

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012120\
 Data File : VN059804.D
 Acq On : 21 Jan 2020 12:05
 Operator : JC/MD
 Sample : VN0121WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/22/2020 11:14:50 AM

Quant Time: Jan 22 03:11:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	206591	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	315240	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	283320	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	133576	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	114535	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
35) Dibromofluoromethane	7.56	113	97848	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	
50) Toluene-d8	10.08	98	374450	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
62) 4-Bromofluorobenzene	12.40	95	130399	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	47348	19.116	ug/l	99
3) Chloromethane	2.04	50	43997	18.602	ug/l	97
4) Vinyl Chloride	2.17	62	55091	20.357	ug/l	98
5) Bromomethane	2.54	94	34176	20.694	ug/l	98
6) Chloroethane	2.69	64	25358	19.806	ug/l	99
7) Trichlorofluoromethane	3.00	101	65647	20.199	ug/l	97
8) Diethyl Ether	3.38	74	23209	20.349	ug/l	79
9) 1,1,2-Trichlorotrifluoroet	3.74	101	37263	20.601	ug/l	92
10) Methyl Iodide	3.93	142	55280	18.907	ug/l	95
11) Tert butyl alcohol	4.73	59	35773	92.622	ug/l	98
12) 1,1-Dichloroethene	3.72	96	37101	19.629	ug/l	86
13) Acrolein	3.58	56	17122	62.626	ug/l	98
14) Allyl chloride	4.29	41	53585	21.033	ug/l #	92
15) Acrylonitrile	4.94	53	84347	95.739	ug/l	99
16) Acetone	3.78	43	77437	92.660	ug/l	95
17) Carbon Disulfide	4.03	76	99083	18.402	ug/l	99
18) Methyl Acetate	4.29	43	51287	19.138	ug/l	92
19) Methyl tert-butyl Ether	5.00	73	121415	19.702	ug/l	98
20) Methylene Chloride	4.52	84	42619	19.750	ug/l	88
21) trans-1,2-Dichloroethene	5.01	96	38637	19.231	ug/l	86
22) Diisopropyl ether	5.91	45	111774	19.360	ug/l #	92
23) Vinyl Acetate	5.86	43	428650	95.895	ug/l #	93
24) 1,1-Dichloroethane	5.82	63	69592	19.727	ug/l	98
25) 2-Butanone	6.80	43	111197	85.588	ug/l	91
26) 2,2-Dichloropropane	6.79	77	65850	19.417	ug/l	95
27) cis-1,2-Dichloroethene	6.80	96	46210	19.997	ug/l	86
28) Bromochloromethane	7.17	49	26899	19.078	ug/l #	69
29) Tetrahydrofuran	7.18	42	72264	89.897	ug/l #	87
30) Chloroform	7.35	83	73095	19.998	ug/l	99
31) Cyclohexane	7.63	56	62076	18.287	ug/l #	86
32) 1,1,1-Trichloroethane	7.54	97	66963	19.814	ug/l	95
36) 1,1-Dichloropropene	7.77	75	54533	19.865	ug/l	97
37) Ethyl Acetate	6.90	43	46956	18.237	ug/l	96
38) Carbon Tetrachloride	7.75	117	60055	20.111	ug/l	99

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MMDadoda
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	66479	19.640	ug/l	90
40) Benzene	8.02	78	161108	19.678	ug/l	99
41) Methacrylonitrile	7.14	41	17870m	14.091	ug/l	
42) 1,2-Dichloroethane	8.10	62	56844	20.478	ug/l	97
43) Isopropyl Acetate	8.14	43	80545	18.187	ug/l #	94
44) Trichloroethene	8.82	130	47372	21.195	ug/l	95
45) 1,2-Dichloropropane	9.10	63	41344	20.407	ug/l	97
46) Dibromomethane	9.19	93	28915	20.233	ug/l	91
47) Bromodichloromethane	9.38	83	59086	20.517	ug/l	97
48) Methyl methacrylate	9.18	41	35802	18.073	ug/l	89
49) 1,4-Dioxane	9.18	88	15220	419.697	ug/l	87
51) 4-Methyl-2-Pentanone	9.97	43	234259	91.503	ug/l	94
52) Toluene	10.14	92	103503	20.014	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	63922	19.878	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	68728	20.313	ug/l	92
55) 1,1,2-Trichloroethane	10.55	97	40827	19.933	ug/l	97
56) Ethyl methacrylate	10.42	69	58386	18.656	ug/l	92
57) 1,3-Dichloropropane	10.70	76	66420	20.426	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	95556	101.369	ug/l #	90
59) 2-Hexanone	10.74	43	169122	89.670	ug/l	94
60) Dibromochloromethane	10.89	129	47613	20.414	ug/l	99
61) 1,2-Dibromoethane	10.99	107	43120	20.086	ug/l	98
64) Tetrachloroethene	10.62	164	48810	21.138	ug/l	95
65) Chlorobenzene	11.43	112	113796	20.435	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	45513	21.152	ug/l	97
67) Ethyl Benzene	11.50	91	202998	20.081	ug/l	98
68) m/p-Xylenes	11.62	106	153649	40.237	ug/l	93
69) o-Xylene	11.94	106	75025	20.068	ug/l	94
70) Styrene	11.96	104	119924	19.170	ug/l	97
71) Bromoform	12.12	173	35087	20.357	ug/l #	98
73) Isopropylbenzene	12.24	105	200811	20.498	ug/l	100
74) N-amyl acetate	12.07	43	67955	17.877	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	55200	19.437	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	50505m	22.467	ug/l	
77) Bromobenzene	12.52	156	51156	20.621	ug/l	80
78) n-propylbenzene	12.59	91	222503	20.236	ug/l	97
79) 2-Chlorotoluene	12.67	91	132129	20.200	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	167814	20.369	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	19370	18.504	ug/l	97
82) 4-Chlorotoluene	12.77	91	132394	20.179	ug/l	95
83) tert-Butylbenzene	12.99	119	148113	20.786	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	166377	20.413	ug/l	98
85) sec-Butylbenzene	13.17	105	189879	20.282	ug/l	99
86) p-Isopropyltoluene	13.28	119	174392	20.132	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	87326	20.264	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	87827	20.430	ug/l	98
89) n-Butylbenzene	13.61	91	145614	19.715	ug/l	98
90) Hexachloroethane	13.87	117	31924	19.697	ug/l	89
91) 1,2-Dichlorobenzene	13.65	146	88175	20.697	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11946	18.272	ug/l	85

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QLast Update : Sat Jan 18 03:09:32 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	50642	19.783	ug/l	100
94) Hexachlorobutadiene	15.01	225	28316	20.073	ug/l	99
95) Naphthalene	15.13	128	130342	17.901	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	48595	19.503	ug/l	98

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

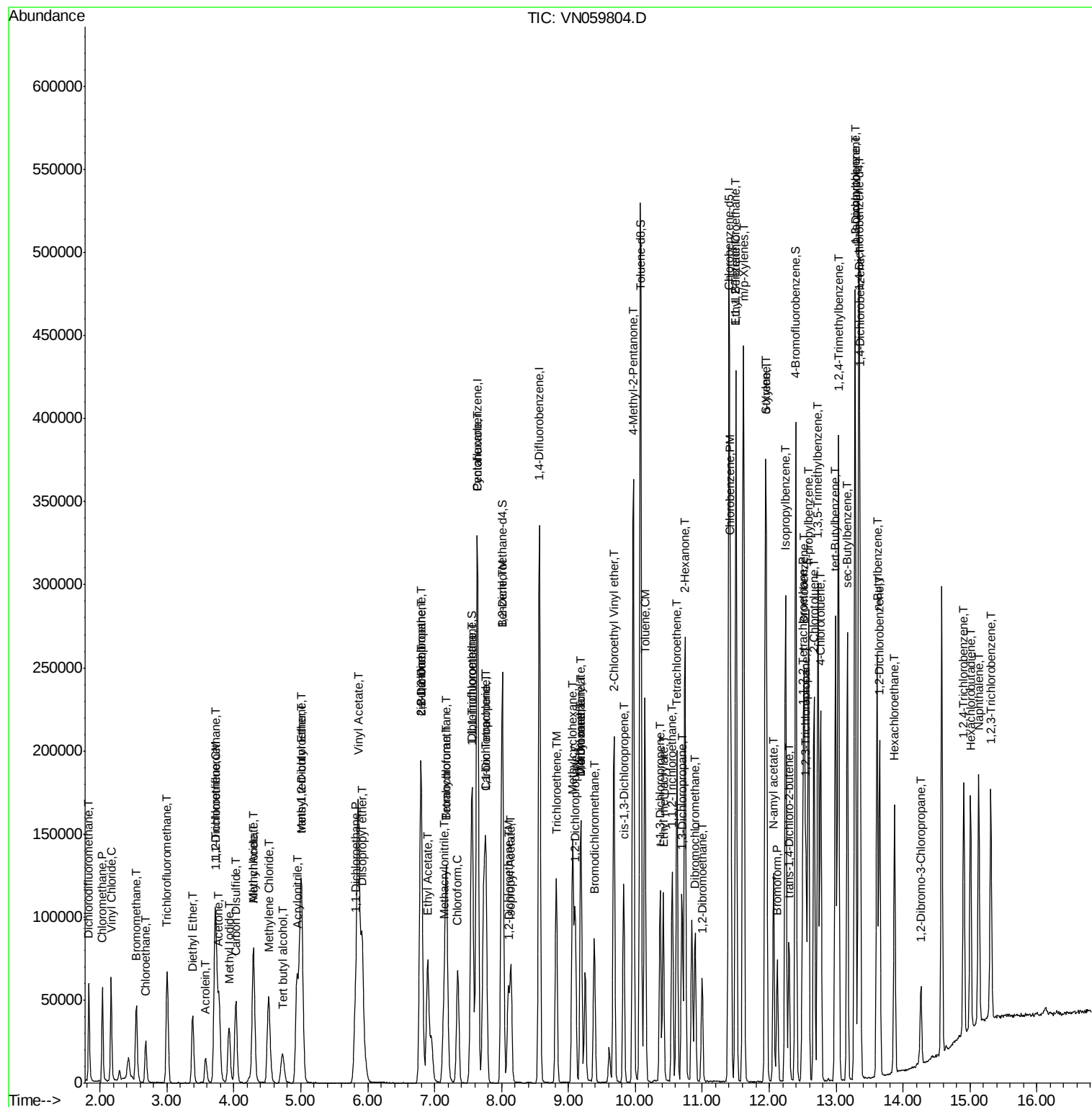
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012120\
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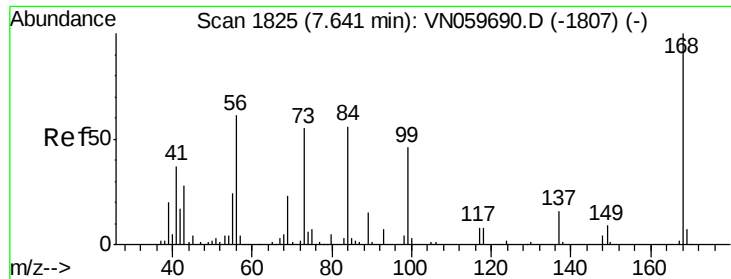
Instrument :
 MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059804.D

Acq: 21 Jan 2020 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN0121WBS01

Tot Ion:168 Resp: 206591

Ion Ratio Lower Upper

168 100

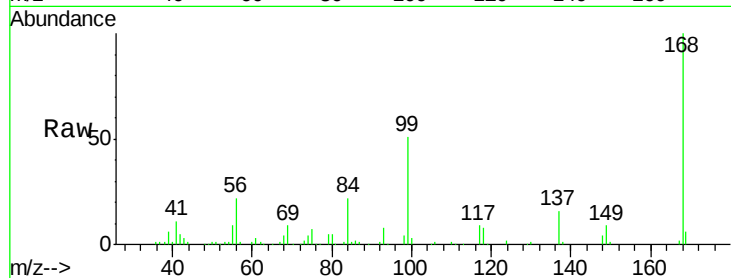
99 50.9 48.2 72.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

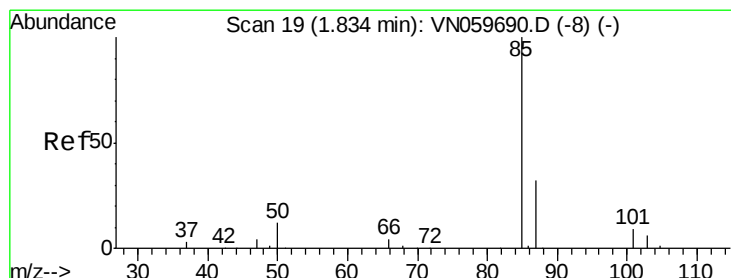
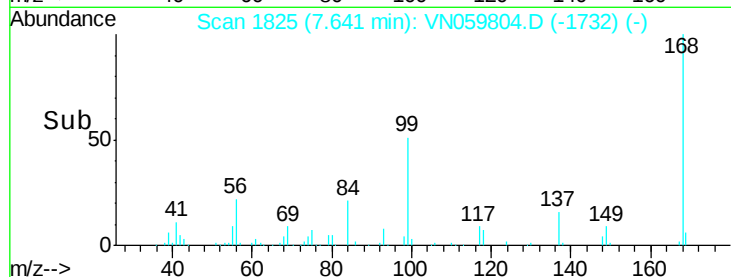
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.116 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN059804.D

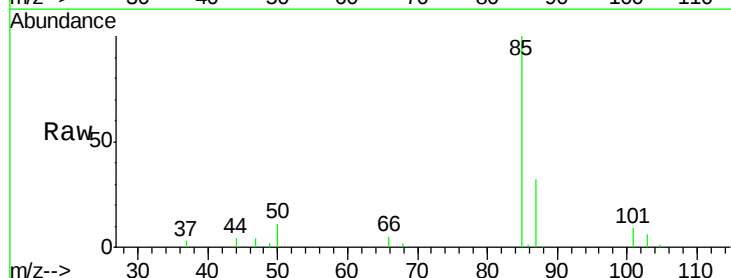
Acq: 21 Jan 2020 12:05

Tgt Ion: 85 Resp: 47348

Ion Ratio Lower Upper

85 100

87 32.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

40000

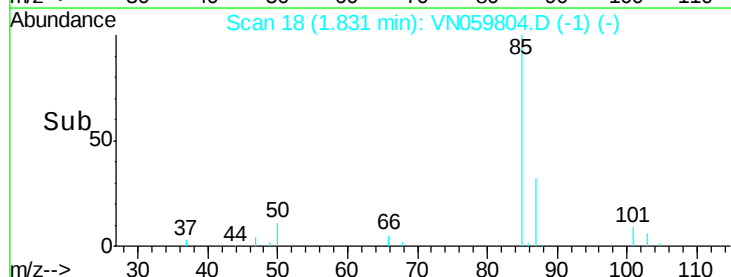
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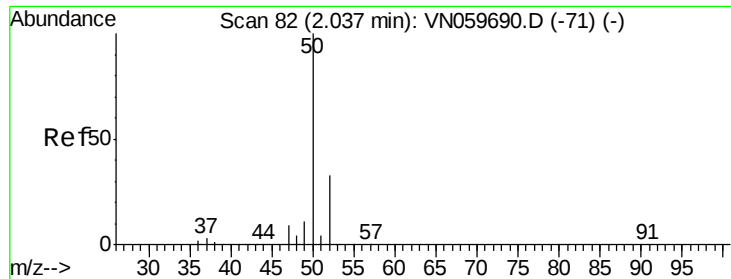
20000

10000

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Time-->





#3

Chloromethane

Concen: 18.602 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN059804.D

Acq: 21 Jan 2020 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN0121WBS01

Tot Ion: 50 Resp: 43997

Ion Ratio Lower Upper

50 100

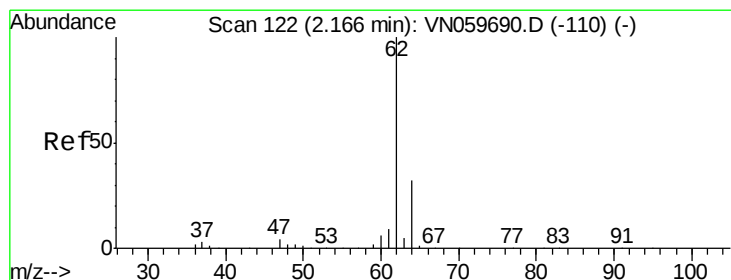
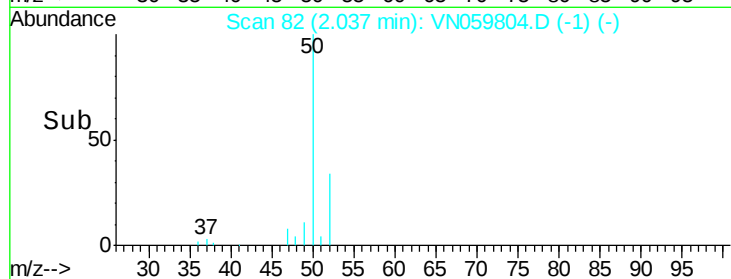
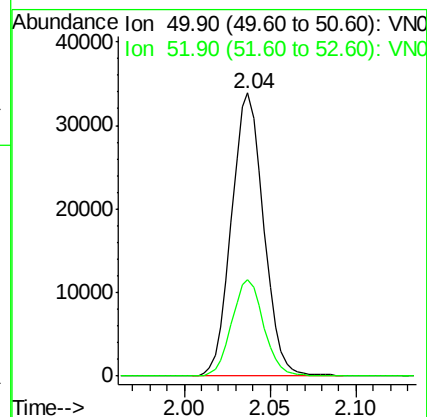
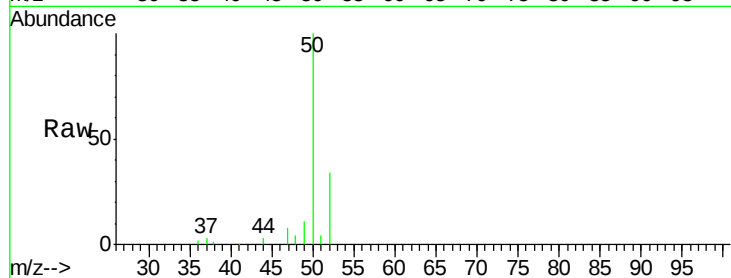
52 34.1 25.9 38.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.357 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059804.D

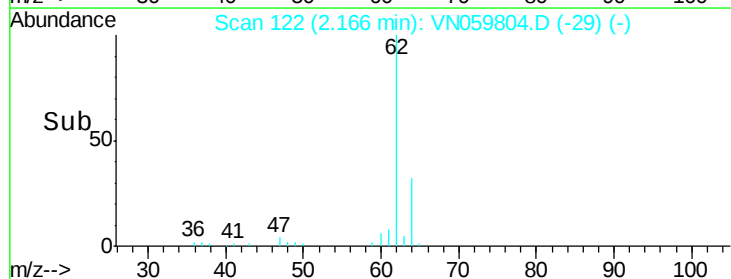
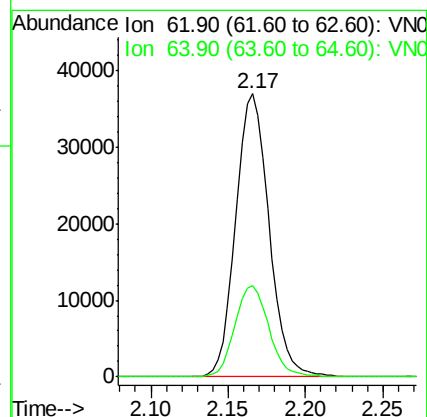
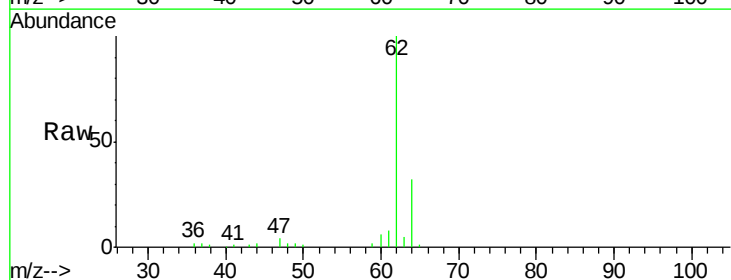
Acq: 21 Jan 2020 12:05

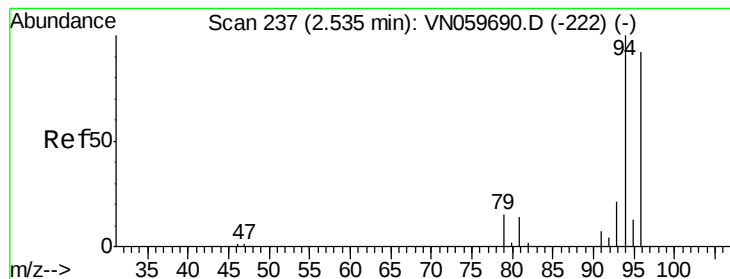
Tgt Ion: 62 Resp: 55091

Ion Ratio Lower Upper

62 100

64 32.2 24.6 37.0





#5

Bromomethane

Concen: 20.694 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.01 min

Lab File: VN059804.D

Acq: 21 Jan 2020 12:05

Instrument :

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ClientSampleId :

VN0121WBS01

Tot Ion: 94 Resp: 34176

Ion Ratio Lower Upper

94 100

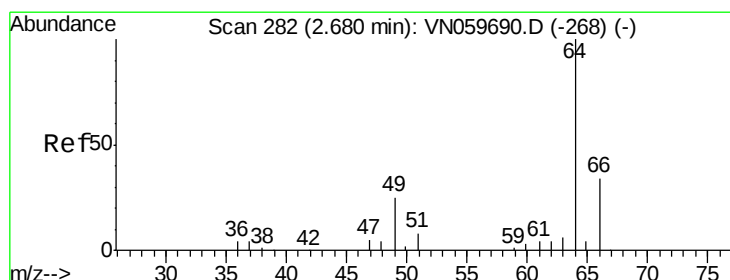
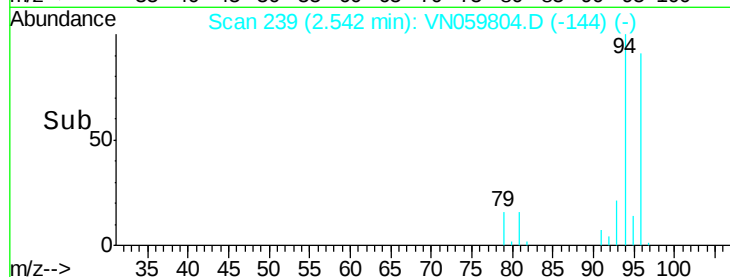
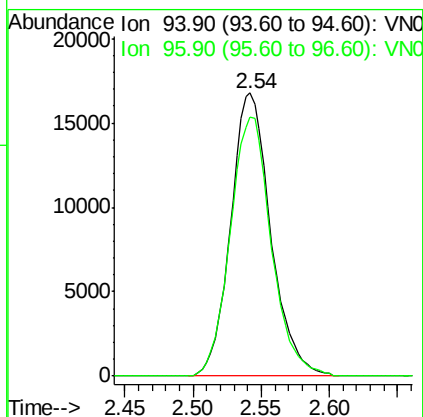
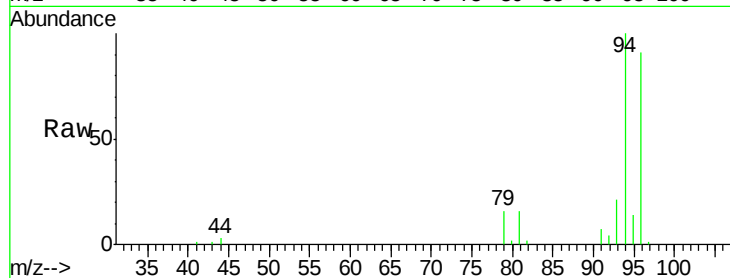
96 91.5 74.7 112.1

Manual Integrations

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#6

Chloroethane

Concen: 19.806 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.01 min

Lab File: VN059804.D

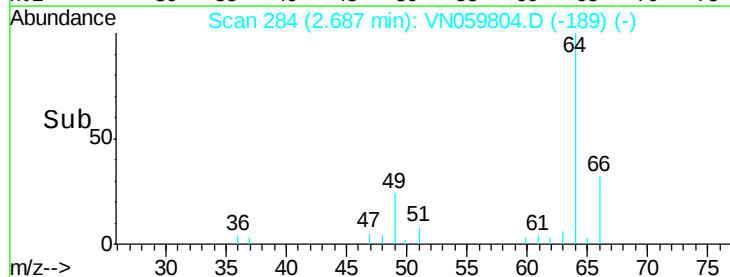
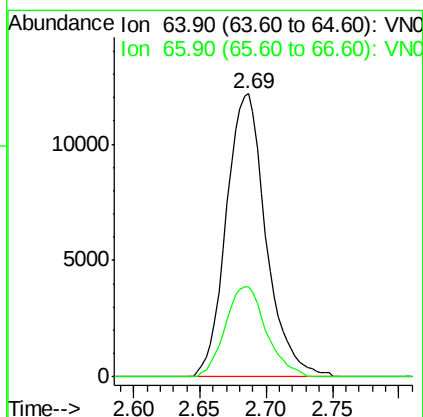
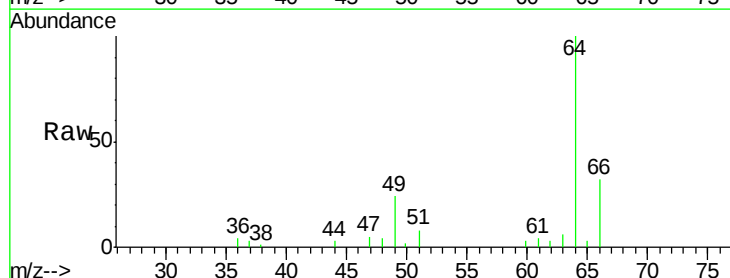
Acq: 21 Jan 2020 12:05

Tgt Ion: 64 Resp: 25358

Ion Ratio Lower Upper

64 100

66 31.9 25.1 37.7





#7

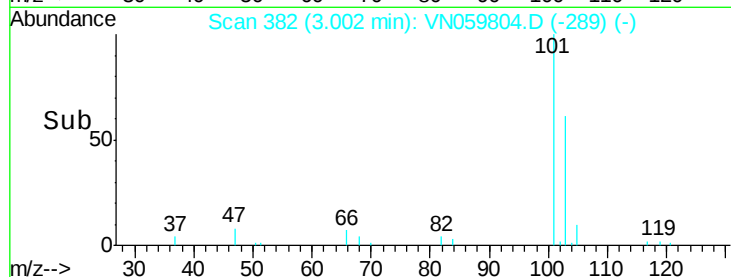
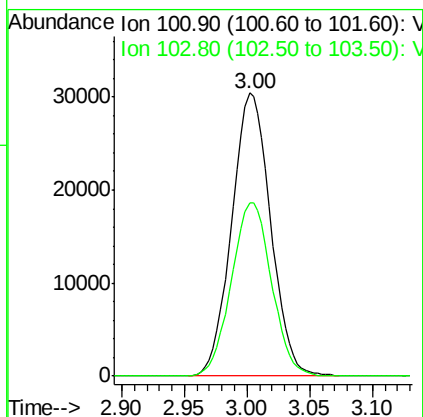
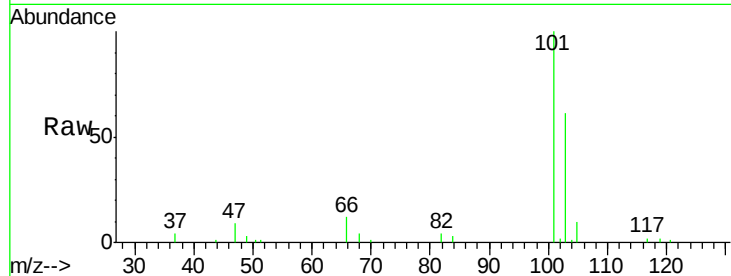
Trichlorofluoromethane
Concen: 20.199 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.00 min
Lab File: VN059804.D
Acq: 21 Jan 2020 12:05

Instrument :
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ClientSampleId :
VN0121WBS01

Tot Ion:101 Resp: 65647
Ion Ratio Lower Upper
101 100
103 61.2 51.0 76.6

Manual Integrations
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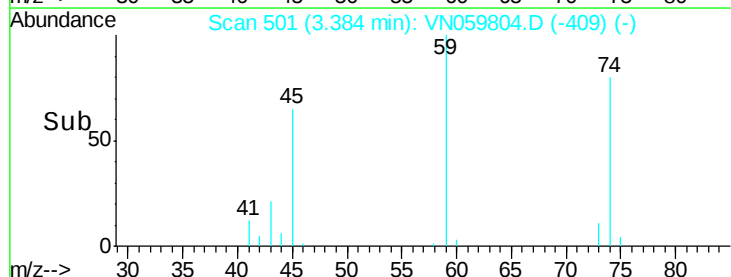
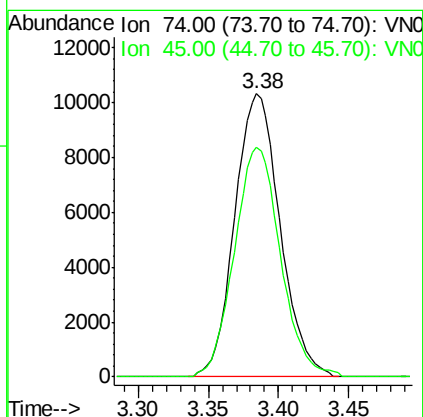
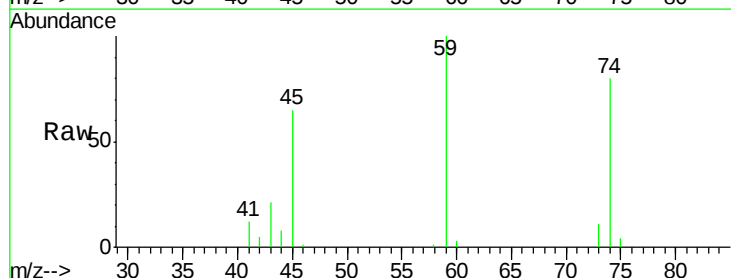
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#8

Diethyl Ether
Concen: 20.349 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN059804.D
Acq: 21 Jan 2020 12:05

Tgt Ion: 74 Resp: 23209
Ion Ratio Lower Upper
74 100
45 82.5 51.9 155.8





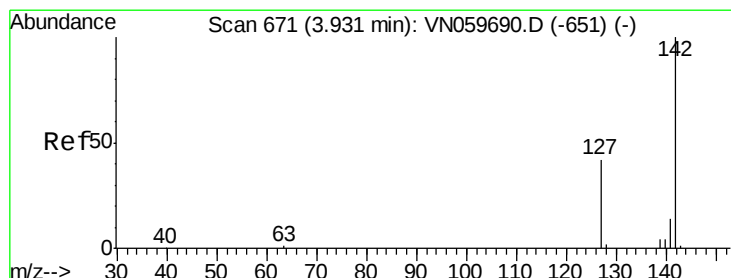
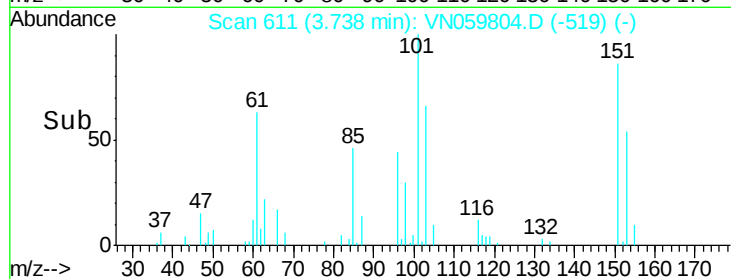
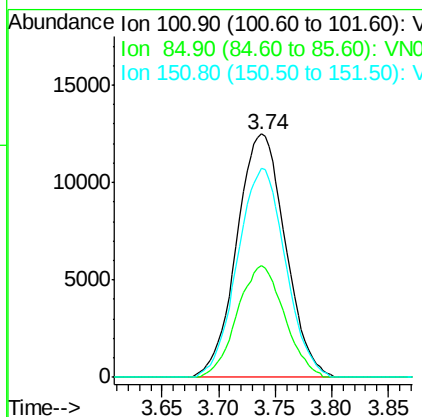
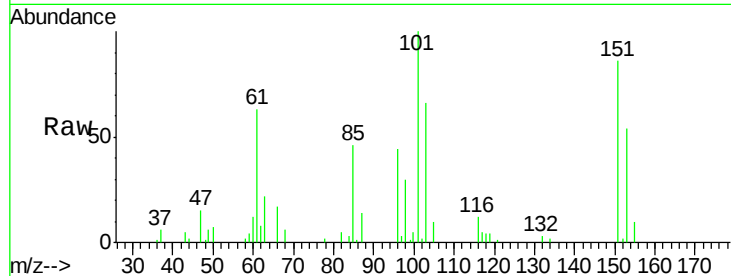
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.601 ug/l
RT: 3.74 min Scan# 611
Delta R.T. -0.00 min
Lab File: VN059804.D
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Instrument :
MSVOA_N
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
85	44.5	36.6	54.8
151	84.9	59.7	89.5

