

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012120\
 Data File : VN059812.D
 Acq On : 21 Jan 2020 16:34
 Operator : JC/MD
 Sample : VN0121MBS02
 Misc : 5.00µg/10µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121MBS02

Manual Integrations
 APPROVED

MMDadoda
 1/22/2020 11:15:05 AM

Quant Time: Jan 22 03:37:22 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	220809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	333789	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	300483	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	140432	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	106175	43.30	ug/l	0.00
Spiked Amount			Recovery	=	86.60%	
35) Dibromofluoromethane	7.56	113	91127	45.78	ug/l	0.00
Spiked Amount			Recovery	=	91.56%	
50) Toluene-d8	10.08	98	344540	44.67	ug/l	0.00
Spiked Amount			Recovery	=	89.34%	
62) 4-Bromofluorobenzene	12.40	95	119649	43.03	ug/l	0.00
Spiked Amount			Recovery	=	86.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	41625	15.630	ug/l	100
3) Chloromethane	2.04	50	38742	15.325	ug/l	99
4) Vinyl Chloride	2.17	62	49183	17.004	ug/l	97
5) Bromomethane	2.54	94	30411	17.228	ug/l	98
6) Chloroethane	2.68	64	22273	16.276	ug/l	96
7) Trichlorofluoromethane	3.00	101	57796	16.638	ug/l	96
8) Diethyl Ether	3.38	74	19910	16.332	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	3.74	101	34161	17.670	ug/l	92
10) Methyl Iodide	3.93	142	49346	15.791	ug/l	95
11) Tert butyl alcohol	4.73	59	32025	77.579	ug/l	99
12) 1,1-Dichloroethene	3.72	96	32095	15.887	ug/l	88
13) Acrolein	3.58	56	11885	40.672	ug/l	94
14) Allyl chloride	4.30	41	48369	17.763	ug/l #	95
15) Acrylonitrile	4.94	53	74821	79.458	ug/l	98
16) Acetone	3.78	43	75785	83.965	ug/l	93
17) Carbon Disulfide	4.03	76	86800	15.083	ug/l	99
18) Methyl Acetate	4.29	43	45475	15.877	ug/l #	90
19) Methyl tert-butyl Ether	5.00	73	107945	16.388	ug/l	95
20) Methylene Chloride	4.52	84	37849	16.185	ug/l	86
21) trans-1,2-Dichloroethene	5.01	96	34572	16.099	ug/l	89
22) Diisopropyl ether	5.91	45	98594	15.978	ug/l #	96
23) Vinyl Acetate	5.86	43	380696	79.683	ug/l #	95
24) 1,1-Dichloroethane	5.82	63	60846	16.138	ug/l	97
25) 2-Butanone	6.80	43	101729	73.258	ug/l	90
26) 2,2-Dichloropropane	6.80	77	59294	16.358	ug/l	95
27) cis-1,2-Dichloroethene	6.80	96	41247	16.700	ug/l	87
28) Bromochloromethane	7.17	49	31032	20.592	ug/l #	70
29) Tetrahydrofuran	7.18	42	62891	73.199	ug/l #	86
30) Chloroform	7.35	83	64280	16.454	ug/l	99
31) Cyclohexane	7.63	56	54866	15.122	ug/l #	84
32) 1,1,1-Trichloroethane	7.54	97	60229	16.674	ug/l	94
36) 1,1-Dichloropropene	7.77	75	47030	16.180	ug/l	96
37) Ethyl Acetate	6.89	43	41463	15.209	ug/l	96
38) Carbon Tetrachloride	7.75	117	53167	16.815	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	58437	16.304	ug/l	90
40) Benzene	8.02	78	141994	16.380	ug/l	100
41) Methacrylonitrile	7.14	41	16009	11.922	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	49755	16.928	ug/l	97
43) Isopropyl Acetate	8.14	43	71101	15.162	ug/l #	94
44) Trichloroethene	8.82	130	41563	17.563	ug/l	95
45) 1,2-Dichloropropane	9.10	63	36010	16.787	ug/l	99
46) Dibromomethane	9.19	93	25405	16.789	ug/l	90
47) Bromodichloromethane	9.38	83	52196	17.117	ug/l	96
48) Methyl methacrylate	9.18	41	29872	14.242	ug/l #	84
49) 1,4-Dioxane	9.18	88	13388	348.663	ug/l	90
51) 4-Methyl-2-Pentanone	9.97	43	205055	75.645	ug/l	94
52) Toluene	10.14	92	93505	17.076	ug/l	97
53) t-1,3-Dichloropropene	10.37	75	56253	16.521	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	60873	16.992	ug/l	92
55) 1,1,2-Trichloroethane	10.55	97	36395	16.782	ug/l	95
56) Ethyl methacrylate	10.42	69	52004	15.693	ug/l	91
57) 1,3-Dichloropropane	10.70	76	58535	17.001	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	67090	67.216	ug/l	91
59) 2-Hexanone	10.74	43	150377	75.301	ug/l	95
60) Dibromochloromethane	10.89	129	41819	16.933	ug/l	100
61) 1,2-Dibromoethane	10.99	107	37528	16.510	ug/l	99
64) Tetrachloroethene	10.62	164	41388	16.900	ug/l	97
65) Chlorobenzene	11.43	112	99983	16.929	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	39228	17.189	ug/l	100
67) Ethyl Benzene	11.50	91	178188	16.620	ug/l	97
68) m/p-Xylenes	11.62	106	135383	33.428	ug/l	93
69) o-Xylene	11.94	106	66313	16.725	ug/l	93
70) Styrene	11.96	104	106403	16.037	ug/l	96
71) Bromoform	12.12	173	31215	17.076	ug/l #	99
73) Isopropylbenzene	12.25	105	176997	17.186	ug/l	99
74) N-amyl acetate	12.06	43	58589	14.660	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.50	83	48855	16.363	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	43663m	18.475	ug/l	
77) Bromobenzene	12.52	156	45186	17.325	ug/l	79
78) n-propylbenzene	12.59	91	193677	16.754	ug/l	96
79) 2-Chlorotoluene	12.67	91	115893	16.852	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	146788	16.947	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	17653	16.041	ug/l	92
82) 4-Chlorotoluene	12.77	91	117276	17.002	ug/l	96
83) tert-Butylbenzene	12.99	119	127466	17.015	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	146603	17.108	ug/l	99
85) sec-Butylbenzene	13.17	105	165779	16.843	ug/l	99
86) p-Isopropyltoluene	13.28	119	153578	16.864	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	78196	17.260	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	77543	17.157	ug/l	98
89) n-Butylbenzene	13.61	91	128984	16.611	ug/l	98
90) Hexachloroethane	13.87	117	28350	16.638	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	76529	17.087	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.26	75	10195	14.422	ug/l	79

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	45524	16.915	ug/l	99
94) Hexachlorobutadiene	15.01	225	25469	17.173	ug/l	99
95) Naphthalene	15.13	128	117317	15.325	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	42804	16.340	ug/l	98

(#) = 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: VN059812.D

Acq: 21 Jan 2020 16:34

Instrument :

MSVOA_N

ClientSampled :

VN0121MBS02

Tot Ion:168 Resp: 220809

Ion Ratio Lower Upper

168 100

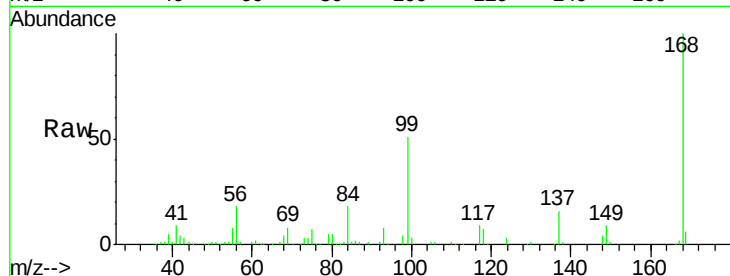
99 51.2 48.2 72.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

100000

80000

60000

40000

20000

0

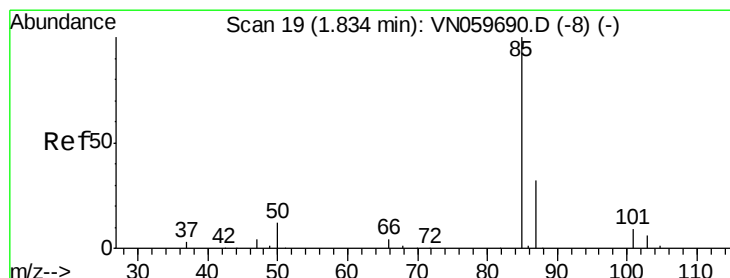
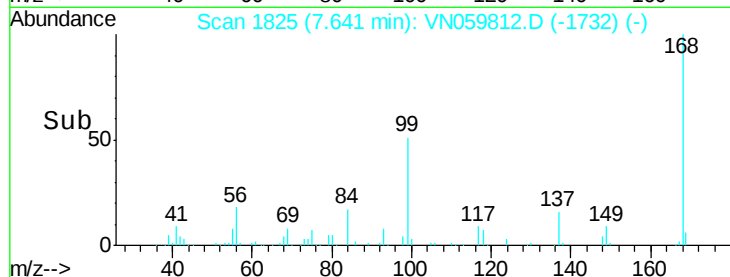
Time-->

7.50

7.60

7.70

7.80



#2

Dichlorodifluoromethane

Concen: 15.630 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059812.D

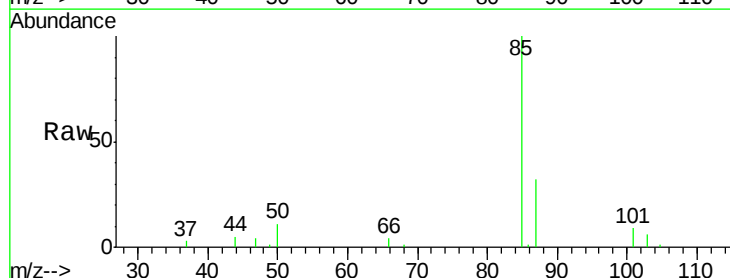
Acq: 21 Jan 2020 16:34

Tgt Ion: 85 Resp: 41625

Ion Ratio Lower Upper

85 100

87 31.9 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

30000

20000

10000

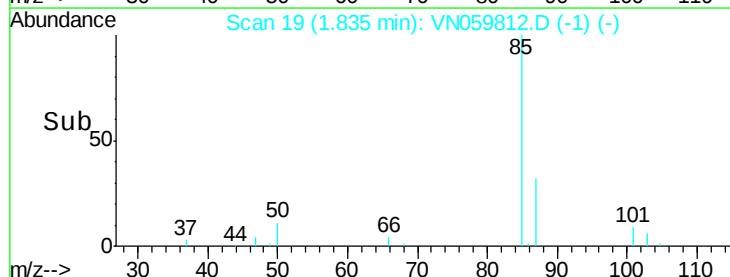
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Time-->

1.80

1.85

1.90





#3

Chloromethane

Concen: 15.325 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN059812.D

Acq: 21 Jan 2020 16:34

Instrument :

MSVOA_N

ClientSampleId :

VN0121MBS02

Tot Ion: 50 Resp: 38742

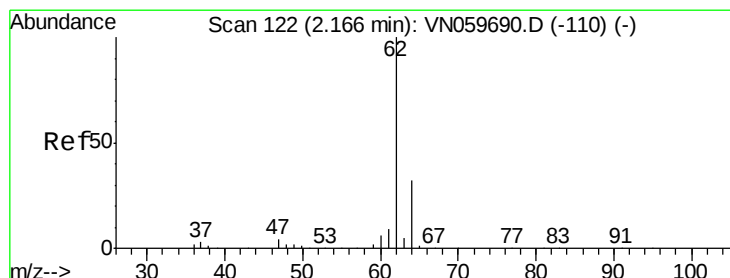
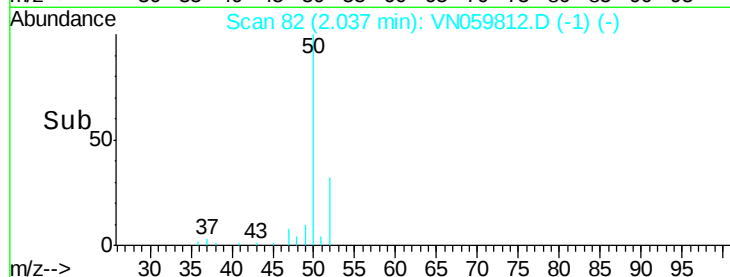
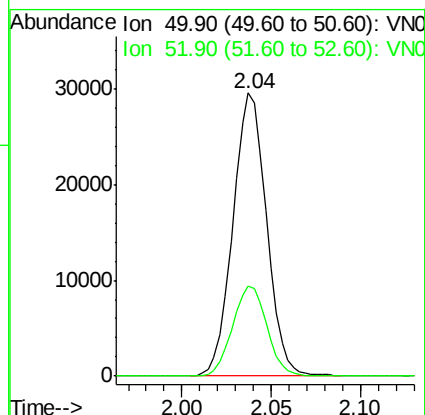
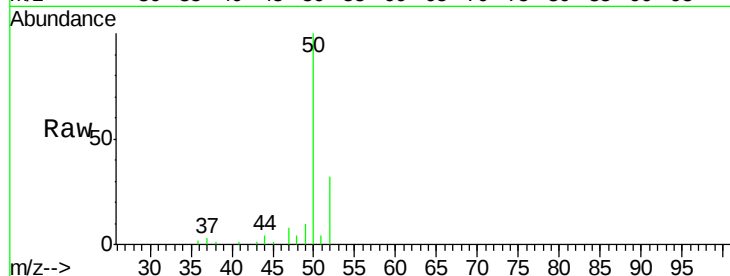
Ion Ratio Lower Upper

50 100

52 31.7 25.9 38.9

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#4

Vinyl Chloride

Concen: 17.004 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059812.D

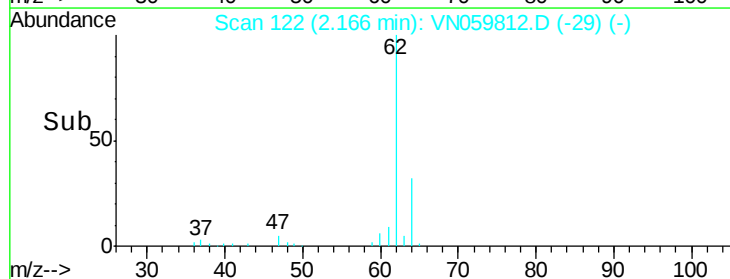
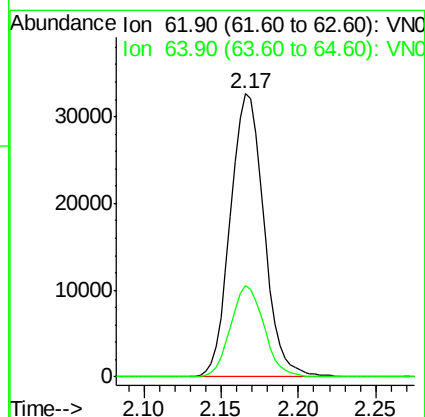
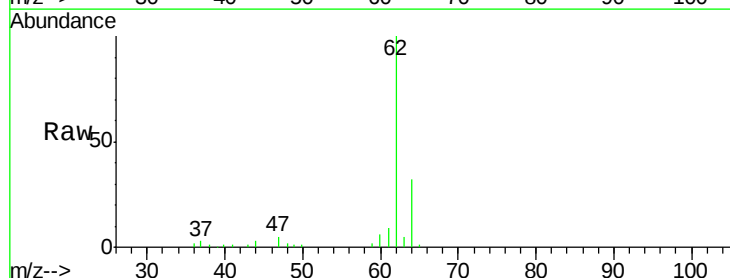
Acq: 21 Jan 2020 16:34

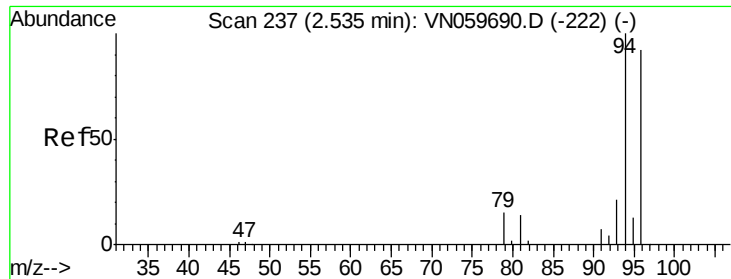
Tgt Ion: 62 Resp: 49183

Ion Ratio Lower Upper

62 100

64 32.3 24.6 37.0





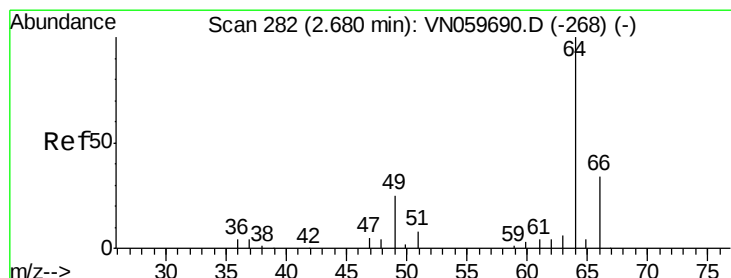
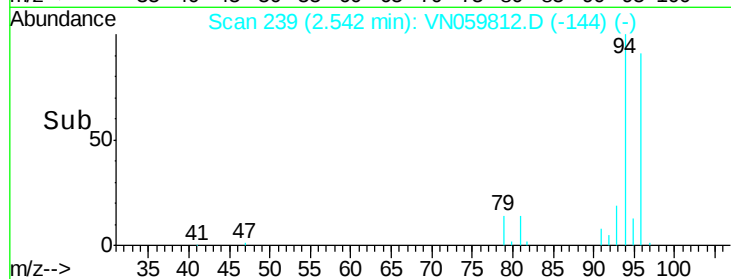
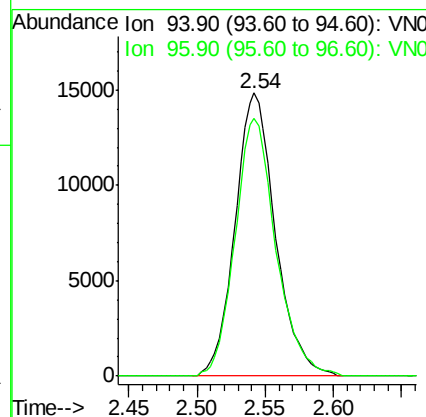
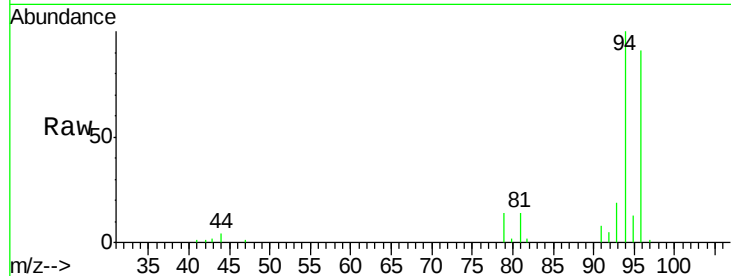
#5
Bromomethane
Concen: 17.228 ug/l
RT: 2.54 min Scan# 239
Delta R.T. 0.01 min
Lab File: VN059812.D
Acq: 21 Jan 2020 16:34

Instrument :
MSVOA_N
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Tot Ion: 94 Resp: 30411
Ion Ratio Lower Upper
94 100
96 91.3 74.7 112.1

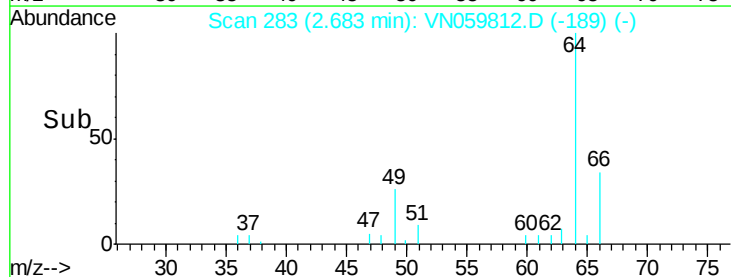
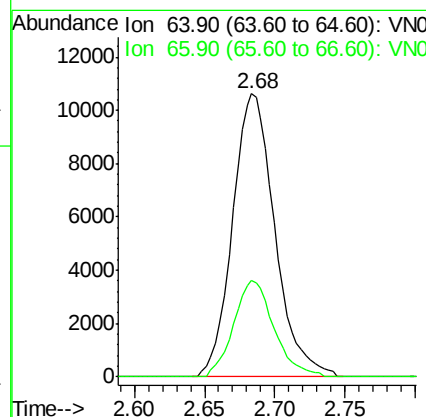
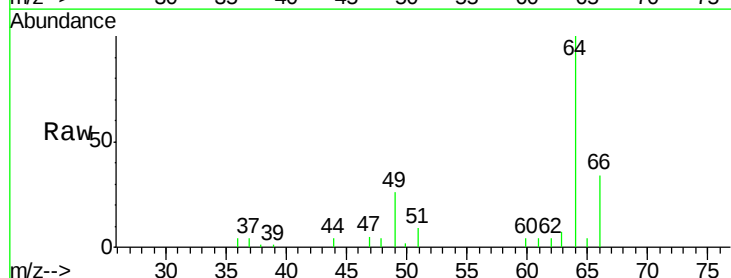
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#6
Chloroethane
Concen: 16.276 ug/l
RT: 2.68 min Scan# 283
Delta R.T. 0.00 min
Lab File: VN059812.D
Acq: 21 Jan 2020 16:34

Tgt Ion: 64 Resp: 22273
Ion Ratio Lower Upper
64 100
66 33.9 25.1 37.7





#7

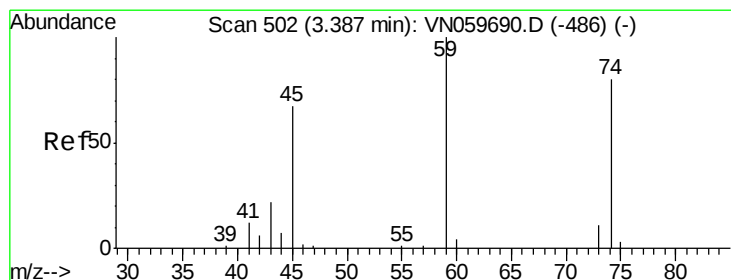
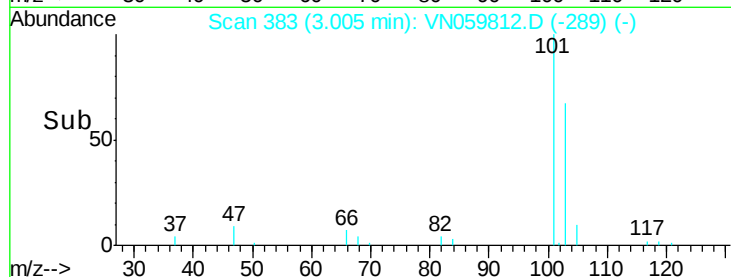
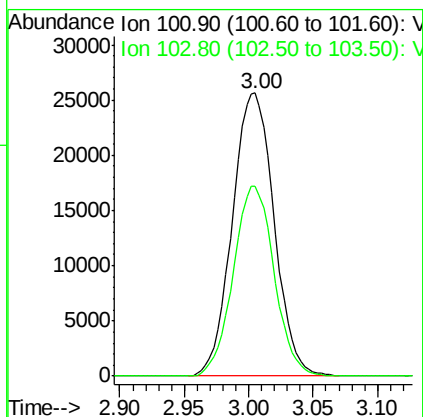
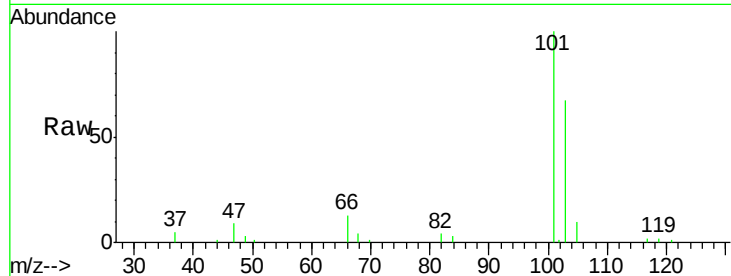
Trichlorofluoromethane
Concen: 16.638 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN059812.D
Acq: 21 Jan 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :
VN0121MBS02

Tot Ion:101 Resp: 57796
Ion Ratio Lower Upper
101 100
103 66.9 51.0 76.6

Manual Integrations
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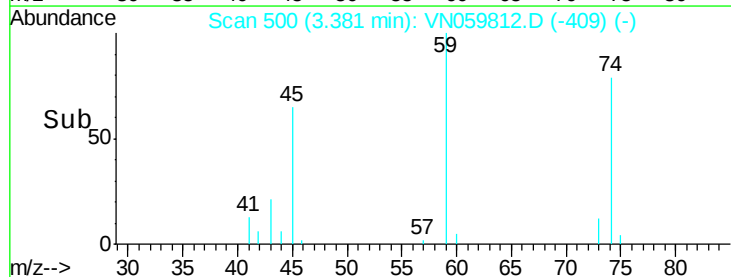
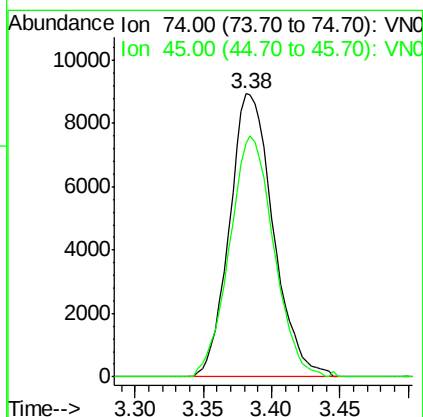
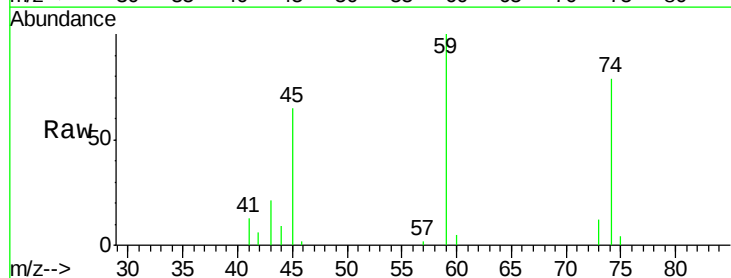
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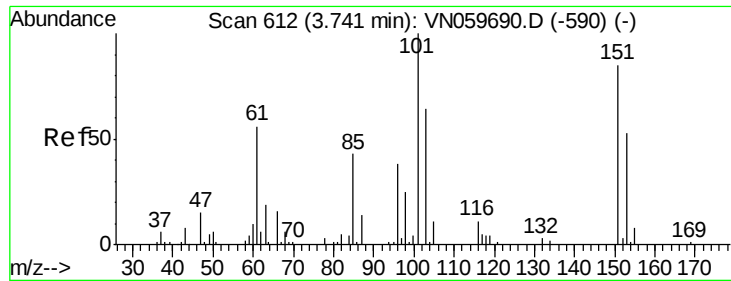


