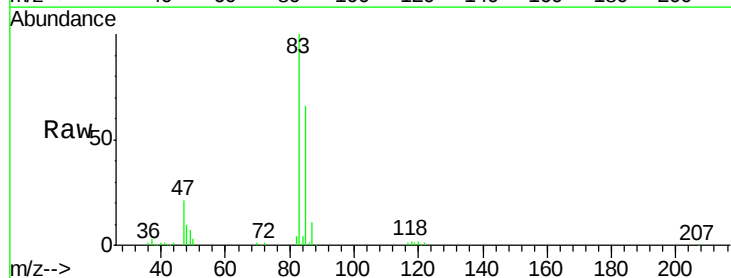
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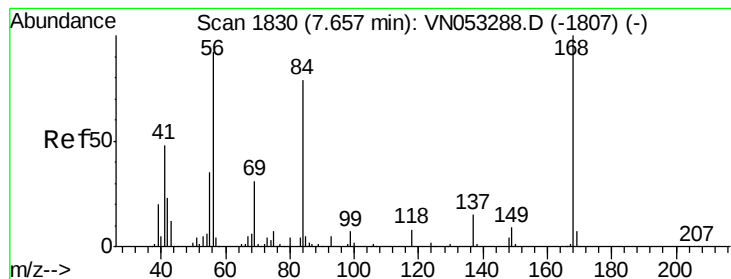
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#30
Chloroform
Concen: 19.174 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.3	76.9





#31

Cyclohexane

Concen: 19.552 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Instrument :

MSVOA_N

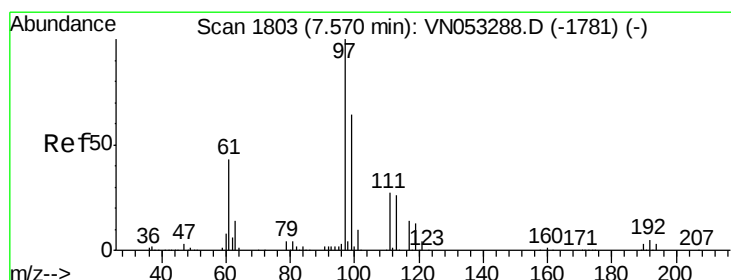
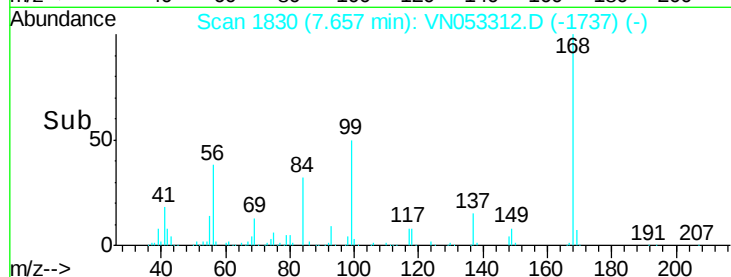
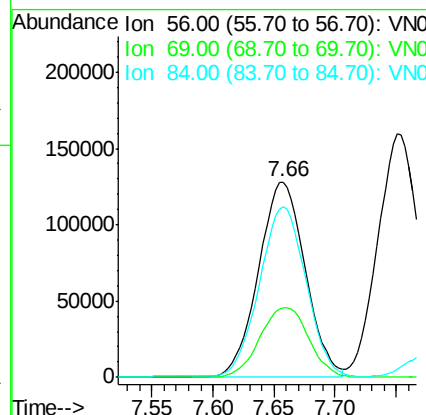
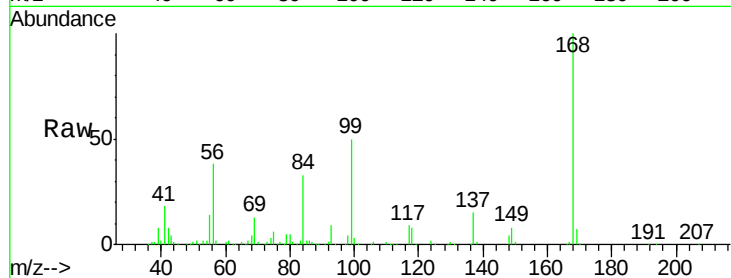
ClientSampled :

VN0108WBS01

Tot Ion:	56	Resp:	341118
Ion Ratio	Lower	Upper	
56	100		
69	35.3	26.7	40.1
84	86.4	68.2	102.4

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#32

1,1,1-Trichloroethane

Concen: 19.252 ug/l

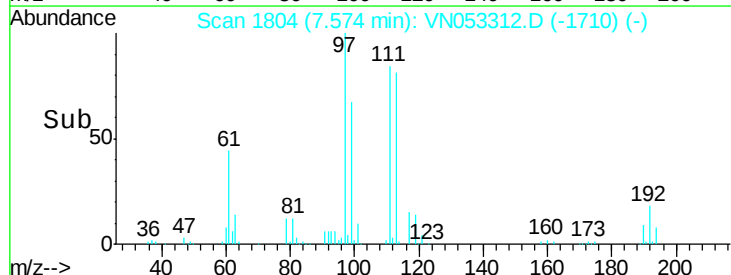
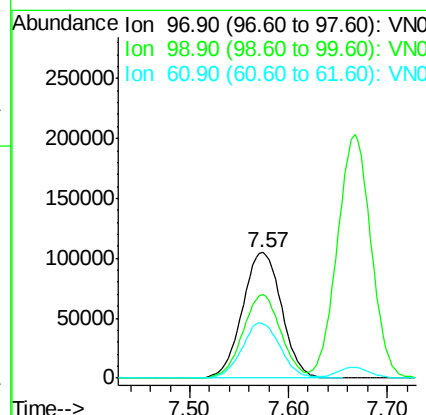
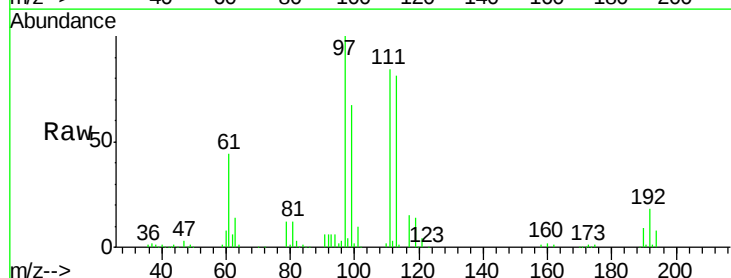
RT: 7.57 min Scan# 1804

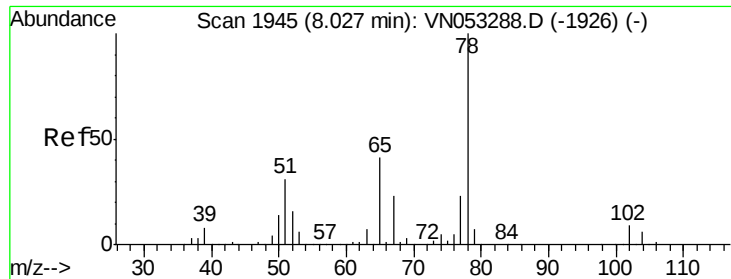
Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Tgt Ion:	97	Resp:	288157
Ion Ratio	Lower	Upper	
97	100		
99	64.4	51.6	77.4
61	42.8	34.6	52.0





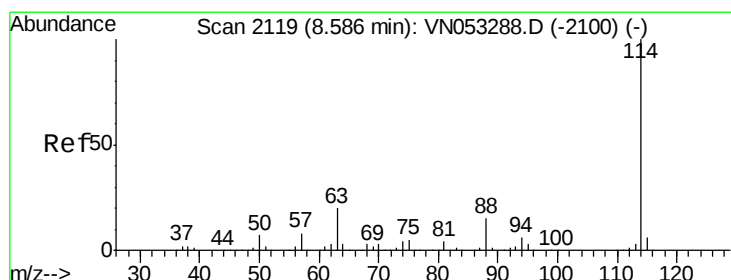
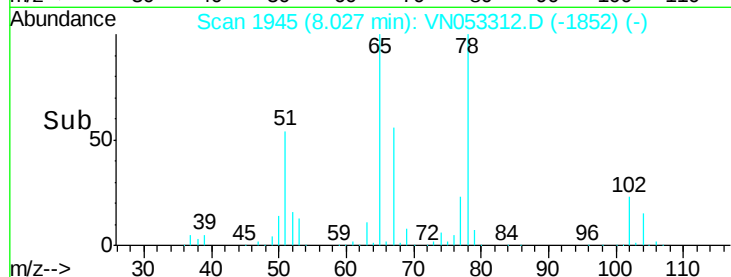
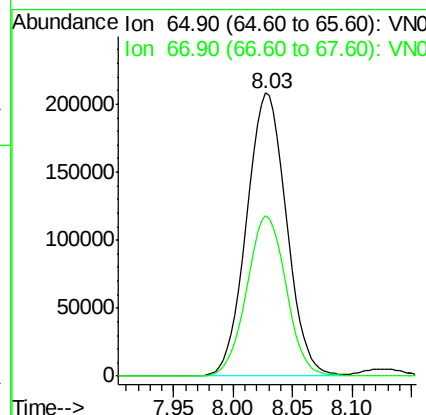
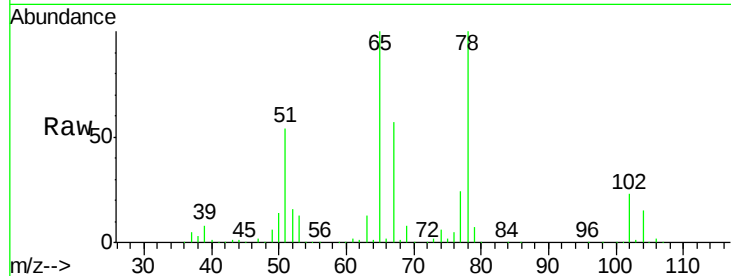
#33
 1,2-Dichloroethane-d4
 Concen: 19.252 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053312.D
 Acq: 8 Jan 2019 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0108WBS01

Tot Ion: 65 Resp: 484104
 Ion Ratio Lower Upper
 65 100
 67 56.0 0.0 111.0

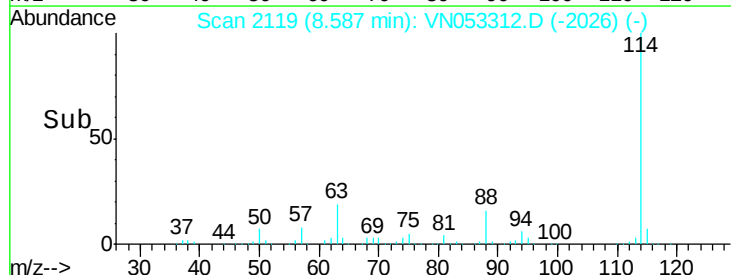
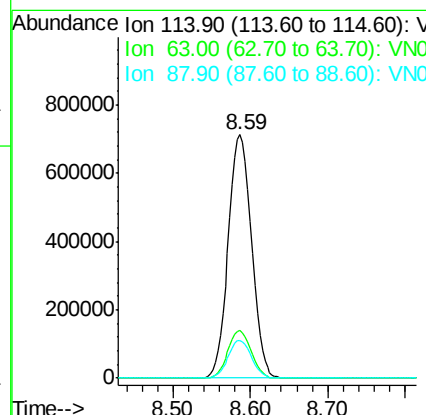
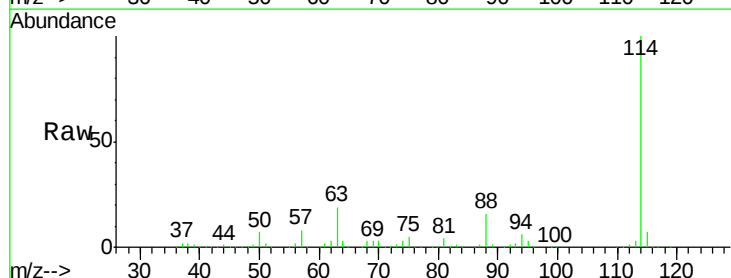
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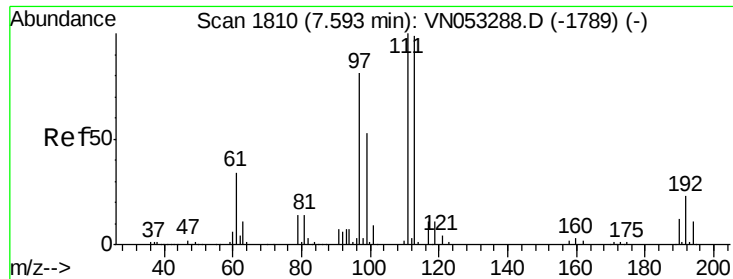
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053312.D
 Acq: 8 Jan 2019 12:24

Tgt Ion: 114 Resp: 1492325
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.5 0.0 30.8





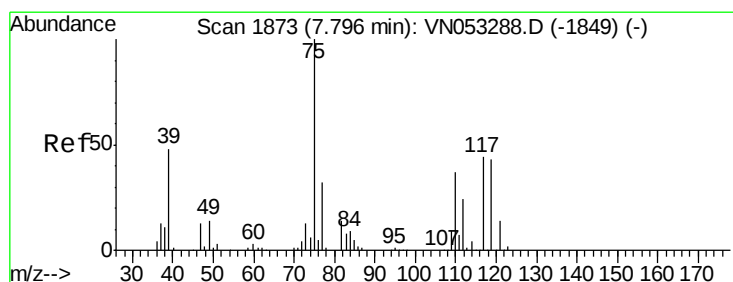
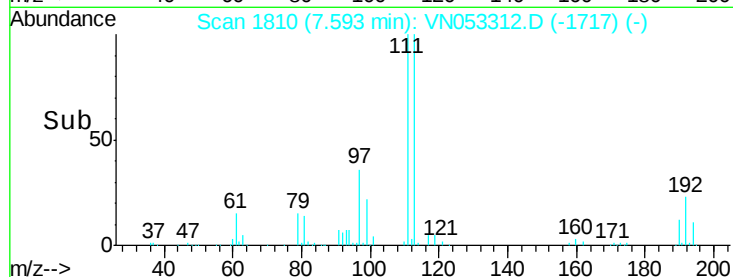
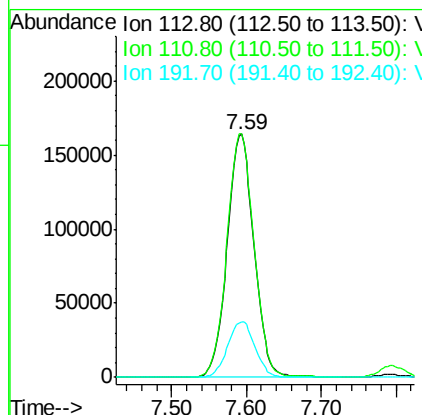
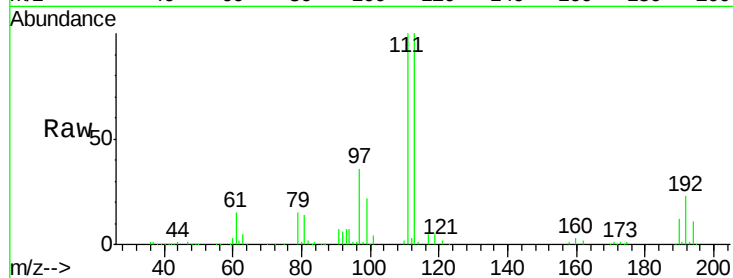
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Instrument :
MSVOA_N
ClientSampled :
VN0108WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	100.6	81.4	122.2	
192	23.4	17.9	26.9	

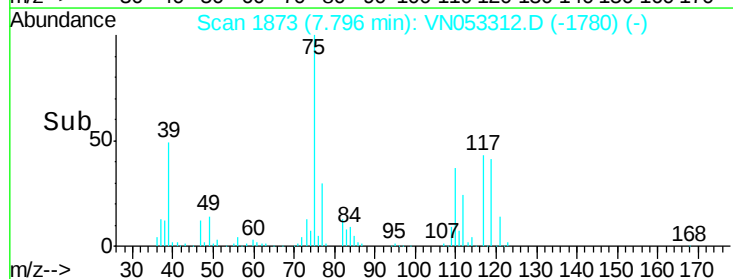
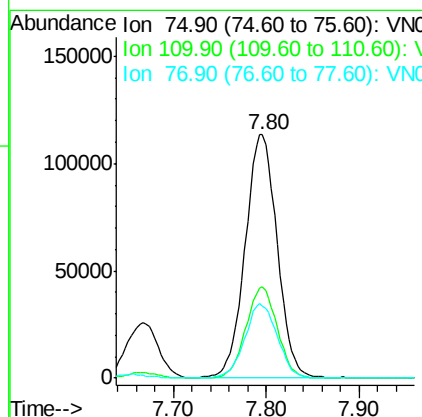
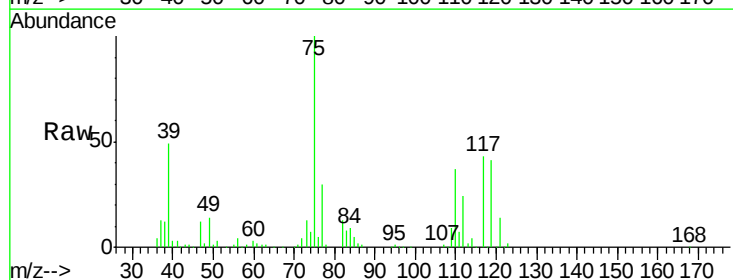
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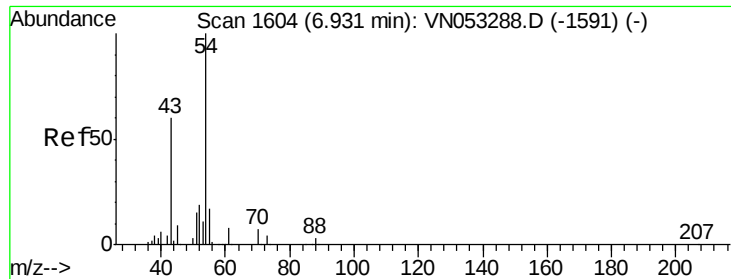
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#36
1,1-Dichloropropene
Concen: 19.432 ug/l
RT: 7.80 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	36.8	18.4	55.0	
77	30.6	25.3	37.9	





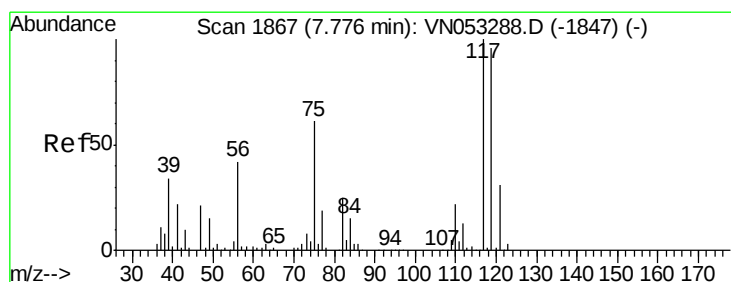
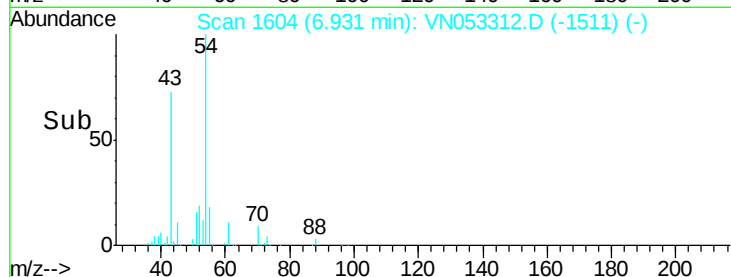
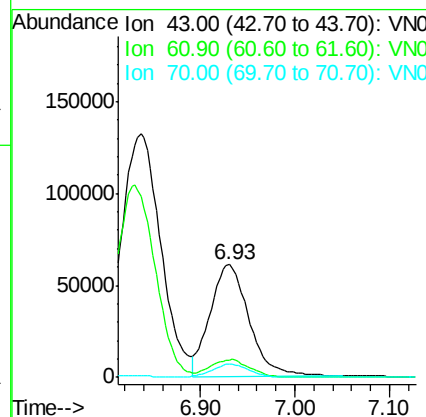
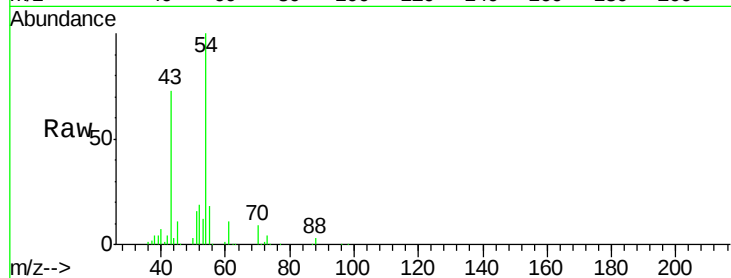
#37
Ethyl Acetate
Concen: 19.161 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0108WBS01

Tot Ion	43	Resp	173883
Ion Ratio	100	Lower	Upper
43	100		
61	15.2	11.9	17.9
70	11.2	8.6	13.0

