

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012120\
 Data File : VN059811.D
 Acq On : 21 Jan 2020 15:56
 Operator : JC/MD
 Sample : VN0121MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121MBS01

Manual Integrations
 APPROVED

MMDadoda
 1/22/2020 11:14:59 AM

Quant Time: Jan 22 03:33:53 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	183900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	280429	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	253062	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	118927	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	86817	42.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.02%	
35) Dibromofluoromethane	7.56	113	75325	45.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.08%	
50) Toluene-d8	10.08	98	284876	43.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.94%	
62) 4-Bromofluorobenzene	12.40	95	99697	42.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	50706	23.105	ug/l	98
3) Chloromethane	2.04	50	45634	21.675	ug/l	99
4) Vinyl Chloride	2.17	62	57505	23.871	ug/l	96
5) Bromomethane	2.54	94	37301	25.373	ug/l	97
6) Chloroethane	2.68	64	27001	23.692	ug/l	98
7) Trichlorofluoromethane	3.00	101	69568	24.047	ug/l	98
8) Diethyl Ether	3.38	74	24609	24.239	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	3.74	101	40417	25.101	ug/l	90
10) Methyl Iodide	3.93	142	60019	23.061	ug/l	94
11) Tert butyl alcohol	4.72	59	36908	107.352	ug/l	99
12) 1,1-Dichloroethene	3.72	96	39141	23.264	ug/l	87
13) Acrolein	3.57	56	20068	82.459	ug/l	98
14) Allyl chloride	4.29	41	53088	23.410	ug/l #	88
15) Acrylonitrile	4.94	53	87713	111.844	ug/l	99
16) Acetone	3.78	43	77841	105.985	ug/l	95
17) Carbon Disulfide	4.03	76	105765	22.067	ug/l	99
18) Methyl Acetate	4.28	43	53737	22.527	ug/l #	78
19) Methyl tert-butyl Ether	5.00	73	129999	23.698	ug/l	96
20) Methylene Chloride	4.52	84	44697	23.505	ug/l	85
21) trans-1,2-Dichloroethene	5.01	96	42144	23.564	ug/l	87
22) Diisopropyl ether	5.91	45	118202	23.000	ug/l #	96
23) Vinyl Acetate	5.86	43	449435	112.951	ug/l #	94
24) 1,1-Dichloroethane	5.81	63	73610	23.441	ug/l	97
25) 2-Butanone	6.80	43	112515	97.288	ug/l #	87
26) 2,2-Dichloropropane	6.79	77	71679	23.743	ug/l	95
27) cis-1,2-Dichloroethene	6.80	96	50037	24.325	ug/l	86
28) Bromochloromethane	7.17	49	20784	16.560	ug/l #	72
29) Tetrahydrofuran	7.18	42	73728	103.035	ug/l #	85
30) Chloroform	7.34	83	78467	24.117	ug/l	99
31) Cyclohexane	7.63	56	66326	21.950	ug/l	87
32) 1,1,1-Trichloroethane	7.54	97	72052	23.951	ug/l	96
36) 1,1-Dichloropropene	7.77	75	58056	23.773	ug/l	95
37) Ethyl Acetate	6.89	43	48172	21.032	ug/l	96
38) Carbon Tetrachloride	7.75	117	64112	24.134	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	71868	23.867	ug/l	91
40) Benzene	8.02	78	171985	23.614	ug/l	99
41) Methacrylonitrile	7.14	41	23595m	20.914	ug/l	
42) 1,2-Dichloroethane	8.10	62	59692	24.173	ug/l	96
43) Isopropyl Acetate	8.14	43	85659	21.743	ug/l #	94
44) Trichloroethene	8.81	130	49645	24.969	ug/l	90
45) 1,2-Dichloropropane	9.10	63	43594	24.189	ug/l	98
46) Dibromomethane	9.19	93	30622	24.087	ug/l #	89
47) Bromodichloromethane	9.38	83	63189	24.665	ug/l	100
48) Methyl methacrylate	9.18	41	36644	20.794	ug/l #	89
49) 1,4-Dioxane	9.18	88	15650	485.125	ug/l #	87
51) 4-Methyl-2-Pentanone	9.97	43	241221	105.919	ug/l	95
52) Toluene	10.14	92	111999	24.346	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	68150	23.824	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	74334	24.697	ug/l	91
55) 1,1,2-Trichloroethane	10.55	97	43753	24.013	ug/l	98
56) Ethyl methacrylate	10.42	69	60605	21.769	ug/l	93
57) 1,3-Dichloropropane	10.70	76	70103	24.235	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	70406	83.960	ug/l	91
59) 2-Hexanone	10.74	43	172548	102.843	ug/l	93
60) Dibromochloromethane	10.89	129	51244	24.698	ug/l	100
61) 1,2-Dibromoethane	10.99	107	45694	23.927	ug/l	100
64) Tetrachloroethene	10.62	164	49116	23.814	ug/l	97
65) Chlorobenzene	11.43	112	120867	24.300	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	48949	25.468	ug/l	97
67) Ethyl Benzene	11.50	91	217048	24.038	ug/l	96
68) m/p-Xylenes	11.61	106	164472	48.221	ug/l	94
69) o-Xylene	11.94	106	79905	23.929	ug/l	94
70) Styrene	11.96	104	130959	23.437	ug/l	96
71) Bromoform	12.12	173	37207	24.168	ug/l #	96
73) Isopropylbenzene	12.24	105	216569	24.830	ug/l	100
74) N-amyl acetate	12.06	43	72356	21.379	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	58560	23.160	ug/l	95
76) 1,2,3-Trichloropropane	12.55	75	52770m	26.366	ug/l	
77) Bromobenzene	12.52	156	56012	25.359	ug/l	78
78) n-propylbenzene	12.59	91	238621	24.375	ug/l	97
79) 2-Chlorotoluene	12.67	91	141711	24.333	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	179380	24.455	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	21391	22.952	ug/l	93
82) 4-Chlorotoluene	12.77	91	144949	24.814	ug/l	96
83) tert-Butylbenzene	12.99	119	155735	24.548	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	178040	24.534	ug/l	98
85) sec-Butylbenzene	13.17	105	204639	24.551	ug/l	99
86) p-Isopropyltoluene	13.28	119	187549	24.318	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	95078	24.781	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	94931	24.802	ug/l	98
89) n-Butylbenzene	13.61	91	160087	24.344	ug/l	98
90) Hexachloroethane	13.87	117	34869	24.164	ug/l	86
91) 1,2-Dichlorobenzene	13.65	146	92358	24.349	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	12368	21.603	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	55184	24.212	ug/l	99
94) Hexachlorobutadiene	15.01	225	30891	24.595	ug/l	99
95) Naphthalene	15.13	128	138853	21.419	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	51949	23.417	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

Instrument :

MSVOA_N

ClientSampleId :

VN0121MBS01

Tot Ion:168 Resp: 183900

Ion Ratio Lower Upper

168 100

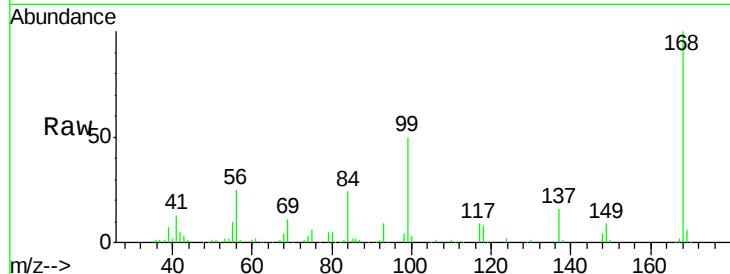
99 50.3 48.2 72.4

Manual Integrations

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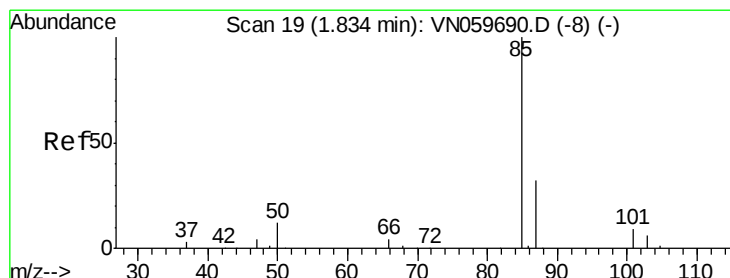
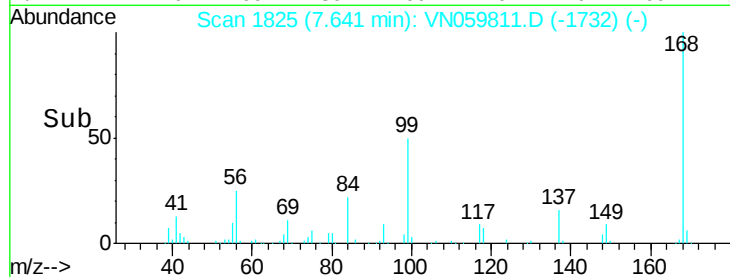
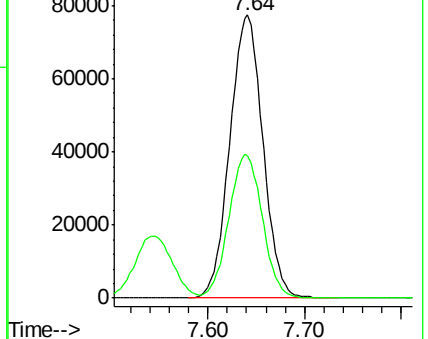
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 23.105 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059811.D

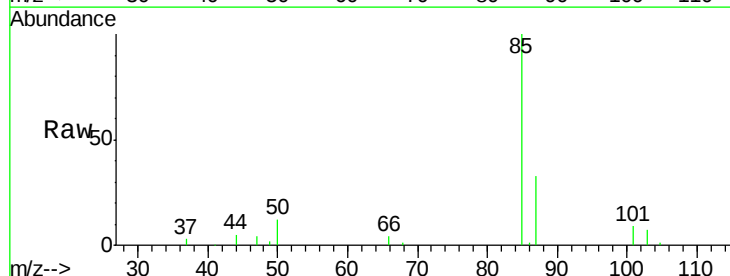
Acq: 21 Jan 2020 15:56

Tgt Ion: 85 Resp: 50706

Ion Ratio Lower Upper

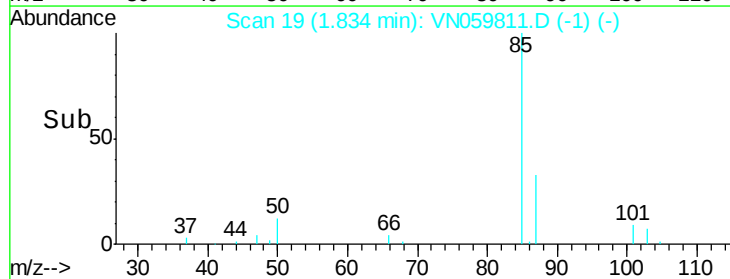
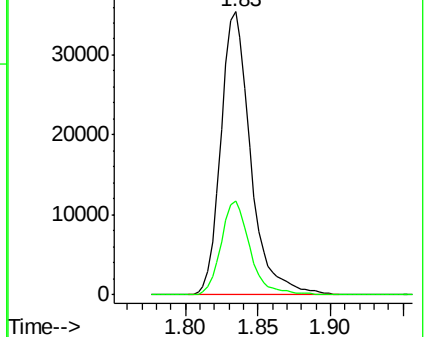
85 100

87 33.0 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 21.675 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

Instrument :

MSVOA_N

ClientSampleId :

VN0121MBS01

Tot Ion: 50 Resp: 45634

Ion Ratio Lower Upper

50 100

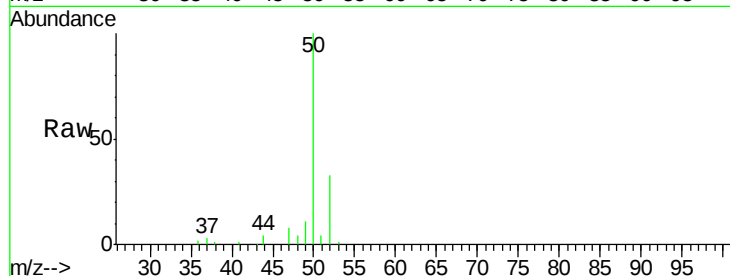
52 32.9 25.9 38.9

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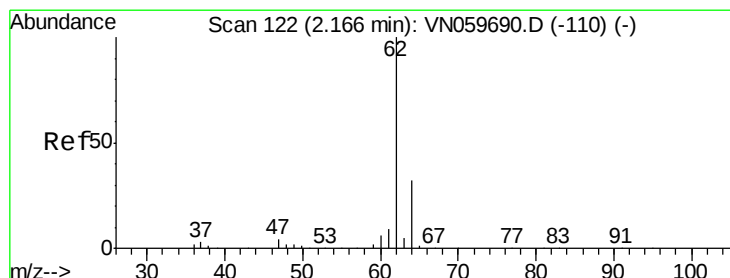
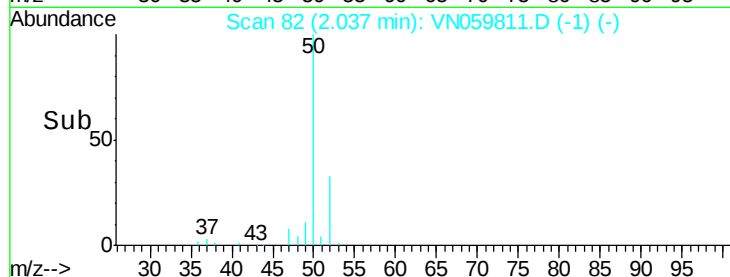
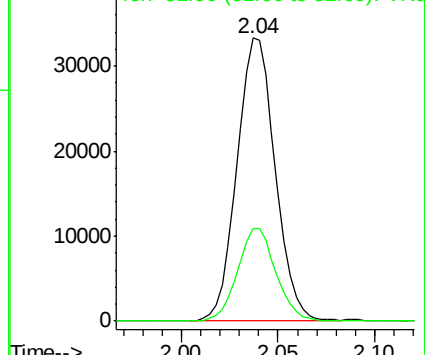
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 23.871 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059811.D

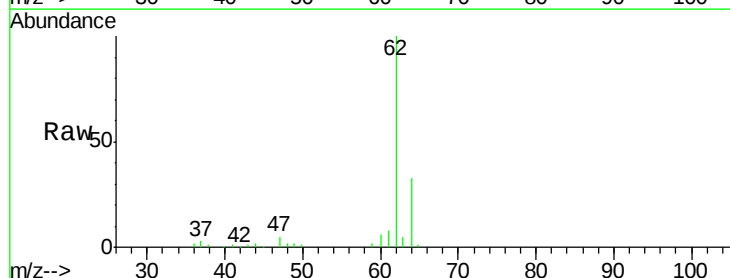
Acq: 21 Jan 2020 15:56

Tgt Ion: 62 Resp: 57505

Ion Ratio Lower Upper

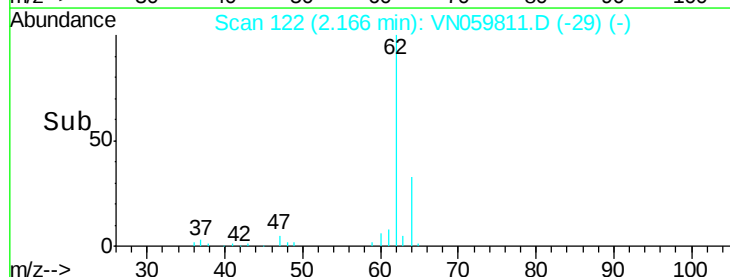
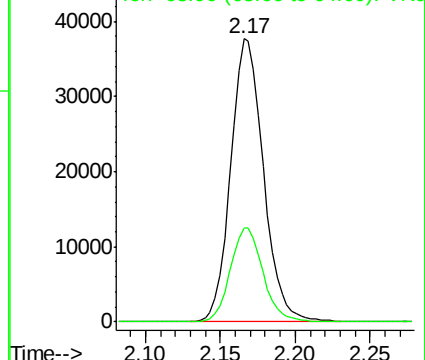
62 100

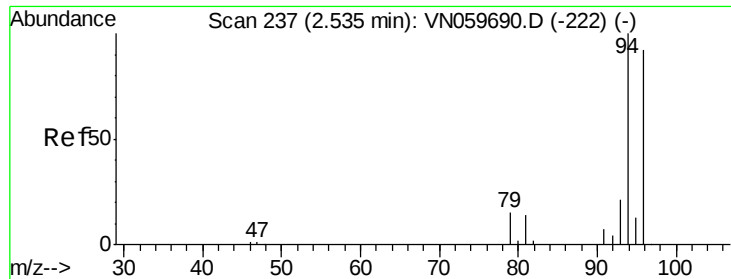
64 33.1 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





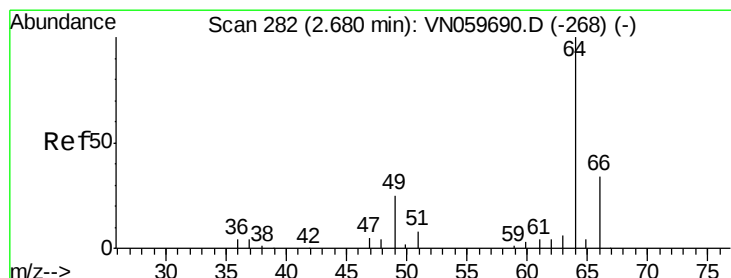
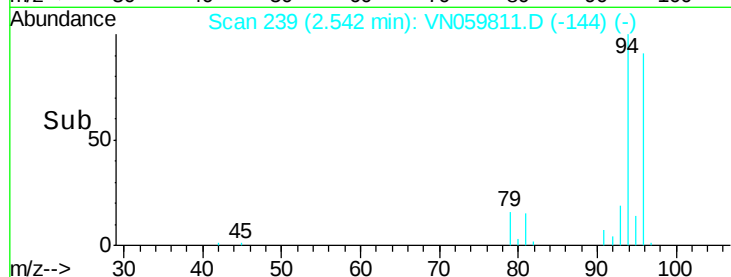
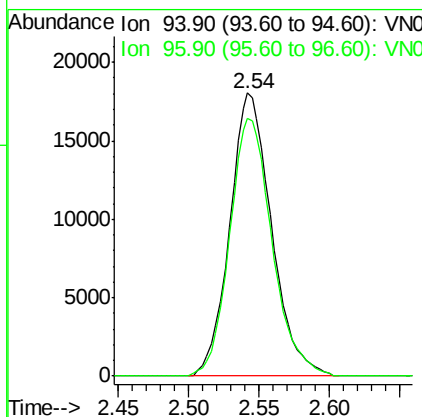
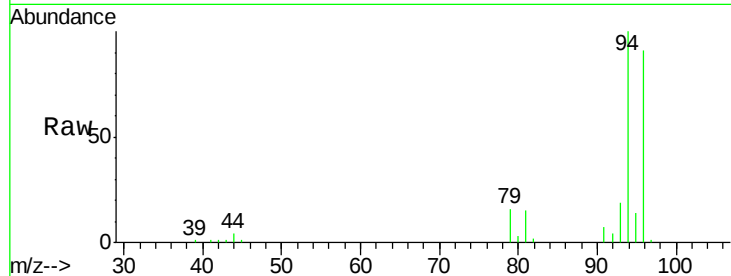
#5
Bromomethane
Concen: 25.373 ug/l
RT: 2.54 min Scan# 239
Delta R.T. 0.01 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Instrument :
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Tot Ion: 94 Resp: 37301
Ion Ratio Lower Upper
94 100
96 90.9 74.7 112.1

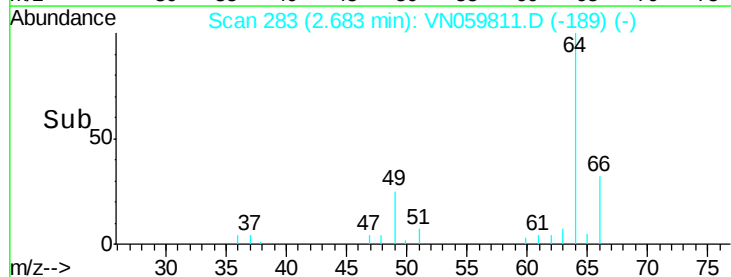
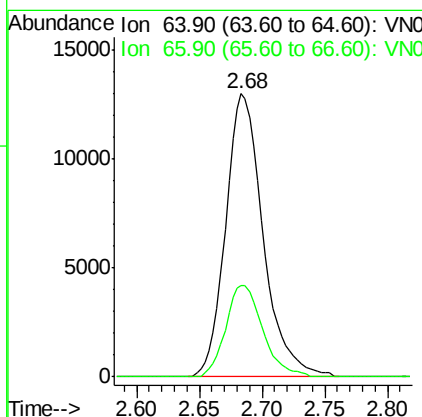
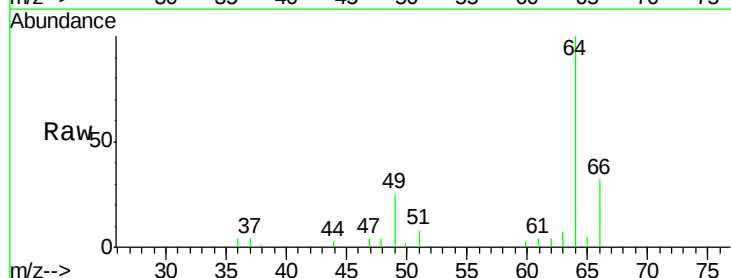
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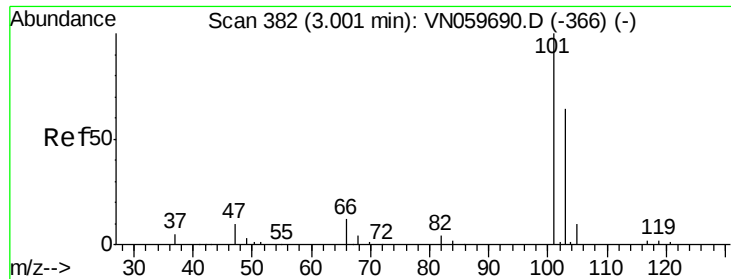
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#6
Chloroethane
Concen: 23.692 ug/l
RT: 2.68 min Scan# 283
Delta R.T. 0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Tgt Ion: 64 Resp: 27001
Ion Ratio Lower Upper
64 100
66 32.5 25.1 37.7





#7

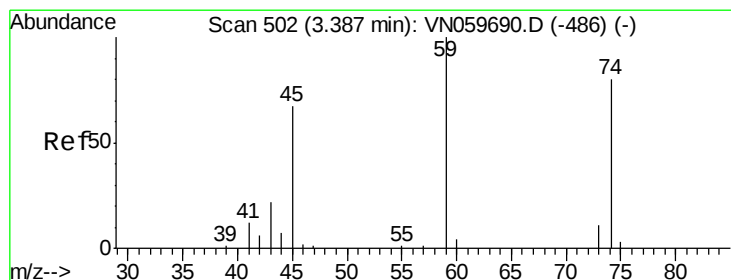
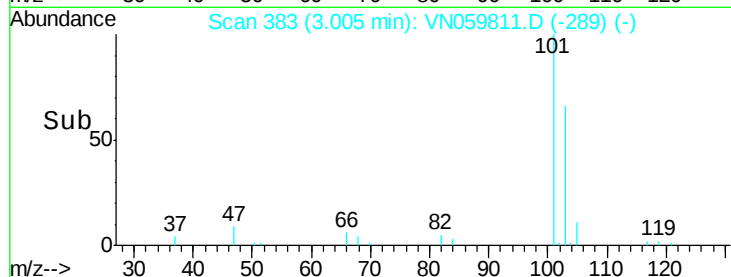
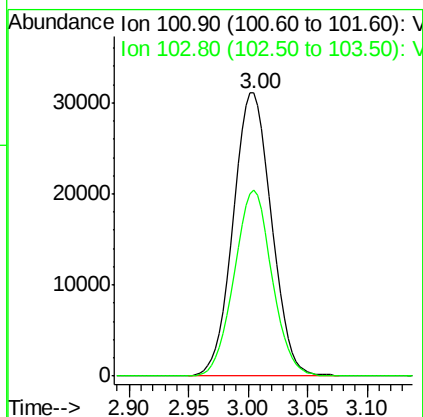
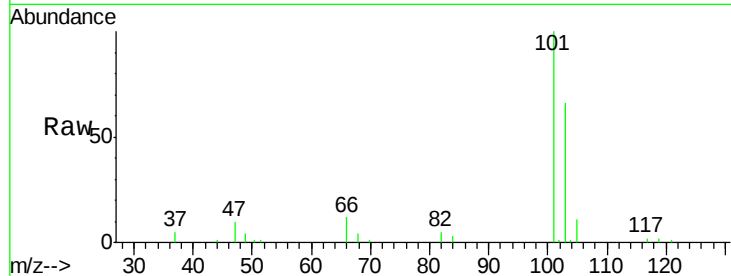
Trichlorofluoromethane
 Concen: 24.047 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN059811.D
 Acq: 21 Jan 2020 15:56

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 ClientSampleId :
 VN0121MBS01

Tot Ion:101 Resp: 69568
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.0 76.6

Manual Integrations
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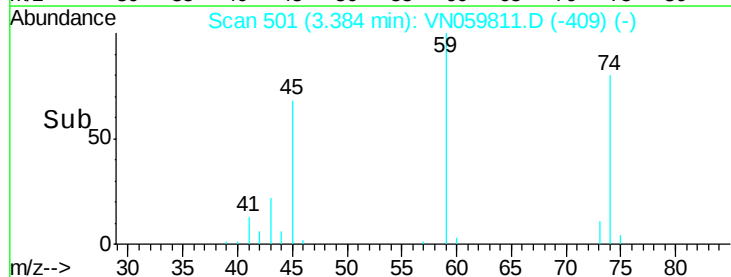
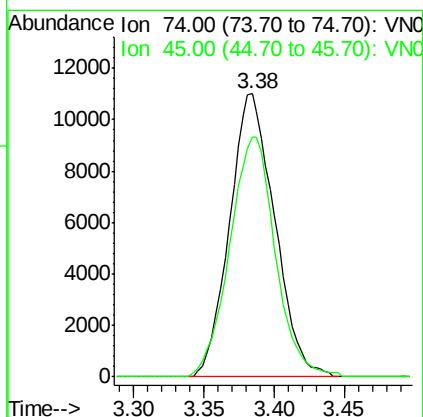
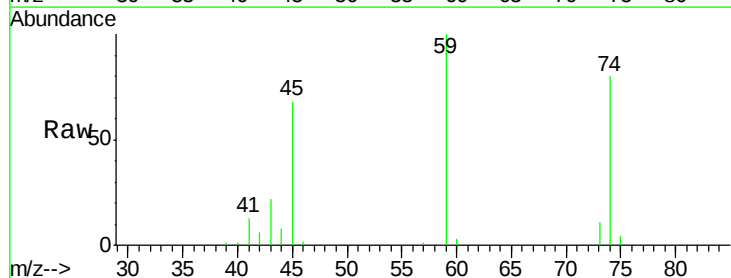
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#8

Diethyl Ether
 Concen: 24.239 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN059811.D
 Acq: 21 Jan 2020 15:56

Tgt Ion: 74 Resp: 24609
 Ion Ratio Lower Upper
 74 100
 45 85.7 51.9 155.8





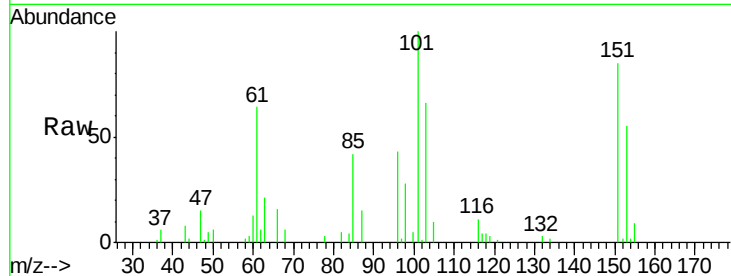
#9
1,1,2-Trichlorotrifluoroethane
Concen: 25.101 ug/l
RT: 3.74 min Scan# 611
Delta R.T. -0.00 min
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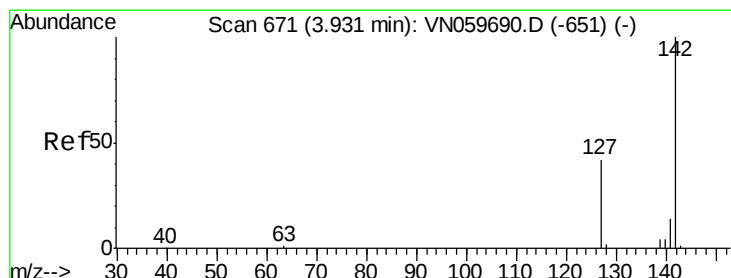
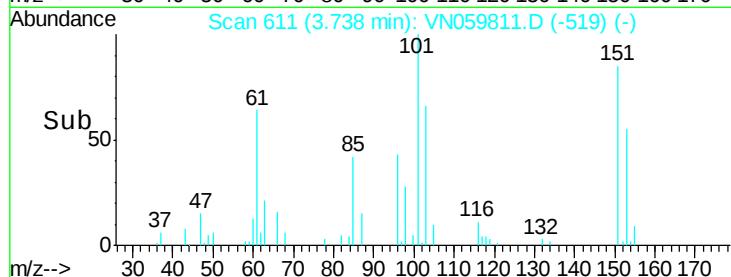
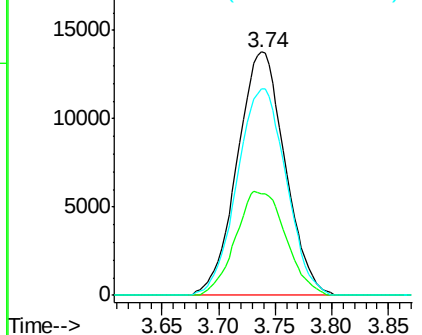
Tot Ion	Ratio	Lower	Upper
101	100		
85	44.9	36.6	54.8
151	87.1	59.7	89.5

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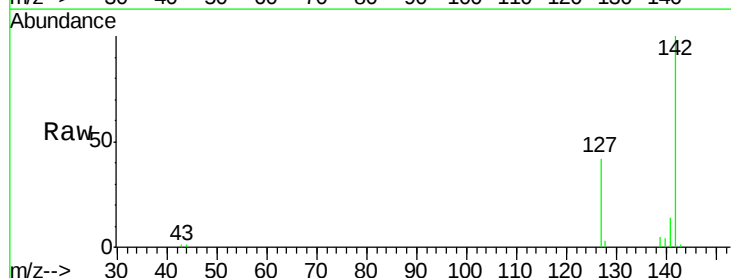


Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V

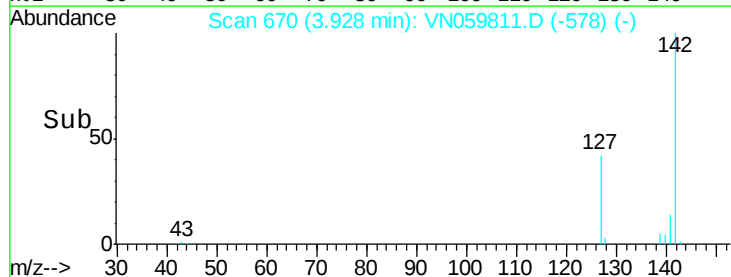
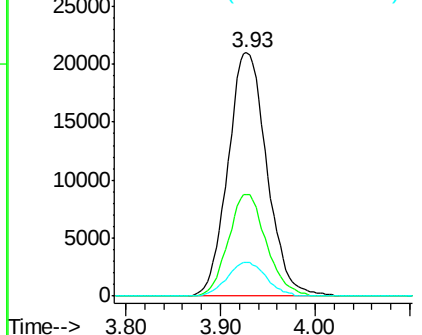