#8

Diethyl Ether
Concen: 16.332 ug/l
RT: 3.38 min Scan# 500
Delta R.T. -0.01 min
Lab File: VN059812.D
Acq: 21 Jan 2020 16:34

Tgt Ion: 74 Resp: 19910
Ion Ratio Lower Upper
74 100
45 85.8 51.9 155.8





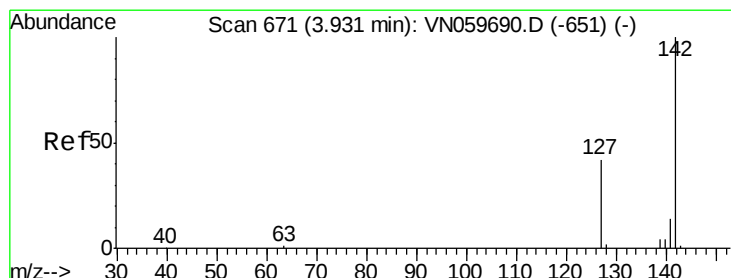
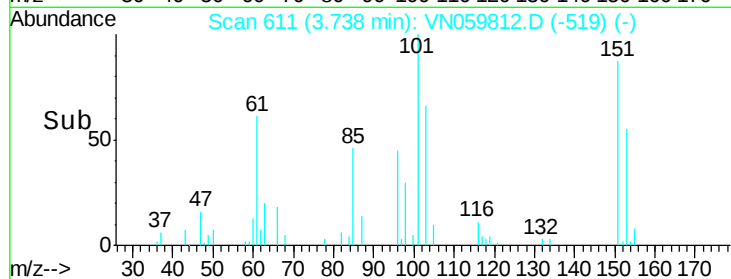
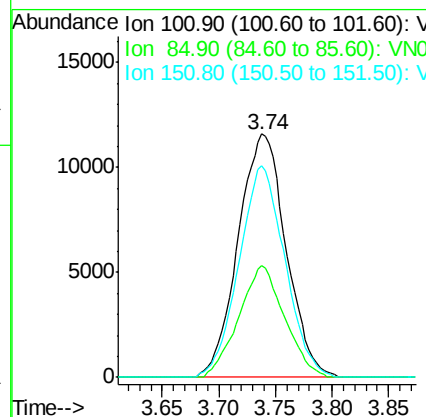
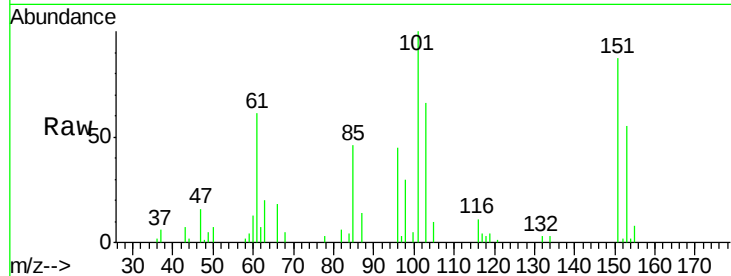
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.670 ug/l
RT: 3.74 min Scan# 611
Delta R.T. -0.00 min
Lab File: VN059812.D
Acq: 21 Jan 2020 16:34

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
85	43.7	36.6	54.8
151	83.5	59.7	89.5

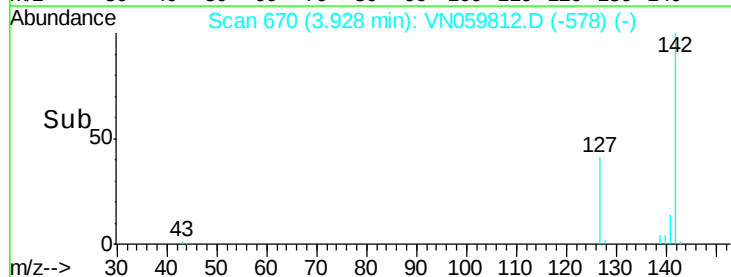
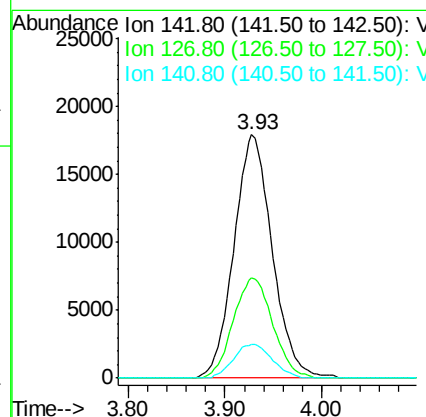
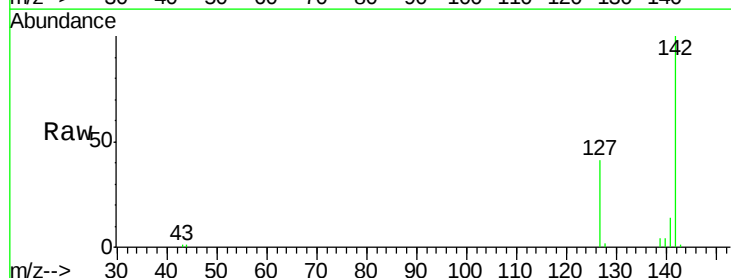
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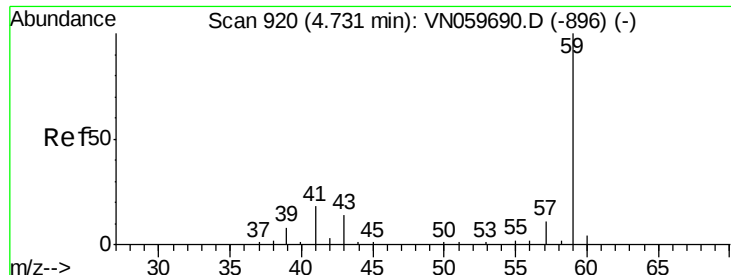
MMDadoda
1/22/2020 11:15:05 AM



#10
Methyl Iodide
Concen: 15.791 ug/l
RT: 3.93 min Scan# 670
Delta R.T. -0.00 min
Lab File: VN059812.D
Acq: 21 Jan 2020 16:34

Tgt Ion	Ratio	Lower	Upper
142	100		
127	42.2	36.7	55.1
141	14.0	11.7	17.5





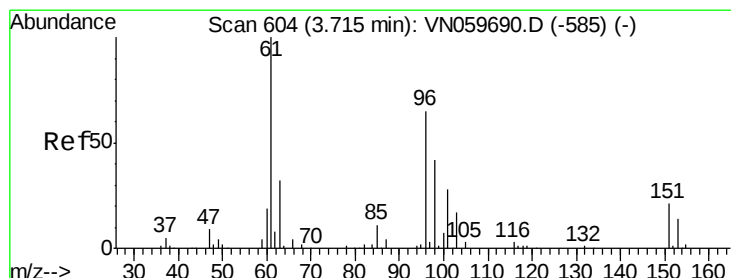
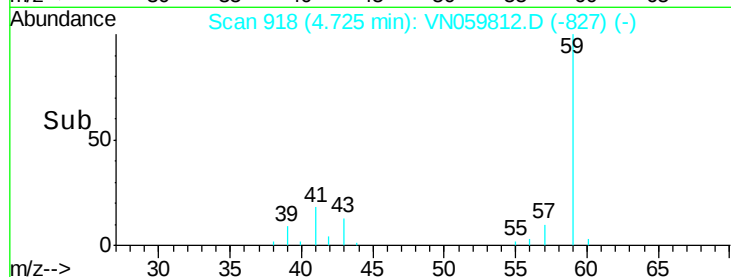
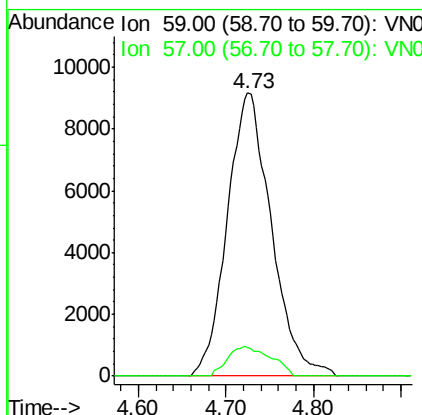
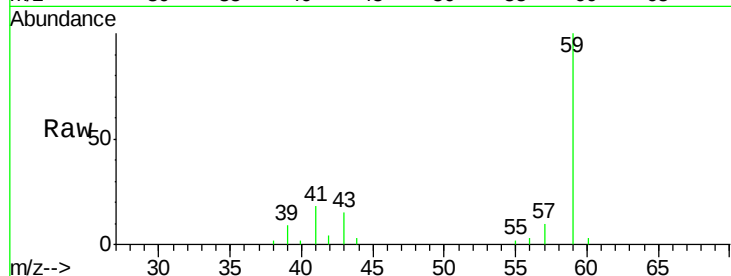
#11
Tert butyl alcohol
Concen: 77.579 ug/l
RT: 4.73 min Scan# 918
Delta R.T. -0.01 min
Lab File: VN059812.D
Acq: 21 Jan 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :
VN0121MBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.6	12.8

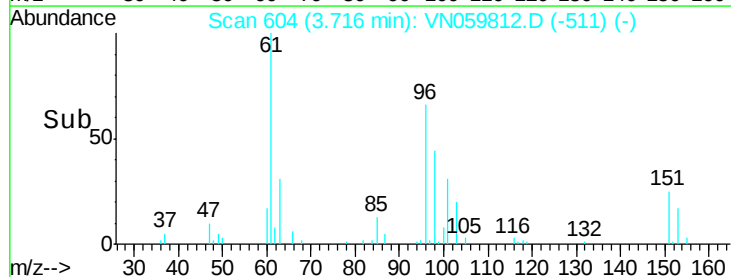
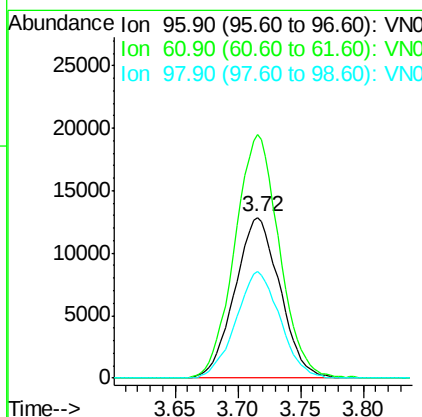
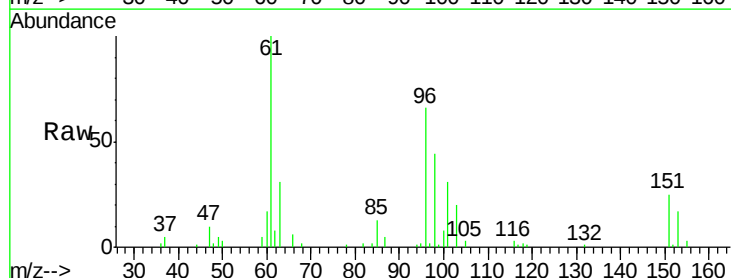
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#12
1,1-Dichloroethene
Concen: 15.887 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN059812.D
Acq: 21 Jan 2020 16:34

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.6	137.5	206.3
98	66.1	50.2	75.4





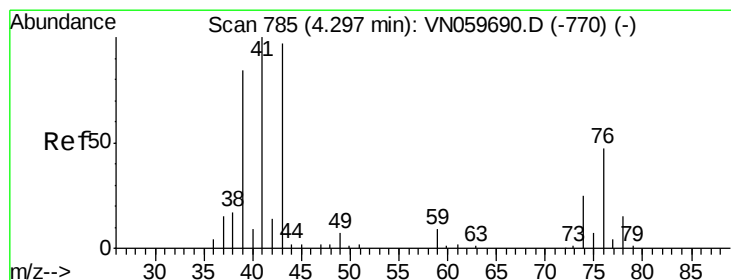
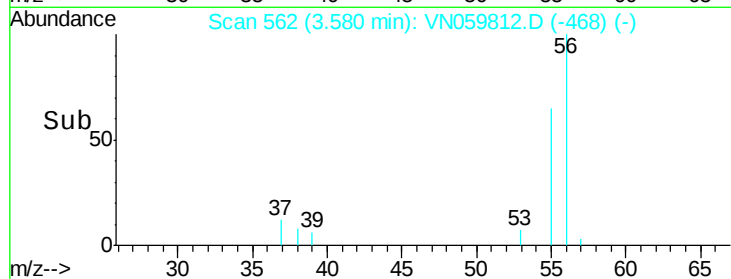
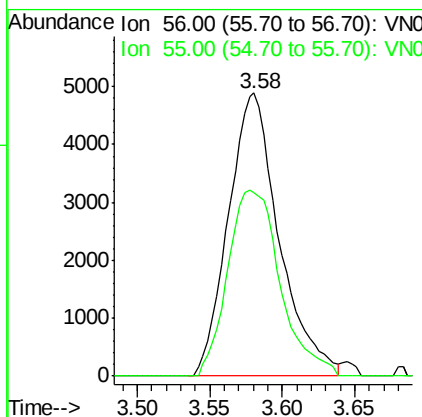
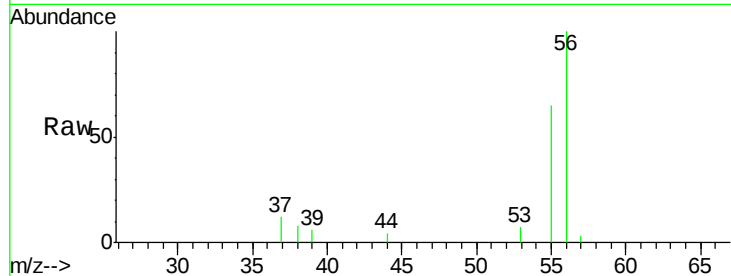
#13
Acrolein
Concen: 40.672 ug/l
RT: 3.58 min Scan# 562
Delta R.T. 0.00 min
Lab File: VN059812.D
Acq: 21 Jan 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :
VN0121MBS02

Tot Ion: 56 Resp: 11885
Ion Ratio Lower Upper
56 100
55 68.0 58.6 88.0

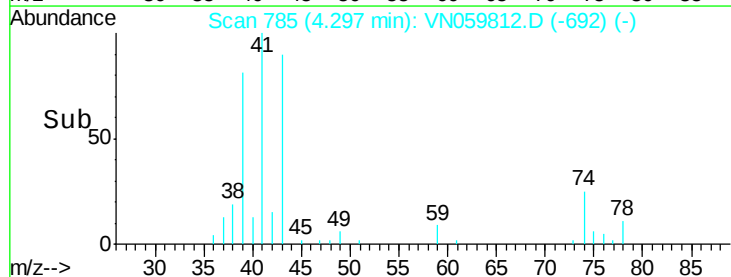
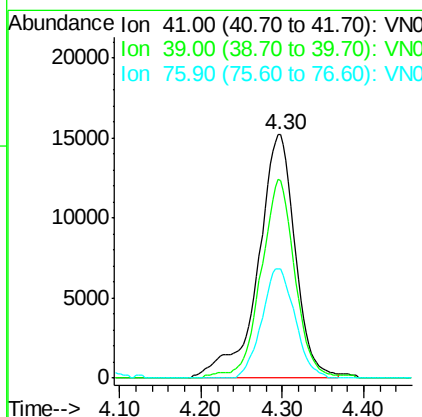
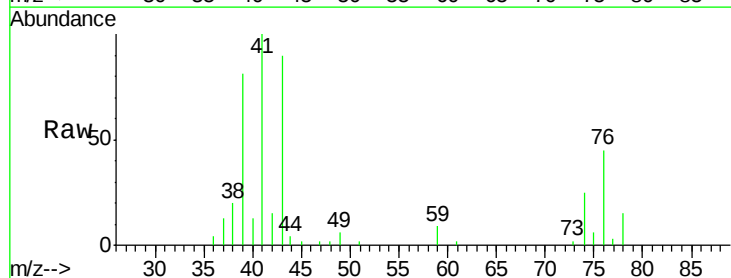
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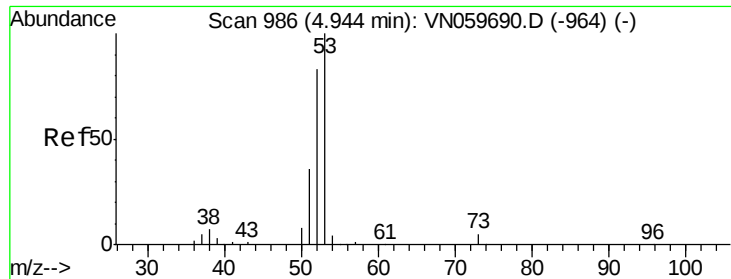
MMDadoda
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#14
Allyl chloride
Concen: 17.763 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.00 min
Lab File: VN059812.D
Acq: 21 Jan 2020 16:34

Tgt Ion: 41 Resp: 48369
Ion Ratio Lower Upper
41 100
39 71.9 57.8 86.8
76 40.2 25.4 38.0#





#15

Acrylonitrile

Concen: 79.458 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.00 min

Lab File: VN059812.D

Acq: 21 Jan 2020 16:34

Instrument :

MSVOA_N

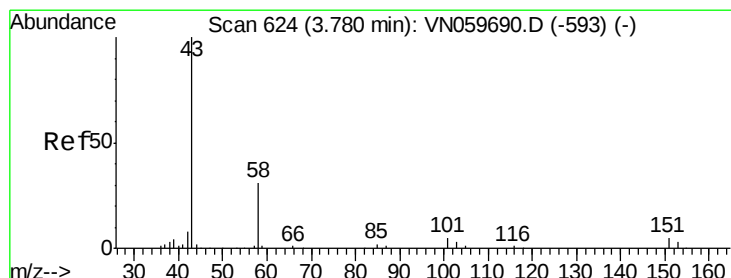
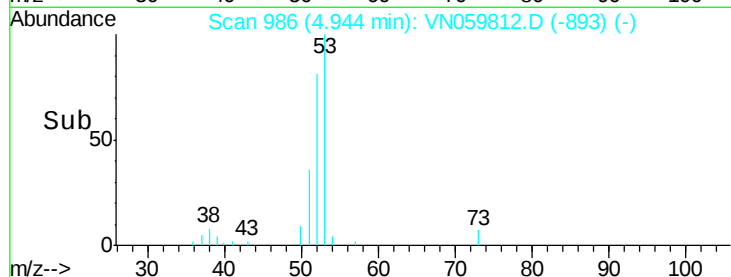
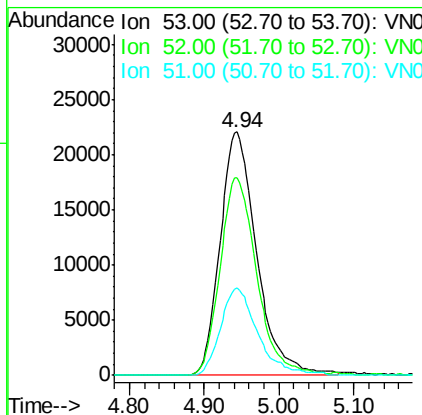
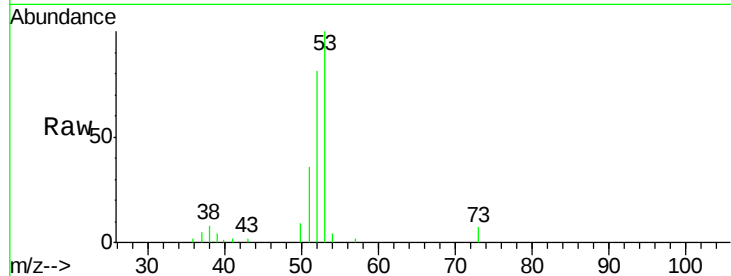
ClientSampled :

VN0121MBS02

Tot Ion:	53	Resp:	74821
Ion	Ratio	Lower	Upper
53	100		
52	81.4	66.3	99.5
51	36.1	29.7	44.5

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#16

Acetone

Concen: 83.965 ug/l

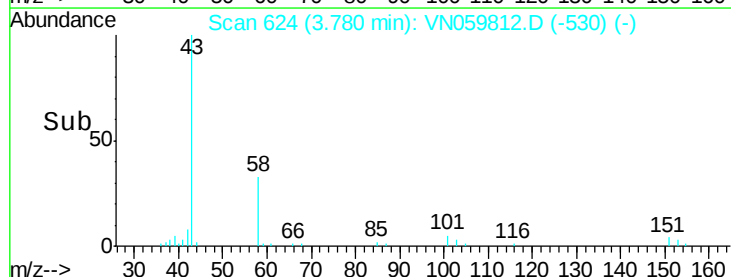
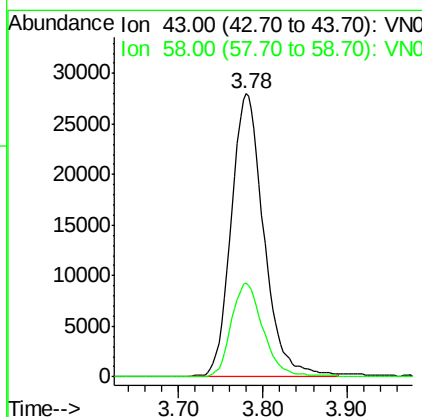
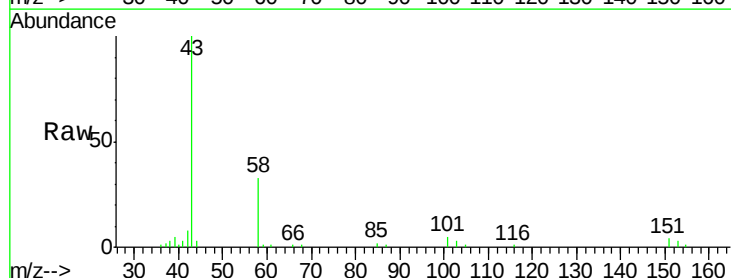
RT: 3.78 min Scan# 624

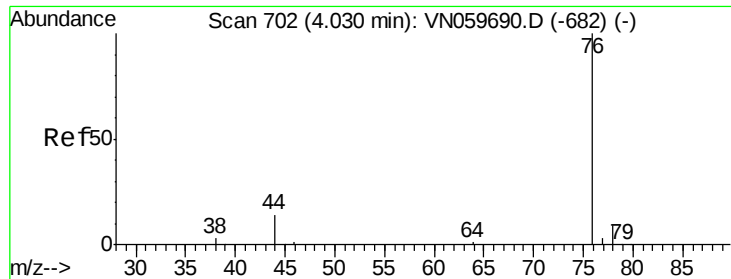
Delta R.T. 0.00 min

Lab File: VN059812.D

Acq: 21 Jan 2020 16:34

Tgt Ion:	43	Resp:	75785
Ion	Ratio	Lower	Upper
43	100		
58	33.3	23.6	35.4





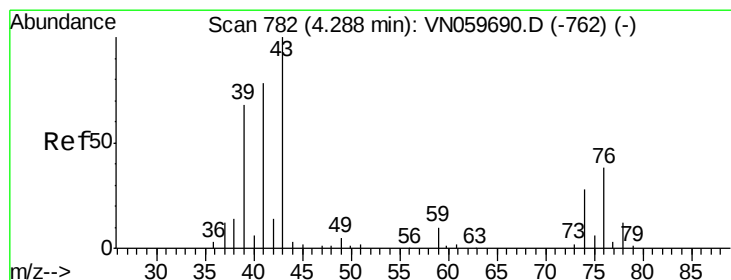
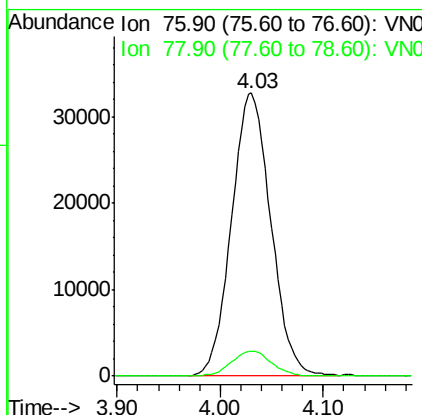
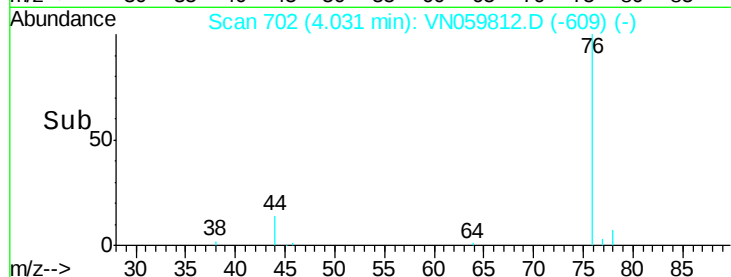
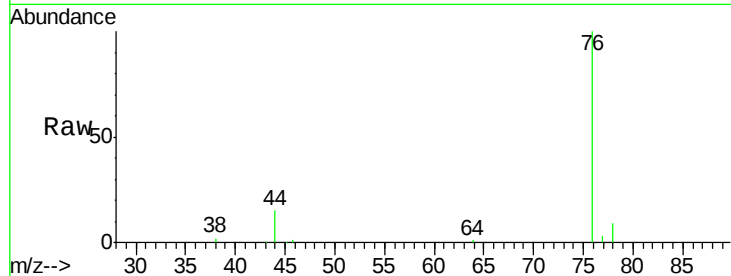
#17
Carbon Disulfide
Concen: 15.083 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059812.D
Acq: 21 Jan 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :
VN0121MBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.4	11.0

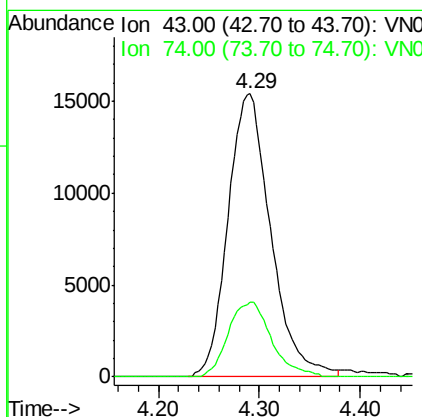
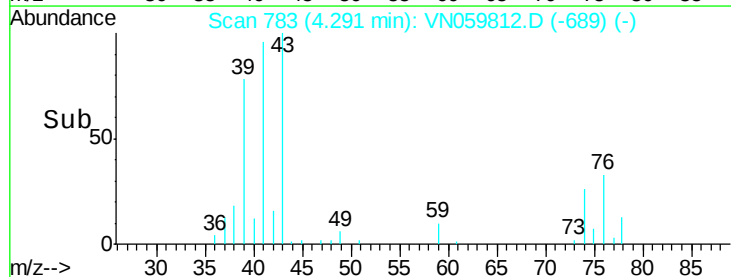
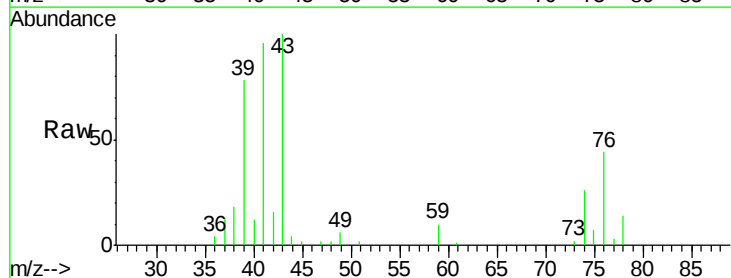
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#18
Methyl Acetate
Concen: 15.877 ug/l
RT: 4.29 min Scan# 783
Delta R.T. 0.00 min
Lab File: VN059812.D
Acq: 21 Jan 2020 16:34