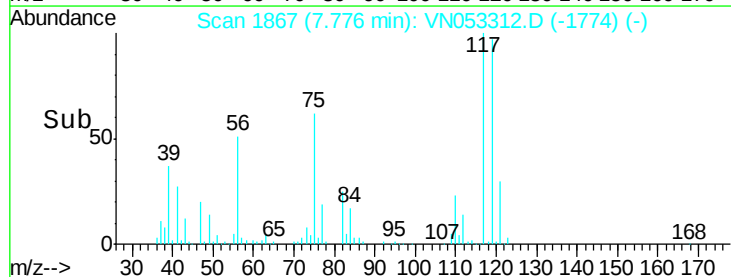
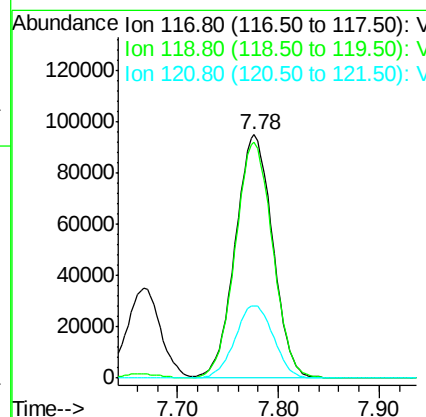
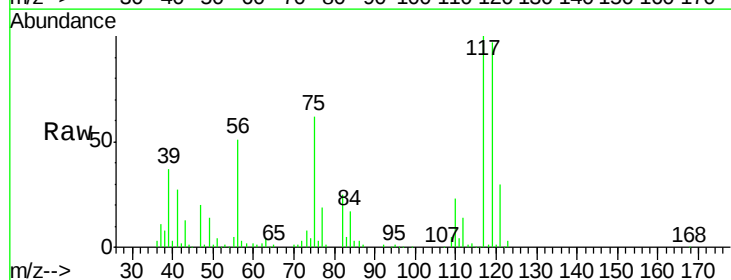
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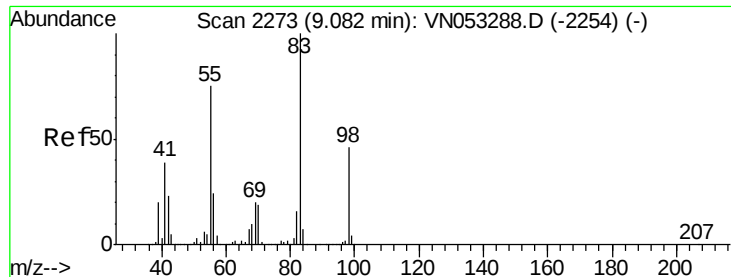
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#38
Carbon Tetrachloride
Concen: 18.868 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Tgt Ion	117	Resp	242624
Ion Ratio	100	Lower	Upper
117	100		
119	96.6	76.6	115.0
121	29.9	25.0	37.4





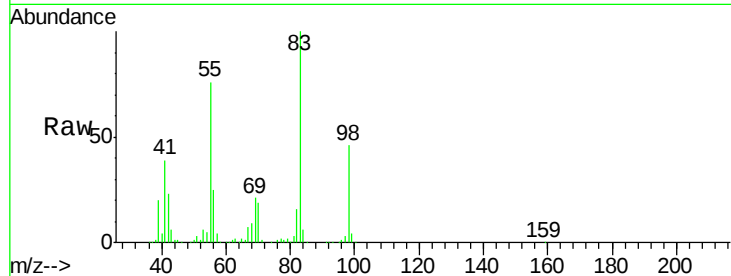
#39
Methvlcvclohexane
Concen: 18.552 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Instrument :
MSVOA_N
ClientSampled :
VN0108WBS01

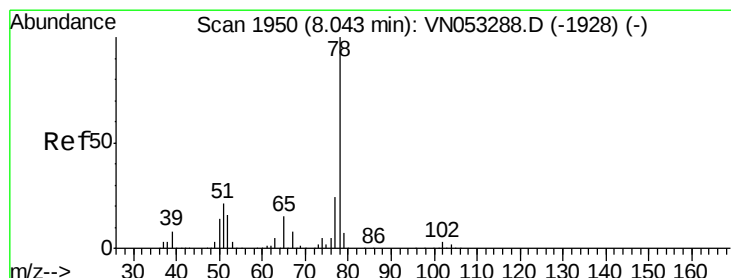
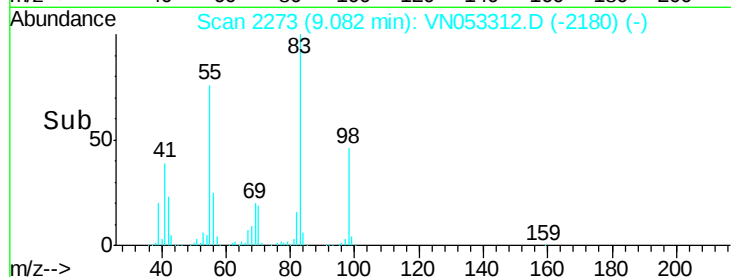
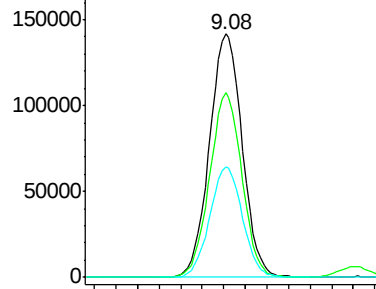
Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	75.5	60.1	90.1	
98	45.5	36.7	55.1	

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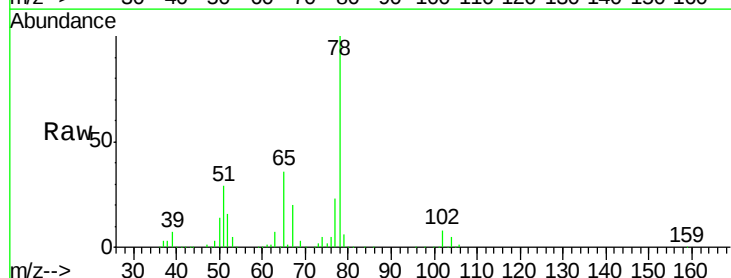


Abundance Ion 83.00 (82.70 to 83.70): VNO
Ion 55.00 (54.70 to 55.70): VNO
Ion 98.00 (97.70 to 98.70): VNO

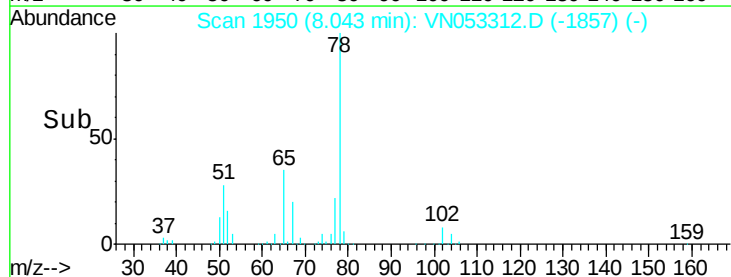
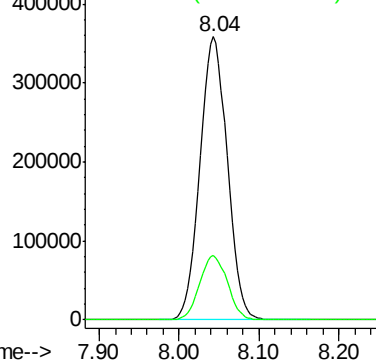


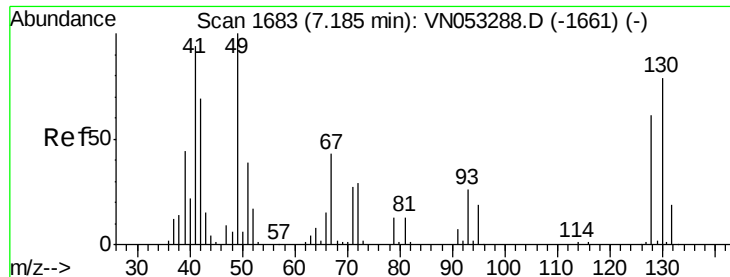
#40
Benzene
Concen: 19.560 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	22.6	19.0	28.4	



Abundance Ion 78.00 (77.70 to 78.70): VNO
Ion 77.00 (76.70 to 77.70): VNO





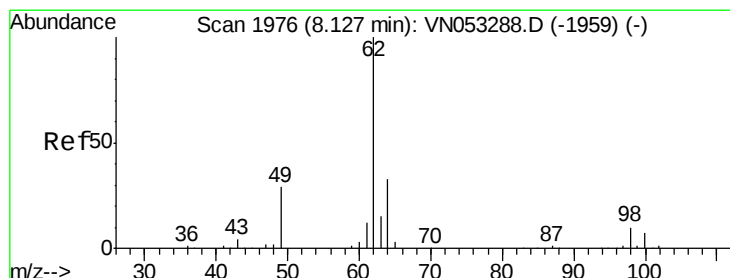
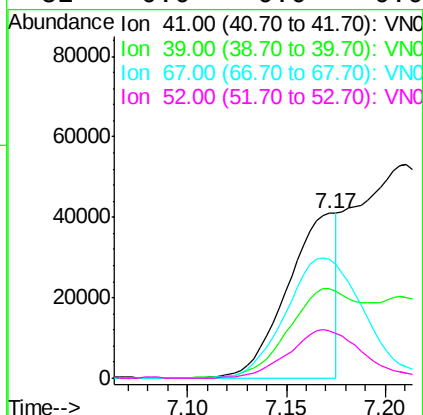
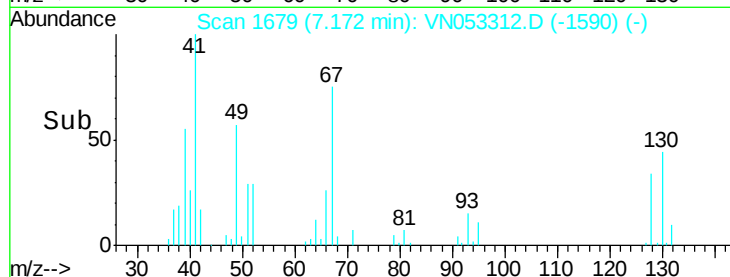
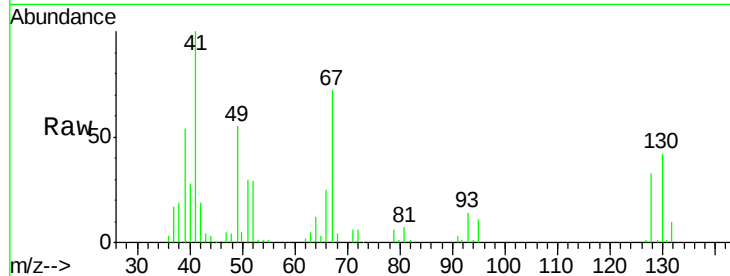
#41
Methacrylonitrile
Concen: 12.705 ug/l m
RT: 7.17 min Scan# 1679
Delta R.T. -0.01 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Instrument :
MSVOA_N
ClientSampled :
VN0108WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	0.0	0.0	0.0	
67	0.0	0.0	0.0	
52	0.0	0.0	0.0	

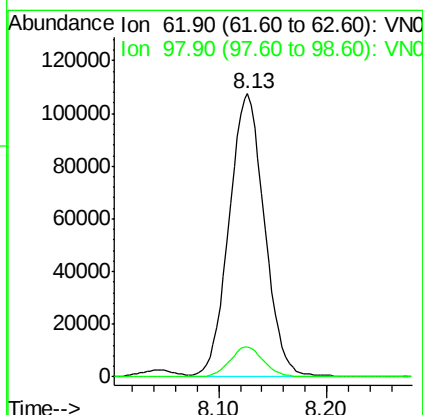
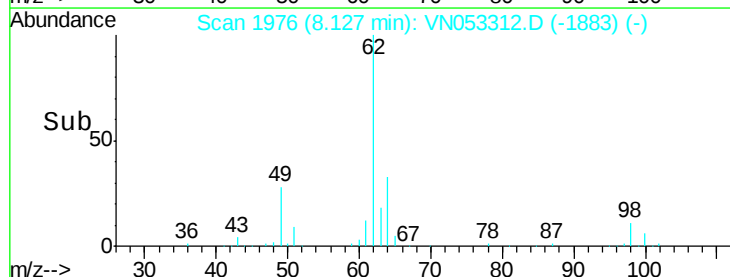
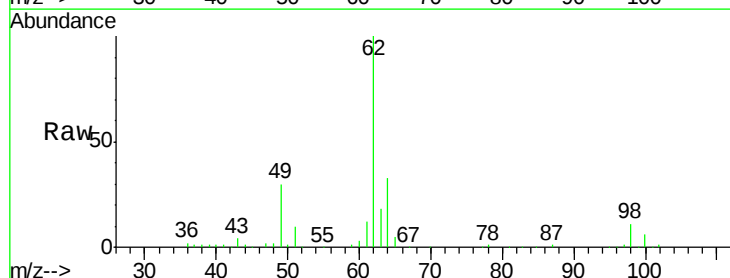
Manual Integrations
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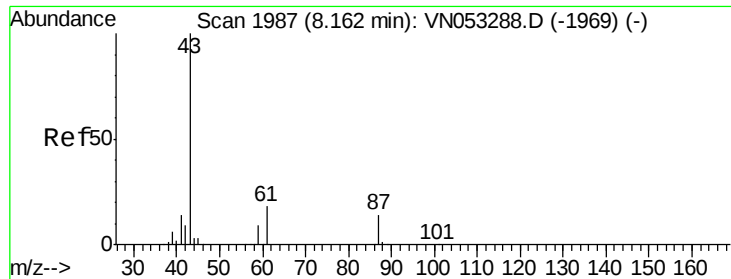
MMDadoda
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#42
1,2-Dichloroethane
Concen: 19.347 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	0.0	20.2	





#43

Isopropyl Acetate

Concen: 17.938 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Instrument :

MSVOA_N

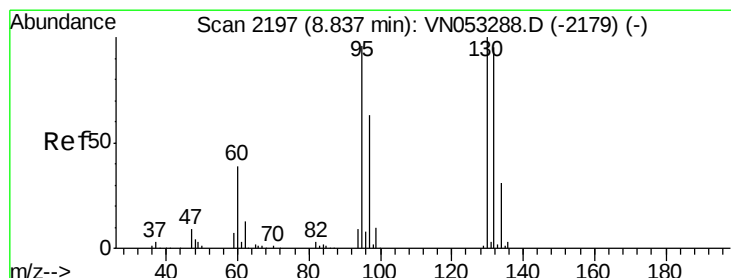
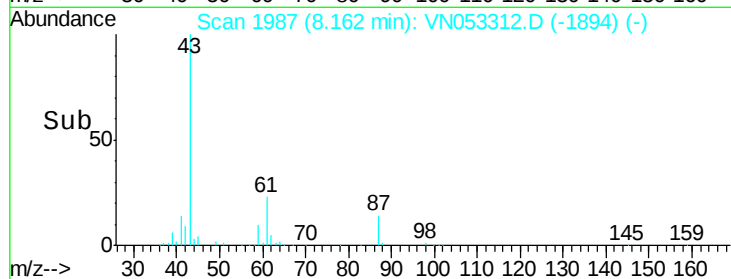
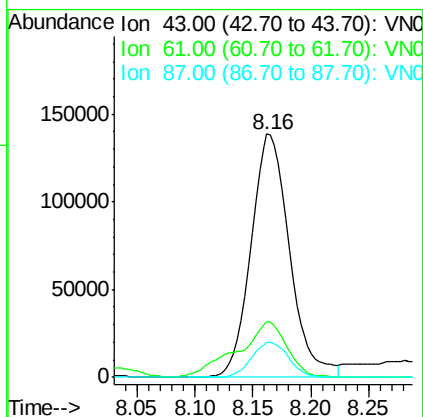
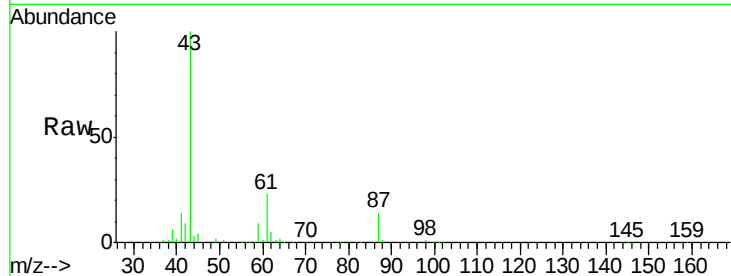
ClientSampled :

VN0108WBS01

Tot Ion:	43	Resp:	320234
Ion	Ratio	Lower	Upper
43	100		
61	28.9	23.3	34.9
87	13.9	10.8	16.2

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#44

Trichloroethene

Concen: 19.346 ug/l

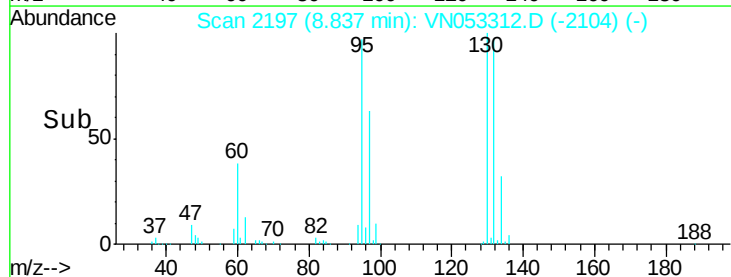
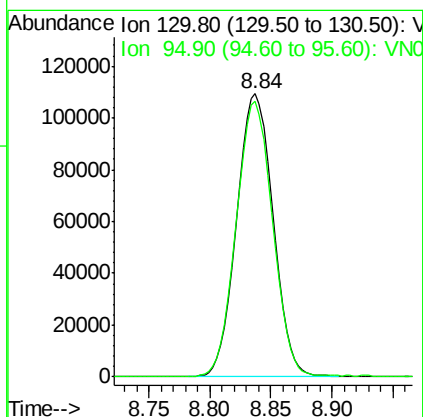
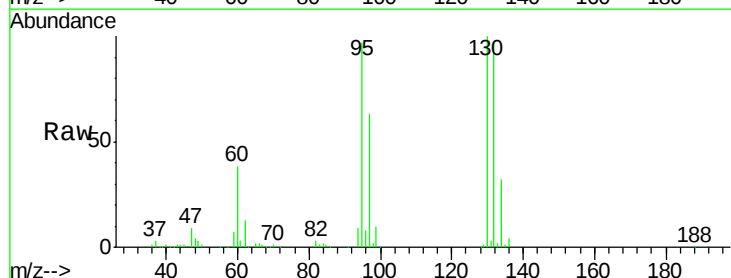
RT: 8.84 min Scan# 2197

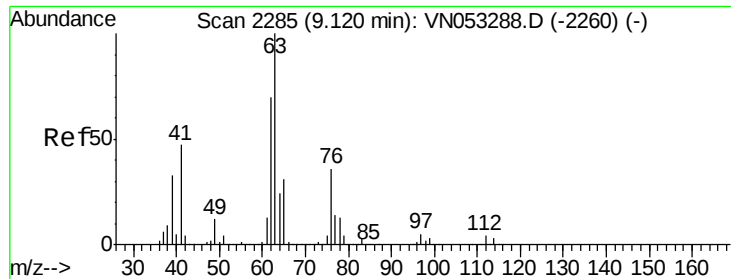
Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Tgt Ion:	130	Resp:	226069
Ion	Ratio	Lower	Upper
130	100		
95	97.3	0.0	191.8





#45

1,2-Dichloropropane

Concen: 19.742 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0108WBS01

Tot Ion: 63 Resp: 220356

Ion Ratio Lower Upper

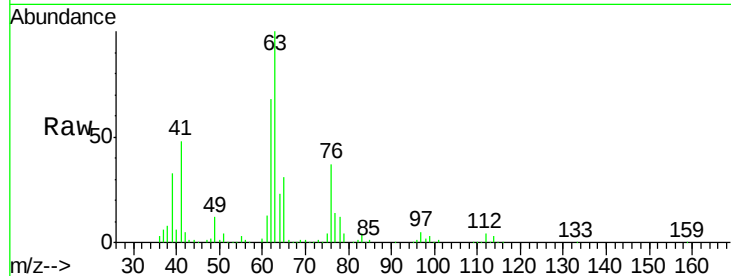
63 100

65 31.0 25.0 37.6

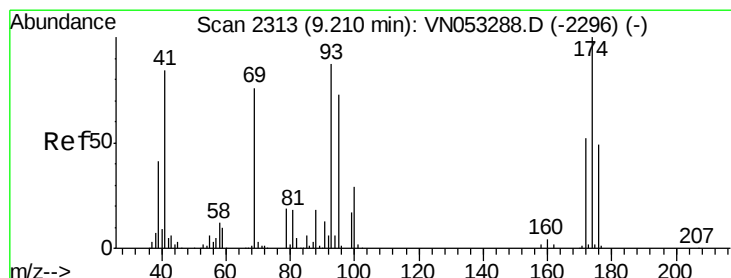
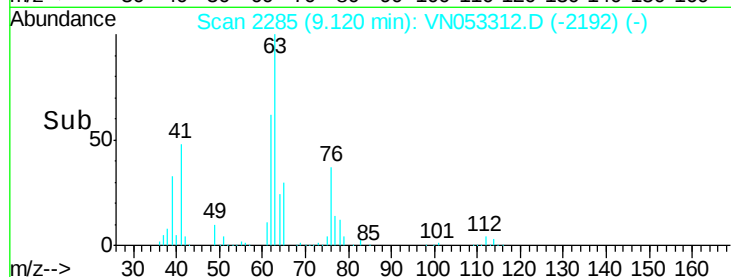
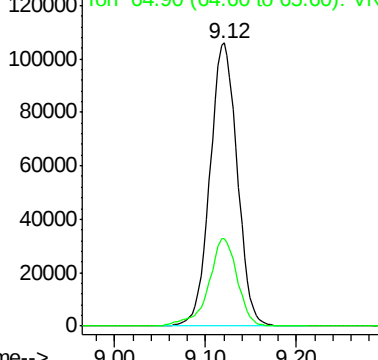
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Abundance Ion 62.90 (62.60 to 63.60): VNO
Ion 64.90 (64.60 to 65.60): VNO



#46

Dibromomethane

Concen: 19.392 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

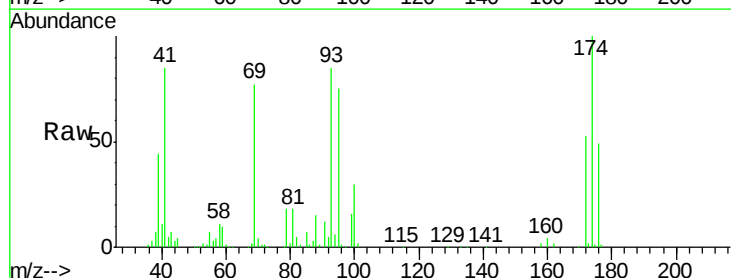
Tgt Ion: 93 Resp: 126200

Ion Ratio Lower Upper

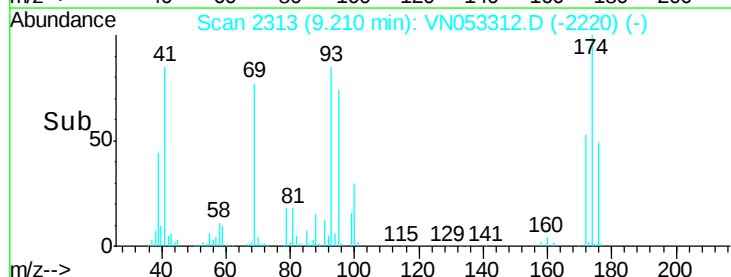
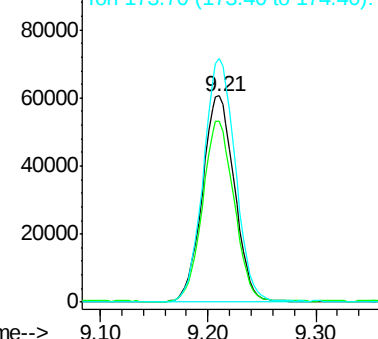
93 100