#10
Methyl Iodide
Concen: 23.061 ug/l
RT: 3.93 min Scan# 670
Delta R.T. -0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Tgt Ion	Ratio	Lower	Upper
142	100		
127	40.9	36.7	55.1
141	13.9	11.7	17.5



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





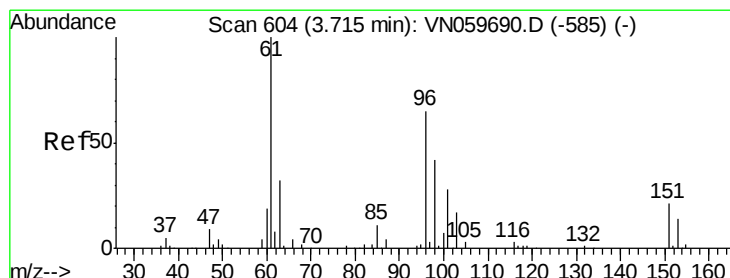
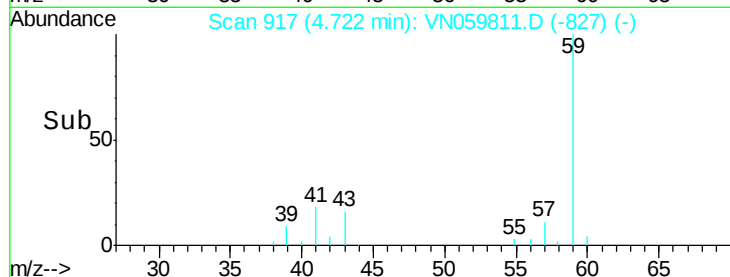
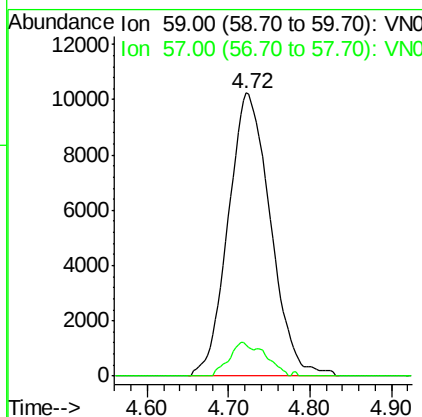
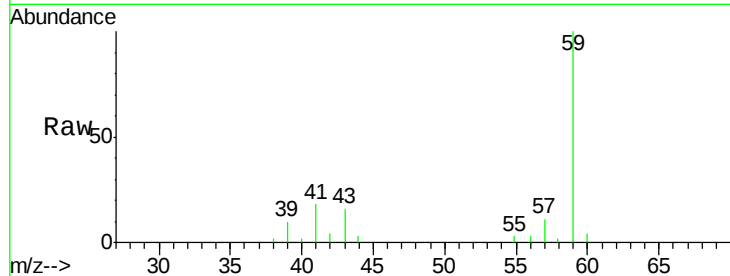
#11
Tert butyl alcohol
Concen: 107.352 ug/l
RT: 4.72 min Scan# 917
Delta R.T. -0.01 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Instrument :
MSVOA_N
ClientSampleId :
VN0121MBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.6	12.8

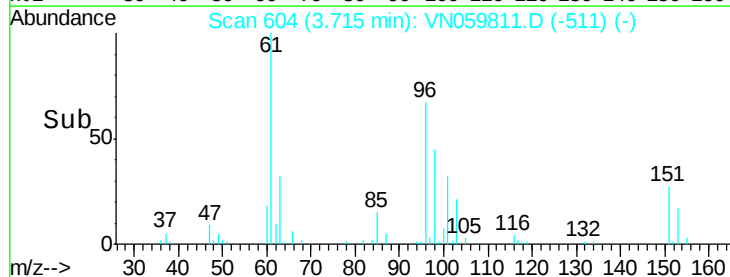
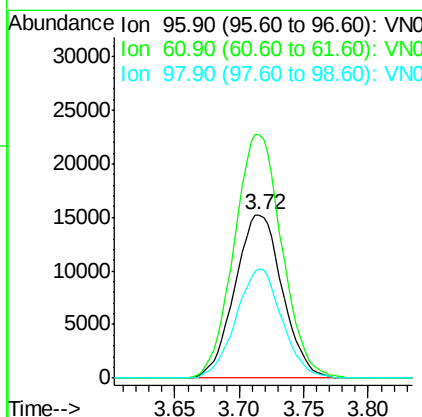
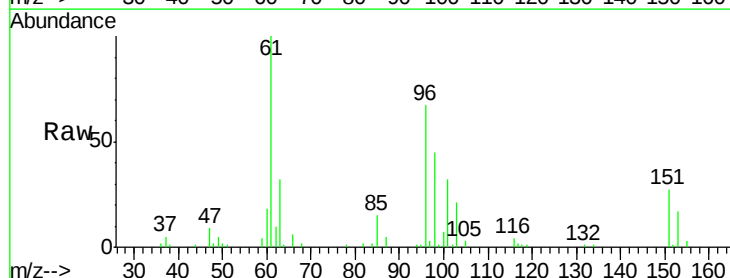
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#12
1,1-Dichloroethene
Concen: 23.264 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.0	137.5	206.3
98	66.5	50.2	75.4





#13

Acrolein

Concen: 82.459 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

Instrument :

MSVOA_N

ClientSampleId :

VN0121MBS01

Tot Ion: 56 Resp: 20068

Ion Ratio Lower Upper

56 100

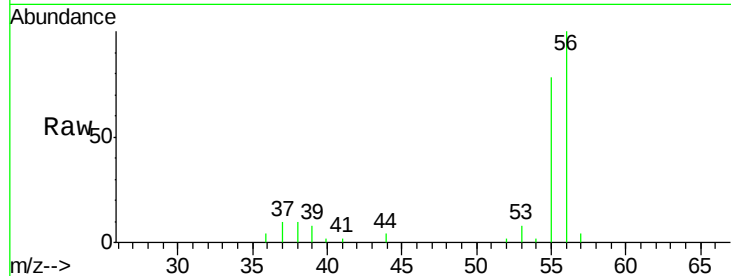
55 72.0 58.6 88.0

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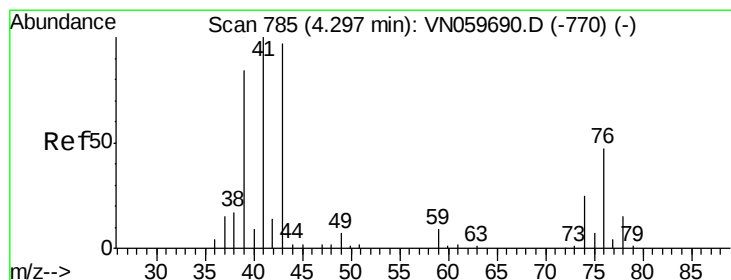
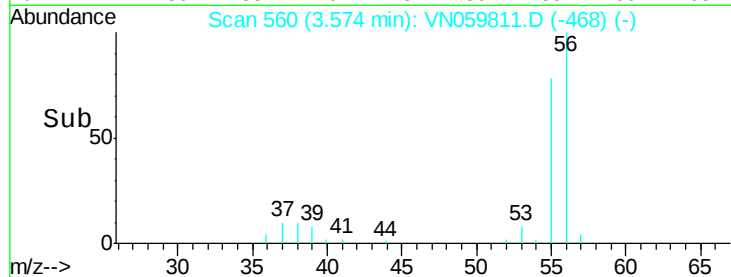
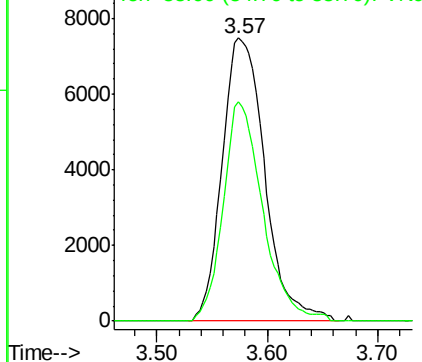
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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 23.410 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.01 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

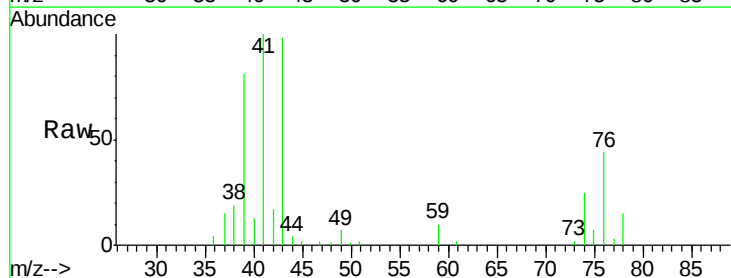
Tgt Ion: 41 Resp: 53088

Ion Ratio Lower Upper

41 100

39 80.2 57.8 86.8

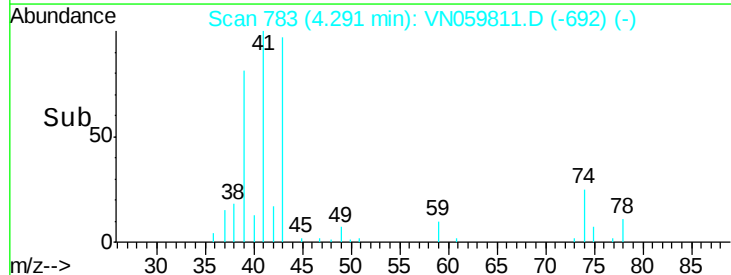
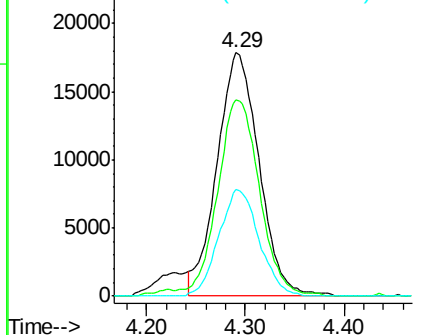
76 41.9 25.4 38.0#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 111.844 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.00 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

Instrument :

MSVOA_N

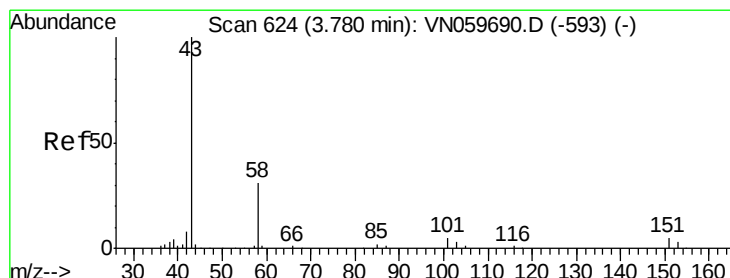
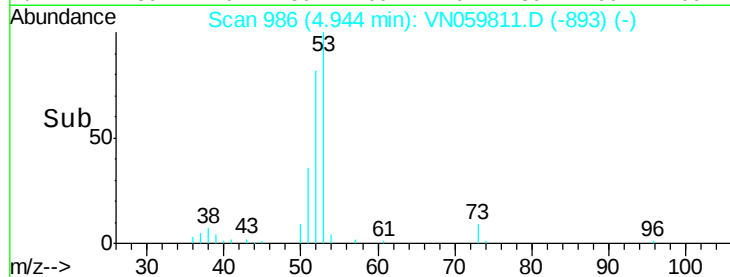
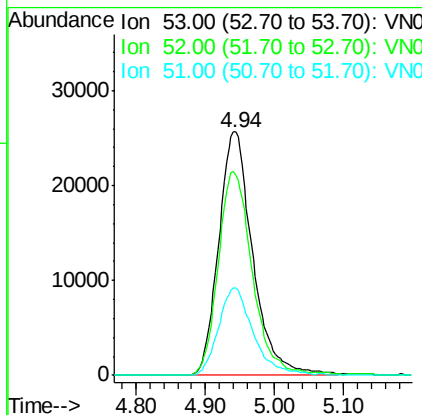
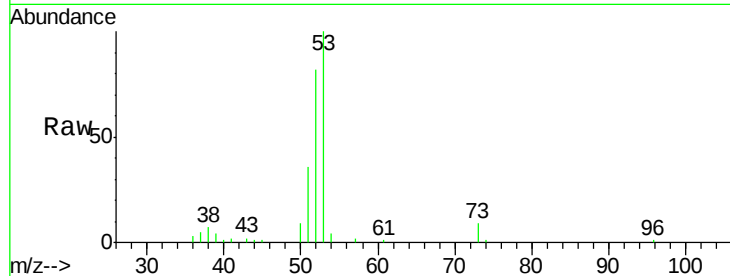
ClientSampleId :

VN0121MBS01

Tot Ion:	53	Resp:	87713
Ion Ratio	Lower	Upper	
53	100		
52	83.2	66.3	99.5
51	36.6	29.7	44.5

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#16

Acetone

Concen: 105.985 ug/l

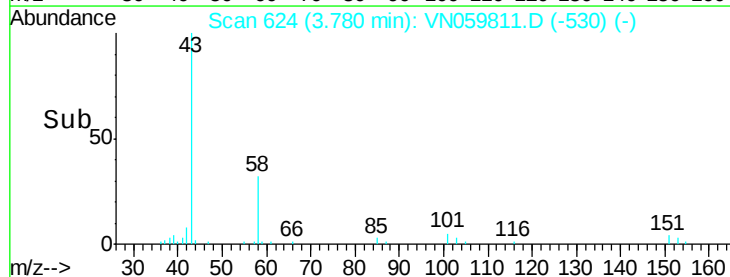
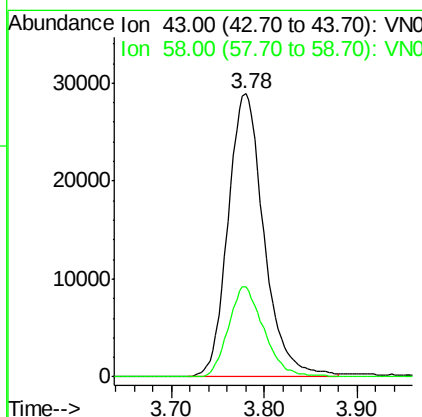
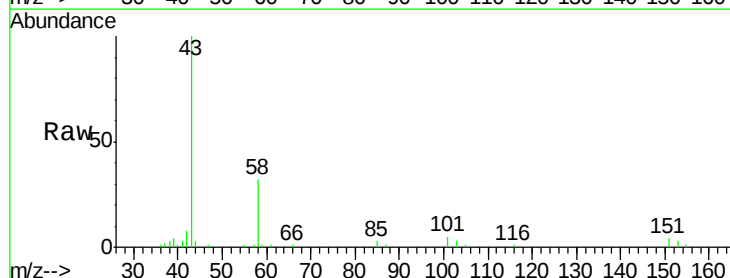
RT: 3.78 min Scan# 624

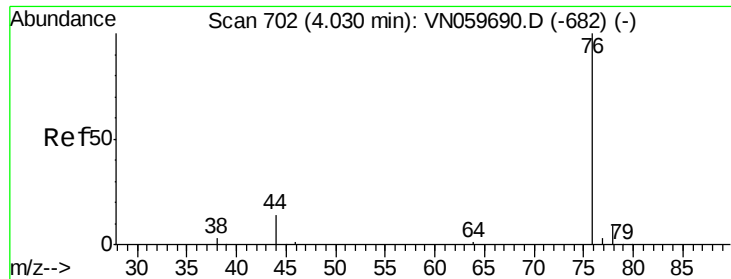
Delta R.T. 0.00 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

Tgt Ion:	43	Resp:	77841
Ion Ratio	Lower	Upper	
43	100		
58	32.0	23.6	35.4





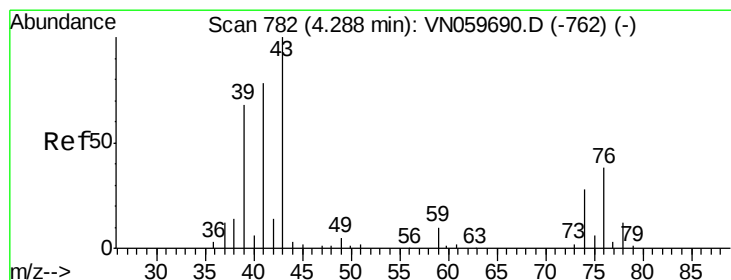
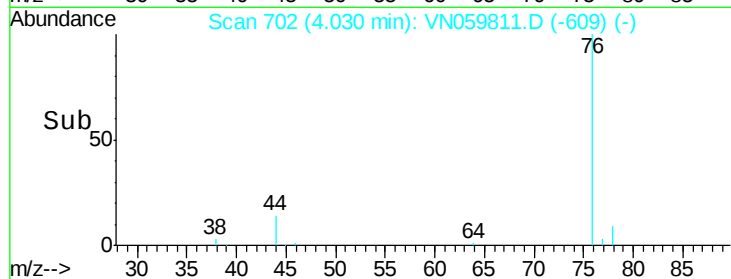
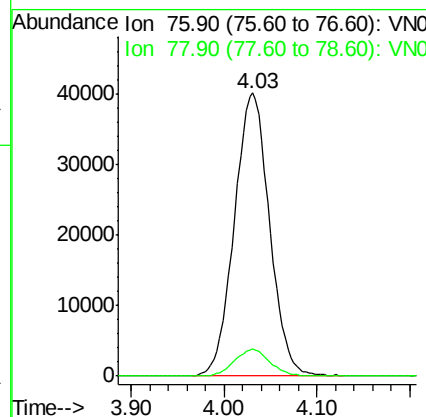
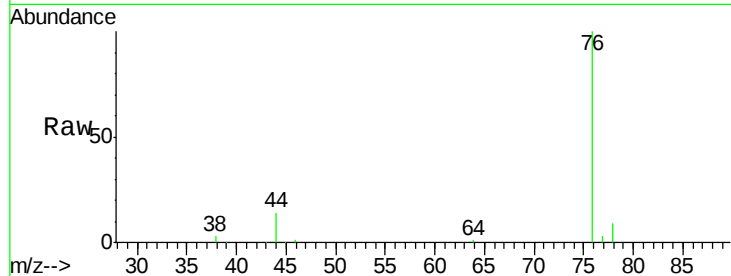
#17
Carbon Disulfide
Concen: 22.067 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Instrument :
MSVOA_N
ClientSampleId :
VN0121MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.4	11.0

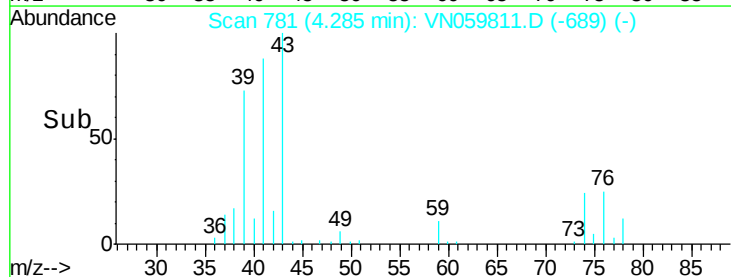
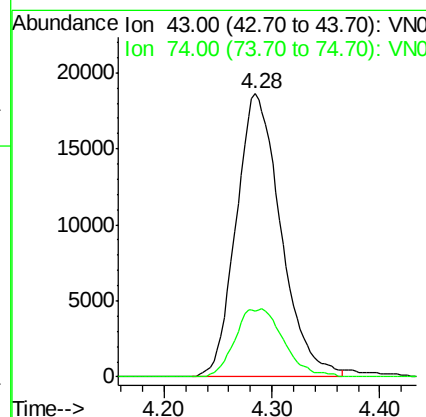
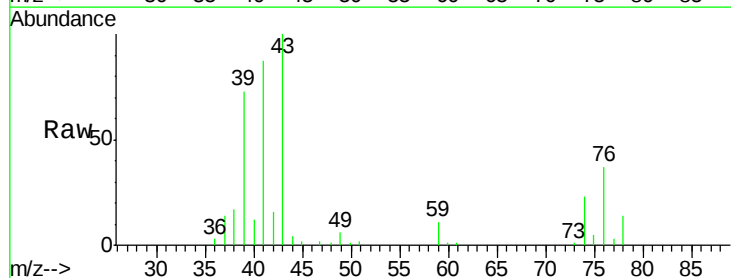
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#18
Methyl Acetate
Concen: 22.527 ug/l
RT: 4.28 min Scan# 781
Delta R.T. -0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Tgt Ion	Ratio	Lower	Upper
43	100		
74	11.6	17.5	26.3#





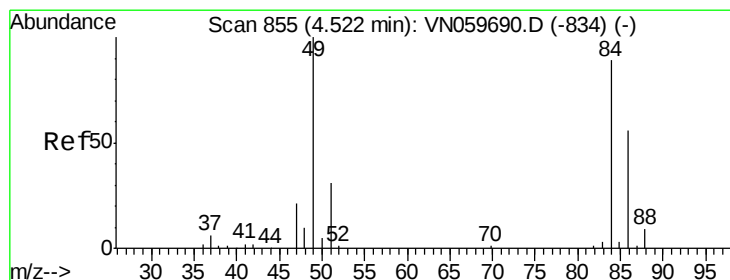
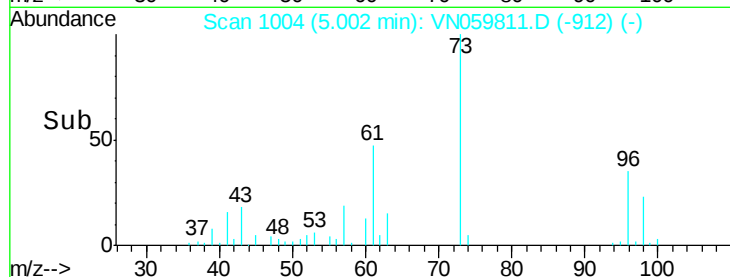
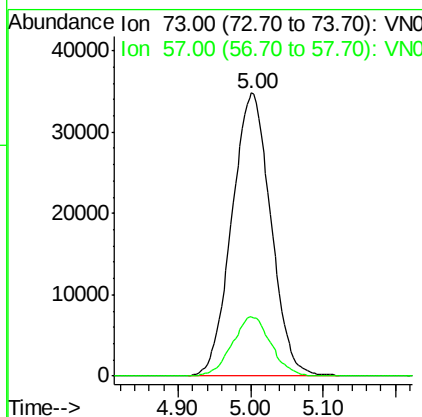
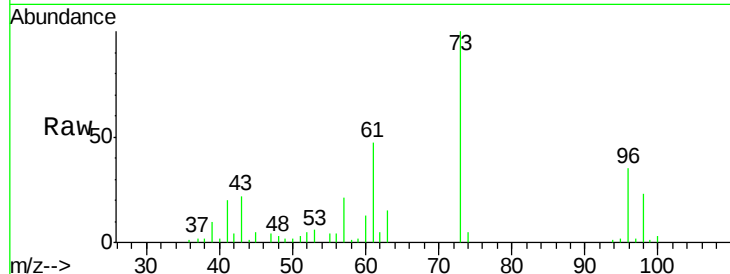
#19
Methvl tert-butvl Ether
Concen: 23.698 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Instrument :
MSVOA_N
ClientSampleId :
VN0121MBS01

Tot Ion: 73 Resp: 129999
Ion Ratio Lower Upper
73 100
57 21.1 18.6 27.8

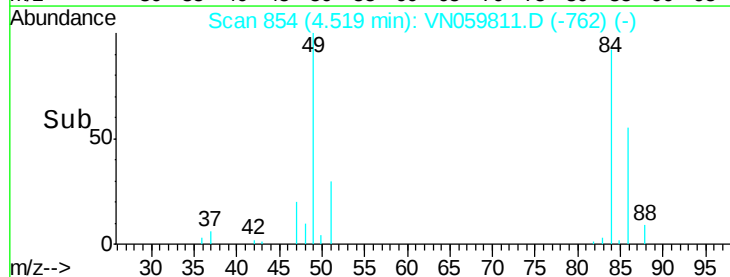
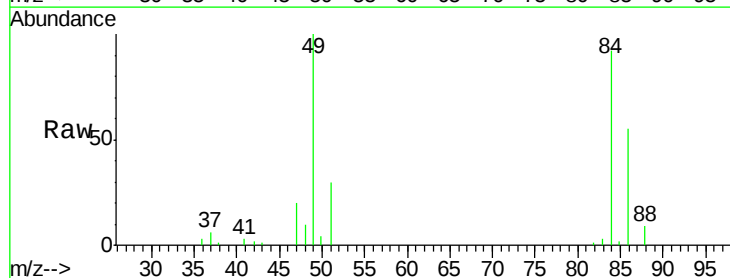
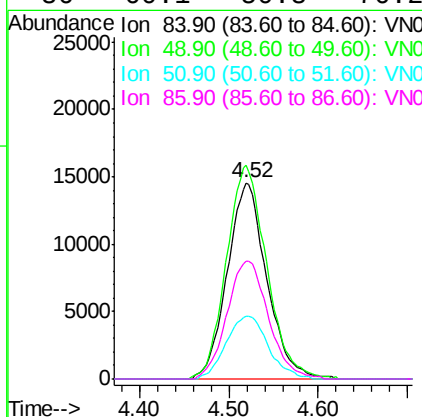
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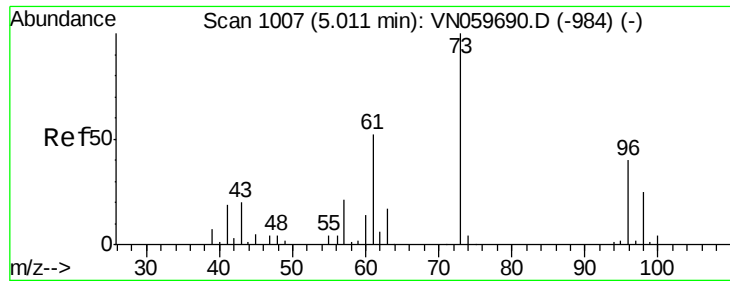
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#20
Methylene Chloride
Concen: 23.505 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Tgt Ion: 84 Resp: 44697
Ion Ratio Lower Upper
84 100
49 109.0 106.6 160.0
51 32.2 31.9 47.9
86 60.1 50.8 76.2





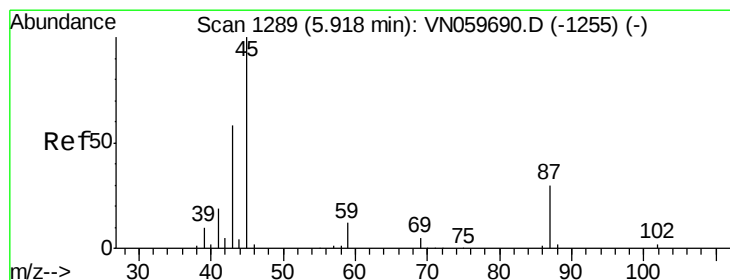
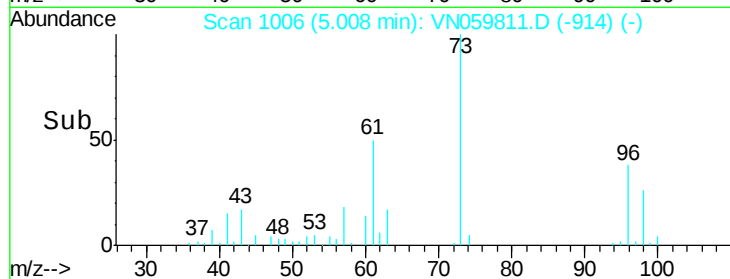
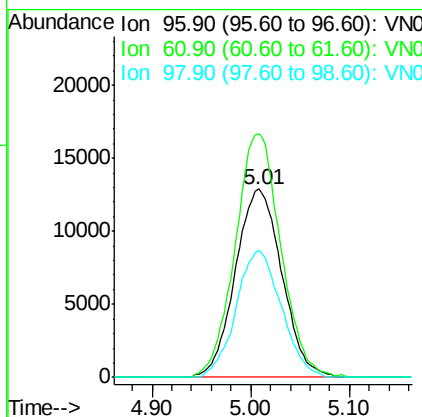
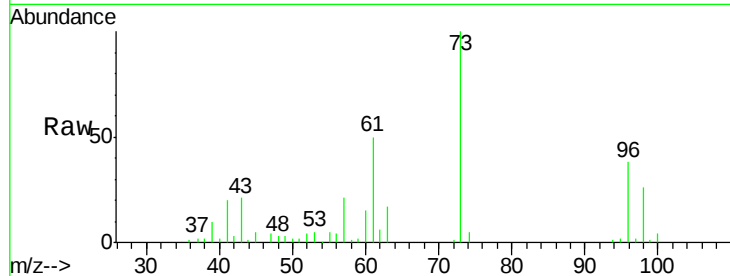
#21
trans-1,2-Dichloroethene
Concen: 23.564 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Instrument :
MSVOA_N
ClientSampled :
VN0121MBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.4	120.4	180.6
98	67.3	50.6	75.8

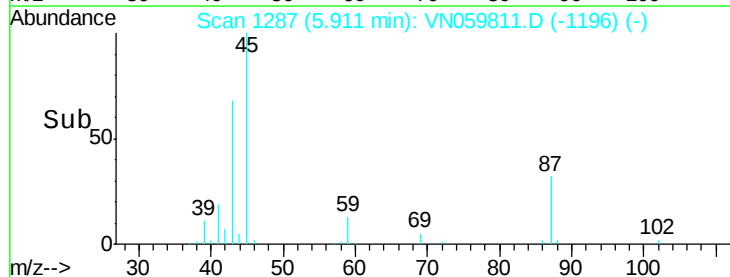
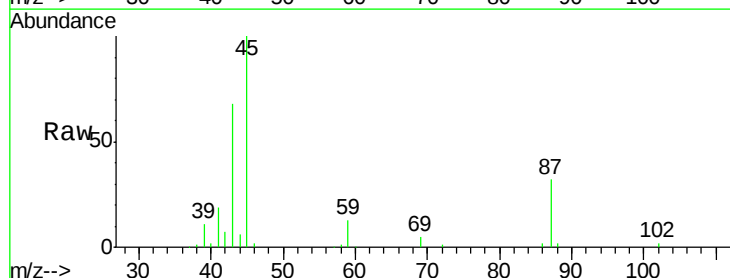
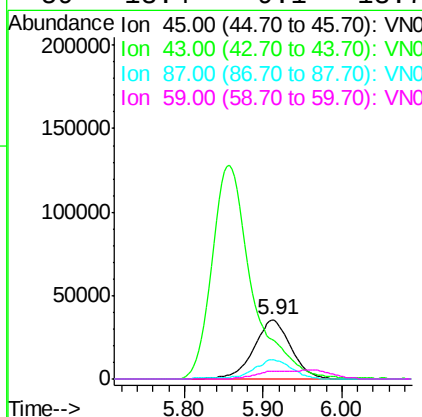
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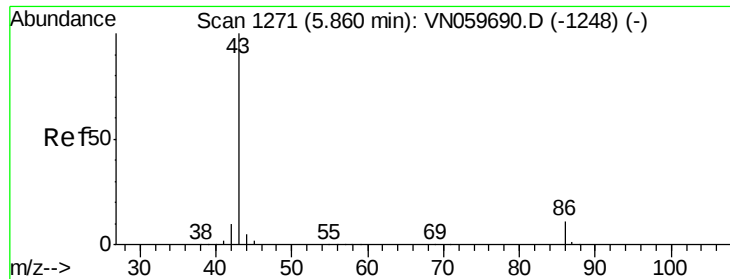
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#22
Diisopropyl ether
Concen: 23.000 ug/l
RT: 5.91 min Scan# 1287
Delta R.T. -0.01 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Tgt Ion	Ratio	Lower	Upper
45	100		
43	64.6	50.8	76.2
87	32.0	21.0	31.6
59	13.4	9.1	13.7