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.7	17.5	26.3#





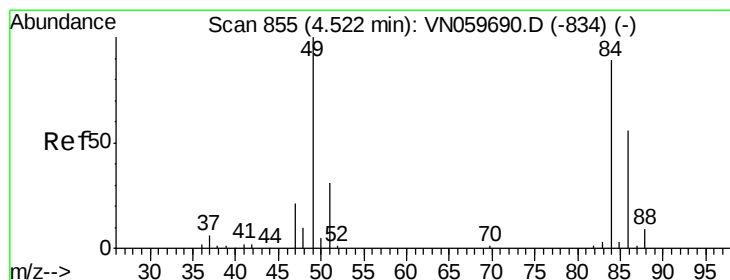
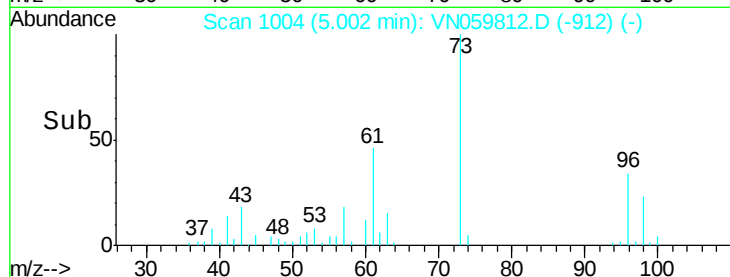
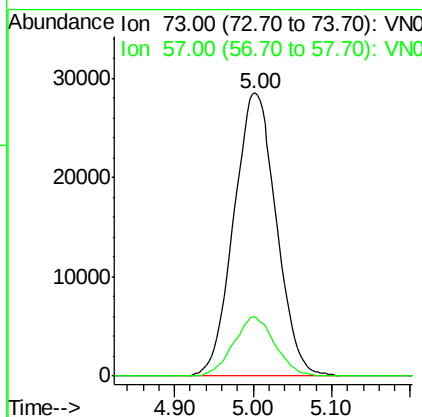
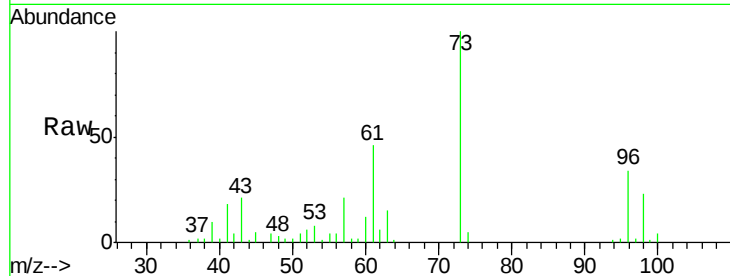
#19
Methvl tert-butvl Ether
Concen: 16.388 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN059812.D
Acq: 21 Jan 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :
VN0121MBS02

Tot Ion: 73 Resp: 107945
Ion Ratio Lower Upper
73 100
57 20.9 18.6 27.8

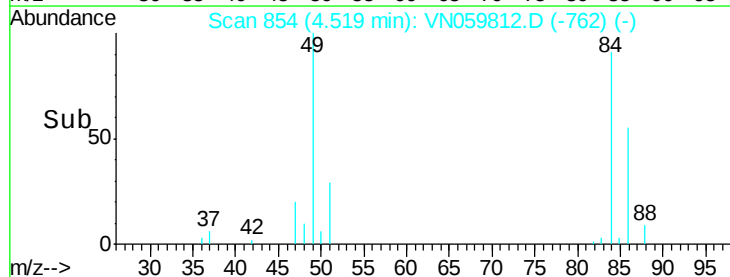
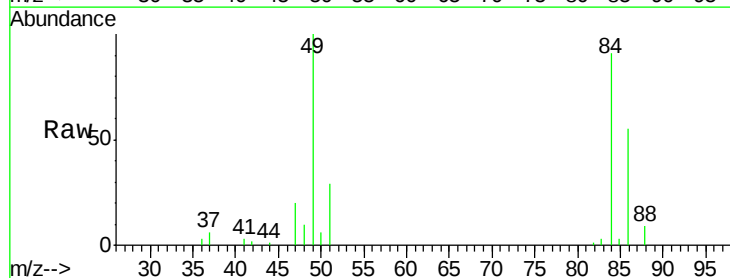
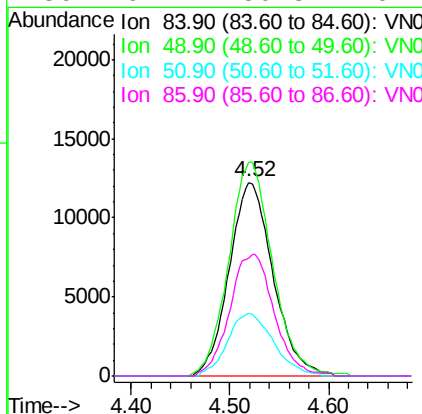
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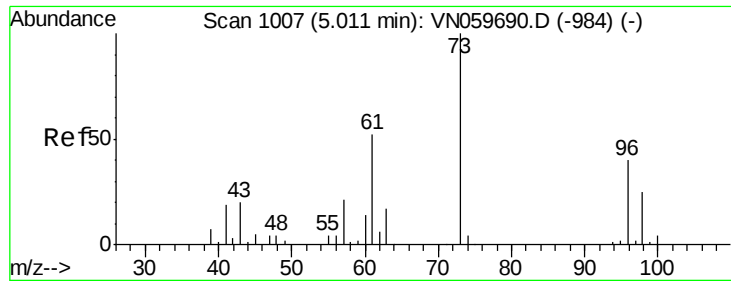
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#20
Methylene Chloride
Concen: 16.185 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059812.D
Acq: 21 Jan 2020 16:34

Tgt Ion: 84 Resp: 37849
Ion Ratio Lower Upper
84 100
49 110.4 106.6 160.0
51 32.3 31.9 47.9
86 61.2 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 16.099 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN059812.D

Acq: 21 Jan 2020 16:34

Instrument :

MSVOA_N

ClientSampled :

VN0121MBS02

Tot Ion: 96 Resp: 34572

Ion Ratio Lower Upper

96 100

61 130.4 120.4 180.6

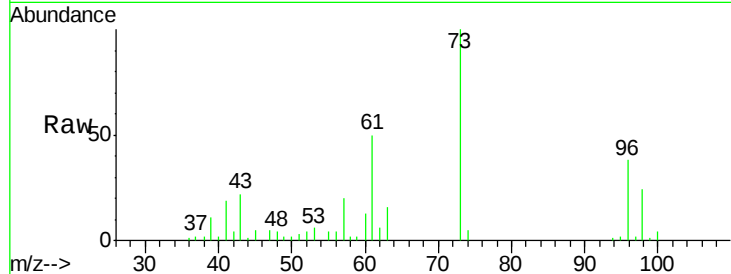
98 63.8 50.6 75.8

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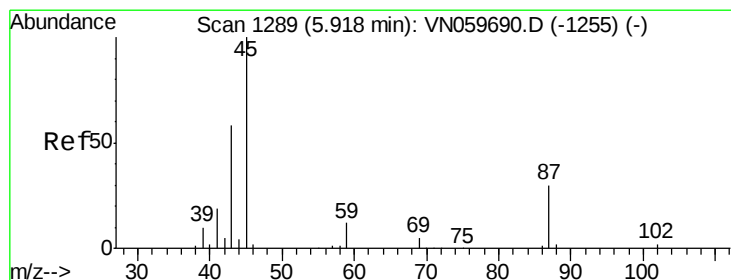
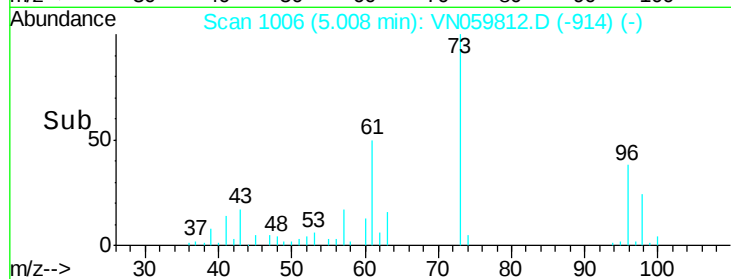
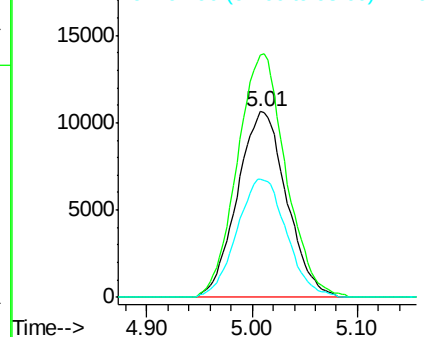
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Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 15.978 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VN059812.D

Acq: 21 Jan 2020 16:34

Tgt Ion: 45 Resp: 98594

Ion Ratio Lower Upper

45 100

43 64.4 50.8 76.2

87 32.5 21.0 31.6#

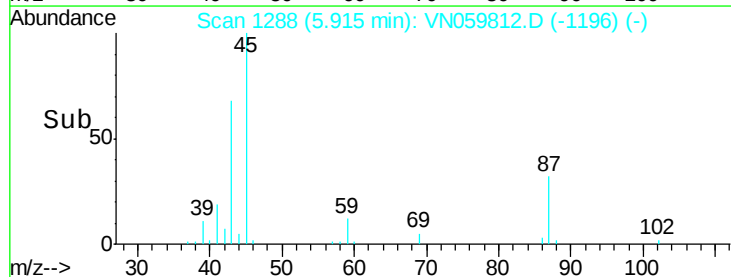
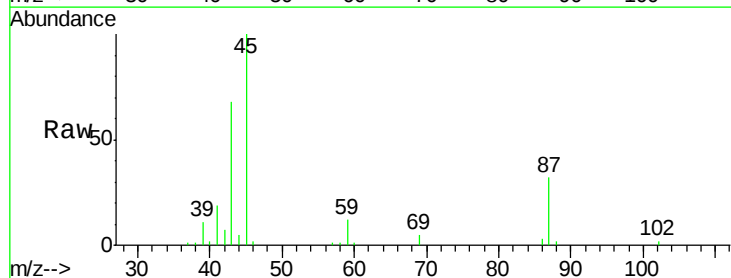
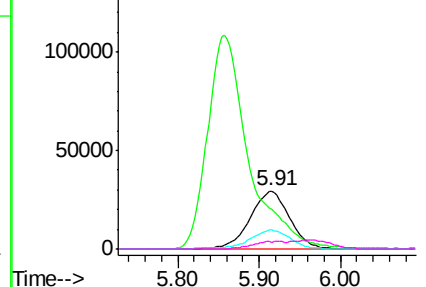
59 12.0 9.1 13.7

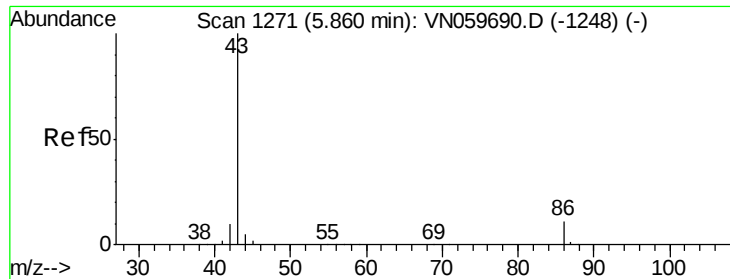
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





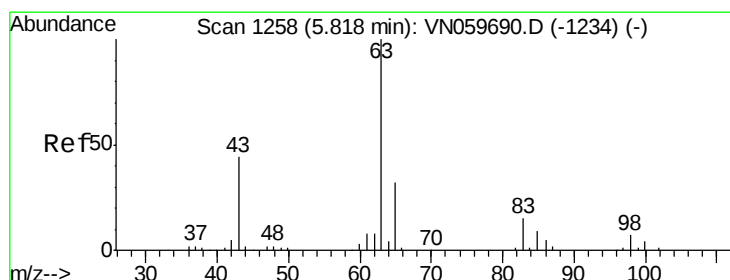
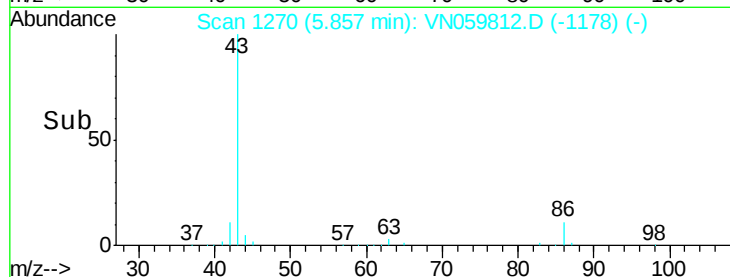
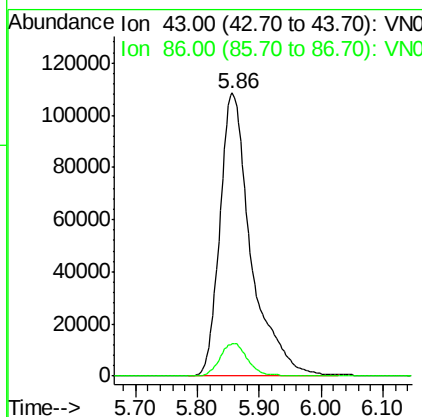
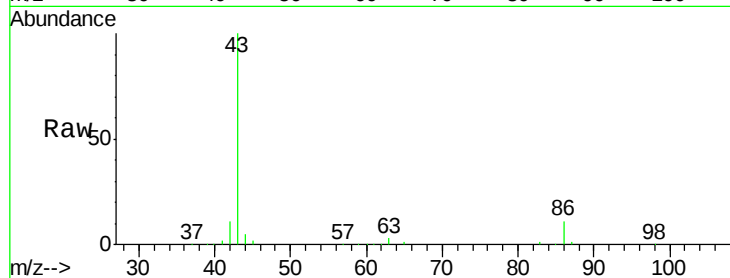
#23
 Vinyl Acetate
 Concen: 79.683 ug/l
 RT: 5.86 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VN059812.D
 Acq: 21 Jan 2020 16:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121MBS02

Tot Ion	Ratio	Lower	Upper
43	100		
86	11.5	7.6	11.4#

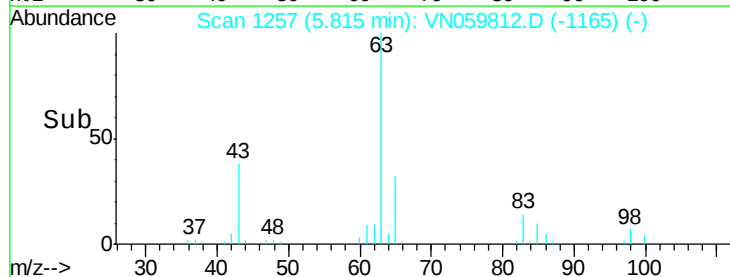
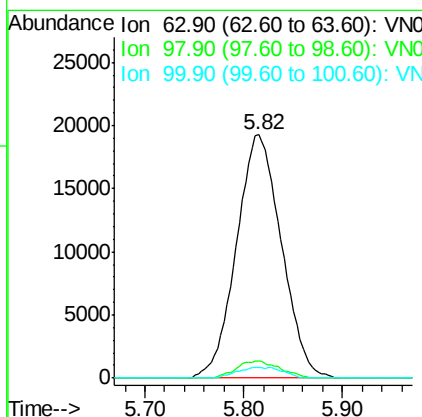
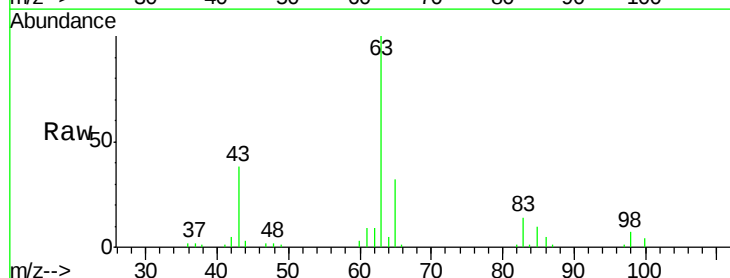
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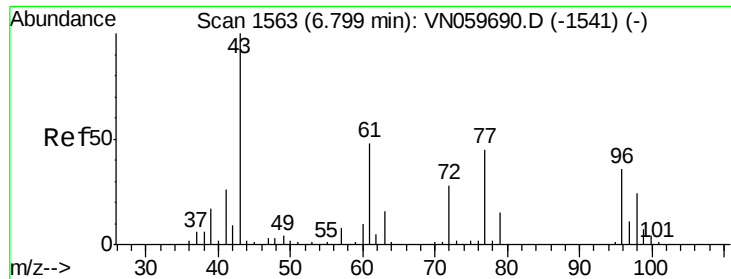
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 16.138 ug/l
 RT: 5.82 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN059812.D
 Acq: 21 Jan 2020 16:34

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.2	2.9	8.7
100	4.4	2.0	6.0





#25

2-Butanone

Concen: 73.258 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059812.D

Acq: 21 Jan 2020 16:34

Instrument :

MSVOA_N

ClientSampleId :

VN0121MBS02

Tot Ion: 43 Resp: 101729

Ion Ratio Lower Upper

43 100

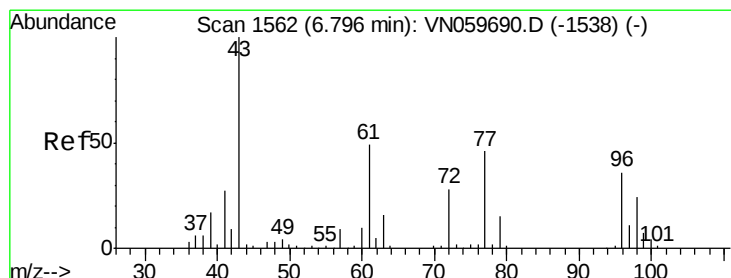
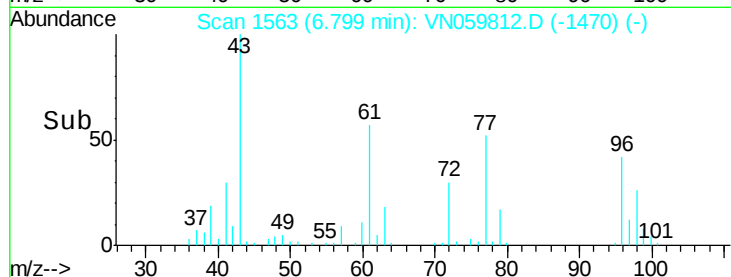
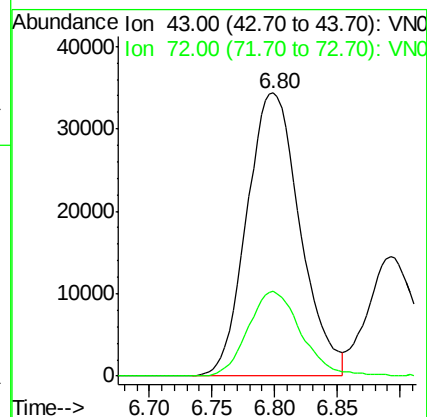
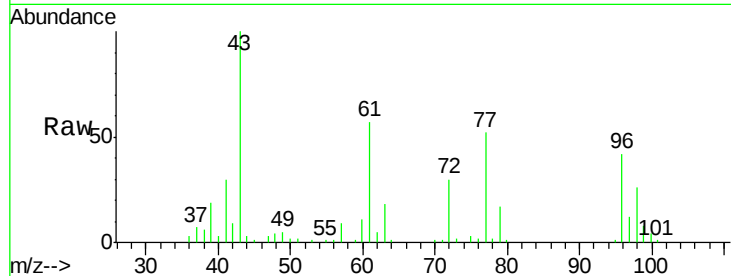
72 29.9 19.9 29.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 16.358 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.00 min

Lab File: VN059812.D

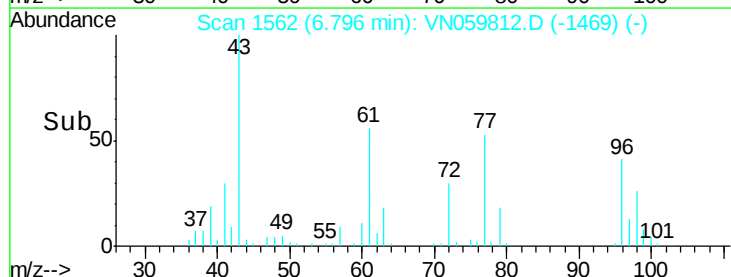
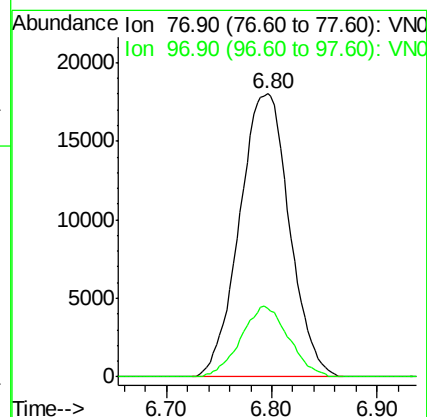
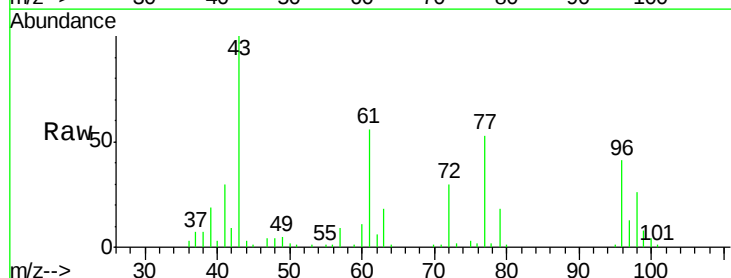
Acq: 21 Jan 2020 16:34

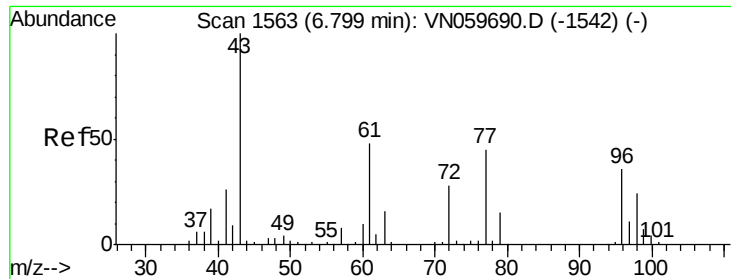
Tgt Ion: 77 Resp: 59294

Ion Ratio Lower Upper

77 100

97 23.9 10.7 31.9





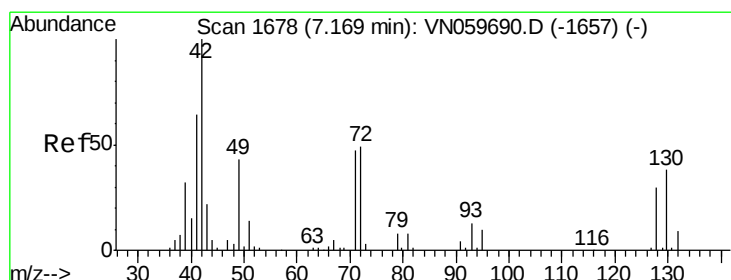
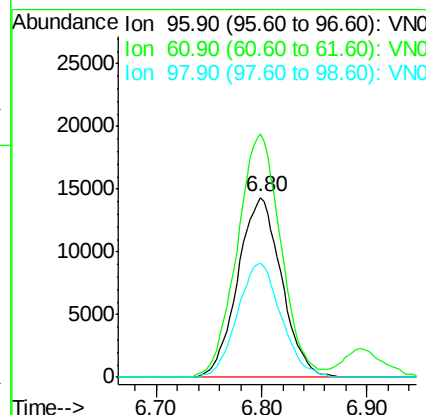
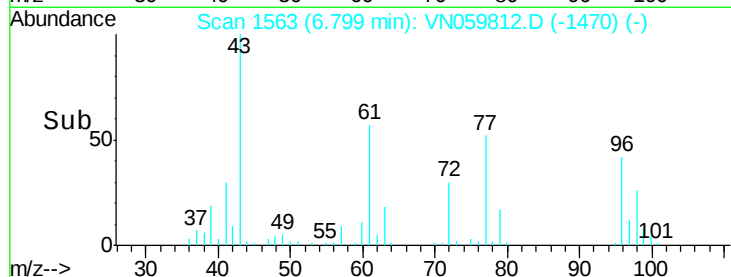
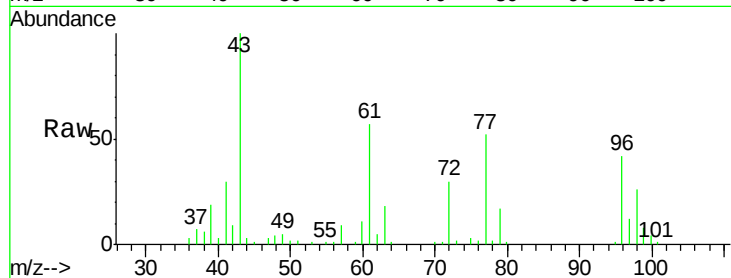
#27
 cis-1,2-Dichloroethene
 Concen: 16.700 ug/l
 RT: 6.80 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: VN059812.D
 Acq: 21 Jan 2020 16:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121MBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.5	0.0	317.6
98	63.8	0.0	127.0

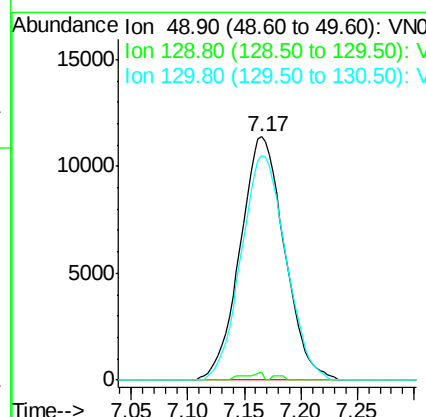
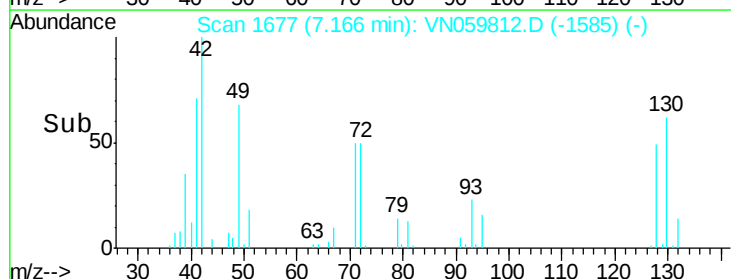
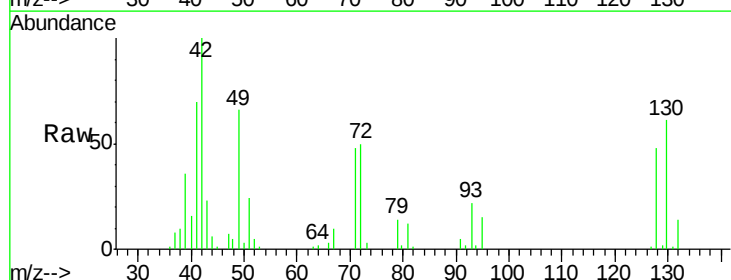
Manual Integrations
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#28
 Bromochloromethane
 Concen: 20.592 ug/l
 RT: 7.17 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: VN059812.D
 Acq: 21 Jan 2020 16:34