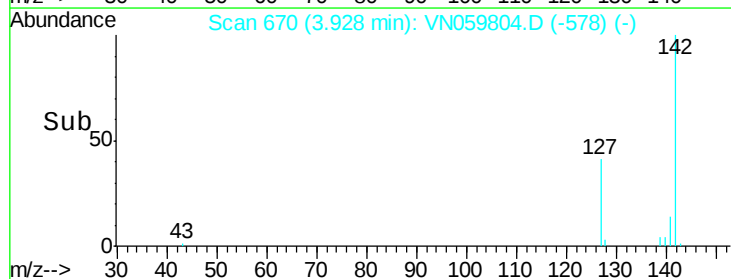
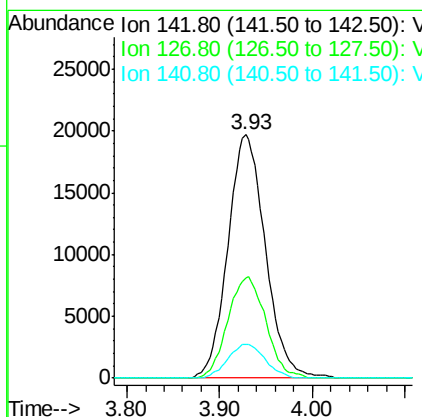
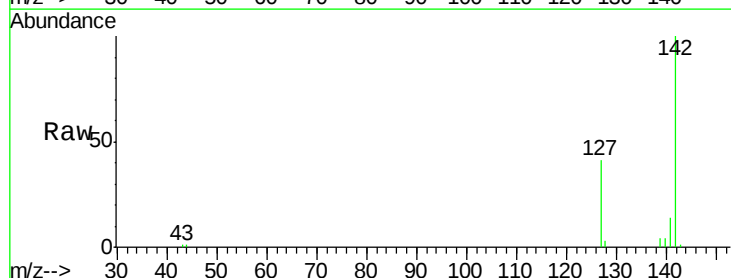
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#10
Methyl Iodide
Concen: 18.907 ug/l
RT: 3.93 min Scan# 670
Delta R.T. -0.00 min
Lab File: VN059804.D
Acq: 21 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.9	36.7	55.1
141	13.9	11.7	17.5





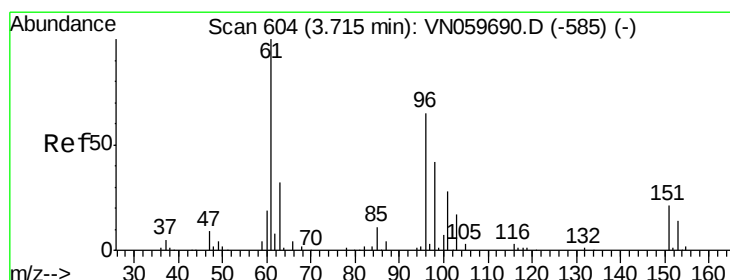
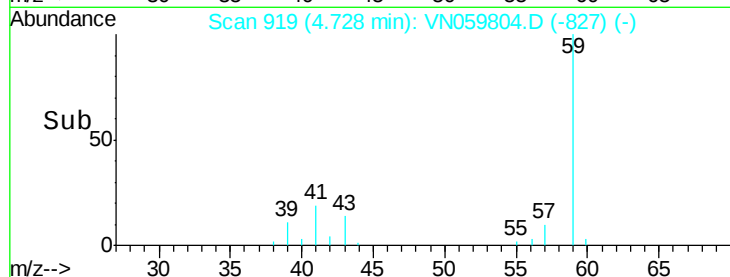
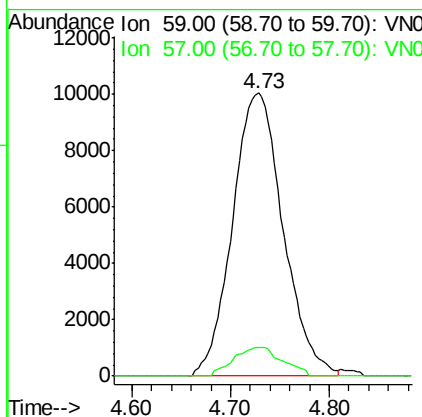
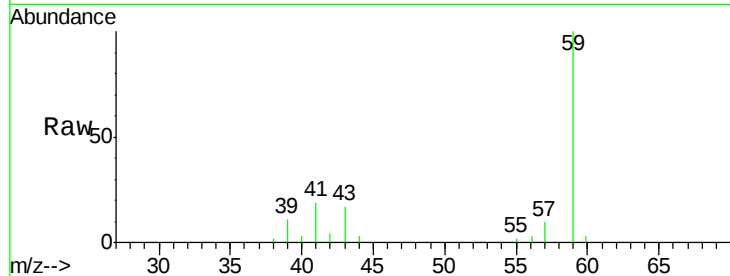
#11
Tert butyl alcohol
Concen: 92.622 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.00 min
Lab File: VN059804.D
Acq: 21 Jan 2020 12:05

Instrument :
MSVOA_N
ClientSampled :
VN0121WBS01

Tot Ion: 59 Resp: 35773
Ion Ratio Lower Upper
59 100
57 9.8 8.6 12.8

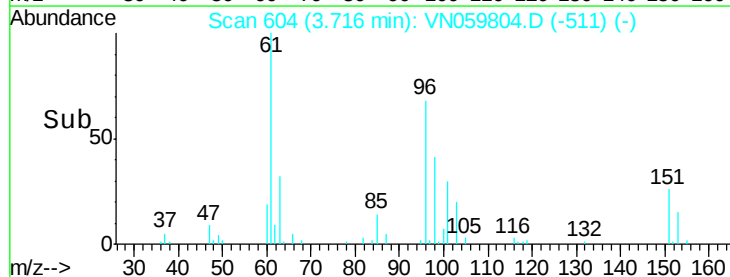
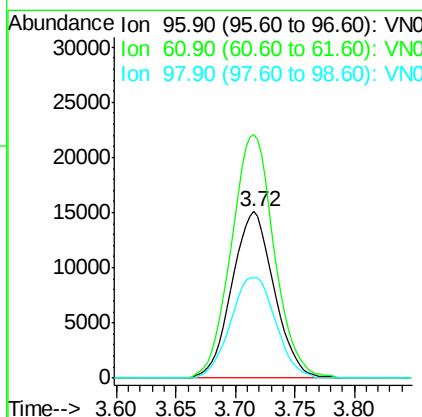
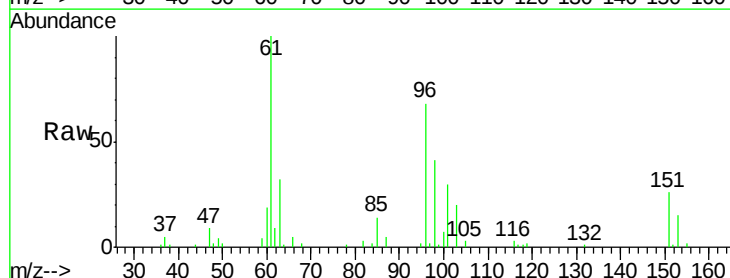
Manual Integrations
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#12
1,1-Dichloroethene
Concen: 19.629 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN059804.D
Acq: 21 Jan 2020 12:05

Tgt Ion: 96 Resp: 37101
Ion Ratio Lower Upper
96 100
61 146.2 137.5 206.3
98 60.4 50.2 75.4





#13

Acrolein

Concen: 62.626 ug/l

RT: 3.58 min Scan# 561

Delta R.T. 0.00 min

Lab File: VN059804.D

Acq: 21 Jan 2020 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN0121WBS01

Tot Ion: 56 Resp: 17122

Ion Ratio Lower Upper

56 100

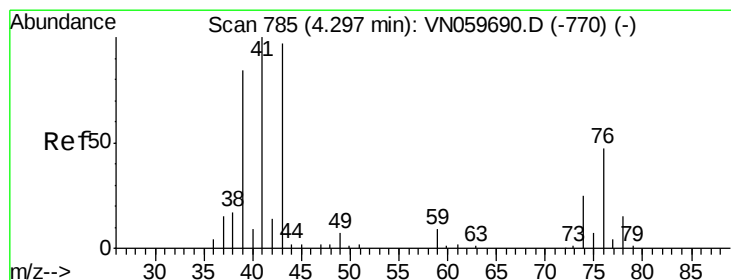
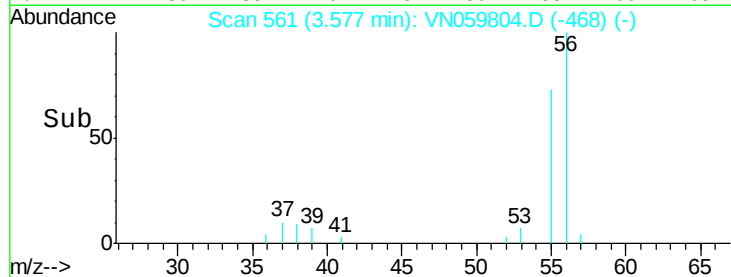
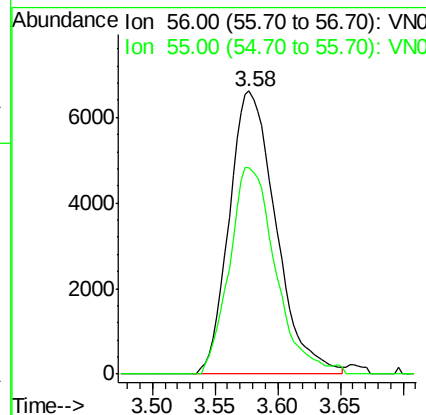
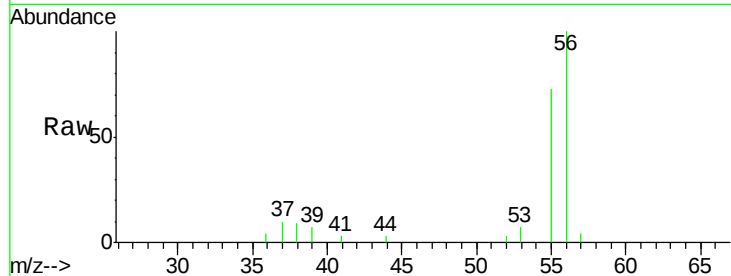
55 71.7 58.6 88.0

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#14

Allyl chloride

Concen: 21.033 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059804.D

Acq: 21 Jan 2020 12:05

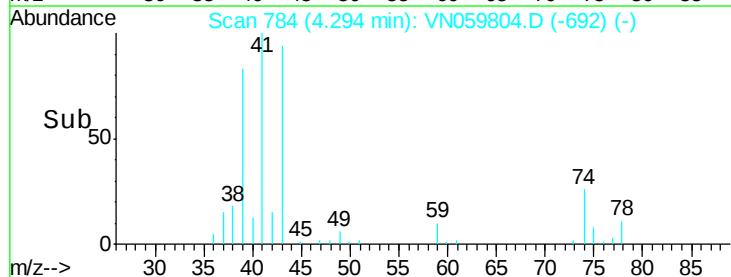
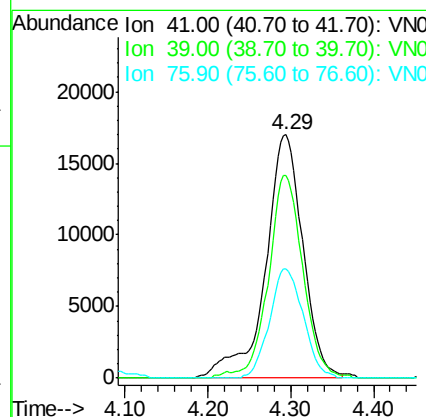
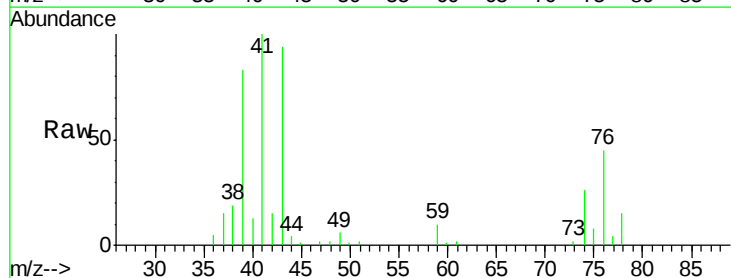
Tgt Ion: 41 Resp: 53585

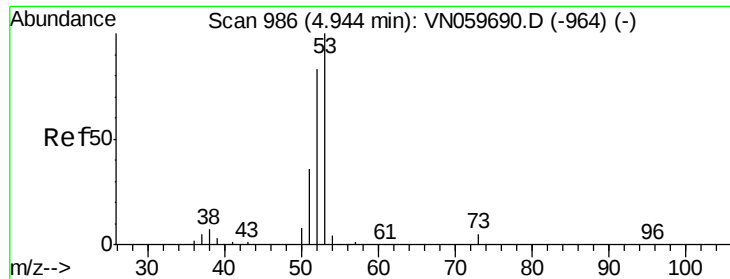
Ion Ratio Lower Upper

41 100

39 75.8 57.8 86.8

76 40.3 25.4 38.0#





#15

Acrylonitrile

Concen: 95.739 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.00 min

Lab File: VN059804.D

Acq: 21 Jan 2020 12:05

Instrument :

MSVOA_N

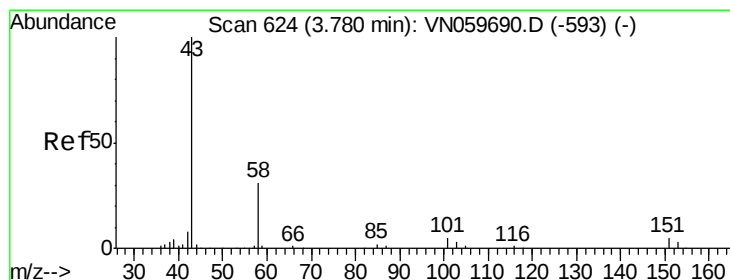
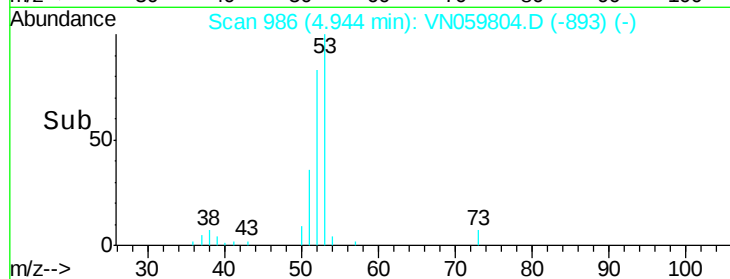
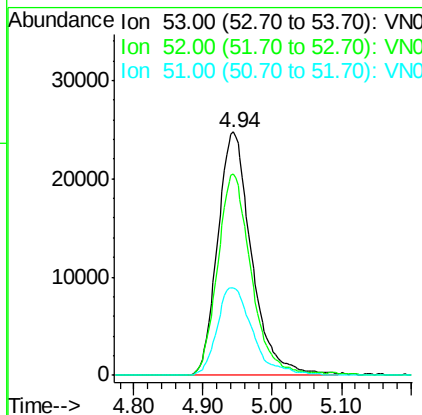
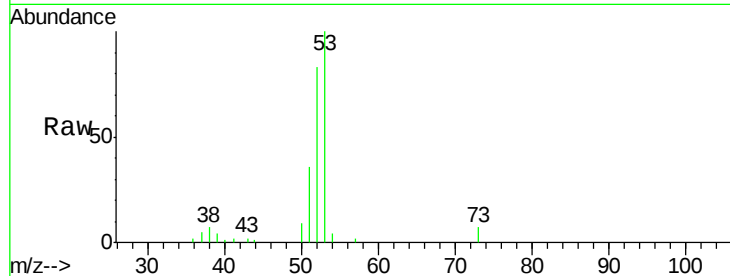
ClientSampleId :

VN0121WBS01

Tot Ion:	53	Resp:	84347
Ion	Ratio	Lower	Upper
53	100		
52	81.6	66.3	99.5
51	37.8	29.7	44.5

Manual Integrations
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#16

Acetone

Concen: 92.660 ug/l

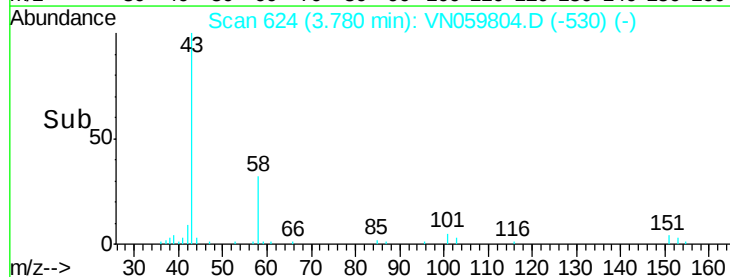
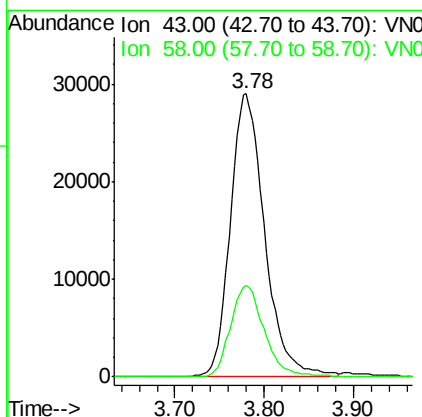
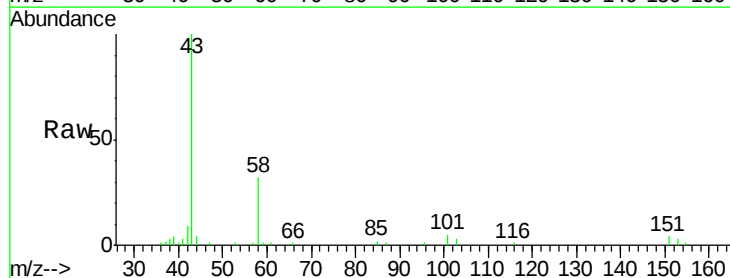
RT: 3.78 min Scan# 624

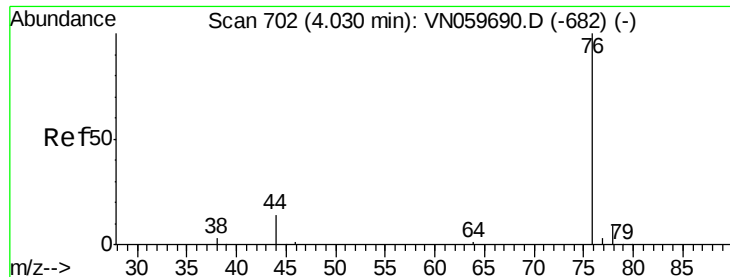
Delta R.T. 0.00 min

Lab File: VN059804.D

Acq: 21 Jan 2020 12:05

Tgt Ion:	43	Resp:	77437
Ion	Ratio	Lower	Upper
43	100		
58	32.4	23.6	35.4





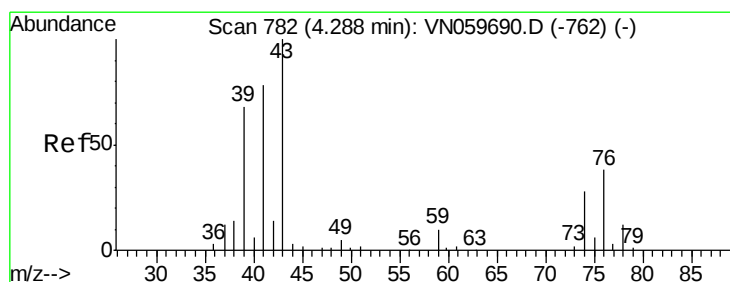
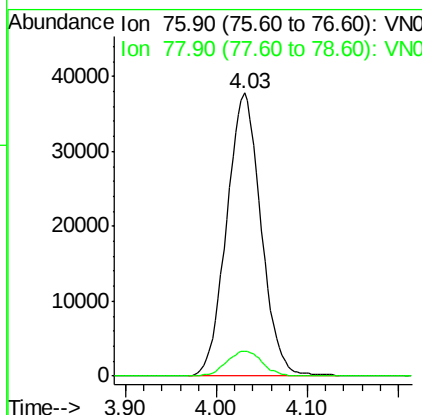
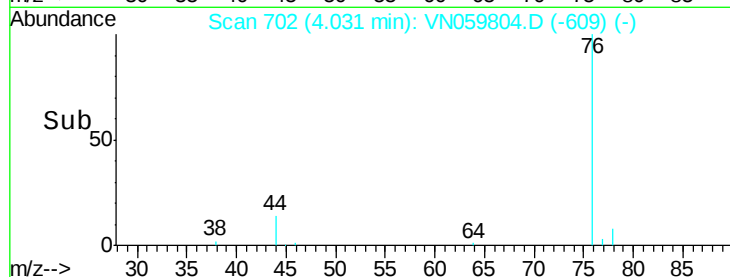
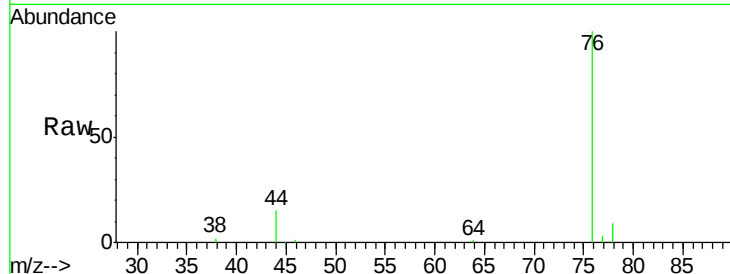
#17
Carbon Disulfide
Concen: 18.402 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059804.D
Acq: 21 Jan 2020 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01

Tot Ion: 76 Resp: 99083
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

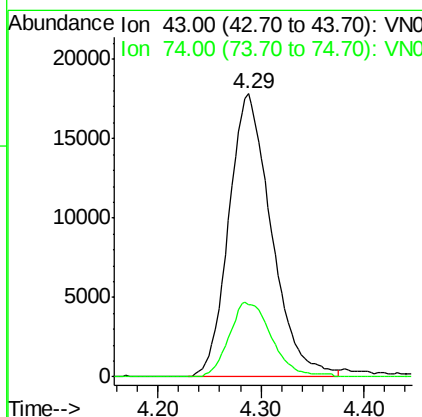
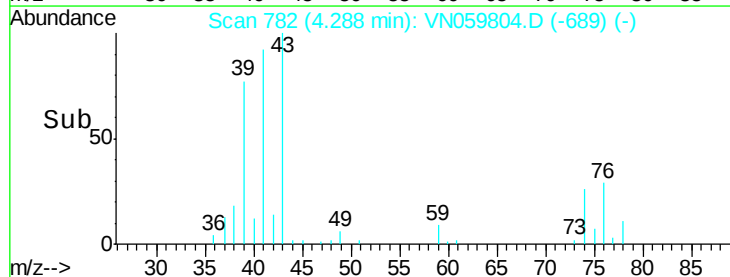
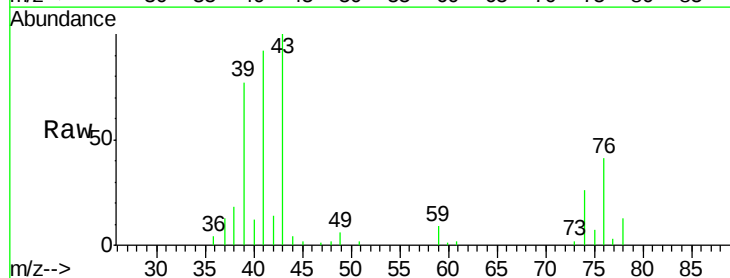
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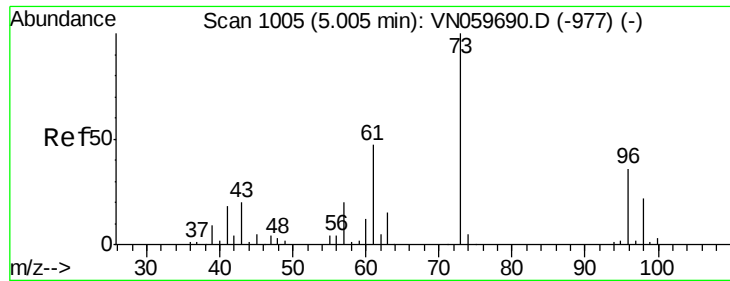
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#18
Methyl Acetate
Concen: 19.138 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.00 min
Lab File: VN059804.D
Acq: 21 Jan 2020 12:05

Tgt Ion: 43 Resp: 51287
Ion Ratio Lower Upper
43 100
74 25.9 17.5 26.3





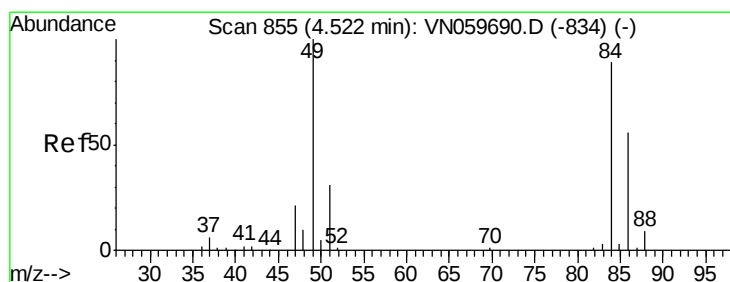
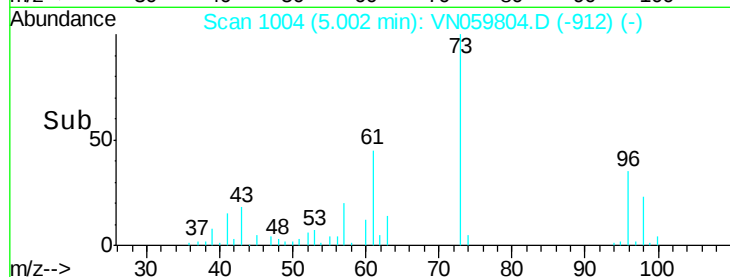
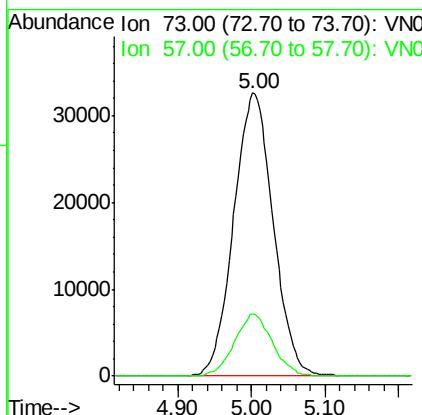
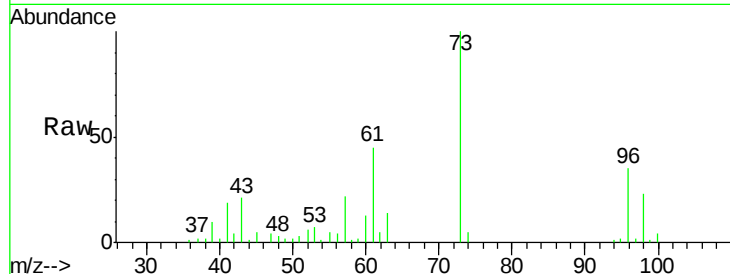
#19
Methvl tert-butvl Ether
Concen: 19.702 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN059804.D
Acq: 21 Jan 2020 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01

Tot Ion: 73 Resp: 121415
Ion Ratio Lower Upper
73 100
57 22.1 18.6 27.8

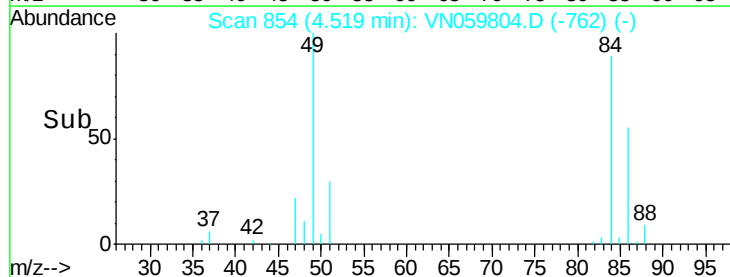
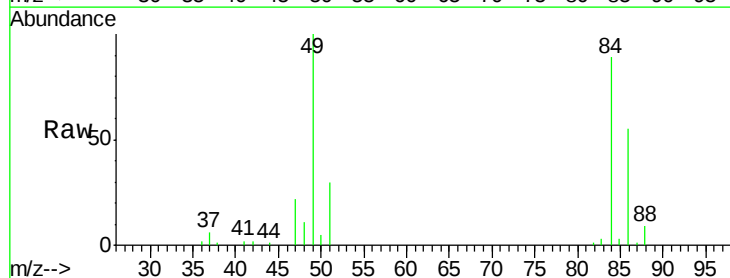
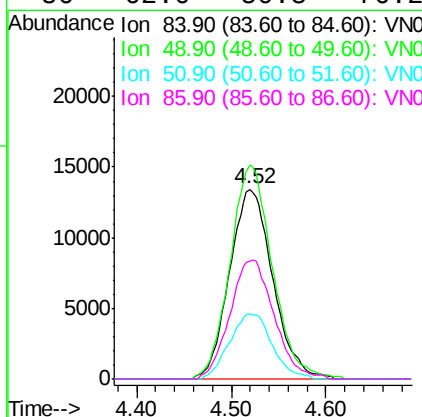
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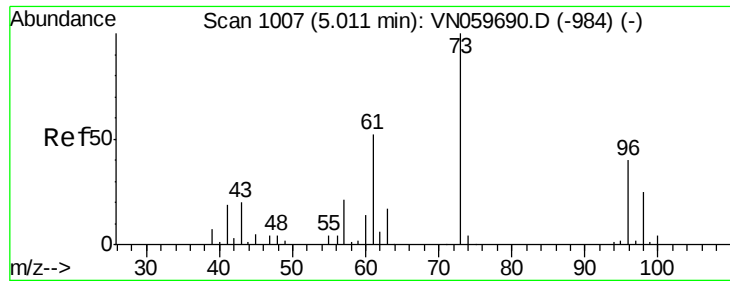
MMDadoda
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#20
Methylene Chloride
Concen: 19.750 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059804.D
Acq: 21 Jan 2020 12:05

Tgt Ion: 84 Resp: 42619
Ion Ratio Lower Upper
84 100
49 112.4 106.6 160.0
51 34.2 31.9 47.9
86 62.0 50.8 76.2





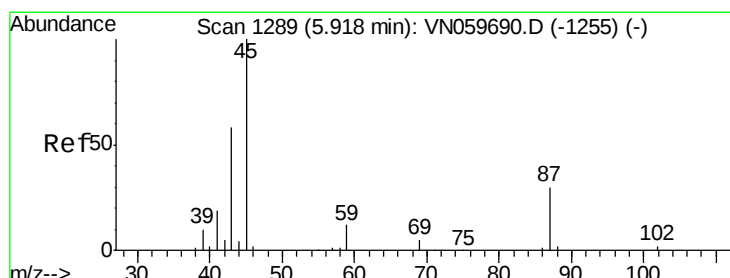
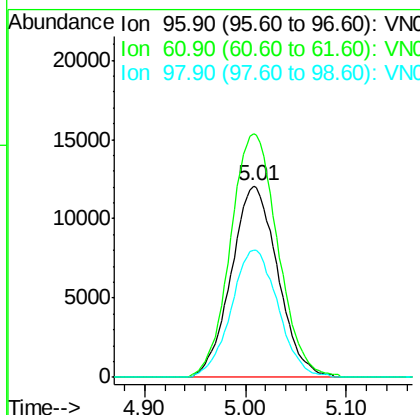
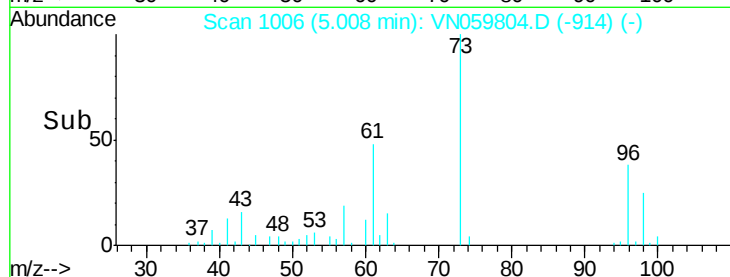
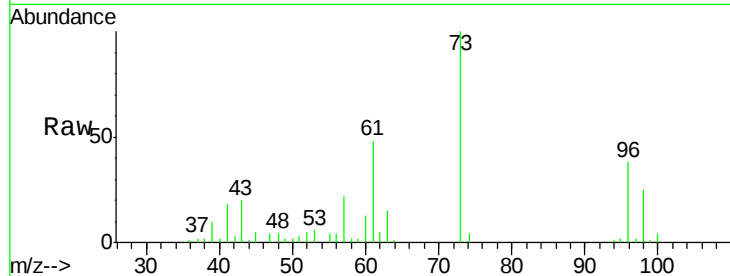
#21
trans-1,2-Dichloroethene
Concen: 19.231 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN059804.D
Acq: 21 Jan 2020 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	127.0	120.4	180.6
98	66.3	50.6	75.8