#23

Vinyl Acetate

Concen: 112.951 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

Instrument :

MSVOA_N

ClientSampled :

VN0121MBS01

Tot Ion: 43 Resp: 449435

Ion Ratio Lower Upper

43 100

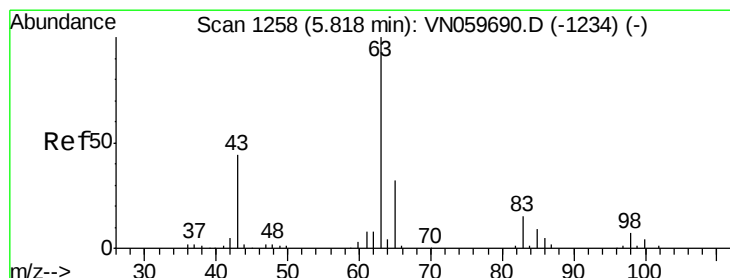
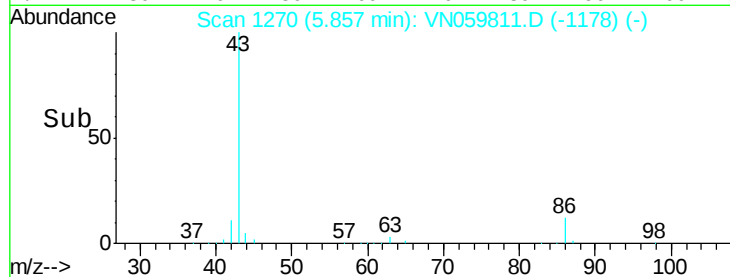
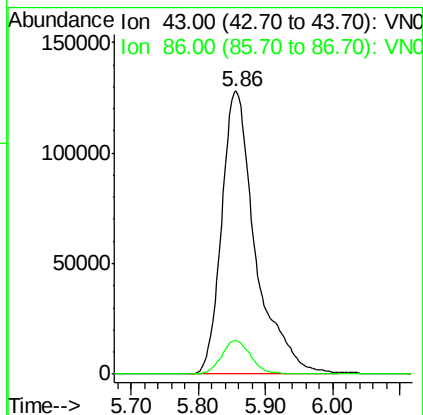
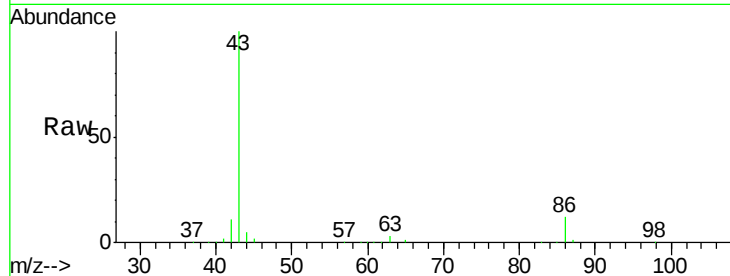
86 11.8 7.6 11.4#

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#24

1,1-Dichloroethane

Concen: 23.441 ug/l

RT: 5.81 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

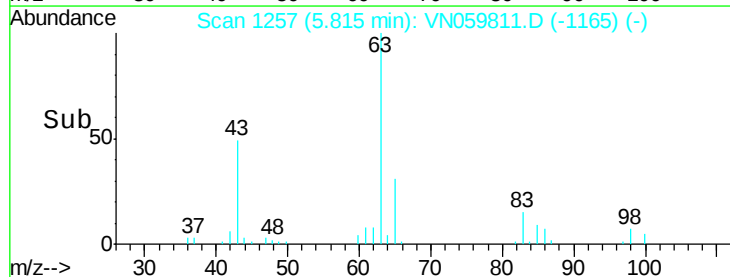
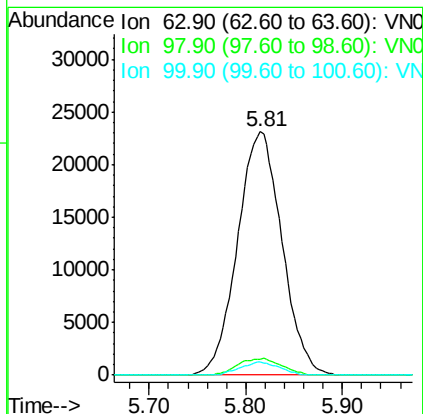
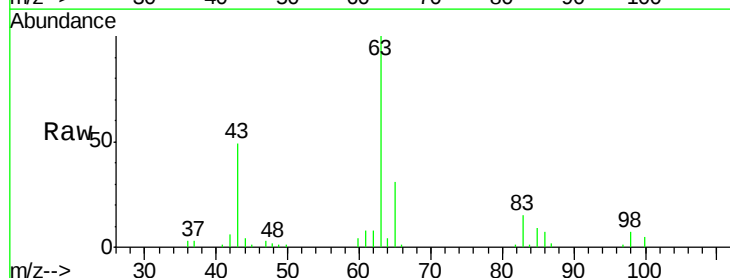
Tgt Ion: 63 Resp: 73610

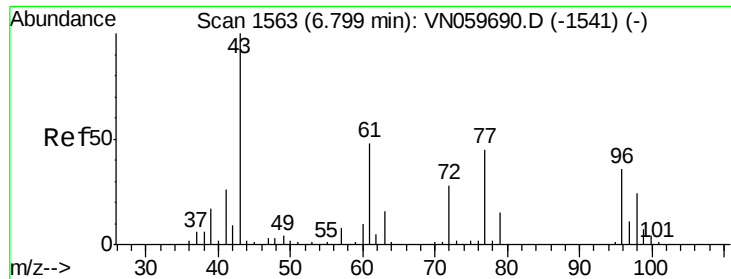
Ion Ratio Lower Upper

63 100

98 6.7 2.9 8.7

100 5.2 2.0 6.0





#25

2-Butanone

Concen: 97.288 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

Instrument :

MSVOA_N

ClientSampleId :

VN0121MBS01

Tot Ion: 43 Resp: 112515

Ion Ratio Lower Upper

43 100

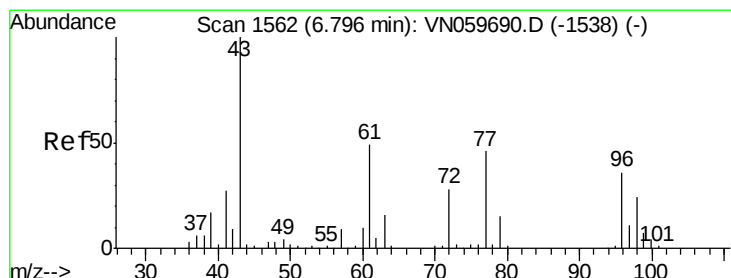
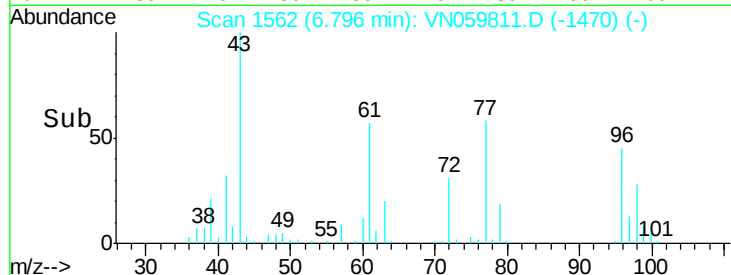
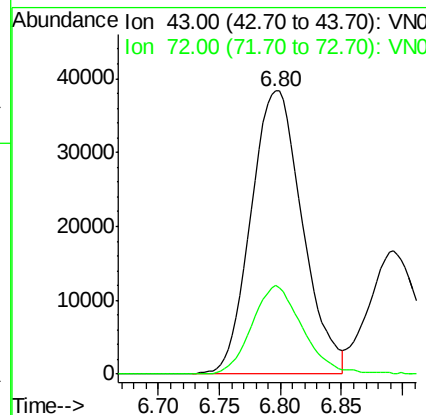
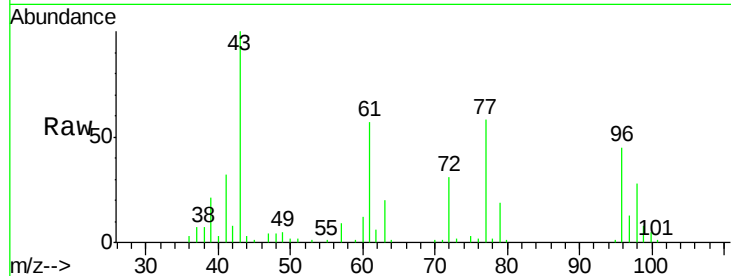
72 31.3 19.9 29.9#

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#26

2,2-Dichloropropane

Concen: 23.743 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN059811.D

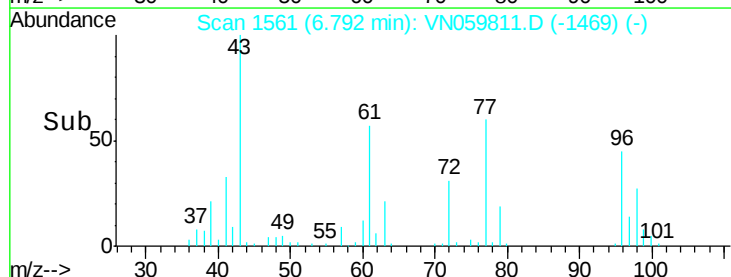
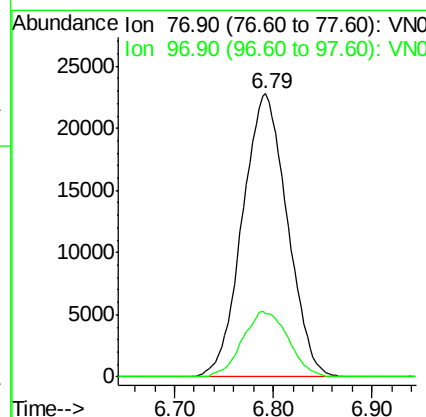
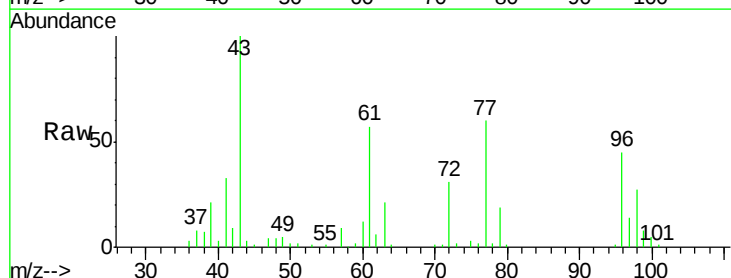
Acq: 21 Jan 2020 15:56

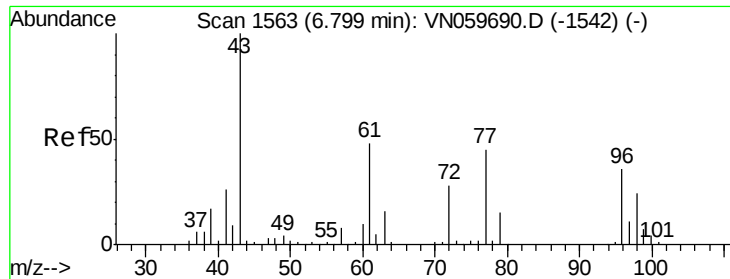
Tgt Ion: 77 Resp: 71679

Ion Ratio Lower Upper

77 100

97 23.6 10.7 31.9





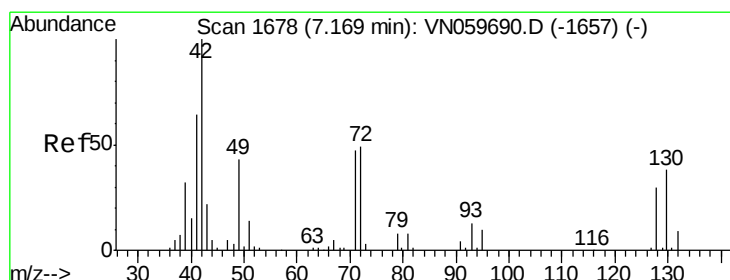
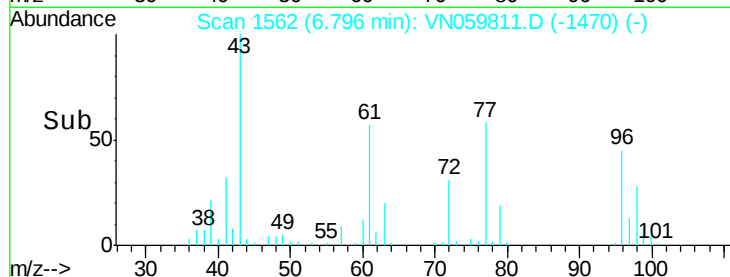
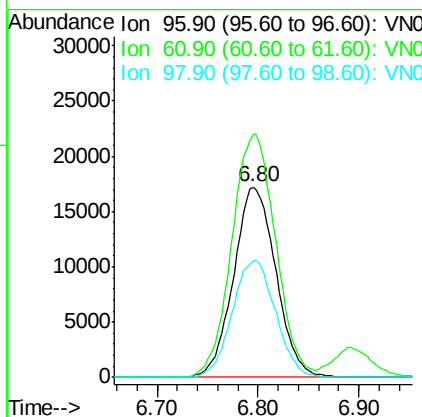
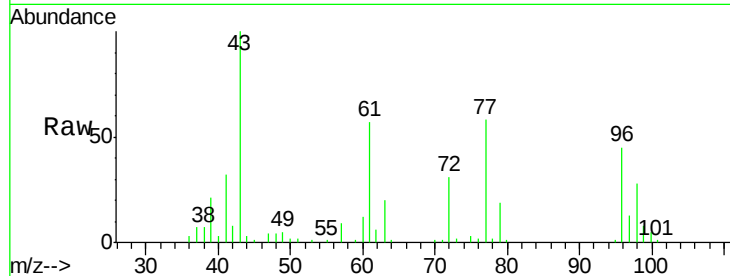
#27
 cis-1,2-Dichloroethene
 Concen: 24.325 ug/l
 RT: 6.80 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: VN059811.D
 Acq: 21 Jan 2020 15:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121MBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.7	0.0	317.6
98	62.8	0.0	127.0

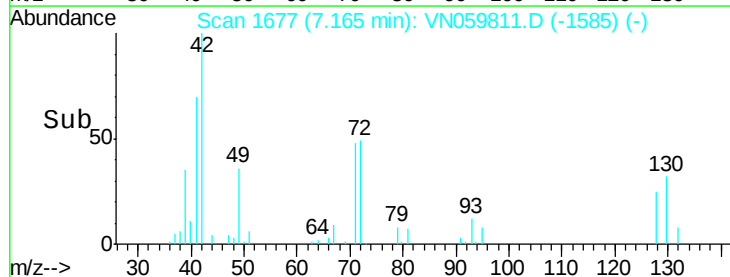
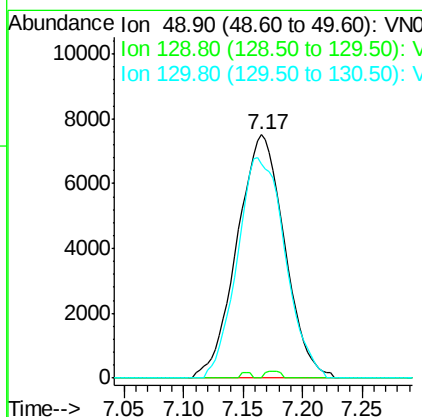
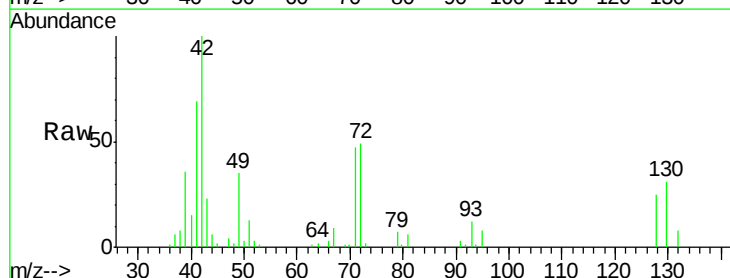
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#28
 Bromochloromethane
 Concen: 16.560 ug/l
 RT: 7.17 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: VN059811.D
 Acq: 21 Jan 2020 15:56

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	3.4
130	91.2	54.7	82.1#





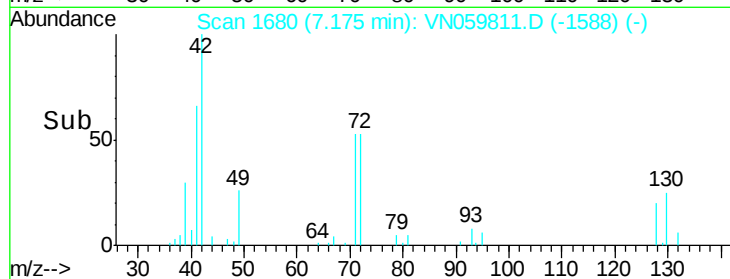
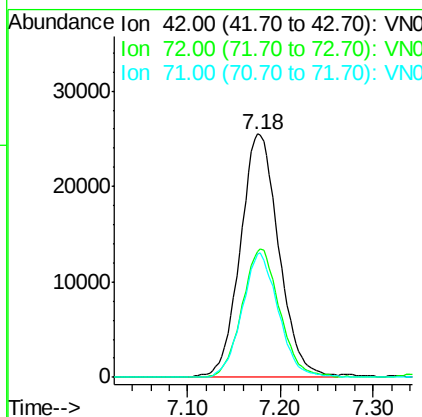
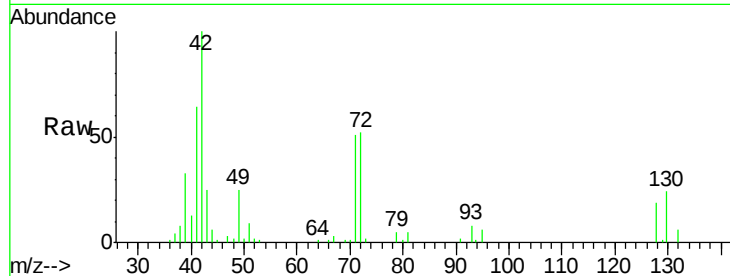
#29
Tetrahydrofuran
Concen: 103.035 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Instrument :
MSVOA_N
ClientSampleId :
VN0121MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.2	33.1	49.7#
71	47.7	31.4	47.0#

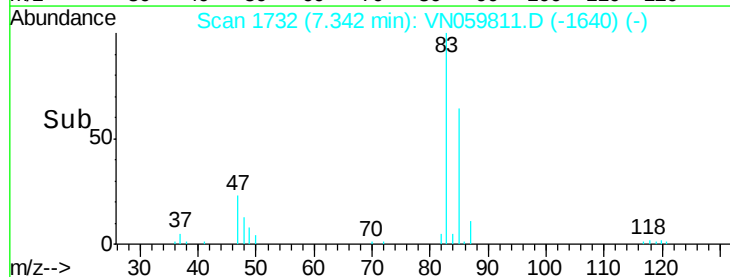
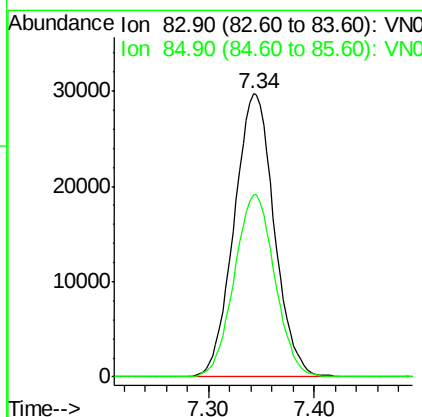
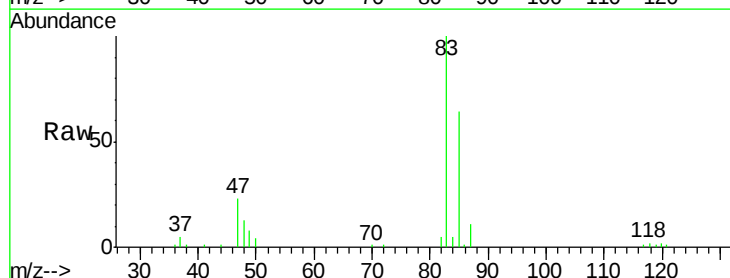
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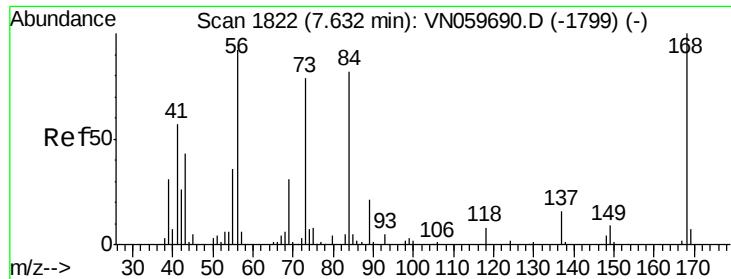
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#30
Chloroform
Concen: 24.117 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.4	78.6





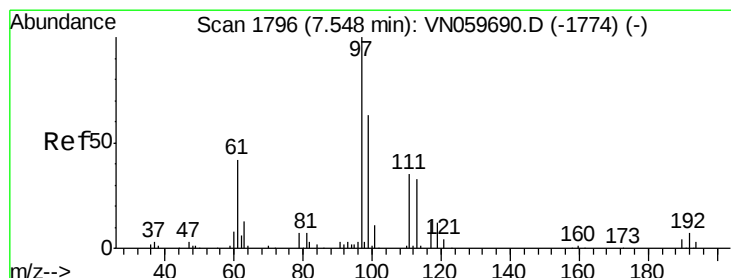
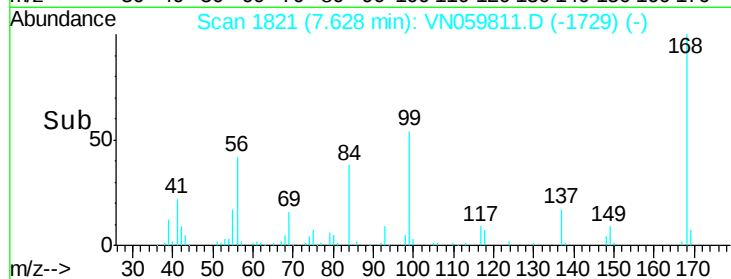
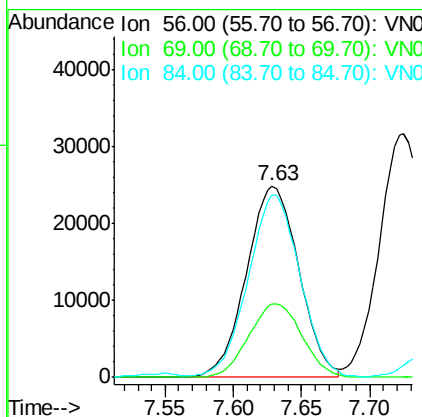
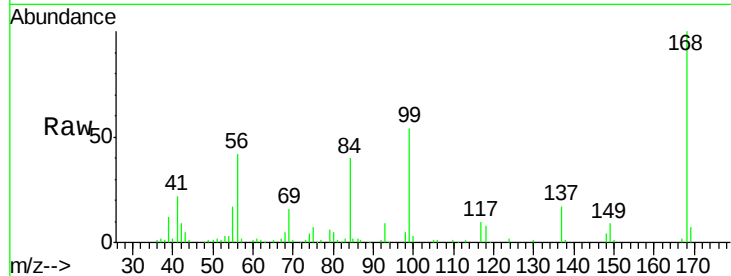
#31
Cyclohexane
Concen: 21.950 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Instrument :
MSVOA_N
ClientSampleId :
VN0121MBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.1	26.5	39.7
84	94.3	65.3	97.9

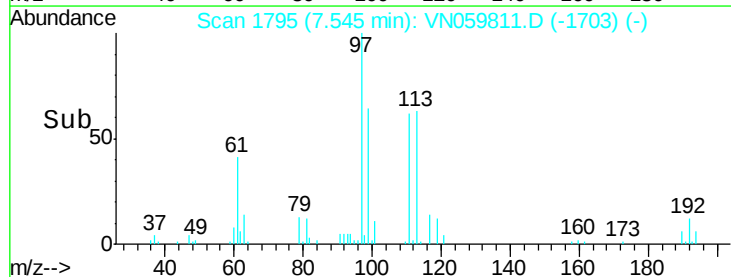
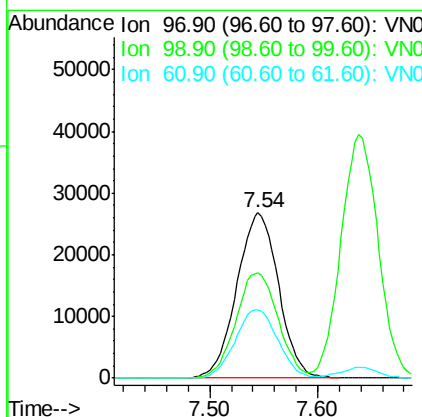
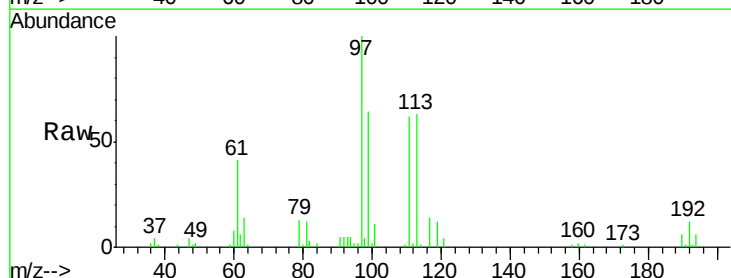
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#32
1,1,1-Trichloroethane
Concen: 23.951 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.0	76.4
61	42.3	38.5	57.7





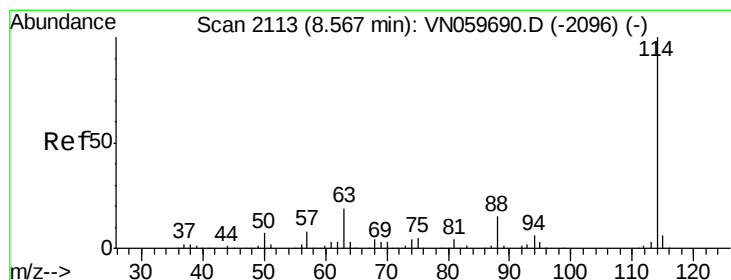
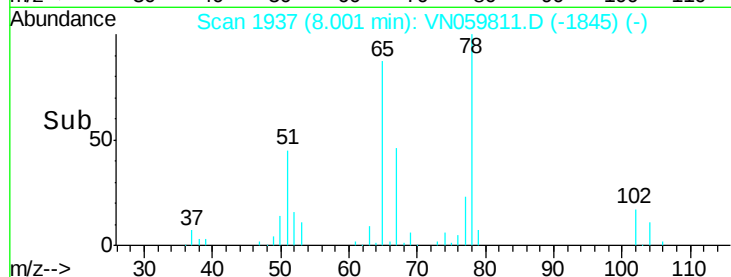
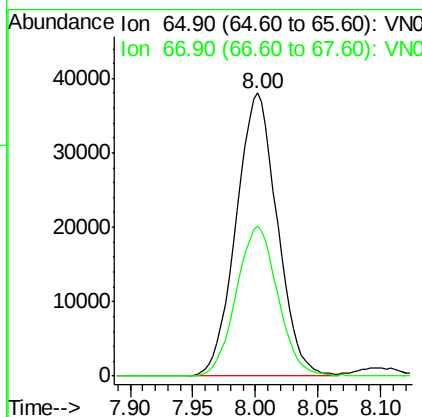
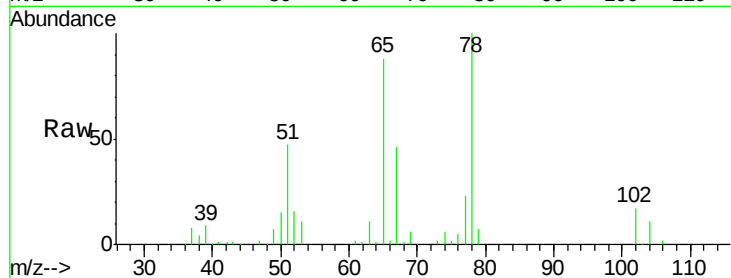
#33
 1,2-Dichloroethane-d4
 Concen: 42.510 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059811.D
 Acq: 21 Jan 2020 15:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121MBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.2	0.0	103.0	

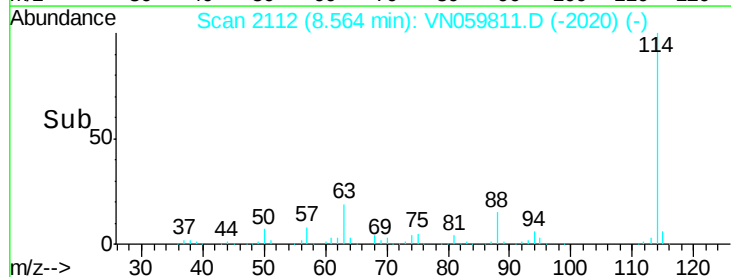
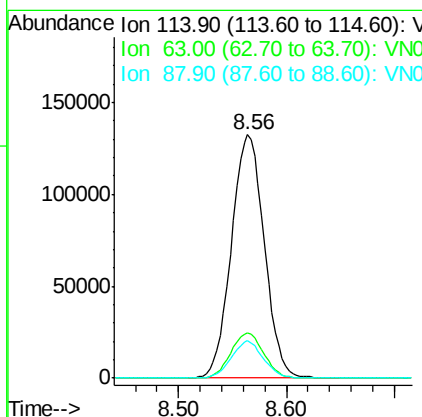
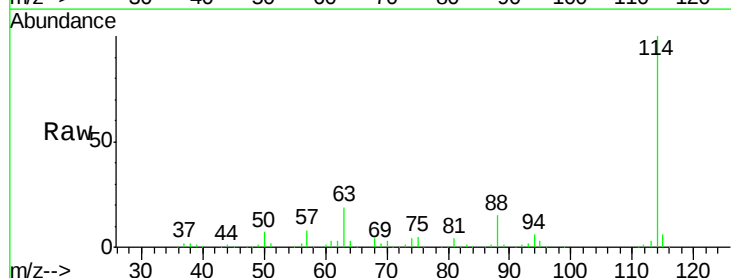
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059811.D
 Acq: 21 Jan 2020 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.5	0.0	43.6	
88	15.2	0.0	31.4	