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	3.4
130	93.1	54.7	82.1#





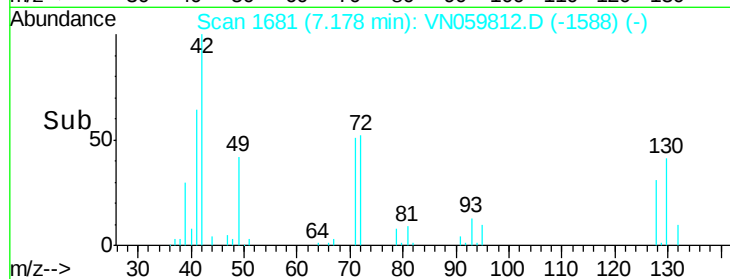
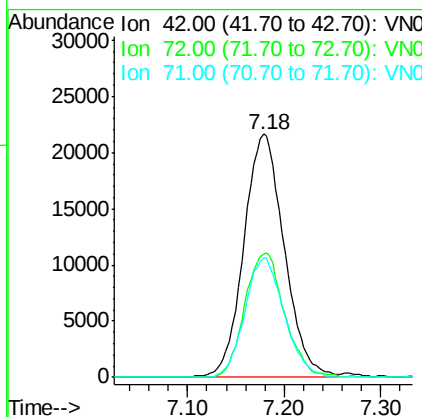
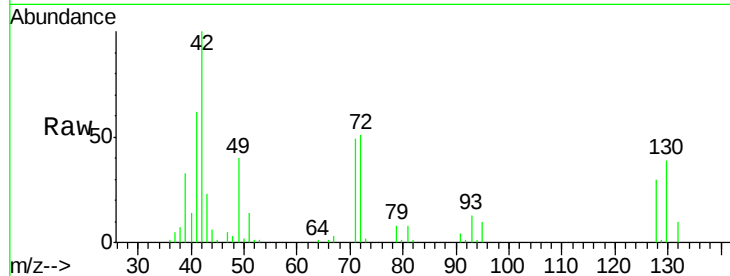
#29
Tetrahydrofuran
Concen: 73.199 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN059812.D
Acq: 21 Jan 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :
VN0121MBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.4	33.1	49.7#
71	47.3	31.4	47.0#

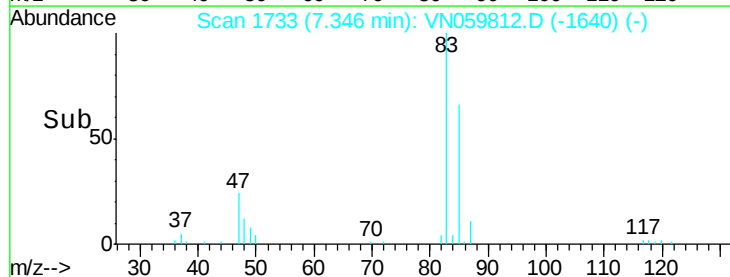
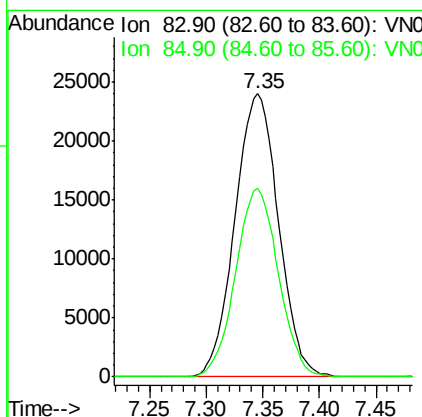
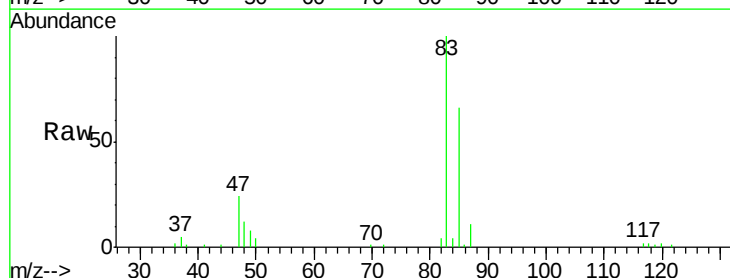
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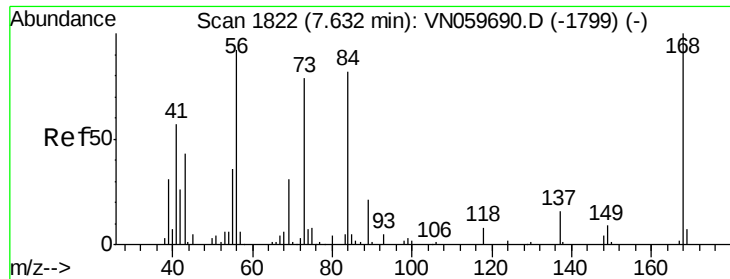
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1/22/2020 11:15:05 AM



#30
Chloroform
Concen: 16.454 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN059812.D
Acq: 21 Jan 2020 16:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.5	52.4	78.6





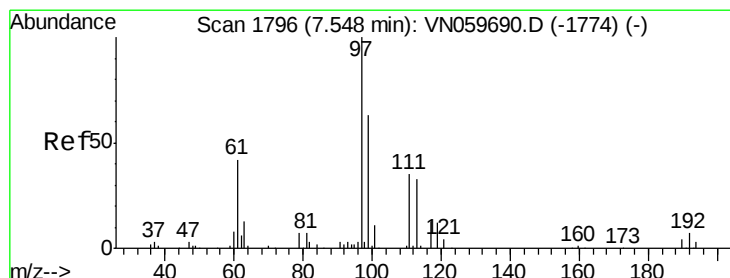
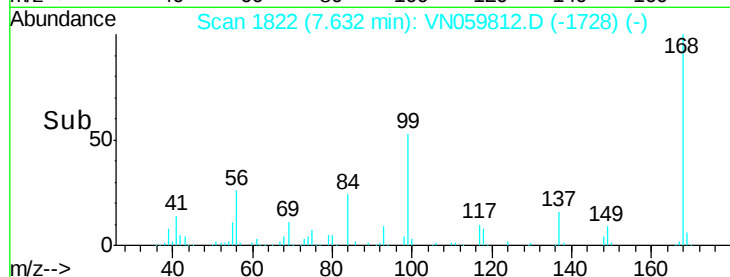
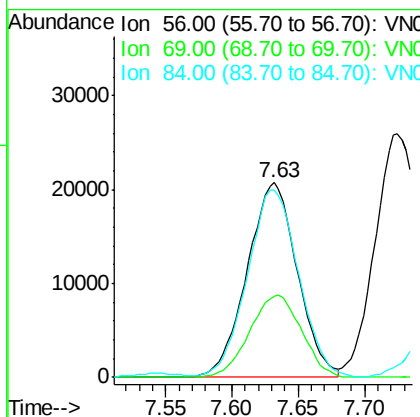
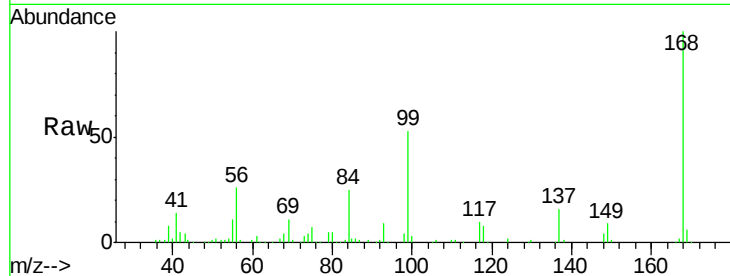
#31
Cyclohexane
Concen: 15.122 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN059812.D
Acq: 21 Jan 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :
VN0121MBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	41.8	26.5	39.7#
84	95.5	65.3	97.9

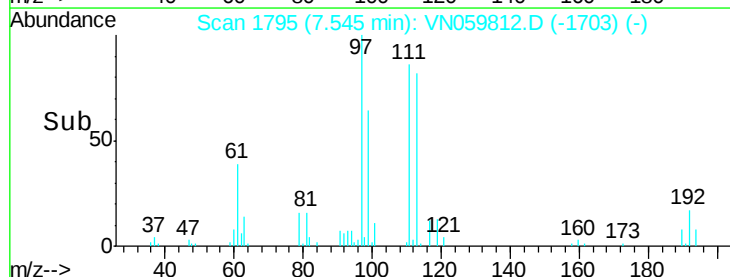
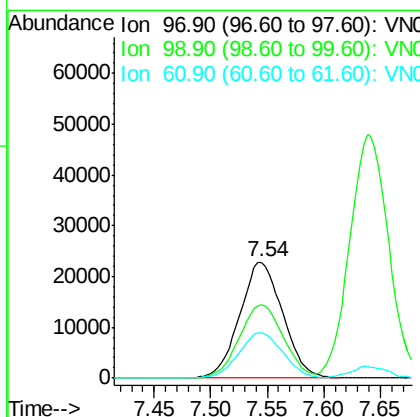
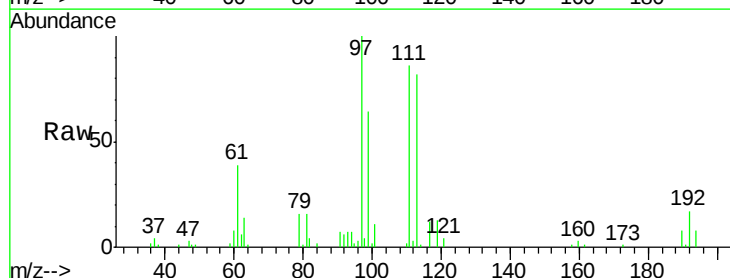
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#32
1,1,1-Trichloroethane
Concen: 16.674 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN059812.D
Acq: 21 Jan 2020 16:34

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.0	76.4
61	40.3	38.5	57.7





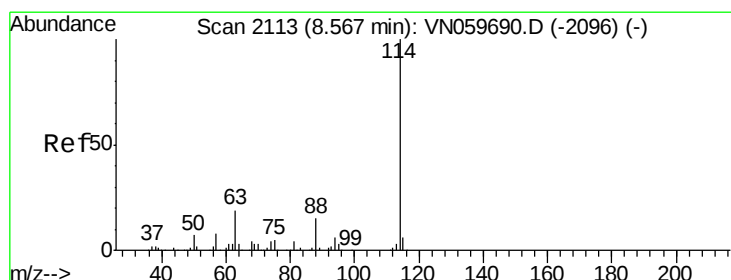
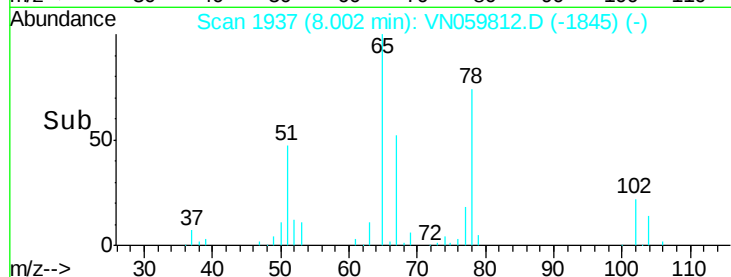
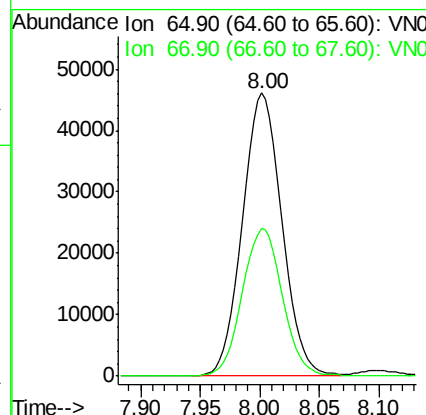
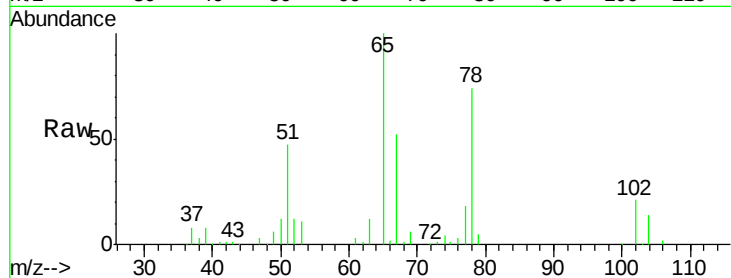
#33
 1,2-Dichloroethane-d4
 Concen: 43.299 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059812.D
 Acq: 21 Jan 2020 16:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121MBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.9	0.0	103.0	

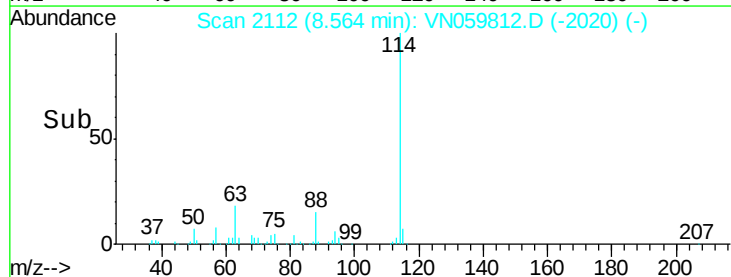
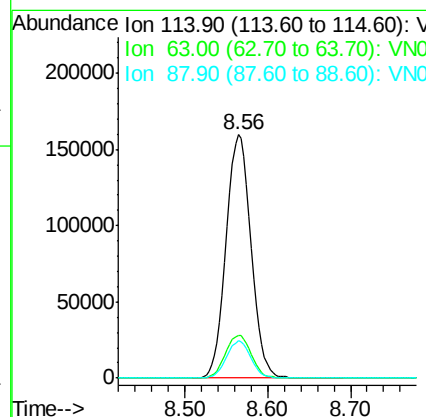
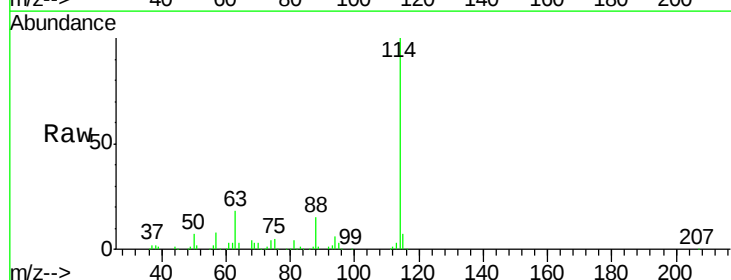
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059812.D
 Acq: 21 Jan 2020 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.8	0.0	43.6	
88	15.3	0.0	31.4	





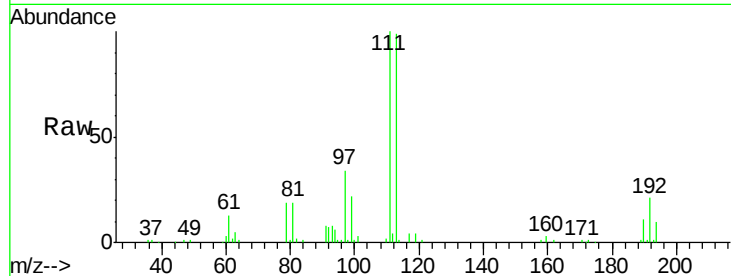
#35
 Dibromofluoromethane
 Concen: 45.780 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059812.D
 Acq: 21 Jan 2020 16:34

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0121MBS02

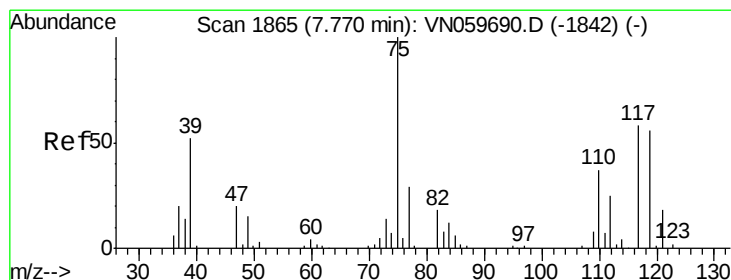
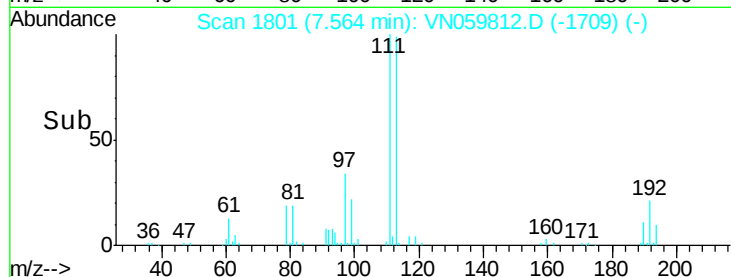
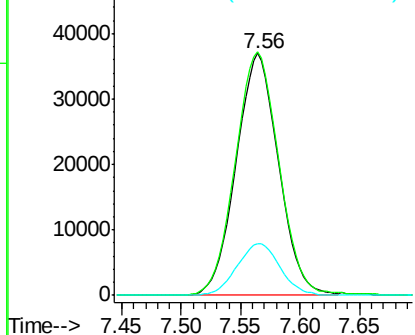
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.5	125.3
192	21.7	15.4	23.2

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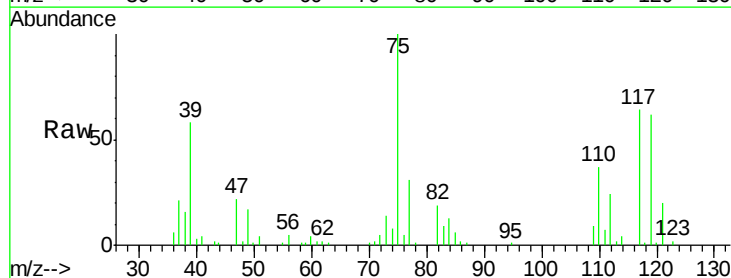


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

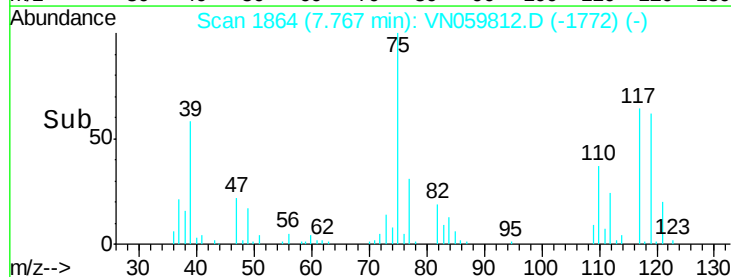
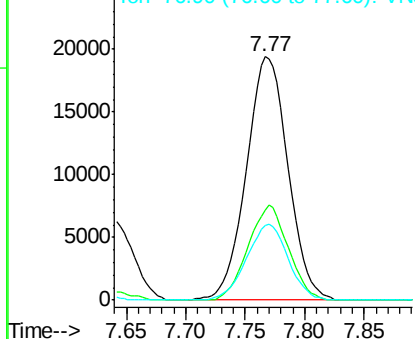


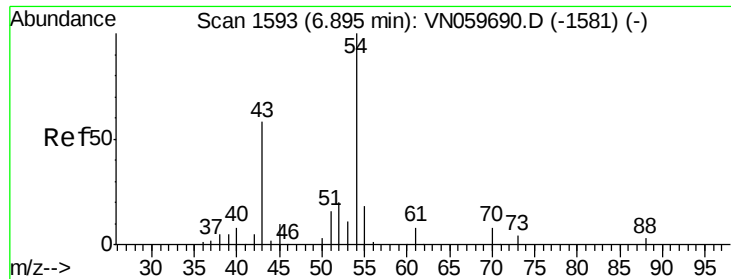
#36
 1,1-Dichloropropene
 Concen: 16.180 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN059812.D
 Acq: 21 Jan 2020 16:34

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.6	16.6	49.7
77	31.1	25.1	37.7



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V





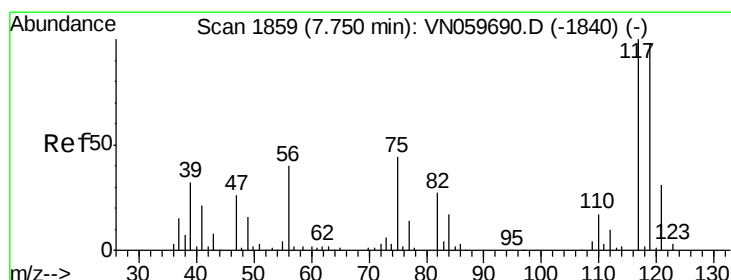
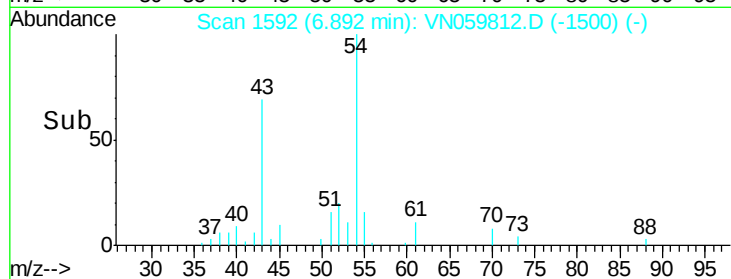
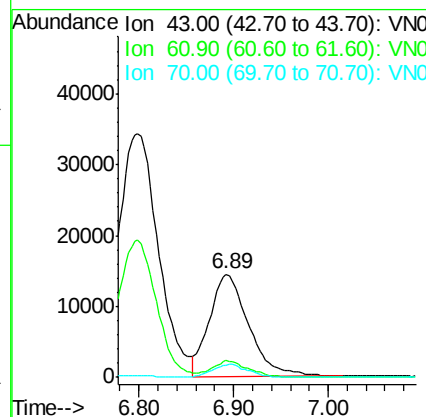
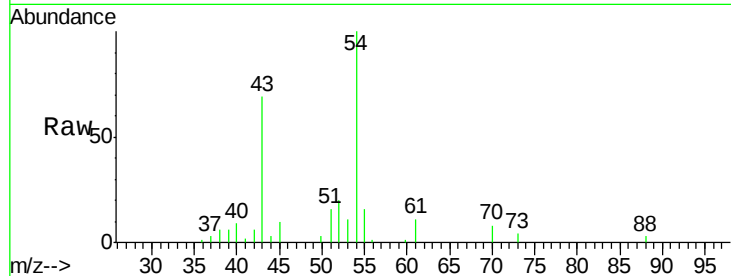
#37
Ethyl Acetate
Concen: 15.209 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN059812.D
Acq: 21 Jan 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :
VN0121MBS02

Tot Ion: 43 Resp: 41463
Ion Ratio Lower Upper
43 100
61 14.7 10.9 16.3
70 11.3 7.7 11.5

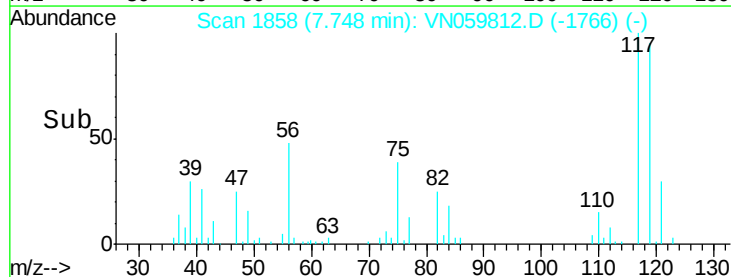
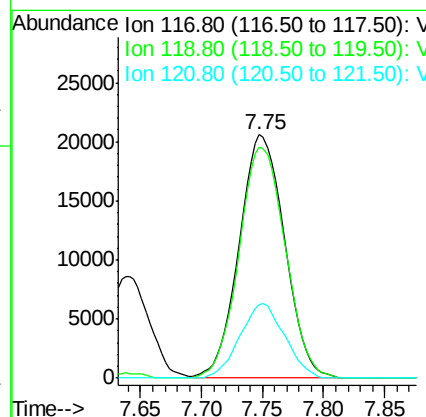
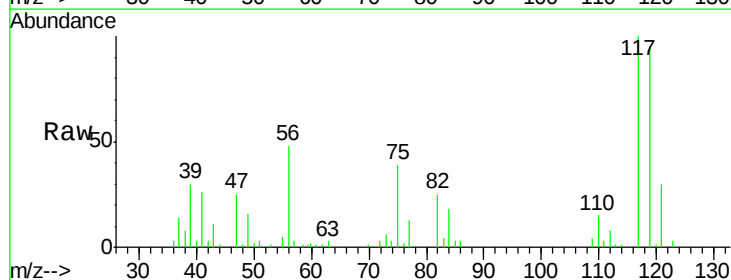
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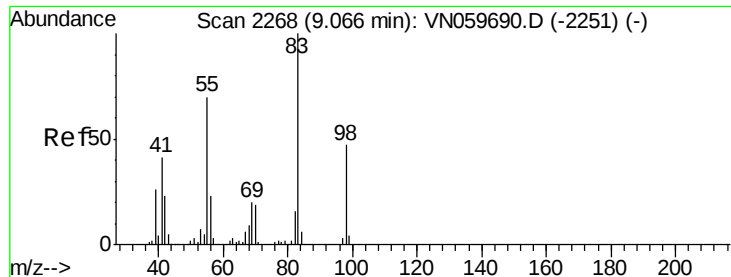
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#38
Carbon Tetrachloride
Concen: 16.815 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VN059812.D
Acq: 21 Jan 2020 16:34

Tgt Ion: 117 Resp: 53167
Ion Ratio Lower Upper
117 100
119 94.6 76.5 114.7
121 30.1 25.1 37.7