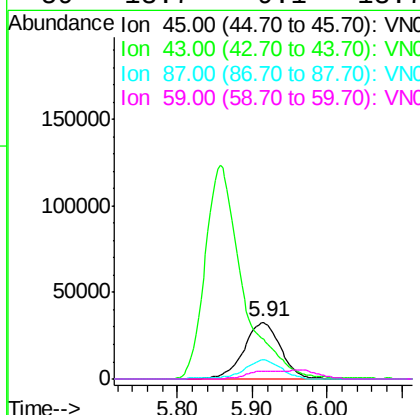
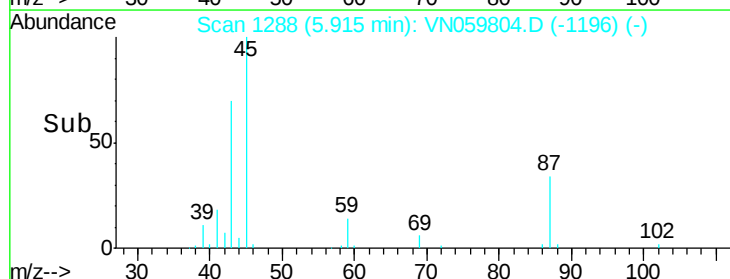
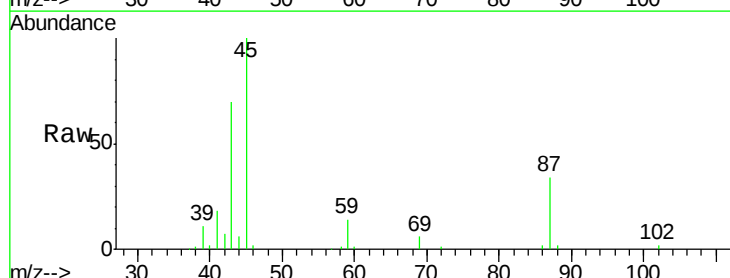
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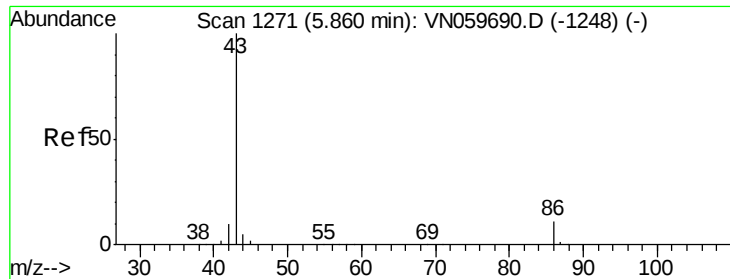
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#22
Diisopropyl ether
Concen: 19.360 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VN059804.D
Acq: 21 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
45	100		
43	67.5	50.8	76.2
87	34.1	21.0	31.6#
59	13.7	9.1	13.7#





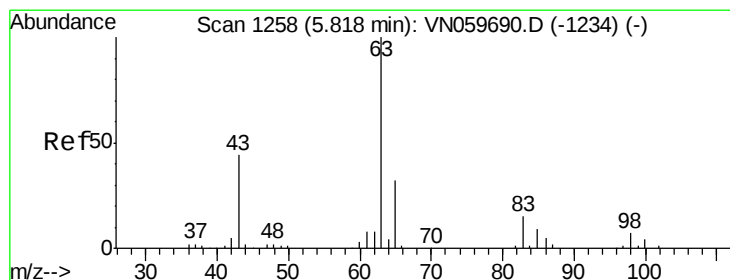
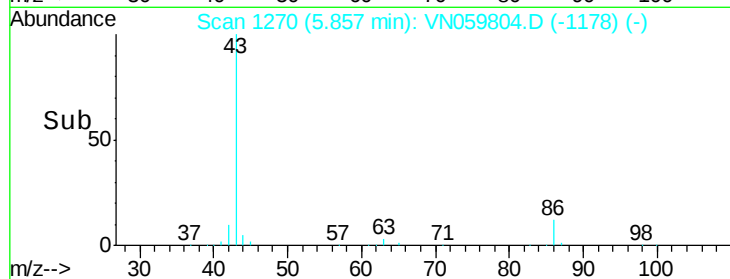
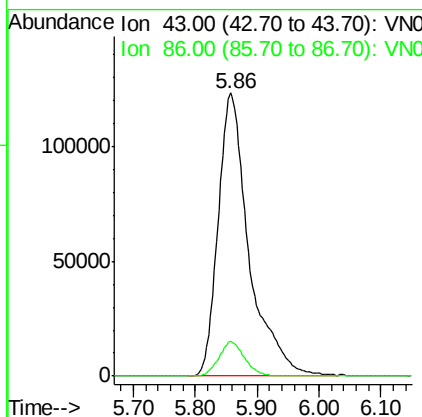
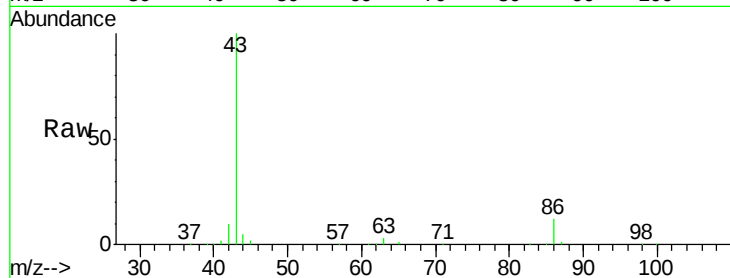
#23
 Vinyl Acetate
 Concen: 95.895 ug/l
 RT: 5.86 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VN059804.D
 Acq: 21 Jan 2020 12:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121WBS01

Tot Ion	43	Resp	428650
Ion Ratio	100	Lower	Upper
43	100		
86	12.2	7.6	11.4#

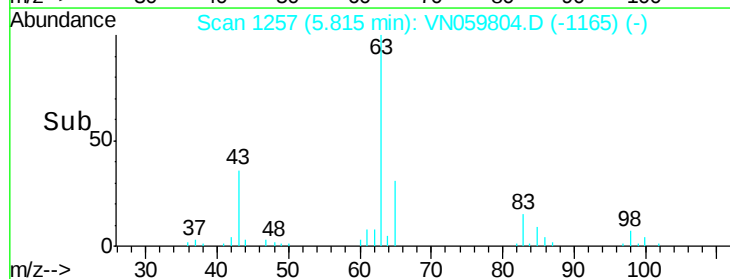
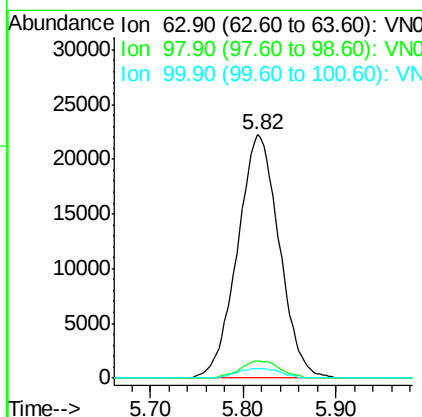
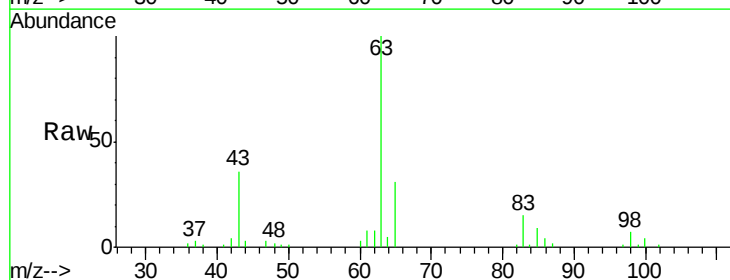
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#24
 1,1-Dichloroethane
 Concen: 19.727 ug/l
 RT: 5.82 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN059804.D
 Acq: 21 Jan 2020 12:05

Tgt Ion	63	Resp	69592
Ion Ratio	100	Lower	Upper
63	100		
98	7.0	2.9	8.7
100	4.1	2.0	6.0





#25

2-Butanone

Concen: 85.588 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059804.D

Acq: 21 Jan 2020 12:05

Tot Ion: 43 Resp: 111197

Ion Ratio Lower Upper

43 100

72 29.6 19.9 29.9

Instrument :

MSVOA_N

ClientSampleId :

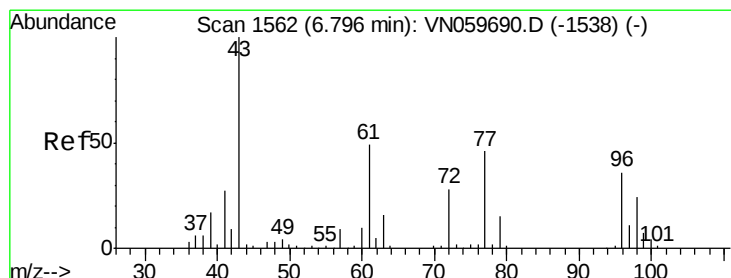
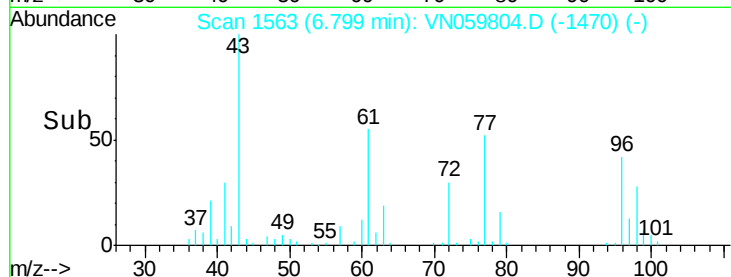
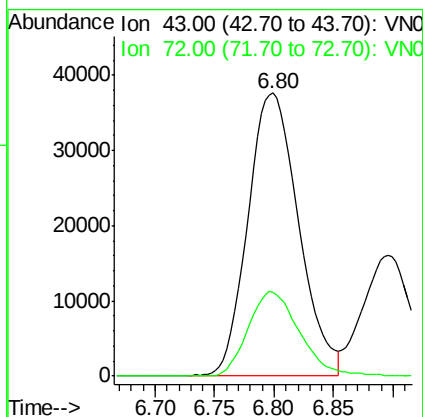
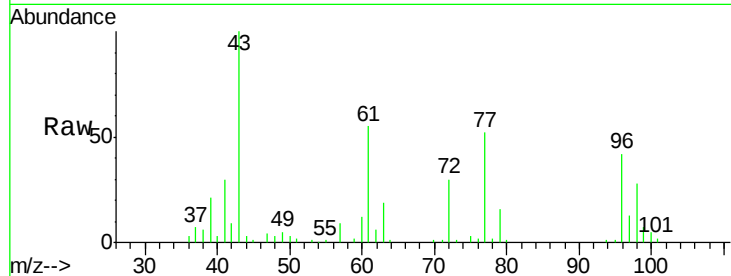
VN0121WBS01

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#26

2,2-Dichloropropane

Concen: 19.417 ug/l

RT: 6.79 min Scan# 1560

Delta R.T. -0.01 min

Lab File: VN059804.D

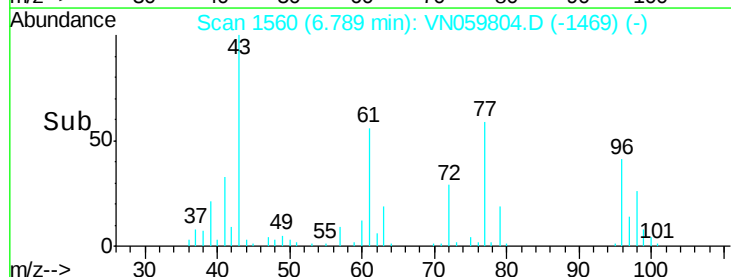
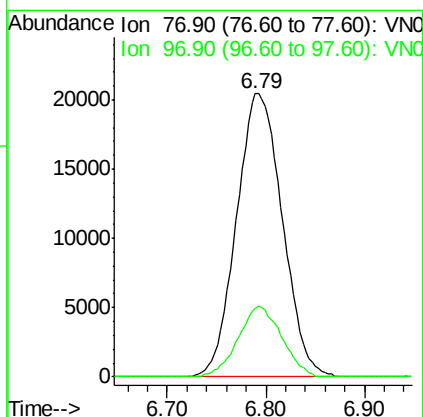
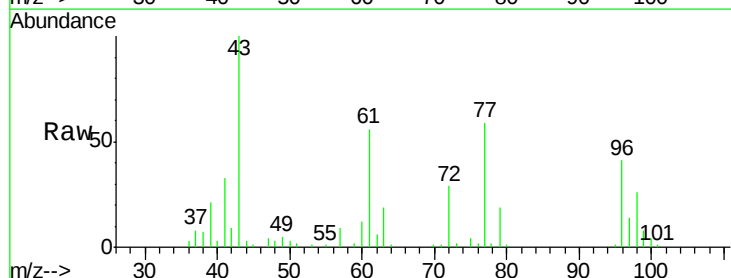
Acq: 21 Jan 2020 12:05

Tgt Ion: 77 Resp: 65850

Ion Ratio Lower Upper

77 100

97 23.7 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 19.997 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059804.D

Acq: 21 Jan 2020 12:05

Instrument :

MSVOA_N

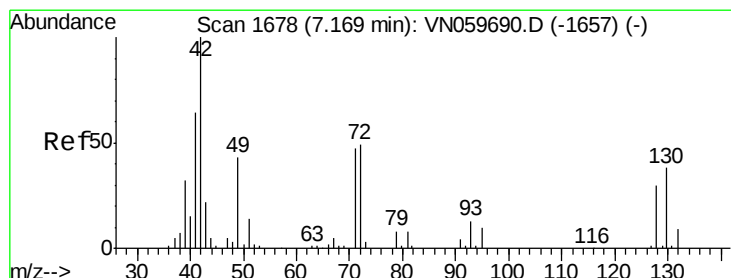
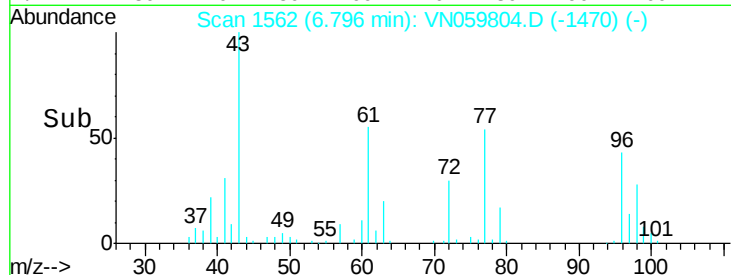
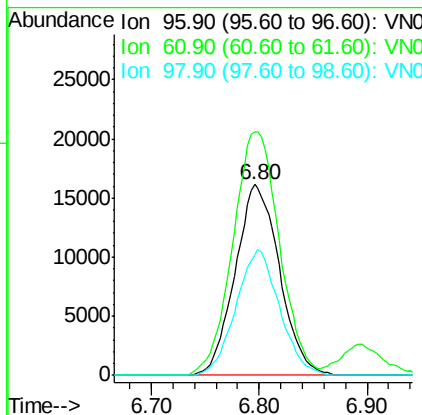
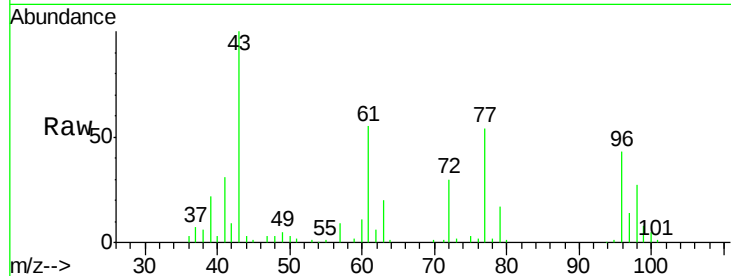
ClientSampleId :

VN0121WBS01

Tot Ion:	96	Resp:	46210
Ion	Ratio	Lower	Upper
96	100		
61	134.0	0.0	317.6
98	64.4	0.0	127.0

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#28

Bromochloromethane

Concen: 19.078 ug/l

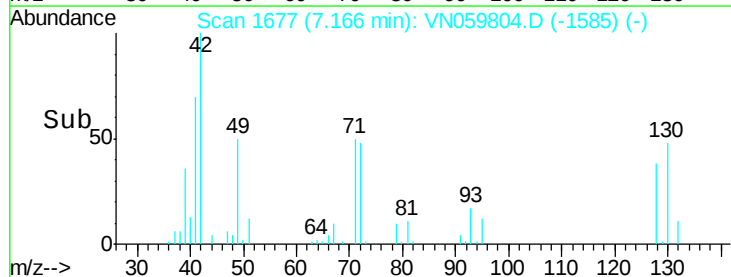
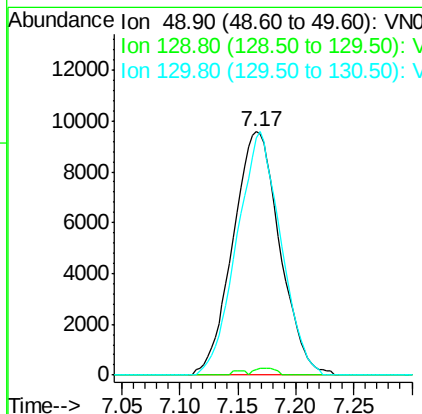
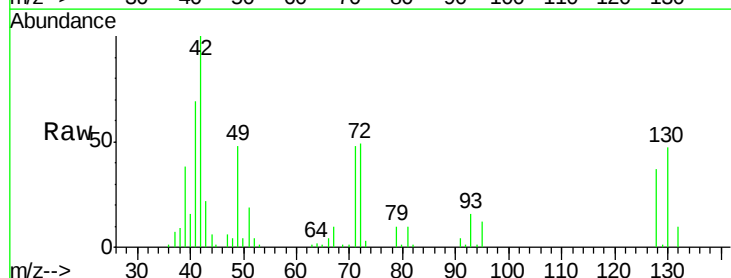
RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN059804.D

Acq: 21 Jan 2020 12:05

Tgt Ion:	49	Resp:	26899
Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	3.4
130	93.9	54.7	82.1#





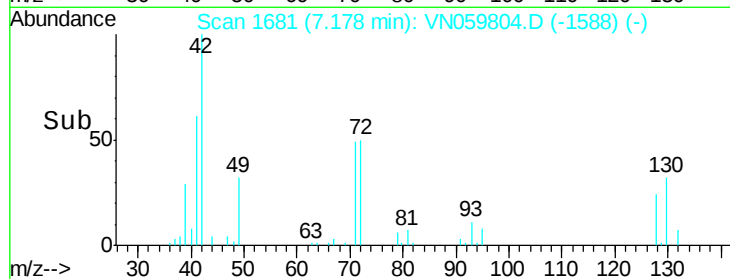
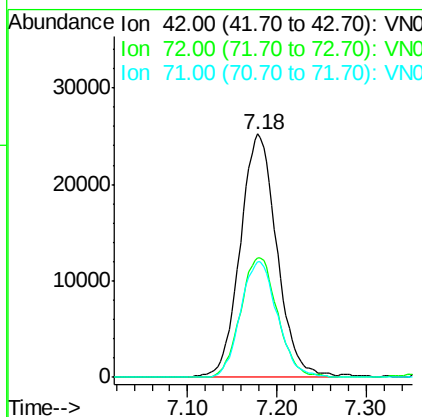
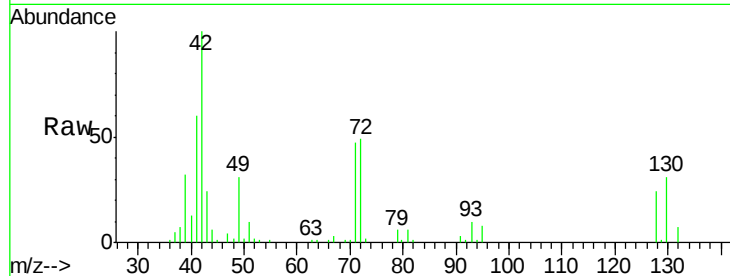
#29
Tetrahydrofuran
Concen: 89.897 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN059804.D
Acq: 21 Jan 2020 12:05

Instrument :
MSVOA_N
ClientSampled :
VN0121WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.3	33.1	49.7
71	47.7	31.4	47.0

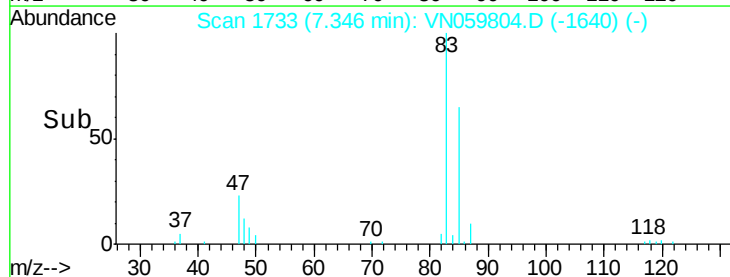
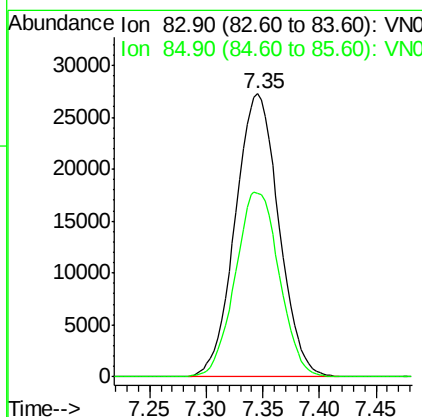
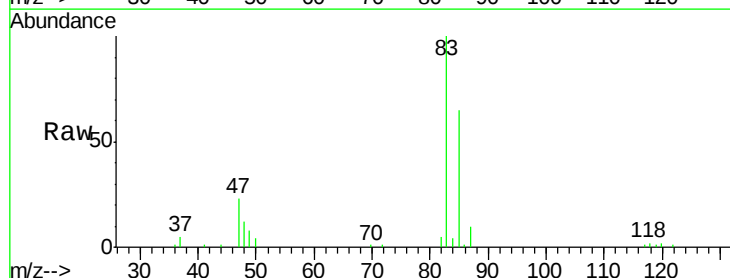
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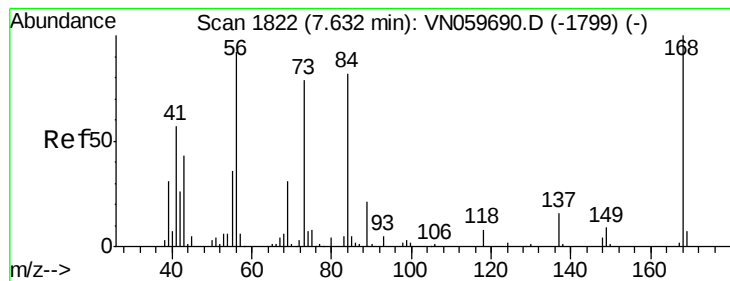
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#30
Chloroform
Concen: 19.998 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN059804.D
Acq: 21 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.4	78.6





#31

Cyclohexane

Concen: 18.287 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VN059804.D

Acq: 21 Jan 2020 12:05

Instrument :

MSVOA_N

ClientSampled :

VN0121WBS01

Tot Ion: 56 Resp: 62076

Ion Ratio Lower Upper

56 100

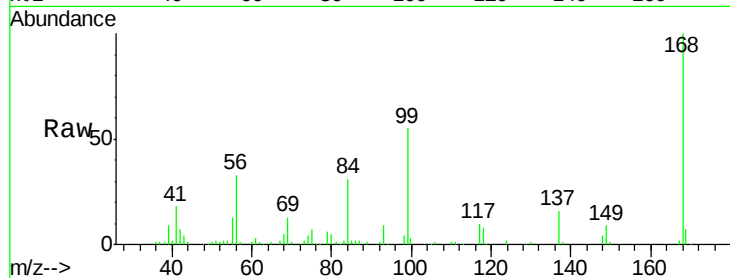
69 40.3 26.5 39.7#

84 95.1 65.3 97.9

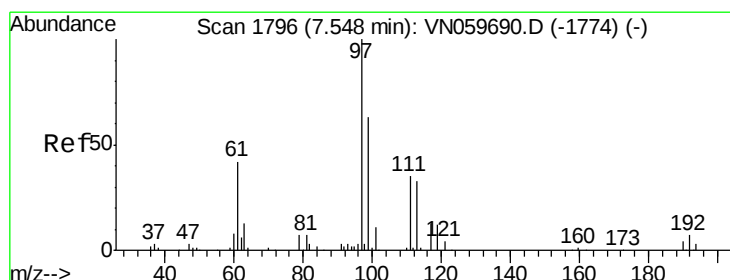
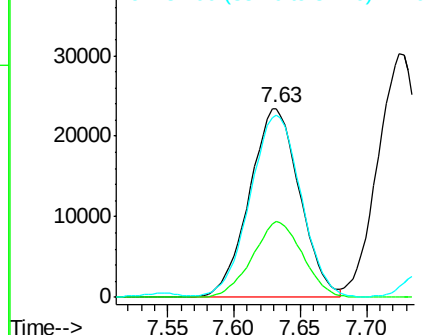
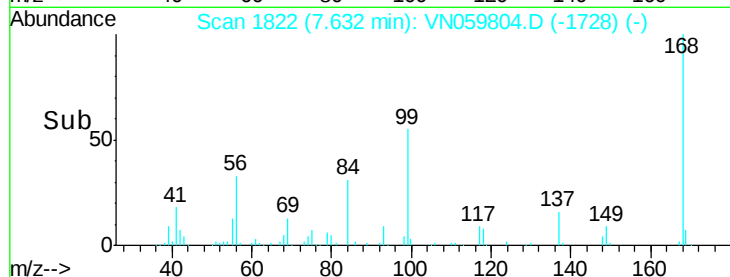
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Abundance Ion 56.00 (55.70 to 56.70): VN059804.D (-1728) (-)



#32

1,1,1-Trichloroethane

Concen: 19.814 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN059804.D

Acq: 21 Jan 2020 12:05

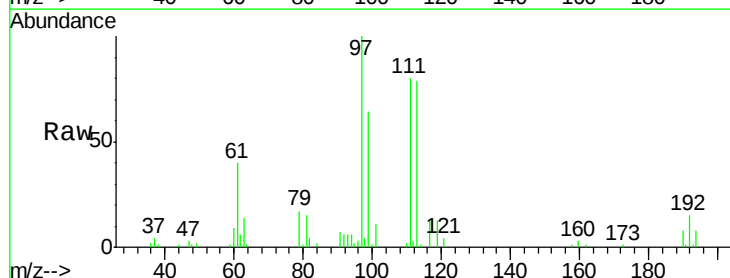
Tgt Ion: 97 Resp: 66963

Ion Ratio Lower Upper

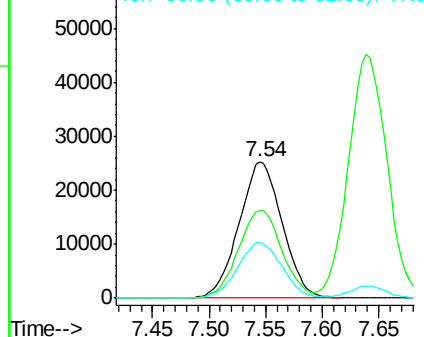
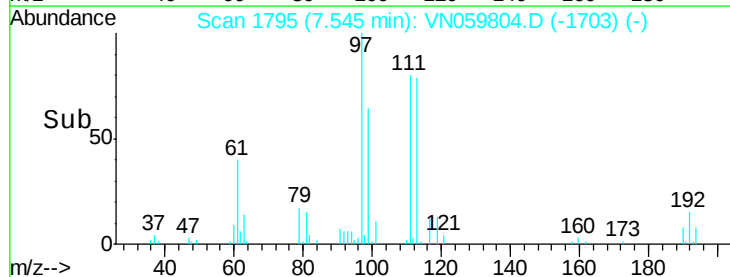
97 100

99 65.3 51.0 76.4

61 41.8 38.5 57.7



Abundance Ion 96.90 (96.60 to 97.60): VN059804.D (-1703) (-)





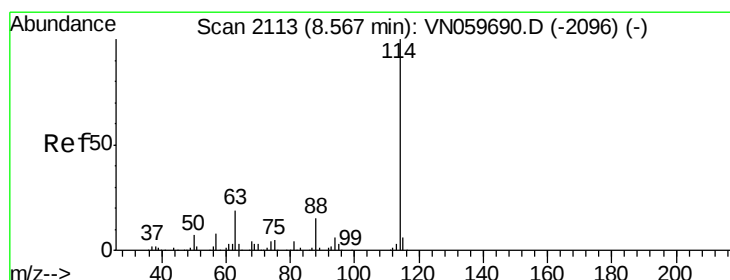
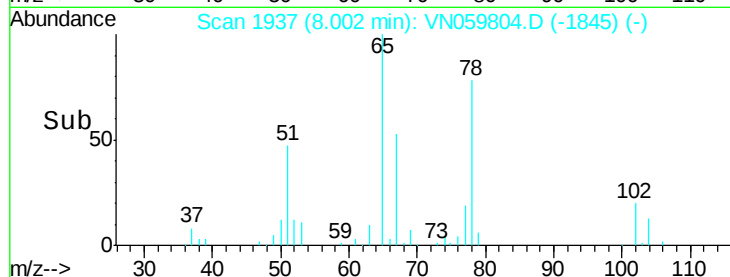
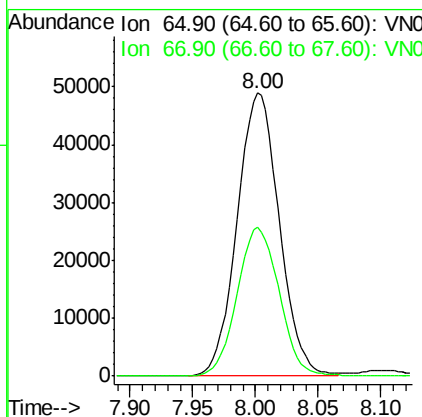
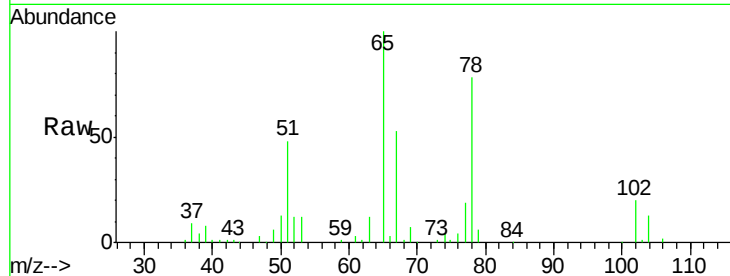
#33
 1,2-Dichloroethane-d4
 Concen: 49.923 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059804.D
 Acq: 21 Jan 2020 12:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.4	0.0	103.0	