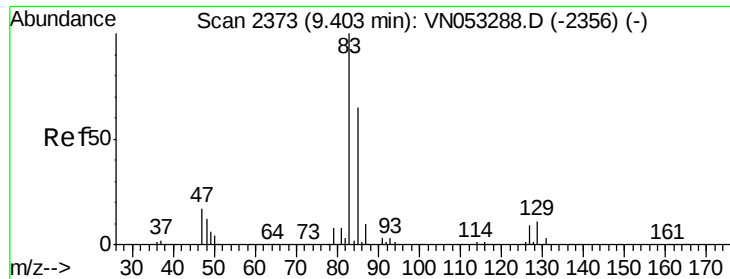
95 86.7 66.6 100.0

174 116.4 91.4 137.0



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





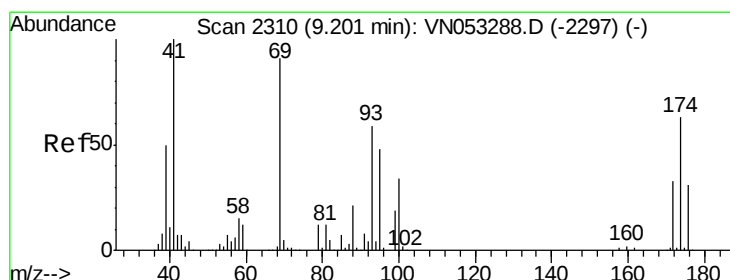
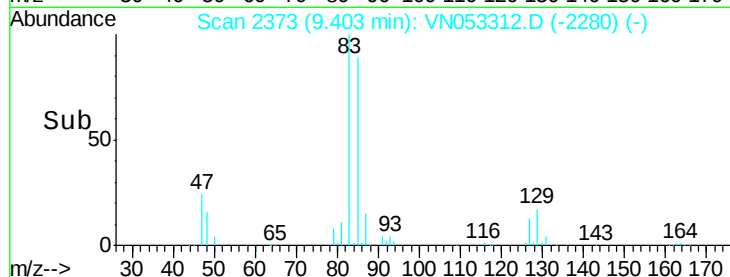
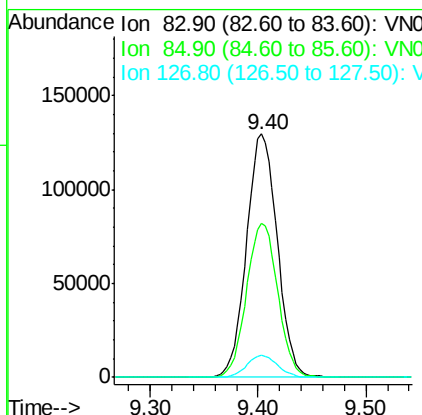
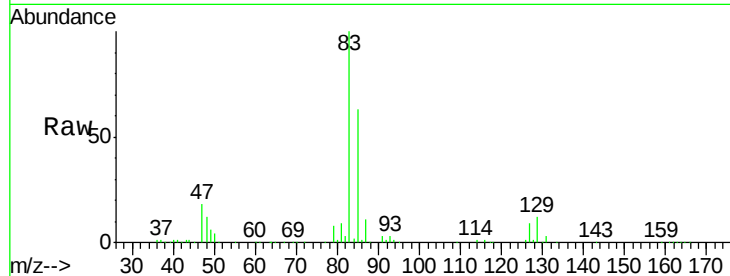
#47
Bromodichloromethane
Concen: 18.954 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0108WBS01

Tot Ion	83	Resp	257060
Ion Ratio	100	Lower	Upper
83	100		
85	63.1	51.7	77.5
127	9.0	7.0	10.6

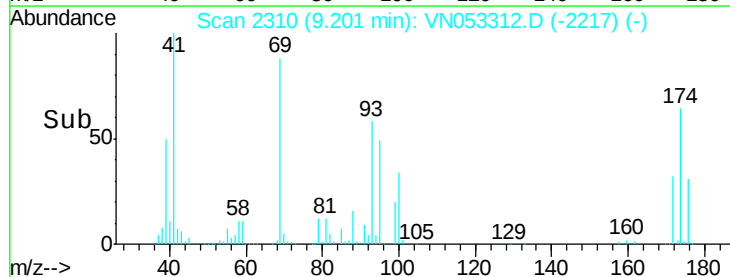
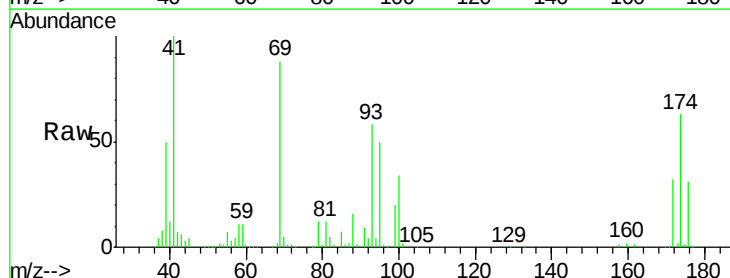
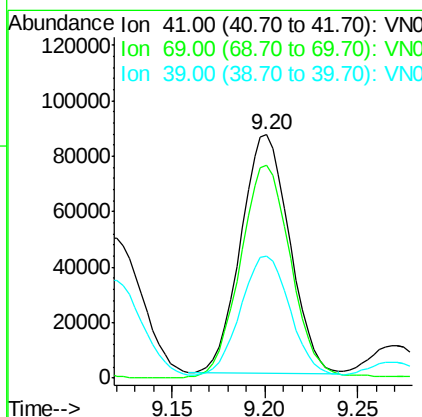
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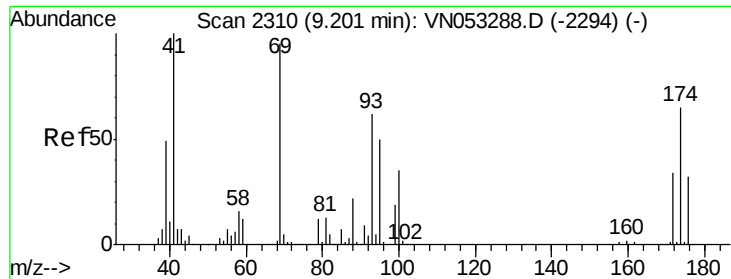
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#48
Methyl methacrylate
Concen: 19.349 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Tgt Ion	41	Resp	156926
Ion Ratio	100	Lower	Upper
41	100		
69	92.4	73.5	110.3
39	52.9	41.6	62.4





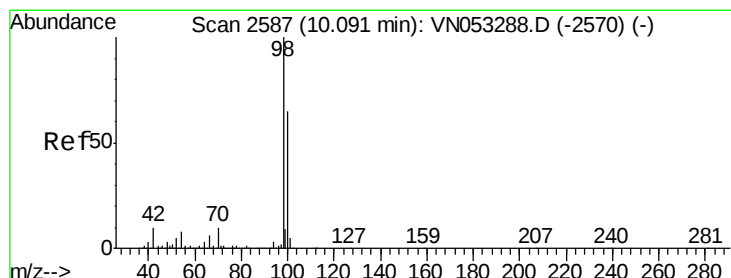
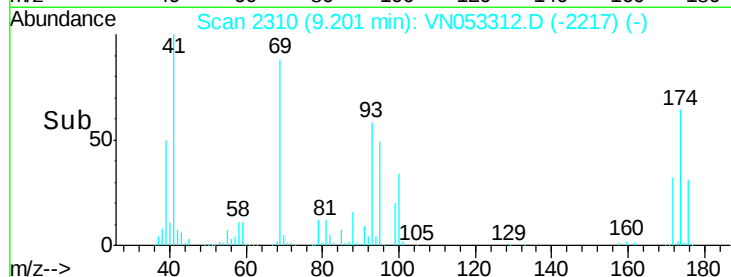
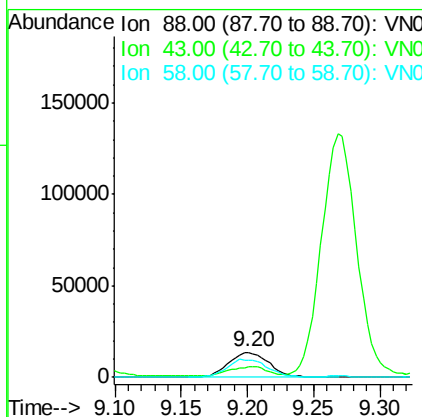
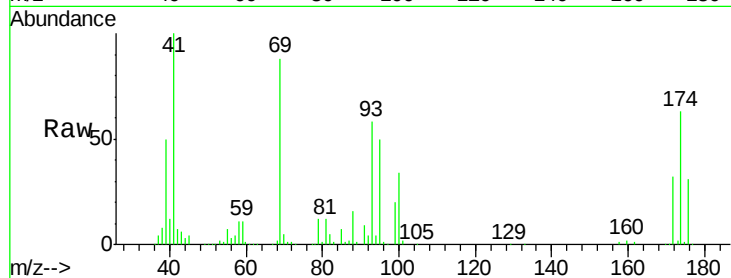
#49
1,4-Dioxane
Concen: 335.236 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0108WBS01

Tot Ion	88	Resp	28968
Ion	Ratio	Lower	Upper
88	100		
43	34.0	26.2	39.4
58	72.7	55.5	83.3

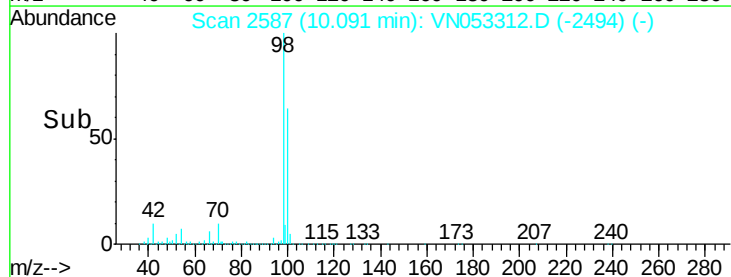
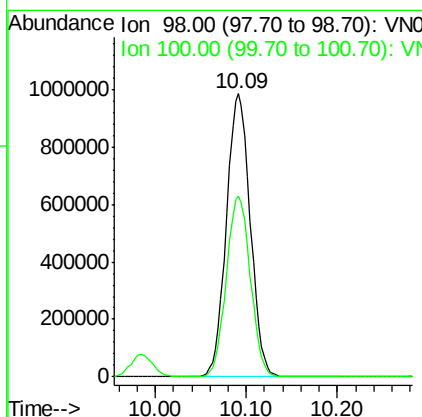
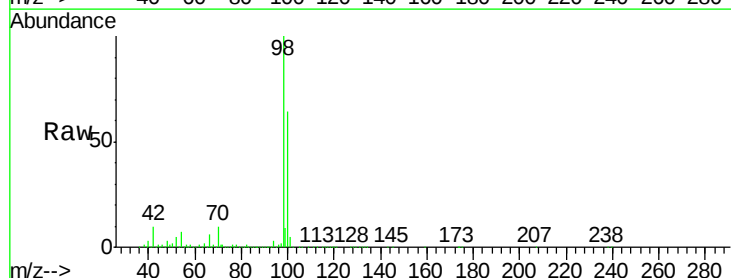
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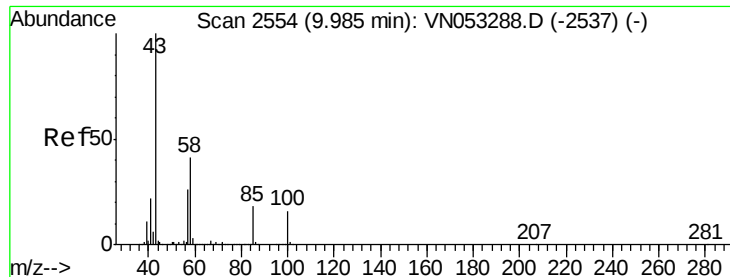
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#50
Toluene-d8
Concen: 335.236 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Tgt Ion	98	Resp	1791895
Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 98.556 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Instrument :

MSVOA_N

ClientSampled :

VN0108WBS01

Tot Ion: 43 Resp: 884783

Ion Ratio Lower Upper

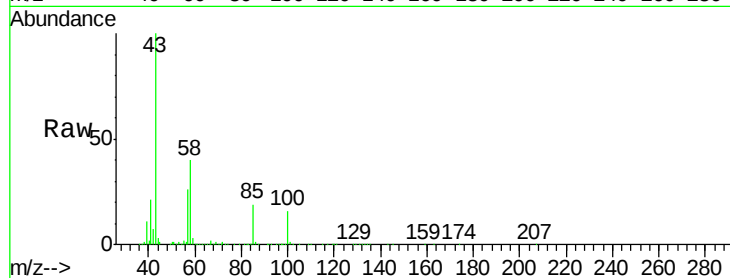
43 100

58 40.8 32.7 49.1

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.99

500000

400000

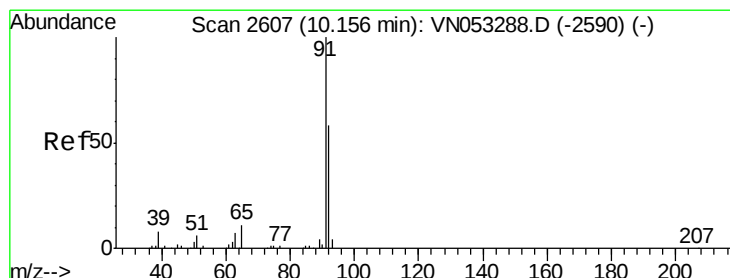
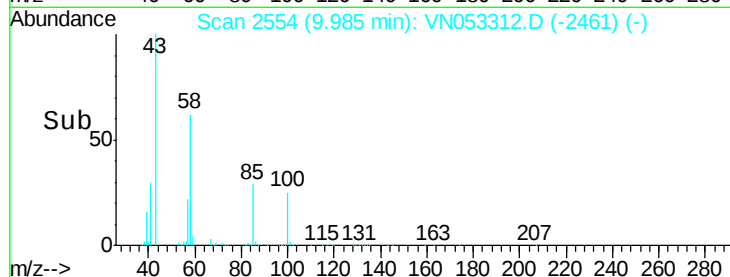
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 19.745 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053312.D

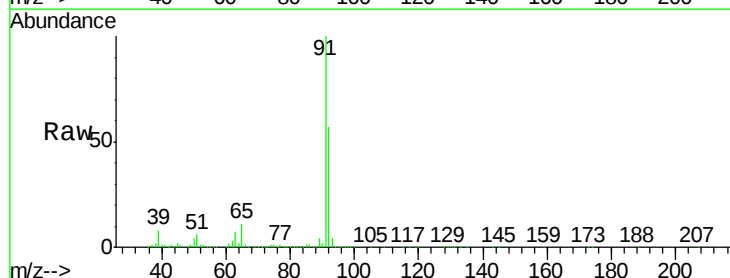
Acq: 8 Jan 2019 12:24

Tgt Ion: 92 Resp: 515496

Ion Ratio Lower Upper

92 100

91 174.6 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.16

500000

400000

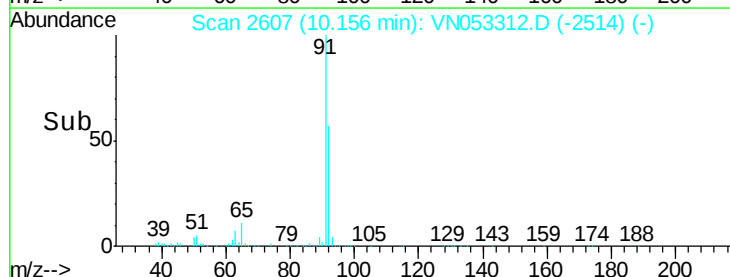
300000

200000

100000

0

Time-->





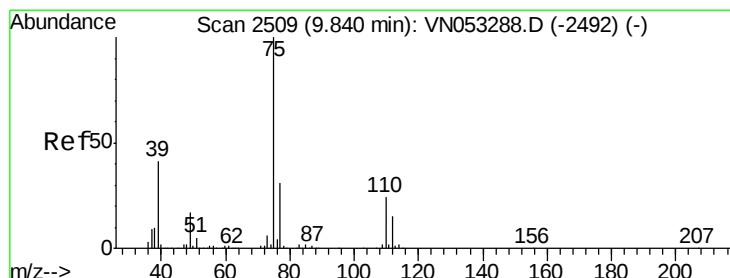
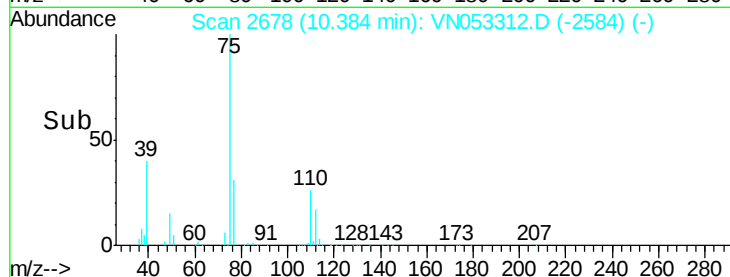
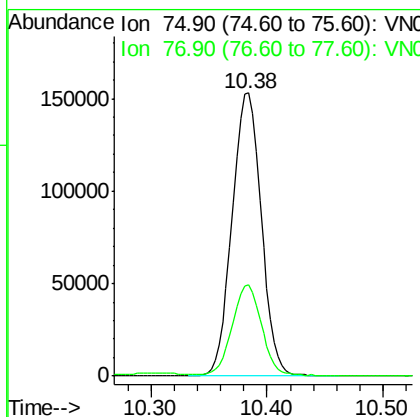
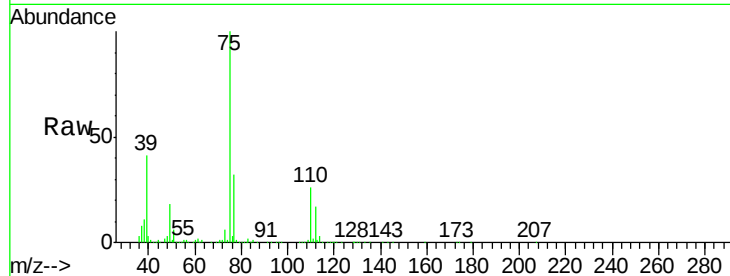
#53
t-1,3-Dichloropropene
Concen: 19.319 ug/l
RT: 10.38 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0108WBS01

Tot Ion: 75 Resp: 268027
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.4

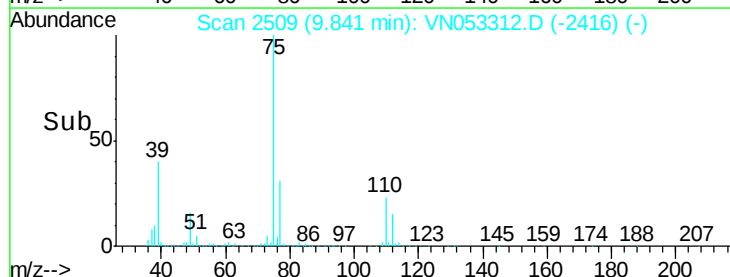
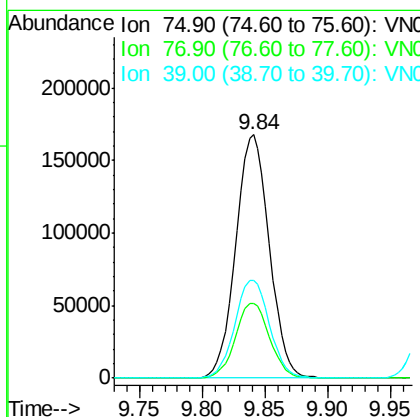
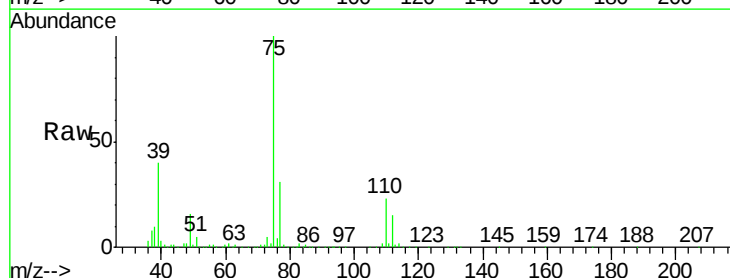
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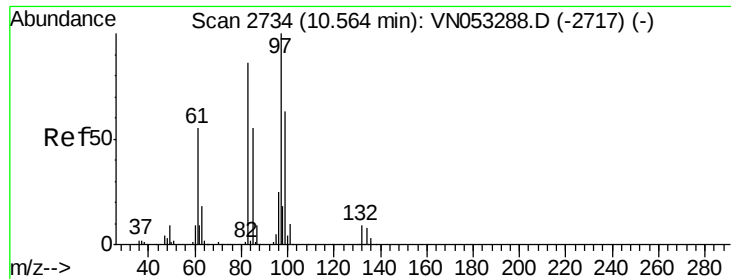
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#54
cis-1,3-Dichloropropene
Concen: 19.458 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Tgt Ion: 75 Resp: 311955
Ion Ratio Lower Upper
75 100
77 30.6 25.1 37.7
39 40.2 33.1 49.7