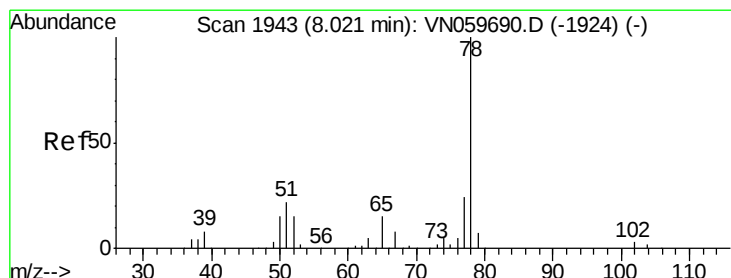
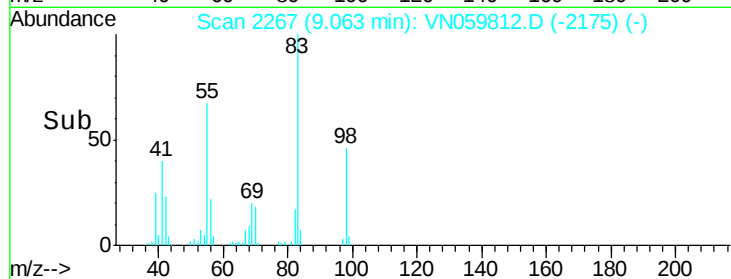
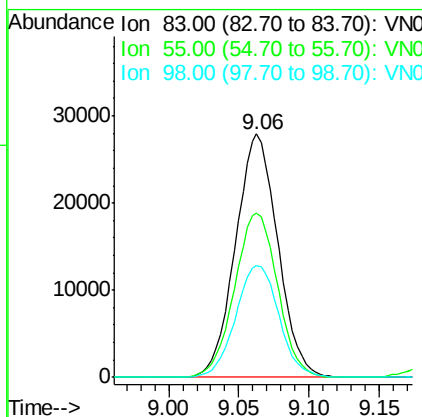
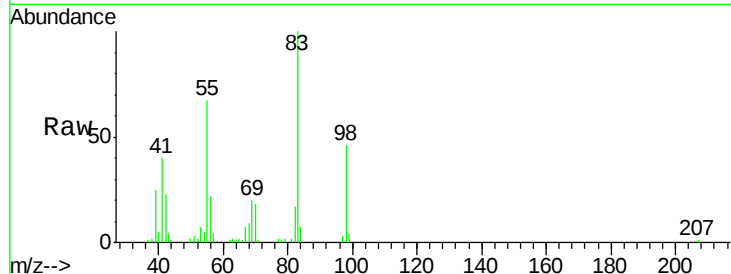
#39
Methvlcvclohexane
Concen: 16.304 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059812.D
Acq: 21 Jan 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :
VN0121MBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.5	64.2	96.2
98	46.0	35.9	53.9

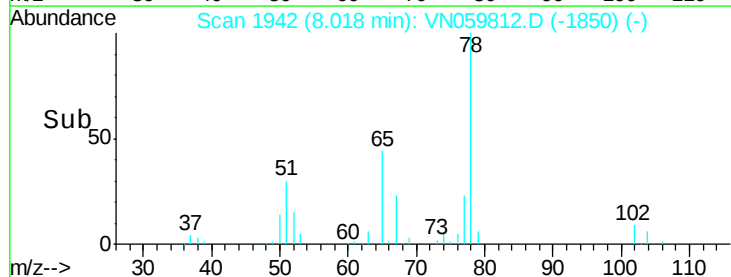
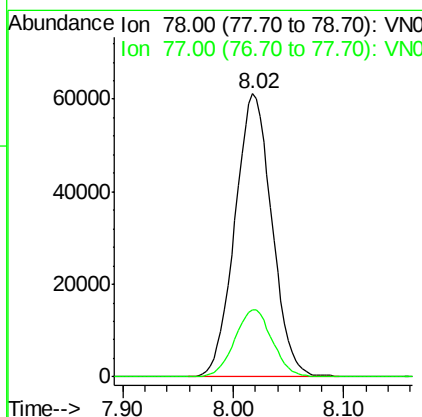
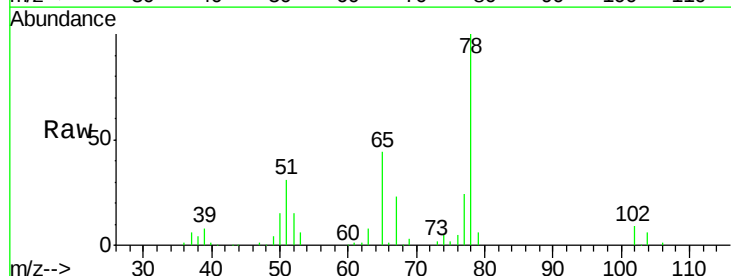
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#40
Benzene
Concen: 16.380 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059812.D
Acq: 21 Jan 2020 16:34

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.9	28.3





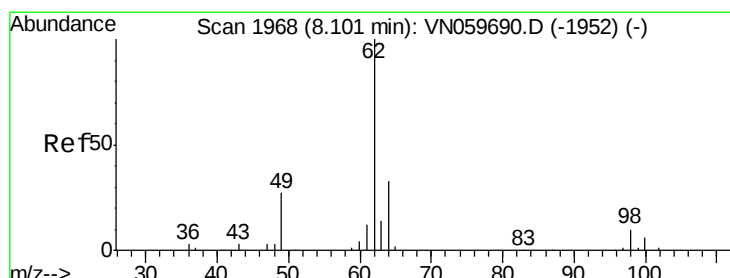
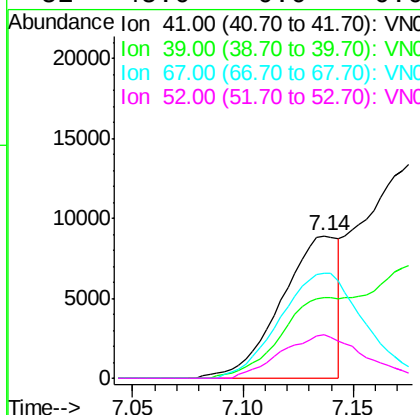
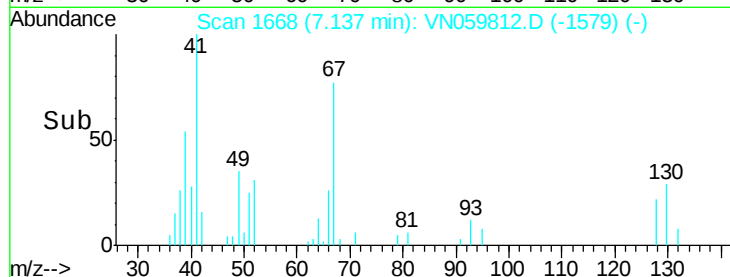
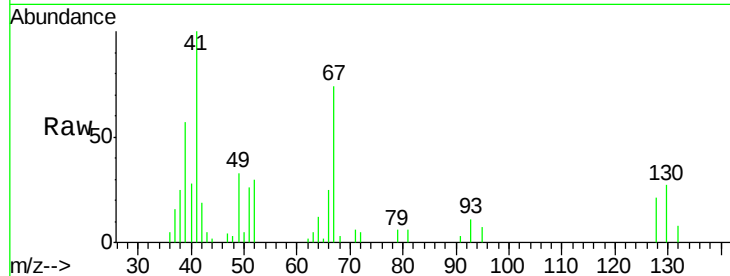
#41
Methacrylonitrile
Concen: 11.922 ug/l
RT: 7.14 min Scan# 1668
Delta R.T. -0.01 min
Lab File: VN059812.D
Acq: 21 Jan 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :
VN0121MBS02

Tot Ion	41	Resp	16009
Ion	Ratio	Lower	Upper
41	100		
39	56.7	0.0	0.0#
67	110.7	0.0	0.0#
52	45.0	0.0	0.0#

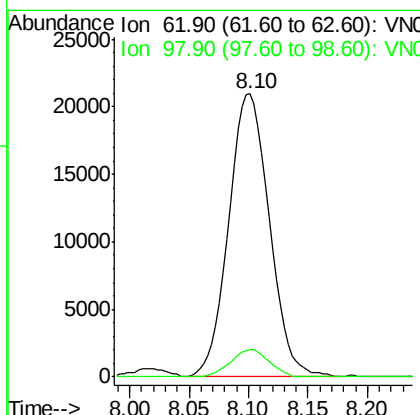
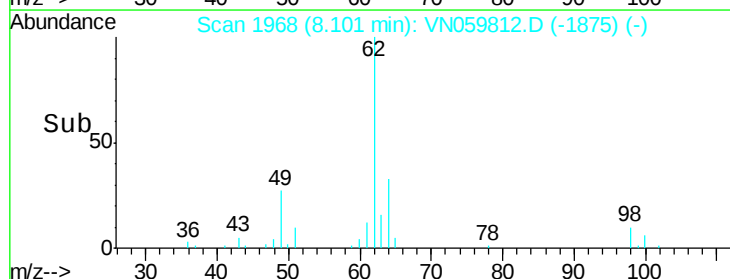
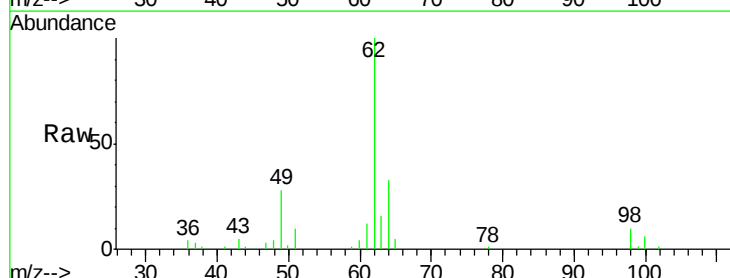
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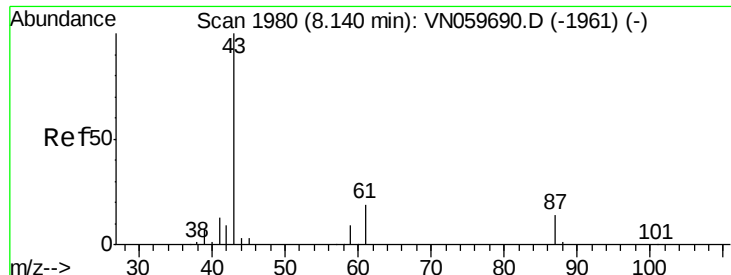
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#42
1,2-Dichloroethane
Concen: 16.928 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059812.D
Acq: 21 Jan 2020 16:34

Tgt Ion	62	Resp	49755
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	15.8





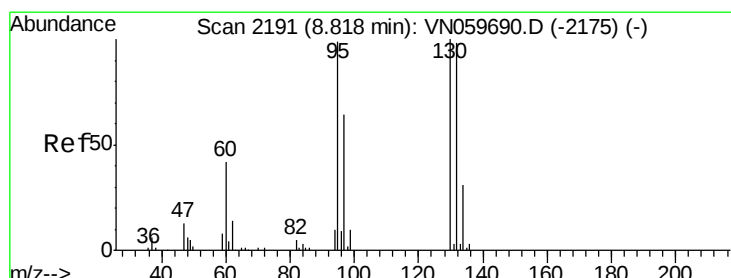
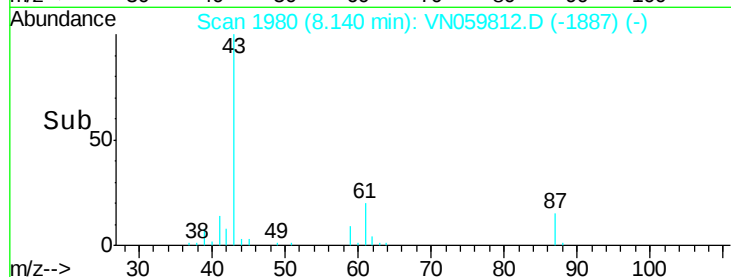
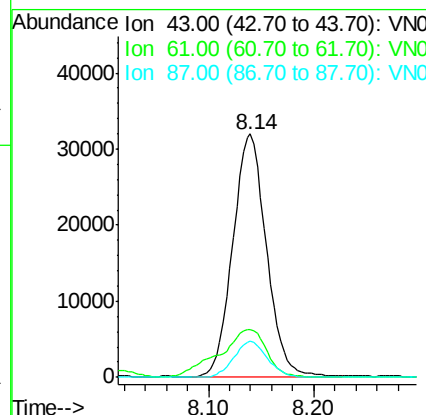
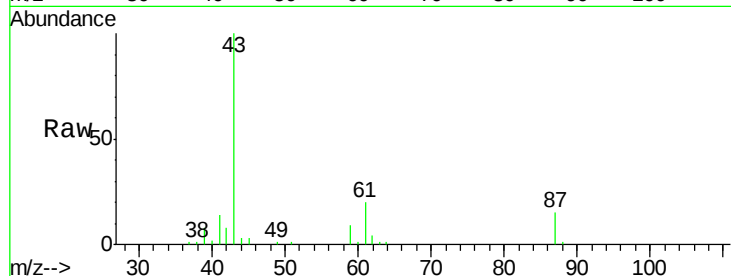
#43
Isopropyl Acetate
Concen: 15.162 ug/l
RT: 8.14 min Scan# 1980
Delta R.T. 0.00 min
Lab File: VN059812.D
Acq: 21 Jan 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :
VN0121MBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	27.7	20.2	30.2
87	14.5	9.5	14.3

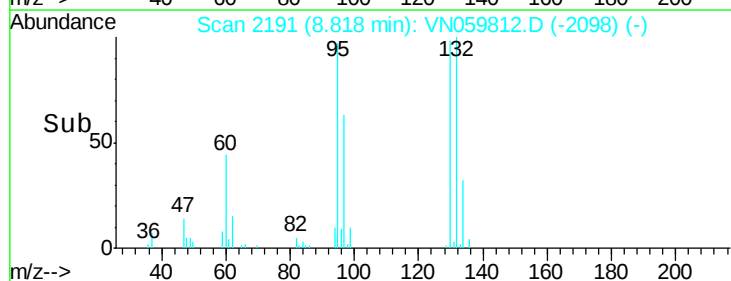
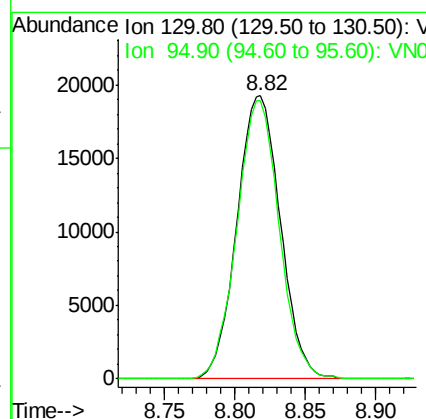
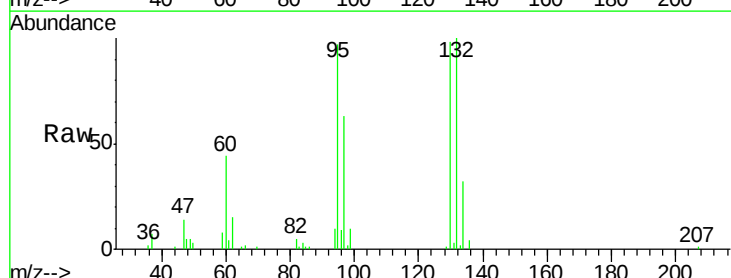
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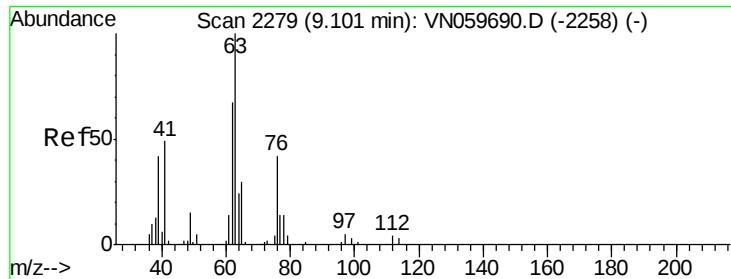
MMDadoda
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#44
Trichloroethene
Concen: 17.563 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. 0.00 min
Lab File: VN059812.D
Acq: 21 Jan 2020 16:34

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.1	0.0	207.0





#45

1,2-Dichloropropane

Concen: 16.787 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VN059812.D

Acq: 21 Jan 2020 16:34

Instrument :

MSVOA_N

ClientSampleId :

VN0121MBS02

Tot Ion: 63 Resp: 36010

Ion Ratio Lower Upper

63 100

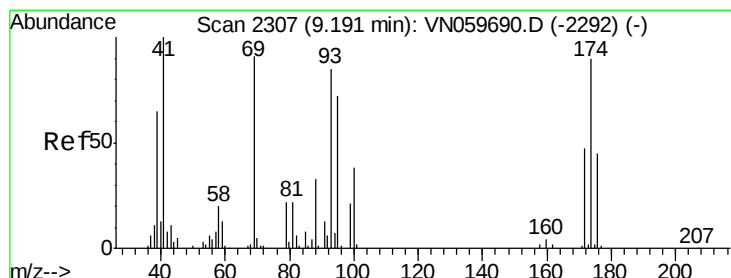
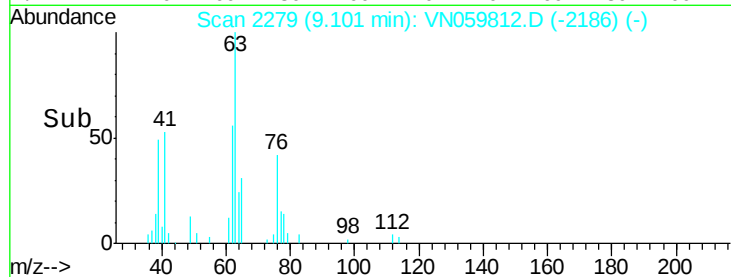
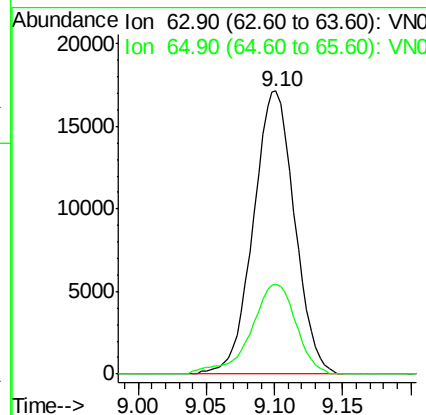
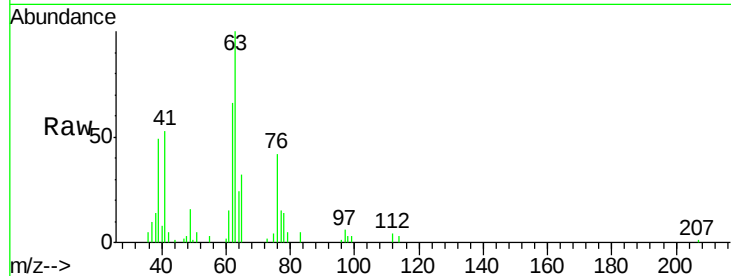
65 31.8 24.9 37.3

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#46

Dibromomethane

Concen: 16.789 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN059812.D

Acq: 21 Jan 2020 16:34

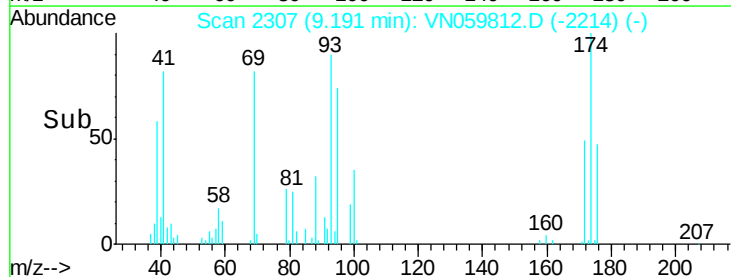
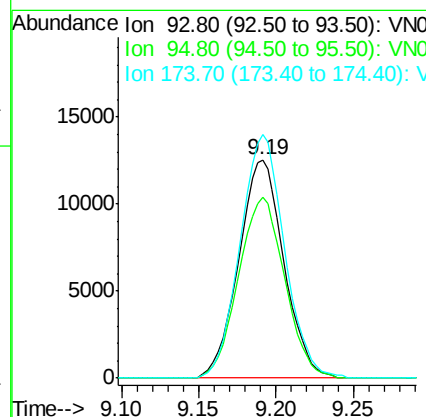
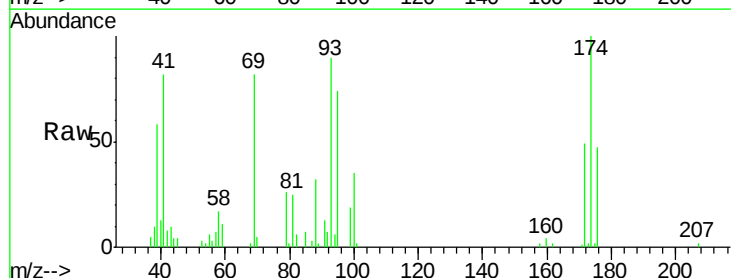
Tgt Ion: 93 Resp: 25405

Ion Ratio Lower Upper

93 100

95 84.6 67.0 100.6

174 110.1 73.4 110.2





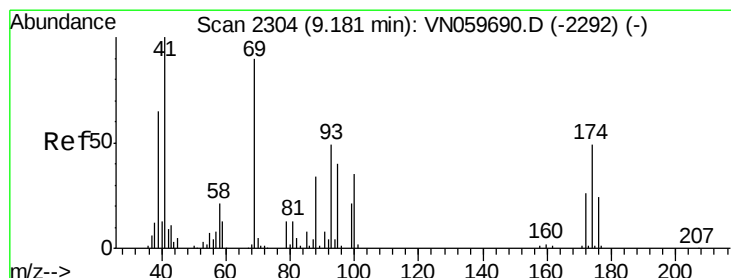
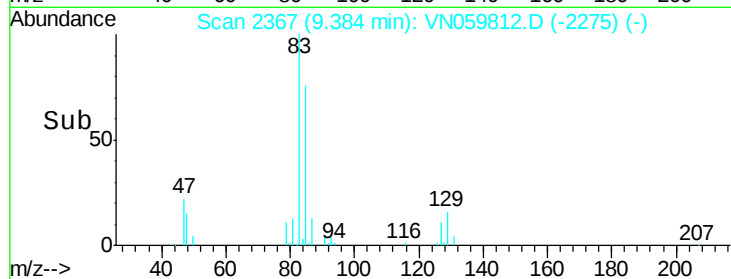
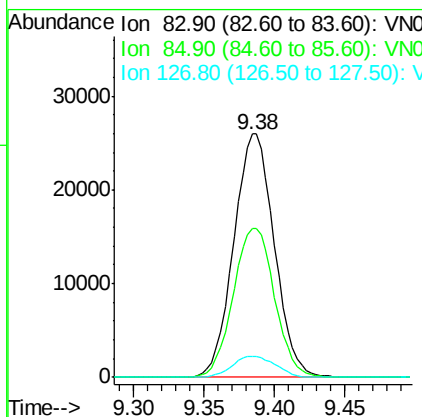
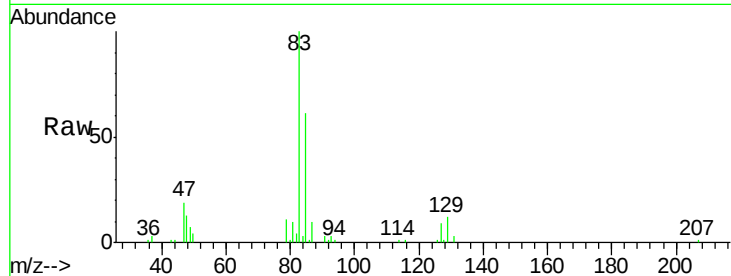
#47
Bromodichloromethane
Concen: 17.117 ug/l
RT: 9.38 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN059812.D
Acq: 21 Jan 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :
VN0121MBS02

Tot Ion	Ratio	Lower	Upper
83	100		
85	61.0	51.1	76.7
127	8.8	6.6	9.8

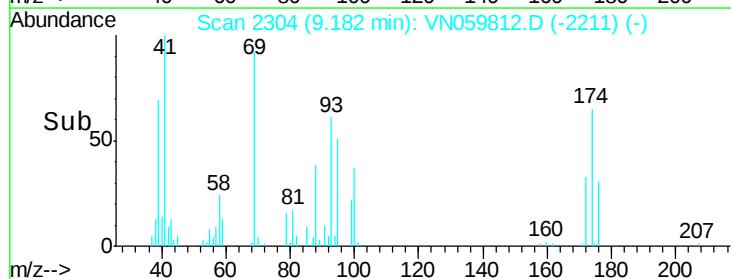
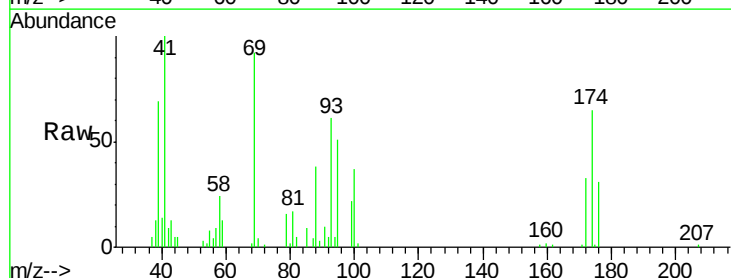
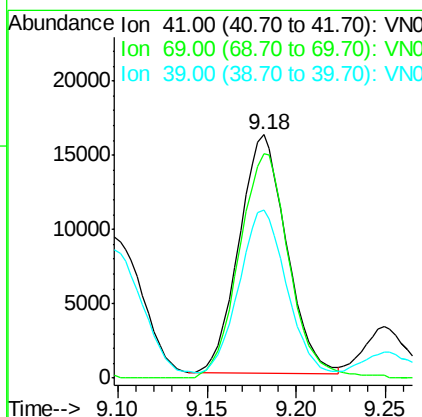
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#48
Methyl methacrylate
Concen: 14.242 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059812.D
Acq: 21 Jan 2020 16:34

Tgt Ion	Ratio	Lower	Upper
41	100		
69	98.6	64.4	96.6#
39	72.8	51.3	76.9





#49

1,4-Dioxane

Concen: 348.663 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. 0.00 min

Lab File: VN059812.D

Acq: 21 Jan 2020 16:34

Instrument :