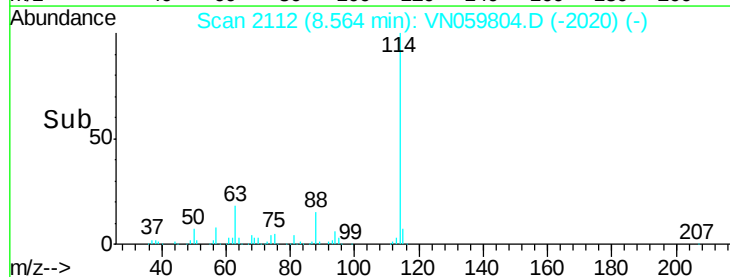
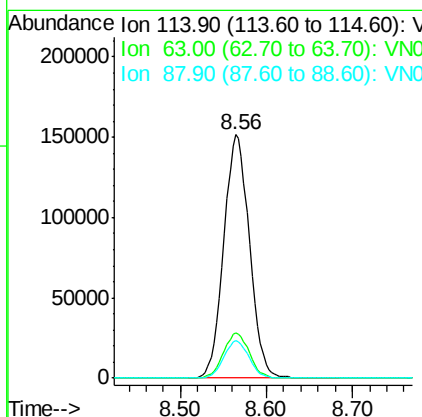
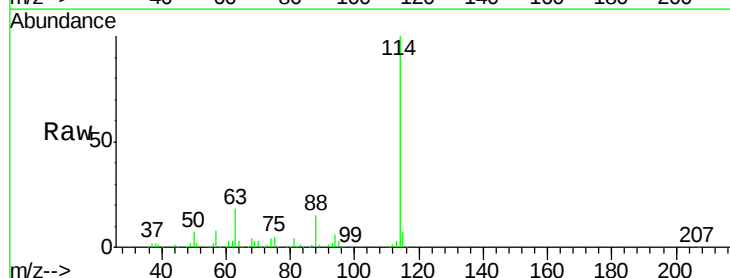
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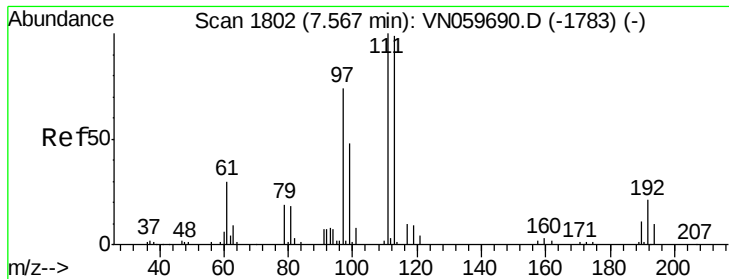
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059804.D
 Acq: 21 Jan 2020 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.3	0.0	43.6	
88	15.3	0.0	31.4	





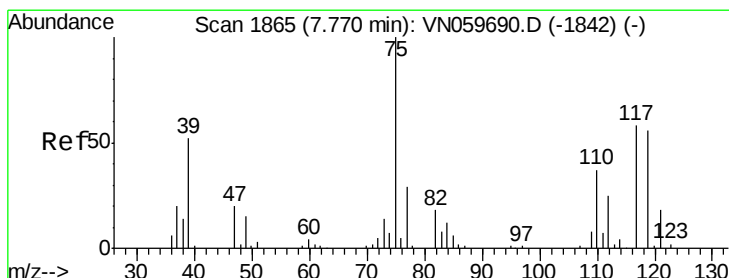
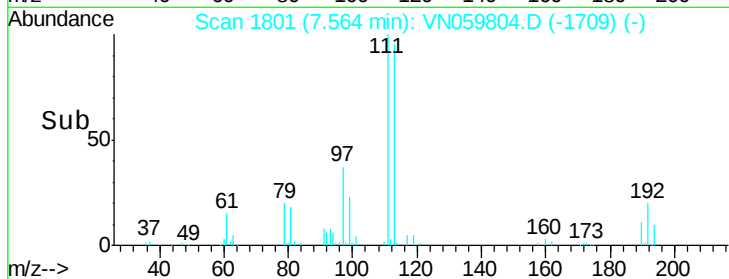
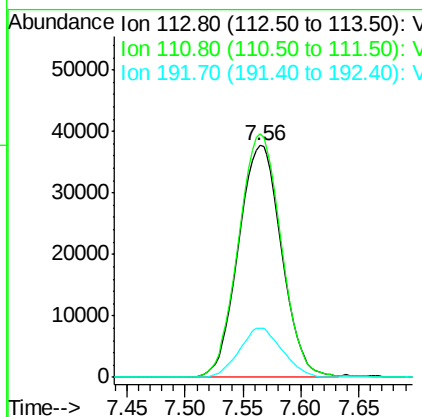
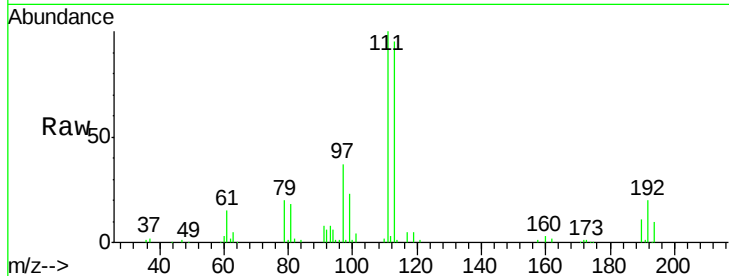
#35
 Dibromofluoromethane
 Concen: 52.049 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059804.D
 Acq: 21 Jan 2020 12:05

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0121WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.5	125.3
192	21.0	15.4	23.2

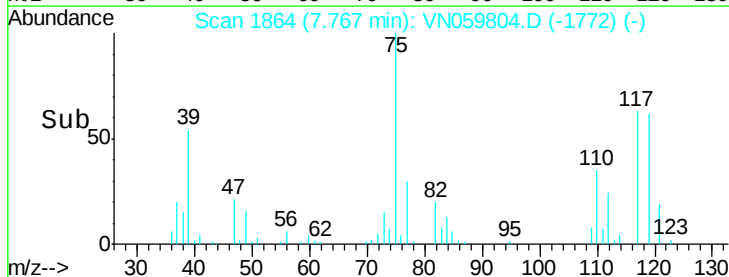
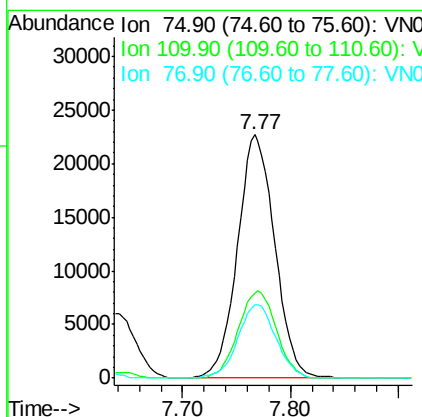
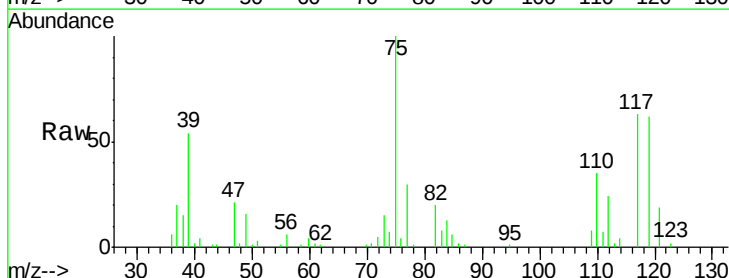
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#36
 1,1-Dichloropropene
 Concen: 19.865 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN059804.D
 Acq: 21 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.4	16.6	49.7
77	30.9	25.1	37.7





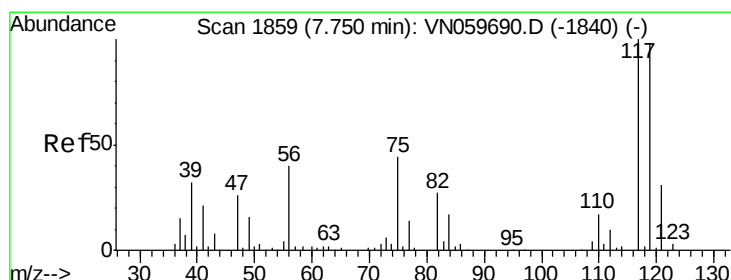
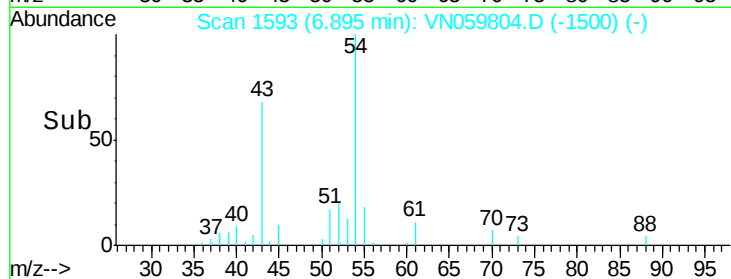
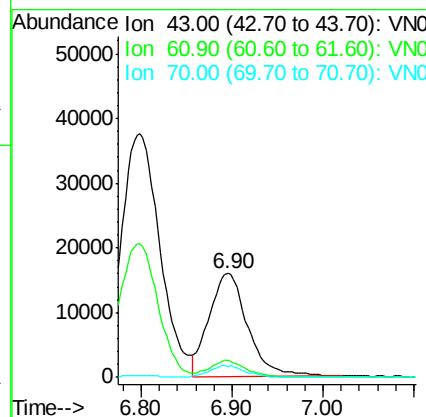
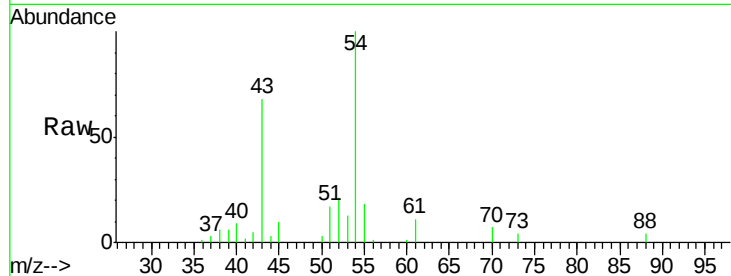
#37
Ethyl Acetate
Concen: 18.237 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. 0.00 min
Lab File: VN059804.D
Acq: 21 Jan 2020 12:05

Instrument :
MSVOA_N
ClientSampled :
VN0121WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.6	10.9	16.3
70	10.4	7.7	11.5

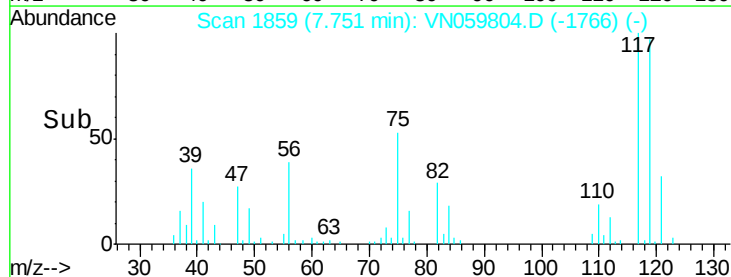
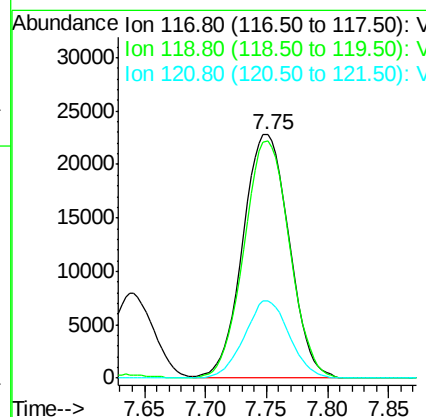
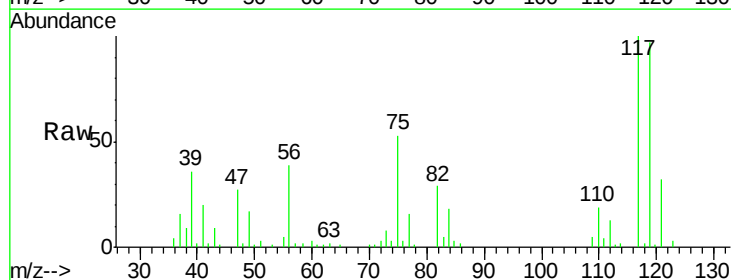
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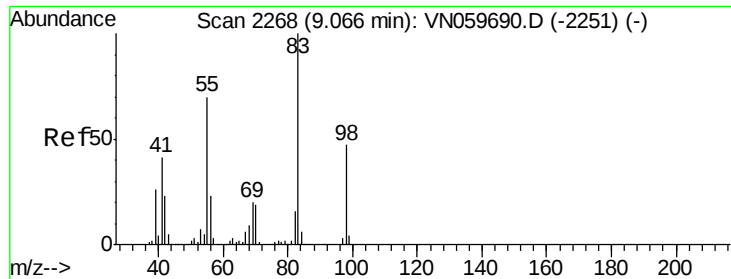
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#38
Carbon Tetrachloride
Concen: 20.111 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059804.D
Acq: 21 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	76.5	114.7
121	31.5	25.1	37.7





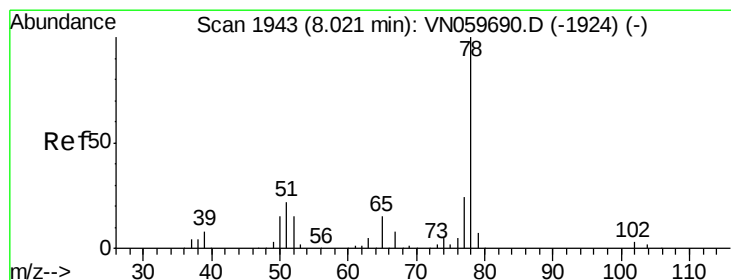
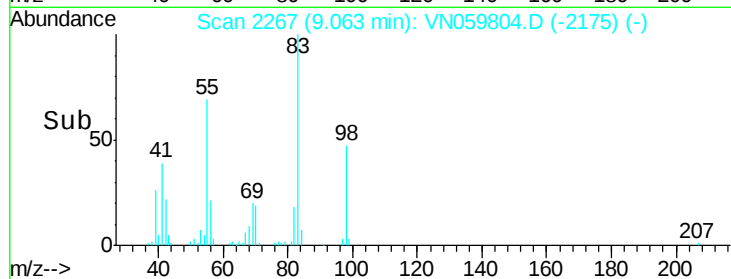
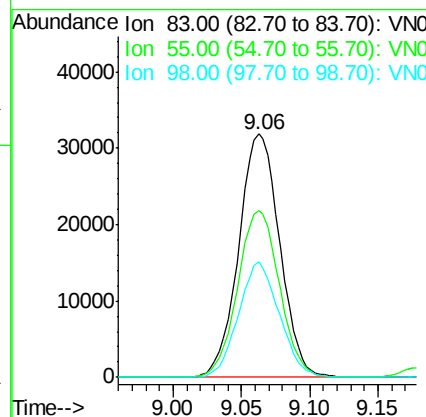
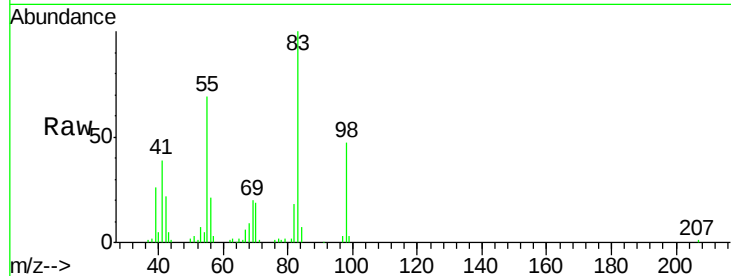
#39
Methvlcvclohexane
Concen: 19.640 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059804.D
Acq: 21 Jan 2020 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.7	64.2	96.2
98	47.3	35.9	53.9

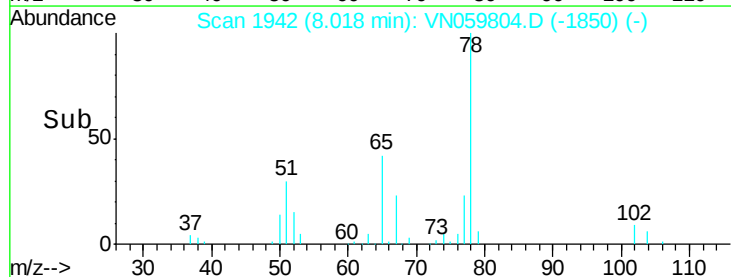
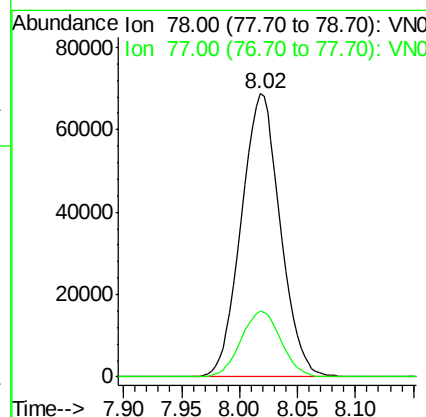
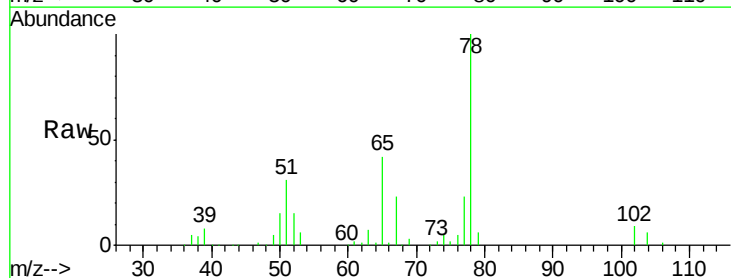
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#40
Benzene
Concen: 19.678 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059804.D
Acq: 21 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.9	28.3





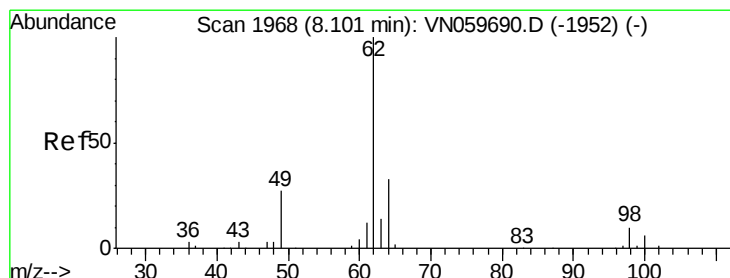
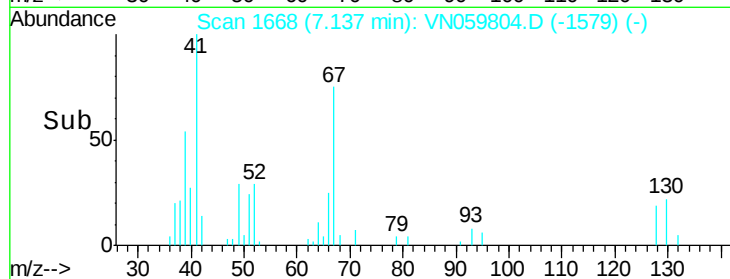
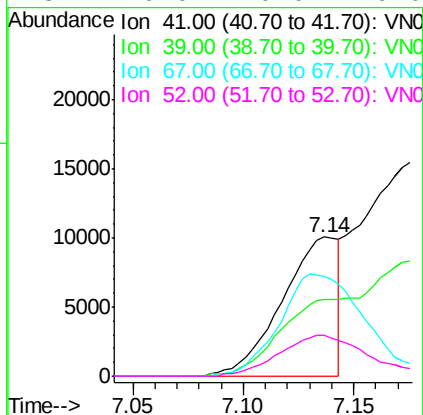
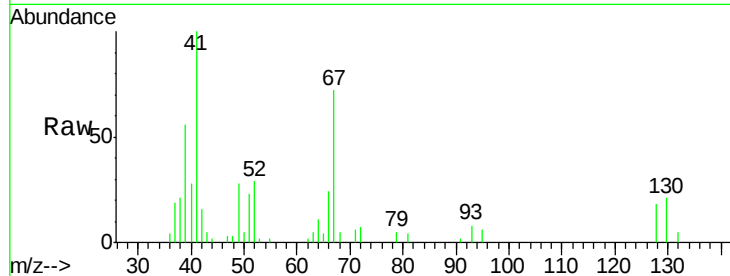
#41
Methacrylonitrile
Concen: 14.091 ug/l m
RT: 7.14 min Scan# 1668
Delta R.T. -0.01 min
Lab File: VN059804.D
Acq: 21 Jan 2020 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01

Tot Ion	41	Resp	17870
Ion	Ratio	Lower	Upper
41	100		
39	205.4	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

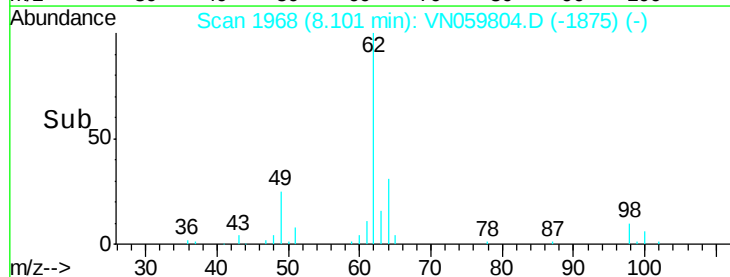
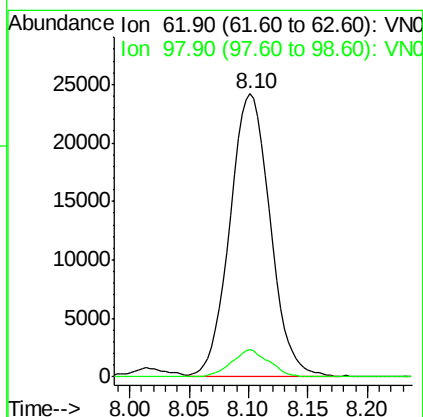
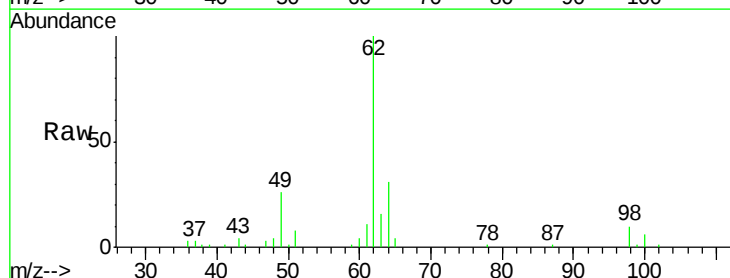
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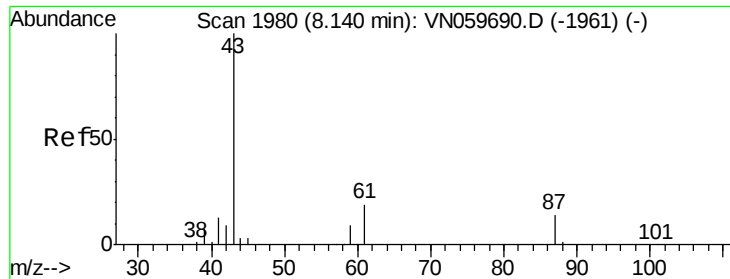
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#42
1,2-Dichloroethane
Concen: 20.478 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059804.D
Acq: 21 Jan 2020 12:05

Tgt Ion	62	Resp	56844
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	15.8





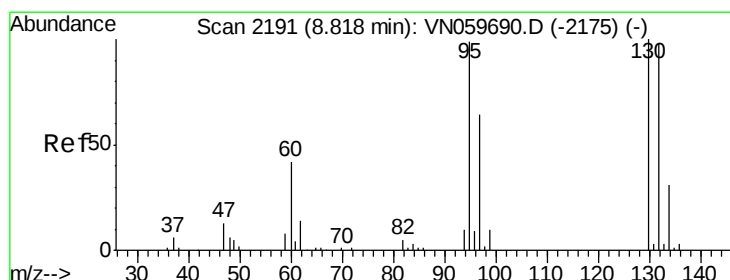
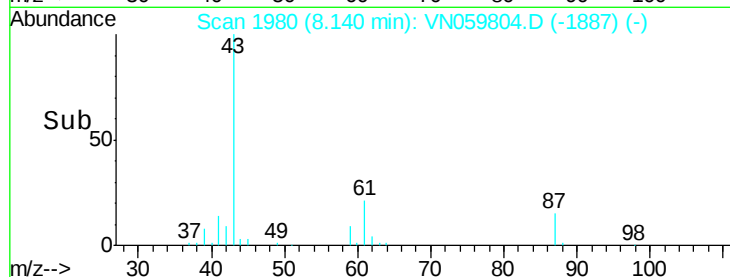
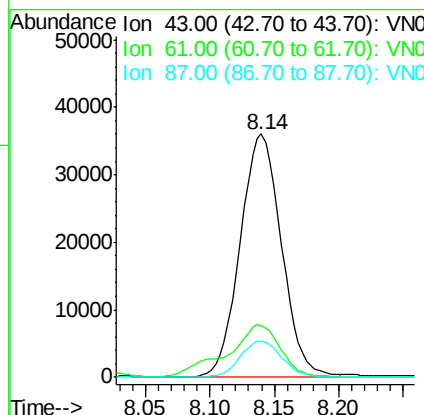
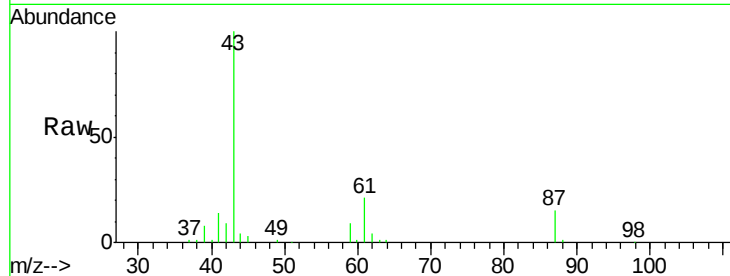
#43
Isopropyl Acetate
Concen: 18.187 ug/l
RT: 8.14 min Scan# 1980
Delta R.T. 0.00 min
Lab File: VN059804.D
Acq: 21 Jan 2020 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.1	20.2	30.2
87	14.9	9.5	14.3

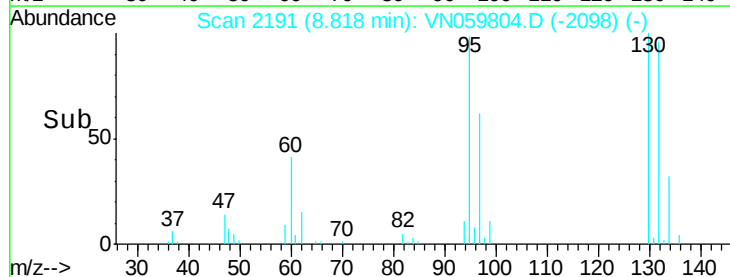
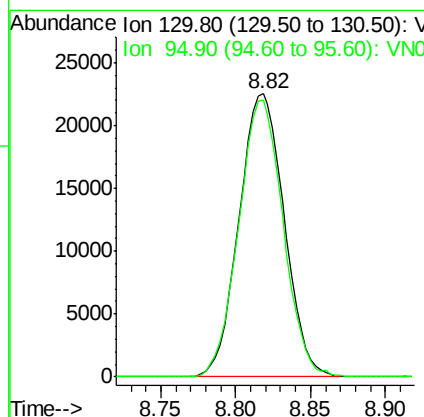
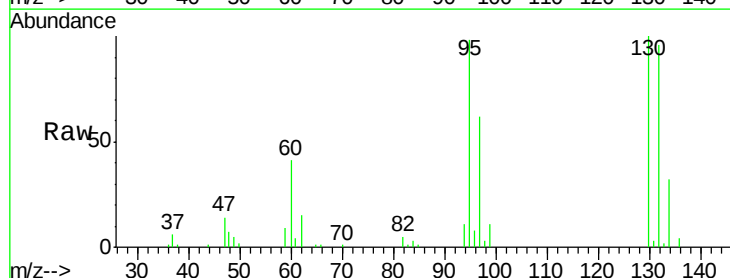
Manual Integrations
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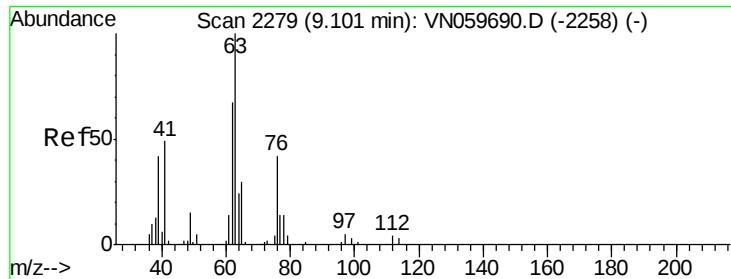
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#44
Trichloroethene
Concen: 21.195 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. 0.00 min
Lab File: VN059804.D
Acq: 21 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.0	0.0	207.0





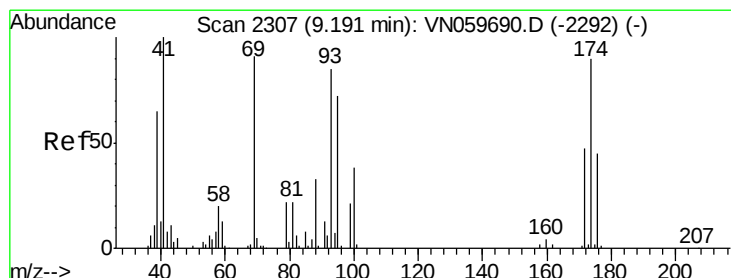
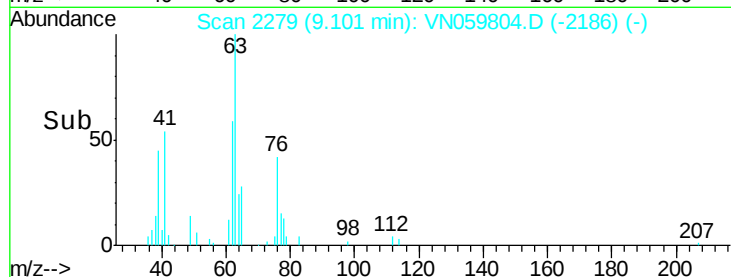
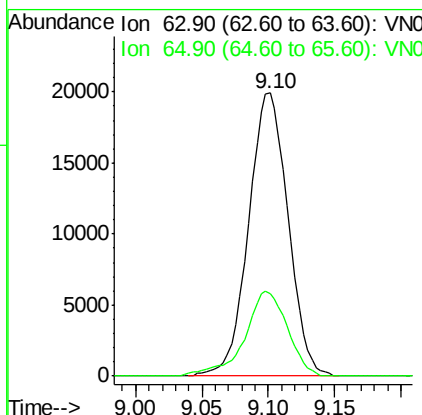
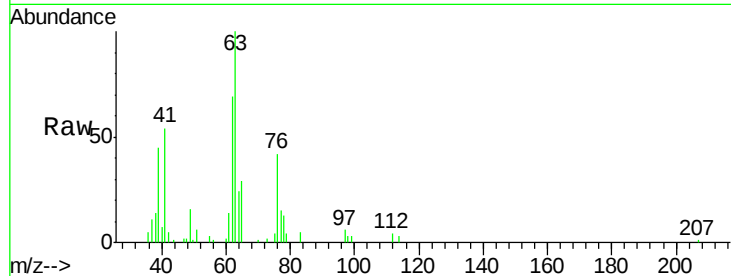
#45
 1,2-Dichloropropane
 Concen: 20.407 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: VN059804.D
 Acq: 21 Jan 2020 12:05

Instrument :
 MSVOA_N
 ClientSampled :
 VN0121WBS01

Tot Ion: 63 Resp: 41344
 Ion Ratio Lower Upper
 63 100
 65 29.3 24.9 37.3

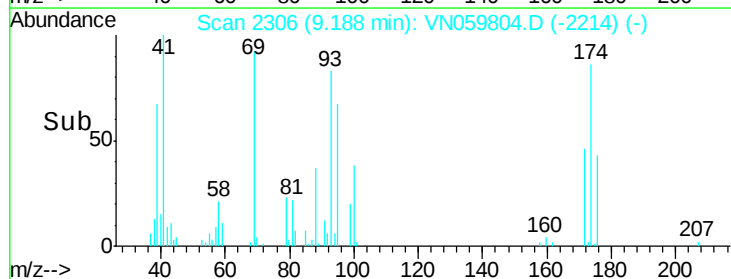
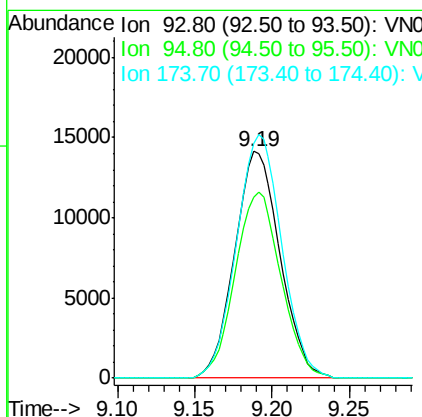
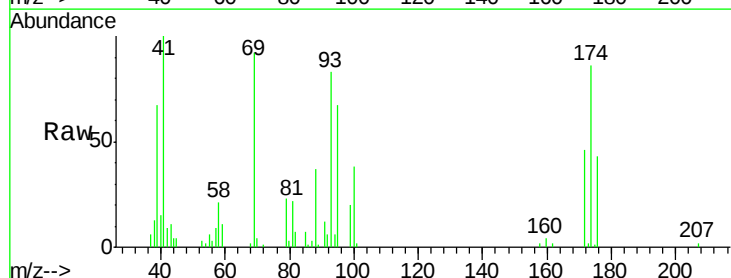
Manual Integrations
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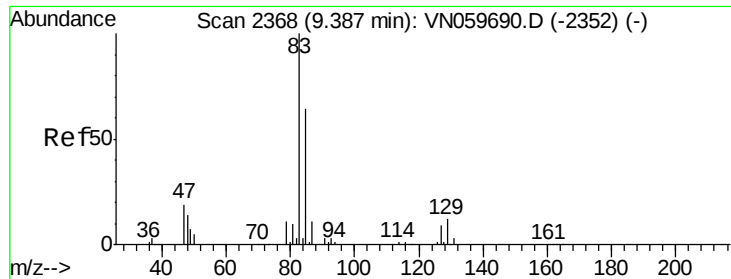
MMDadoda
 1/22/2020 11:14:50 AM