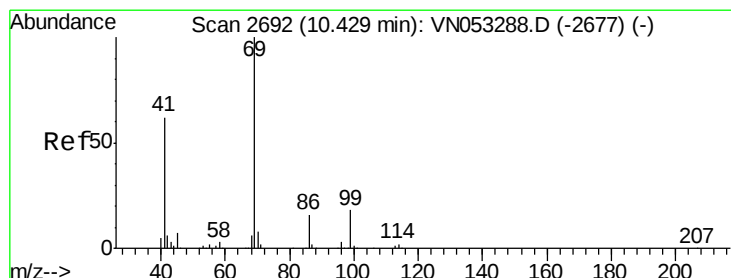
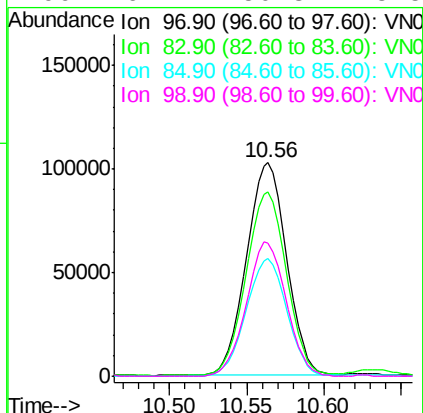
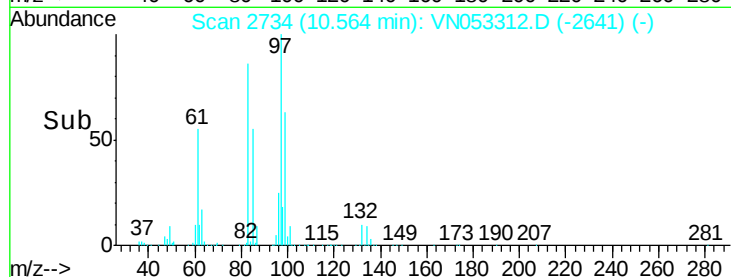
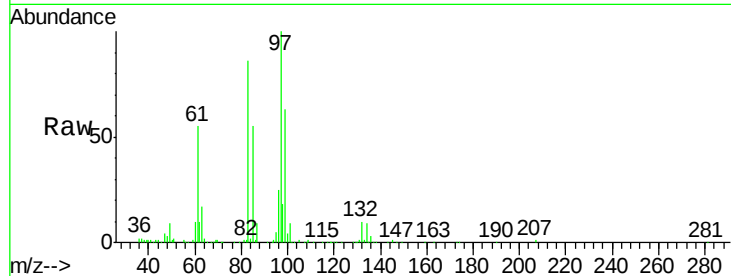
#55
 1,1,2-Trichloroethane
 Concen: 19.365 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN053312.D
 Acq: 8 Jan 2019 12:24

Instrument :
 MSVOA_N
 ClientSampled :
 VN0108WBS01

Tot Ion:	97	Resp:	185905
Ion	Ratio	Lower	Upper
97	100		
83	86.1	69.1	103.7
85	55.3	44.2	66.4
99	62.7	50.3	75.5

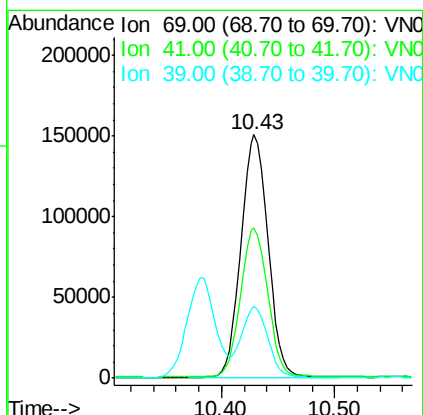
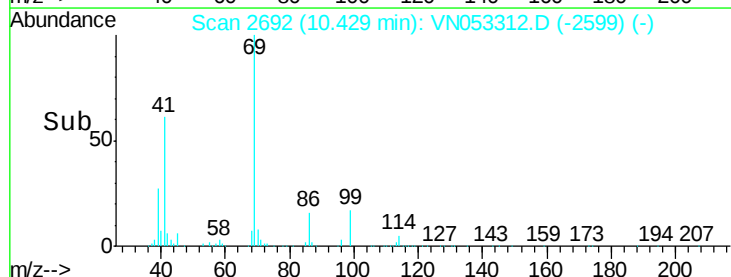
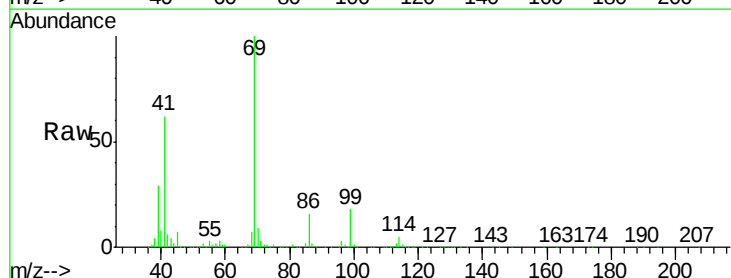
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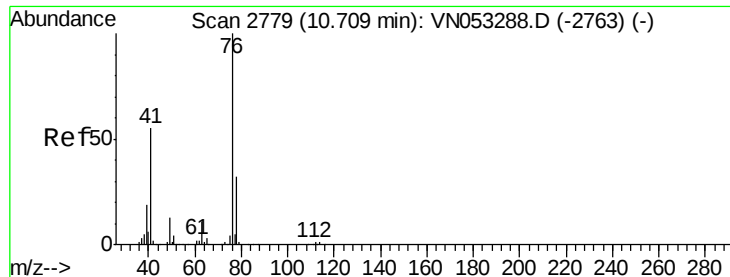
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#56
 Ethyl methacrylate
 Concen: 20.235 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN053312.D
 Acq: 8 Jan 2019 12:24

Tgt Ion:	69	Resp:	252442
Ion	Ratio	Lower	Upper
69	100		
41	60.9	49.2	73.8
39	28.7	23.4	35.0





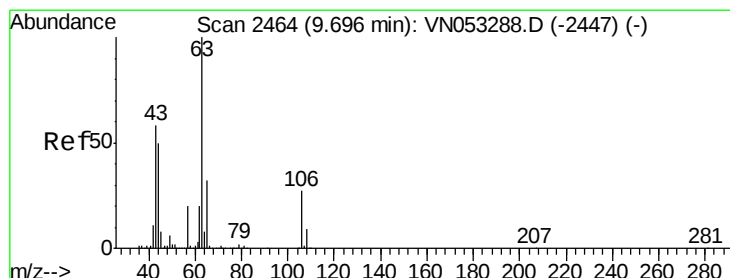
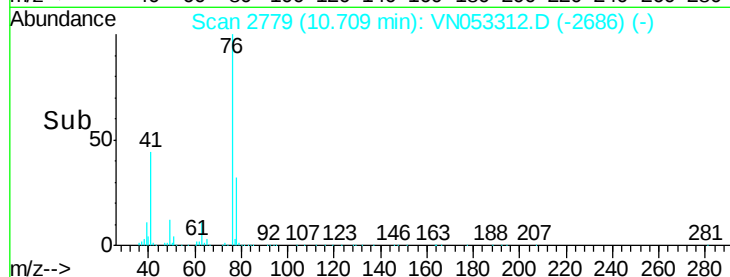
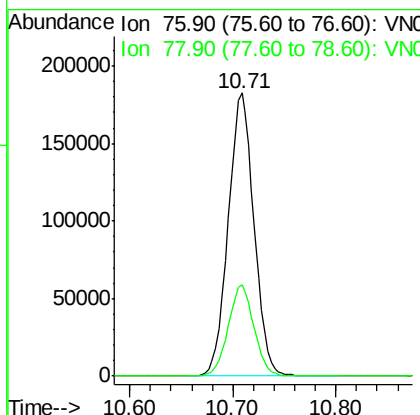
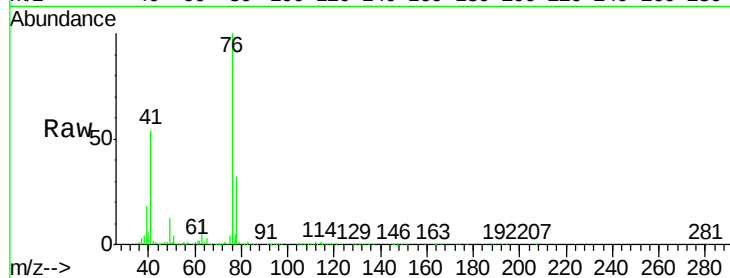
#57
 1,3-Dichloropropane
 Concen: 19.763 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN053312.D
 Acq: 8 Jan 2019 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0108WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.8	38.8

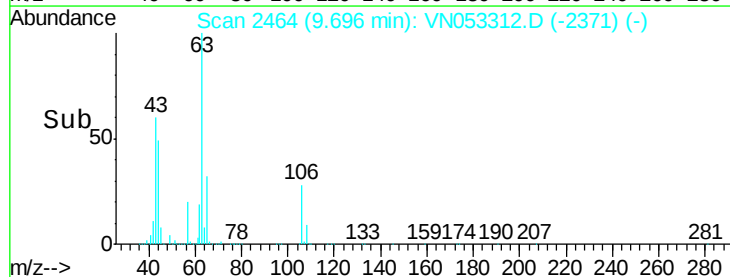
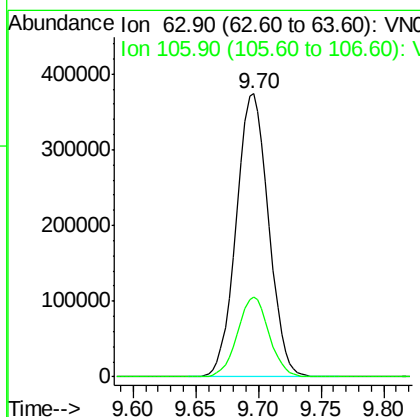
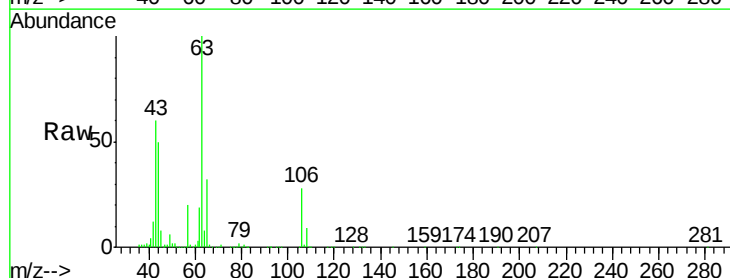
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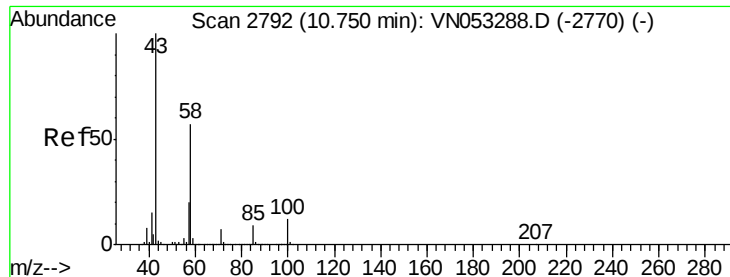
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#58
 2-Chloroethyl Vinyl ether
 Concen: 99.301 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN053312.D
 Acq: 8 Jan 2019 12:24

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.5	21.7	32.5





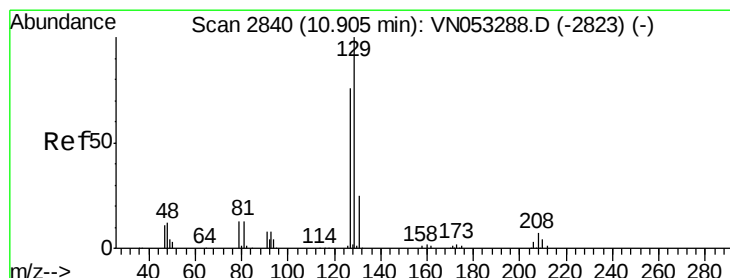
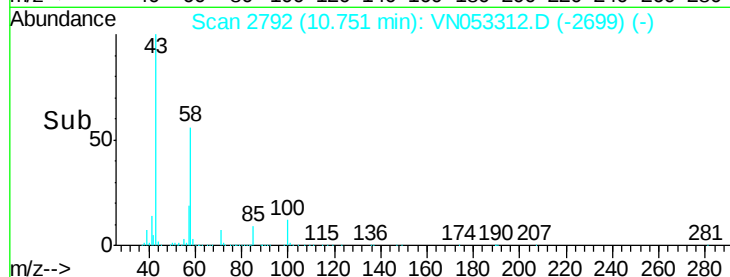
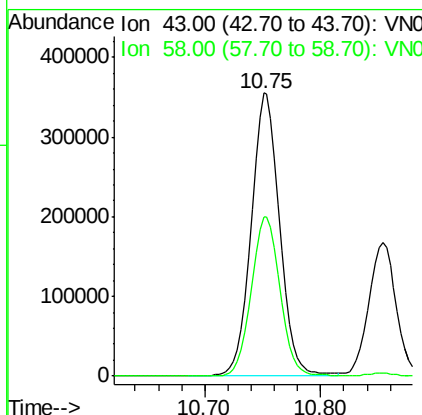
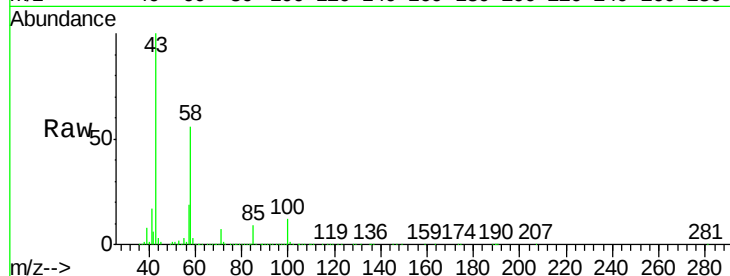
#59
2-Hexanone
Concen: 98.727 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0108WBS01

Tot Ion: 43 Resp: 607271
Ion Ratio Lower Upper
43 100
58 57.1 28.3 85.0

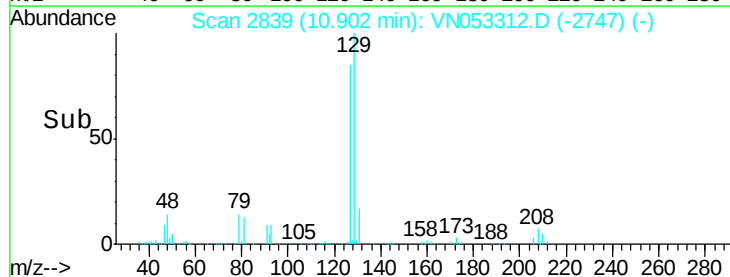
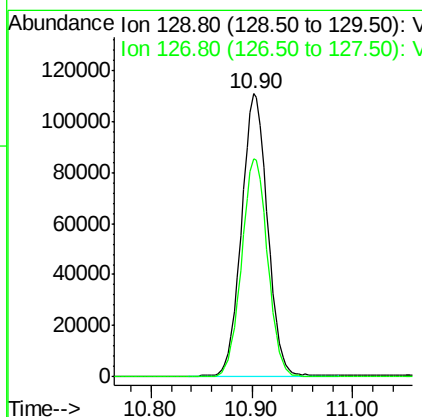
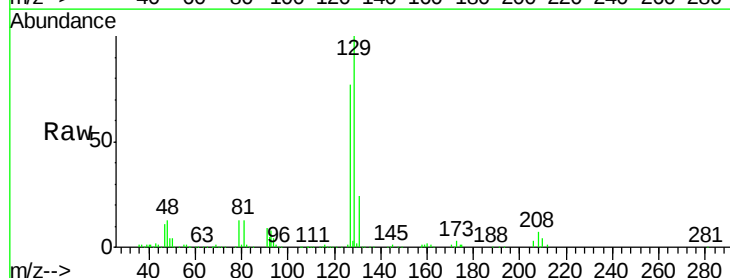
Manual Integrations
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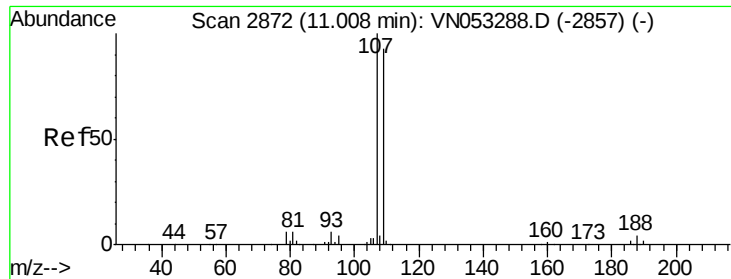
MMDadoda
1/9/2019 10:57:46 AM



#60
Dibromochloromethane
Concen: 18.927 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Tgt Ion: 129 Resp: 195974
Ion Ratio Lower Upper
129 100
127 77.5 38.4 115.2





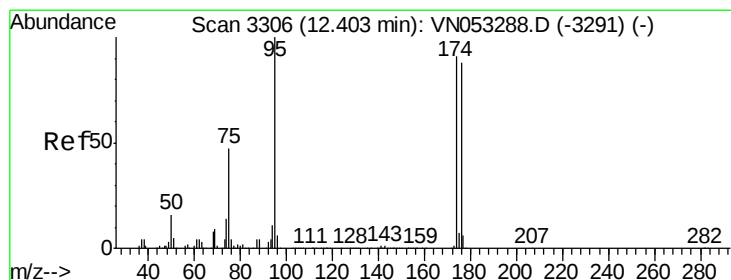
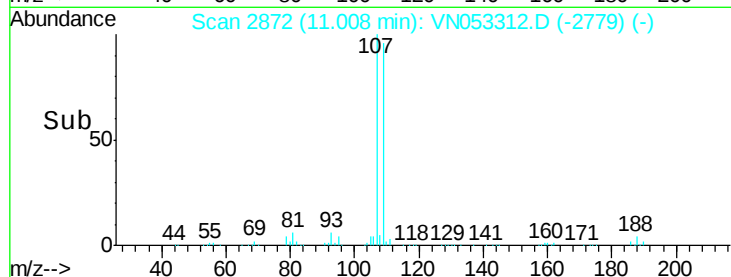
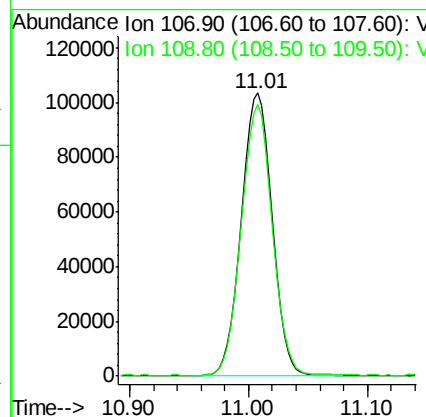
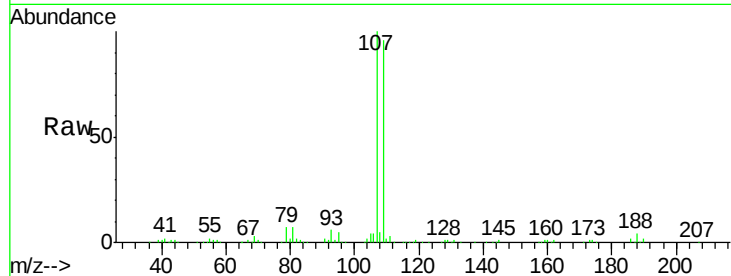
#61
 1,2-Dibromoethane
 Concen: 19.564 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN053312.D
 Acq: 8 Jan 2019 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0108WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.1	75.0	112.6

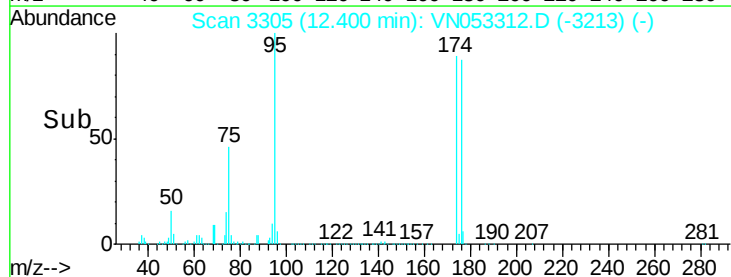
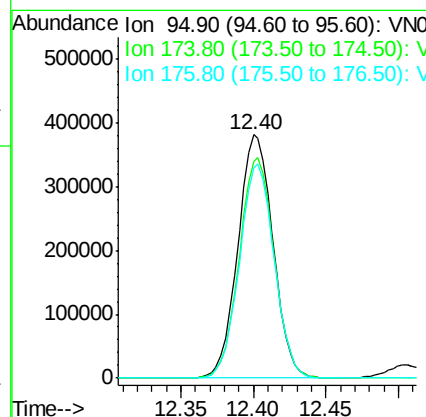
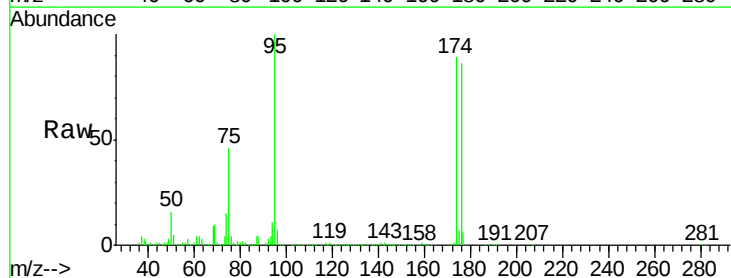
Manual Integrations
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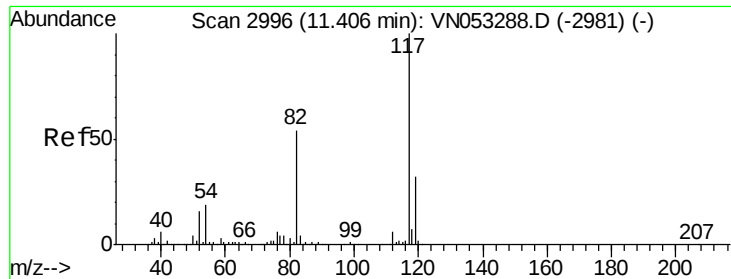
MMDadoda
 1/9/2019 10:57:46 AM



#62
 4-Bromofluorobenzene
 Concen: 19.564 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN053312.D
 Acq: 8 Jan 2019 12:24

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.7	0.0	180.4
176	88.4	0.0	175.6