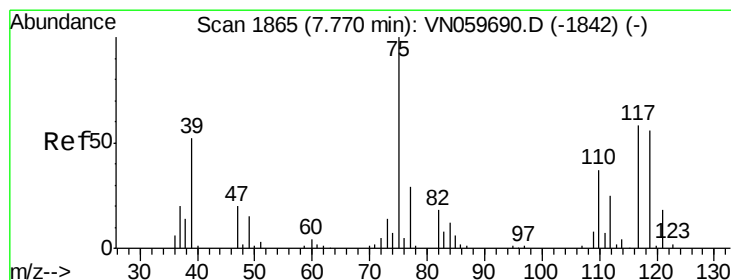
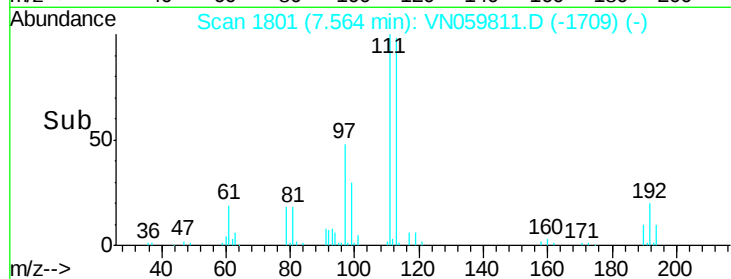
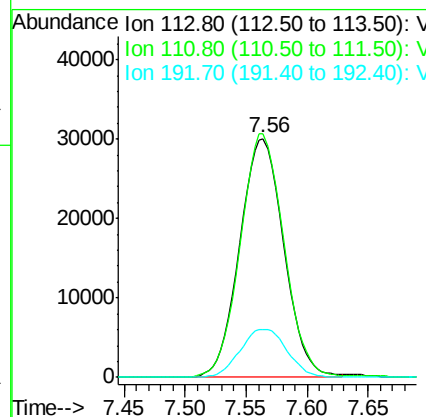
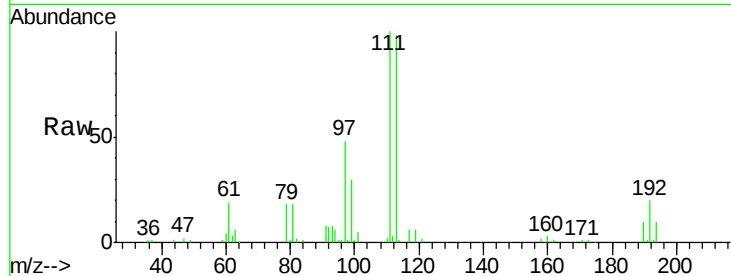
#35
 Dibromofluoromethane
 Concen: 45.042 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059811.D
 Acq: 21 Jan 2020 15:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121MBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	83.5	125.3
192	21.4	15.4	23.2

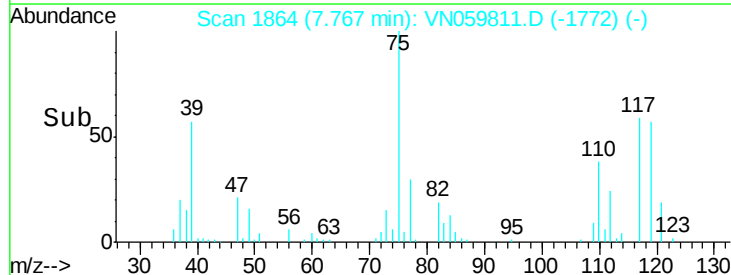
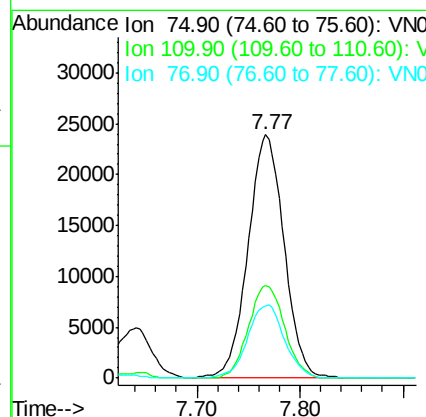
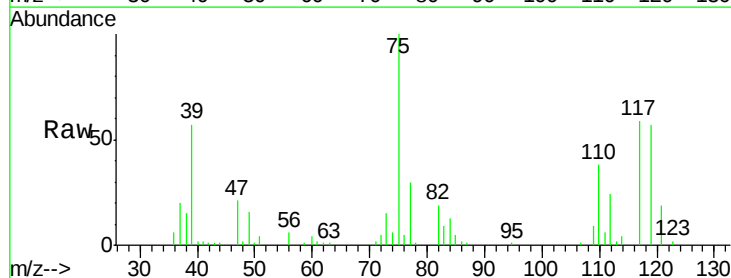
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#36
 1,1-Dichloropropene
 Concen: 23.773 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN059811.D
 Acq: 21 Jan 2020 15:56

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.9	16.6	49.7
77	30.7	25.1	37.7





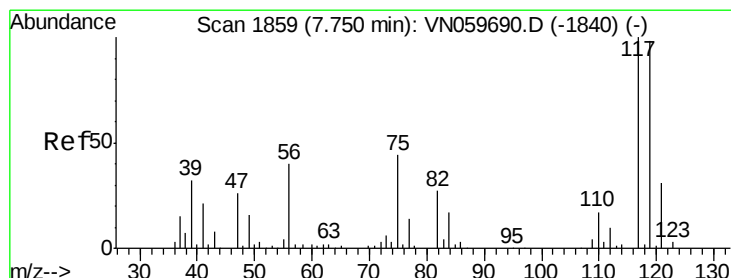
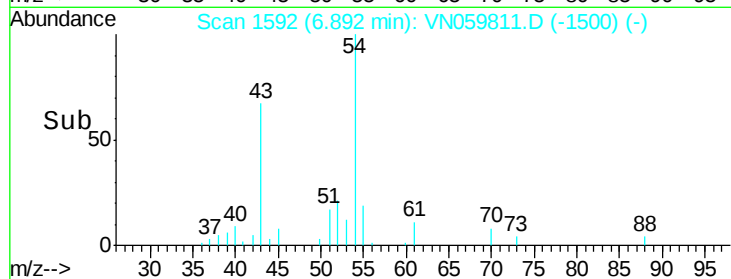
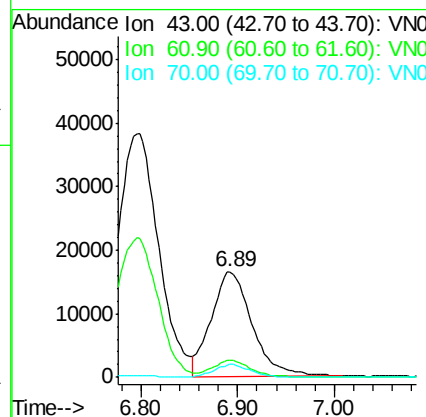
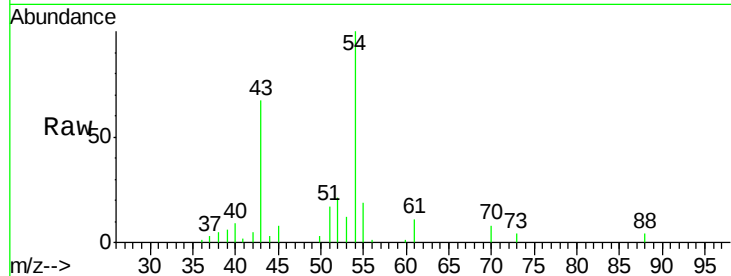
#37
Ethyl Acetate
Concen: 21.032 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Instrument :
MSVOA_N
ClientSampleId :
VN0121MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	10.9	16.3
70	10.9	7.7	11.5

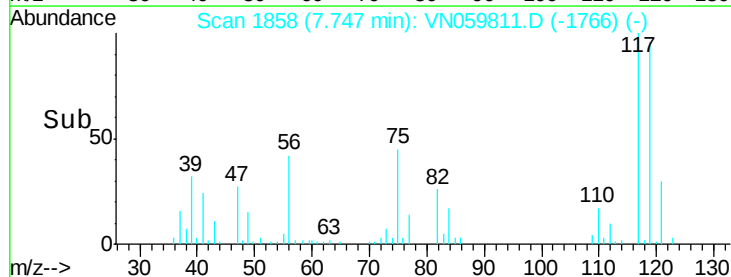
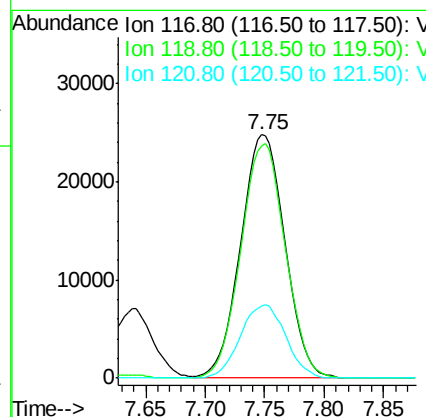
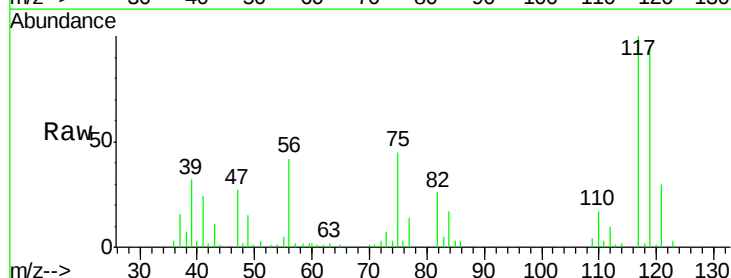
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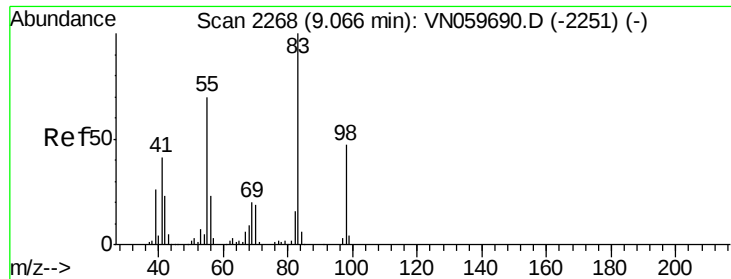
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#38
Carbon Tetrachloride
Concen: 24.134 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.5	114.7
121	29.6	25.1	37.7





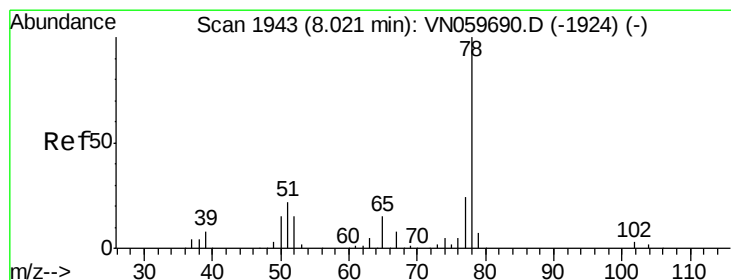
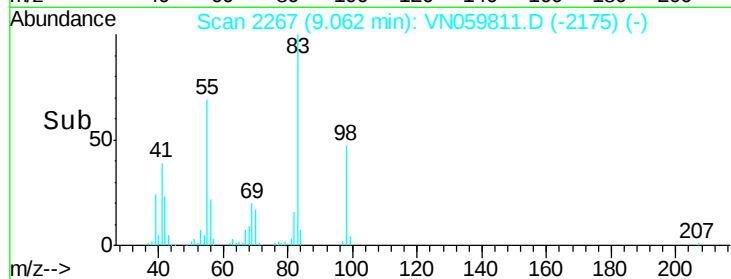
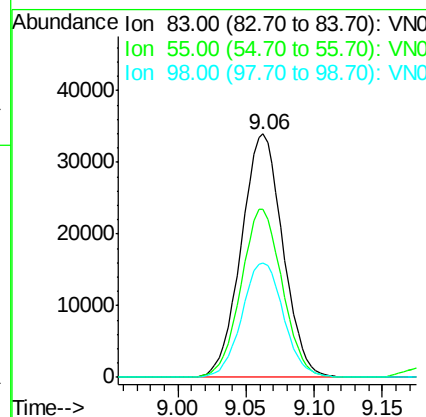
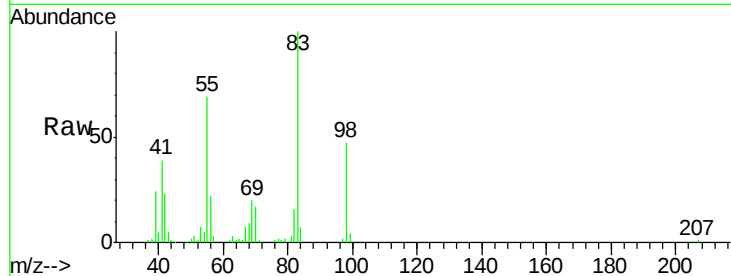
#39
Methvlcvclohexane
Concen: 23.867 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Instrument :
MSVOA_N
ClientSampleId :
VN0121MBS01

Tot Ion	83	Resp	71868
Ion Ratio	100	Lower	Upper
83	100		
55	69.3	64.2	96.2
98	47.0	35.9	53.9

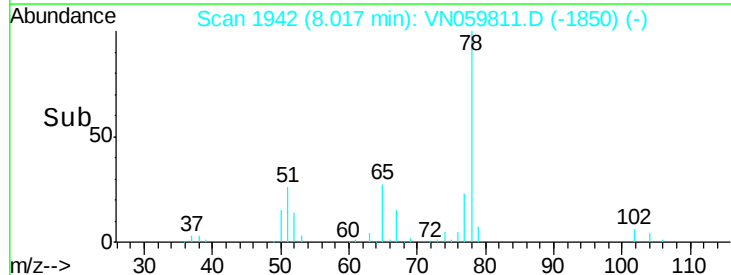
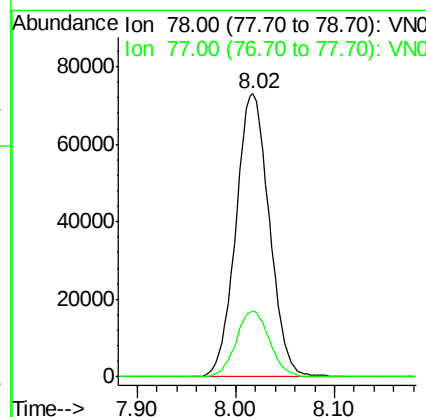
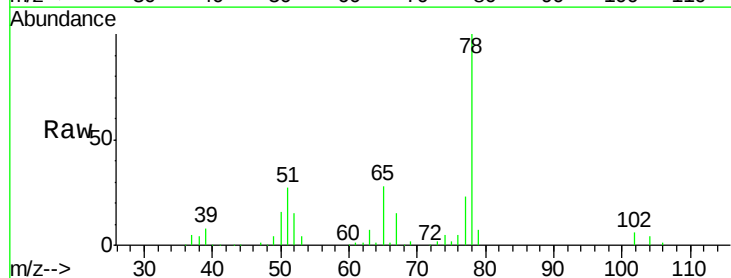
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#40
Benzene
Concen: 23.614 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Tgt Ion	78	Resp	171985
Ion Ratio	100	Lower	Upper
78	100		
77	23.3	18.9	28.3





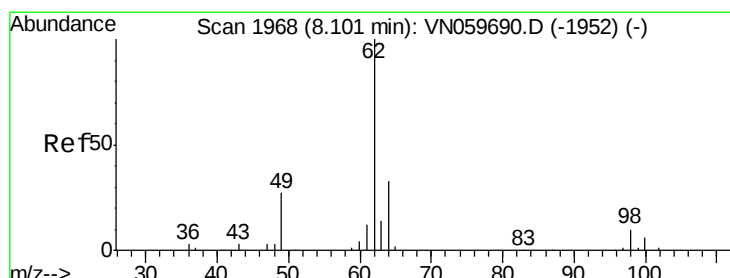
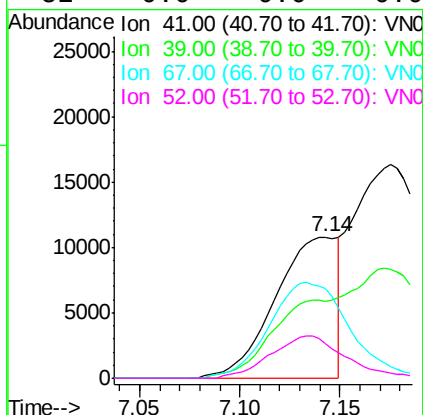
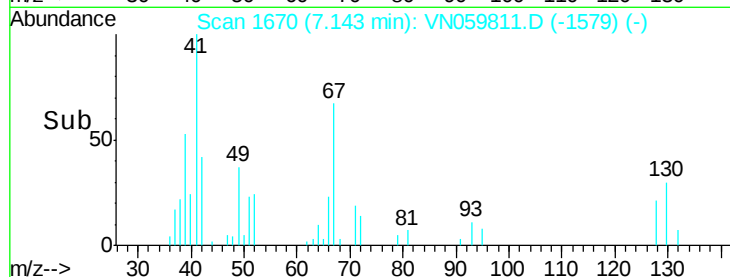
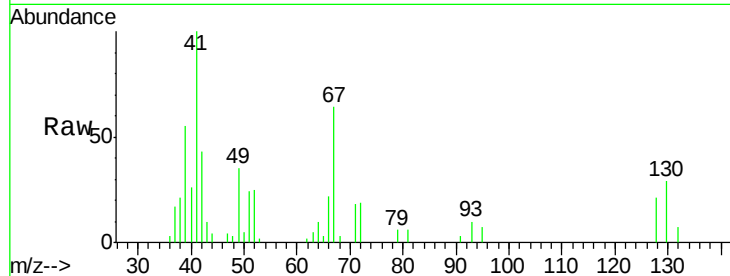
#41
Methacrylonitrile
Concen: 20.914 ug/l m
RT: 7.14 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Instrument :
MSVOA_N
ClientSampleId :
VN0121MBS01

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

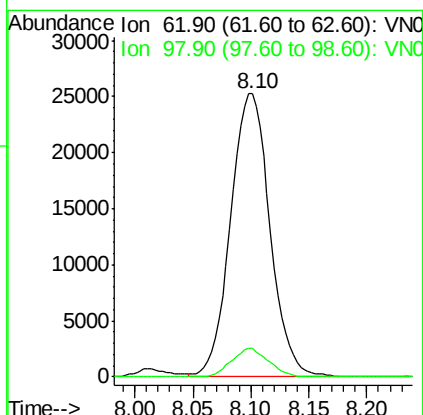
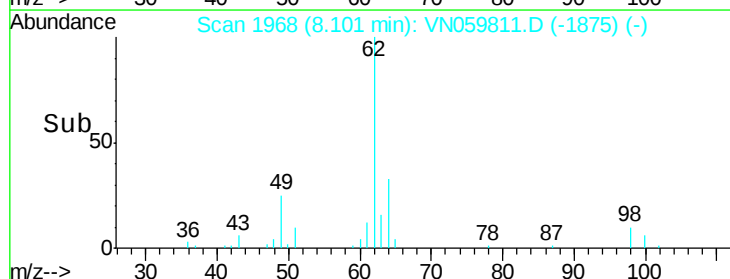
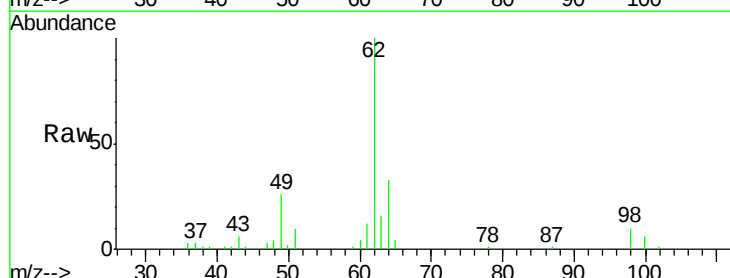
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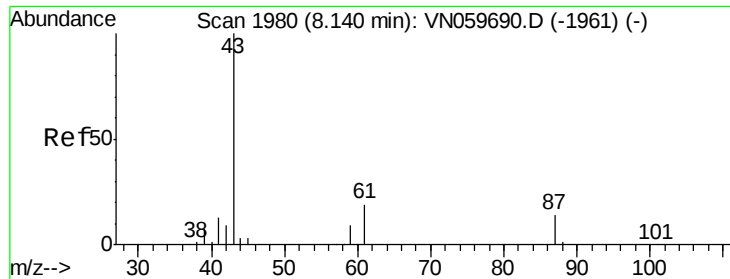
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#42
1,2-Dichloroethane
Concen: 24.173 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	15.8





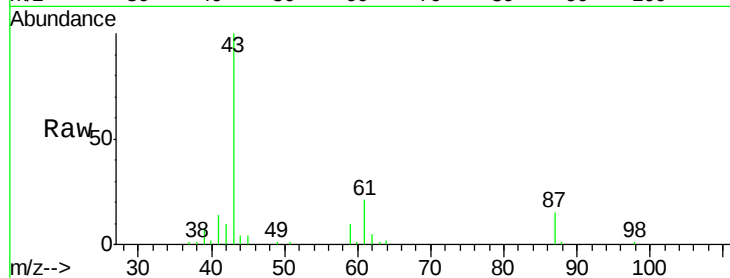
#43
Isopropyl Acetate
Concen: 21.743 ug/l
RT: 8.14 min Scan# 1979
Delta R.T. -0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Instrument :
MSVOA_N
ClientSampleId :
VN0121MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	27.5	20.2	30.2
87	15.1	9.5	14.3

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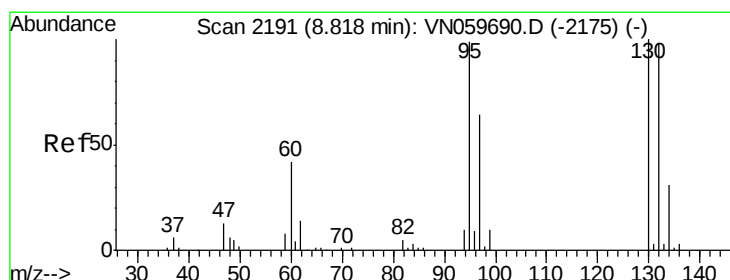
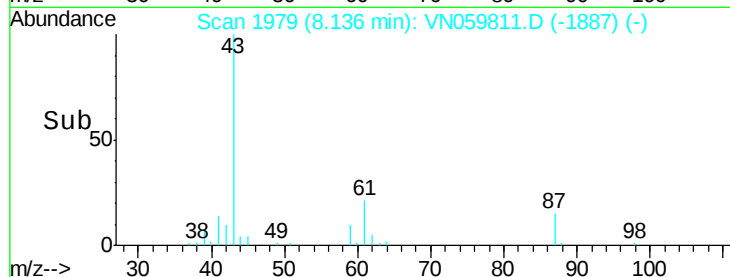
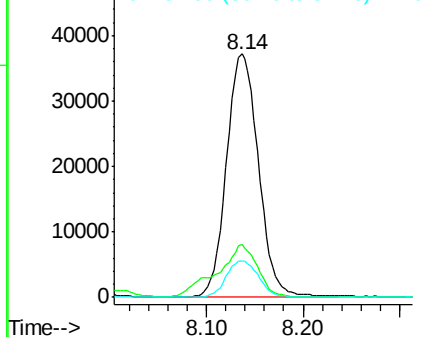
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Abundance Ion 43.00 (42.70 to 43.70): VN059811.D (-1979) (-)

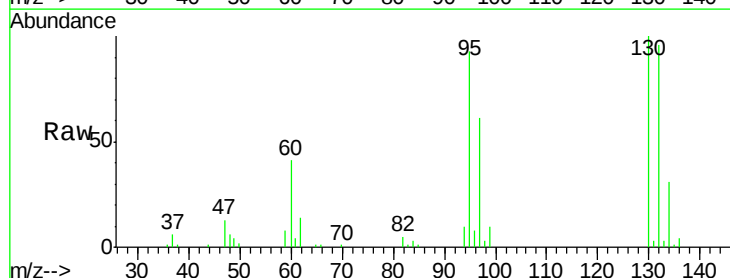
Ion 61.00 (60.70 to 61.70): VN059811.D (-1979) (-)

Ion 87.00 (86.70 to 87.70): VN059811.D (-1979) (-)



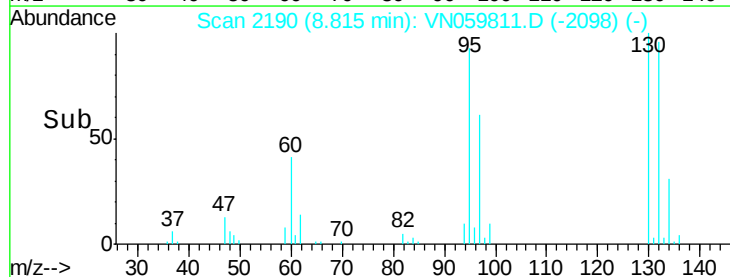
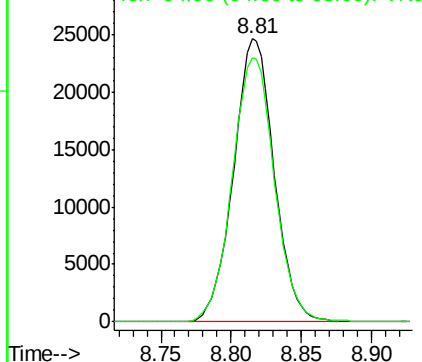
#44
Trichloroethene
Concen: 24.969 ug/l
RT: 8.81 min Scan# 2190
Delta R.T. -0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

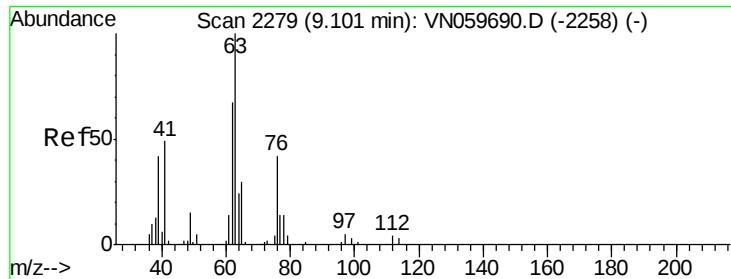
Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.5	0.0	207.0



Abundance Ion 129.80 (129.50 to 130.50): VN059811.D (-2190) (-)

Ion 94.90 (94.60 to 95.60): VN059811.D (-2190) (-)





#45

1,2-Dichloropropane

Concen: 24.189 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

Instrument :

MSVOA_N

ClientSampleId :

VN0121MBS01

Tot Ion: 63 Resp: 43594

Ion Ratio Lower Upper

63 100

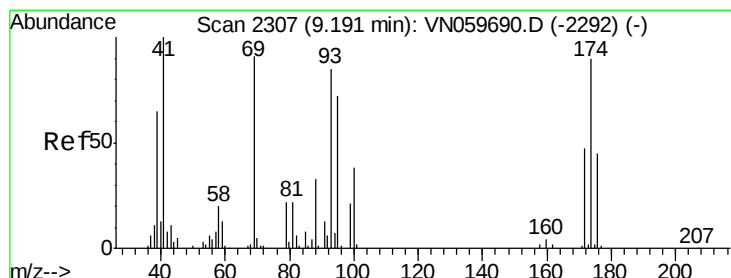
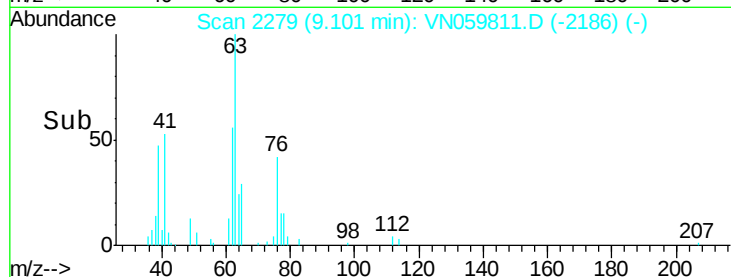
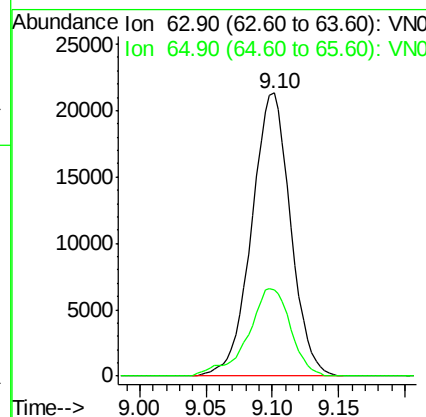
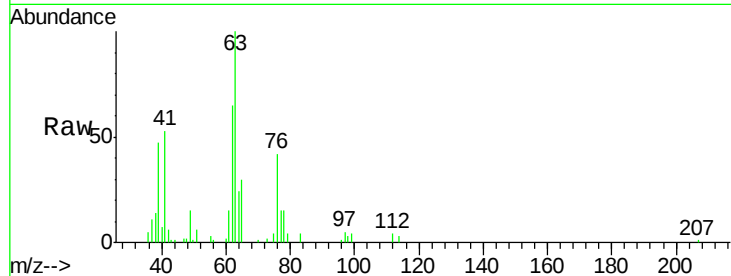
65 30.3 24.9 37.3

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#46

Dibromomethane

Concen: 24.087 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

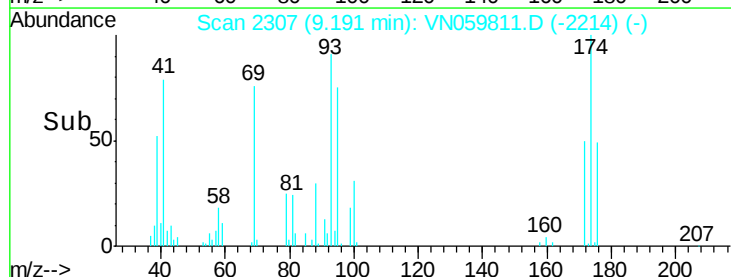
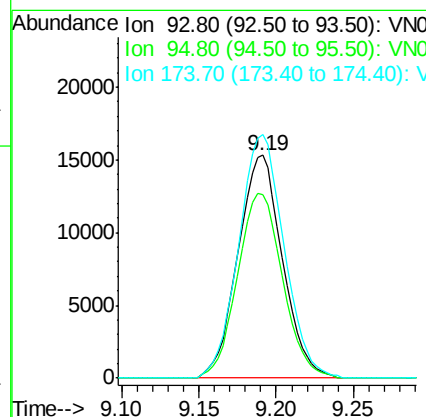
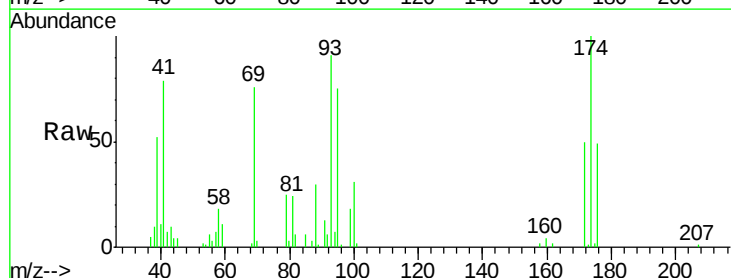
Tgt Ion: 93 Resp: 30622