#46
 Dibromomethane
 Concen: 20.233 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN059804.D
 Acq: 21 Jan 2020 12:05

Tgt Ion: 93 Resp: 28915
 Ion Ratio Lower Upper
 93 100
 95 82.6 67.0 100.6
 174 107.1 73.4 110.2





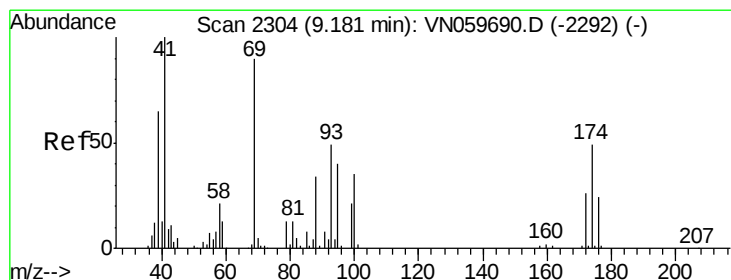
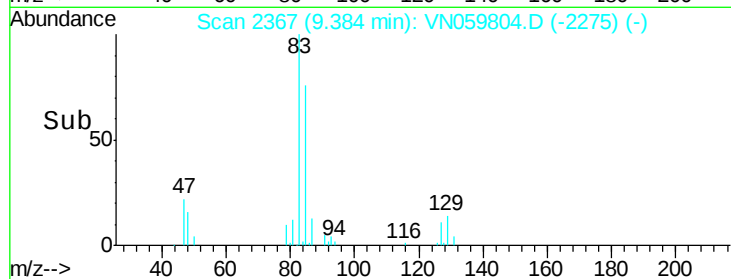
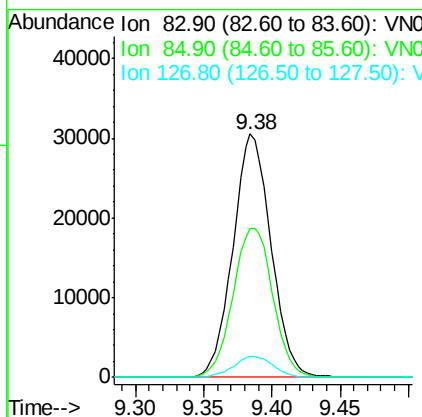
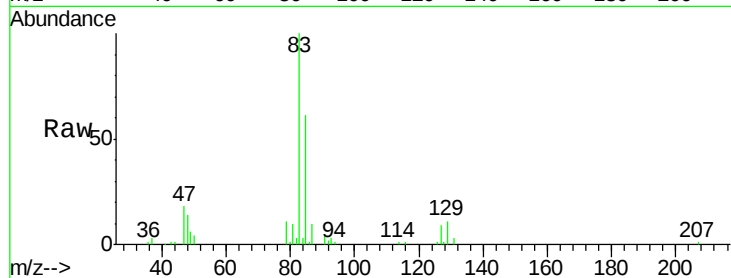
#47
Bromodichloromethane
Concen: 20.517 ug/l
RT: 9.38 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN059804.D
Acq: 21 Jan 2020 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	60.9	51.1	76.7
127	8.5	6.6	9.8

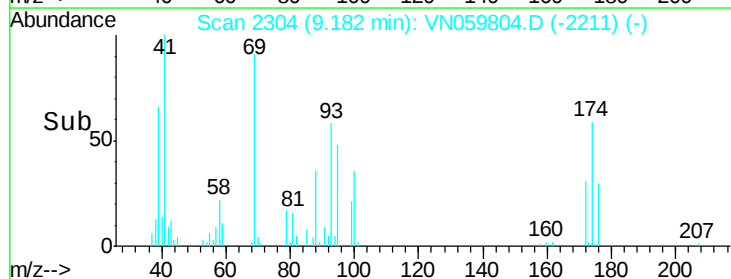
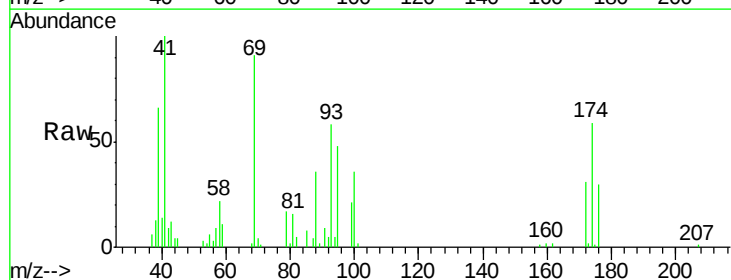
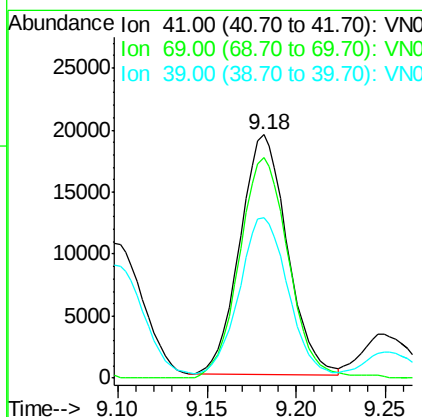
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APPROVED

MMDadoda
1/22/2020 11:14:50 AM



#48
Methyl methacrylate
Concen: 18.073 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059804.D
Acq: 21 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
41	100		
69	95.5	64.4	96.6
39	67.0	51.3	76.9





#49

1,4-Dioxane

Concen: 419.697 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. 0.00 min

Lab File: VN059804.D

Acq: 21 Jan 2020 12:05

Instrument :

MSVOA_N

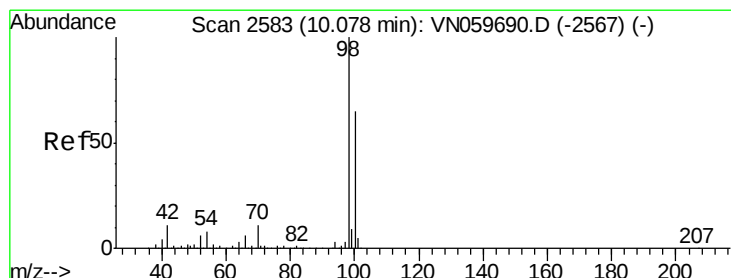
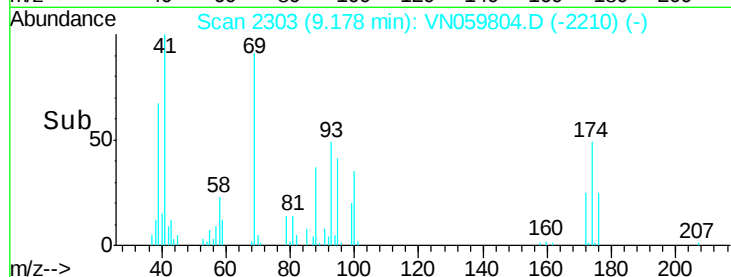
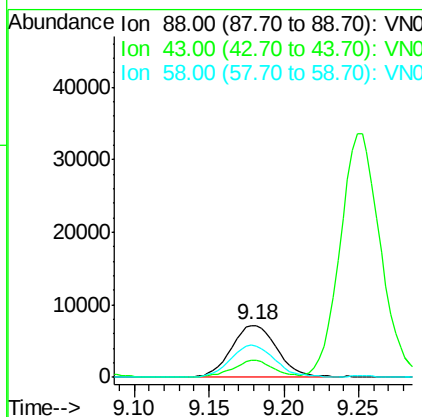
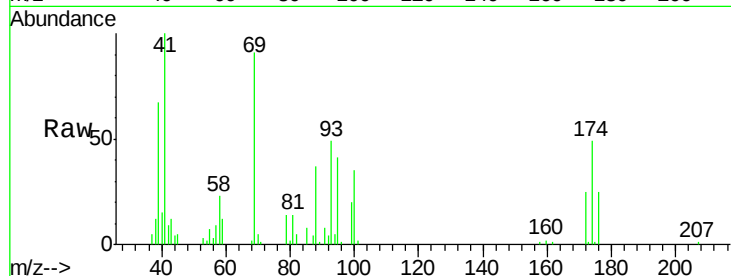
ClientSampleId :

VN0121WBS01

Tot Ion:	88	Resp:	15220
Ion	Ratio	Lower	Upper
88	100		
43	29.8	29.7	44.5
58	59.7	56.6	85.0

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#50

Toluene-d8

Concen: 51.409 ug/l

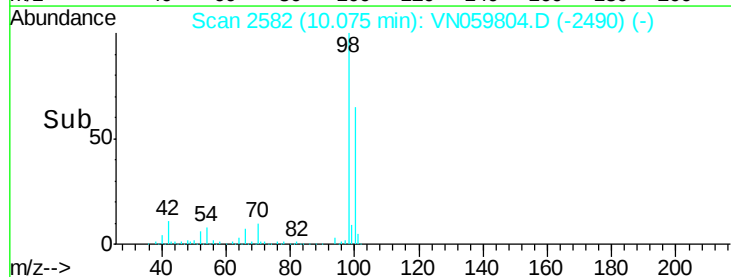
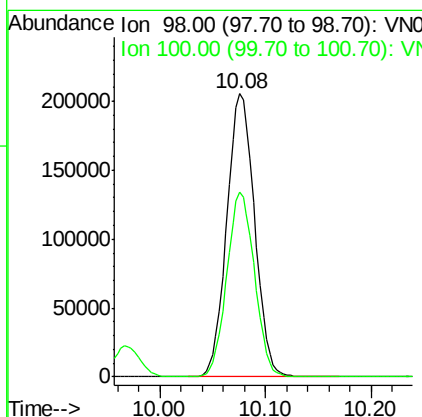
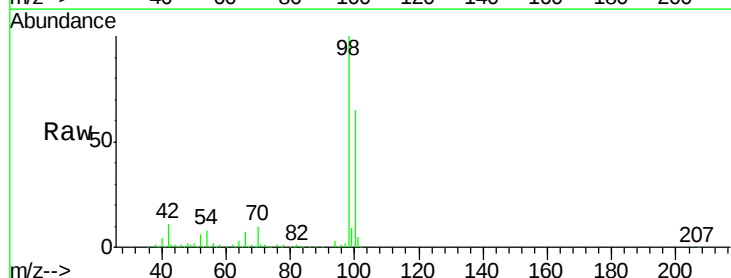
RT: 10.08 min Scan# 2582

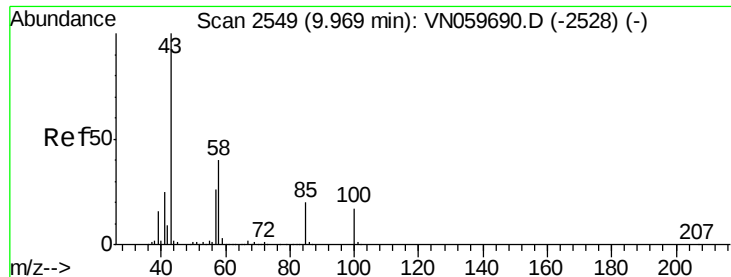
Delta R.T. -0.00 min

Lab File: VN059804.D

Acq: 21 Jan 2020 12:05

Tgt Ion:	98	Resp:	374450
Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 91.503 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN059804.D

Acq: 21 Jan 2020 12:05

Instrument :

MSVOA_N

ClientSampled :

VN0121WBS01

Tot Ion: 43 Resp: 234259

Ion Ratio Lower Upper

43 100

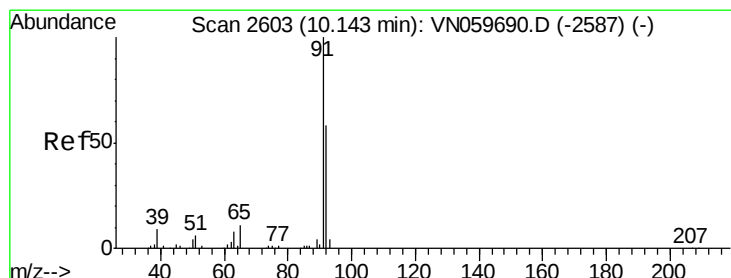
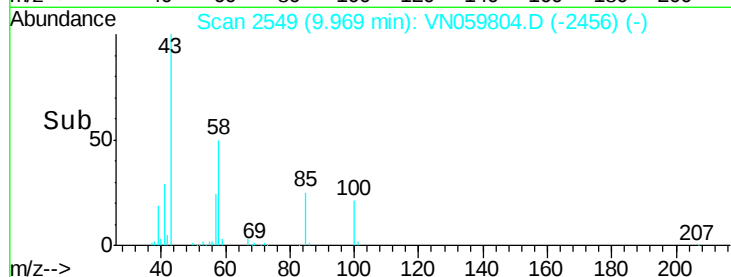
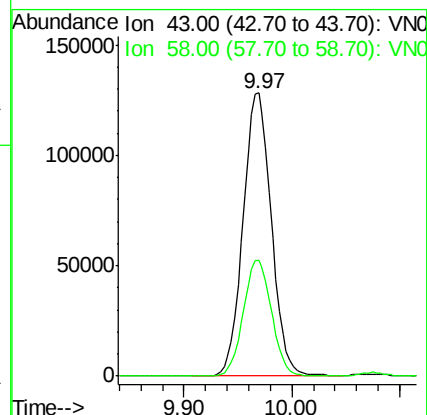
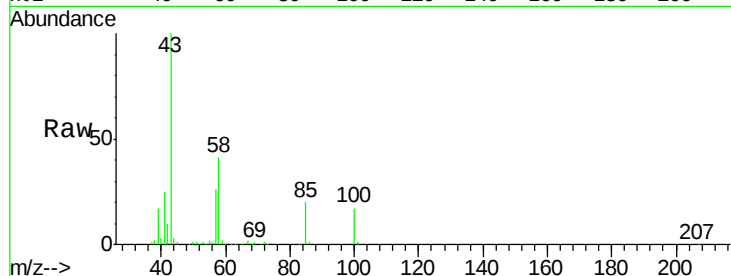
58 40.9 29.8 44.8

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#52

Toluene

Concen: 20.014 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN059804.D

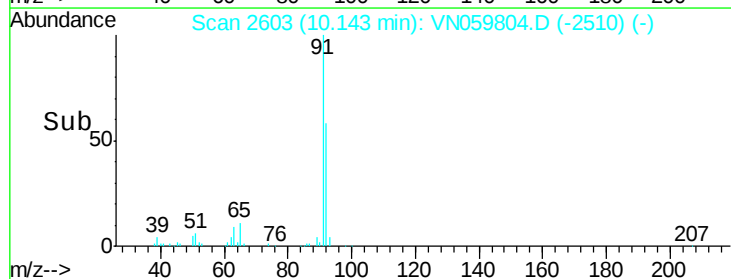
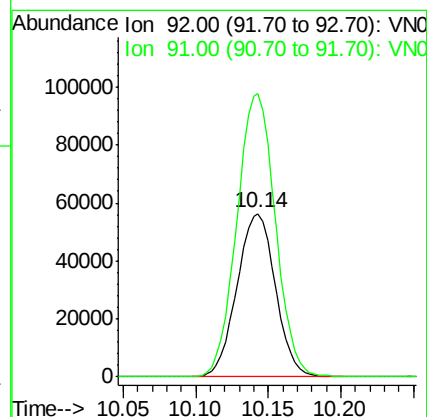
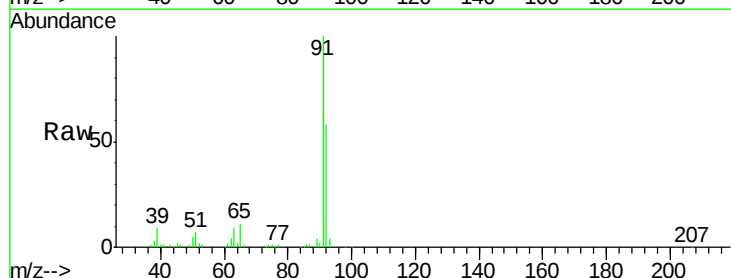
Acq: 21 Jan 2020 12:05

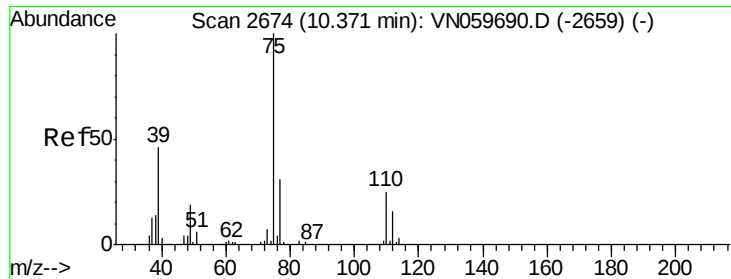
Tgt Ion: 92 Resp: 103503

Ion Ratio Lower Upper

92 100

91 174.3 140.4 210.6





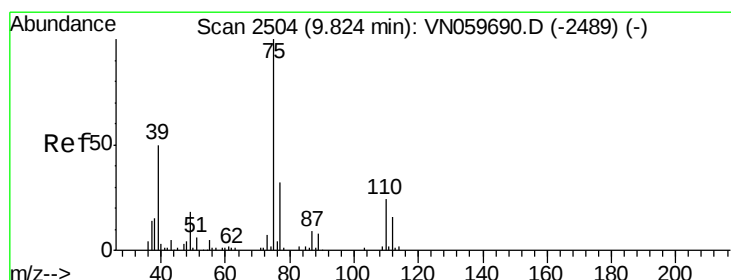
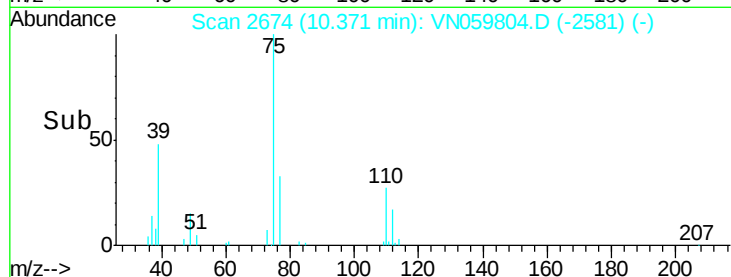
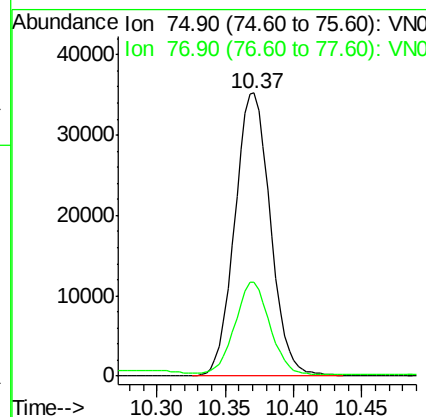
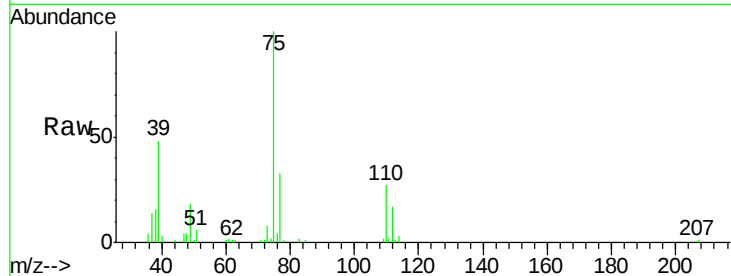
#53
t-1,3-Dichloropropene
Concen: 19.878 ug/l
RT: 10.37 min Scan# 2674
Delta R.T. 0.00 min
Lab File: VN059804.D
Acq: 21 Jan 2020 12:05

Instrument :
MSVOA_N
ClientSampled :
VN0121WBS01

Tot Ion: 75 Resp: 63922
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.2

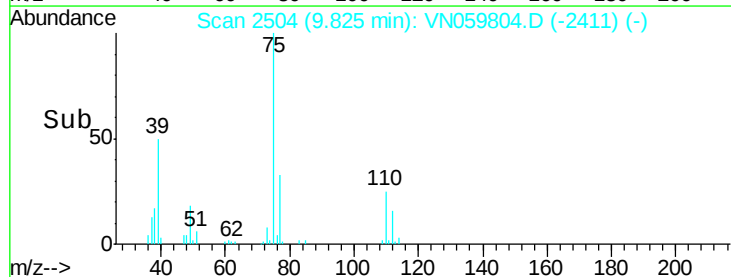
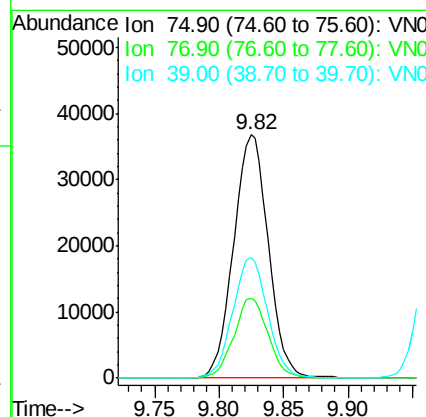
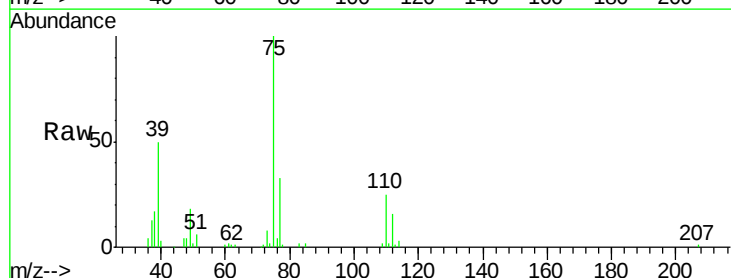
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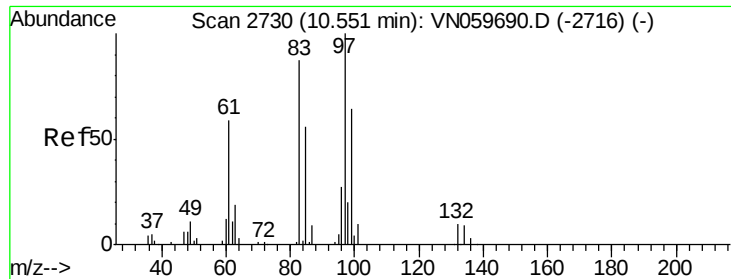
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#54
cis-1,3-Dichloropropene
Concen: 20.313 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. 0.00 min
Lab File: VN059804.D
Acq: 21 Jan 2020 12:05

Tgt Ion: 75 Resp: 68728
Ion Ratio Lower Upper
75 100
77 33.0 25.1 37.7
39 49.7 46.1 69.1





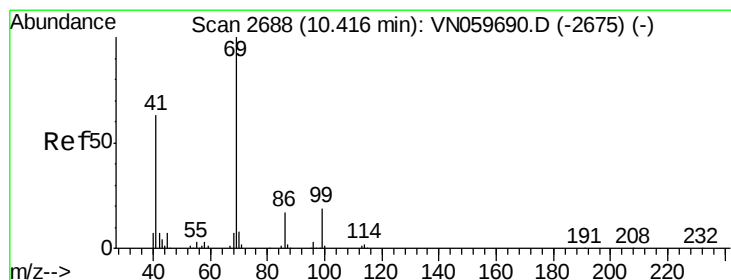
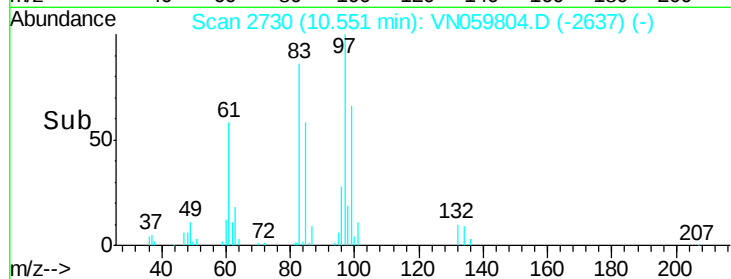
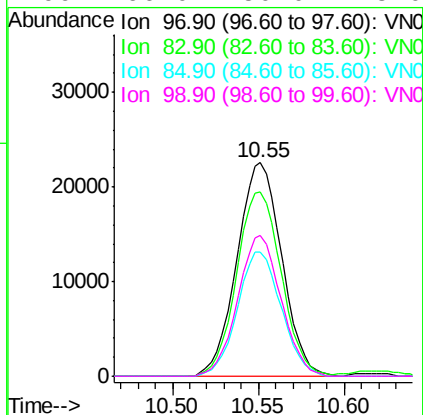
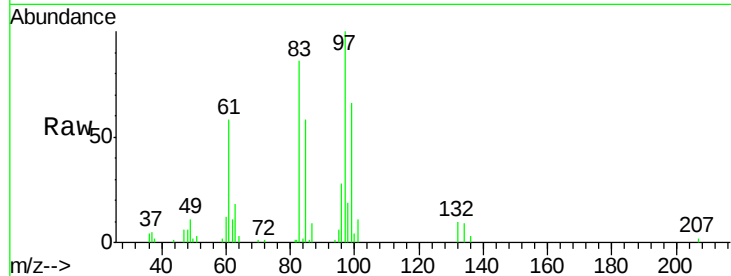
#55
 1,1,2-Trichloroethane
 Concen: 19.933 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN059804.D
 Acq: 21 Jan 2020 12:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121WBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	86.2	71.3	106.9
85	58.4	45.8	68.8
99	66.0	50.0	75.0

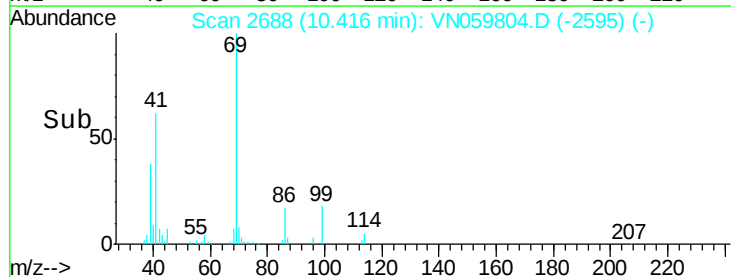
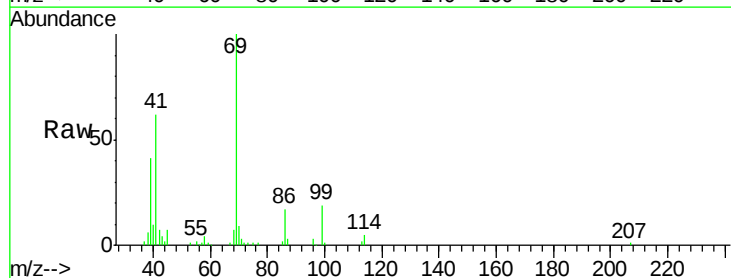
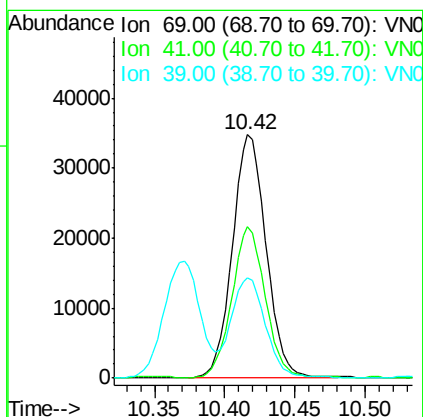
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#56
 Ethyl methacrylate
 Concen: 18.656 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN059804.D
 Acq: 21 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.7	57.1	85.7
39	42.5	34.7	52.1





#57

1,3-Dichloropropane

Concen: 20.426 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059804.D

Acq: 21 Jan 2020 12:05

Instrument :

MSVOA_N

ClientSampled :

VN0121WBS01

Tot Ion: 76 Resp: 66420

Ion Ratio Lower Upper

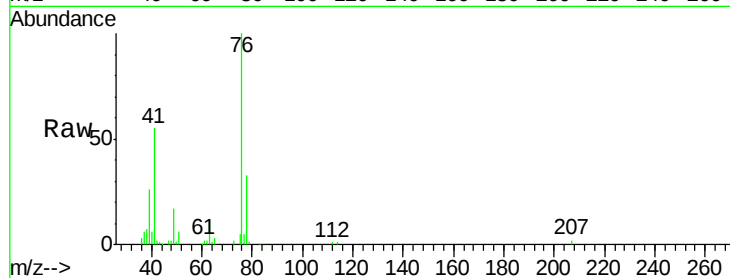
76 100

78 32.9 25.8 38.8

Manual Integrations
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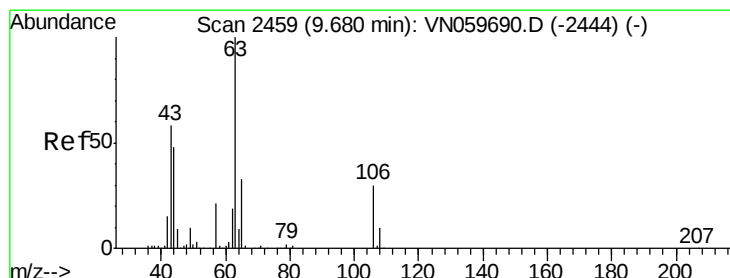
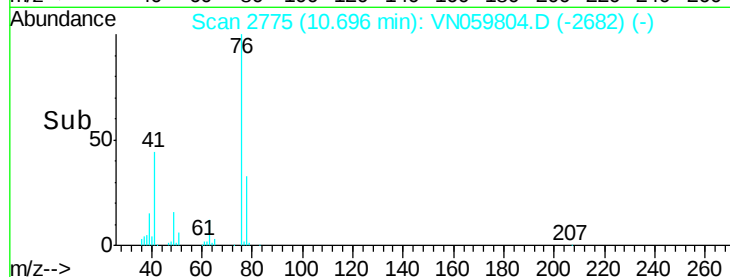
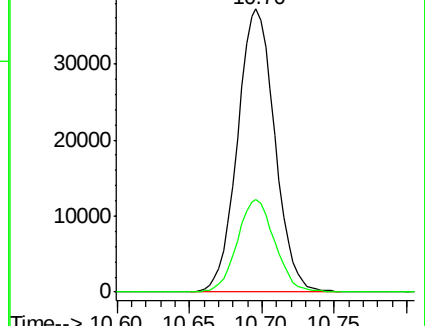
MMDadoda

1/22/2020 11:14:50 AM



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 101.369 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN059804.D

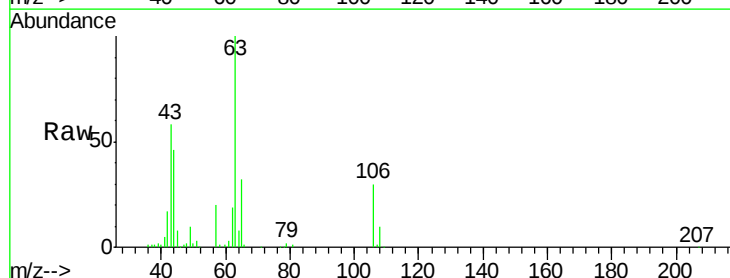
Acq: 21 Jan 2020 12:05

Tgt Ion: 63 Resp: 95556

Ion Ratio Lower Upper

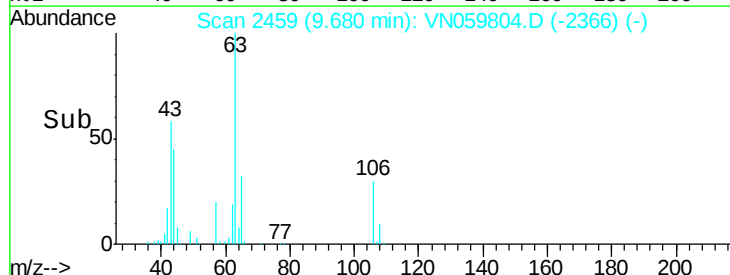
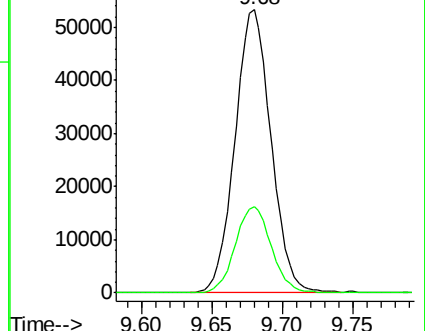
63 100