MSVOA_N

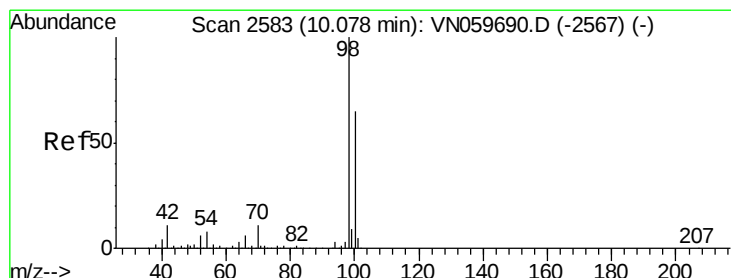
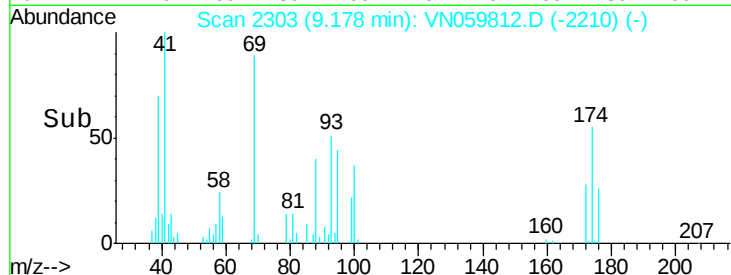
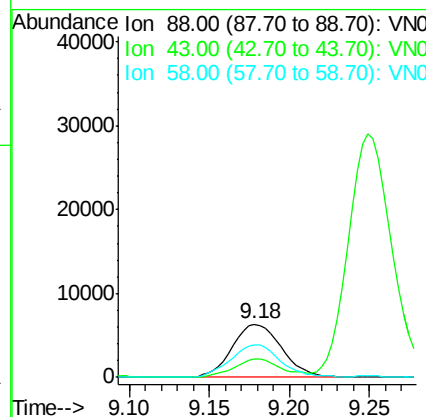
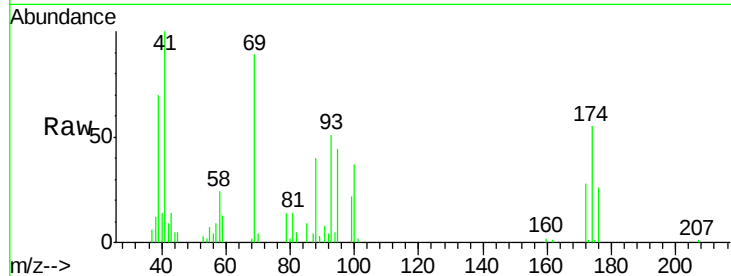
ClientSampleId :

VN0121MBS02

Tot Ion:	88	Resp:	13388
Ion Ratio	Lower	Upper	
88	100		
43	33.0	29.7	44.5
58	61.1	56.6	85.0

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#50

Toluene-d8

Concen: 44.674 ug/l

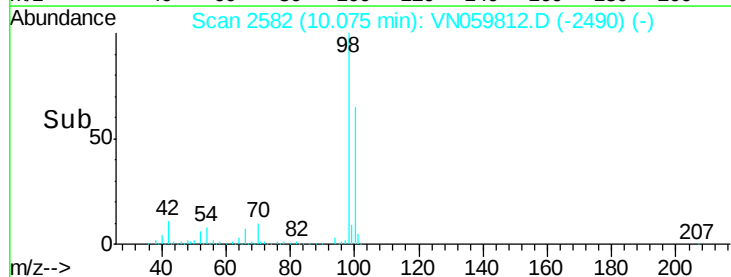
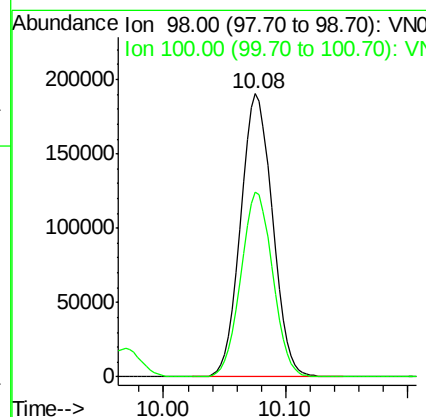
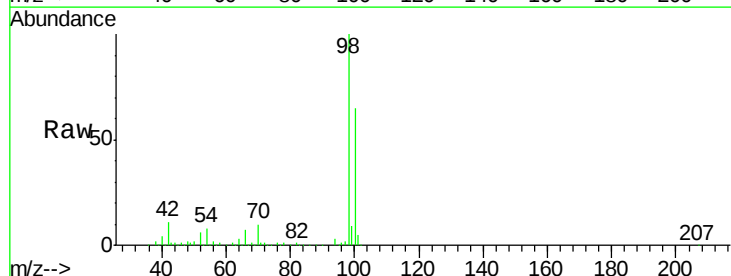
RT: 10.08 min Scan# 2582

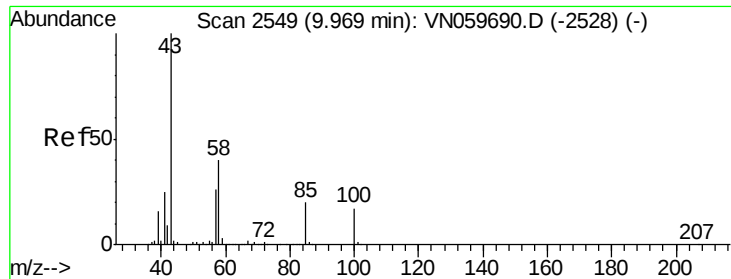
Delta R.T. -0.00 min

Lab File: VN059812.D

Acq: 21 Jan 2020 16:34

Tgt Ion:	98	Resp:	344540
Ion Ratio	Lower	Upper	
98	100		
100	65.1	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 75.645 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN059812.D

Acq: 21 Jan 2020 16:34

Instrument :

MSVOA_N

ClientSampleId :

VN0121MBS02

Tot Ion: 43 Resp: 205055

Ion Ratio Lower Upper

43 100

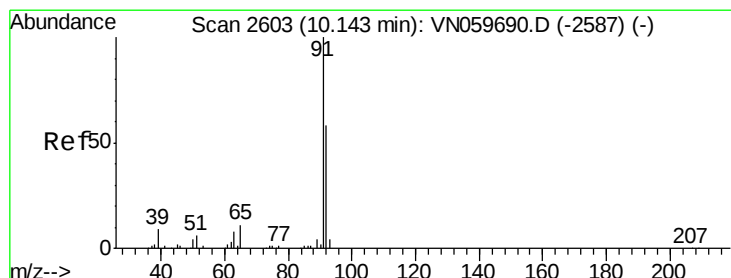
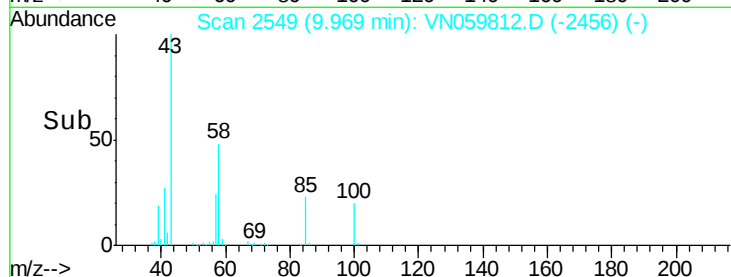
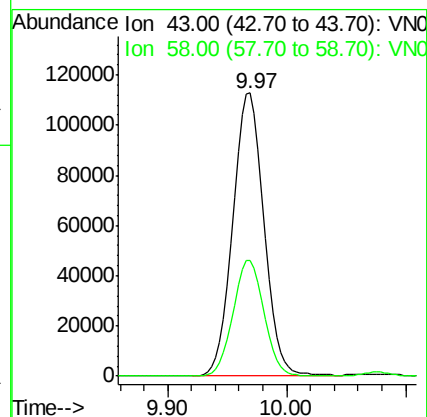
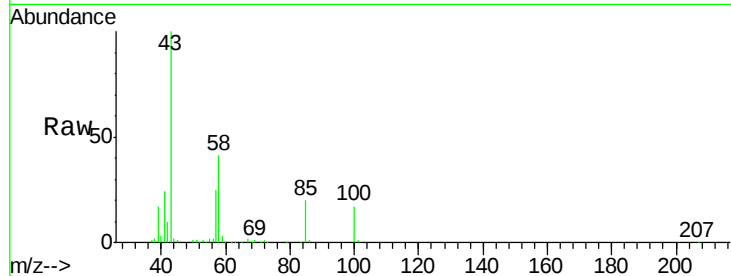
58 40.7 29.8 44.8

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#52

Toluene

Concen: 17.076 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN059812.D

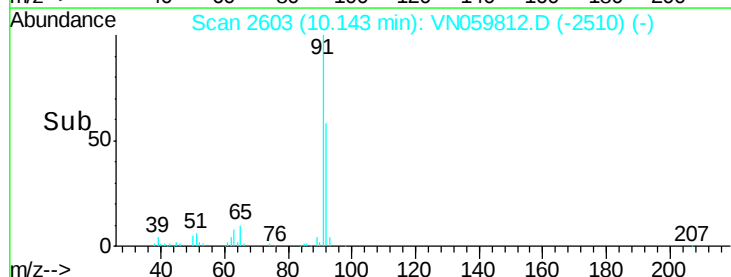
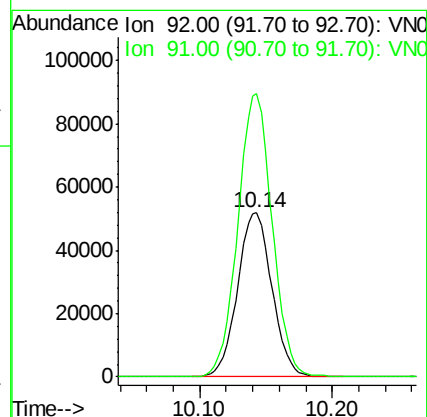
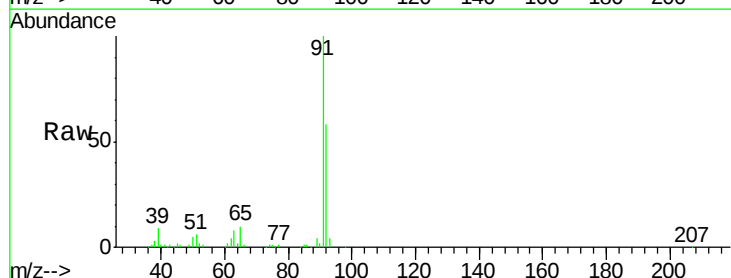
Acq: 21 Jan 2020 16:34

Tgt Ion: 92 Resp: 93505

Ion Ratio Lower Upper

92 100

91 171.7 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 16.521 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. 0.00 min

Lab File: VN059812.D

Acq: 21 Jan 2020 16:34

Instrument :

MSVOA_N

ClientSampleId :

VN0121MBS02

Tot Ion: 75 Resp: 56253

Ion Ratio Lower Upper

75 100

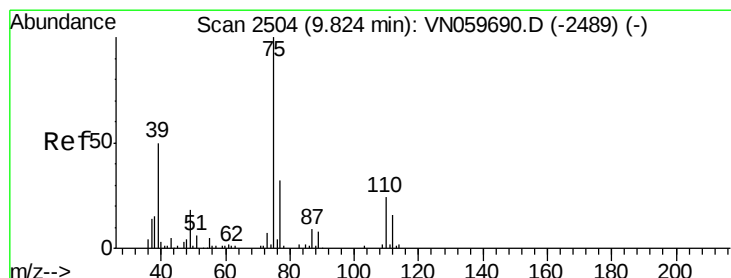
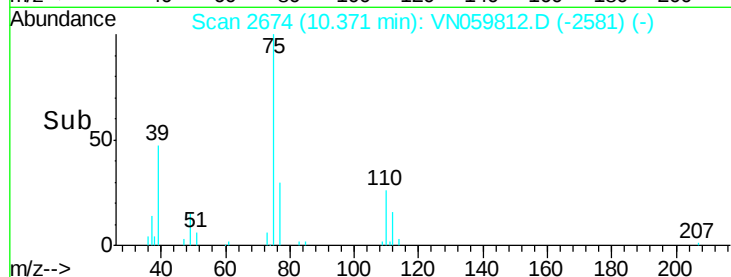
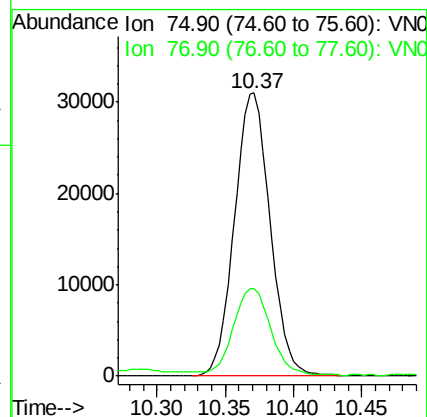
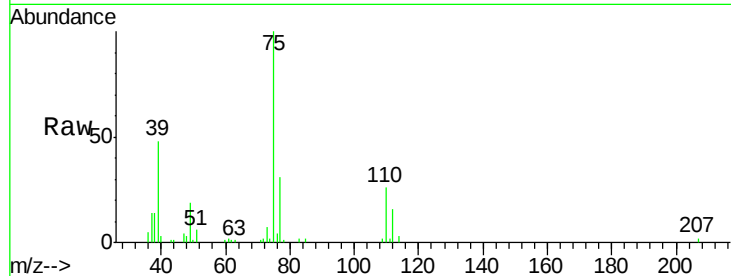
77 30.9 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 16.992 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN059812.D

Acq: 21 Jan 2020 16:34

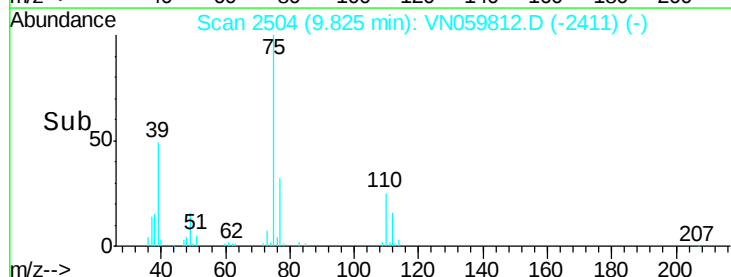
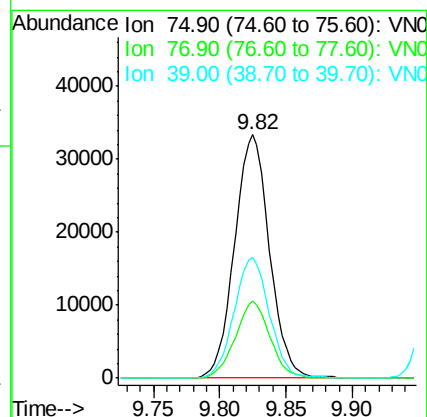
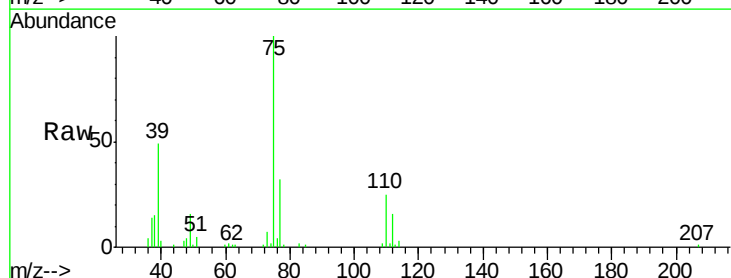
Tgt Ion: 75 Resp: 60873

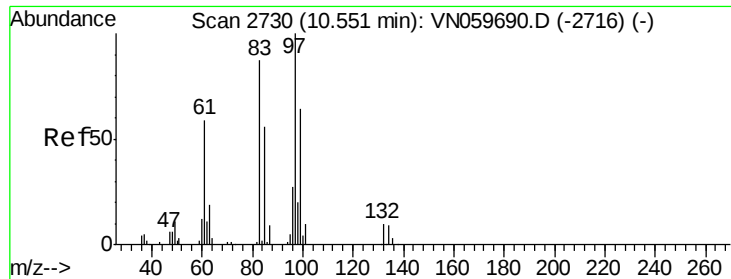
Ion Ratio Lower Upper

75 100

77 31.9 25.1 37.7

39 49.4 46.1 69.1





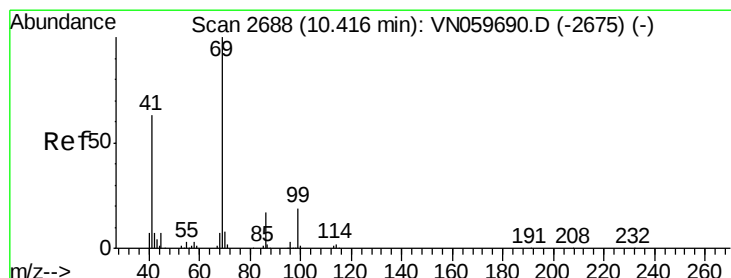
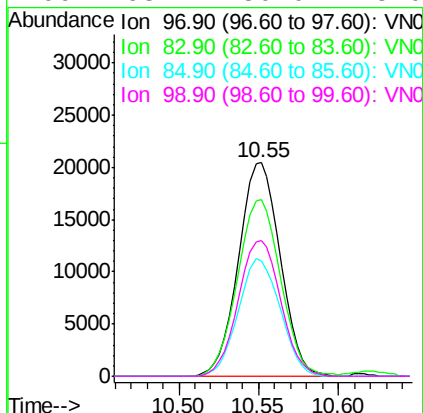
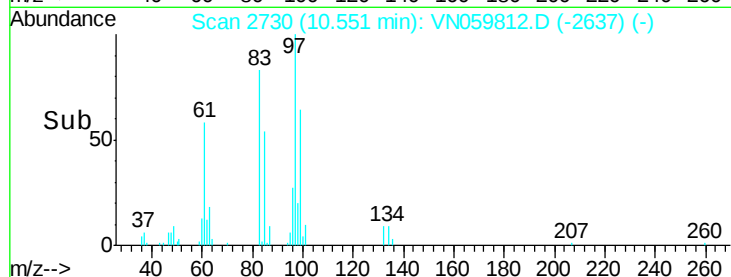
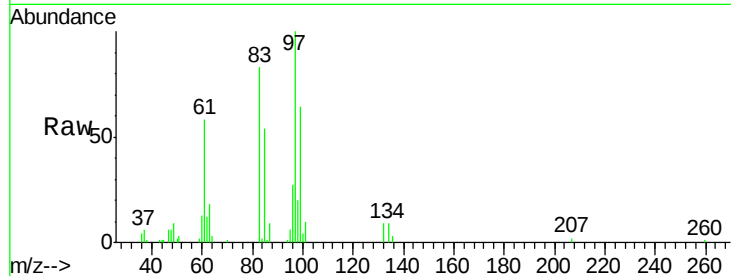
#55
 1,1,2-Trichloroethane
 Concen: 16.782 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN059812.D
 Acq: 21 Jan 2020 16:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121MBS02

Tot Ion:	97	Resp:	36395
Ion	Ratio	Lower	Upper
97	100		
83	82.7	71.3	106.9
85	54.1	45.8	68.8
99	63.7	50.0	75.0

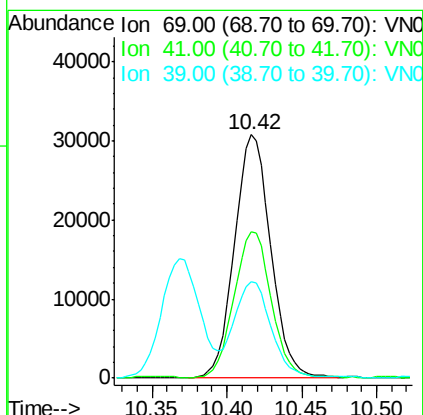
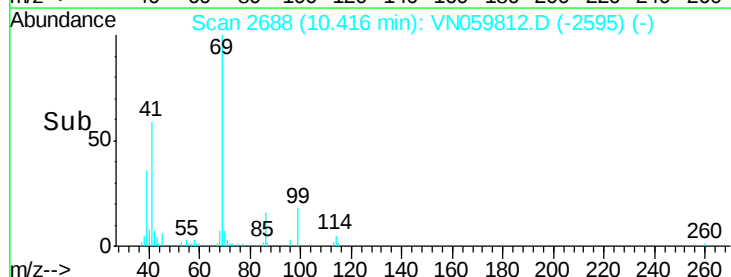
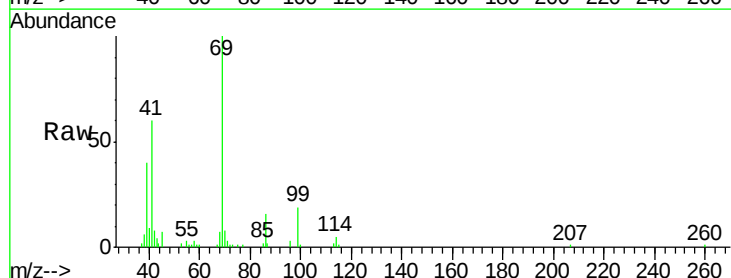
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#56
 Ethyl methacrylate
 Concen: 15.693 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN059812.D
 Acq: 21 Jan 2020 16:34

Tgt Ion:	69	Resp:	52004
Ion	Ratio	Lower	Upper
69	100		
41	61.9	57.1	85.7
39	40.2	34.7	52.1





#57

1,3-Dichloropropane

Concen: 17.001 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059812.D

Acq: 21 Jan 2020 16:34

Instrument :

MSVOA_N

ClientSampleId :

VN0121MBS02

Tot Ion: 76 Resp: 58535

Ion Ratio Lower Upper

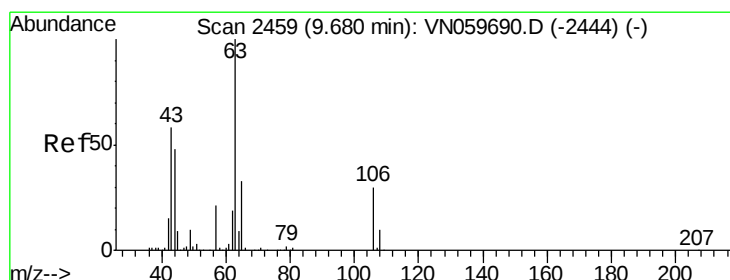
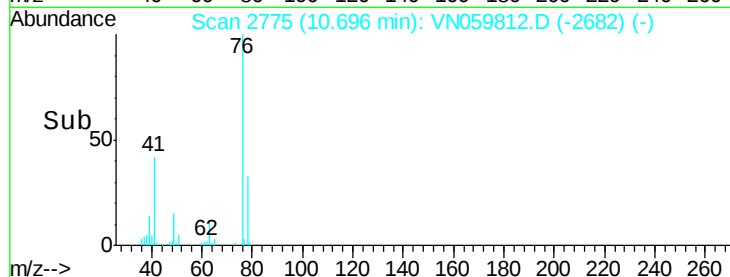
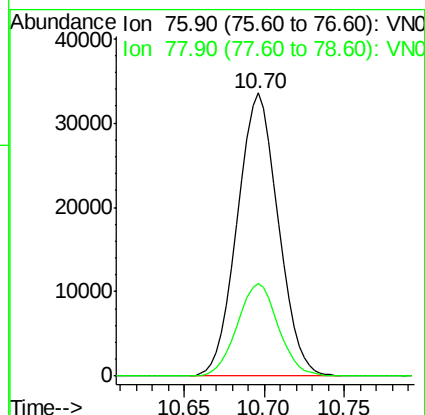
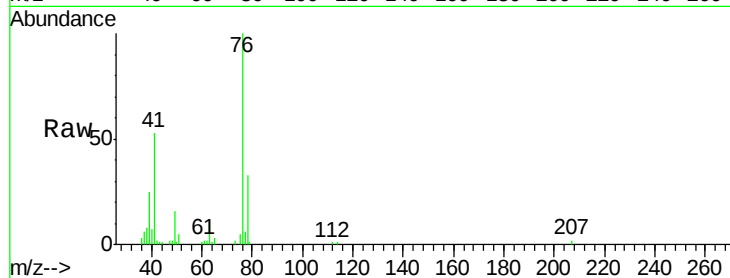
76 100

78 32.8 25.8 38.8

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#58

2-Chloroethyl Vinyl ether

Concen: 67.216 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN059812.D

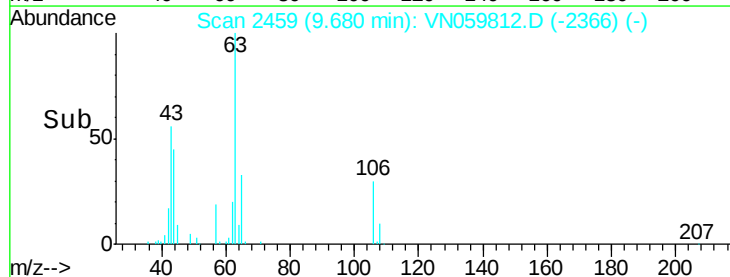
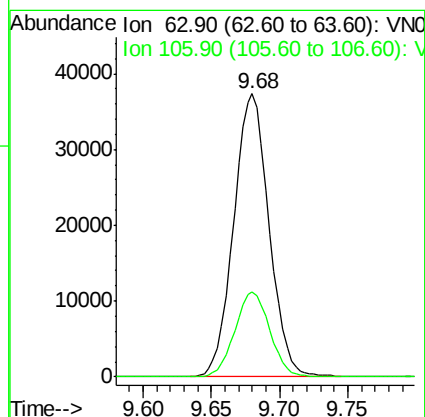
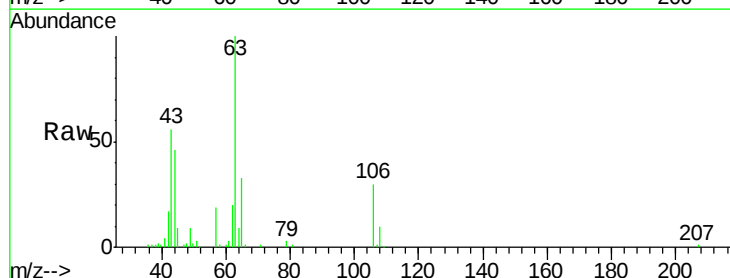
Acq: 21 Jan 2020 16:34

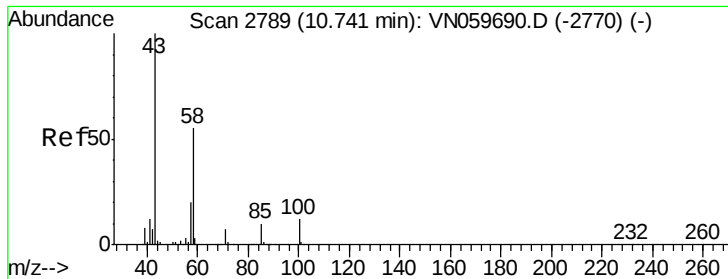
Tgt Ion: 63 Resp: 67090

Ion Ratio Lower Upper

63 100

106 29.7 20.2 30.2





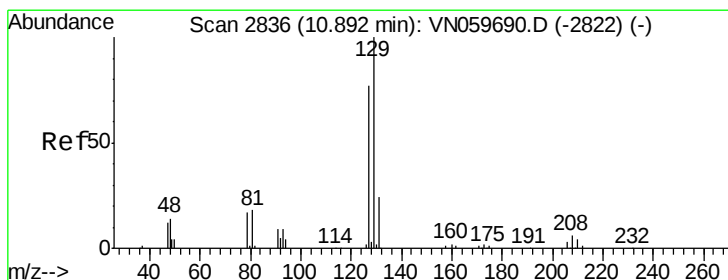
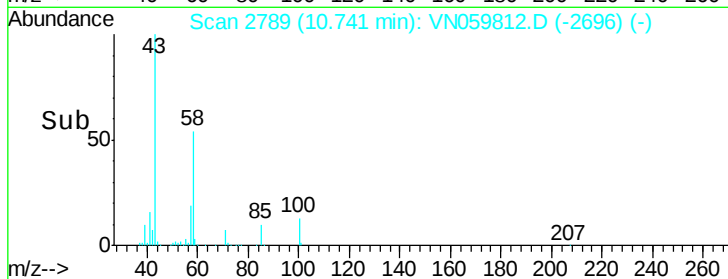
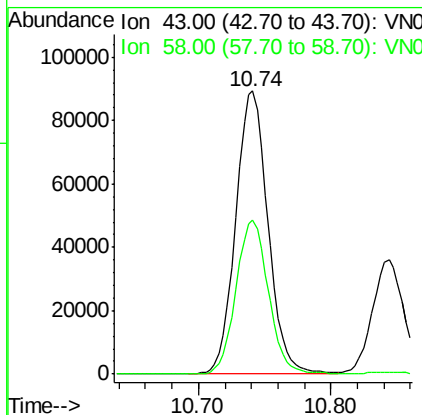
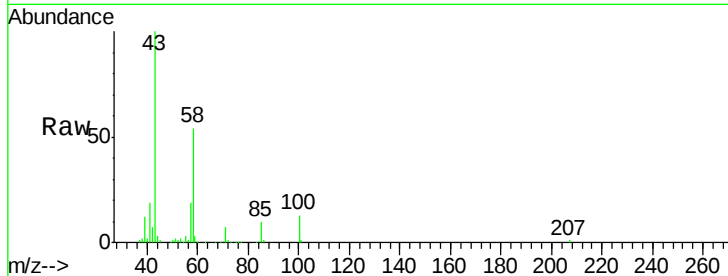
#59
2-Hexanone
Concen: 75.301 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059812.D
Acq: 21 Jan 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :
VN0121MBS02