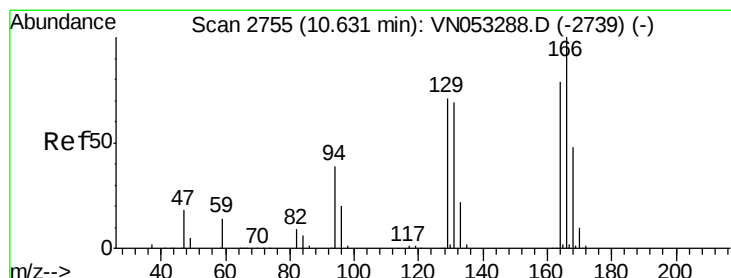
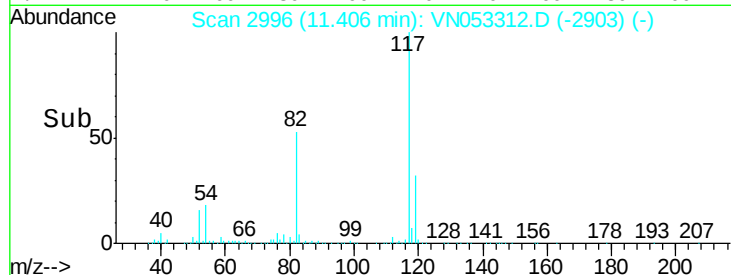
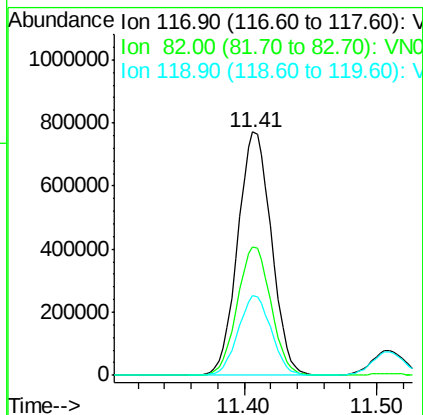
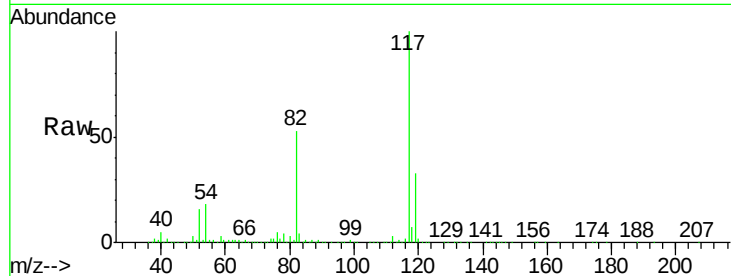
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Instrument :
MSVOA_N
ClientSampled :
VN0108WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.9	64.3
119	32.5	25.6	38.4

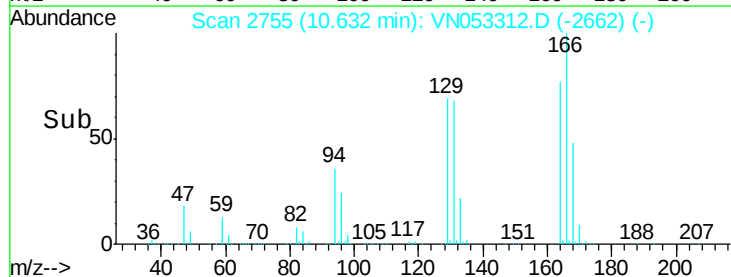
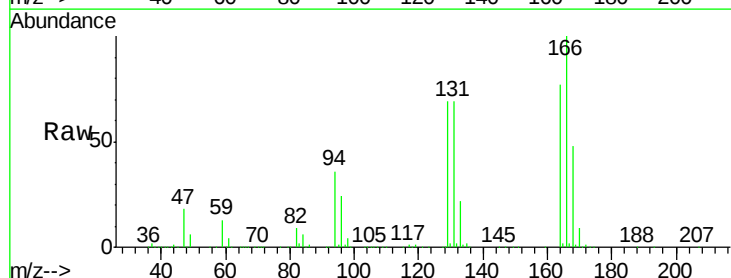
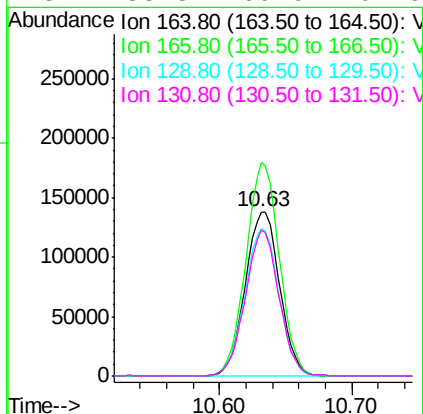
Manual Integrations
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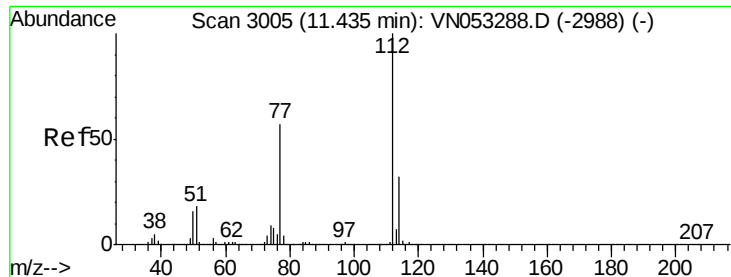
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#64
Tetrachloroethene
Concen: 19.431 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.0	101.7	152.5
129	89.7	72.1	108.1
131	88.8	69.9	104.9





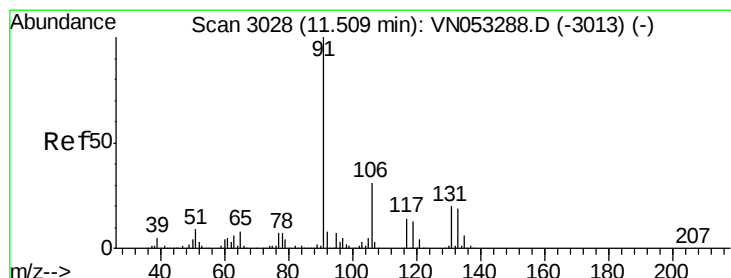
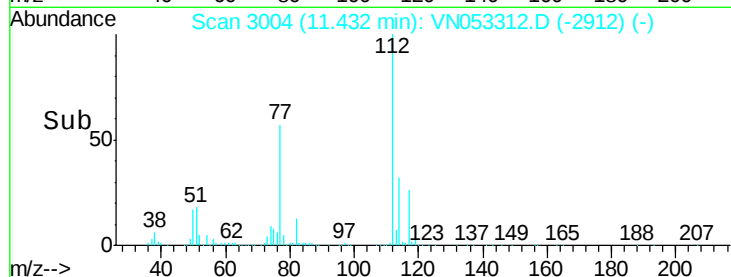
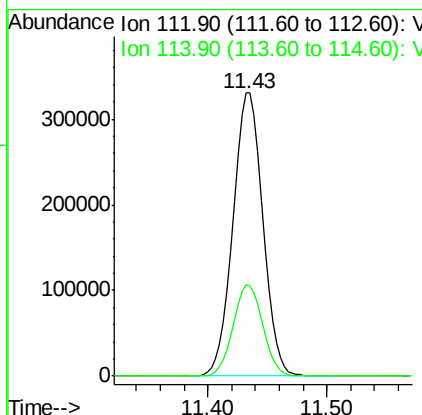
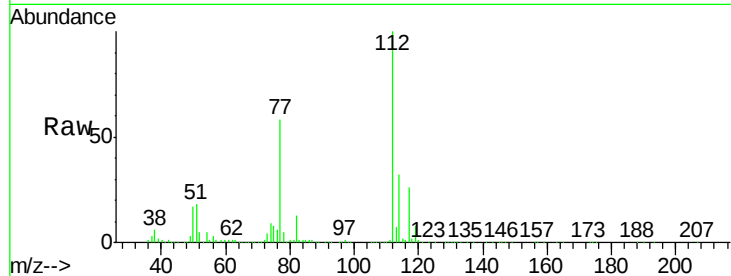
#65
Chlorobenzene
Concen: 19.544 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0108WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.6	38.4

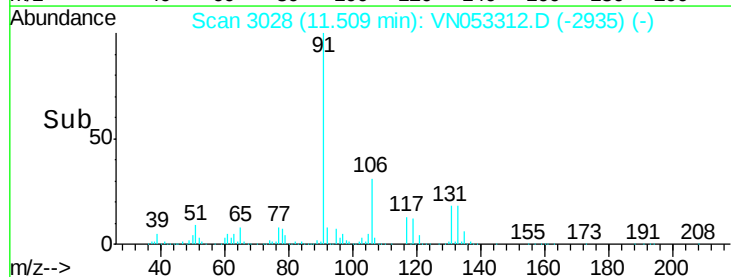
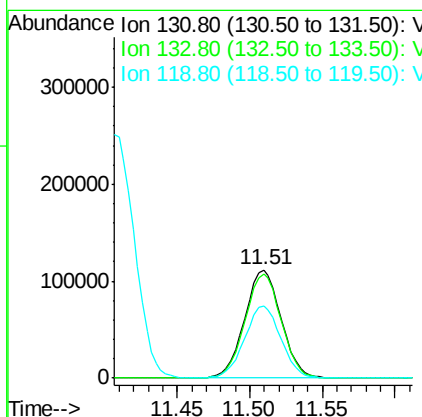
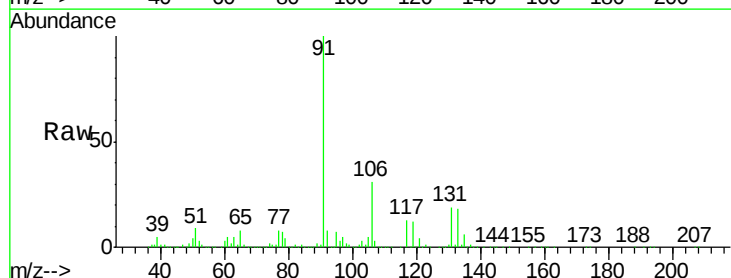
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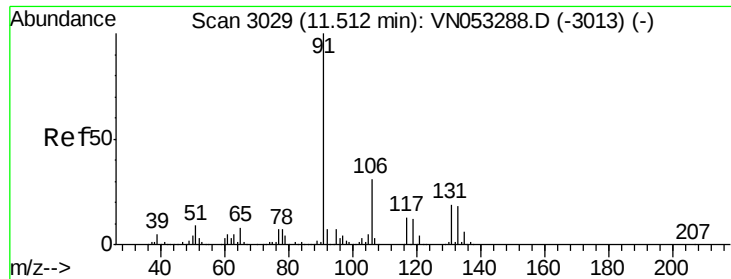
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.820 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.2	48.0	144.0
119	65.8	33.3	99.9





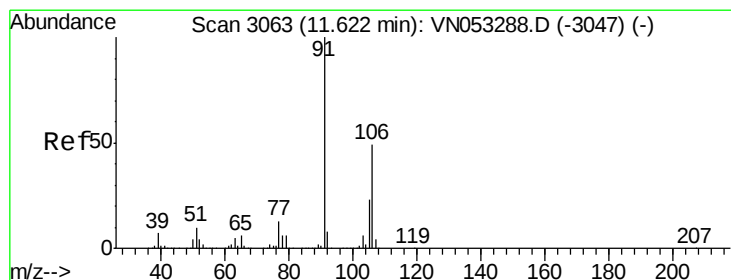
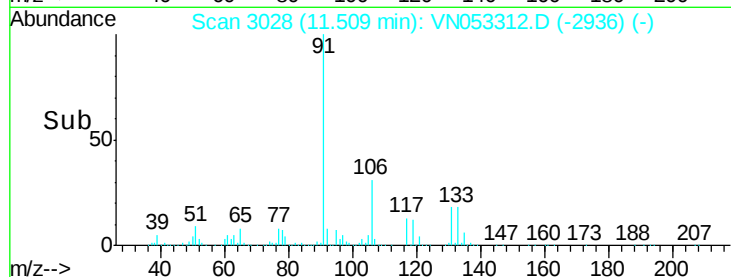
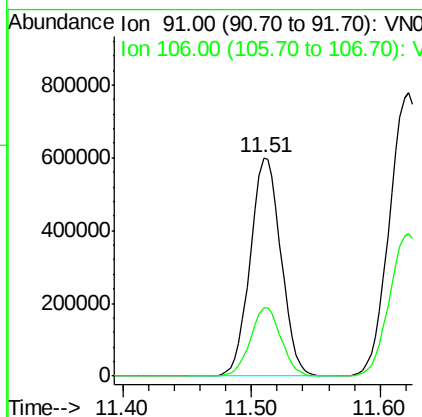
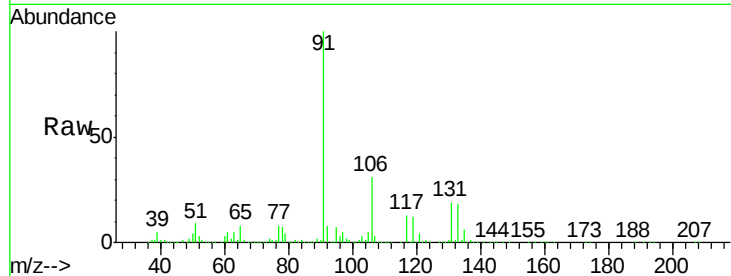
#67
Ethyl Benzene
Concen: 19.947 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Instrument :
MSVOA_N
ClientSampled :
VN0108WBS01

Tot Ion: 91 Resp: 997559
Ion Ratio Lower Upper
91 100
106 31.0 25.0 37.4

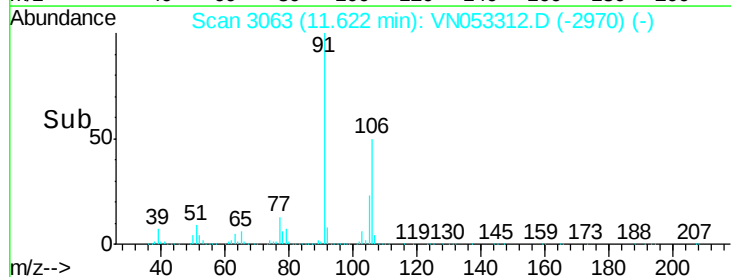
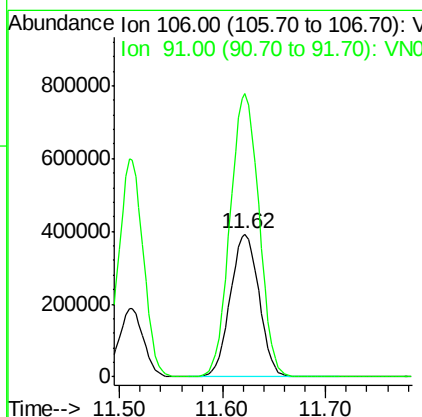
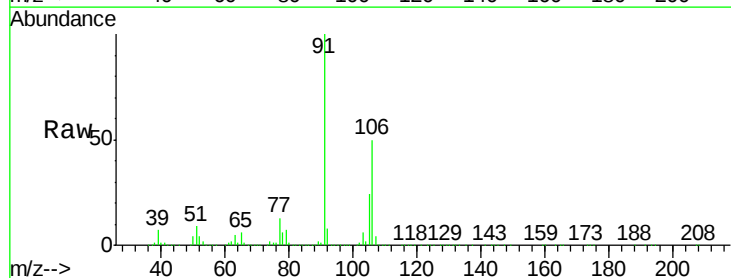
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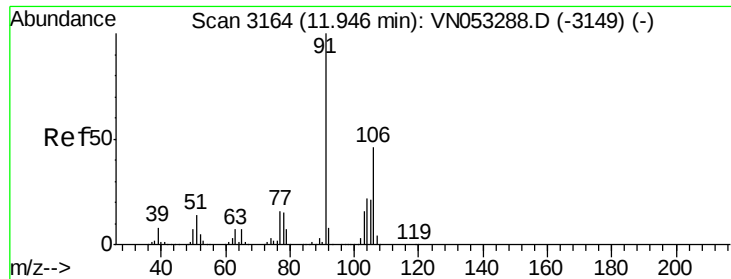
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#68
m/p-Xylenes
Concen: 40.371 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Tgt Ion: 106 Resp: 759169
Ion Ratio Lower Upper
106 100
91 199.6 161.4 242.2





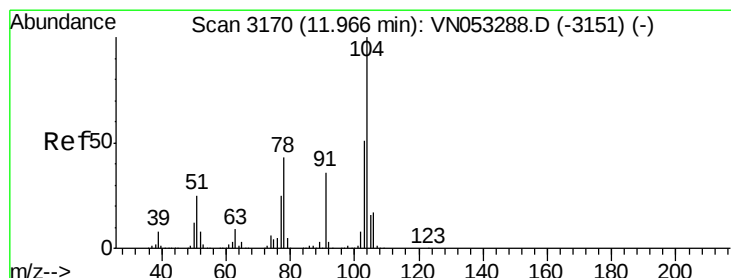
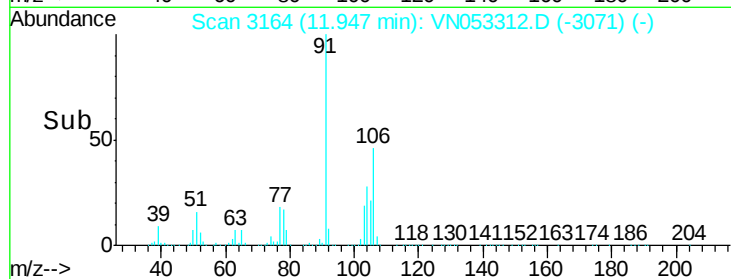
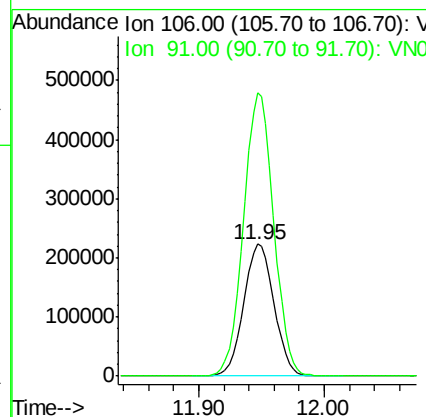
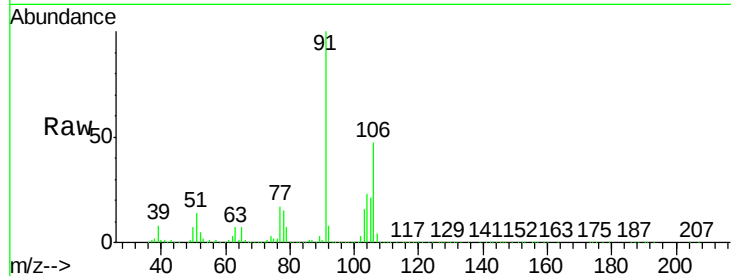
#69
o-Xylene
Concen: 20.243 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Instrument :
MSVOA_N
ClientSampled :
VN0108WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		372678		
91	212.6	106.8	320.4		

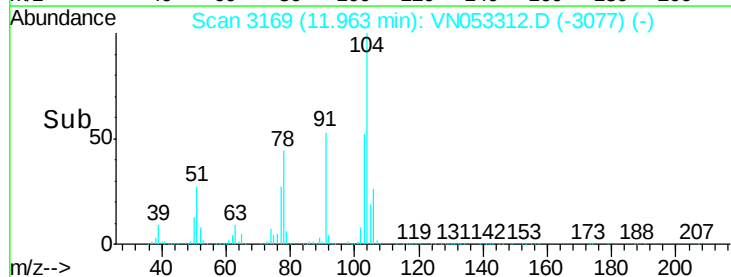
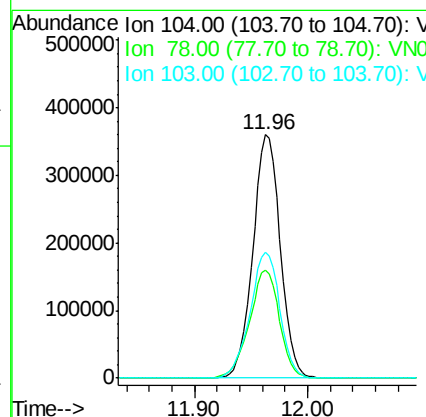
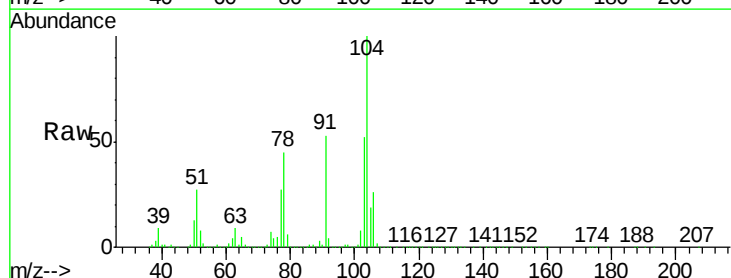
Manual Integrations
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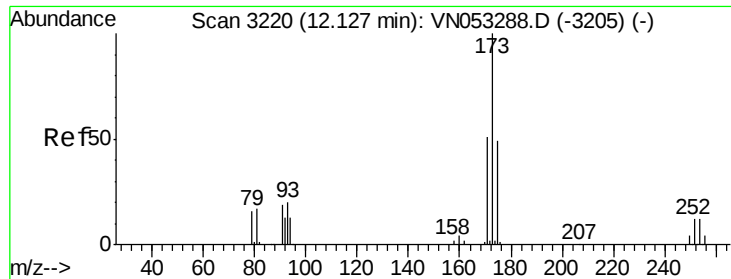
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#70
Styrene
Concen: 20.190 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		604943		
78	48.7	38.5	57.7		
103	56.3	44.5	66.7		





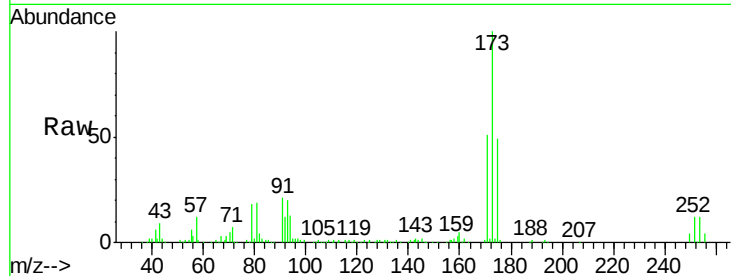
#71
Bromoform
Concen: 18.602 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Instrument :
MSVOA_N
ClientSampled :
VN0108WBS01