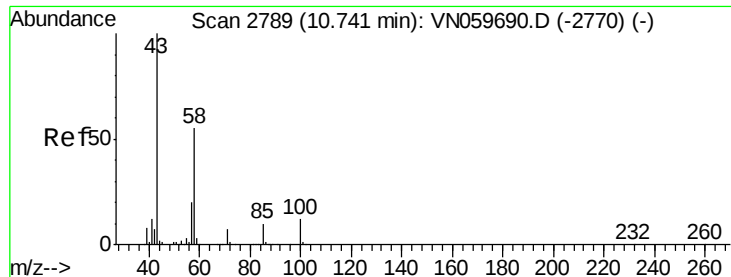
106 30.3 20.2 30.2#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





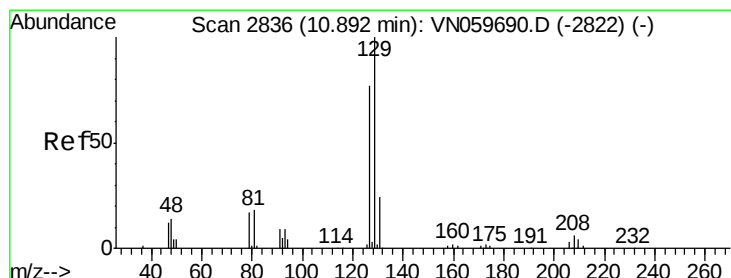
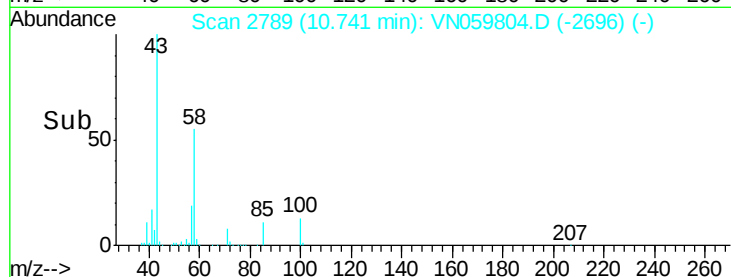
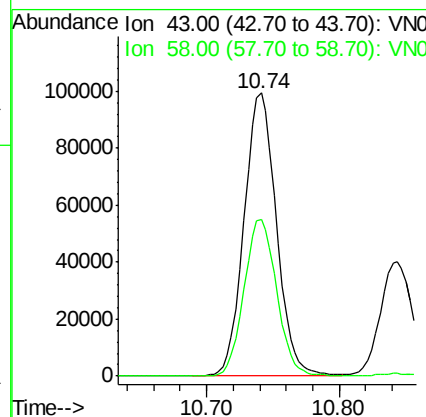
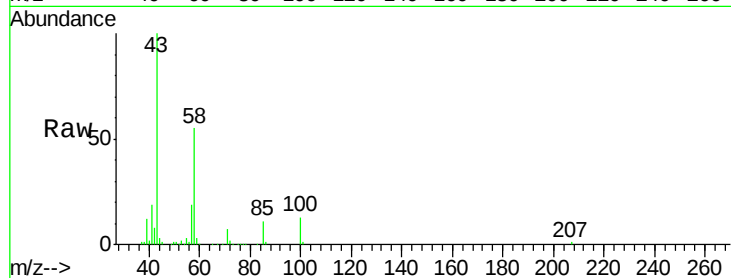
#59
2-Hexanone
Concen: 89.670 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059804.D
Acq: 21 Jan 2020 12:05

Instrument :
MSVOA_N
ClientSampled :
VN0121WBS01

Tot Ion: 43 Resp: 169122
Ion Ratio Lower Upper
43 100
58 55.8 25.8 77.3

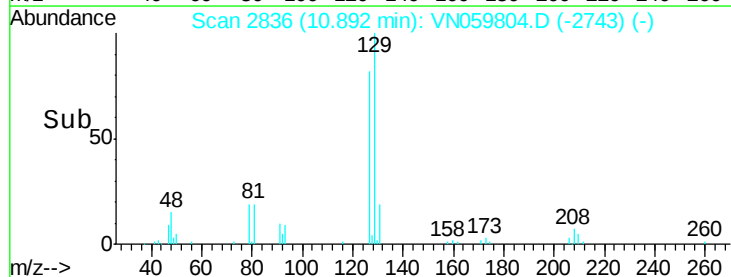
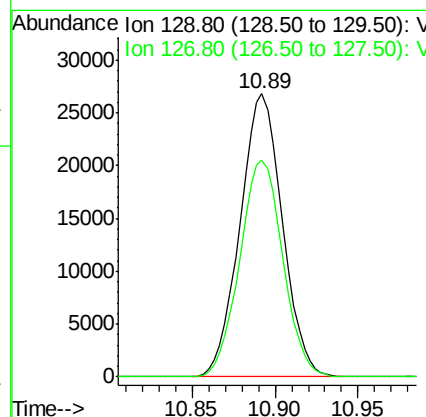
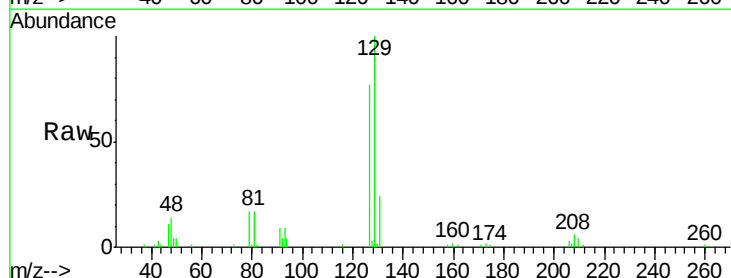
Manual Integrations
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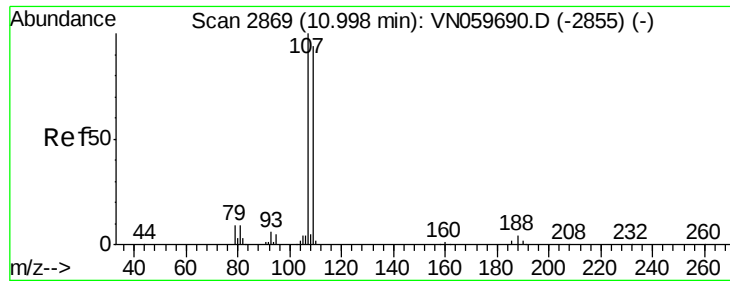
MMDadoda
1/22/2020 11:14:50 AM



#60
Dibromochloromethane
Concen: 20.414 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059804.D
Acq: 21 Jan 2020 12:05

Tgt Ion: 129 Resp: 47613
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5





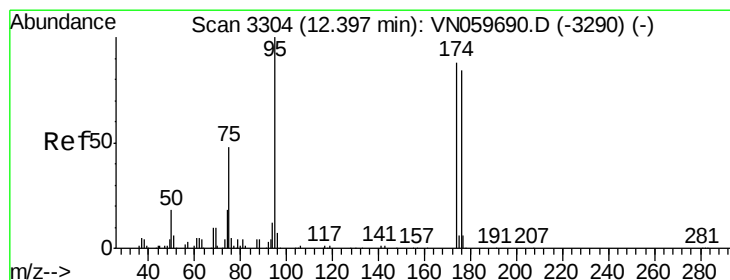
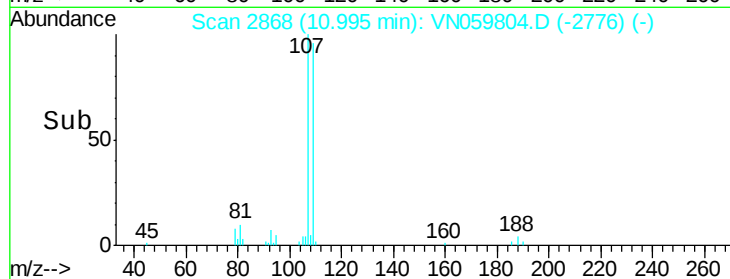
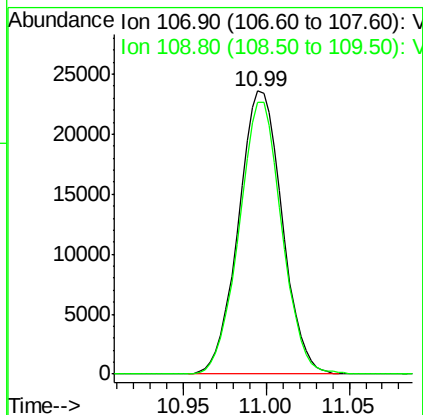
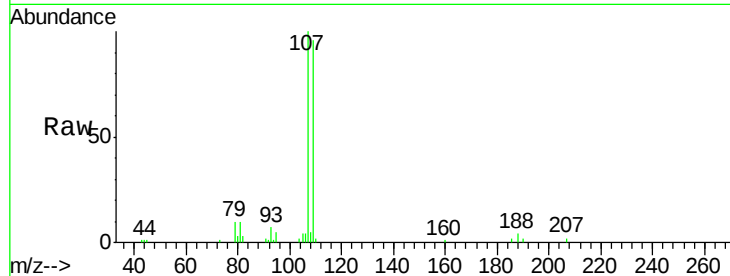
#61
 1,2-Dibromoethane
 Concen: 20.086 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN059804.D
 Acq: 21 Jan 2020 12:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121WBS01

Tot Ion:107 Resp: 43120
 Ion Ratio Lower Upper
 107 100
 109 94.0 76.6 115.0

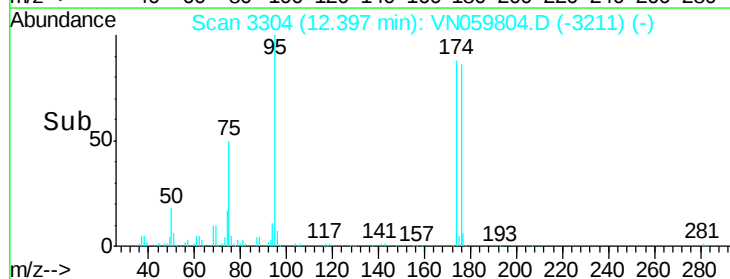
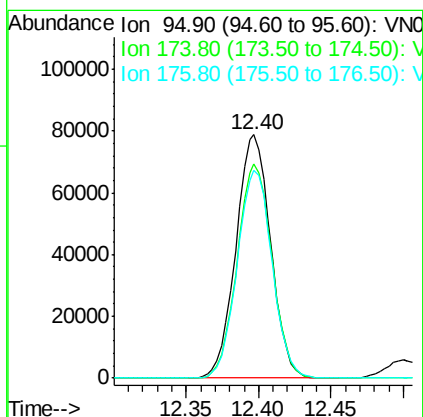
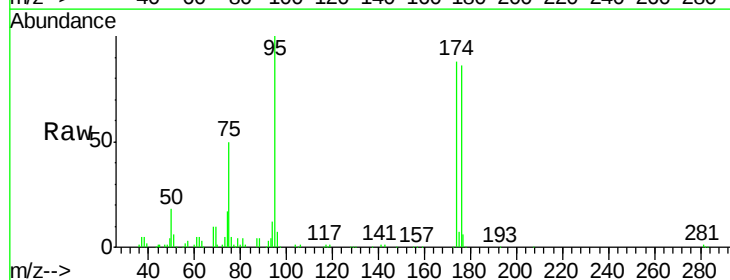
Manual Integrations
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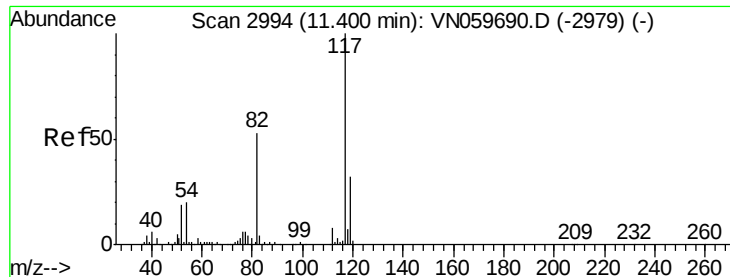
MMDadoda
 1/22/2020 11:14:50 AM



#62
 4-Bromofluorobenzene
 Concen: 49.661 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN059804.D
 Acq: 21 Jan 2020 12:05

Tgt Ion: 95 Resp: 130399
 Ion Ratio Lower Upper
 95 100
 174 88.6 0.0 151.4
 176 86.1 0.0 146.0





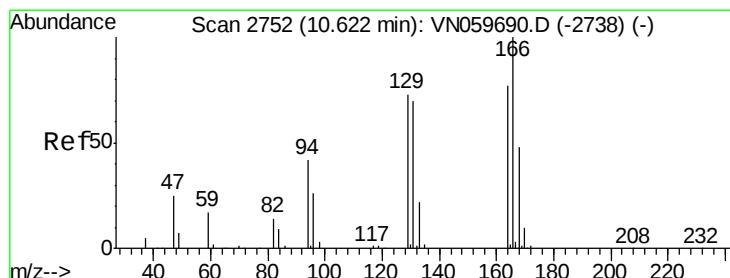
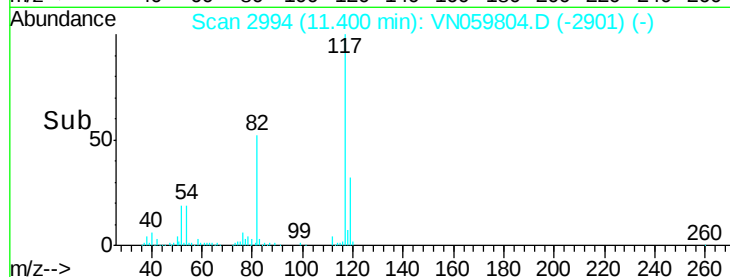
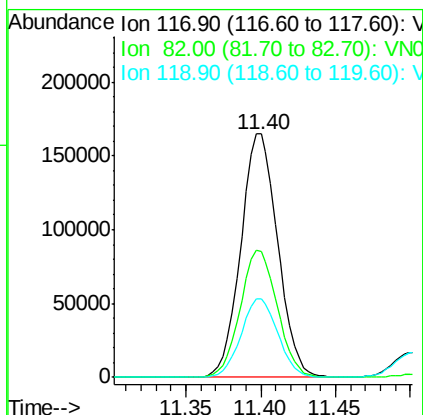
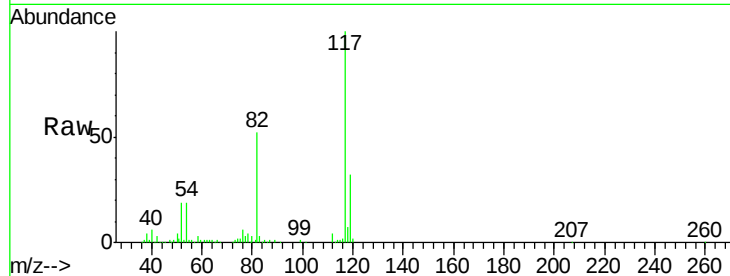
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059804.D
Acq: 21 Jan 2020 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.8	45.9	68.9
119	32.5	25.5	38.3

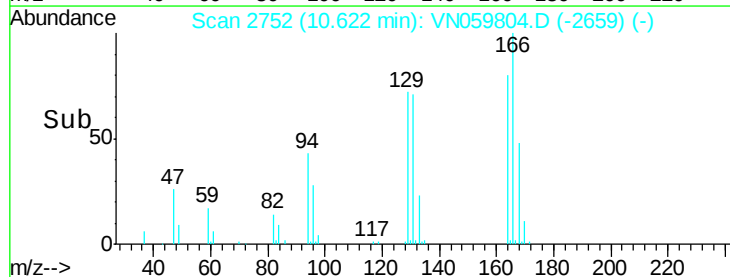
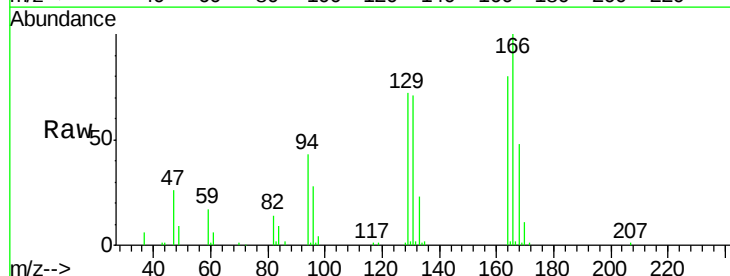
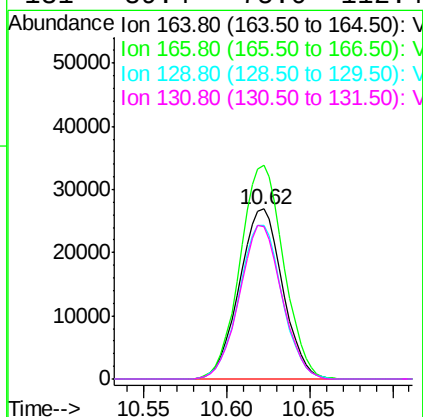
Manual Integrations
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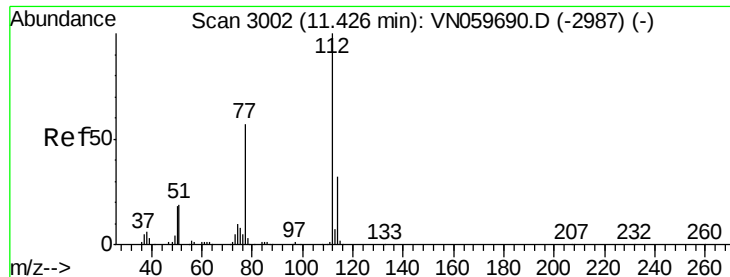
MMDadoda
1/22/2020 11:14:50 AM



#64
Tetrachloroethene
Concen: 21.138 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059804.D
Acq: 21 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.5	101.4	152.0
129	90.3	80.2	120.4
131	89.4	75.0	112.4





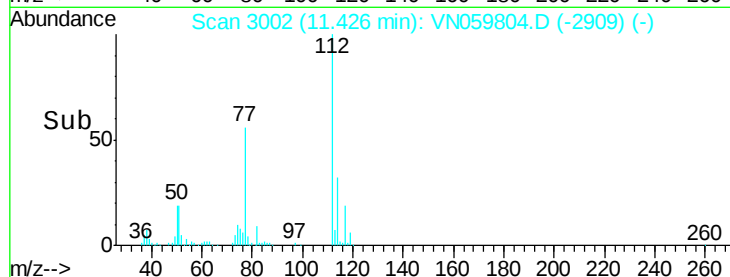
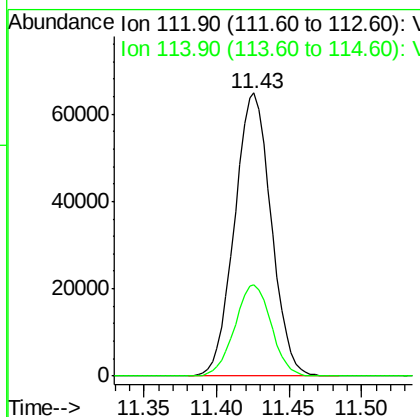
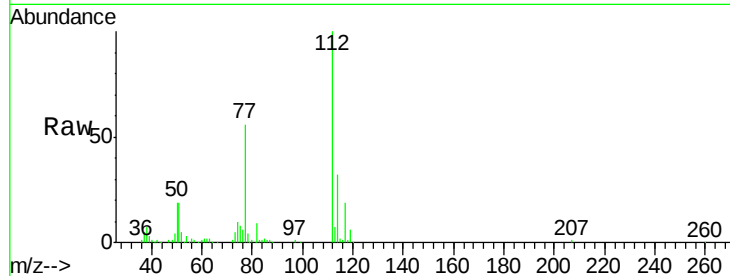
#65
Chlorobenzene
Concen: 20.435 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN059804.D
Acq: 21 Jan 2020 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01

Tot Ion:112 Resp: 113796
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.8

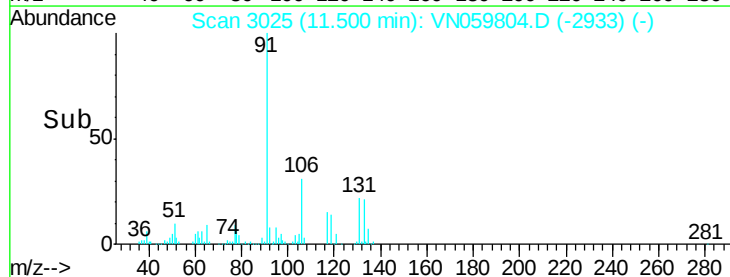
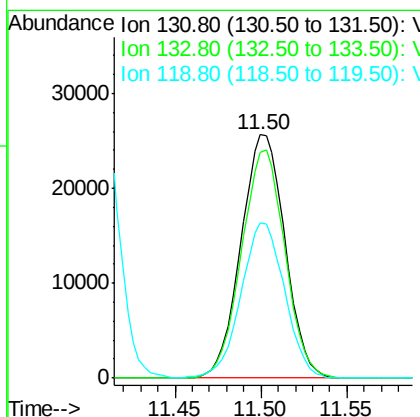
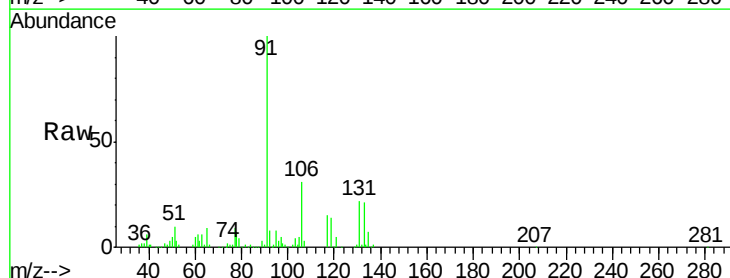
Manual Integrations
APPROVED

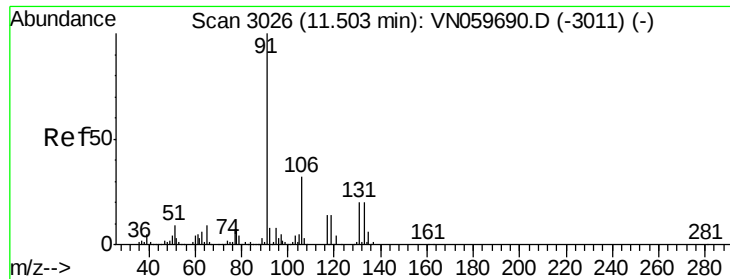
MMDadoda
1/22/2020 11:14:50 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.152 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN059804.D
Acq: 21 Jan 2020 12:05

Tgt Ion:131 Resp: 45513
Ion Ratio Lower Upper
131 100
133 93.0 47.4 142.2
119 63.2 33.1 99.3





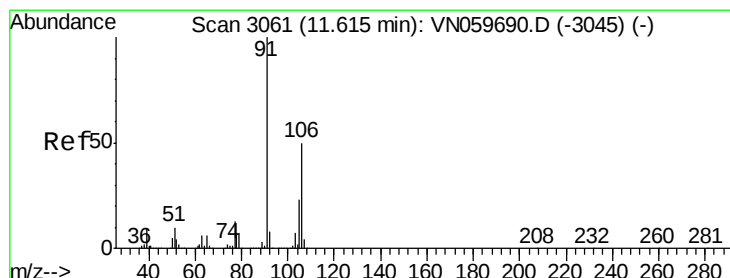
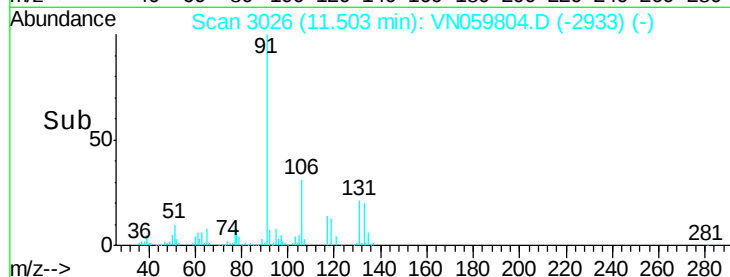
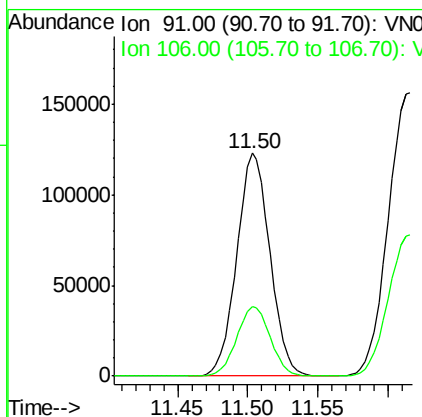
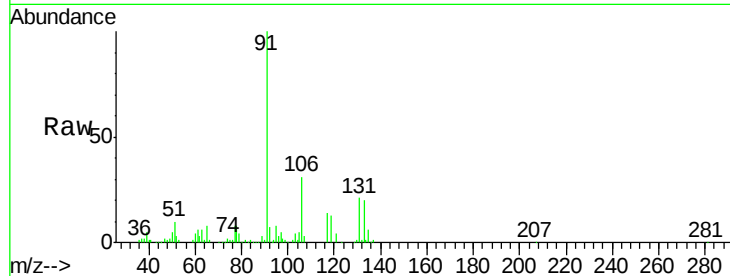
#67
Ethyl Benzene
Concen: 20.081 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059804.D
Acq: 21 Jan 2020 12:05

Instrument :
MSVOA_N
ClientSampled :
VN0121WBS01

Tot Ion: 91 Resp: 202998
Ion Ratio Lower Upper
91 100
106 31.1 24.1 36.1

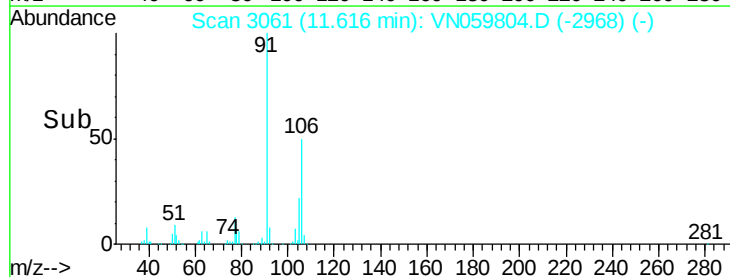
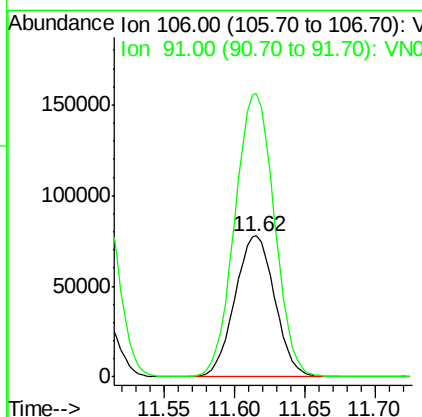
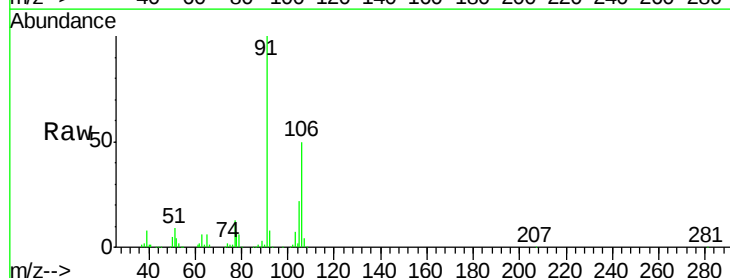
Manual Integrations
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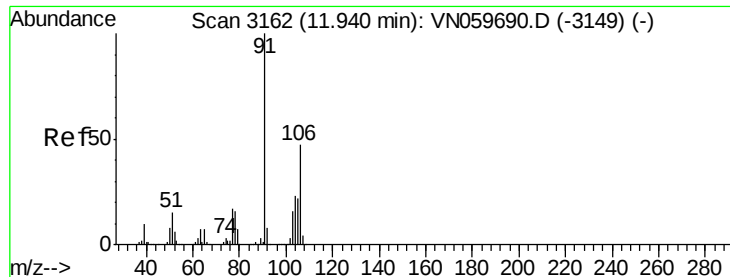
MMDadoda
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#68
m/p-Xylenes
Concen: 40.237 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN059804.D
Acq: 21 Jan 2020 12:05

Tgt Ion: 106 Resp: 153649
Ion Ratio Lower Upper
106 100
91 199.5 167.9 251.9





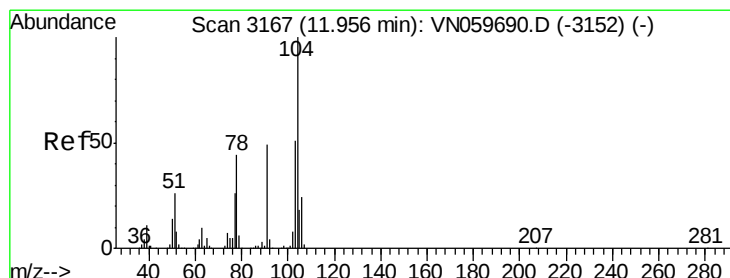
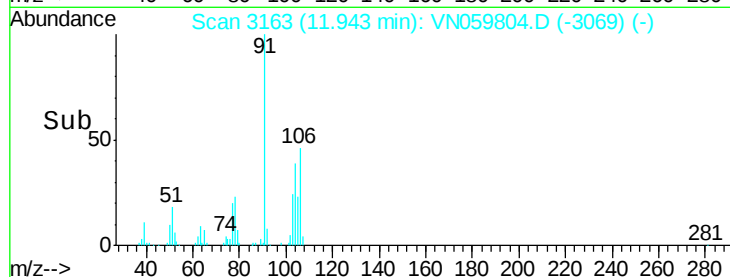
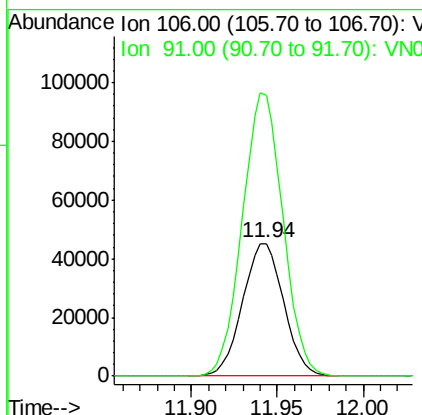
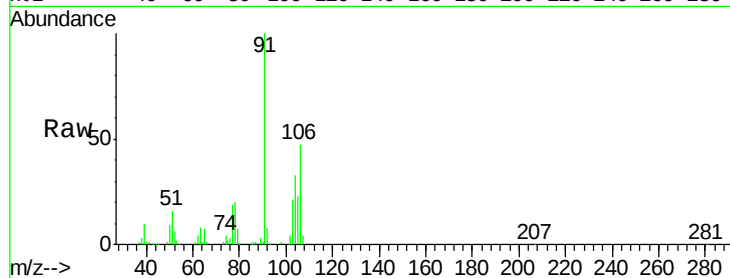
#69
o-Xylene
Concen: 20.068 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN059804.D
Acq: 21 Jan 2020 12:05