Ion Ratio Lower Upper

93 100

95 84.0 67.0 100.6

174 111.4 73.4 110.2#





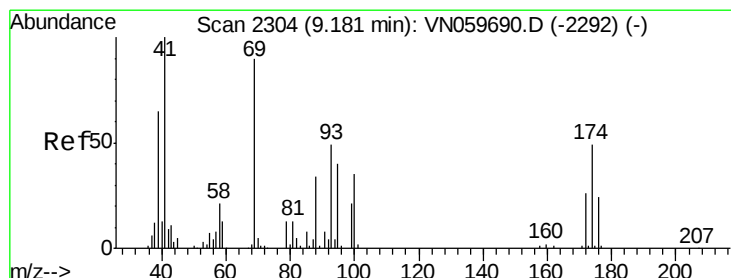
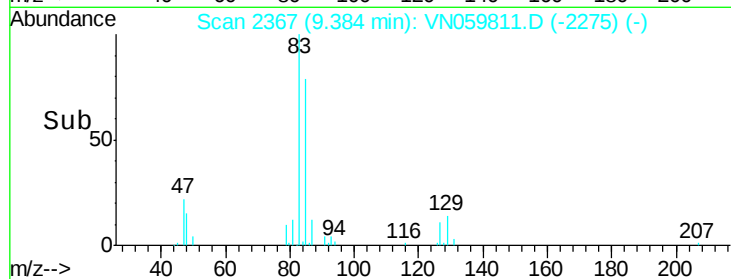
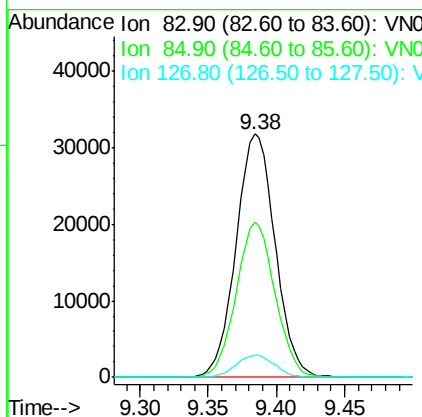
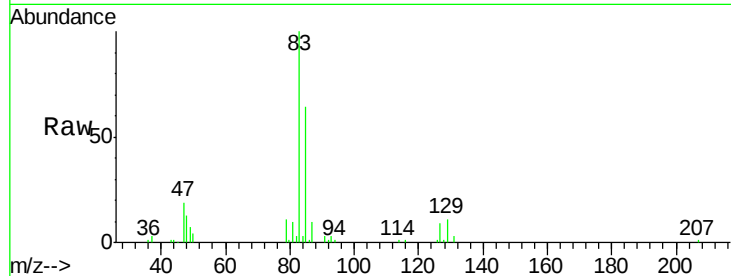
#47
Bromodichloromethane
Concen: 24.665 ug/l
RT: 9.38 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Instrument :
MSVOA_N
ClientSampleId :
VN0121MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.1	76.7
127	9.0	6.6	9.8

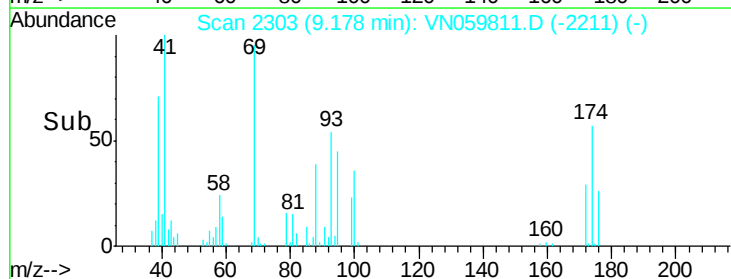
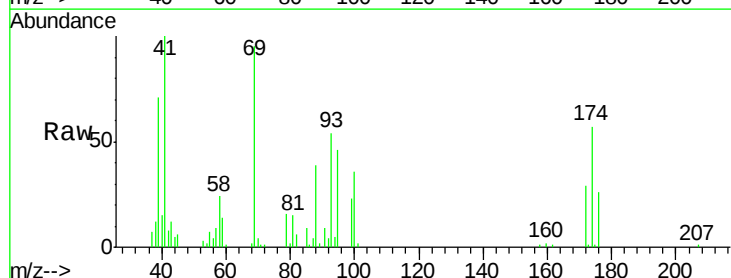
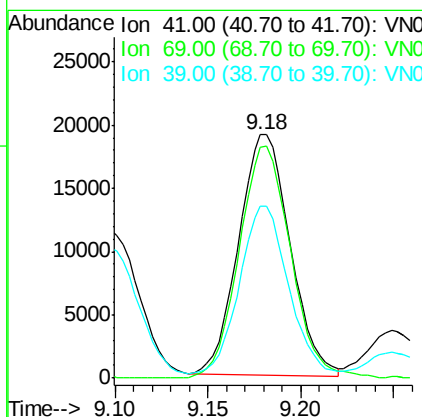
Manual Integrations
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#48
Methyl methacrylate
Concen: 20.794 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Tgt Ion	Ratio	Lower	Upper
41	100		
69	96.7	64.4	96.6#
39	65.9	51.3	76.9





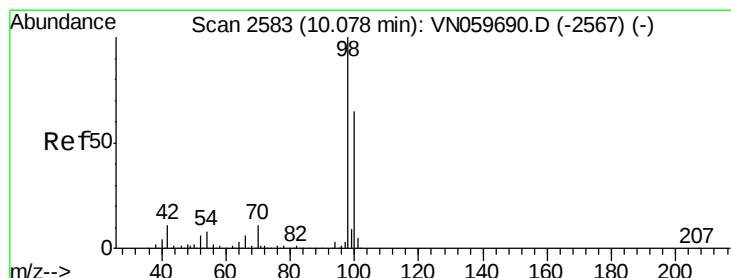
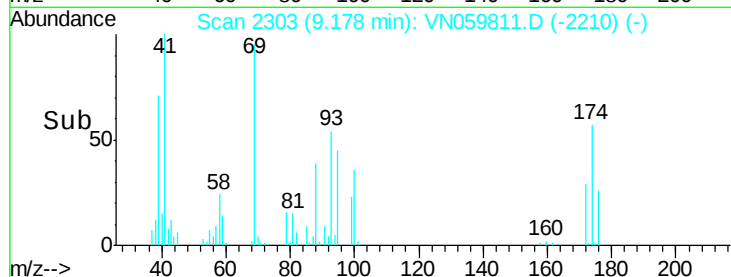
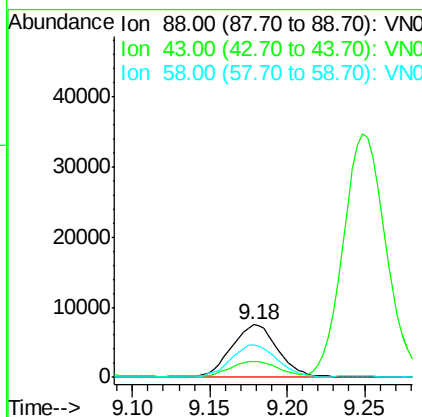
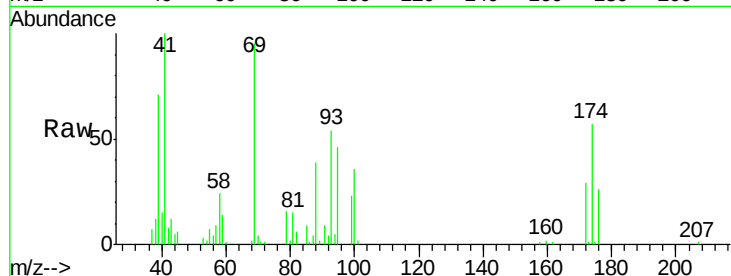
#49
1,4-Dioxane
Concen: 485.125 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Instrument :
MSVOA_N
ClientSampleId :
VN0121MBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.0	29.7	44.5#
58	60.9	56.6	85.0

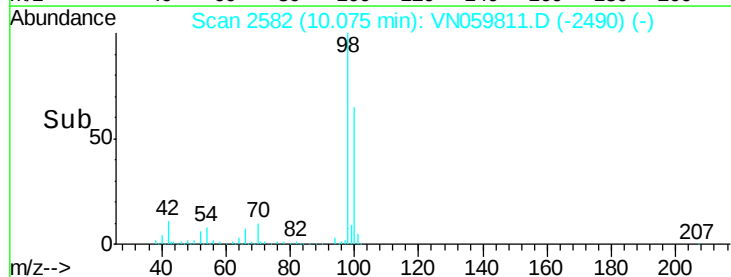
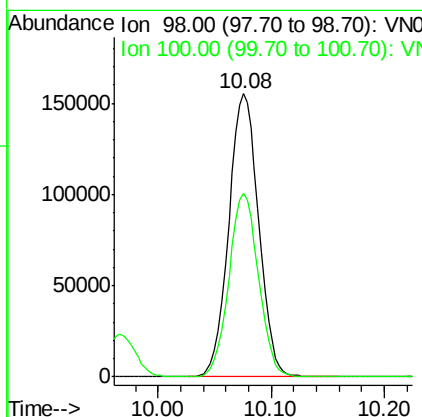
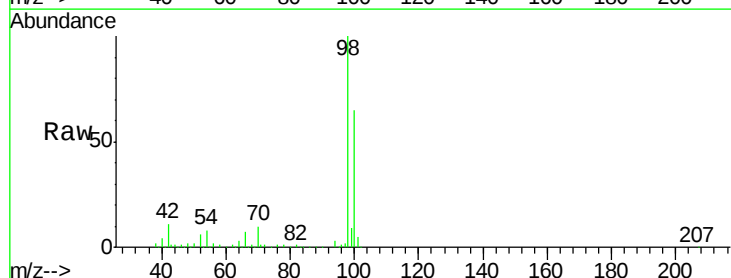
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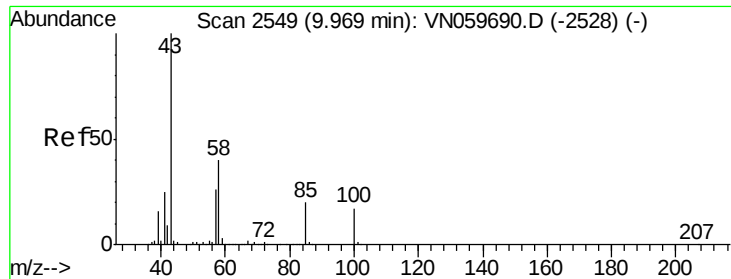
MMDadoda
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#50
Toluene-d8
Concen: 43.966 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 105.919 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

Instrument :

MSVOA_N

ClientSampled :

VN0121MBS01

Tot Ion: 43 Resp: 241221

Ion Ratio Lower Upper

43 100

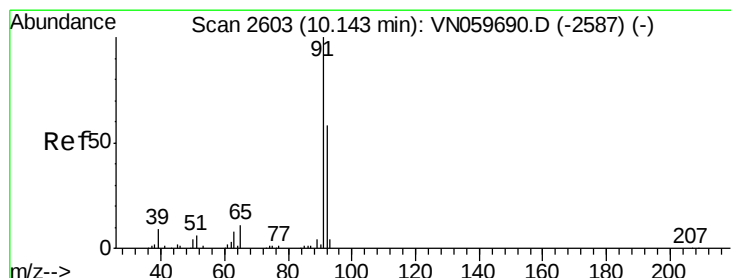
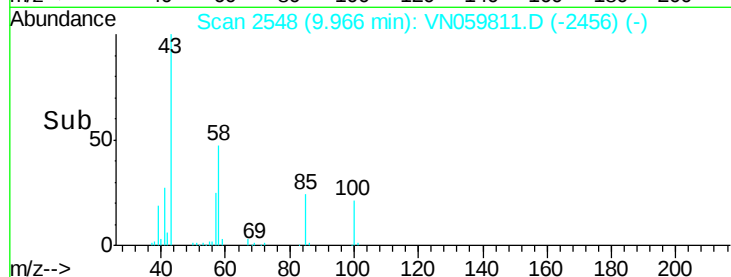
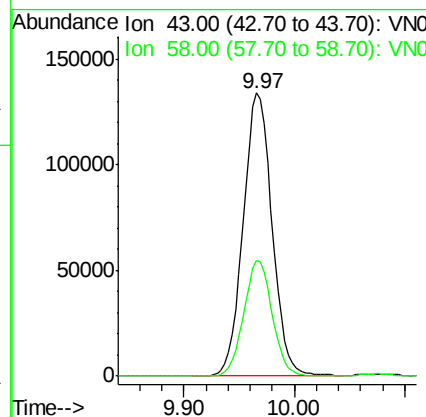
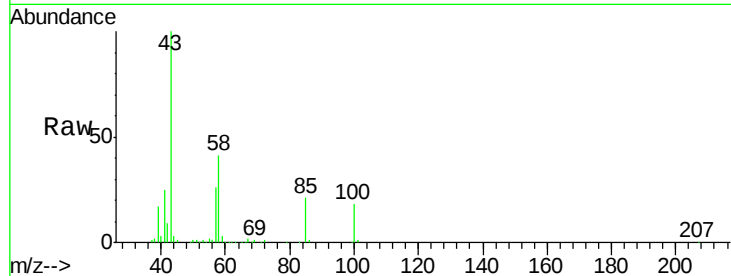
58 40.5 29.8 44.8

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#52

Toluene

Concen: 24.346 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN059811.D

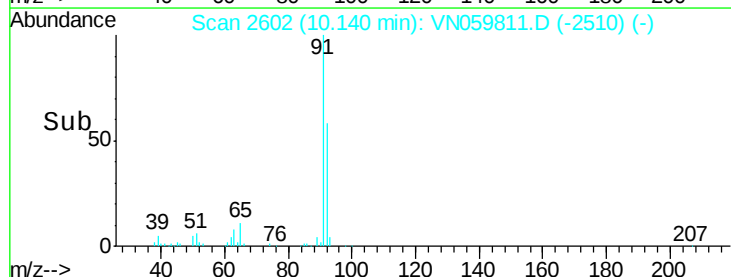
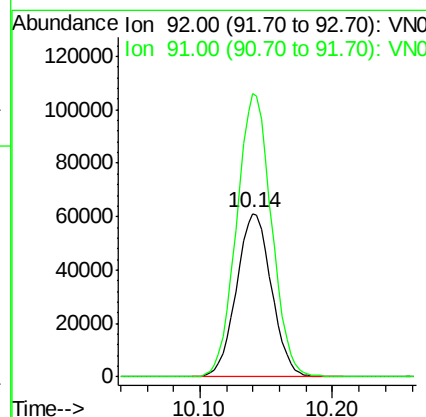
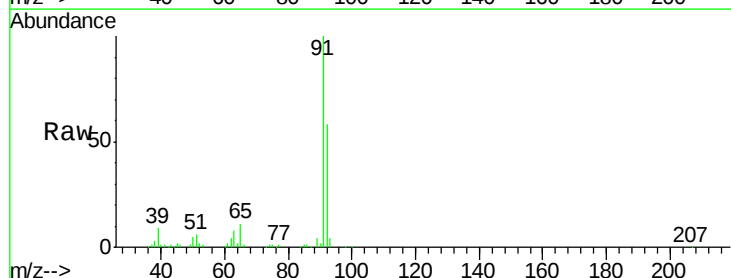
Acq: 21 Jan 2020 15:56

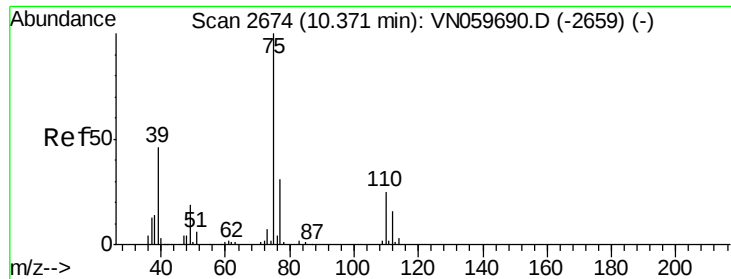
Tgt Ion: 92 Resp: 111999

Ion Ratio Lower Upper

92 100

91 173.2 140.4 210.6





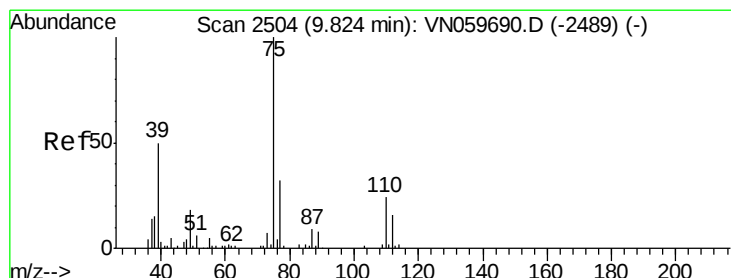
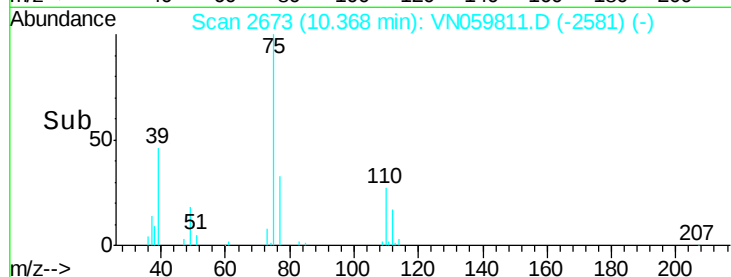
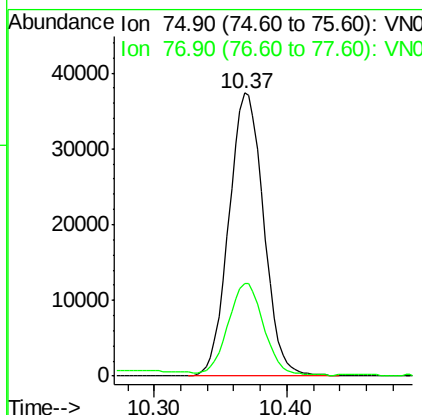
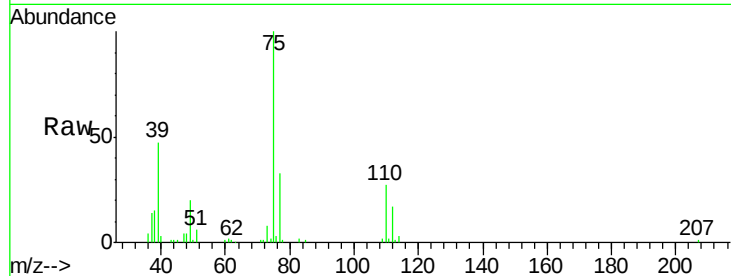
#53
t-1,3-Dichloropropene
Concen: 23.824 ug/l
RT: 10.37 min Scan# 2673
Delta R.T. -0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Instrument :
MSVOA_N
ClientSampleId :
VN0121MBS01

Tot Ion: 75 Resp: 68150
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.2

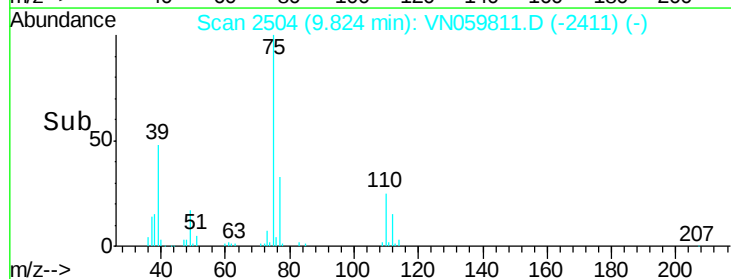
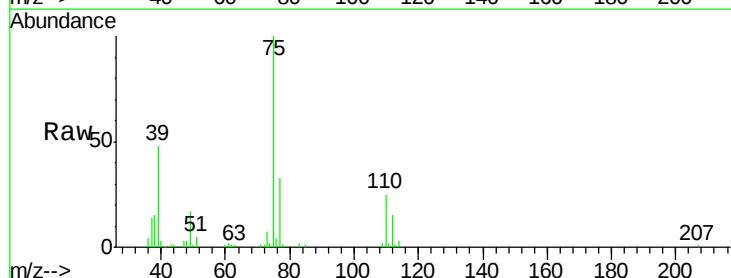
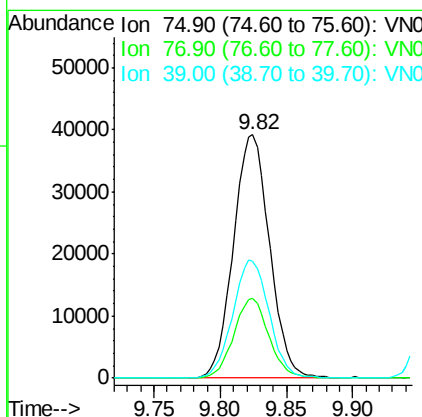
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#54
cis-1,3-Dichloropropene
Concen: 24.697 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. 0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Tgt Ion: 75 Resp: 74334
Ion Ratio Lower Upper
75 100
77 32.5 25.1 37.7
39 48.0 46.1 69.1





#55

1,1,2-Trichloroethane

Concen: 24.013 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. 0.00 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

Instrument :

MSVOA_N

ClientSampleId :

VN0121MBS01

Tot Ion: 97 Resp: 43753

Ion Ratio Lower Upper

97 100

83 86.6 71.3 106.9

85 56.0 45.8 68.8

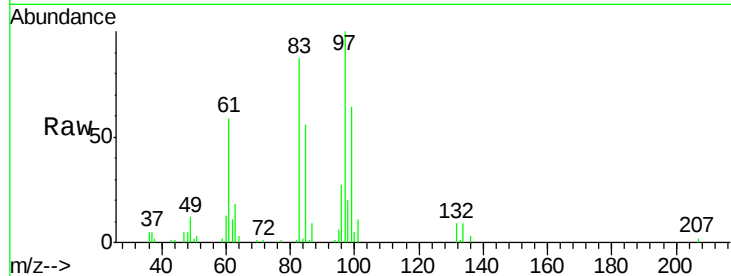
99 63.5 50.0 75.0

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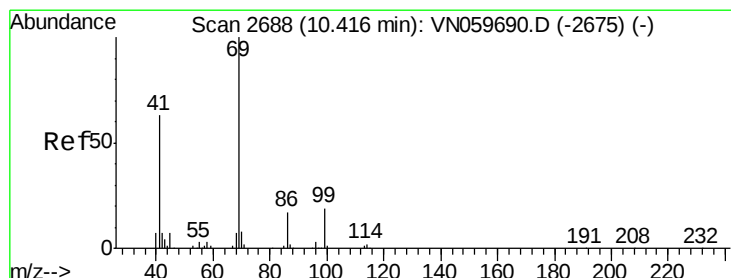
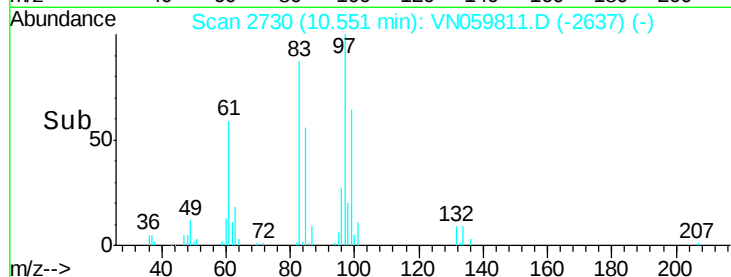
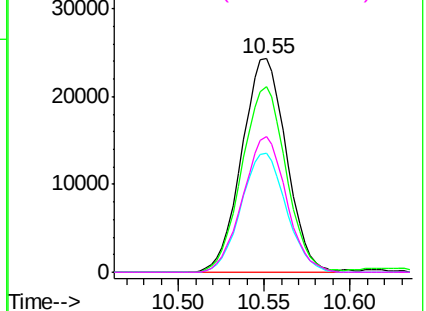


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 21.769 ug/l

RT: 10.42 min Scan# 2688

Delta R.T. 0.00 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

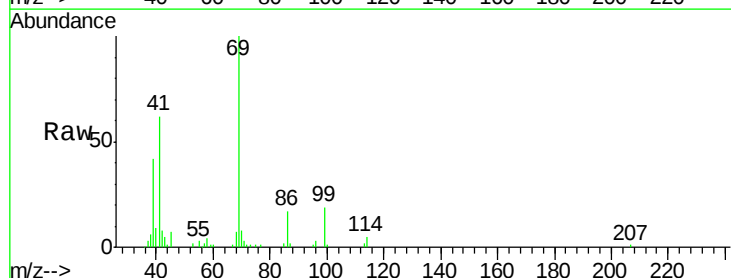
Tgt Ion: 69 Resp: 60605

Ion Ratio Lower Upper

69 100

41 63.4 57.1 85.7

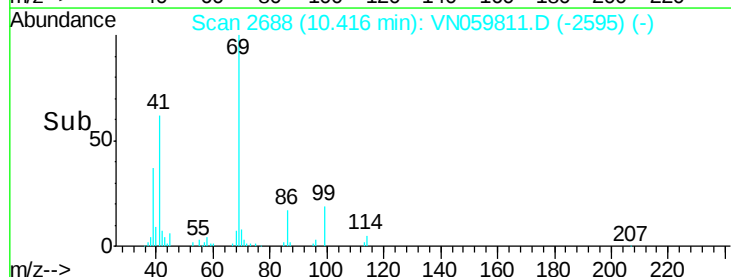
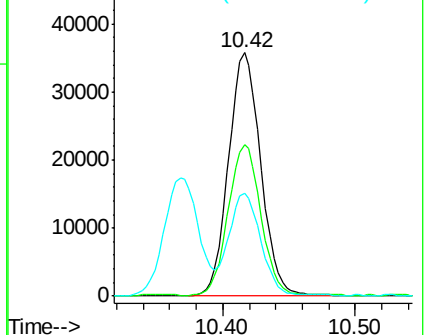
39 41.2 34.7 52.1

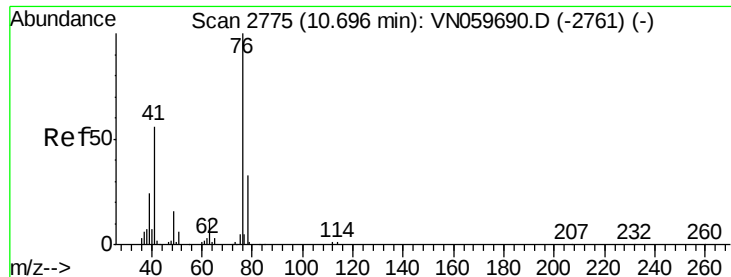


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 24.235 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

Instrument :

MSVOA_N

ClientSampled :

VN0121MBS01

Tot Ion: 76 Resp: 70103

Ion Ratio Lower Upper

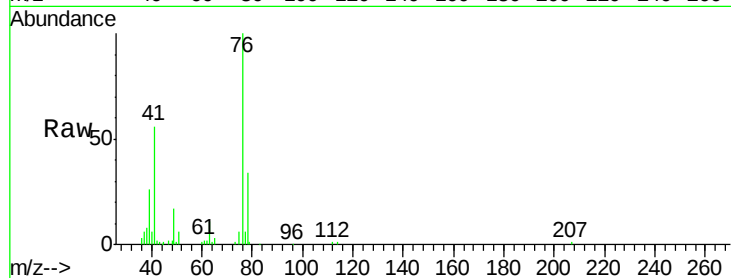
76 100

78 32.5 25.8 38.8

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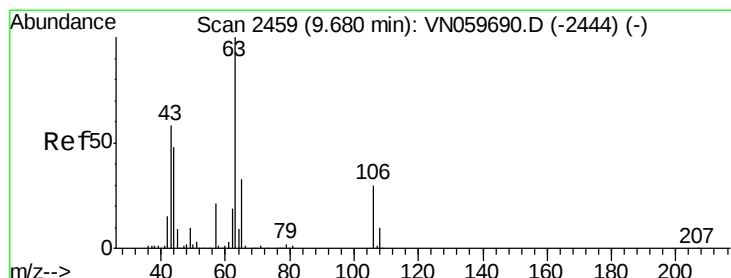
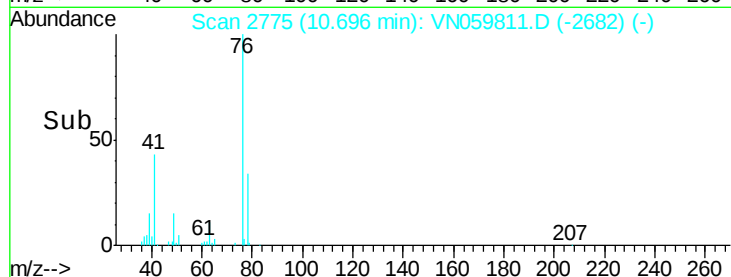
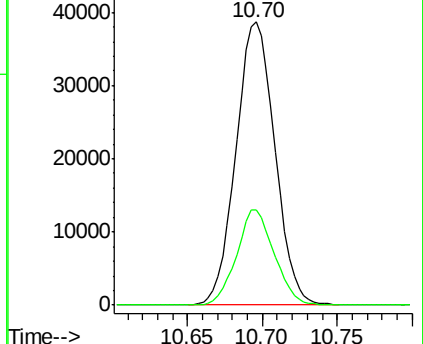
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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 83.960 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN059811.D

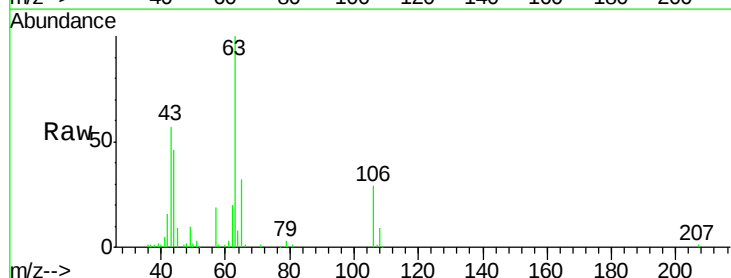
Acq: 21 Jan 2020 15:56

Tgt Ion: 63 Resp: 70406

Ion Ratio Lower Upper

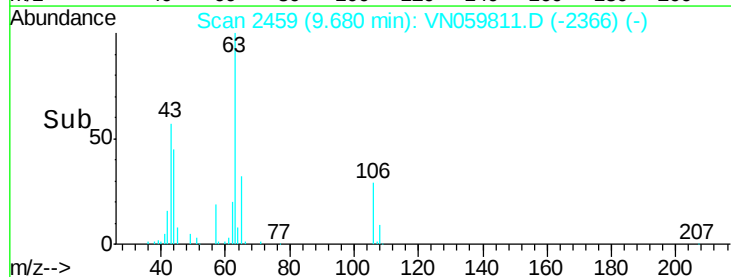
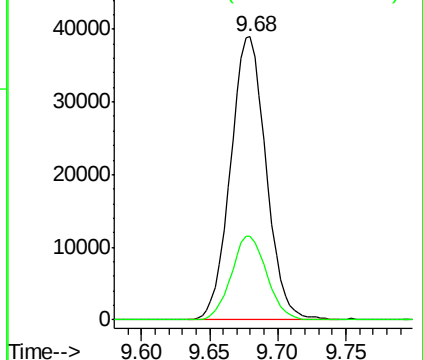
63 100

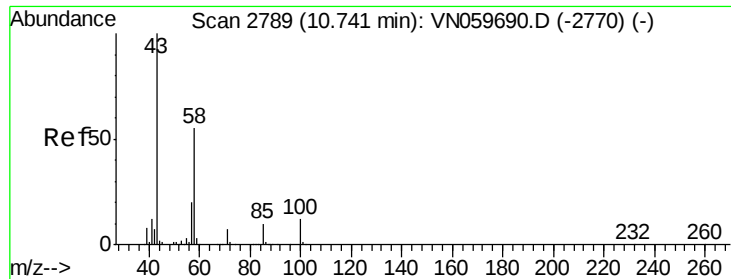
106 29.6 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