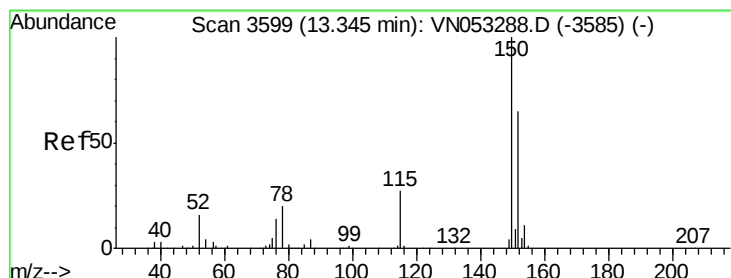
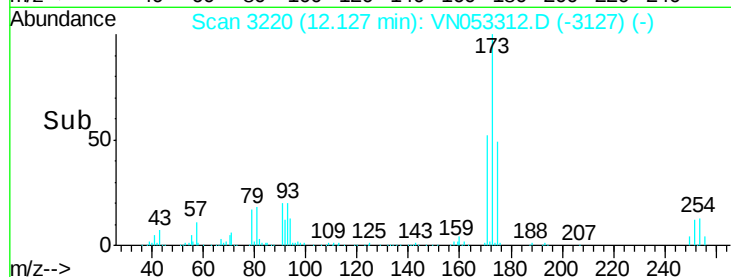
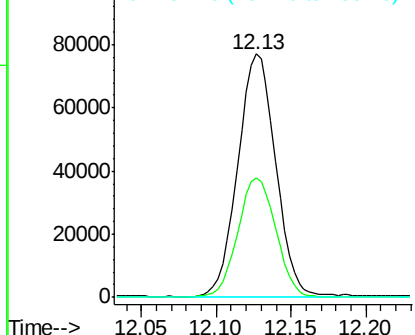
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.3	72.8
254	0.1	0.2	0.2

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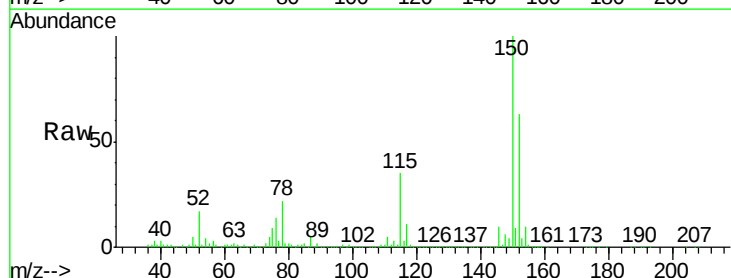


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

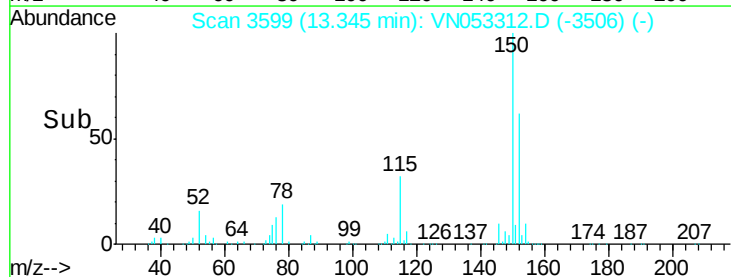
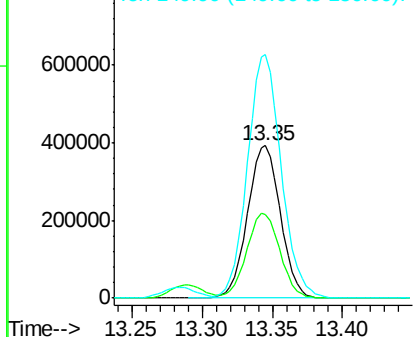


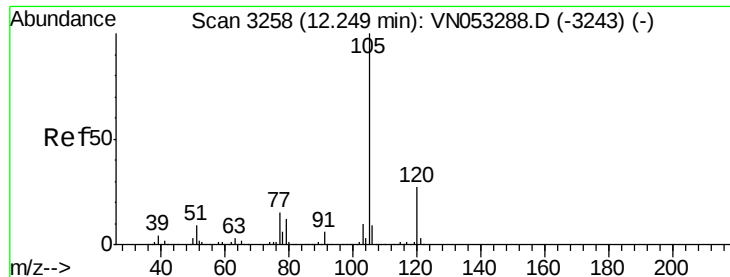
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.0	28.0	84.0
150	164.4	0.0	346.6



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: 20.193 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Instrument :

MSVOA_N

ClientSampled :

VN0108WBS01

Tot Ion:105 Resp: 961831

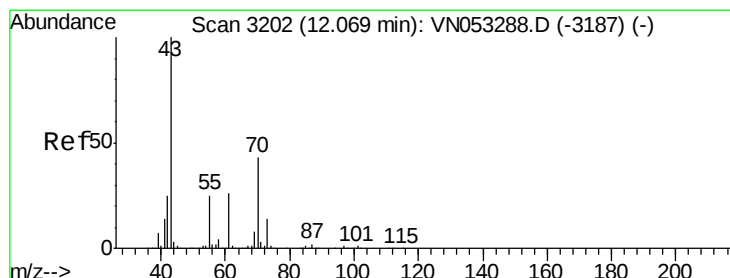
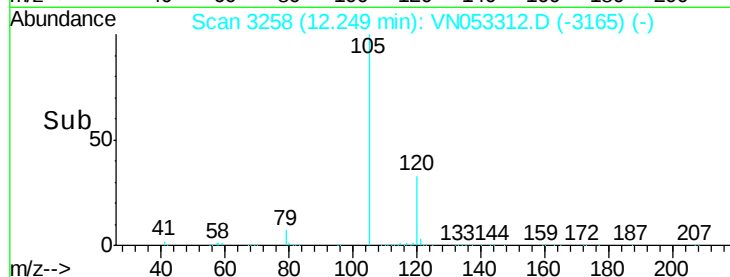
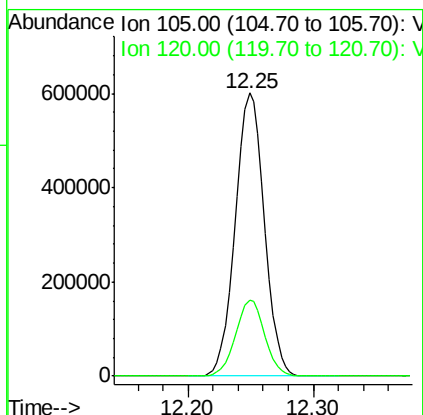
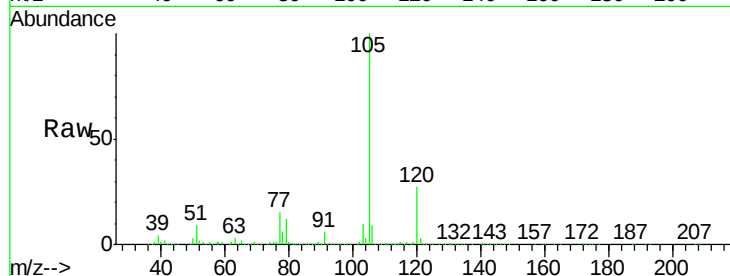
Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.2

Manual Integrations
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#74

N-ethyl acetate

Concen: 21.196 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Tgt Ion: 43 Resp: 301465

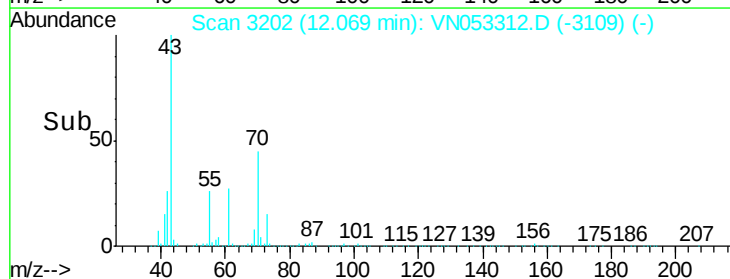
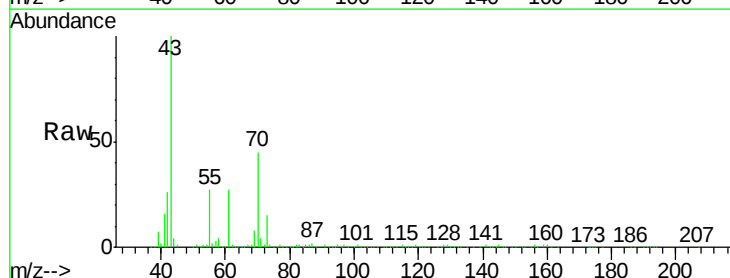
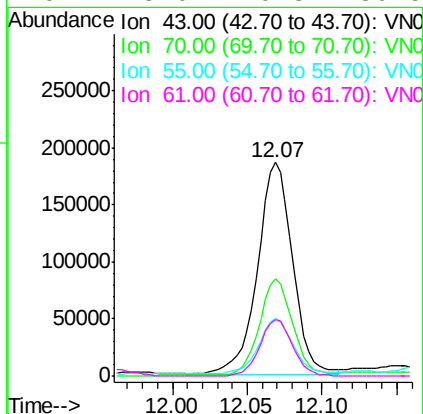
Ion Ratio Lower Upper

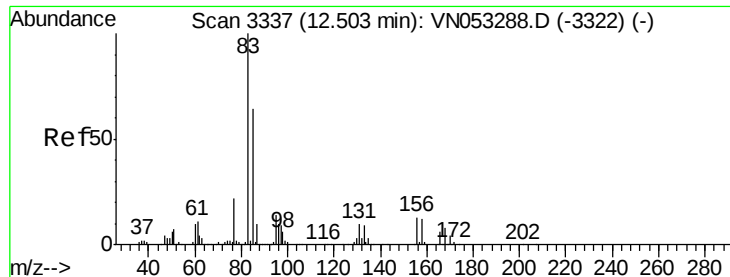
43 100

70 43.0 35.0 52.6

55 25.1 20.0 30.0

61 25.0 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.830 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Instrument :

MSVOA_N

ClientSampled :

VN0108WBS01

Tot Ion: 83 Resp: 217274

Ion Ratio Lower Upper

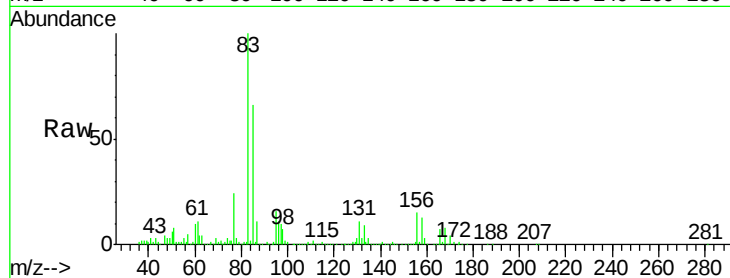
83 100

131 11.4 5.3 15.9

85 66.8 32.3 96.8

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VN053312.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN053312.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN053312.D (-3244) (-)

12.50

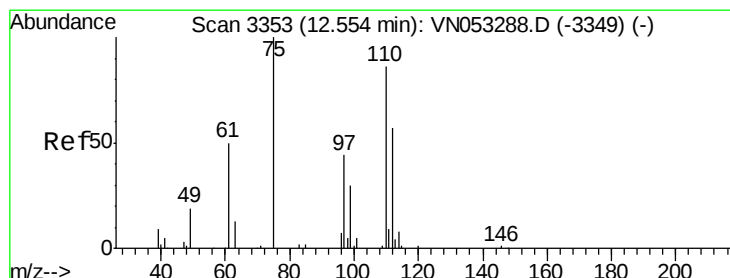
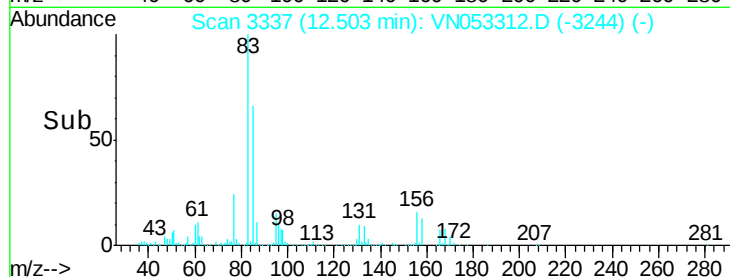
150000

100000

50000

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 20.639 ug/l m

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN053312.D

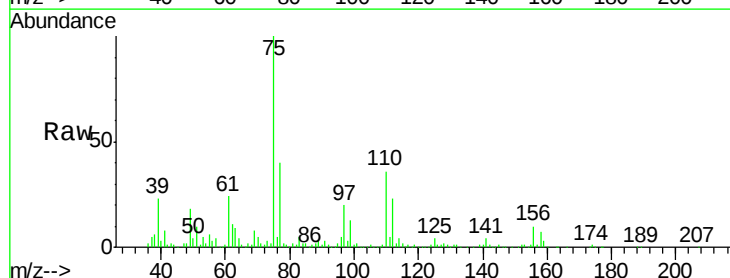
Acq: 8 Jan 2019 12:24

Tgt Ion: 75 Resp: 192582

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN053312.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN053312.D (-3260) (-)

12.55

250000

200000

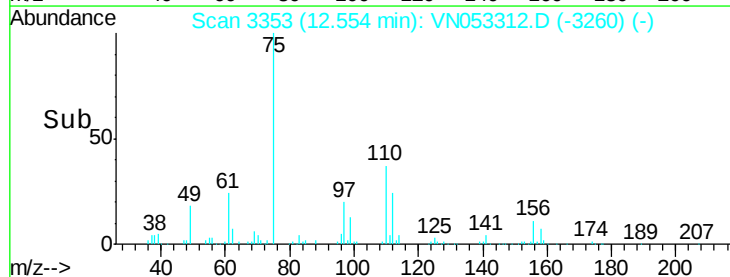
150000

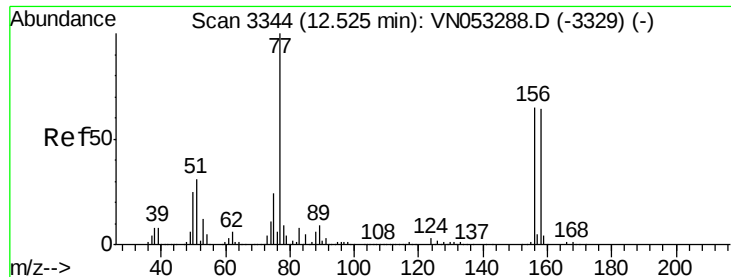
100000

50000

0

Time-->





#77

Bromobenzene

Concen: 22.394 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Instrument :

MSVOA_N

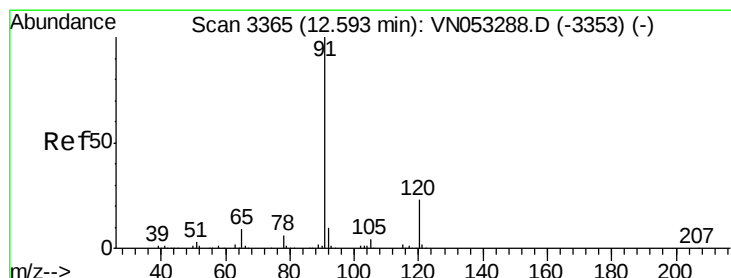
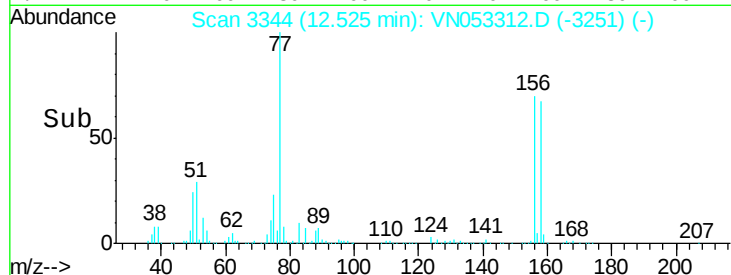
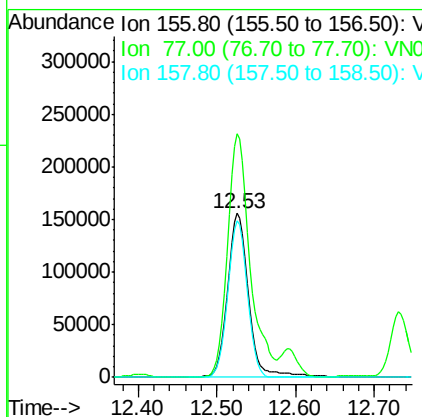
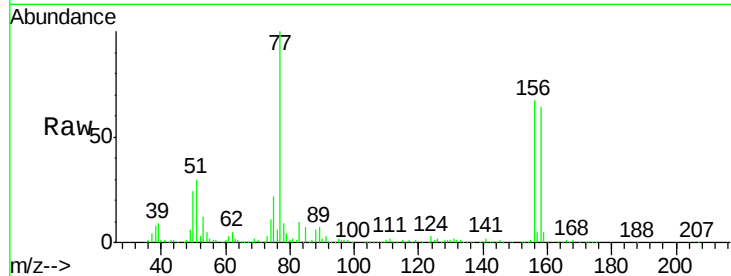
ClientSampled :

VN0108WBS01

Tot Ion:	156	Resp:	284688
Ion Ratio	Lower	Upper	
156	100		
77	160.5	89.3	268.1
158	88.7	48.9	146.8

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#78

n-propylbenzene

Concen: 20.173 ug/l

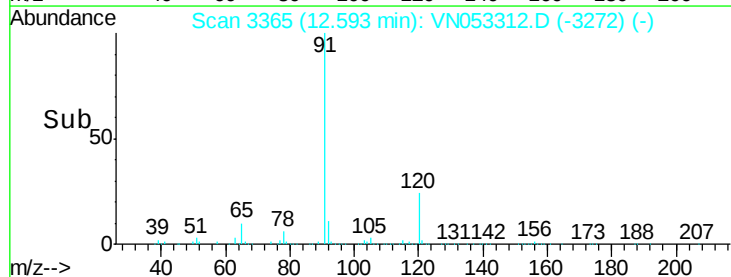
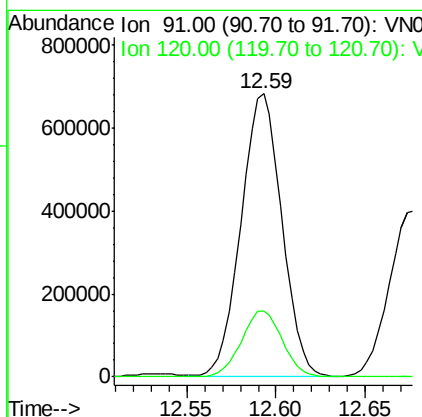
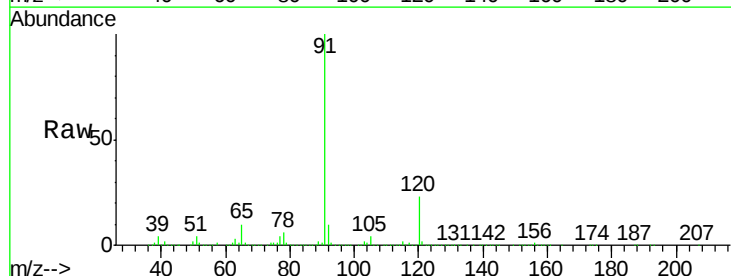
RT: 12.59 min Scan# 3365

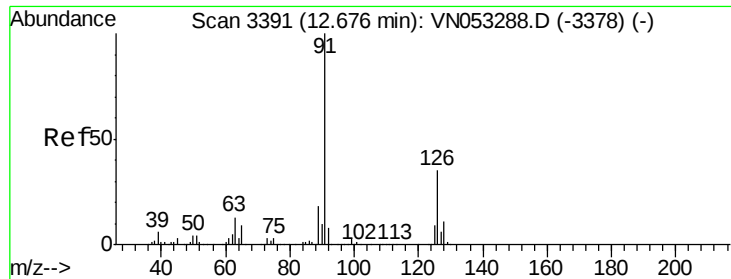
Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Tgt Ion:	91	Resp:	1086867
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.5	34.5





#79

2-Chlorotoluene

Concen: 20.197 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Instrument :

MSVOA_N

ClientSampled :

VN0108WBS01

Tot Ion: 91 Resp: 658444

Ion Ratio Lower Upper

91 100

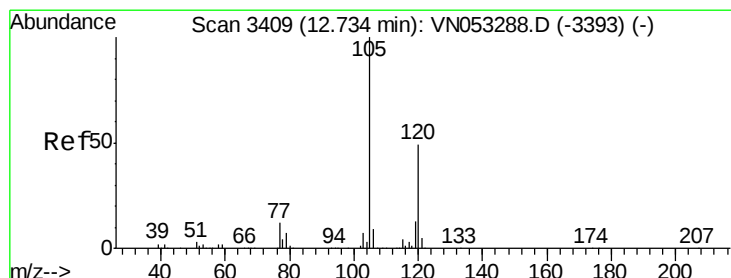
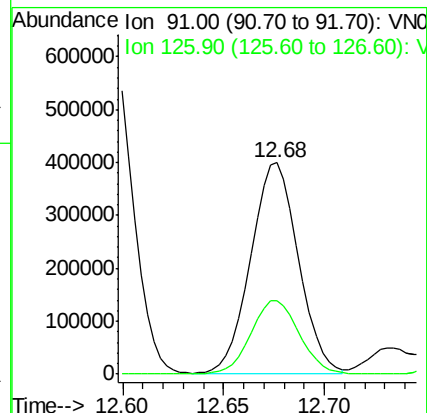
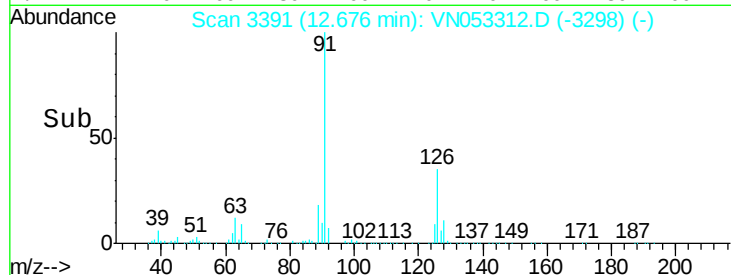
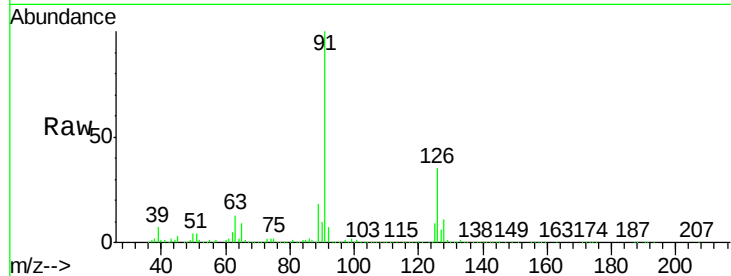
126 35.4 17.5 52.5