Instrument :
MSVOA_N
ClientSampleID :
VN0121WBS01

Tot Ion:106 Resp: 75025
Ion Ratio Lower Upper
106 100
91 211.0 110.3 330.9

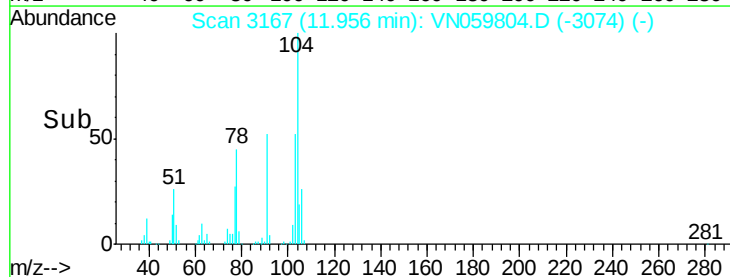
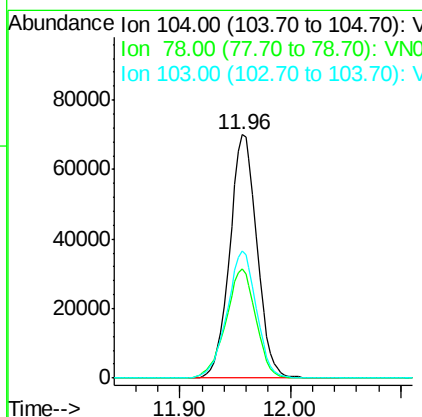
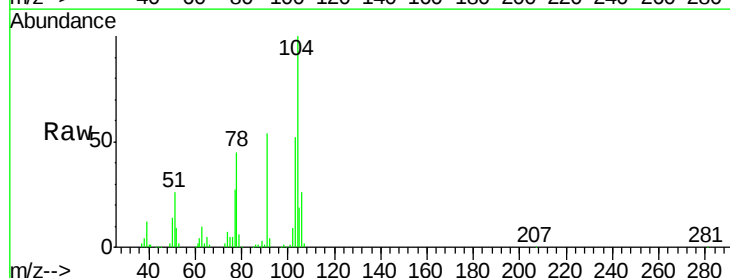
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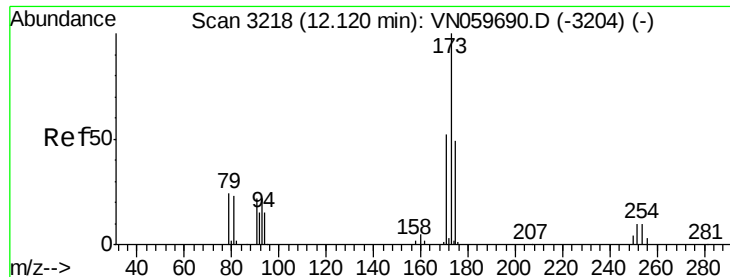
MMDadoda
1/22/2020 11:14:50 AM



#70
Styrene
Concen: 19.170 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN059804.D
Acq: 21 Jan 2020 12:05

Tgt Ion:104 Resp: 119924
Ion Ratio Lower Upper
104 100
78 49.1 42.4 63.6
103 56.0 43.9 65.9





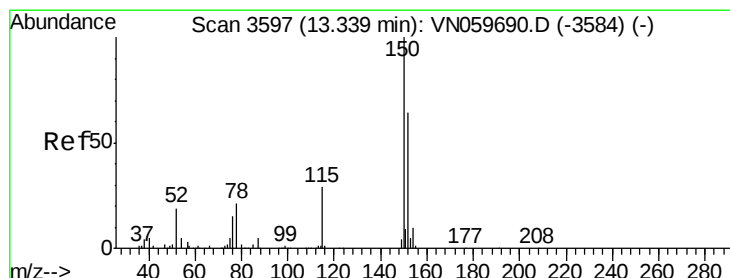
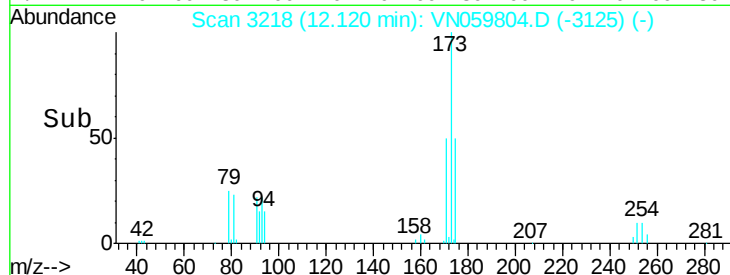
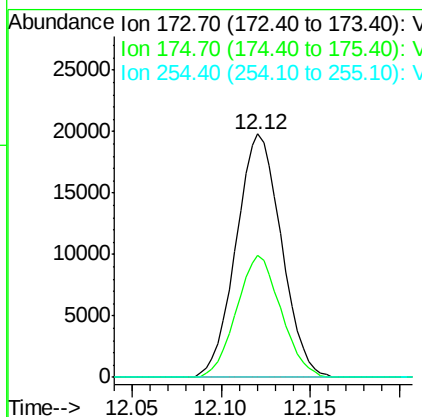
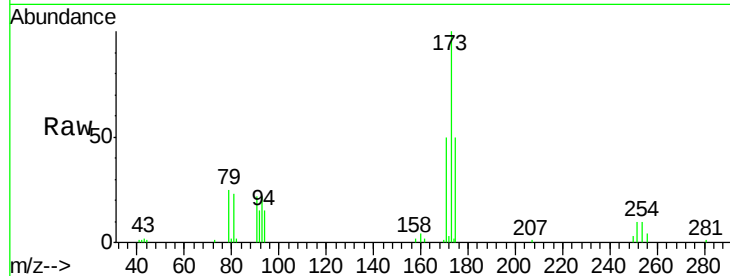
#71
Bromoform
Concen: 20.357 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN059804.D
Acq: 21 Jan 2020 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	23.8	71.4
254	0.0	0.0	0.0

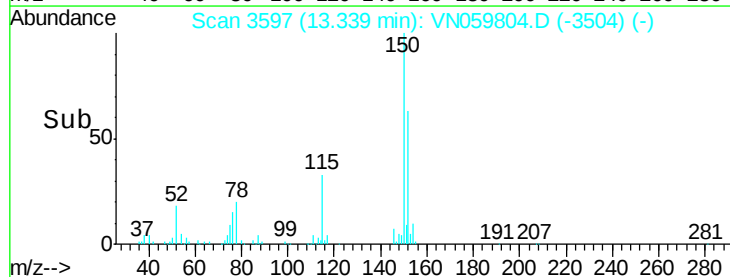
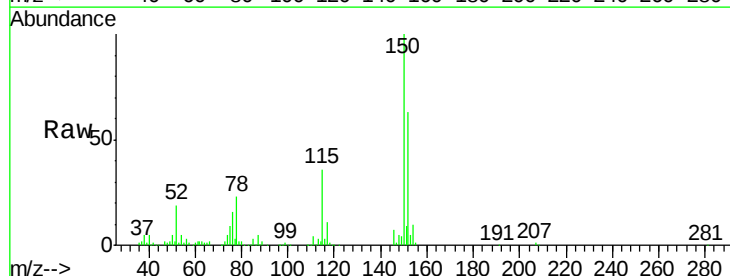
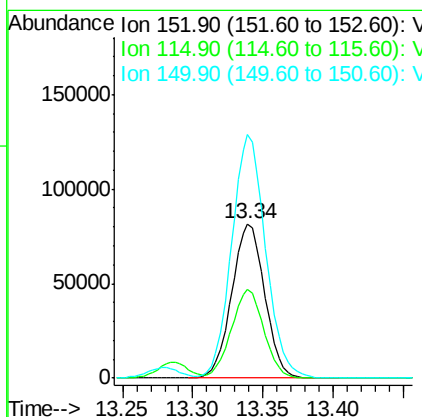
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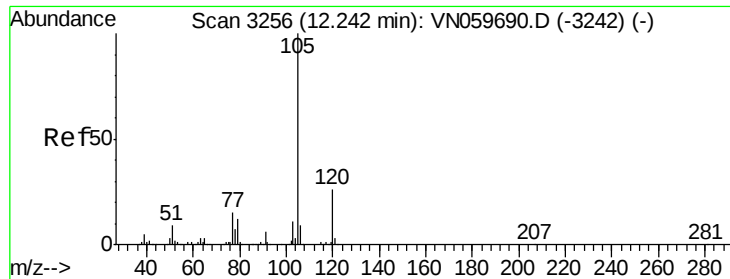
MMDadoda
1/22/2020 11:14:50 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059804.D
Acq: 21 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.6	30.3	90.9
150	161.7	0.0	345.2





#73

Isopropylbenzene

Concen: 20.498 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN059804.D

Acq: 21 Jan 2020 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN0121WBS01

Tot Ion: 105 Resp: 200811

Ion Ratio Lower Upper

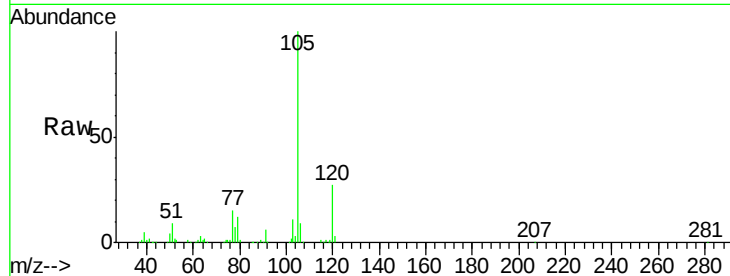
105 100

120 26.4 13.2 39.5

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

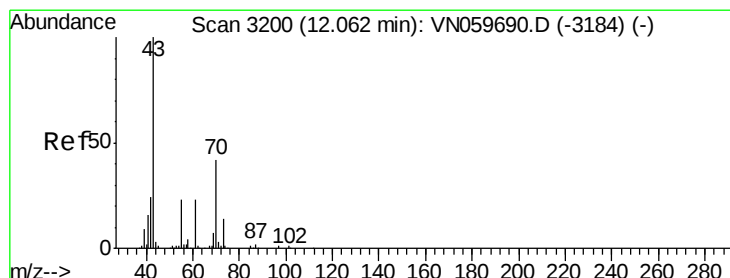
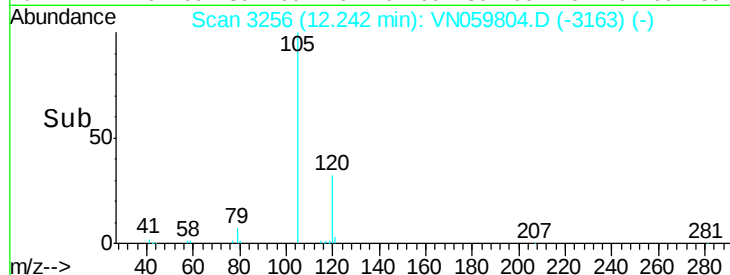
12.24

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 17.877 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN059804.D

Acq: 21 Jan 2020 12:05

Tgt Ion: 43 Resp: 67955

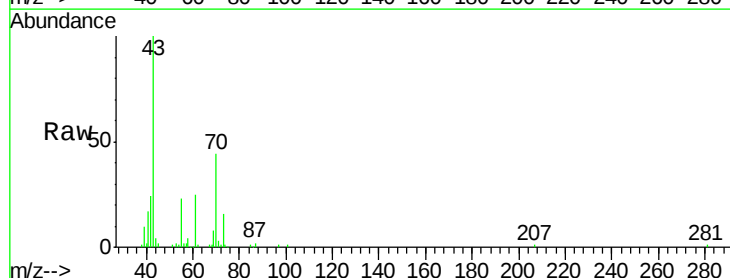
Ion Ratio Lower Upper

43 100

70 42.9 31.3 46.9

55 23.5 19.8 29.6

61 24.4 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.07

60000

50000

40000

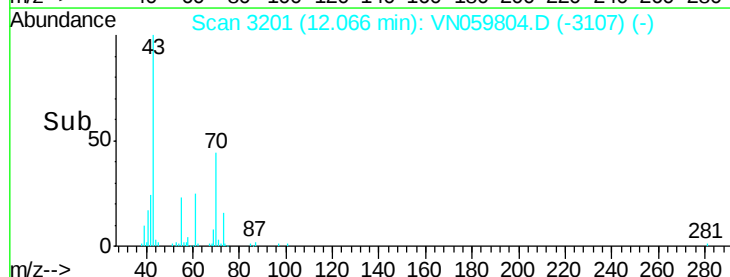
30000

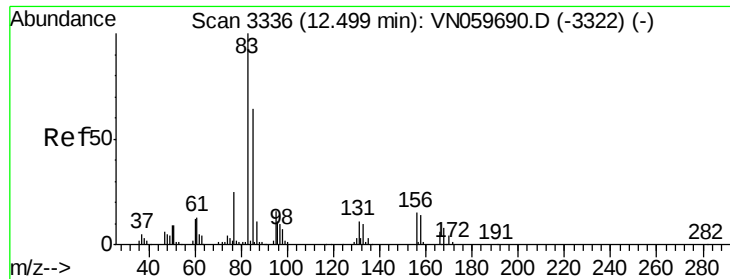
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.437 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059804.D

Acq: 21 Jan 2020 12:05

Instrument :

MSVOA_N

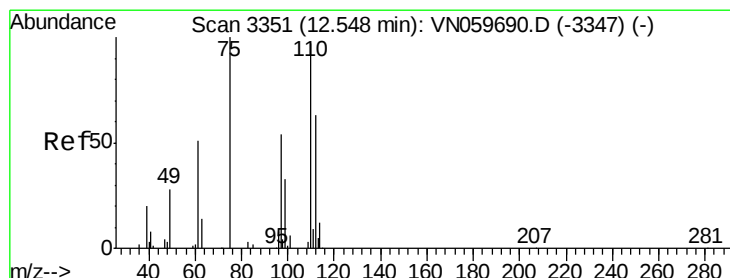
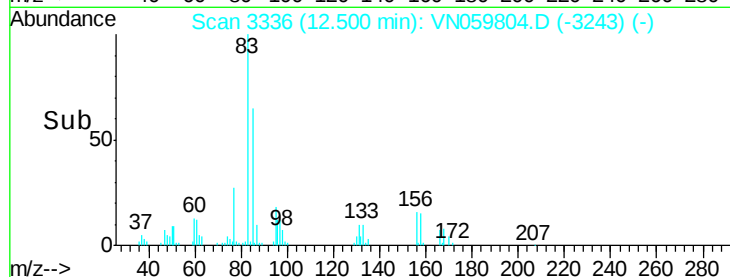
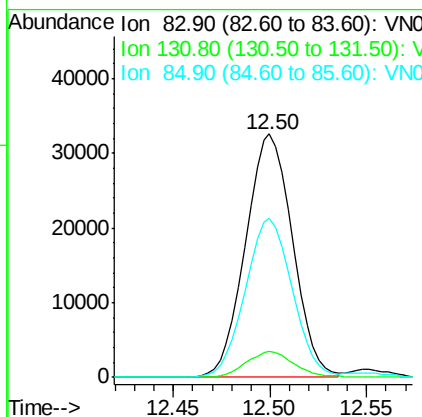
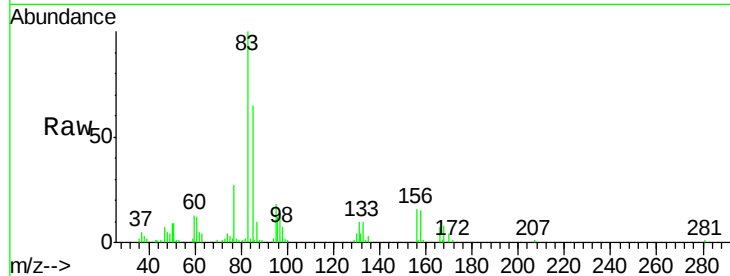
ClientSampleId :

VN0121WBS01

Tot Ion:	83	Resp:	55200
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.0	14.9
85	65.2	31.9	95.5

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#76

1,2,3-Trichloropropane

Concen: 22.467 ug/l m

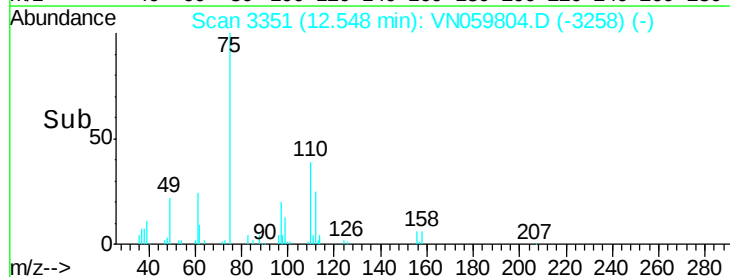
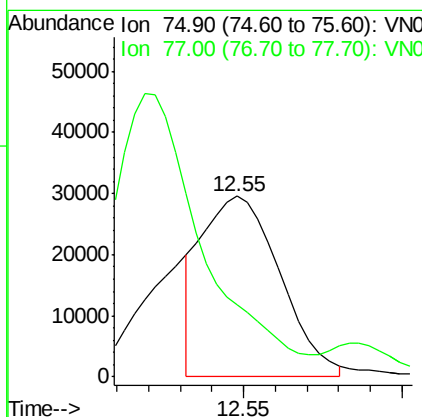
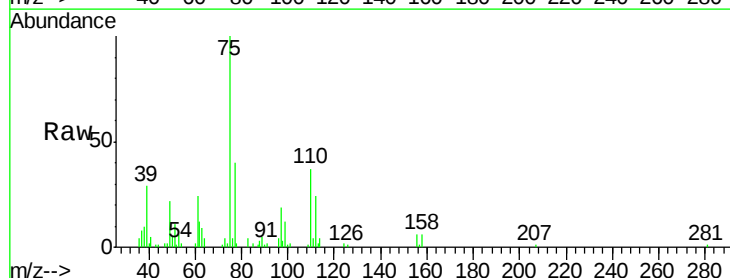
RT: 12.55 min Scan# 3351

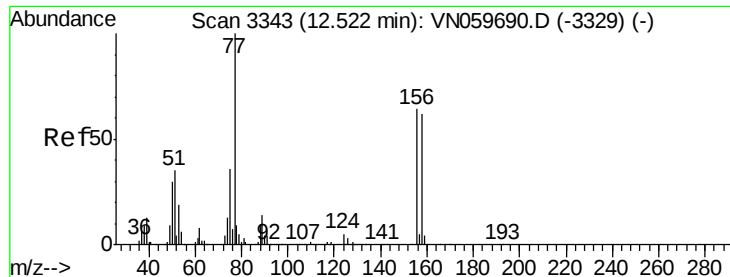
Delta R.T. 0.00 min

Lab File: VN059804.D

Acq: 21 Jan 2020 12:05

Tgt Ion:	75	Resp:	50505
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.621 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059804.D

Acq: 21 Jan 2020 12:05

Instrument :

MSVOA_N

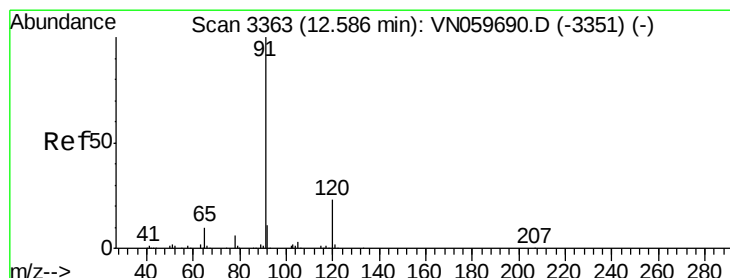
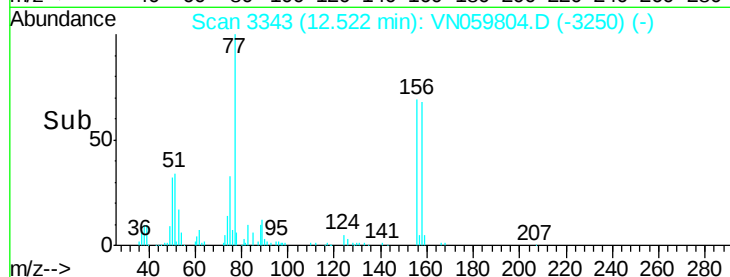
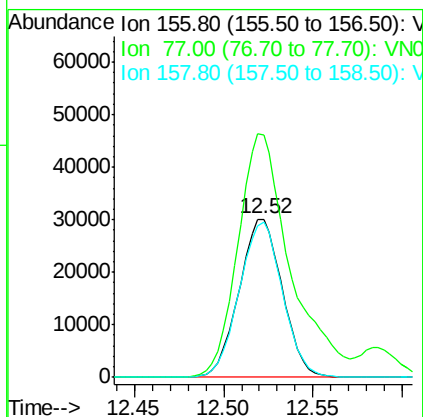
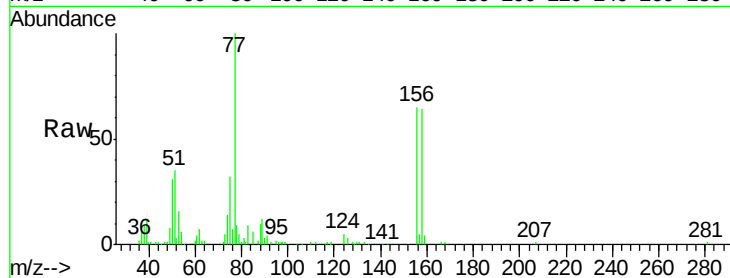
ClientSampled :

VN0121WBS01

Tot Ion:	156	Resp:	51156
Ion	Ratio	Lower	Upper
156	100		
77	185.7	115.8	347.4
158	97.9	49.2	147.6

Manual Integrations
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#78

n-propylbenzene

Concen: 20.236 ug/l

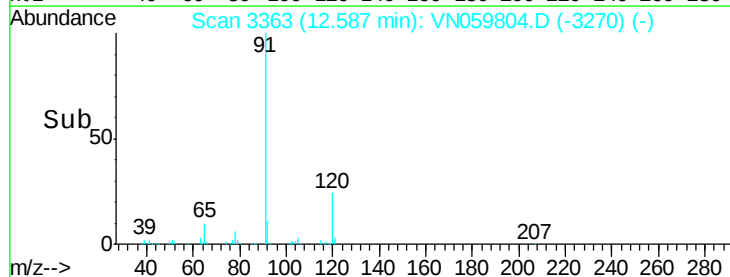
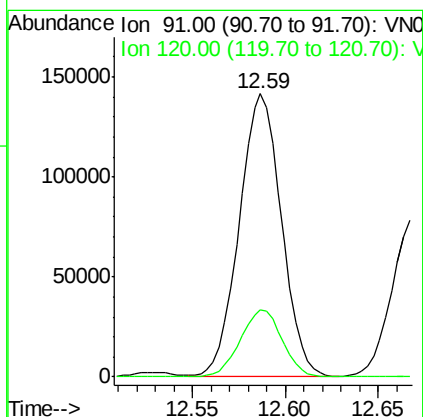
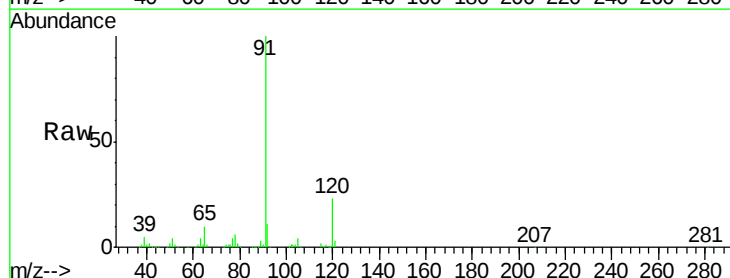
RT: 12.59 min Scan# 3363

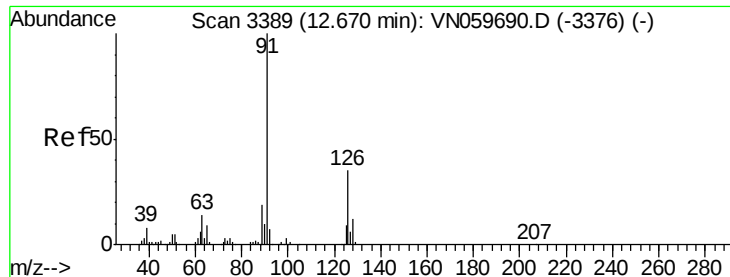
Delta R.T. 0.00 min

Lab File: VN059804.D

Acq: 21 Jan 2020 12:05

Tgt Ion:	91	Resp:	222503
Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.1	33.3





#79

2-Chlorotoluene

Concen: 20.200 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN059804.D

Acq: 21 Jan 2020 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN0121WBS01

Tot Ion: 91 Resp: 132129

Ion Ratio Lower Upper

91 100

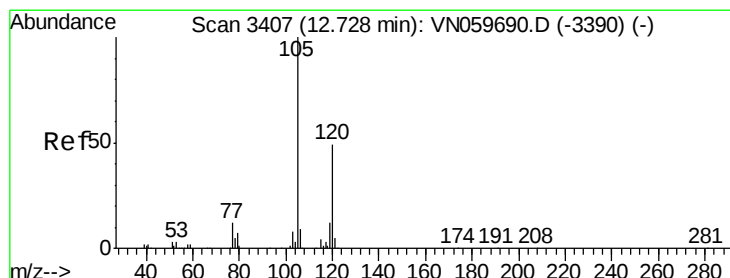
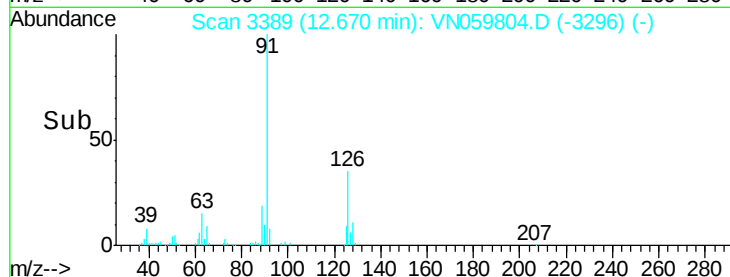
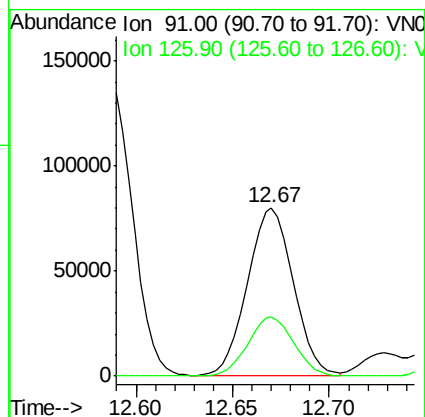
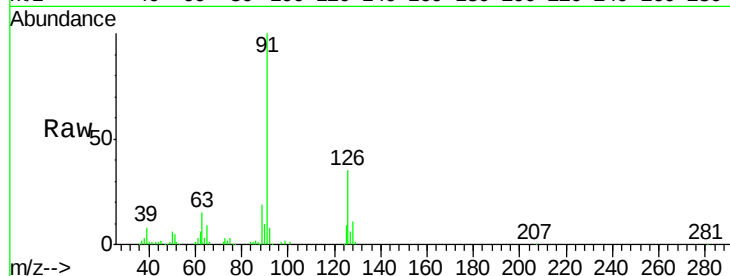
126 35.3 16.3 48.9

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#80

1,3,5-Trimethylbenzene

Concen: 20.369 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN059804.D

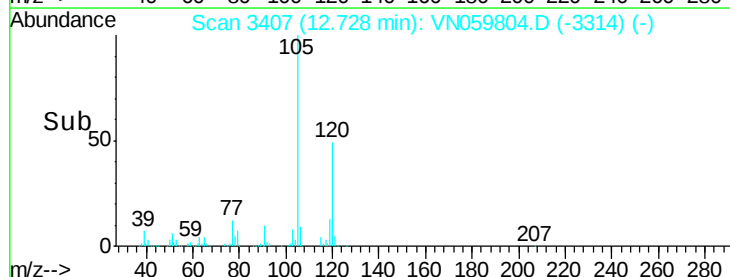
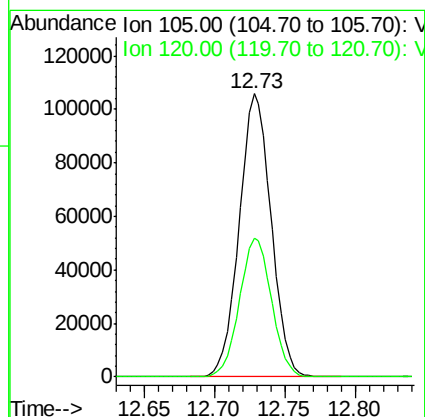
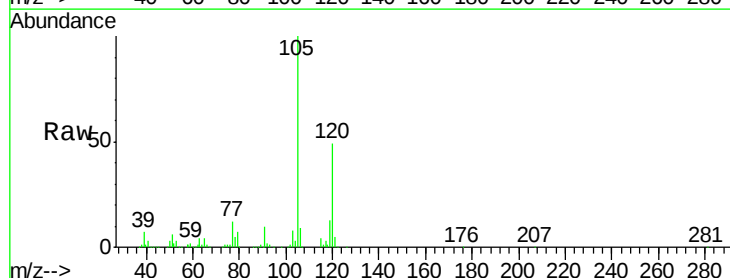
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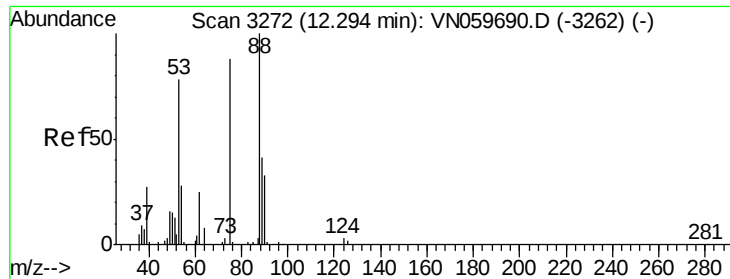
Tgt Ion: 105 Resp: 167814

Ion Ratio Lower Upper

105 100

120 49.1 24.1 72.4





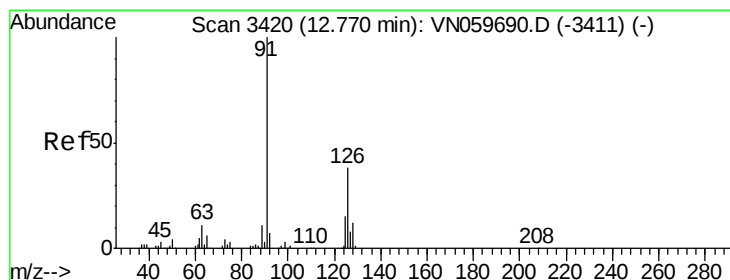
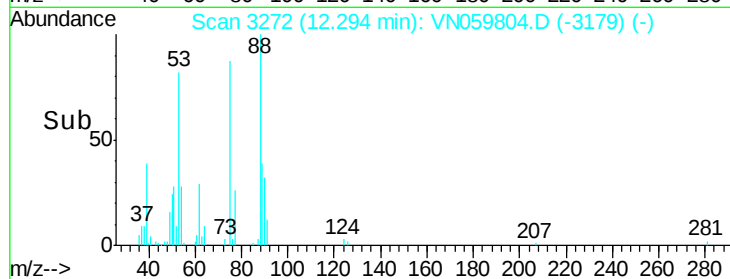
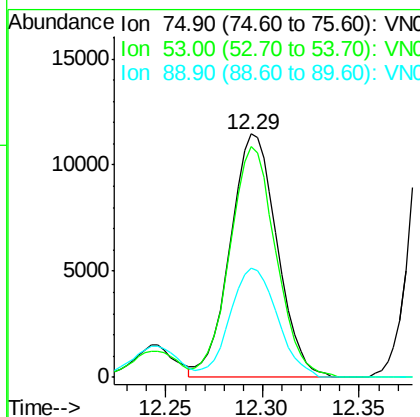
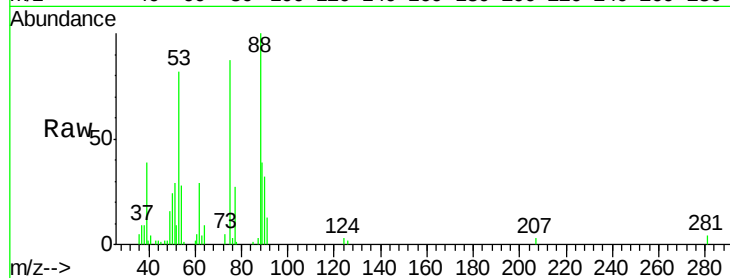
#81
trans-1,4-Dichloro-2-butene
Concen: 18.504 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. 0.00 min
Lab File: VN059804.D
Acq: 21 Jan 2020 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.3	78.1	117.1
89	45.3	35.4	53.2