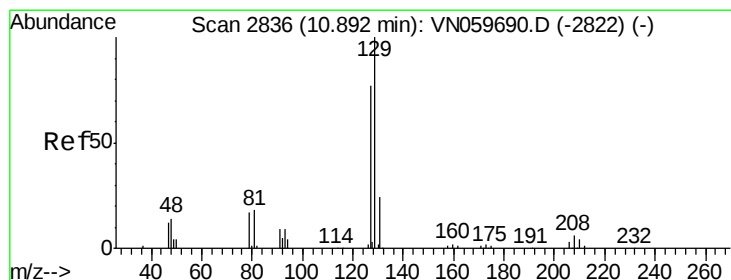
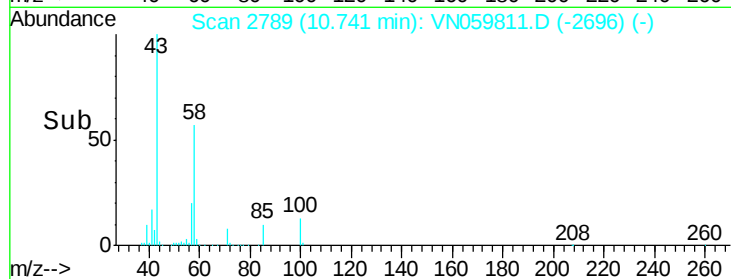
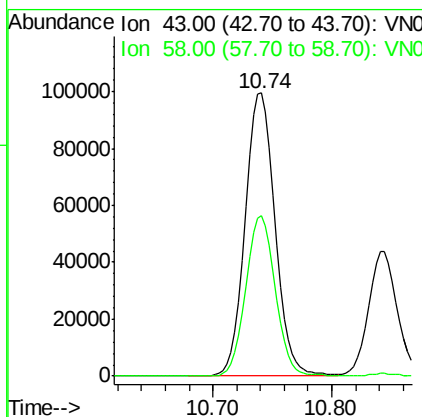
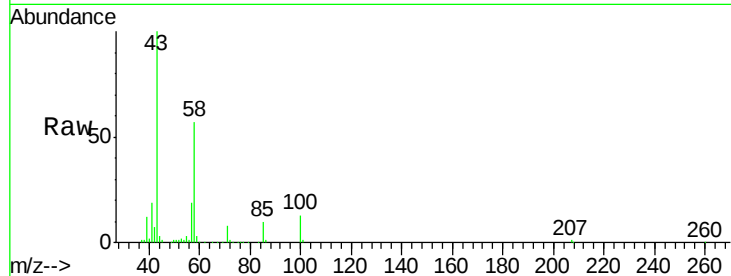
#59
2-Hexanone
Concen: 102.843 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Instrument :
MSVOA_N
ClientSampleId :
VN0121MBS01

Tot Ion: 43 Resp: 172548
Ion Ratio Lower Upper
43 100
58 56.2 25.8 77.3

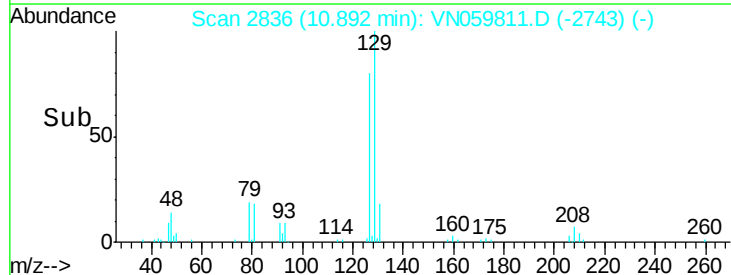
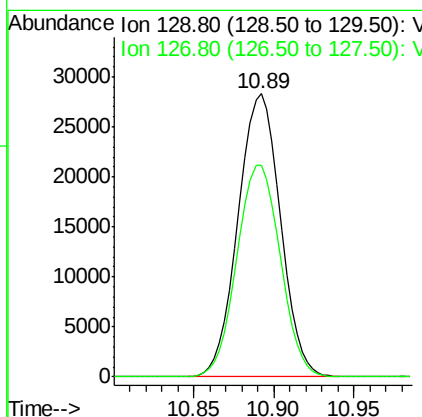
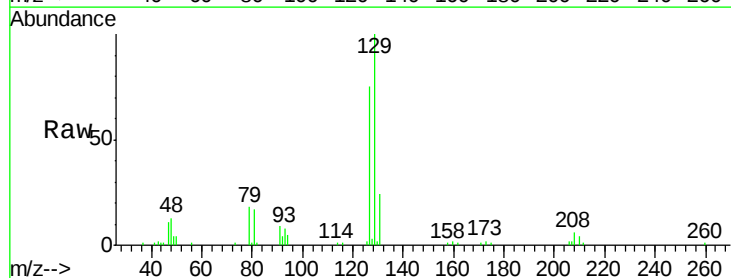
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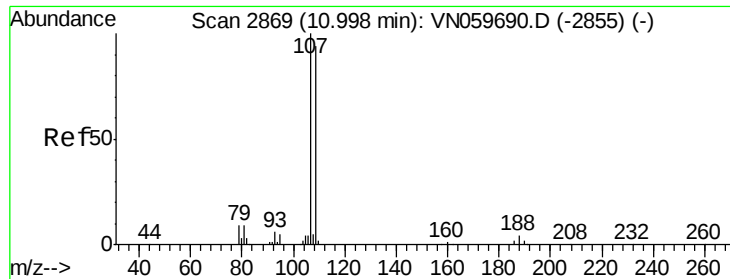
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#60
Dibromochloromethane
Concen: 24.698 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Tgt Ion: 129 Resp: 51244
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5





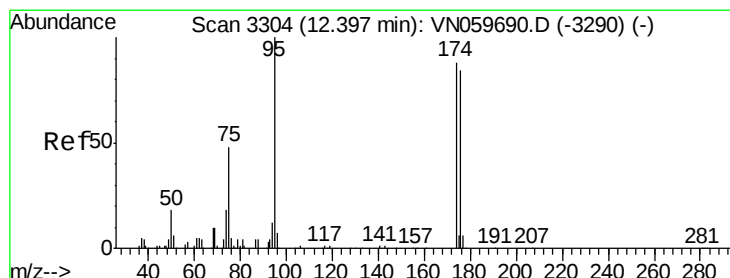
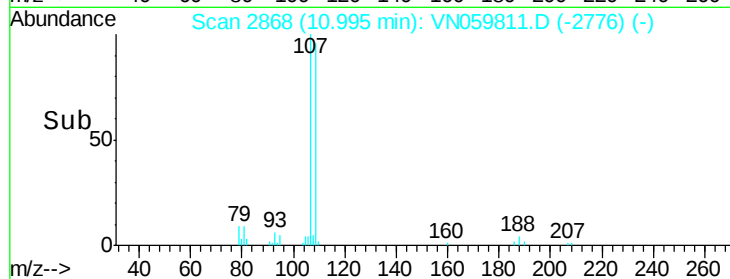
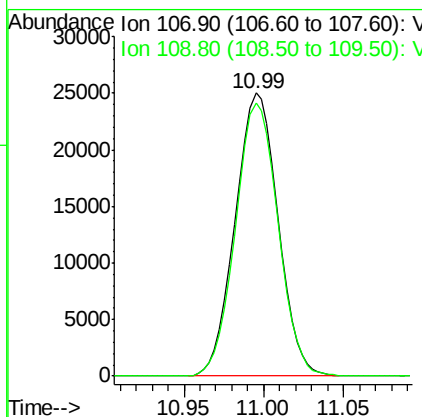
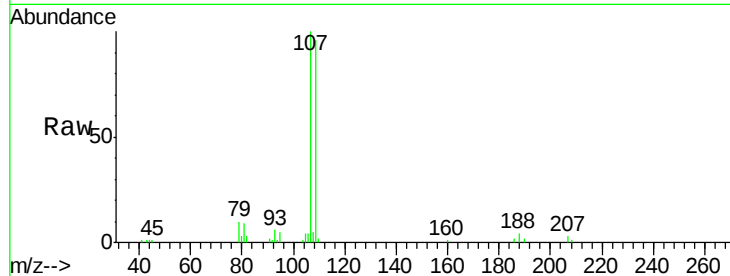
#61
 1,2-Dibromoethane
 Concen: 23.927 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN059811.D
 Acq: 21 Jan 2020 15:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121MBS01

Tot Ion:107 Resp: 45694
 Ion Ratio Lower Upper
 107 100
 109 95.9 76.6 115.0

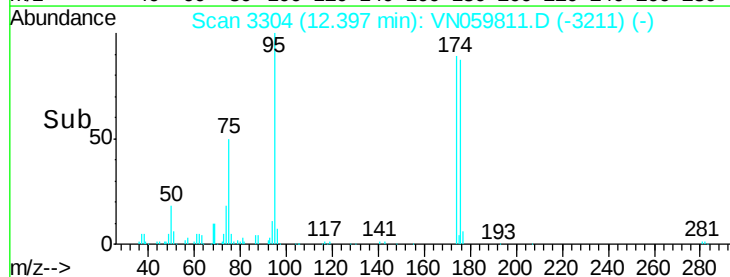
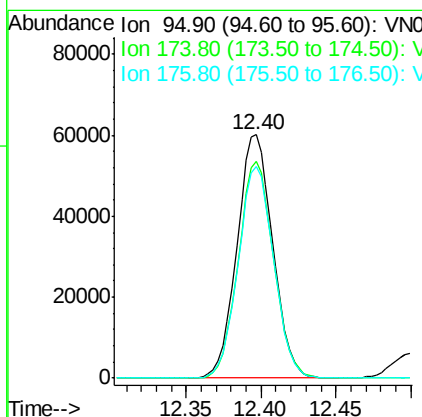
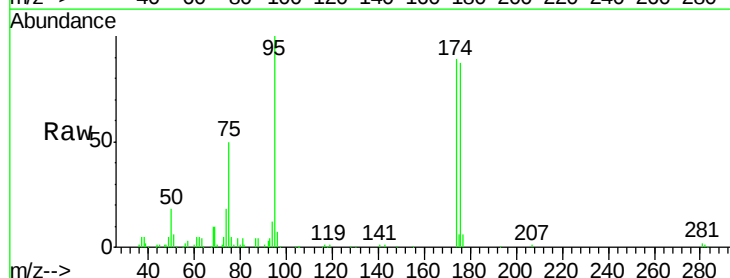
Manual Integrations
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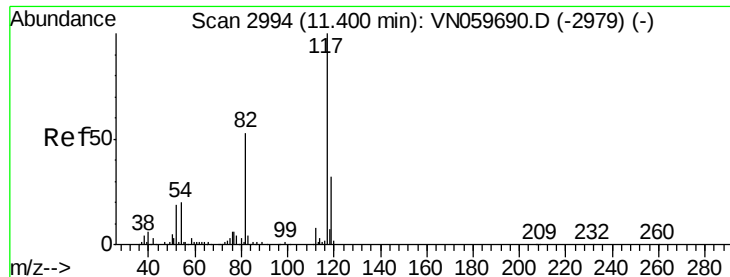
MMDadoda
 1/22/2020 11:14:59 AM



#62
 4-Bromofluorobenzene
 Concen: 42.682 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN059811.D
 Acq: 21 Jan 2020 15:56

Tgt Ion: 95 Resp: 99697
 Ion Ratio Lower Upper
 95 100
 174 88.2 0.0 151.4
 176 86.5 0.0 146.0





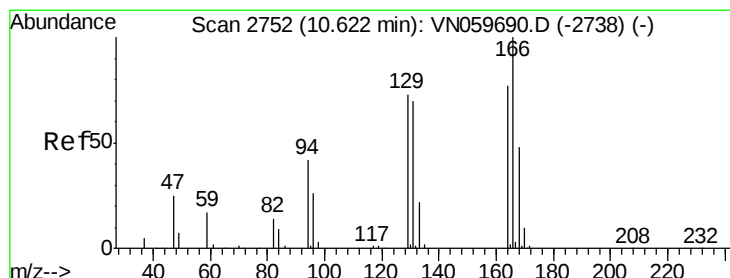
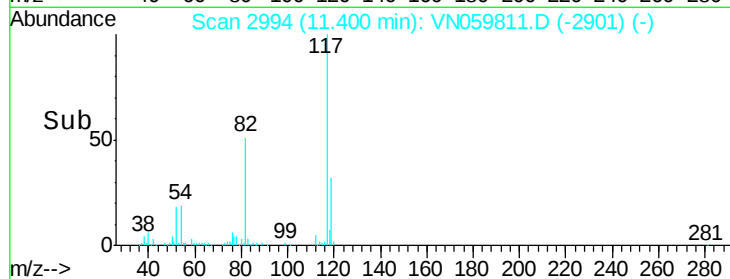
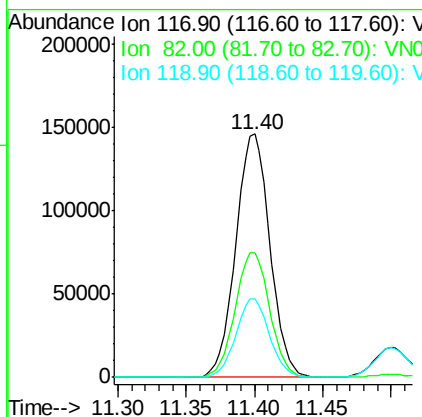
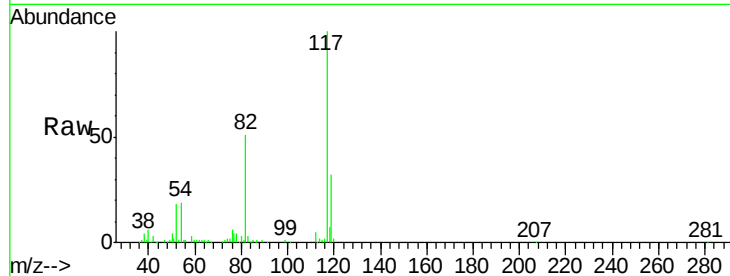
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Instrument :
MSVOA_N
ClientSampleId :
VN0121MBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.2	45.9	68.9
119	32.2	25.5	38.3

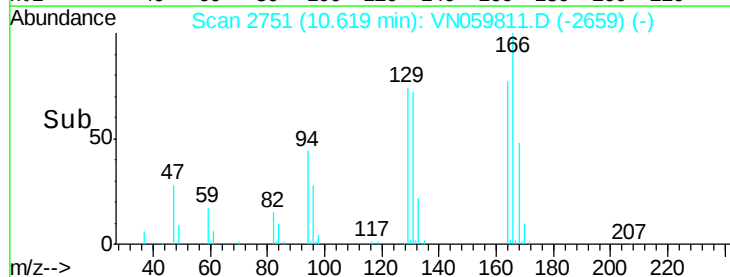
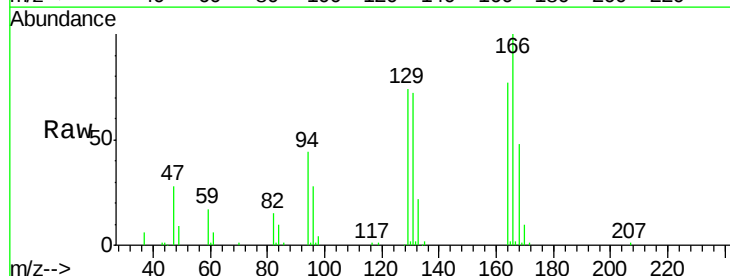
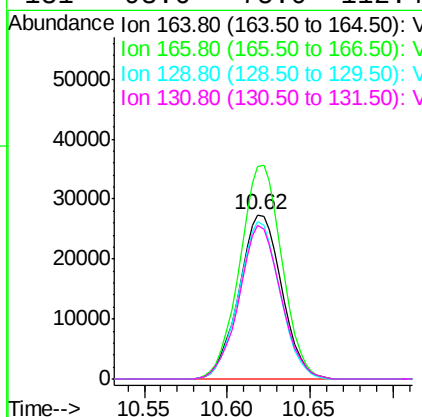
Manual Integrations
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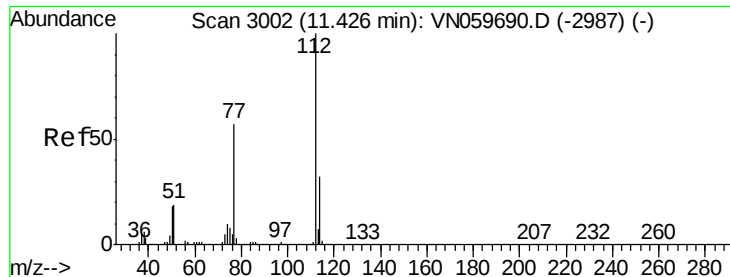
MMDadoda
1/22/2020 11:14:59 AM



#64
Tetrachloroethene
Concen: 23.814 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.6	101.4	152.0
129	95.5	80.2	120.4
131	93.6	75.0	112.4





#65

Chlorobenzene

Concen: 24.300 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. 0.00 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

Instrument :

MSVOA_N

ClientSampled :

VN0121MBS01

Tot Ion:112 Resp: 120867

Ion Ratio Lower Upper

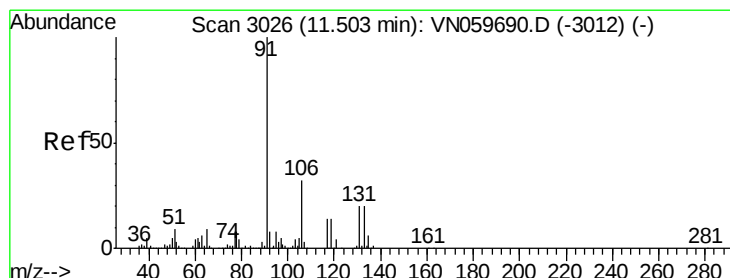
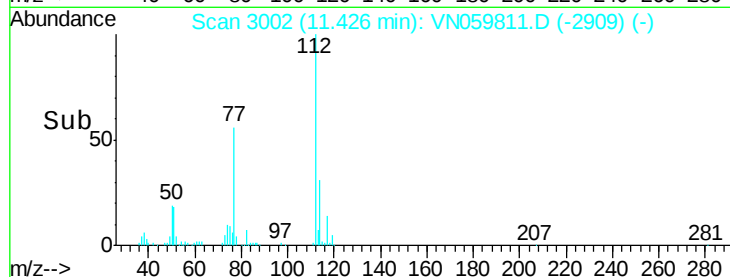
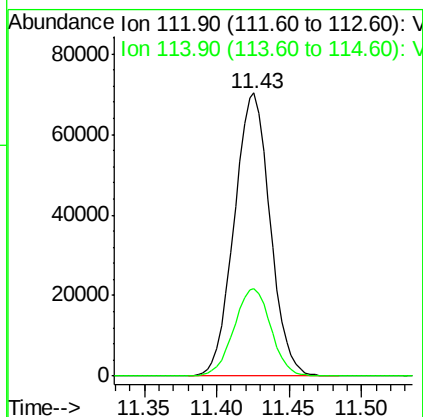
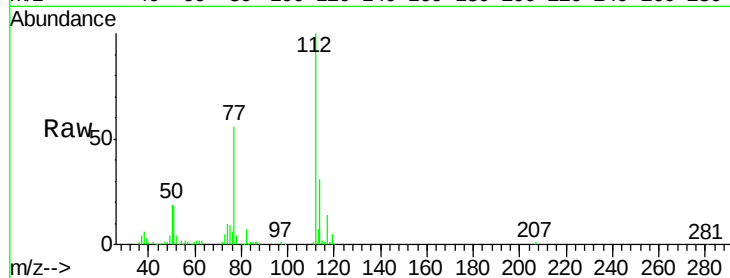
112 100

114 31.0 25.8 38.8

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 25.468 ug/l

RT: 11.50 min Scan# 3025

Delta R.T. -0.00 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

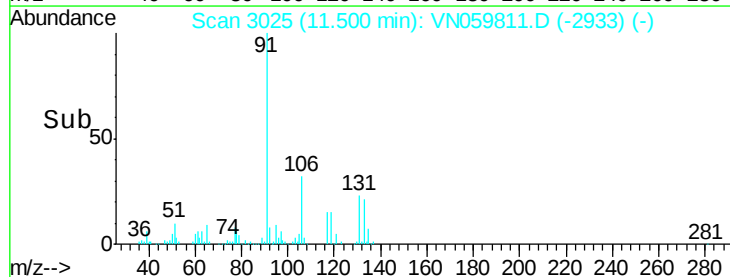
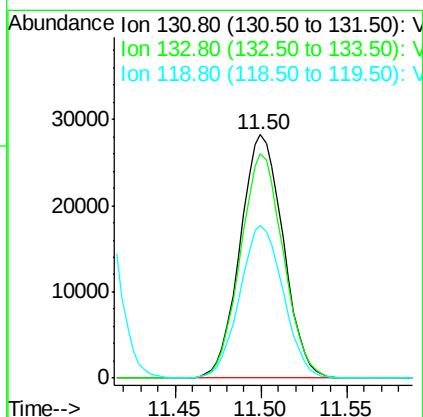
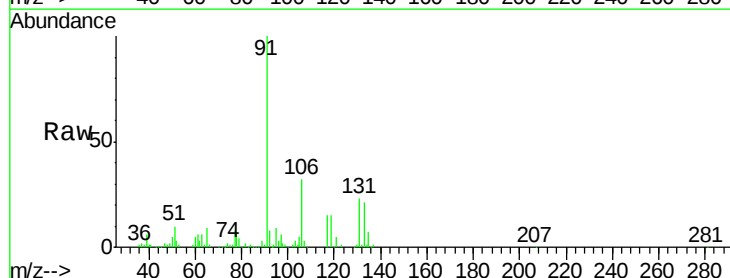
Tgt Ion:131 Resp: 48949

Ion Ratio Lower Upper

131 100

133 92.0 47.4 142.2

119 63.3 33.1 99.3





#67

Ethyl Benzene

Concen: 24.038 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

Instrument :

MSVOA_N

ClientSampleId :

VN0121MBS01

Tot Ion: 91 Resp: 217048

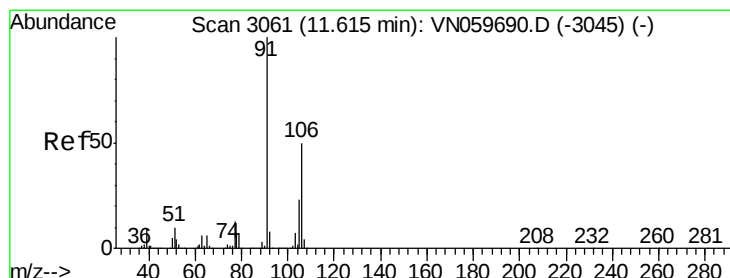
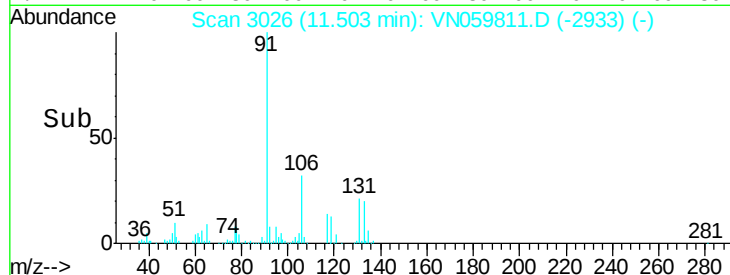
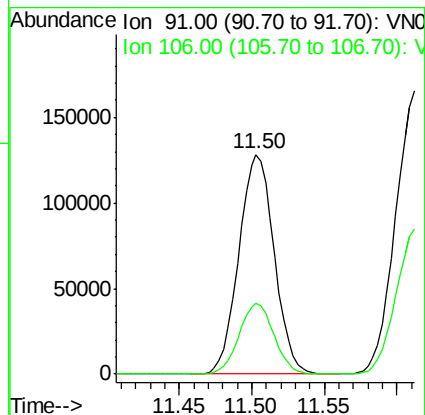
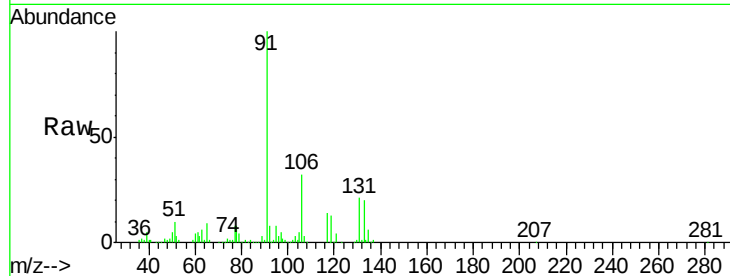
Ion Ratio Lower Upper

91 100

106 32.1 24.1 36.1

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#68

m/p-Xylenes

Concen: 48.221 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN059811.D

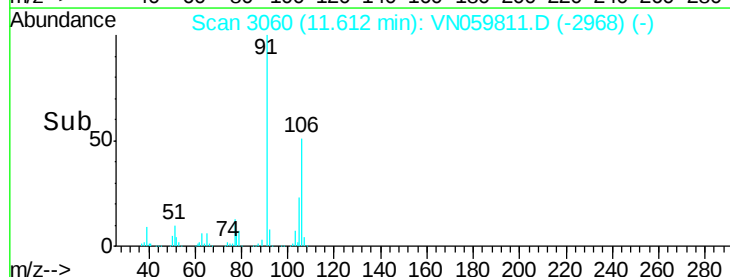
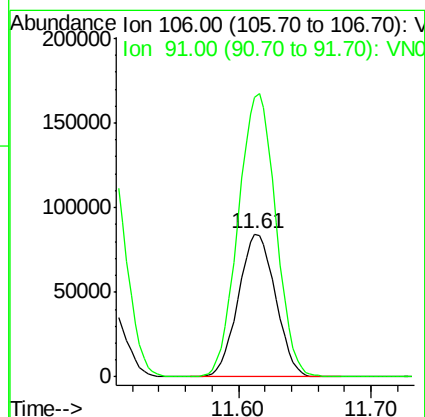
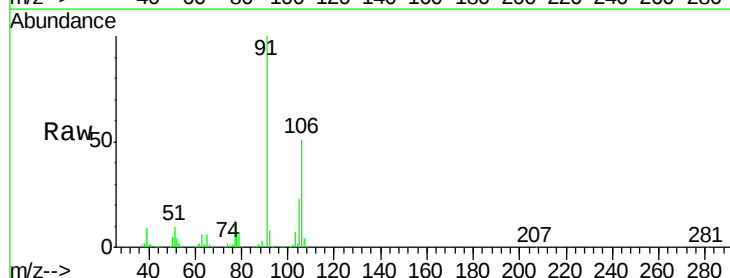
Acq: 21 Jan 2020 15:56

Tgt Ion: 106 Resp: 164472

Ion Ratio Lower Upper

106 100

91 199.9 167.9 251.9





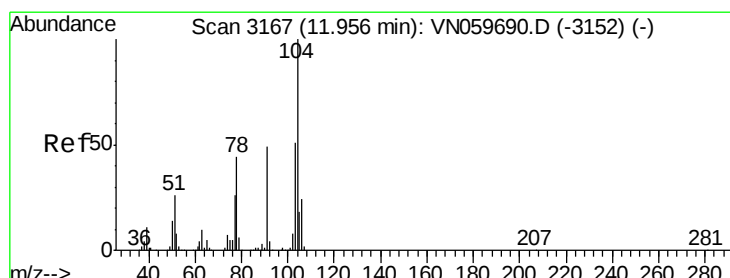
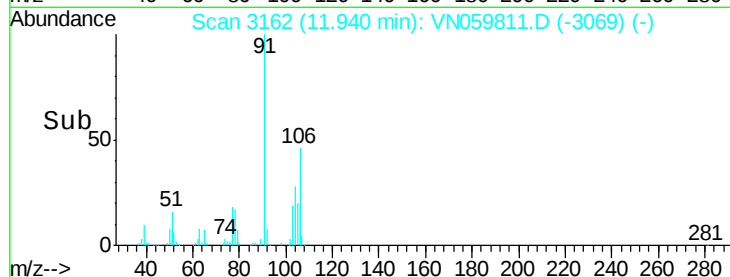
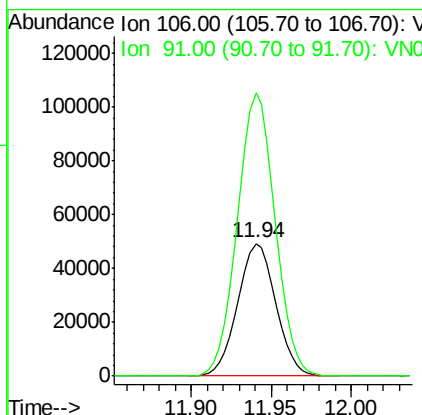
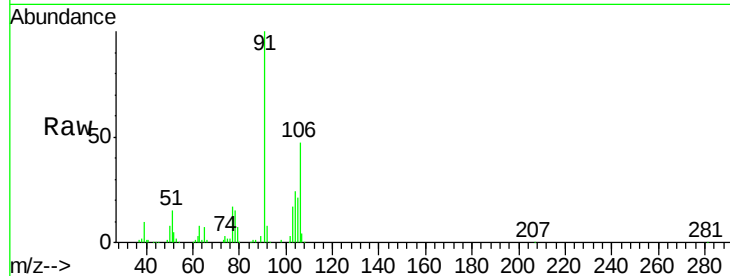
#69
o-Xylene
Concen: 23.929 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Instrument :
MSVOA_N
ClientSampleId :
VN0121MBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	211.4	110.3	330.9	

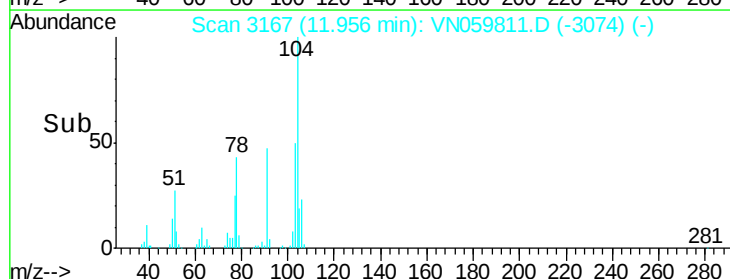
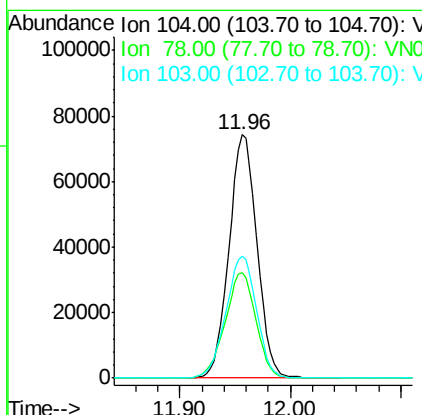
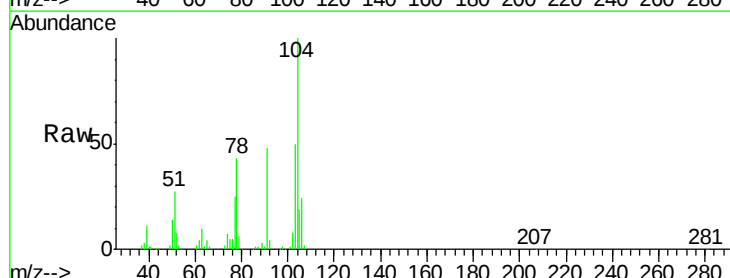
Manual Integrations
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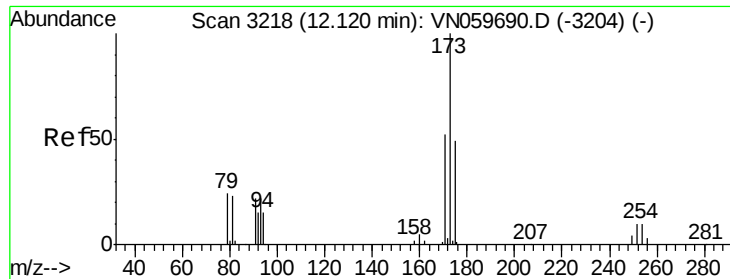
MMDadoda
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#70
Styrene
Concen: 23.437 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	47.6	42.4	63.6	
103	54.8	43.9	65.9	