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#80

1,3,5-Trimethylbenzene

Concen: 20.260 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053312.D

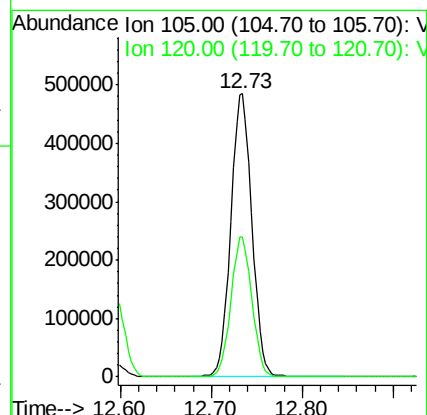
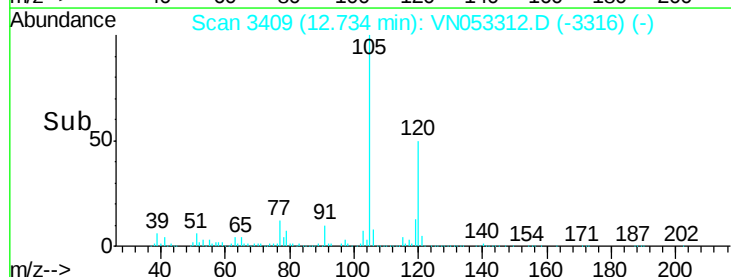
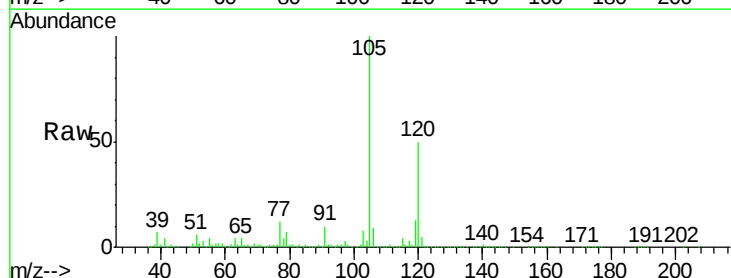
Acq: 8 Jan 2019 12:24

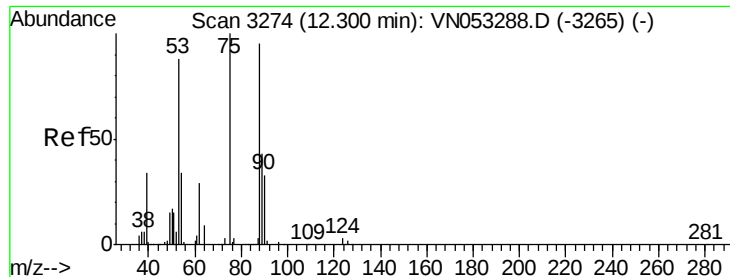
Tgt Ion: 105 Resp: 777316

Ion Ratio Lower Upper

105 100

120 48.8 24.7 74.1





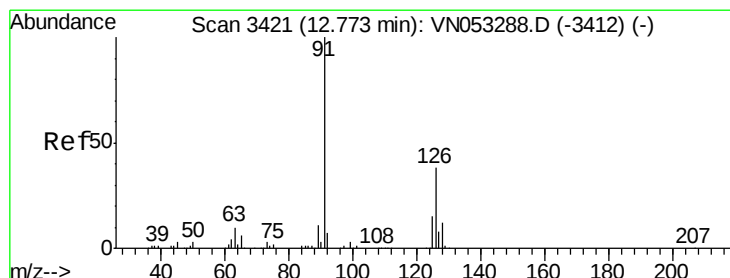
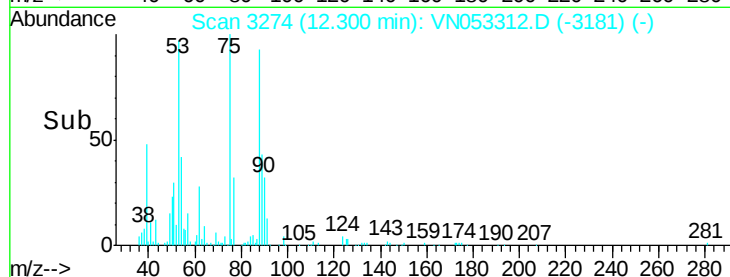
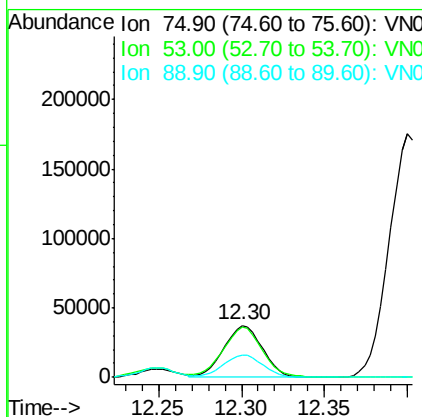
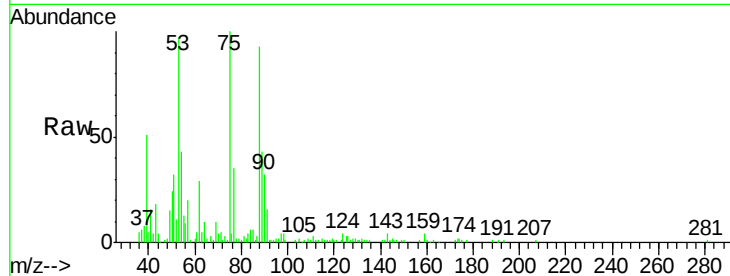
#81
trans-1,4-Dichloro-2-butene
Concen: 19.076 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0108WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.0	70.5	105.7
89	44.4	35.4	53.0

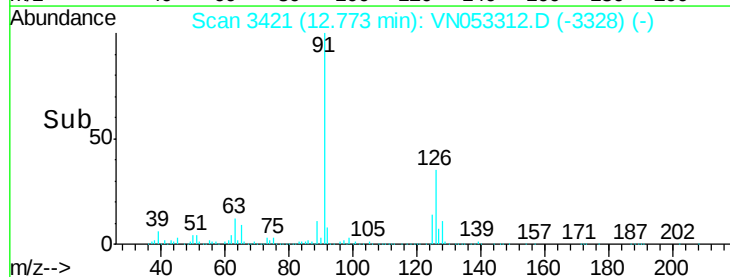
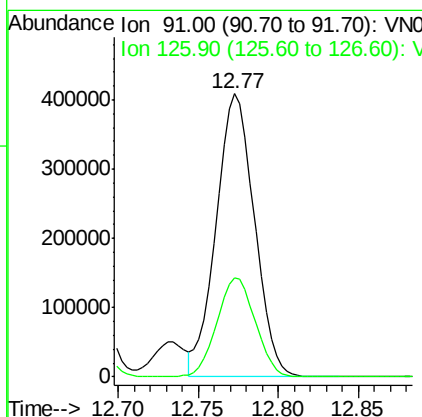
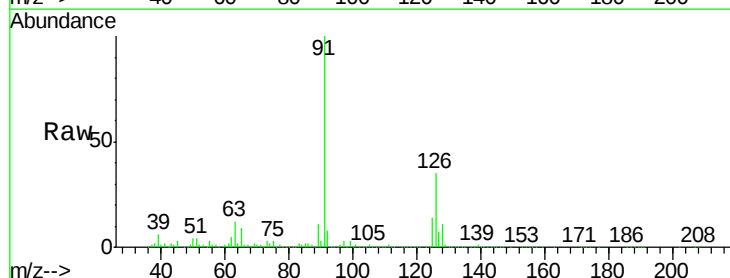
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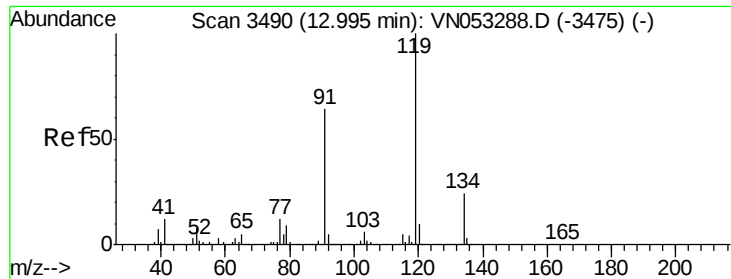
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#82
4-Chlorotoluene
Concen: 19.990 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.4	52.2





#83

tert-Butylbenzene

Concen: 19.745 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Instrument :

MSVOA_N

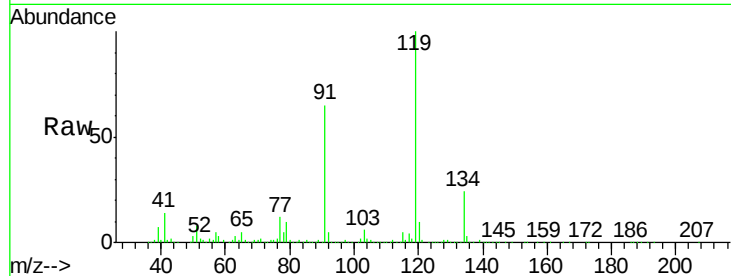
ClientSampled :

VN0108WBS01

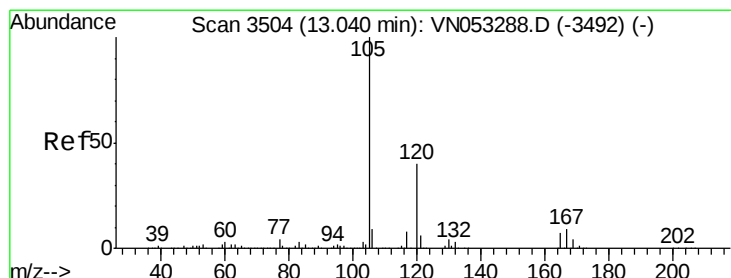
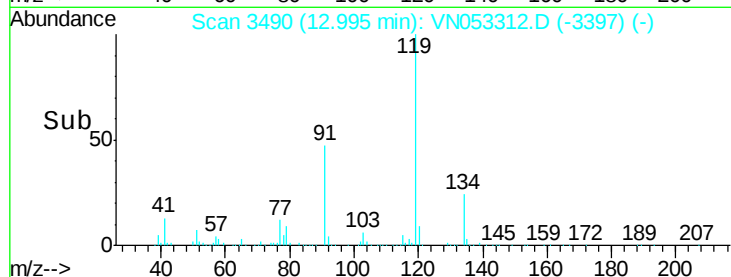
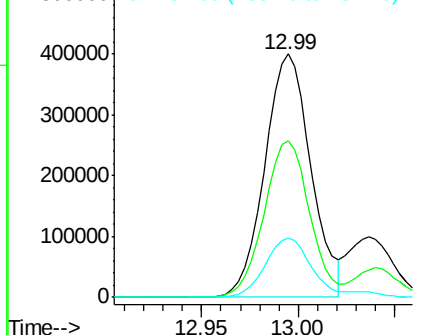
Tot Ion:	119	Resp:	664642
Ion Ratio	Lower	Upper	
119	100		
91	63.4	31.6	95.0
134	24.3	12.9	38.6

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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.139 ug/l

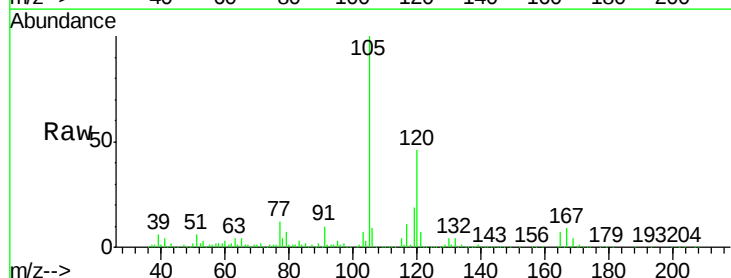
RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

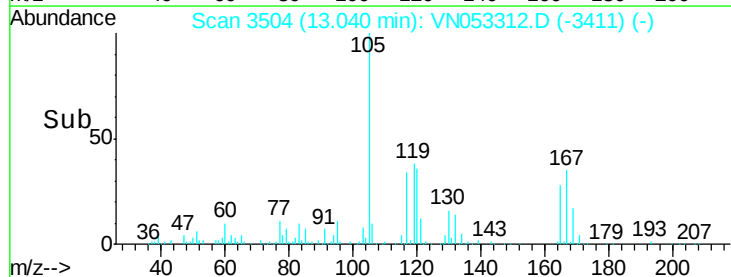
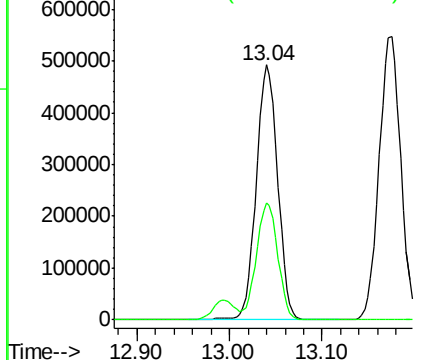
Lab File: VN053312.D

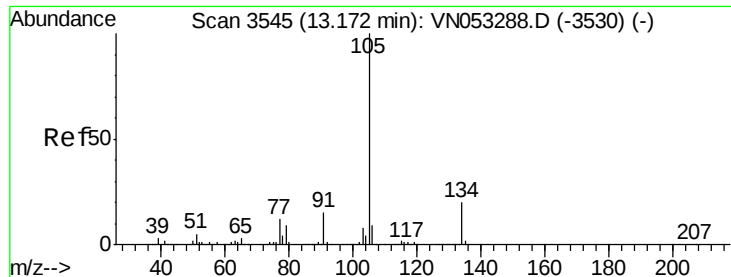
Acq: 8 Jan 2019 12:24

Tgt Ion:	105	Resp:	787164
Ion Ratio	Lower	Upper	
105	100		
120	46.1	23.0	69.0



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





#85

sec-Butylbenzene

Concen: 19.805 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0108WBS01

Tot Ion:105 Resp: 879193

Ion Ratio Lower Upper

105 100

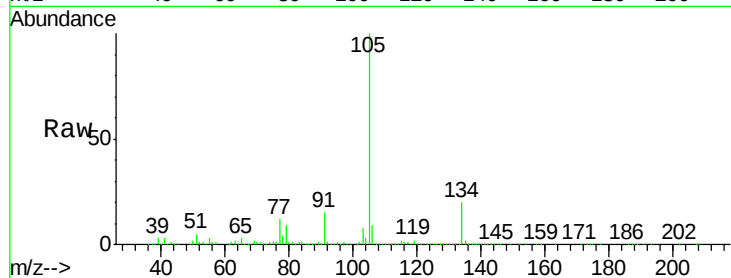
134 20.6 10.2 30.6

Manual Integrations

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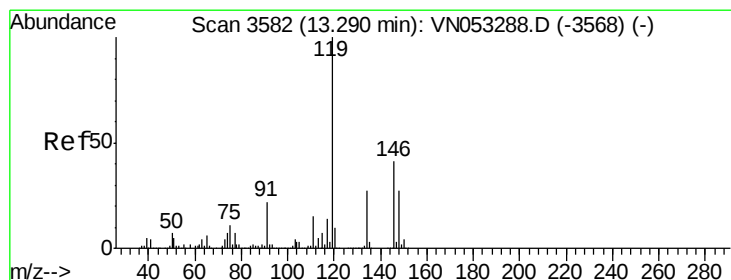
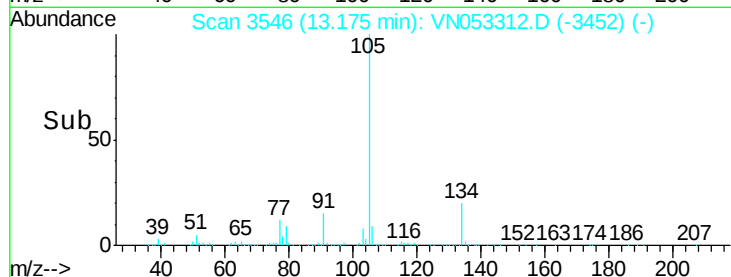
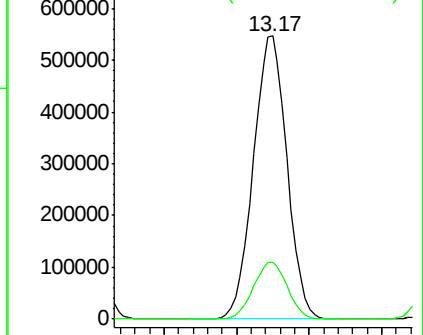
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.034 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

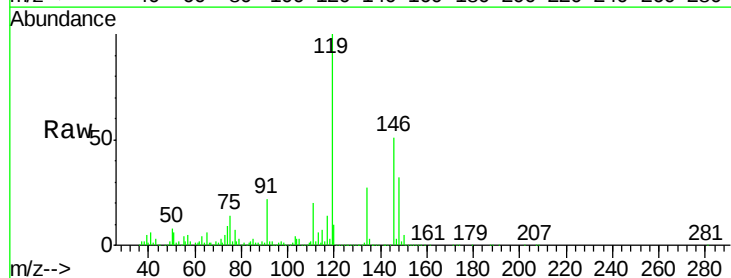
Tgt Ion:119 Resp: 770044

Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.1

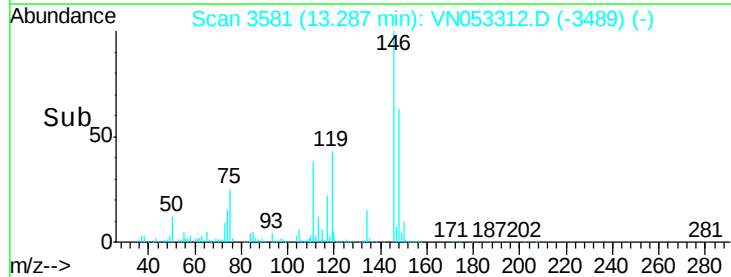
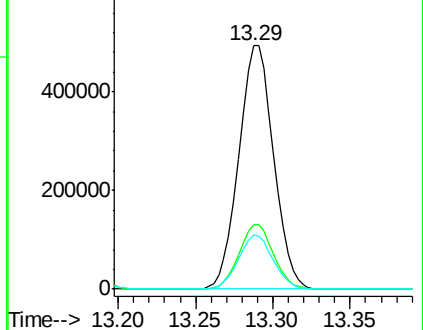
91 21.6 11.1 33.1

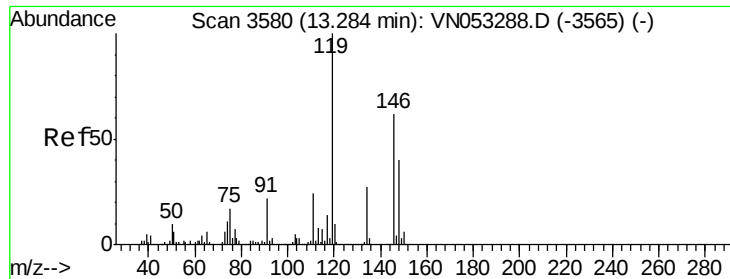


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





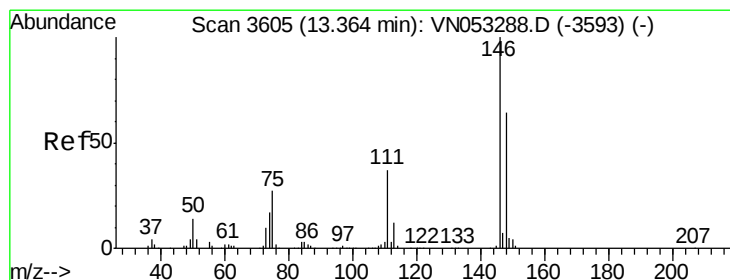
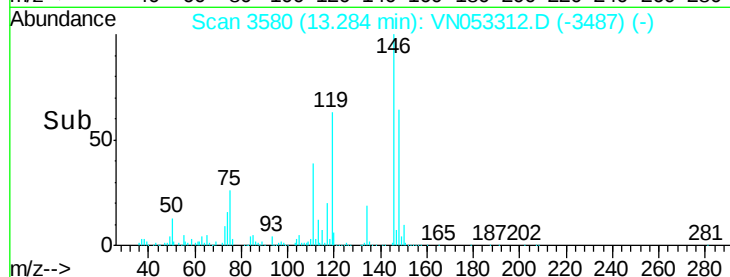
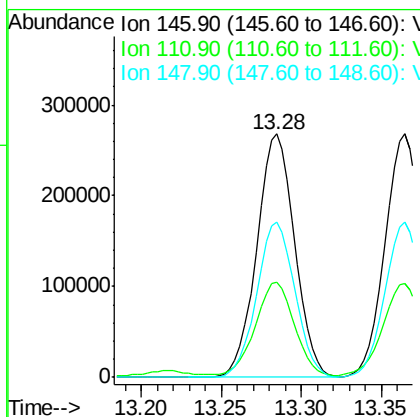
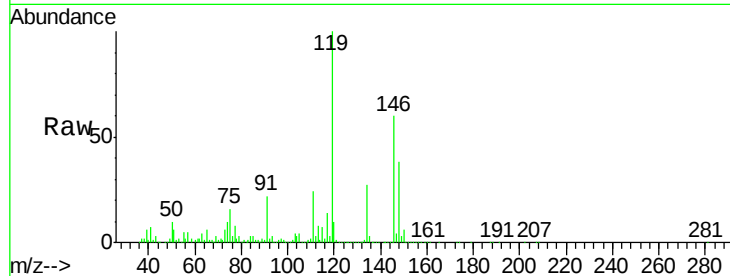
#87
 1,3-Dichlorobenzene
 Concen: 19.621 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN053312.D
 Acq: 8 Jan 2019 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0108WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.9	56.5
148	64.1	32.0	96.2