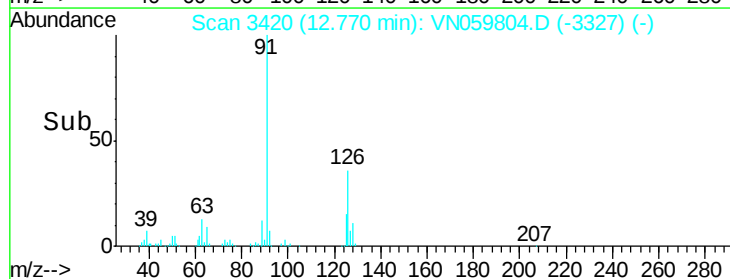
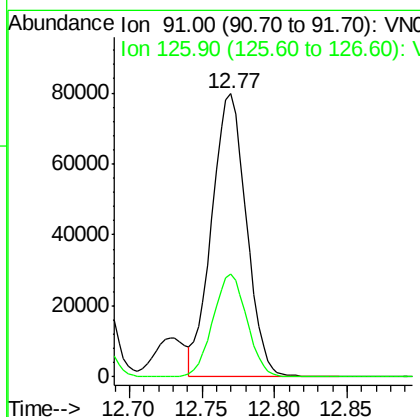
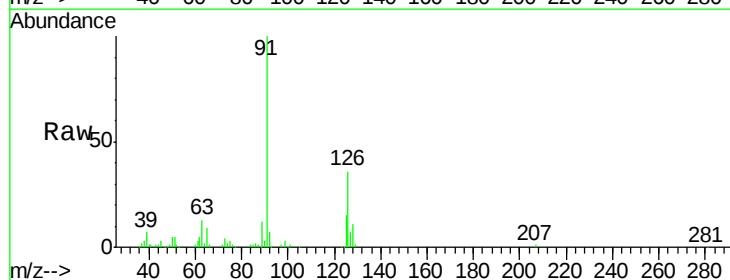
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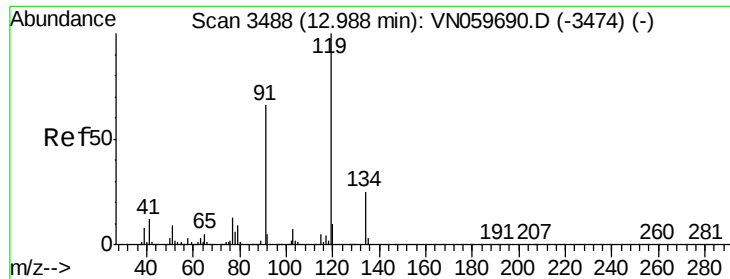
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#82
4-Chlorotoluene
Concen: 20.179 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN059804.D
Acq: 21 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.6	16.3	48.8





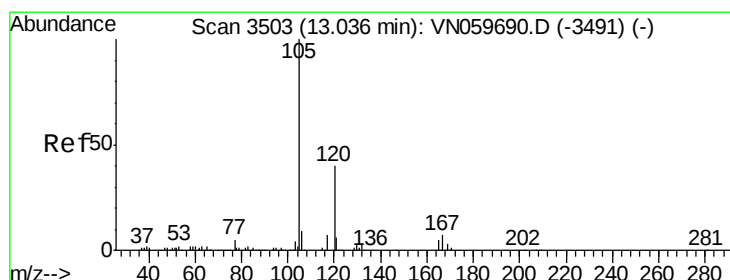
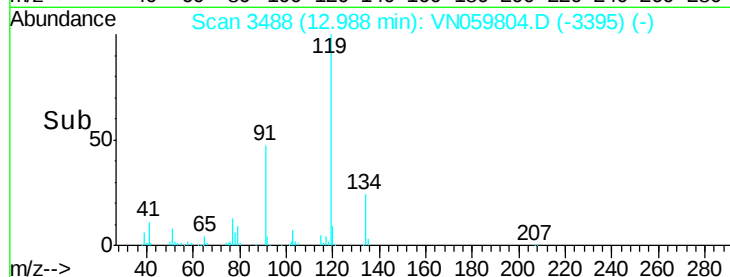
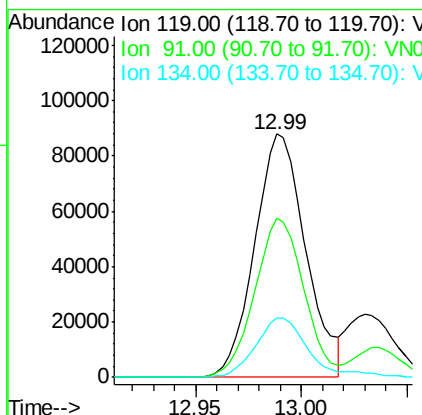
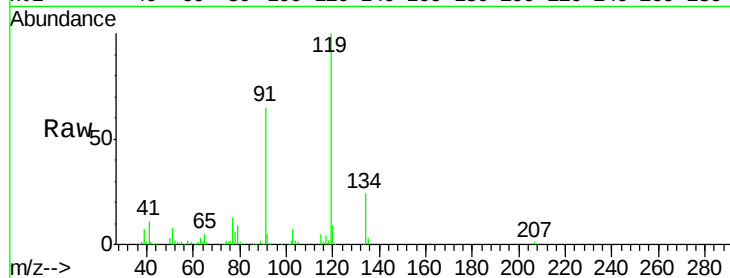
#83
tert-Butylbenzene
Concen: 20.786 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. 0.00 min
Lab File: VN059804.D
Acq: 21 Jan 2020 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.9	34.8	104.4
134	25.3	12.3	36.9

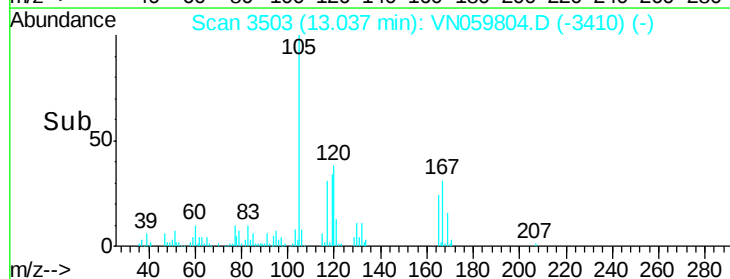
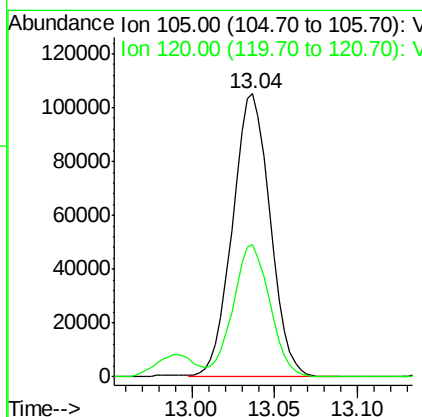
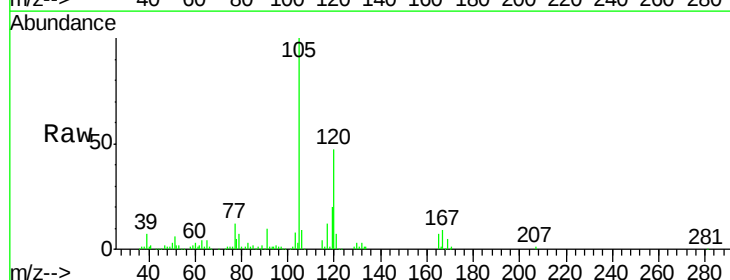
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#84
1,2,4-Trimethylbenzene
Concen: 20.413 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN059804.D
Acq: 21 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.3	66.9





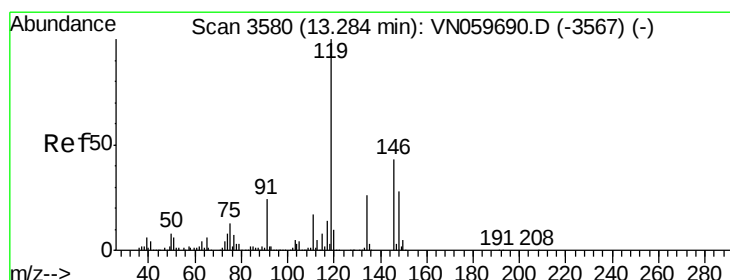
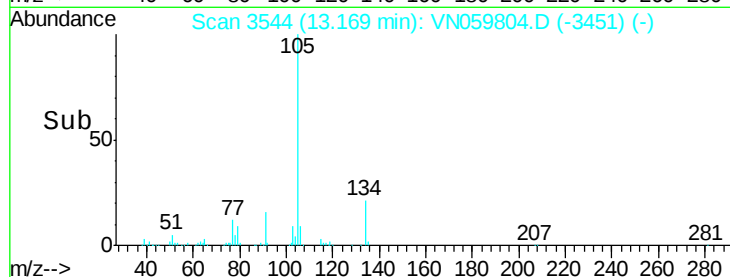
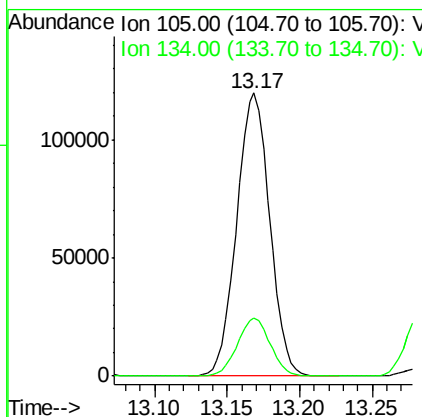
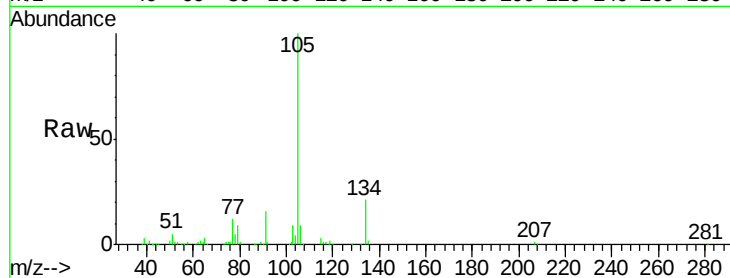
#85
 sec-Butylbenzene
 Concen: 20.282 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN059804.D
 Acq: 21 Jan 2020 12:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	189879		
134	20.4	9.8	29.5	

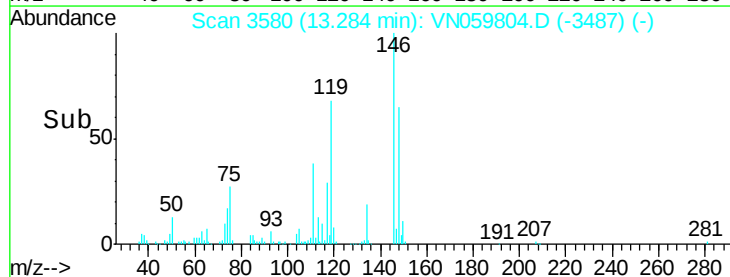
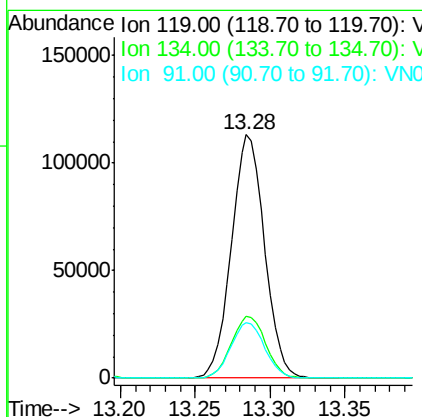
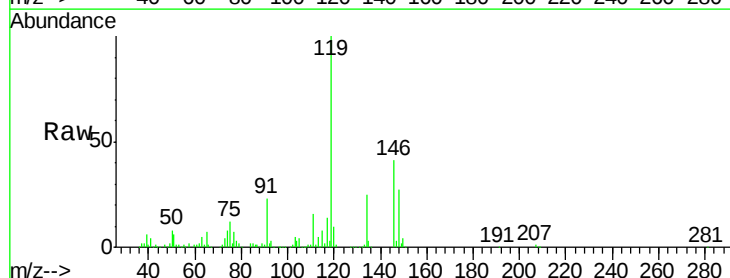
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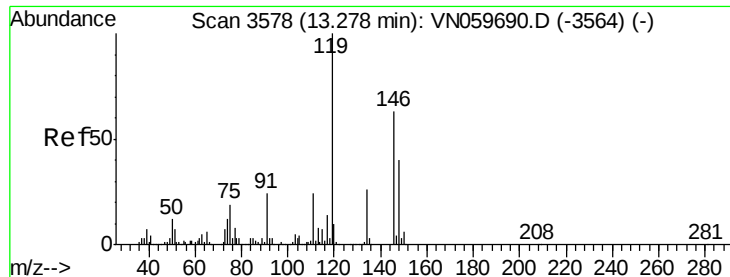
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#86
 p-Isopropyltoluene
 Concen: 20.132 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN059804.D
 Acq: 21 Jan 2020 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	174392		
134	26.3	12.9	38.7	
91	23.4	12.4	37.4	





#87

1,3-Dichlorobenzene

Concen: 20.264 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

Lab File: VN059804.D

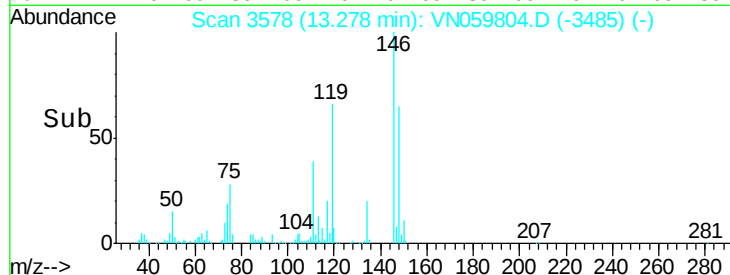
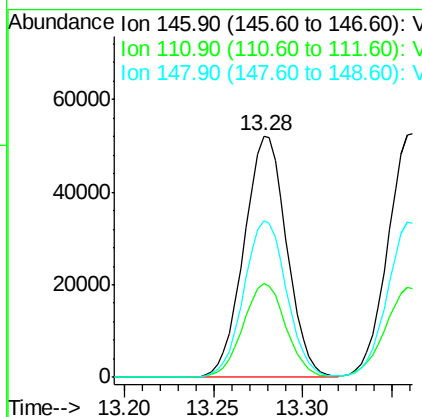
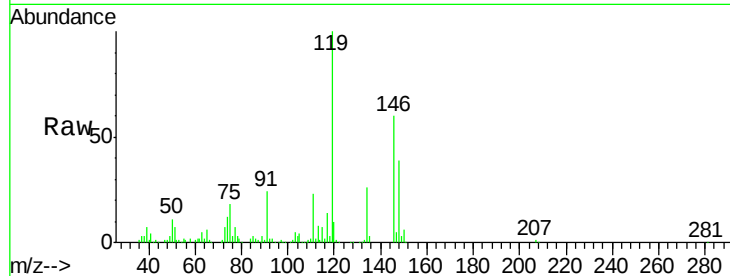
Acq: 21 Jan 2020 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	20.8	62.2
148	65.1	32.0	96.0

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#88

1,4-Dichlorobenzene

Concen: 20.430 ug/l

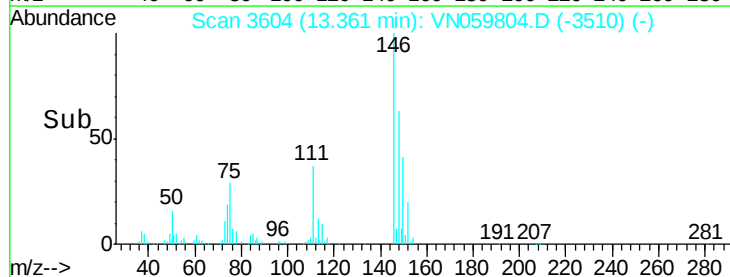
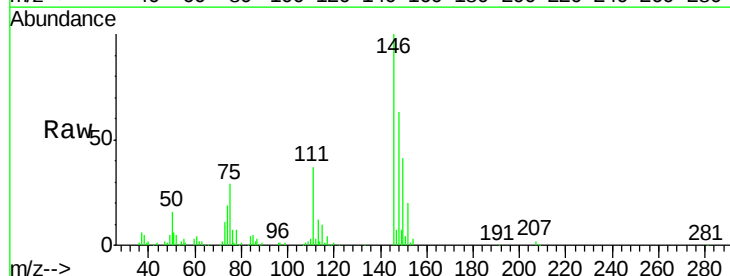
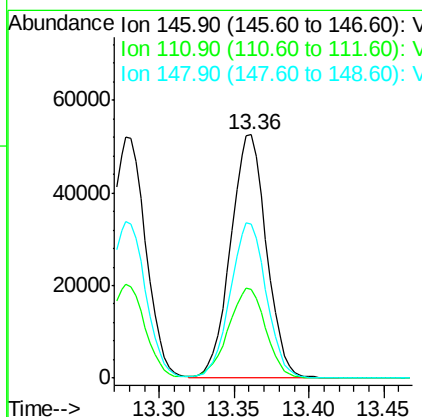
RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN059804.D

Acq: 21 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	20.8	62.2
148	64.3	31.8	95.4





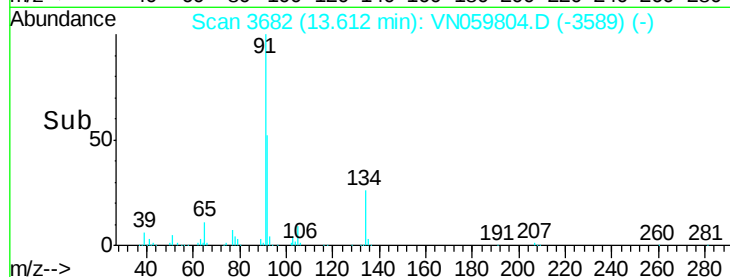
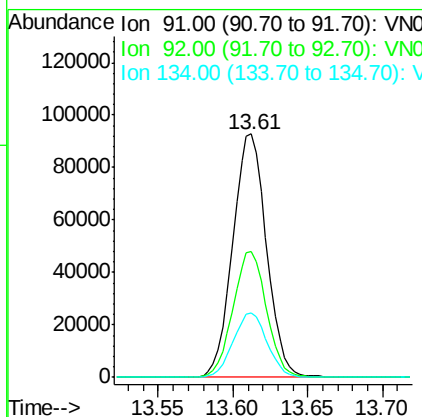
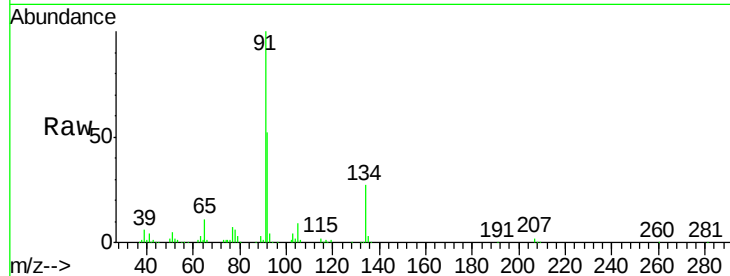
#89
n-Butylbenzene
Concen: 19.715 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN059804.D
Acq: 21 Jan 2020 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.4	25.9	77.7
134	26.8	12.3	36.8

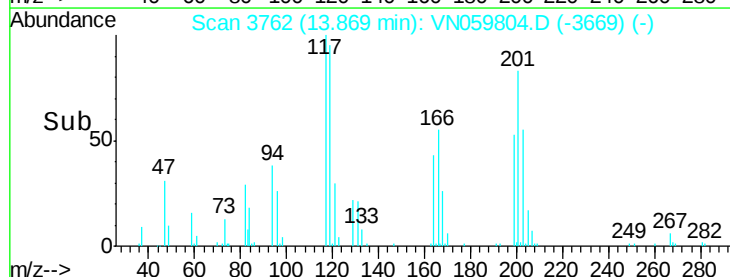
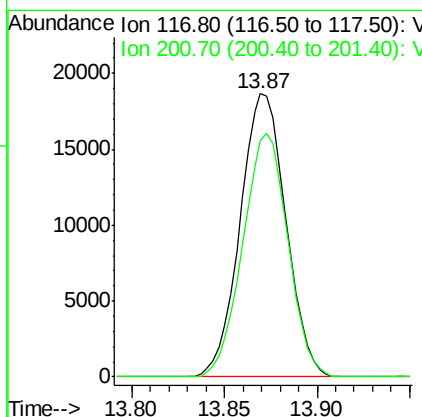
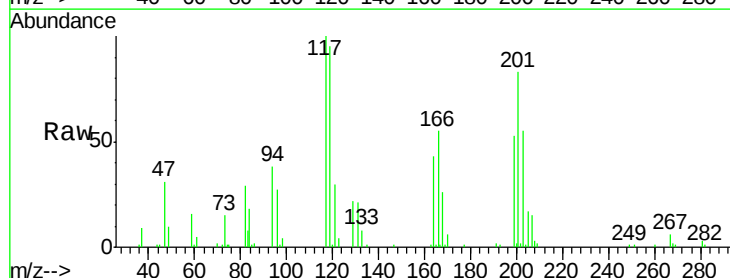
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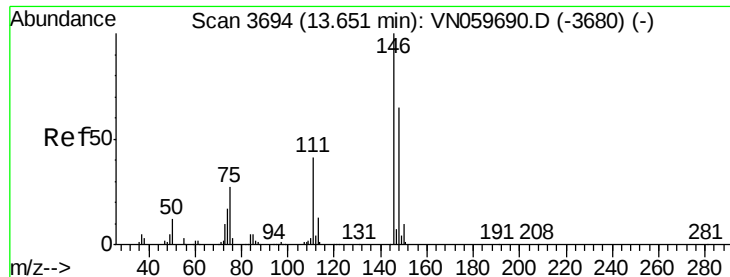
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#90
Hexachloroethane
Concen: 19.697 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. 0.00 min
Lab File: VN059804.D
Acq: 21 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.8	37.8	113.4





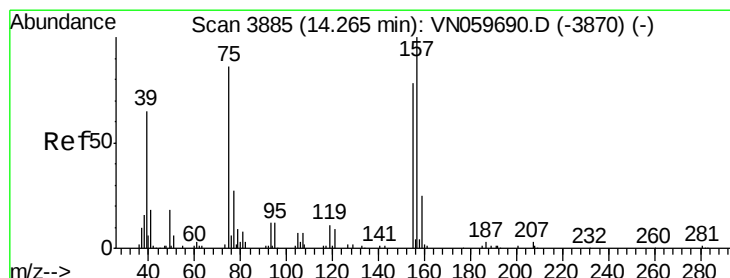
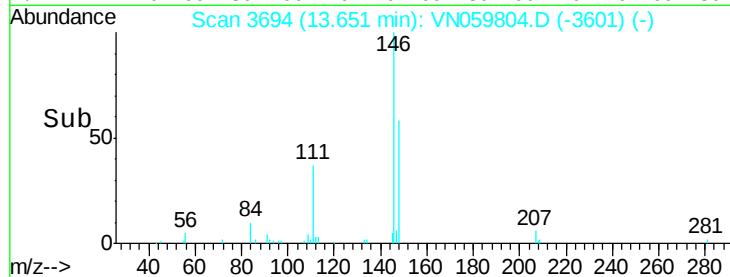
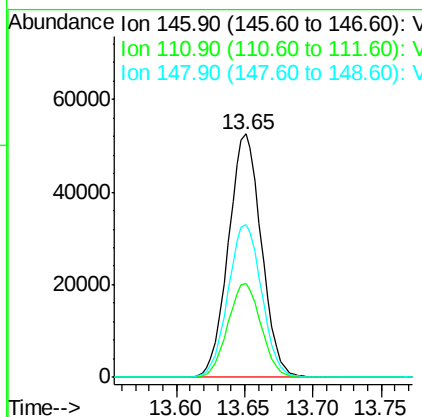
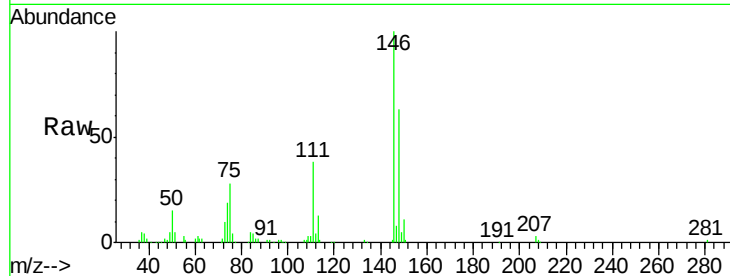
#91
 1,2-Dichlorobenzene
 Concen: 20.697 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN059804.D
 Acq: 21 Jan 2020 12:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	21.6	64.8
148	63.9	31.6	95.0

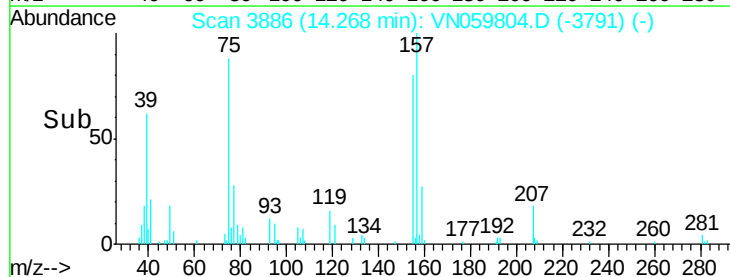
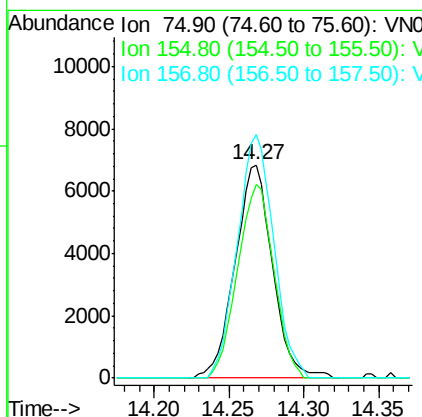
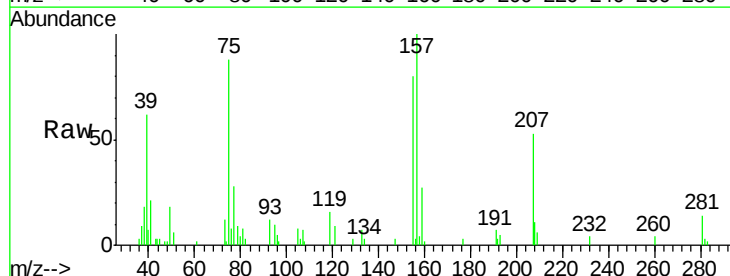
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.272 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN059804.D
 Acq: 21 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.5	37.0	110.9
157	110.7	48.4	145.2





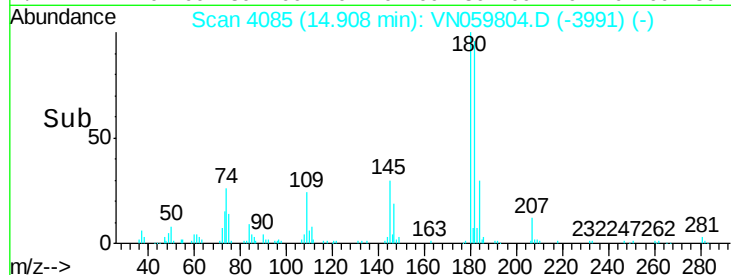
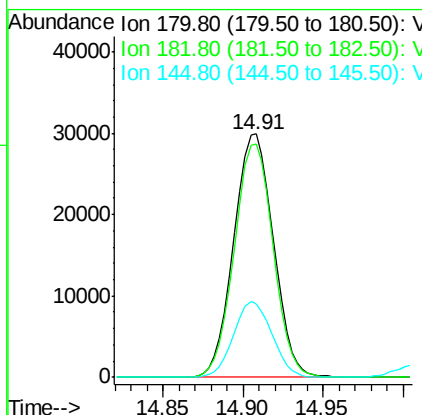
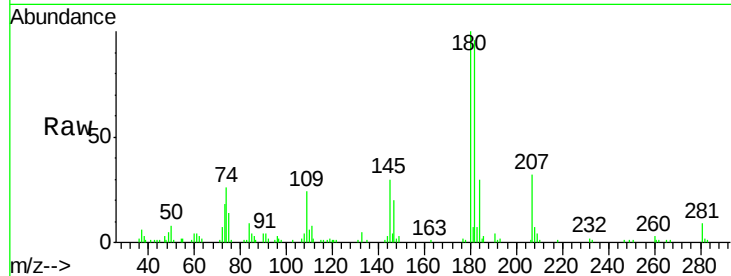
#93
 1,2,4-Trichlorobenzene
 Concen: 19.783 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN059804.D
 Acq: 21 Jan 2020 12:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	46.9	140.7
145	30.0	15.0	45.1

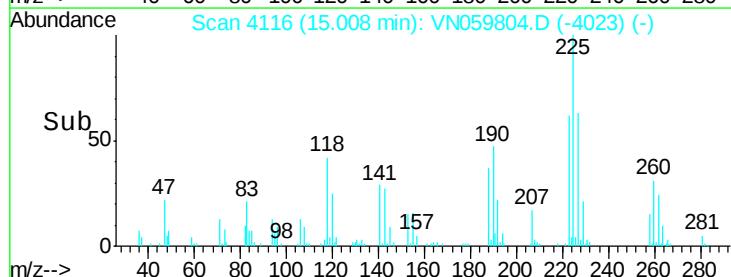
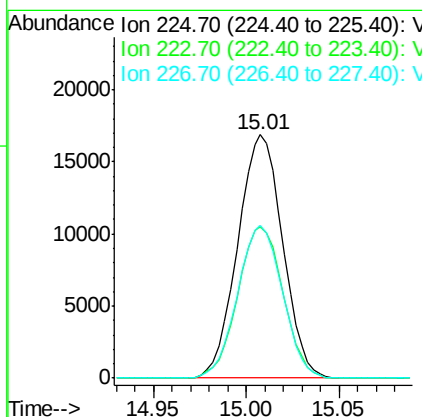
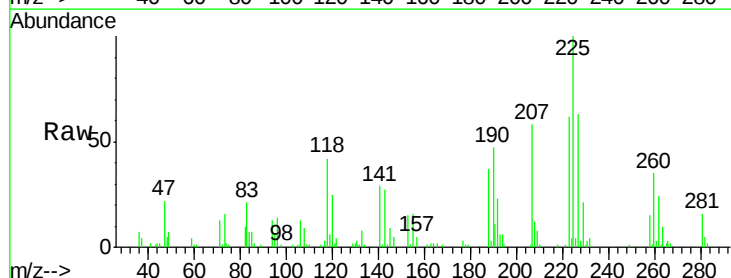
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#94
 Hexachlorobutadiene
 Concen: 20.073 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059804.D
 Acq: 21 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.8	95.3
227	62.6	32.1	96.5





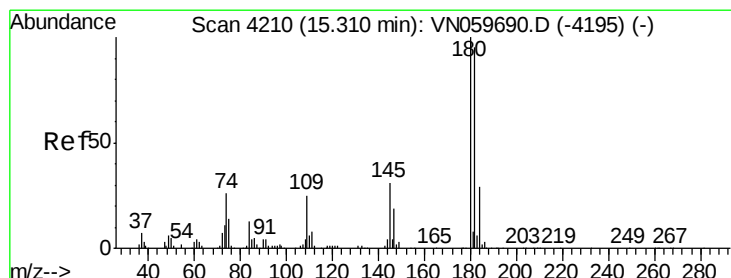
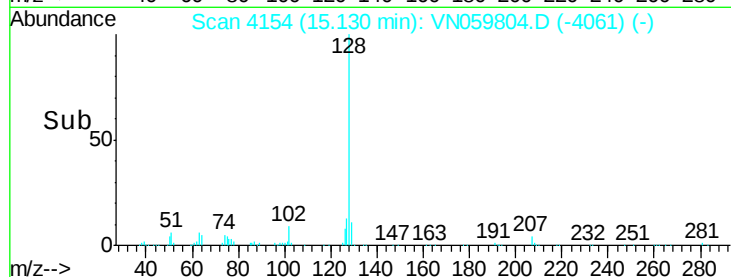
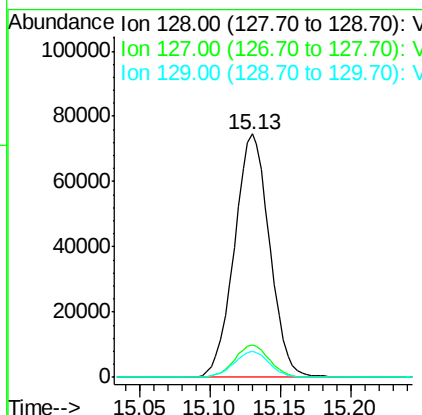
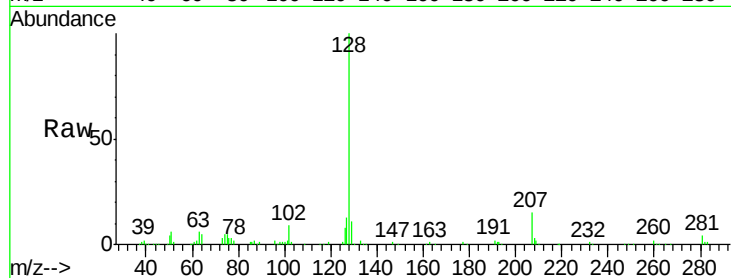
#95
Naphthalene
Concen: 17.901 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059804.D
Acq: 21 Jan 2020 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.6	8.6	12.8

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#96
1,2,3-Trichlorobenzene
Concen: 19.503 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN059804.D
Acq: 21 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.4	142.3
145	31.2	16.3	48.9