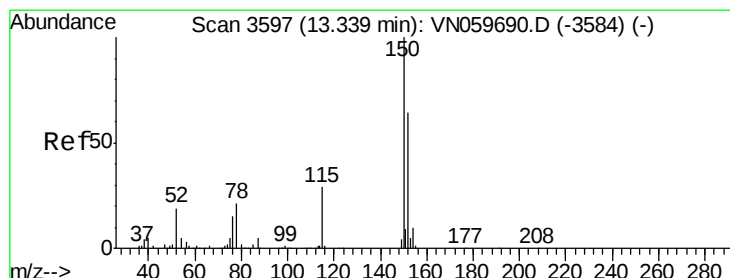
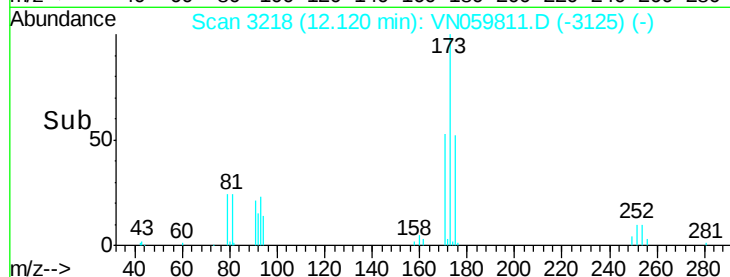
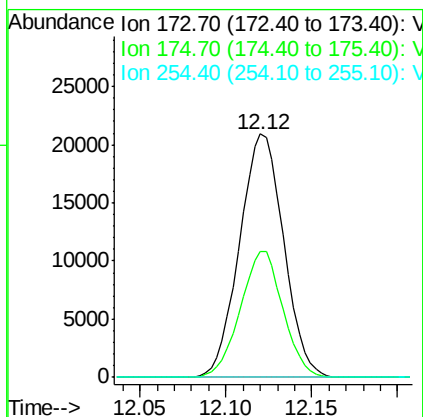
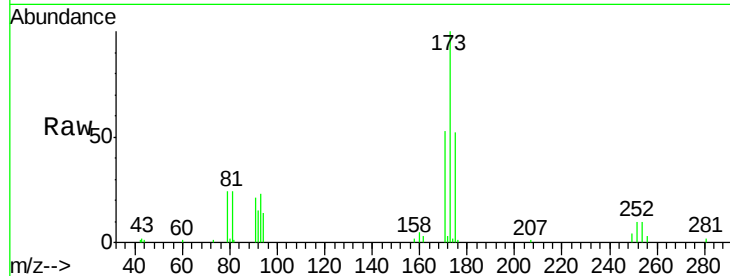
#71
Bromoform
Concen: 24.168 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Instrument :
MSVOA_N
ClientSampleId :
VN0121MBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.1	23.8	71.4
254	0.0	0.0	0.0

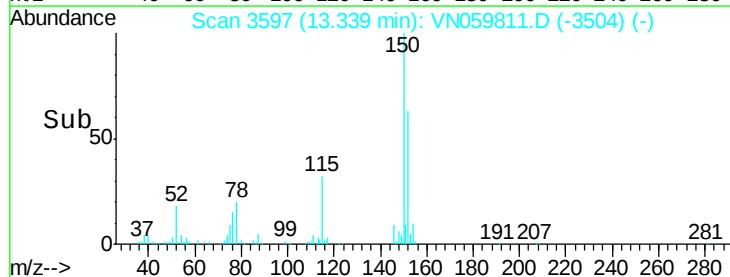
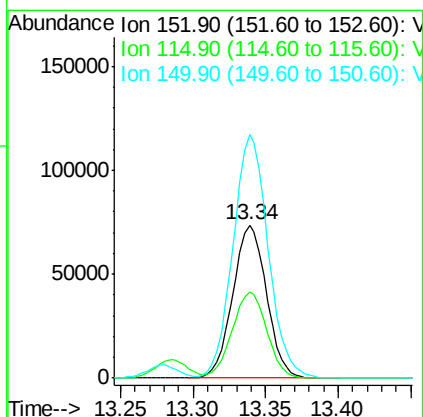
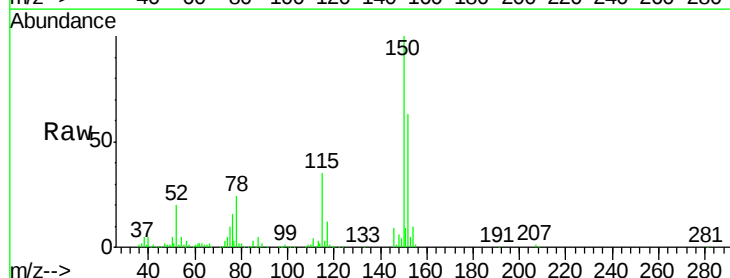
Manual Integrations
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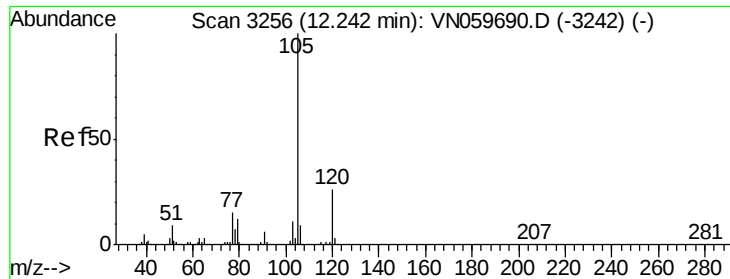
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.5	30.3	90.9
150	165.2	0.0	345.2





#73

Isopropylbenzene

Concen: 24.830 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

Instrument :

MSVOA_N

ClientSampled :

VN0121MBS01

Tot Ion: 105 Resp: 216569

Ion Ratio Lower Upper

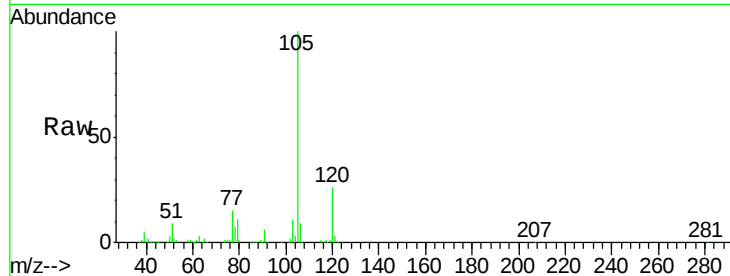
105 100

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

150000

120000

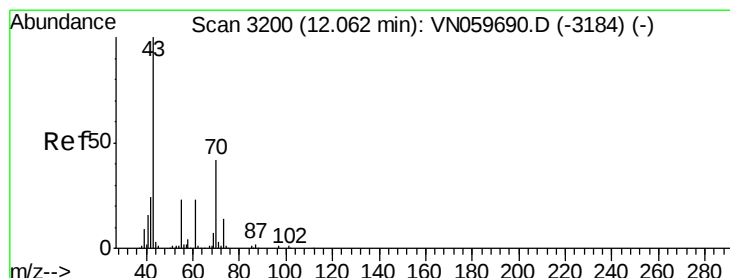
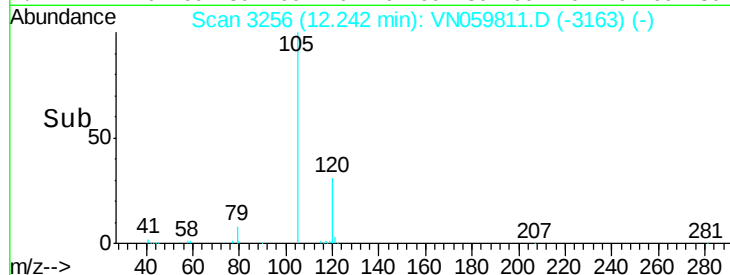
100000

50000

0

12.15 12.20 12.25 12.30

Time-->



#74

N-ethyl acetate

Concen: 21.379 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

Tgt Ion: 43 Resp: 72356

Ion Ratio Lower Upper

43 100

70 44.0 31.3 46.9

55 24.5 19.8 29.6

61 24.8 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

60000

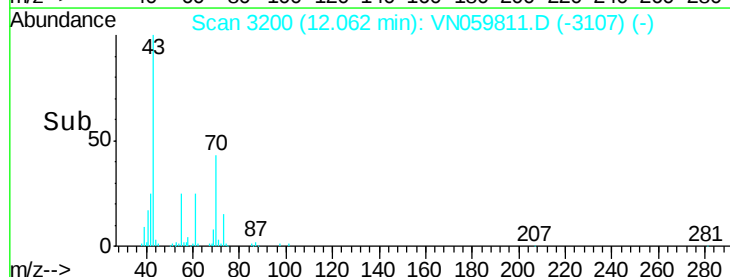
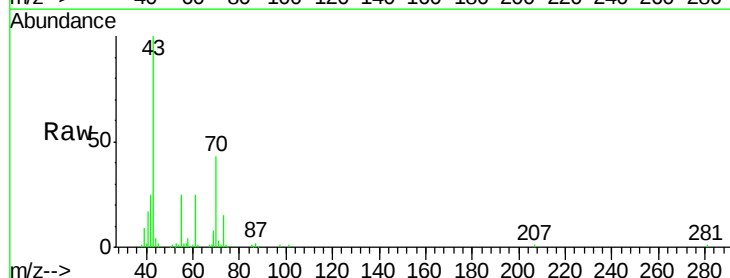
40000

20000

0

12.00 12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 23.160 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

Instrument :

MSVOA_N

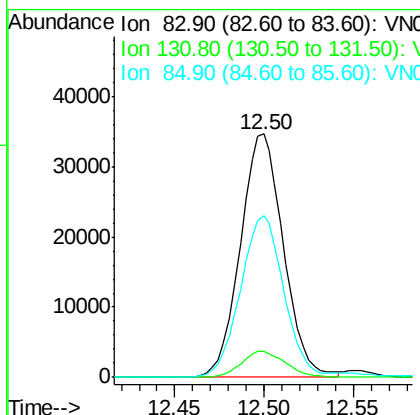
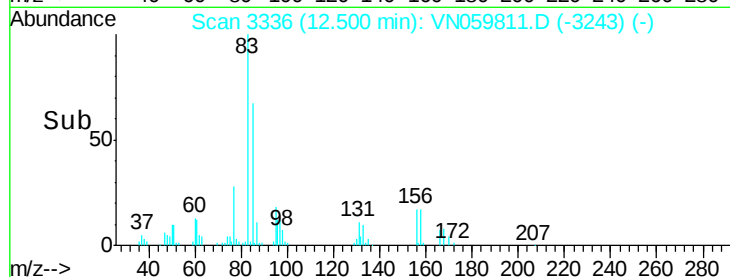
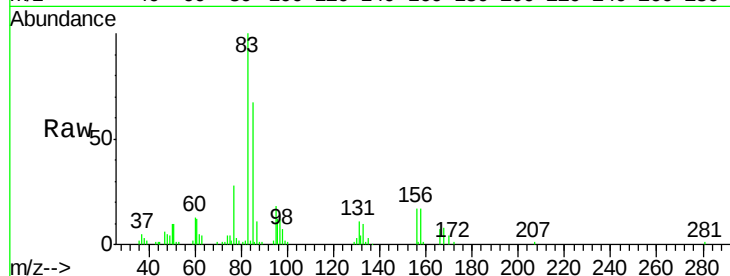
ClientSampleId :

VN0121MBS01

Tot Ion:	83	Resp:	58560
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.0	14.9
85	68.0	31.9	95.5

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#76

1,2,3-Trichloropropane

Concen: 26.366 ug/l m

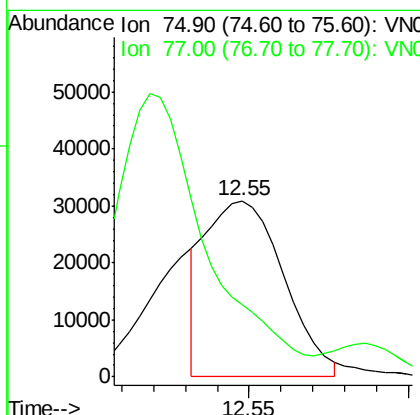
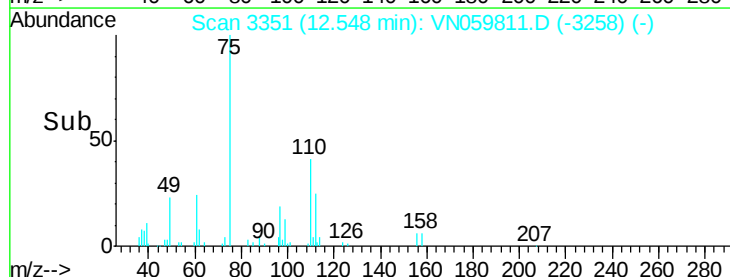
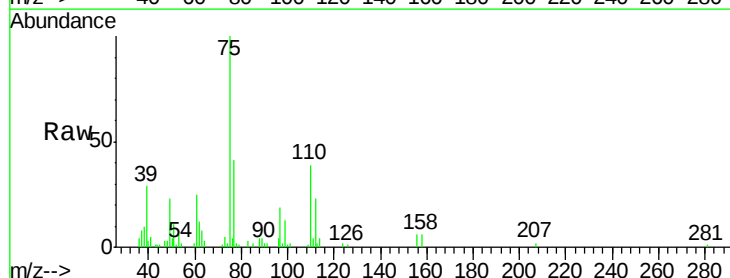
RT: 12.55 min Scan# 3351

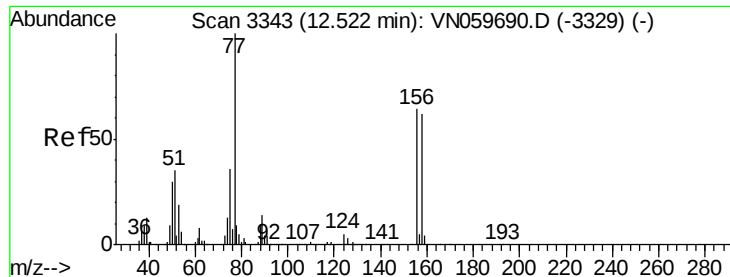
Delta R.T. 0.00 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

Tgt Ion:	75	Resp:	52770
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 25.359 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

Instrument :

MSVOA_N

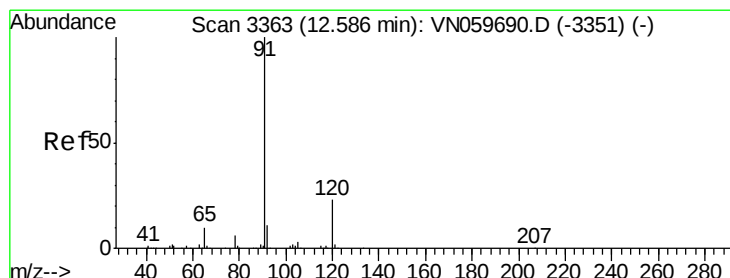
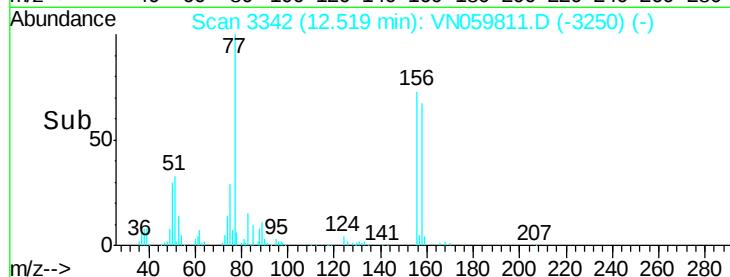
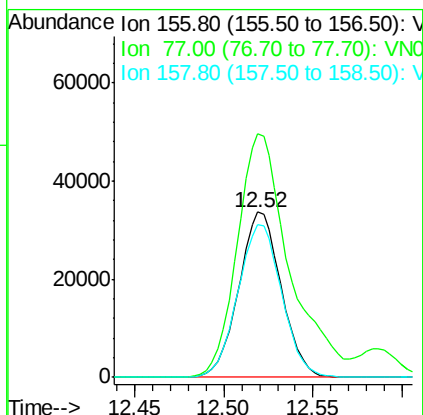
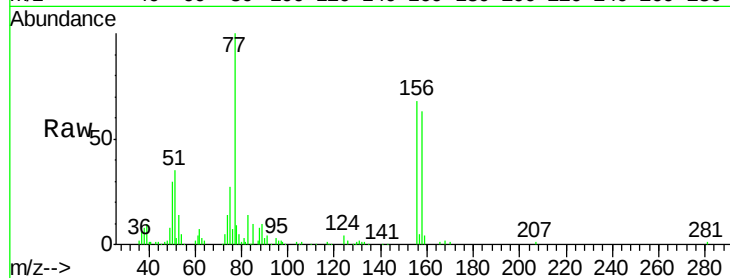
ClientSampleId :

VN0121MBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	181.8	115.8	347.4
158	95.7	49.2	147.6

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#78

n-propylbenzene

Concen: 24.375 ug/l

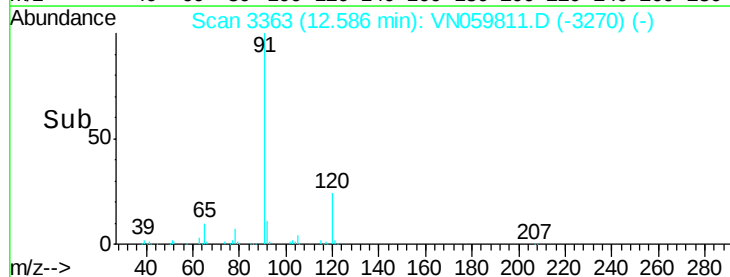
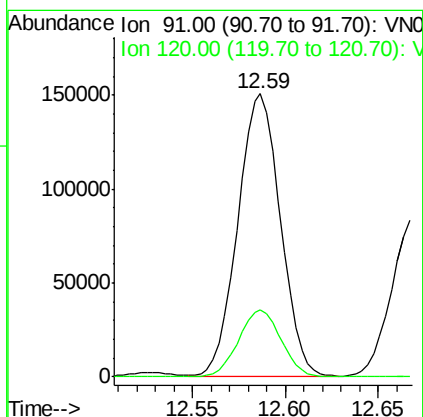
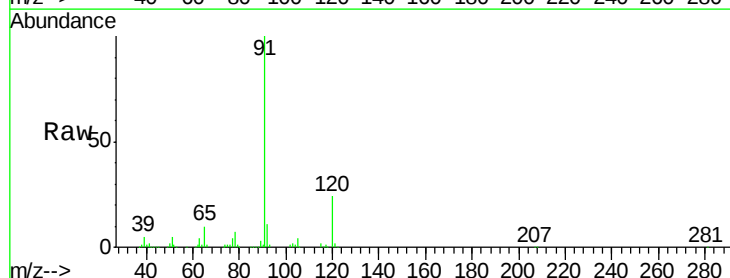
RT: 12.59 min Scan# 3363

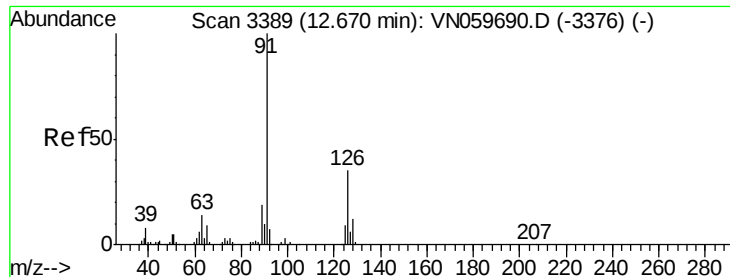
Delta R.T. 0.00 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.1	33.3





#79

2-Chlorotoluene

Concen: 24.333 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

Instrument :

MSVOA_N

ClientSampleId :

VN0121MBS01

Tot Ion: 91 Resp: 141711

Ion Ratio Lower Upper

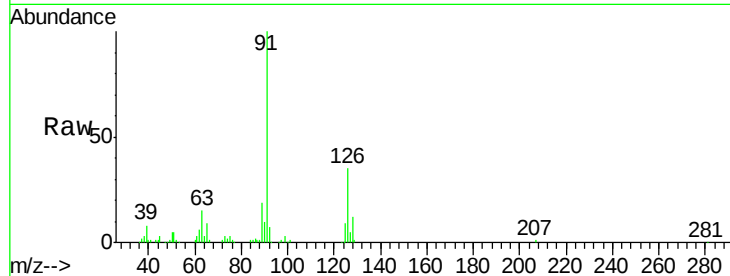
91 100

126 35.2 16.3 48.9

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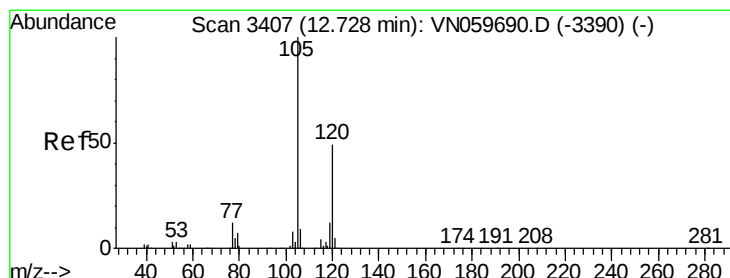
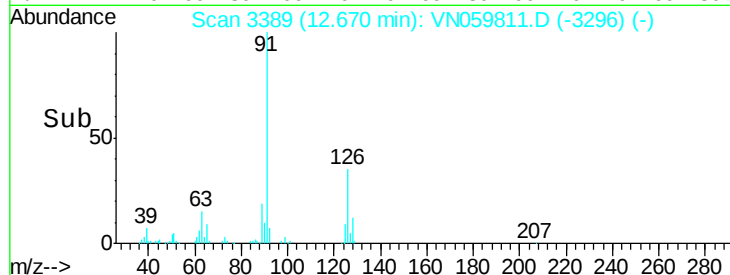
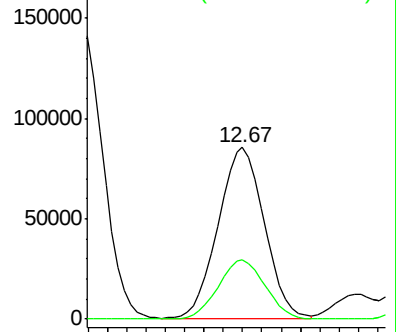
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Abundance Ion 91.00 (90.70 to 91.70): VN059811.D (-3296) (-)

Ion 125.90 (125.60 to 126.60): VN059811.D (-3296) (-)



#80

1,3,5-Trimethylbenzene

Concen: 24.455 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN059811.D

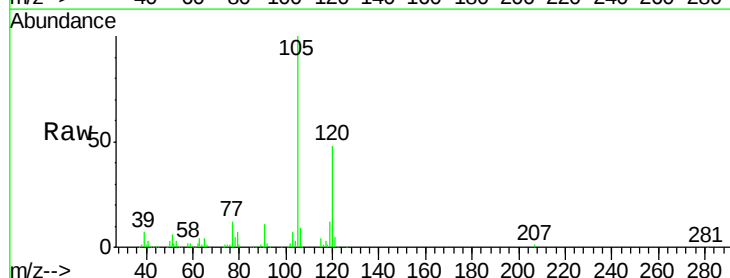
Acq: 21 Jan 2020 15:56

Tgt Ion: 105 Resp: 179380

Ion Ratio Lower Upper

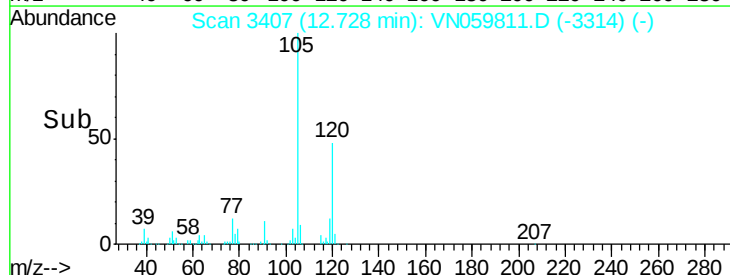
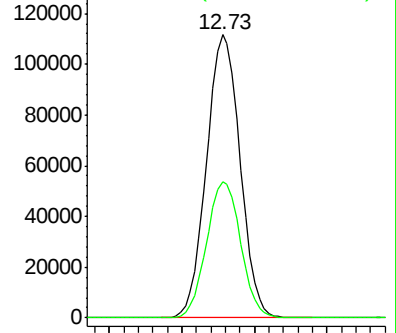
105 100

120 48.8 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN059811.D (-3314) (-)

Ion 120.00 (119.70 to 120.70): VN059811.D (-3314) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 22.952 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN059811.D

Acq: 21 Jan 2020 15:56

Instrument :

MSVOA_N

ClientSampleId :

VN0121MBS01

Tot Ion: 75 Resp: 21391

Ion Ratio Lower Upper

75 100

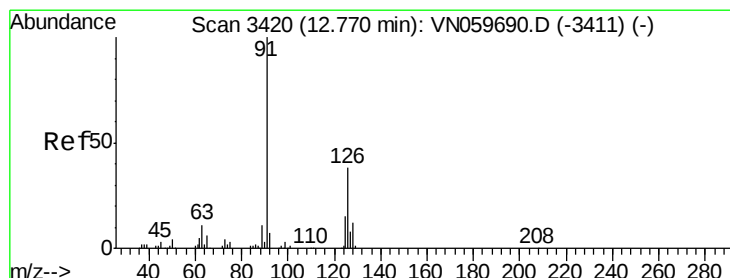
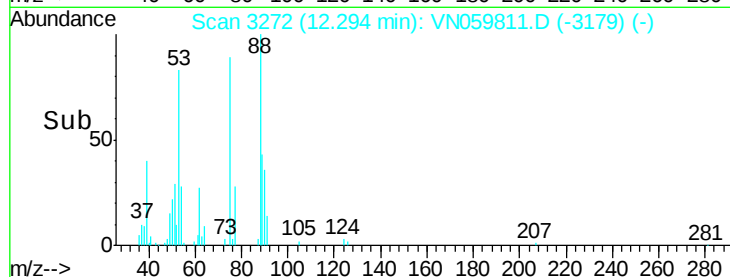
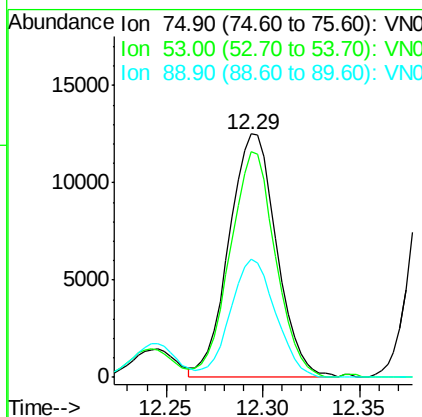
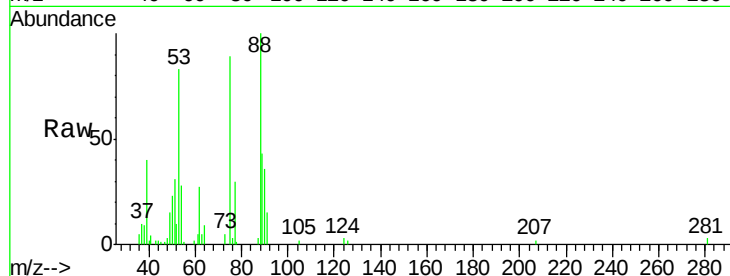
53 88.6 78.1 117.1

89 46.1 35.4 53.2

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#82

4-Chlorotoluene

Concen: 24.814 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN059811.D

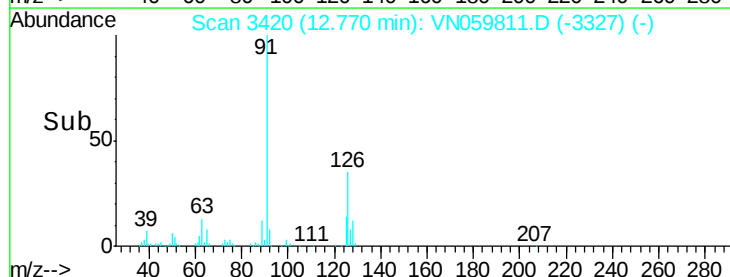
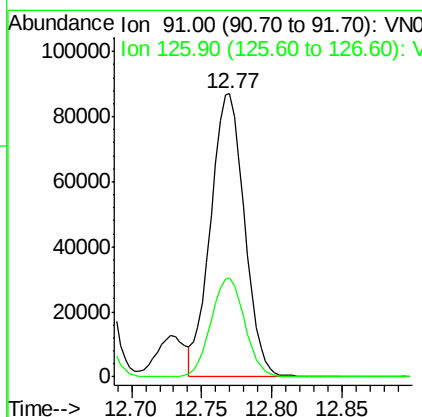
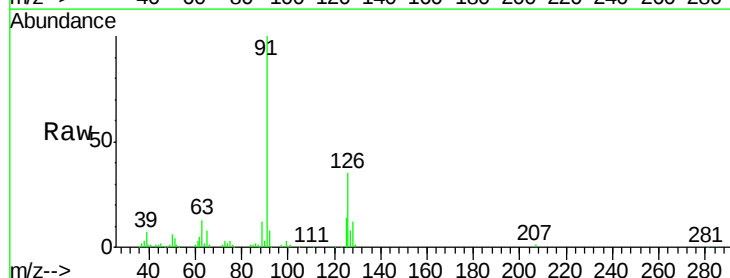
Acq: 21 Jan 2020 15:56