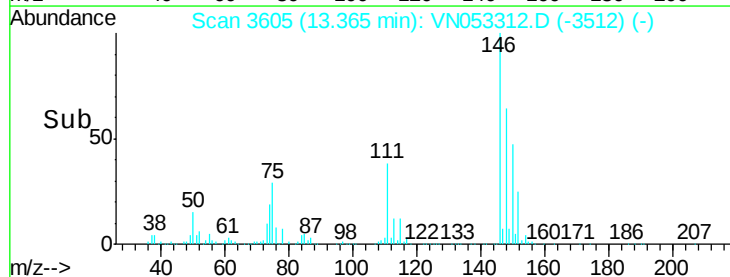
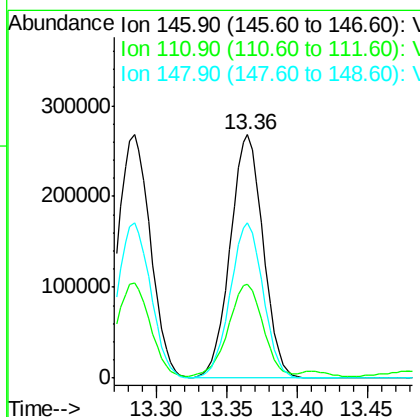
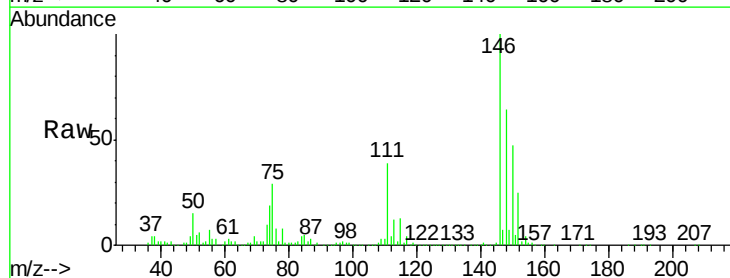
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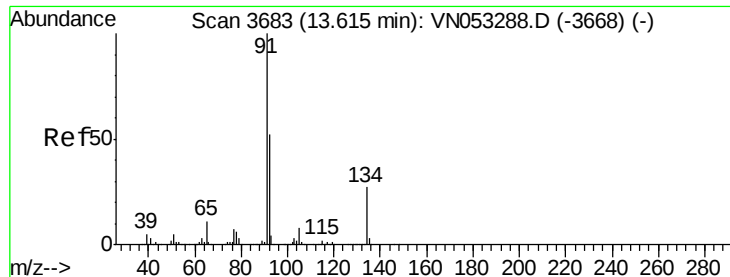
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#88
 1,4-Dichlorobenzene
 Concen: 19.669 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN053312.D
 Acq: 8 Jan 2019 12:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	18.6	55.8
148	64.0	32.0	96.0





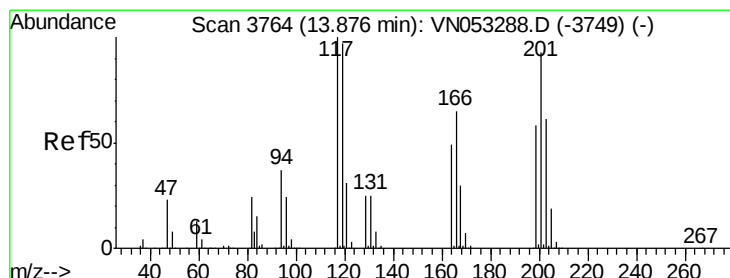
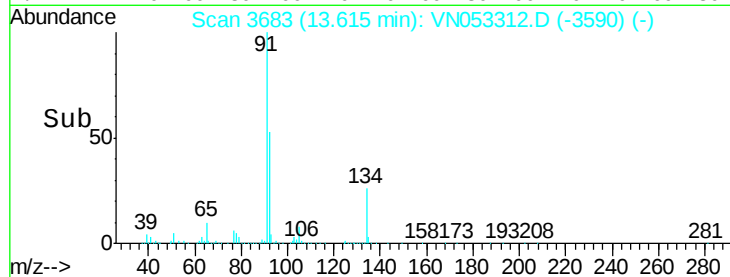
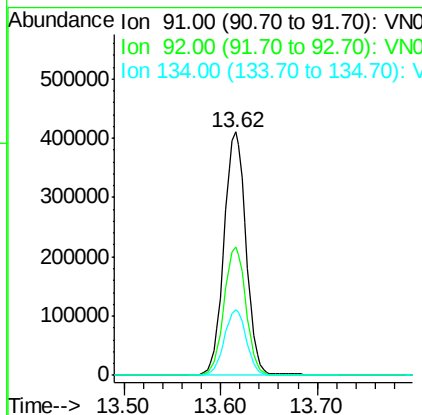
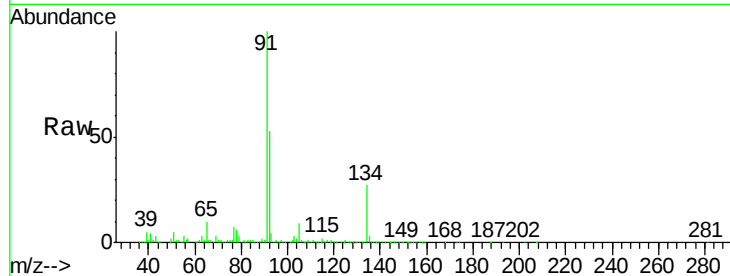
#89
n-Butylbenzene
Concen: 20.040 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Instrument :
MSVOA_N
ClientSampled :
VN0108WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.3	78.8
134	27.1	13.5	40.5

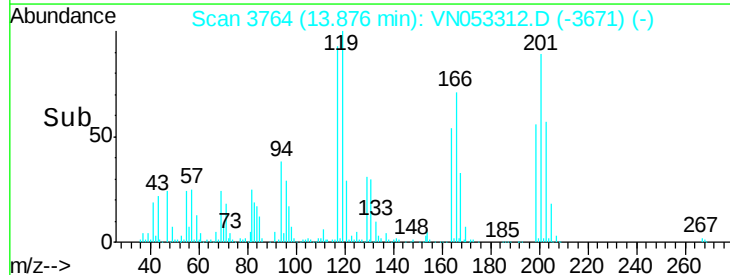
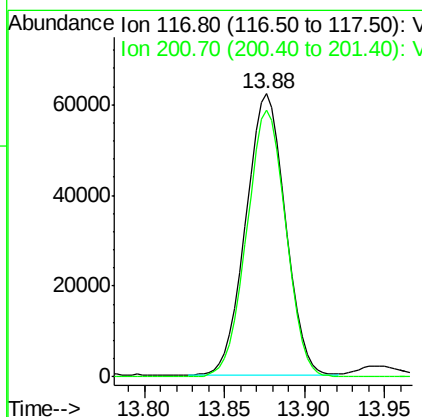
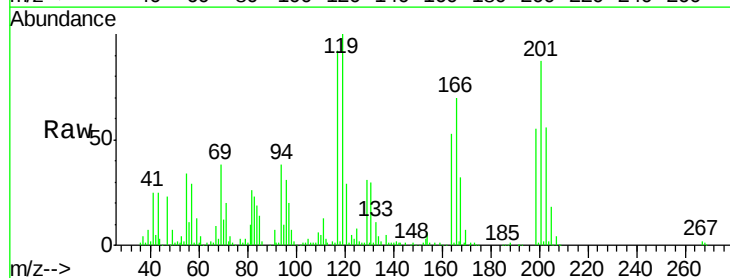
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#90
Hexachloroethane
Concen: 17.116 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN053312.D
Acq: 8 Jan 2019 12:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.7	46.1	138.3





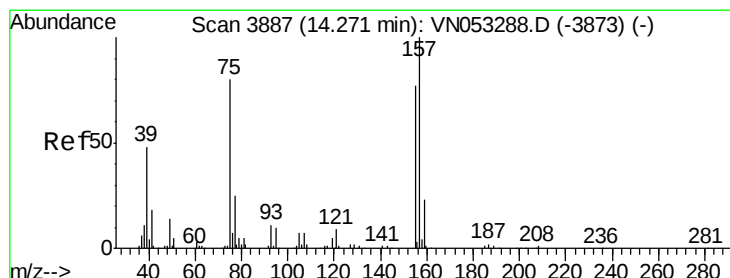
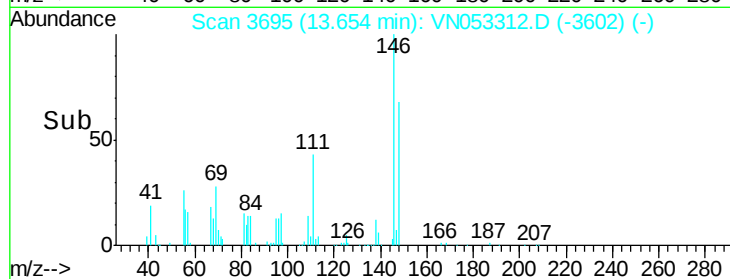
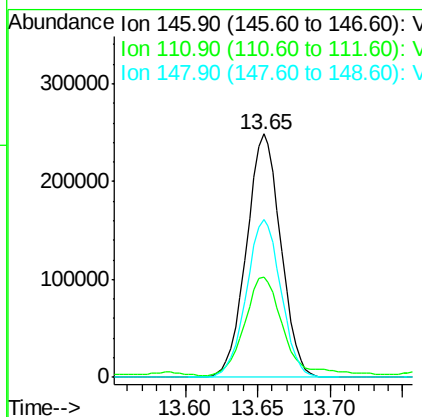
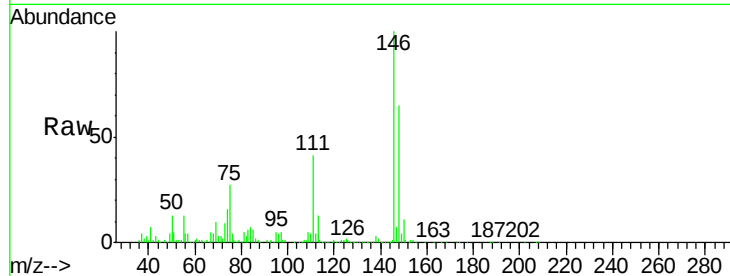
#91
 1,2-Dichlorobenzene
 Concen: 19.530 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN053312.D
 Acq: 8 Jan 2019 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0108WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	409535		
111	45.9	19.4	58.2	
148	65.3	32.2	96.6	

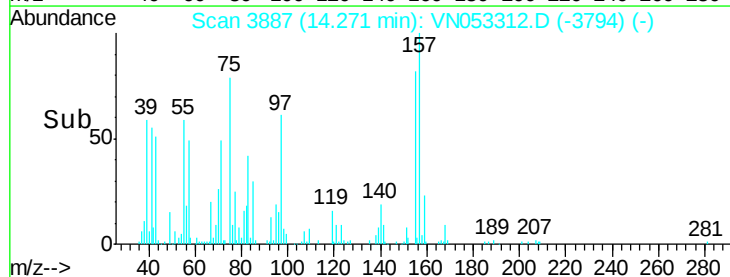
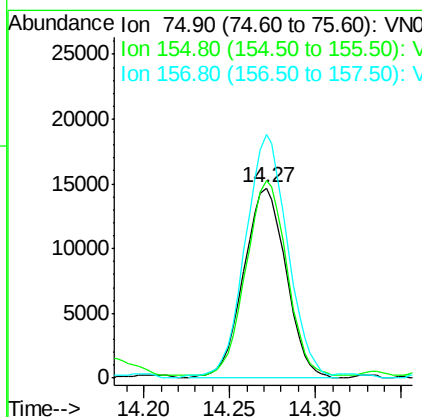
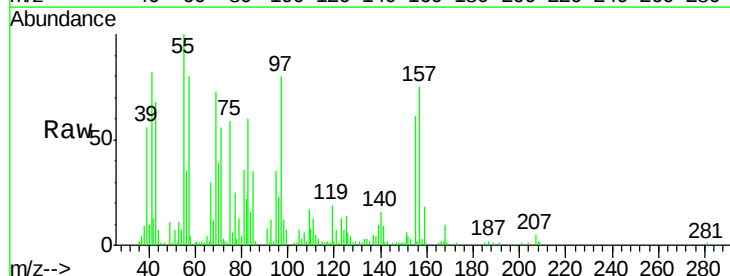
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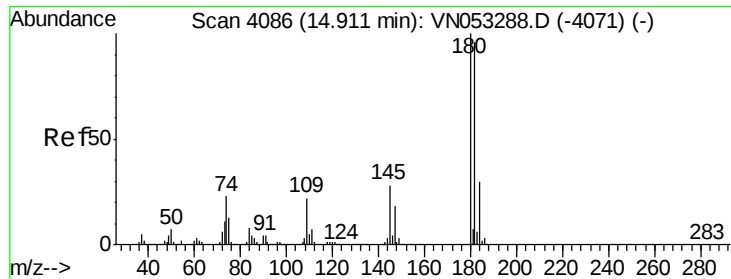
MMDadoda
 1/9/2019 10:57:46 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.958 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN053312.D
 Acq: 8 Jan 2019 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	25195		
155	97.6	48.1	144.3	
157	128.0	61.5	184.4	





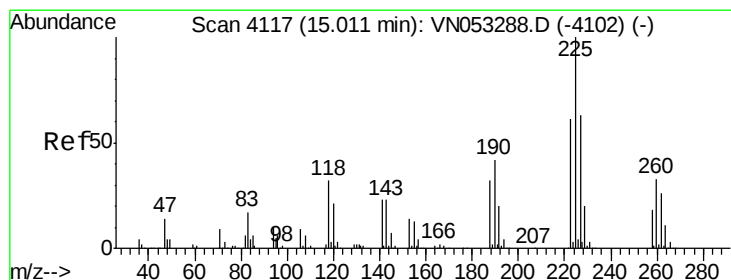
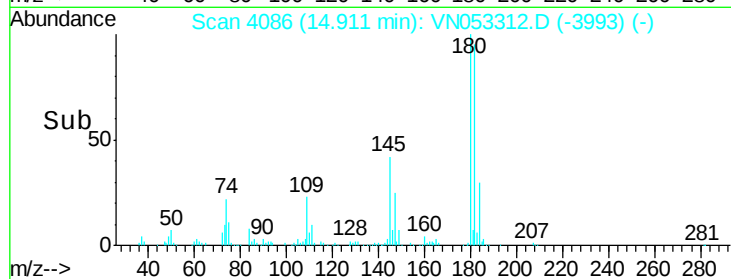
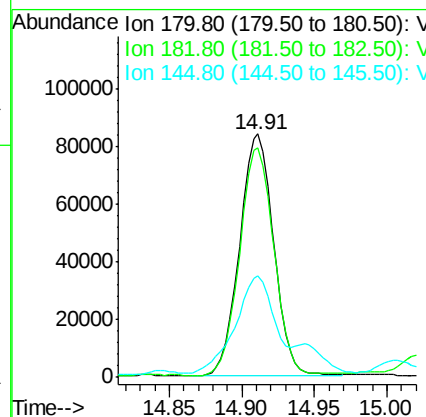
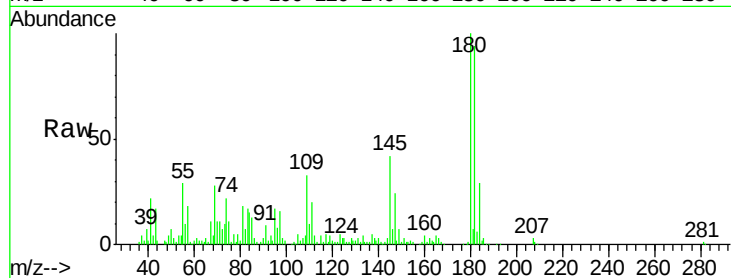
#93
 1,2,4-Trichlorobenzene
 Concen: 20.727 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN053312.D
 Acq: 8 Jan 2019 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0108WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.5	47.8	143.4	
145	46.8	14.4	43.0	

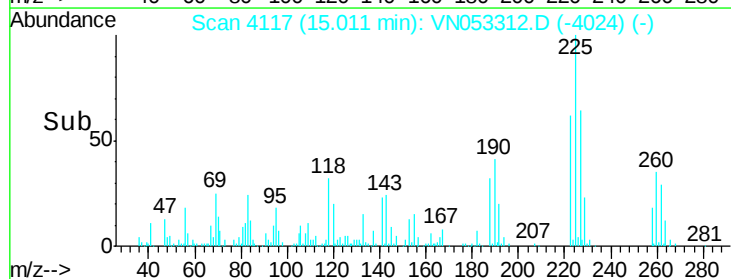
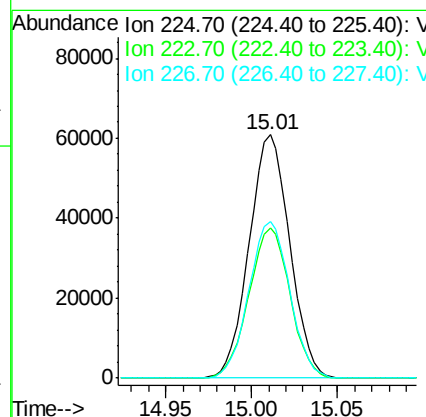
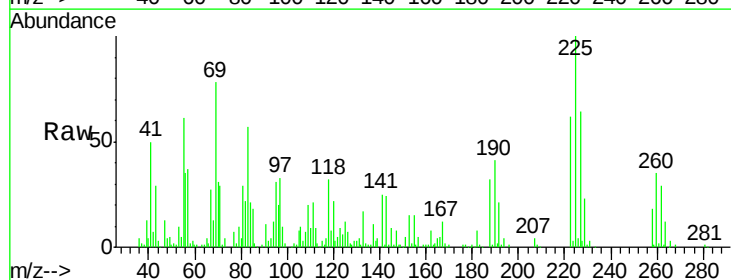
Manual Integrations
 APPROVED

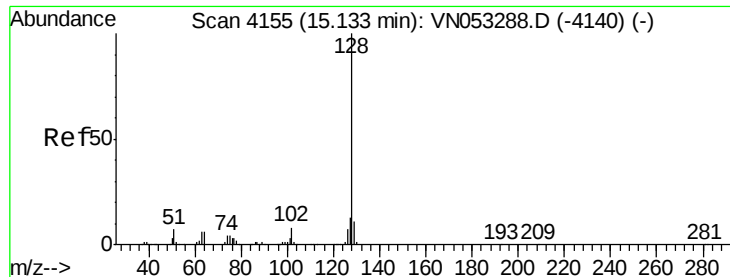
MMDadoda
 1/9/2019 10:57:46 AM



#94
 Hexachlorobutadiene
 Concen: 18.472 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053312.D
 Acq: 8 Jan 2019 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.4	30.9	92.8	
227	64.7	31.4	94.2	





#95

Naphthalene

Concen: 23.674 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Instrument :

MSVOA_N

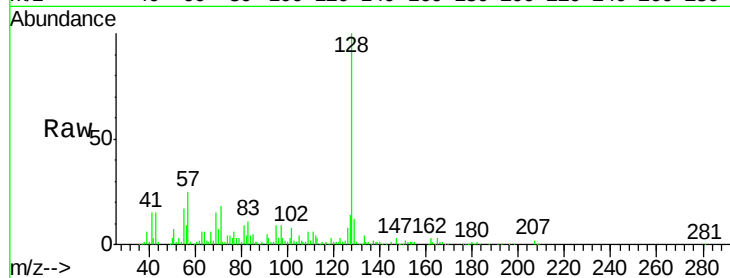
ClientSampleId :

VN0108WBS01

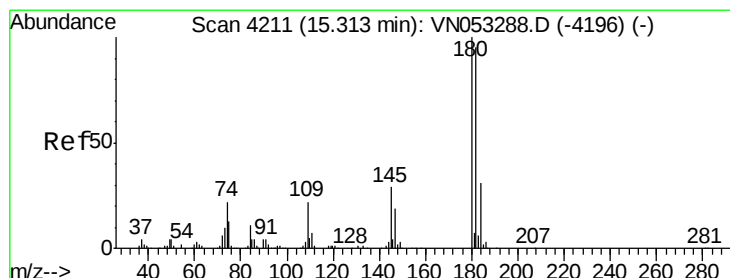
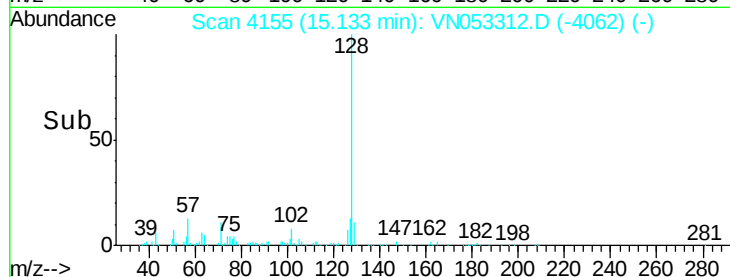
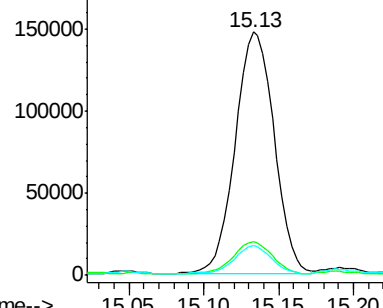
Tot Ion:	128	Resp:	266287
Ion Ratio	Lower	Upper	
128	100		
127	13.8	10.4	15.6
129	11.4	8.7	13.1

Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 22.799 ug/l

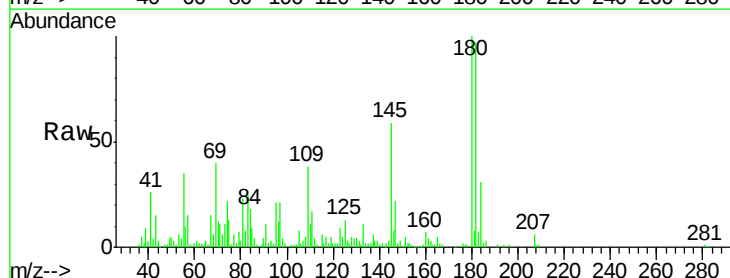
RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN053312.D

Acq: 8 Jan 2019 12:24

Tgt Ion:	180	Resp:	98419
Ion Ratio	Lower	Upper	
180	100		
182	92.1	48.4	145.0
145	85.1	14.9	44.5#



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