Tot Ion: 43 Resp: 150377
Ion Ratio Lower Upper
43 100
58 54.9 25.8 77.3

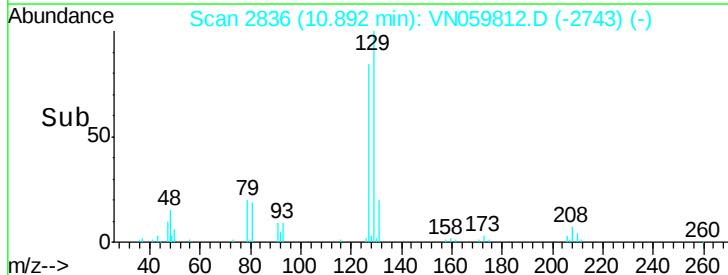
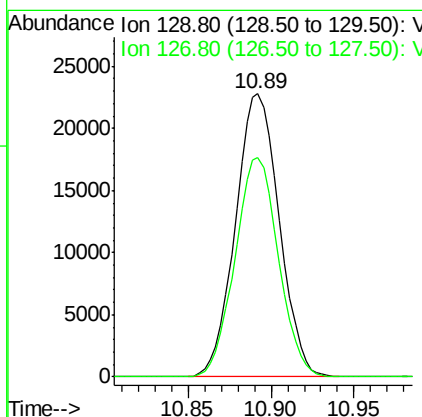
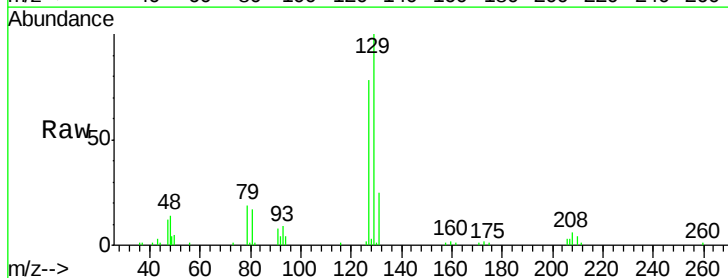
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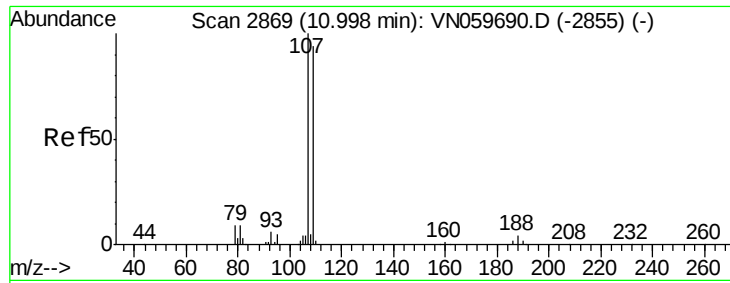
MMDadoda
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#60
Dibromochloromethane
Concen: 16.933 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059812.D
Acq: 21 Jan 2020 16:34

Tgt Ion: 129 Resp: 41819
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5





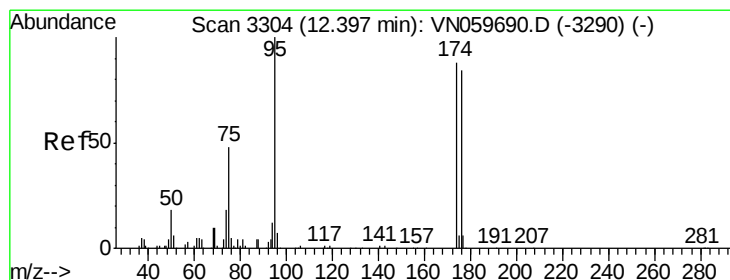
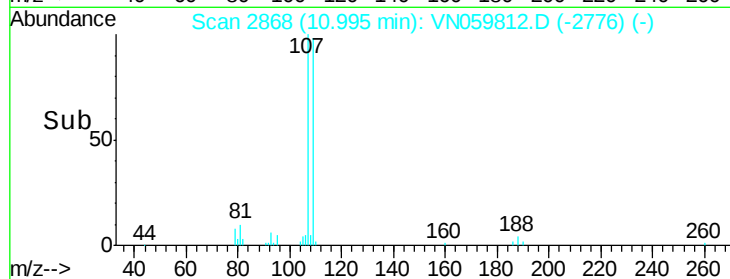
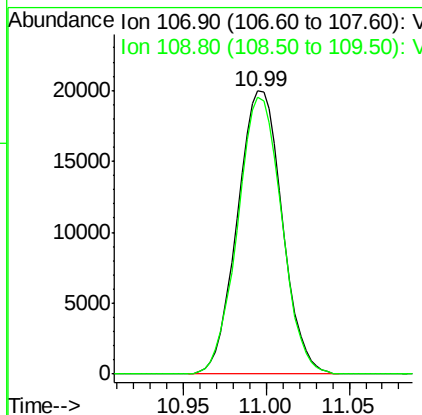
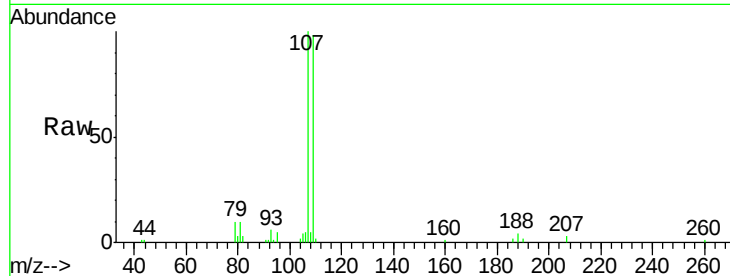
#61
 1,2-Dibromoethane
 Concen: 16.510 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN059812.D
 Acq: 21 Jan 2020 16:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121MBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.3	76.6	115.0

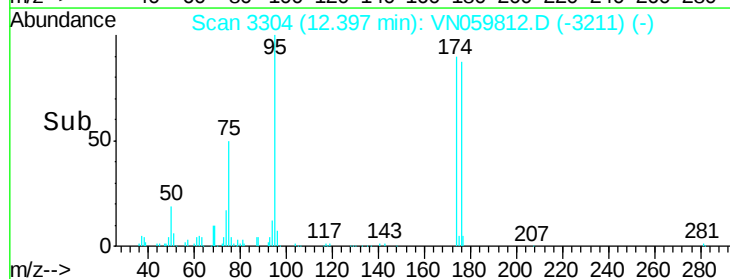
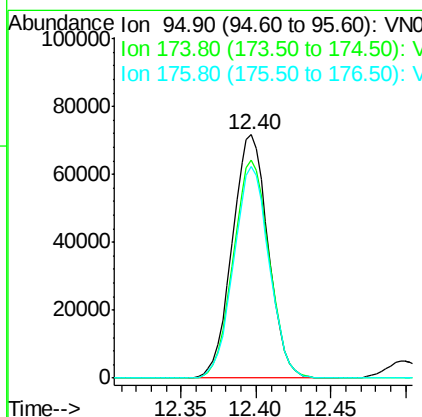
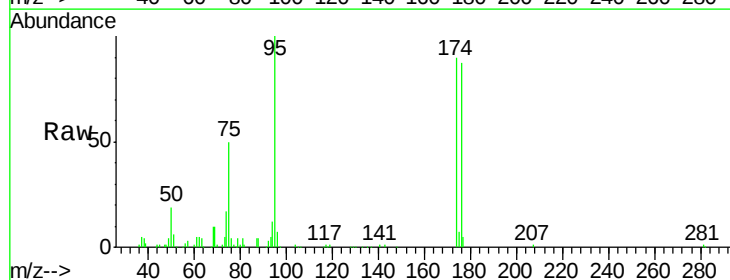
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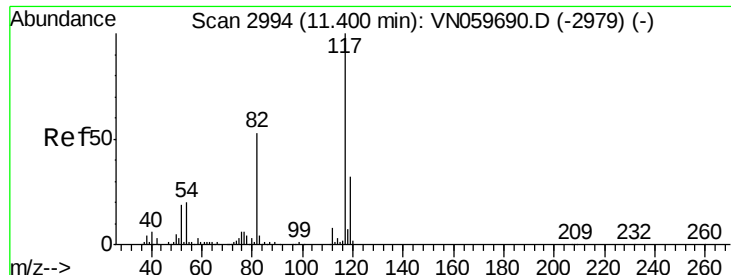
MMDadoda
 1/22/2020 11:15:05 AM



#62
 4-Bromofluorobenzene
 Concen: 43.035 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN059812.D
 Acq: 21 Jan 2020 16:34

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.5	0.0	151.4
176	86.1	0.0	146.0





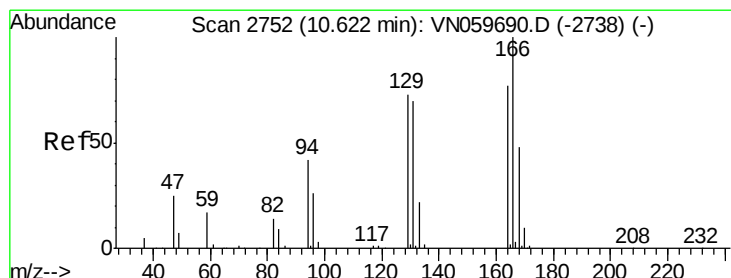
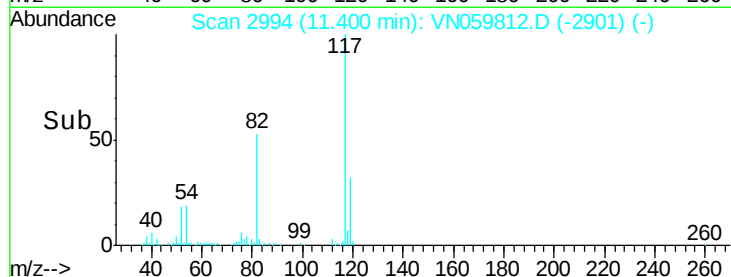
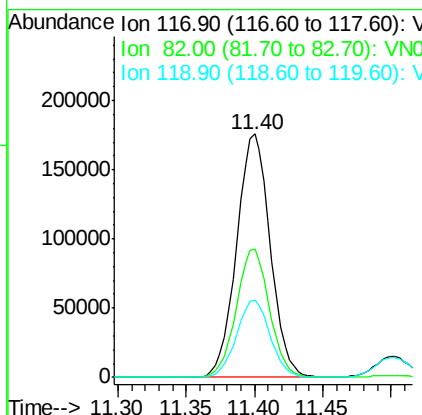
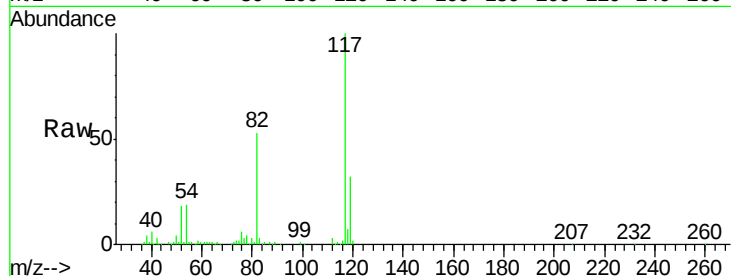
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059812.D
Acq: 21 Jan 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :
VN0121MBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	300483		
82	52.6		45.9	68.9
119	31.7		25.5	38.3

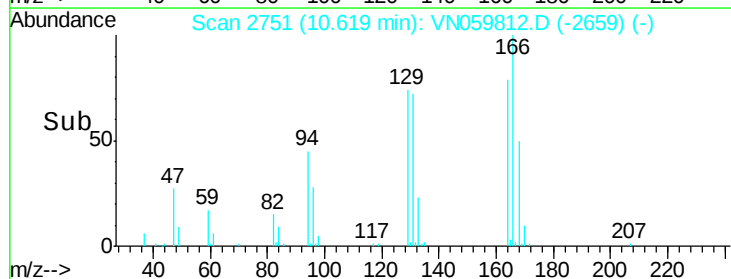
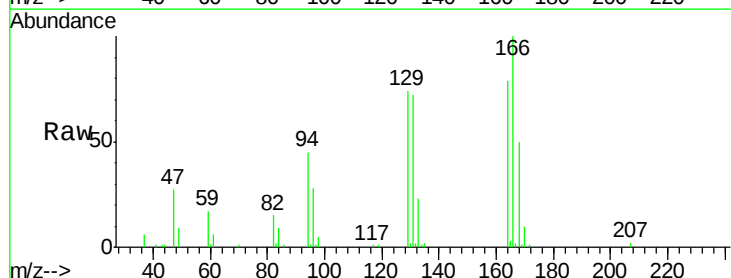
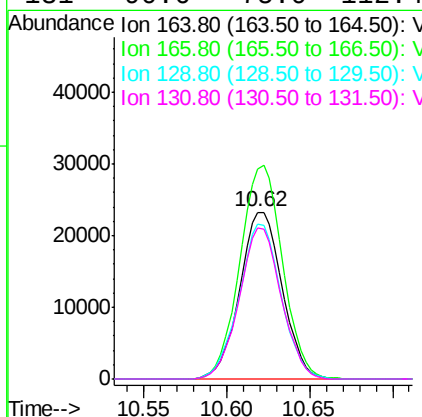
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#64
Tetrachloroethene
Concen: 16.900 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN059812.D
Acq: 21 Jan 2020 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	41388		
166	125.9		101.4	152.0
129	93.1		80.2	120.4
131	90.6		75.0	112.4





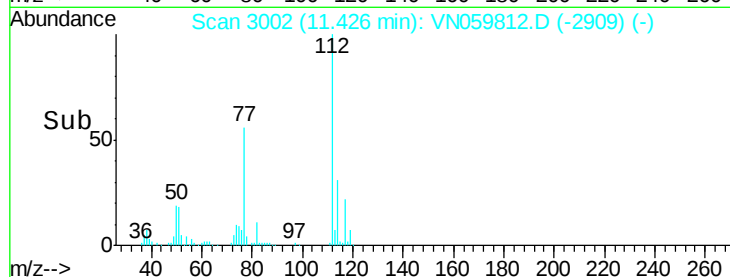
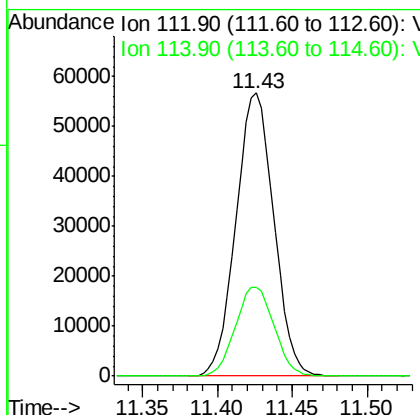
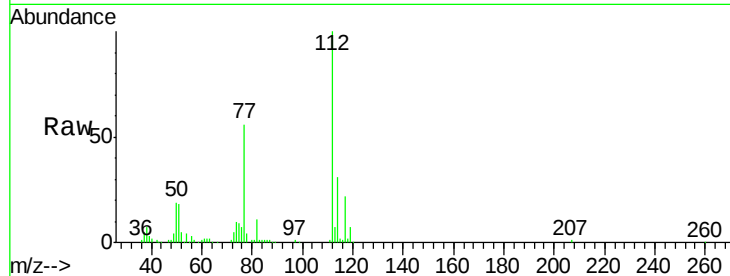
#65
Chlorobenzene
Concen: 16.929 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN059812.D
Acq: 21 Jan 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :
VN0121MBS02

Tot Ion:112 Resp: 99983
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.8

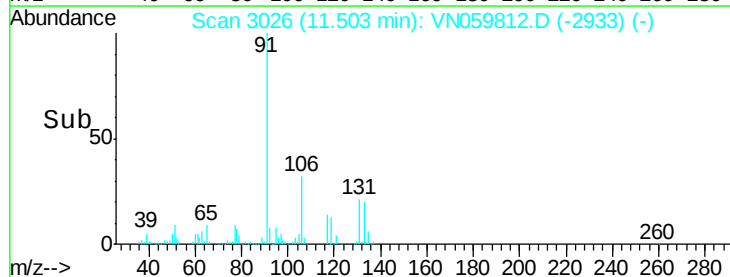
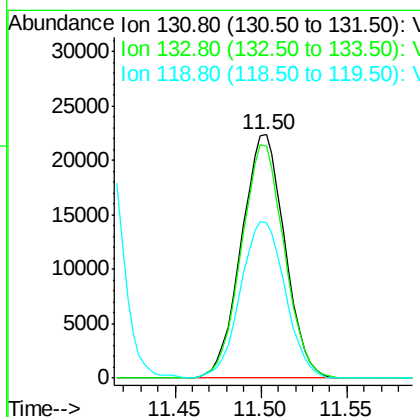
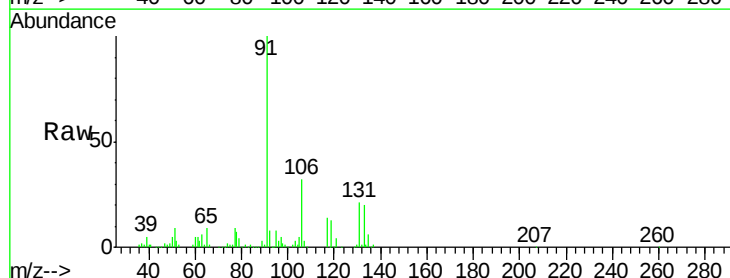
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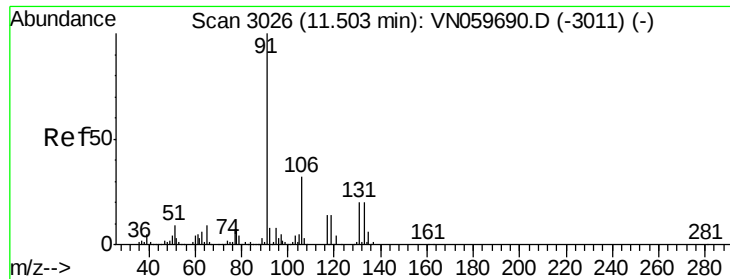
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#66
1,1,1,2-Tetrachloroethane
Concen: 17.189 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059812.D
Acq: 21 Jan 2020 16:34

Tgt Ion:131 Resp: 39228
Ion Ratio Lower Upper
131 100
133 95.1 47.4 142.2
119 66.0 33.1 99.3





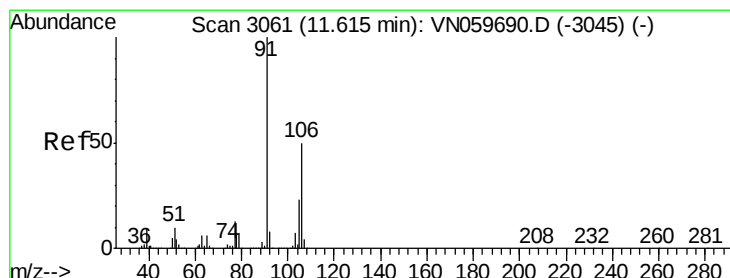
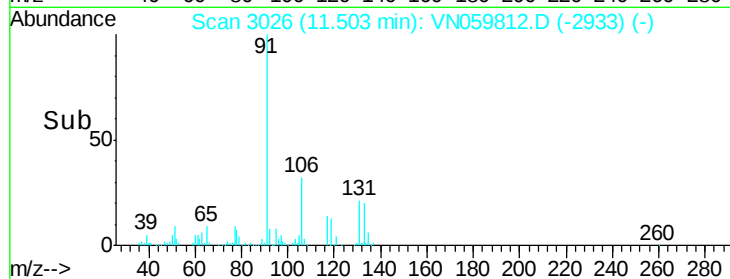
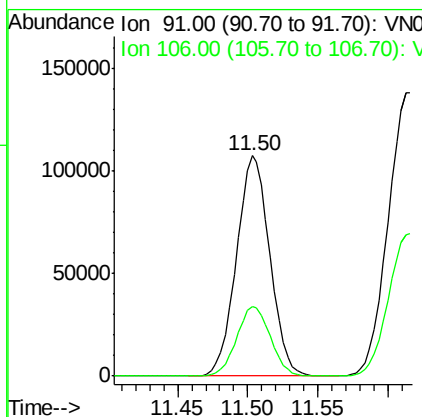
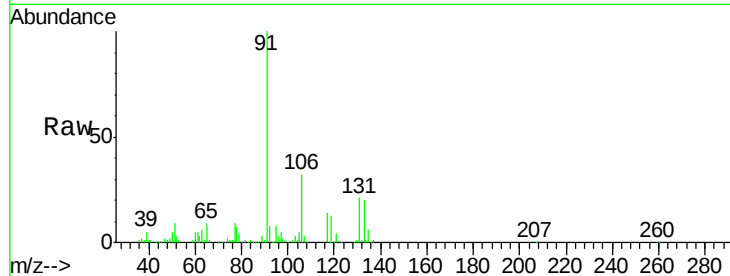
#67
Ethyl Benzene
Concen: 16.620 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059812.D
Acq: 21 Jan 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :
VN0121MBS02

Tot Ion: 91 Resp: 178188
Ion Ratio Lower Upper
91 100
106 31.7 24.1 36.1

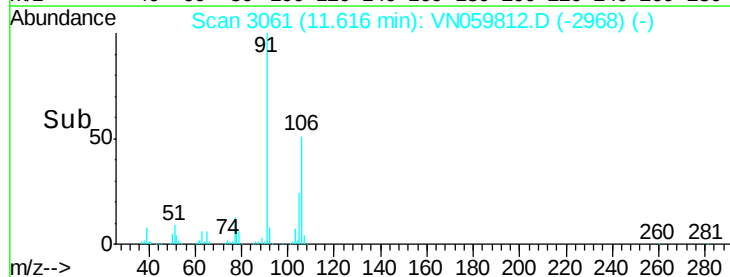
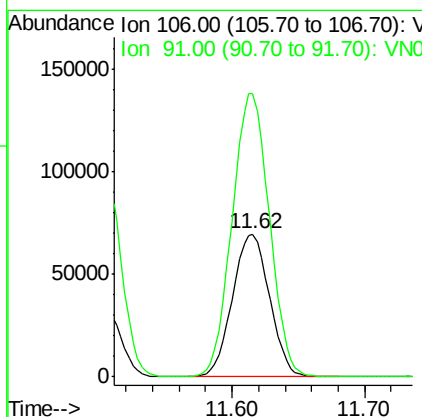
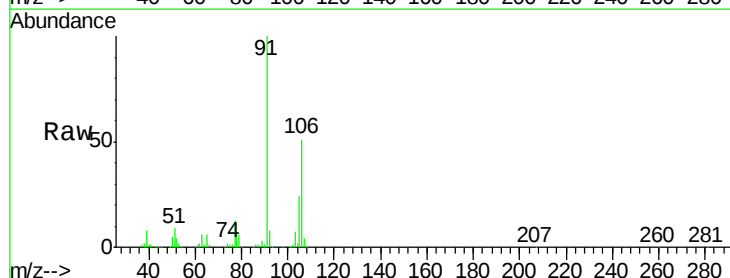
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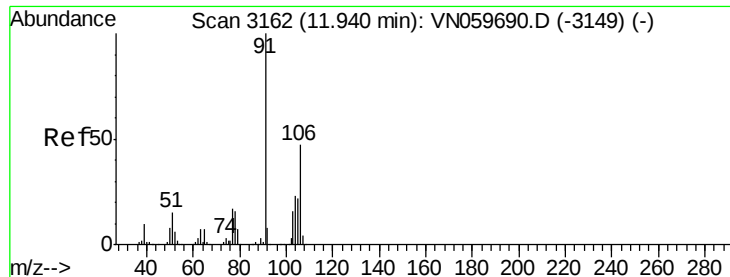
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#68
m/p-Xylenes
Concen: 33.428 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN059812.D
Acq: 21 Jan 2020 16:34

Tgt Ion: 106 Resp: 135383
Ion Ratio Lower Upper
106 100
91 198.5 167.9 251.9





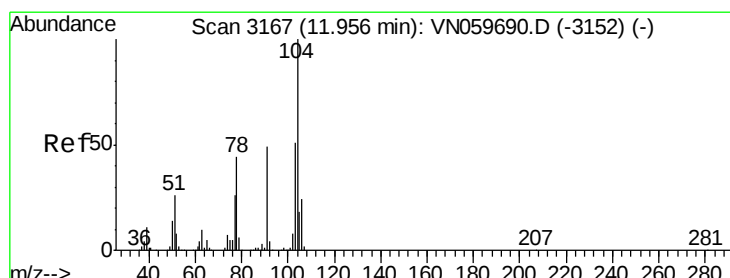
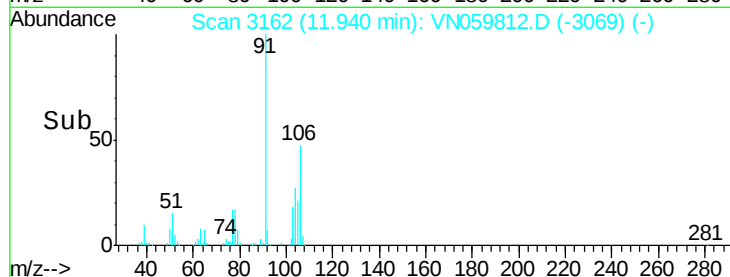
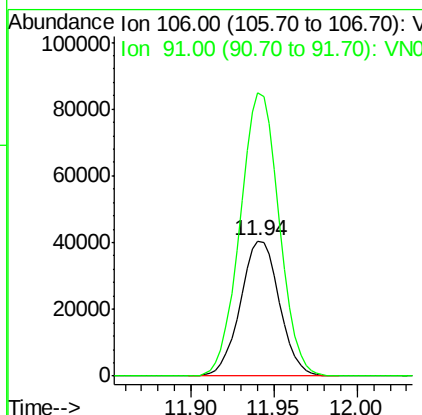
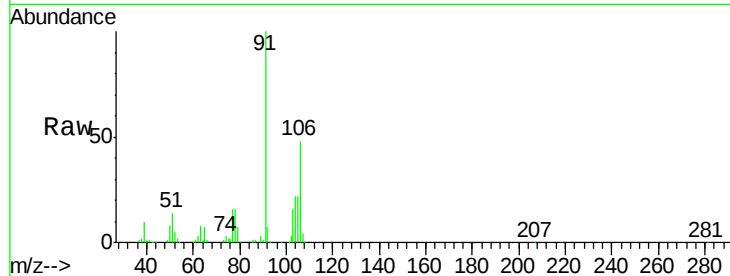
#69
o-Xylene
Concen: 16.725 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN059812.D
Acq: 21 Jan 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :
VN0121MBS02