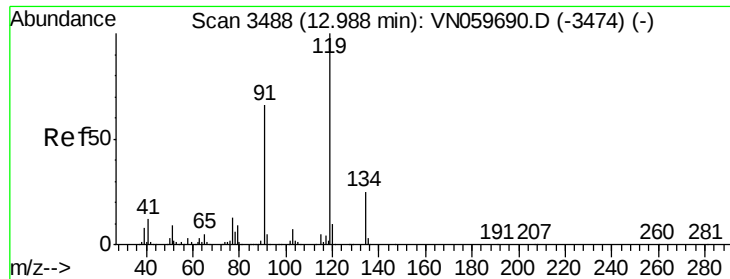
Tgt Ion: 91 Resp: 144949

Ion Ratio Lower Upper

91 100

126 34.7 16.3 48.8





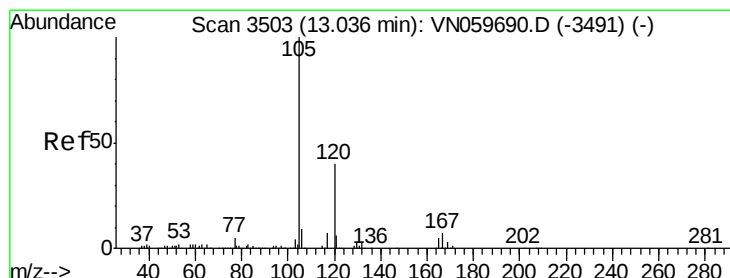
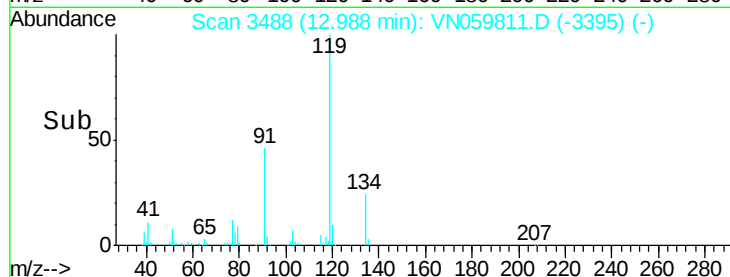
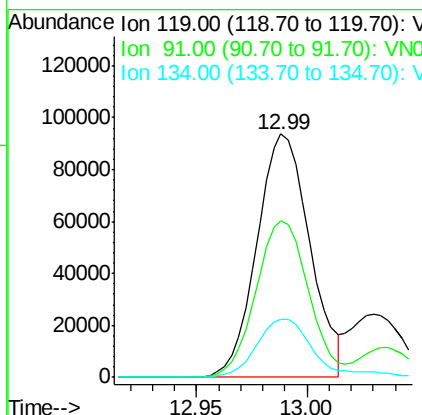
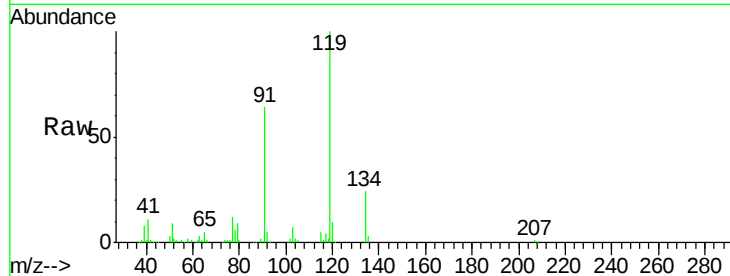
#83
tert-Butylbenzene
Concen: 24.548 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. 0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Instrument :
MSVOA_N
ClientSampleId :
VN0121MBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.1	34.8	104.4
134	26.1	12.3	36.9

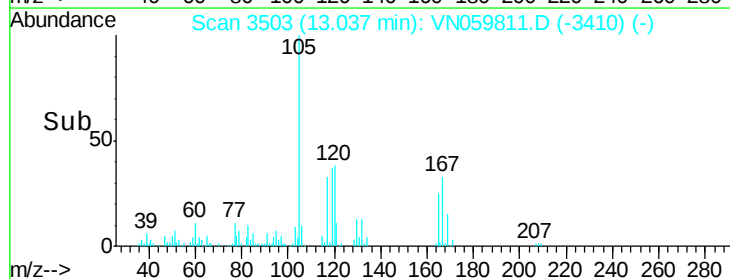
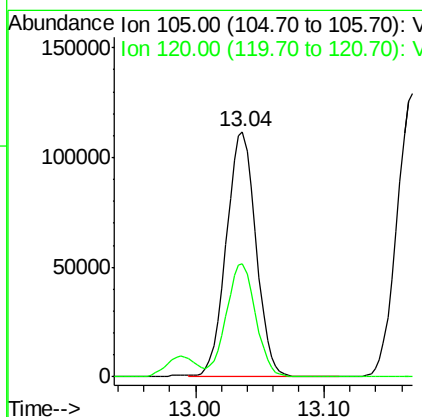
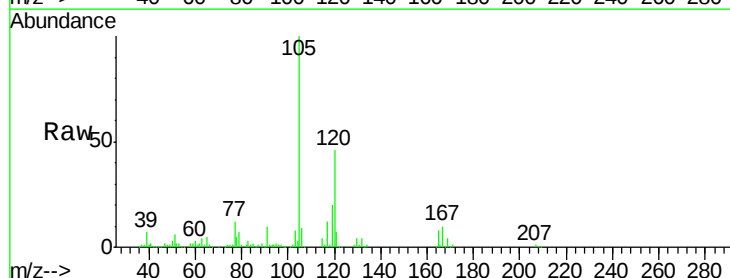
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#84
1,2,4-Trimethylbenzene
Concen: 24.534 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.3	66.9





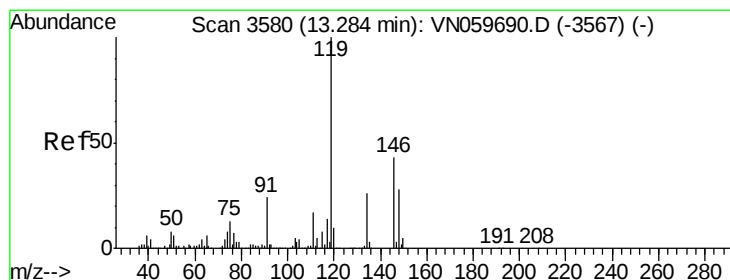
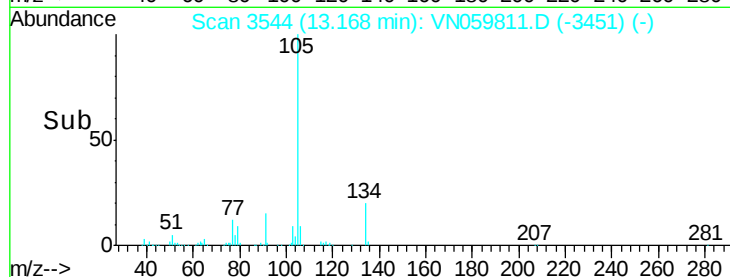
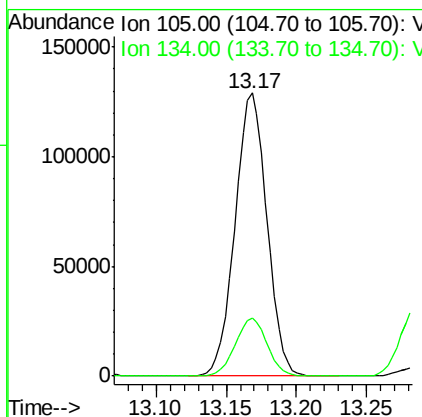
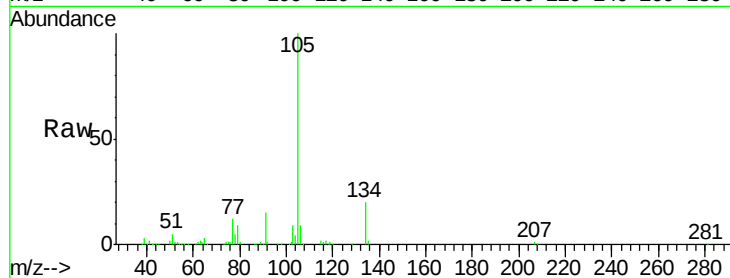
#85
 sec-Butylbenzene
 Concen: 24.551 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN059811.D
 Acq: 21 Jan 2020 15:56

Instrument :
 MSVOA_N
 ClientSampled :
 VN0121MBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	204639		
134	20.3	9.8	29.5	

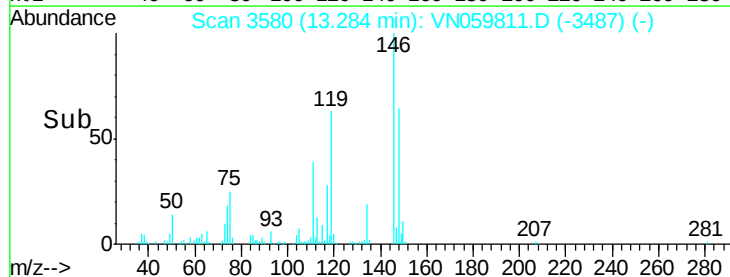
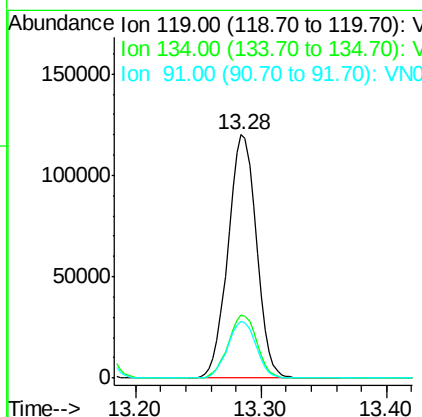
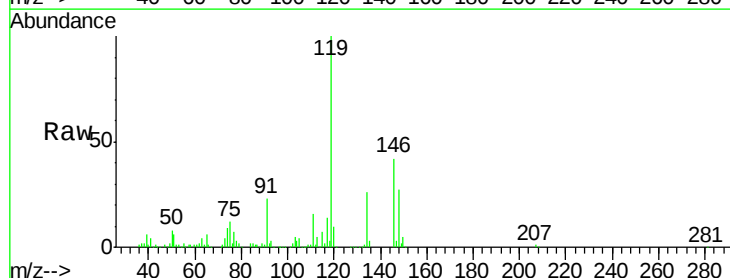
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#86
 p-Isopropyltoluene
 Concen: 24.318 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN059811.D
 Acq: 21 Jan 2020 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	187549		
134	26.2	12.9	38.7	
91	23.5	12.4	37.4	





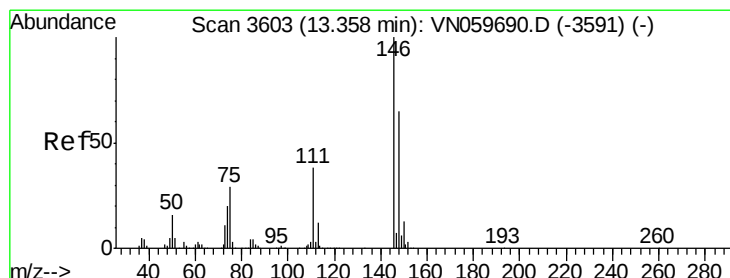
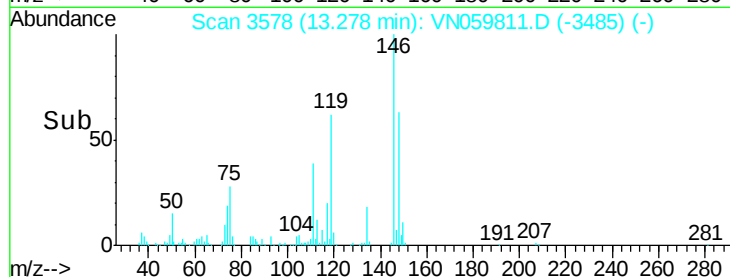
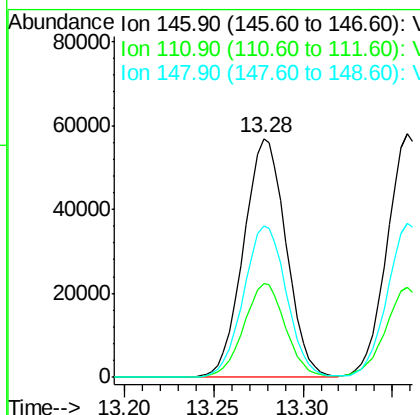
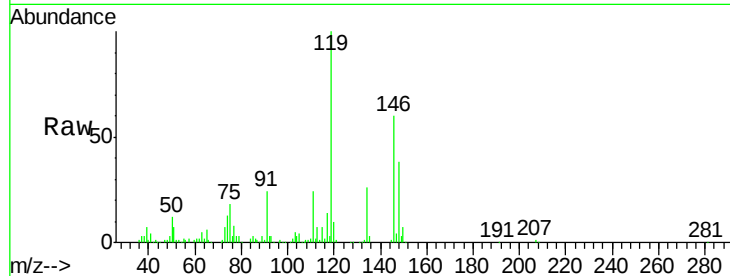
#87
 1,3-Dichlorobenzene
 Concen: 24.781 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN059811.D
 Acq: 21 Jan 2020 15:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	20.8	62.2
148	63.9	32.0	96.0

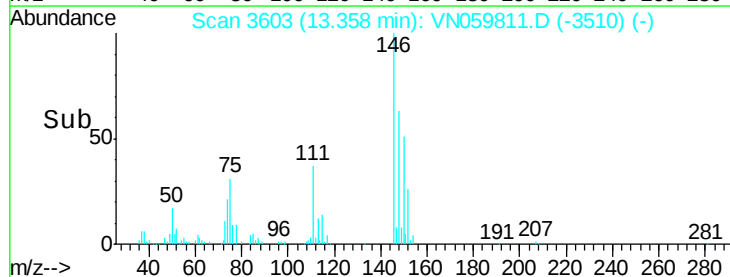
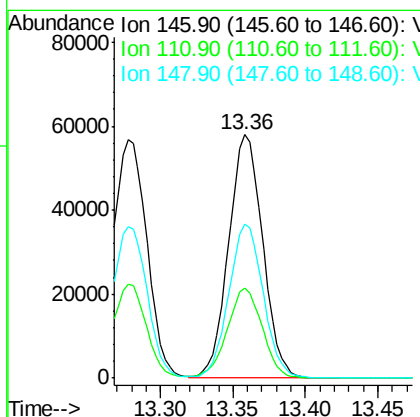
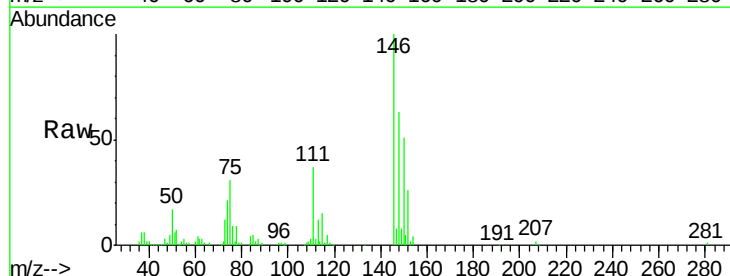
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#88
 1,4-Dichlorobenzene
 Concen: 24.802 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN059811.D
 Acq: 21 Jan 2020 15:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	20.8	62.2
148	63.9	31.8	95.4





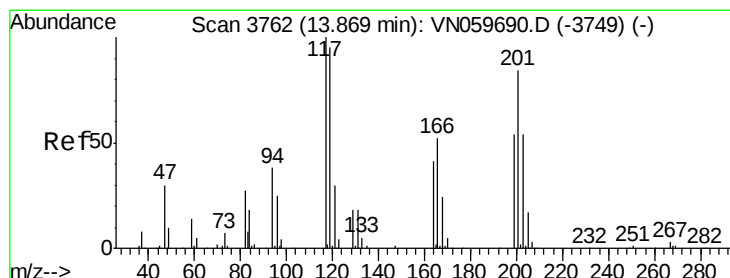
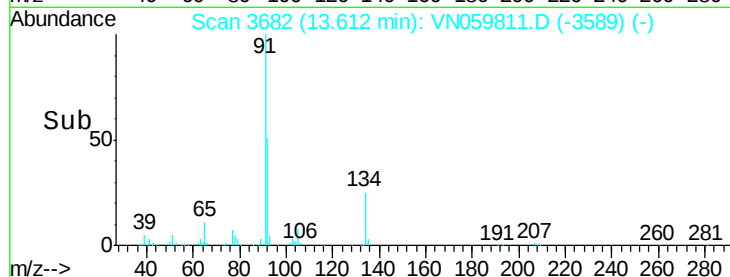
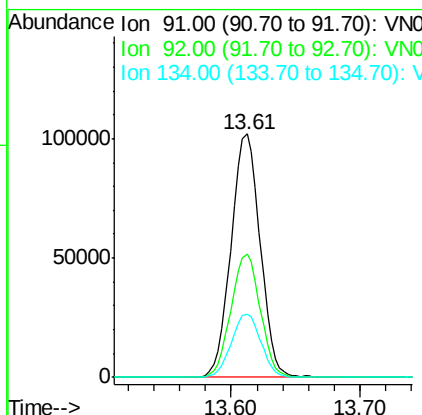
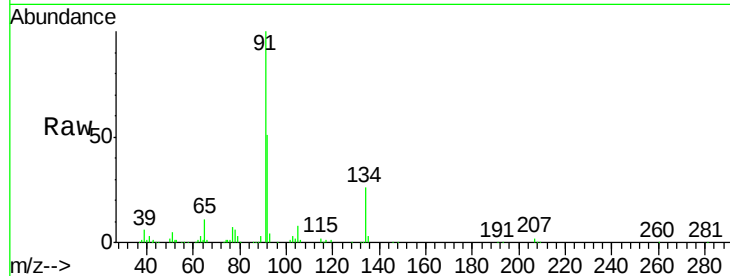
#89
n-Butylbenzene
Concen: 24.344 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Instrument :
MSVOA_N
ClientSampleId :
VN0121MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.9	25.9	77.7
134	26.4	12.3	36.8

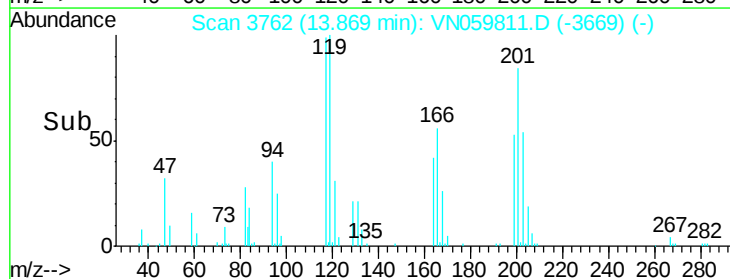
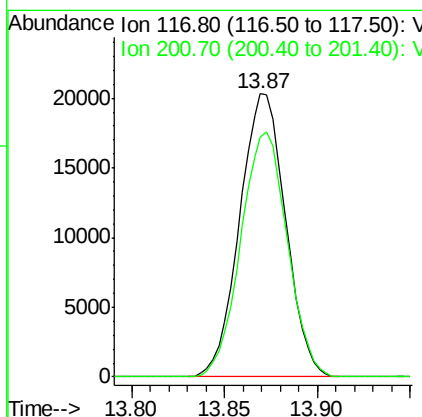
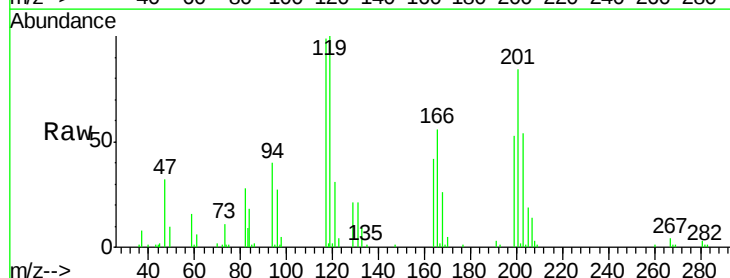
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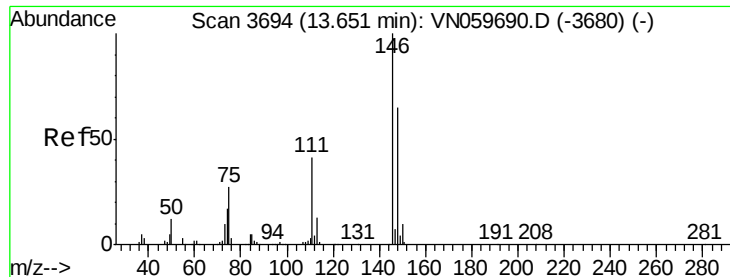
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#90
Hexachloroethane
Concen: 24.164 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. 0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.5	37.8	113.4





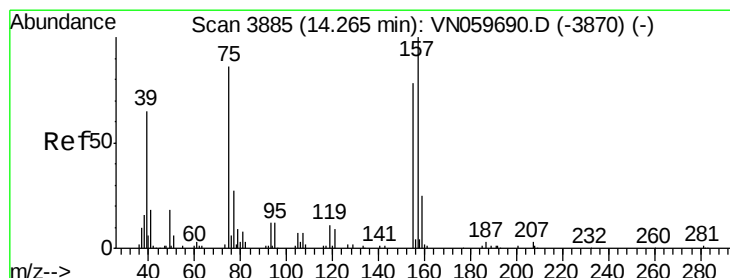
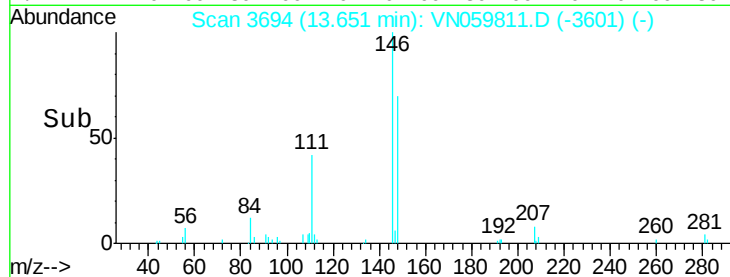
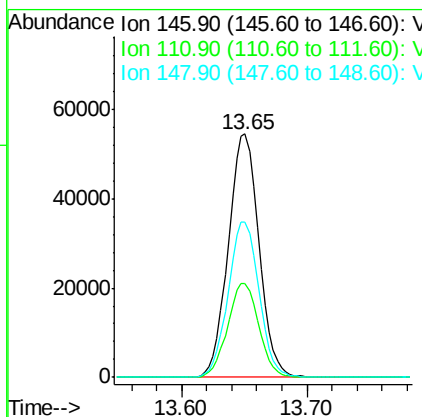
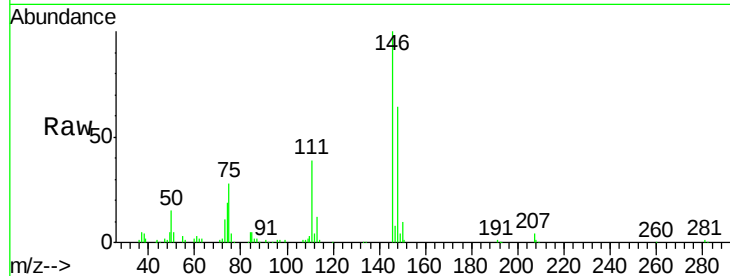
#91
 1,2-Dichlorobenzene
 Concen: 24.349 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN059811.D
 Acq: 21 Jan 2020 15:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	21.6	64.8
148	64.5	31.6	95.0

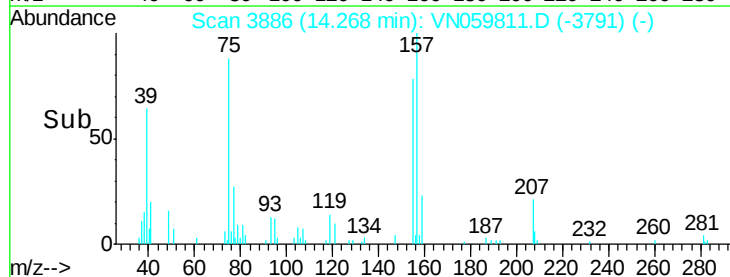
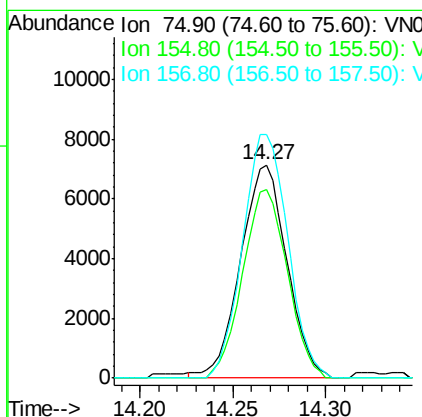
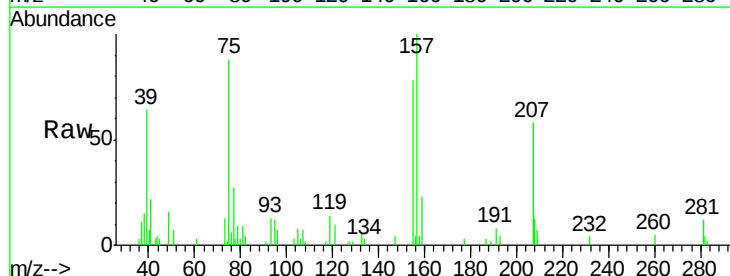
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.603 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN059811.D
 Acq: 21 Jan 2020 15:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.3	37.0	110.9
157	111.7	48.4	145.2





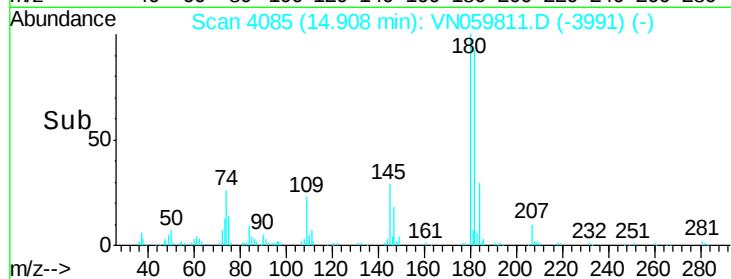
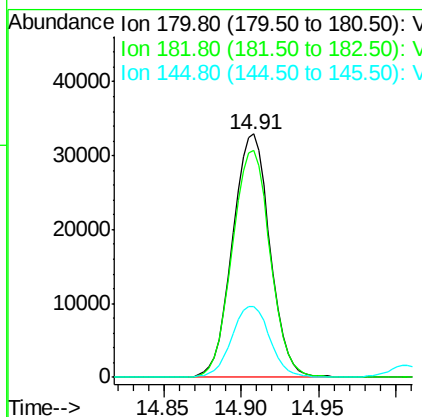
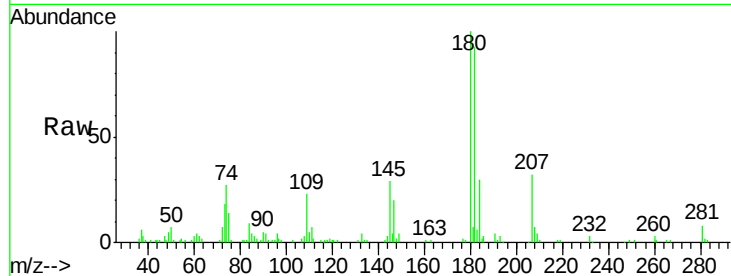
#93
 1,2,4-Trichlorobenzene
 Concen: 24.212 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN059811.D
 Acq: 21 Jan 2020 15:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121MBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	46.9	140.7
145	29.8	15.0	45.1

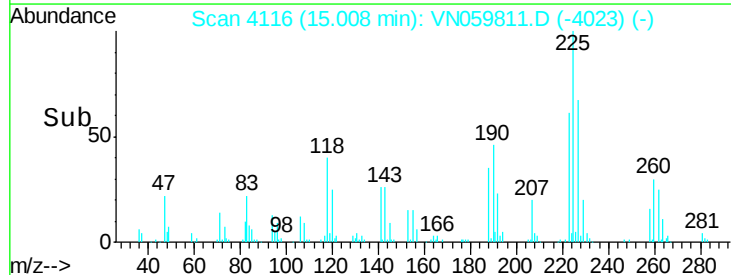
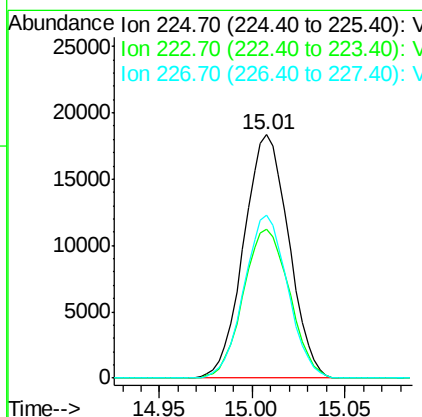
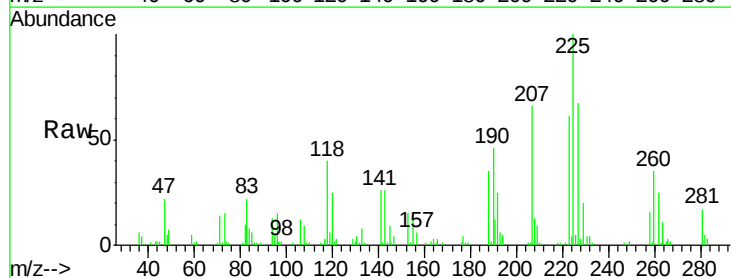
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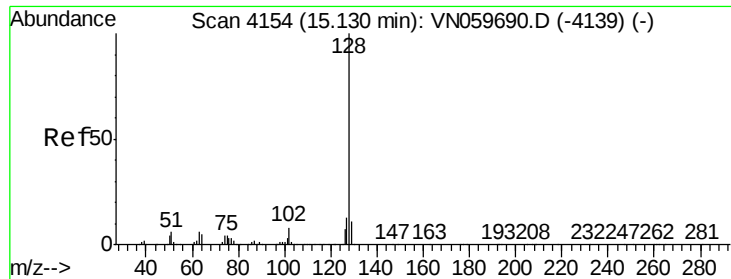
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#94
 Hexachlorobutadiene
 Concen: 24.595 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059811.D
 Acq: 21 Jan 2020 15:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.8	95.3
227	64.7	32.1	96.5





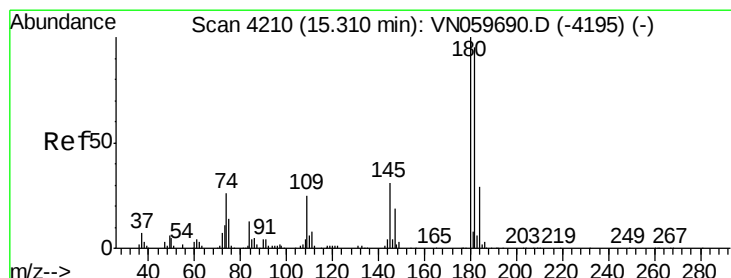
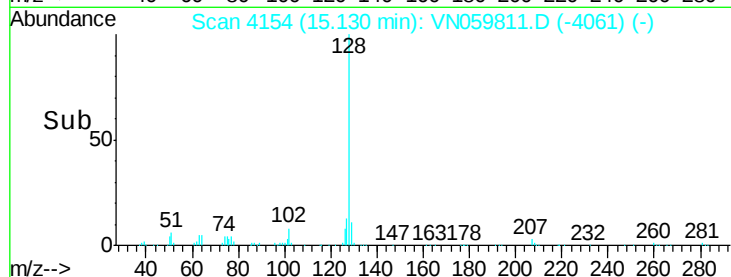
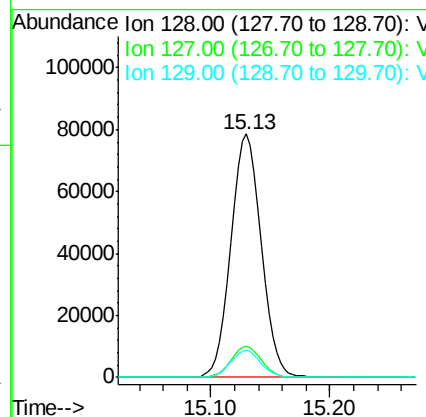
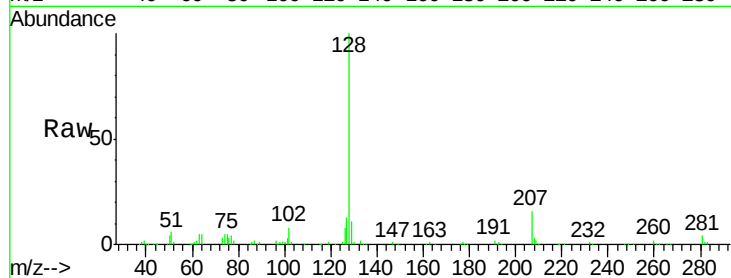
#95
Naphthalene
Concen: 21.419 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Instrument :
MSVOA_N
ClientSampleId :
VN0121MBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.4	15.6
129	11.1	8.6	12.8

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#96
1,2,3-Trichlorobenzene
Concen: 23.417 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN059811.D
Acq: 21 Jan 2020 15:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.4	142.3
145	32.1	16.3	48.9