Tot Ion:106 Resp: 66313
Ion Ratio Lower Upper
106 100
91 209.7 110.3 330.9

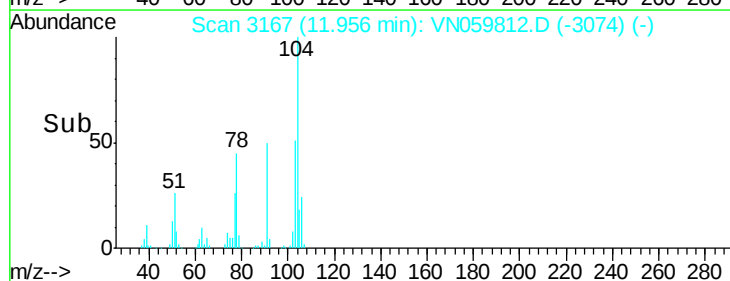
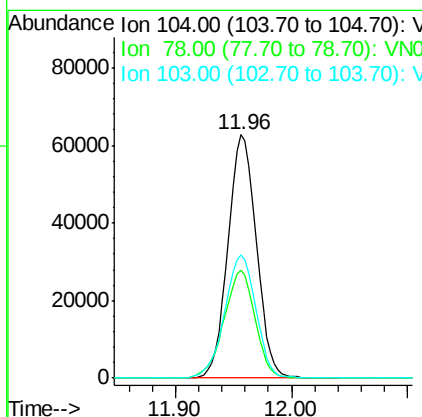
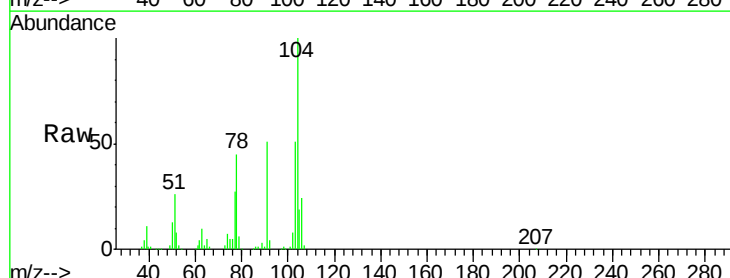
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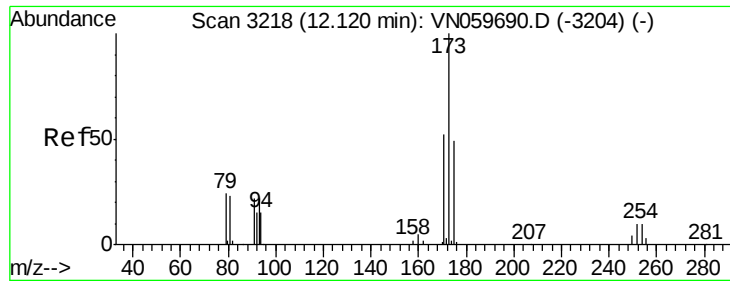
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#70
Styrene
Concen: 16.037 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN059812.D
Acq: 21 Jan 2020 16:34

Tgt Ion:104 Resp: 106403
Ion Ratio Lower Upper
104 100
78 48.2 42.4 63.6
103 55.4 43.9 65.9





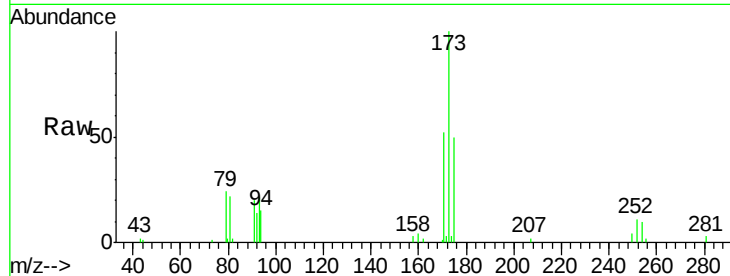
#71
Bromoform
Concen: 17.076 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN059812.D
Acq: 21 Jan 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :
VN0121MBS02

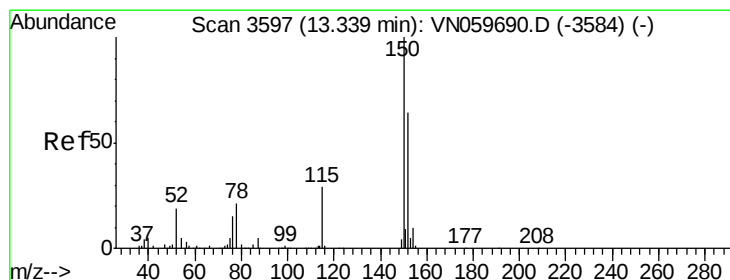
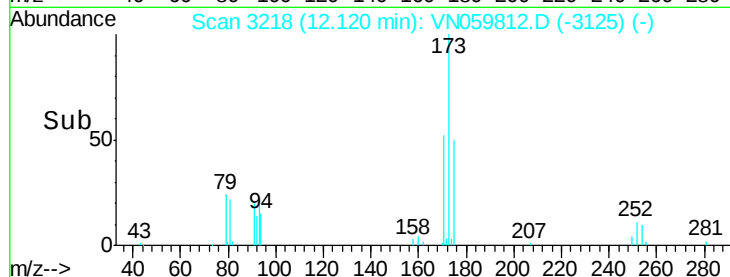
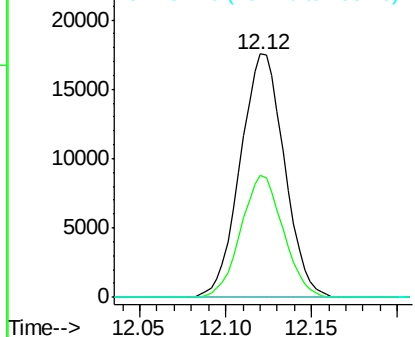
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	23.8	71.4
254	0.0	0.0	0.0

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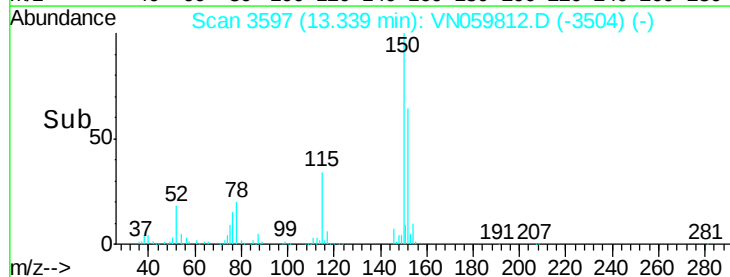
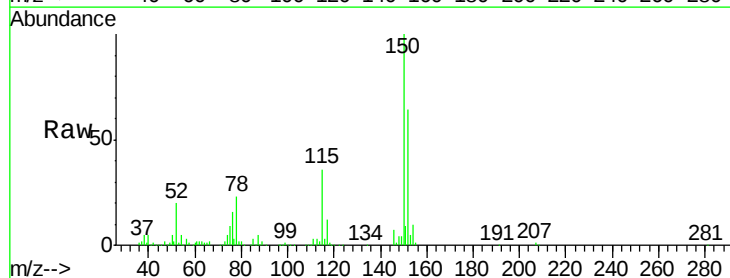
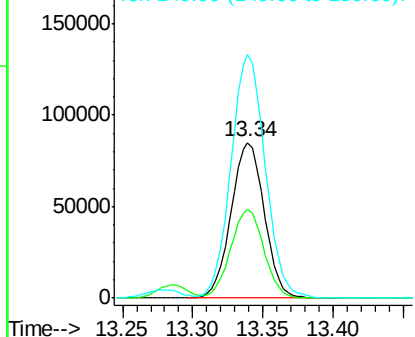
Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

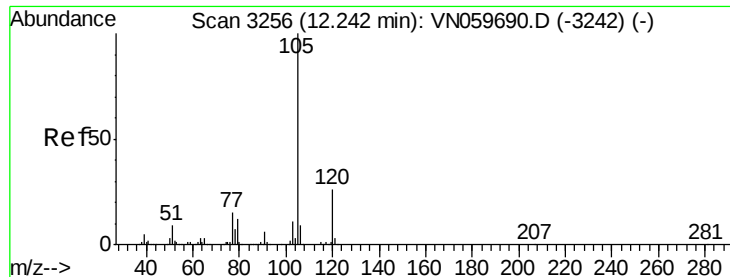


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059812.D
Acq: 21 Jan 2020 16:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.1	30.3	90.9
150	161.5	0.0	345.2

Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





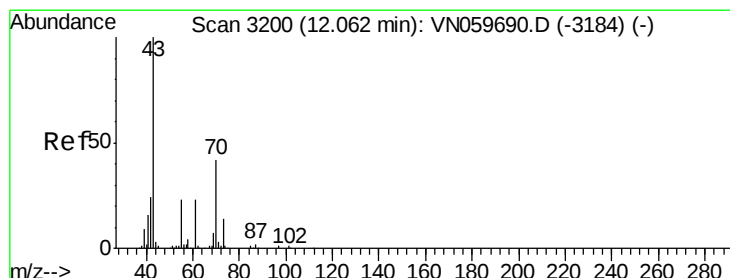
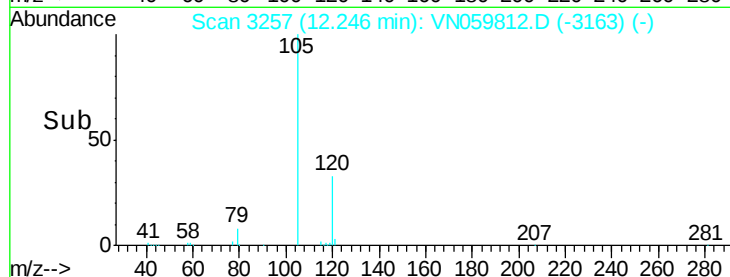
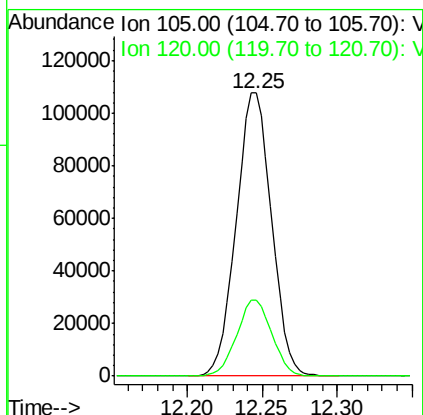
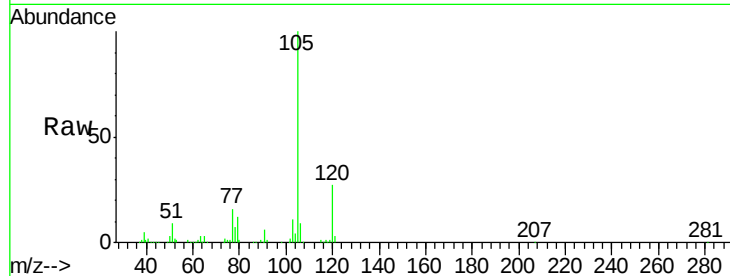
#73
Isopropylbenzene
Concen: 17.186 ug/l
RT: 12.25 min Scan# 3257
Delta R.T. 0.00 min
Lab File: VN059812.D
Acq: 21 Jan 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :
VN0121MBS02

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.2	39.5

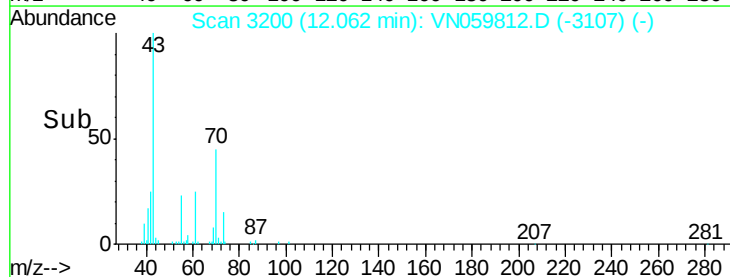
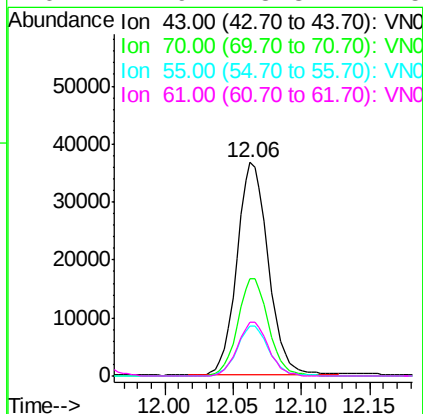
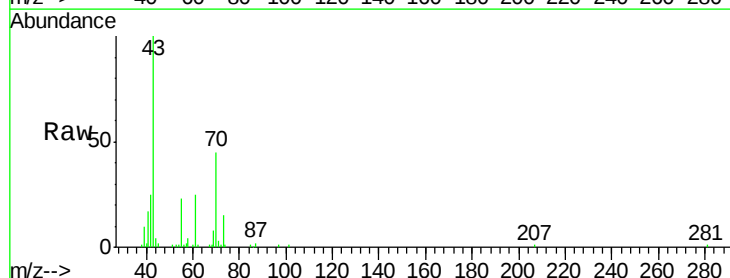
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#74
N-ethyl acetate
Concen: 14.660 ug/l
RT: 12.06 min Scan# 3200
Delta R.T. 0.00 min
Lab File: VN059812.D
Acq: 21 Jan 2020 16:34

Tgt Ion	Ratio	Lower	Upper
43	100		
70	44.9	31.3	46.9
55	23.8	19.8	29.6
61	24.9	18.3	27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 16.363 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059812.D

Acq: 21 Jan 2020 16:34

Instrument :

MSVOA_N

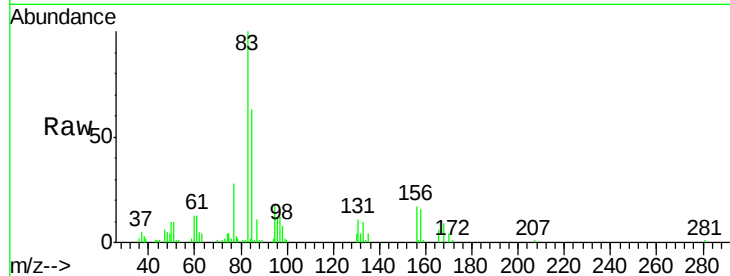
ClientSampleId :

VN0121MBS02

Tot Ion:	83	Resp:	48855
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.0	14.9
85	64.1	31.9	95.5

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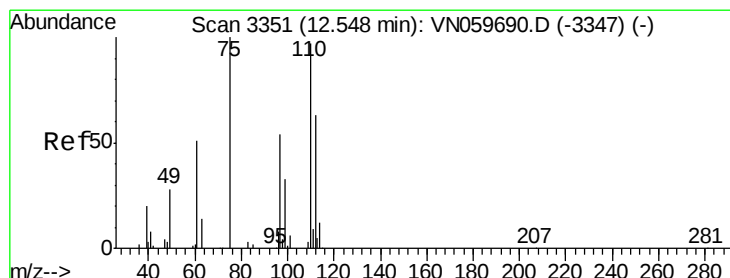
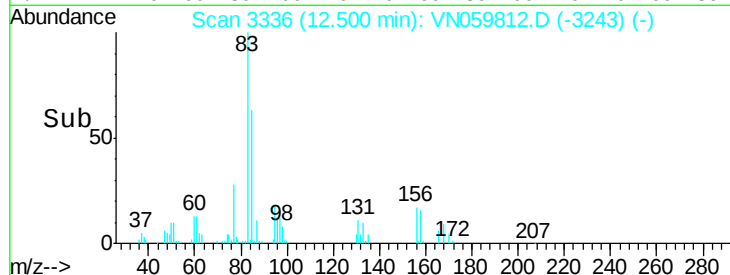
Abundance Ion 82.90 (82.60 to 83.60): VN059812.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN059812.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN059812.D (-3243) (-)

Time-->

12.45 12.50 12.55



#76

1,2,3-Trichloropropane

Concen: 18.475 ug/l m

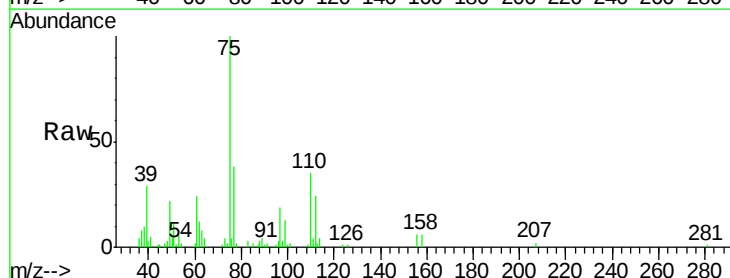
RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN059812.D

Acq: 21 Jan 2020 16:34

Tgt Ion:	75	Resp:	43663
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0

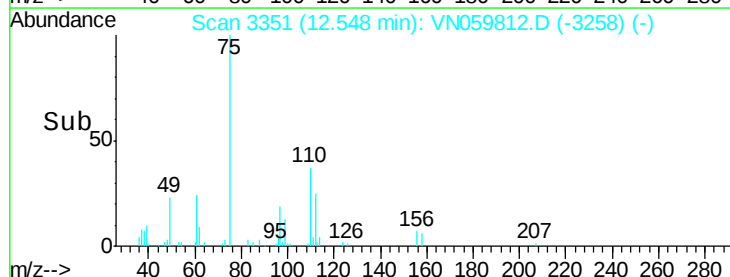


Abundance Ion 74.90 (74.60 to 75.60): VN059812.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN059812.D (-3258) (-)

Time-->

12.55





#77

Bromobenzene

Concen: 17.325 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN059812.D

Acq: 21 Jan 2020 16:34

Instrument :

MSVOA_N

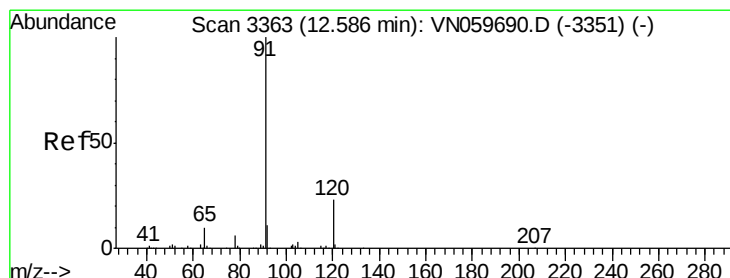
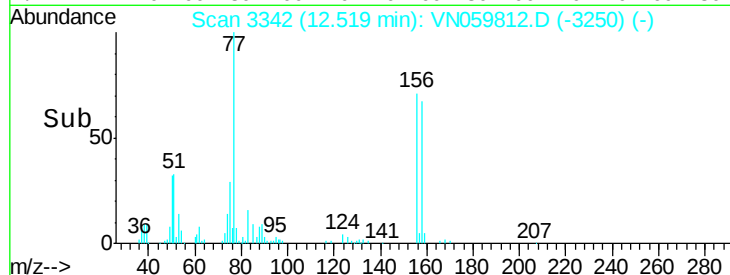
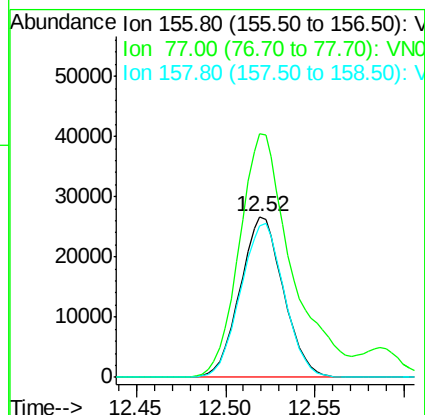
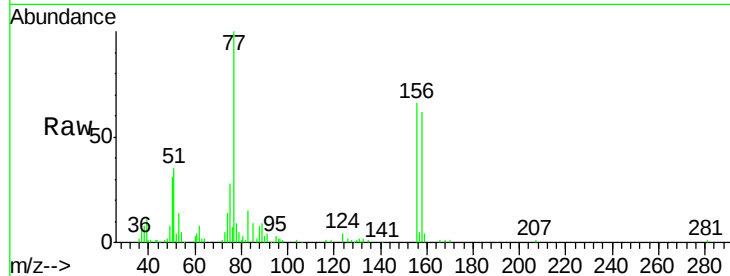
ClientSampleId :

VN0121MBS02

Tot Ion	Ratio	Lower	Upper
156	100		
77	183.8	115.8	347.4
158	96.7	49.2	147.6

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#78

n-propylbenzene

Concen: 16.754 ug/l

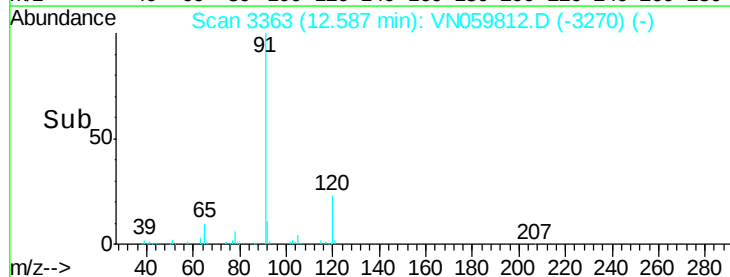
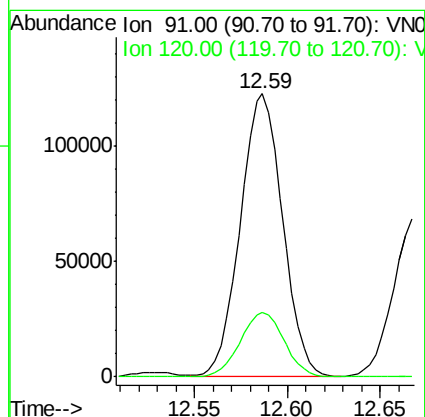
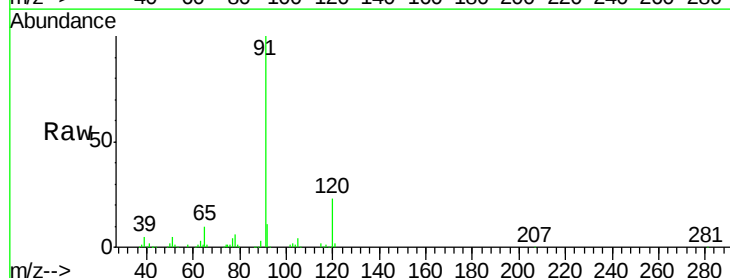
RT: 12.59 min Scan# 3363

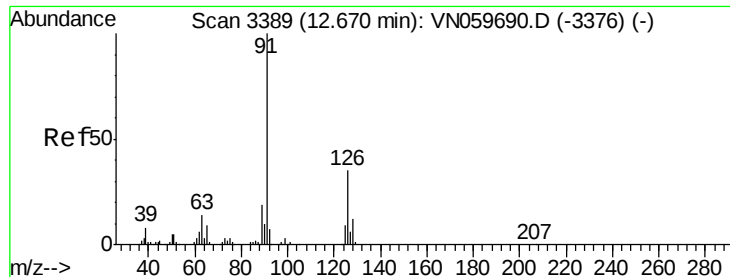
Delta R.T. 0.00 min

Lab File: VN059812.D

Acq: 21 Jan 2020 16:34

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.9	11.1	33.3





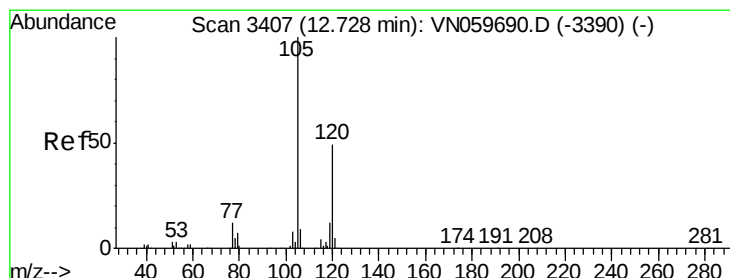
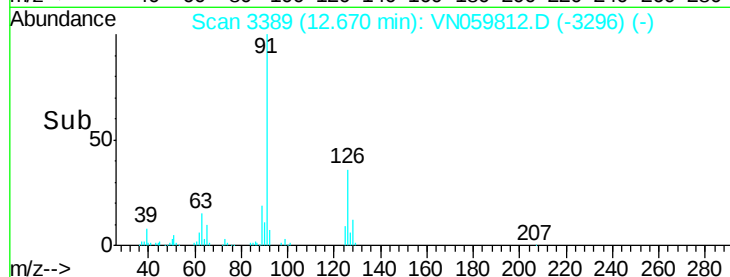
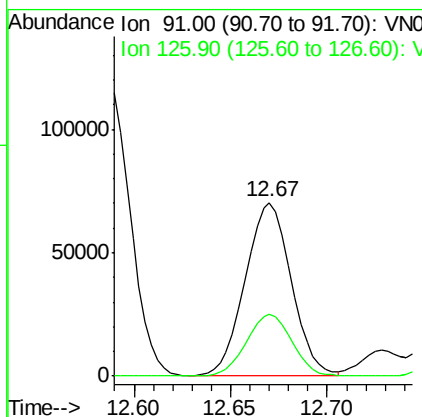
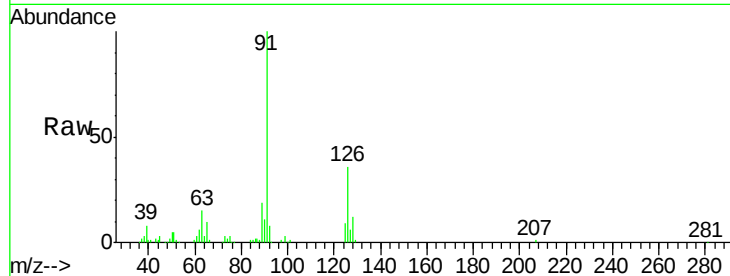
#79
 2-Chlorotoluene
 Concen: 16.852 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. 0.00 min
 Lab File: VN059812.D
 Acq: 21 Jan 2020 16:34

Instrument :
 MSVOA_N
 ClientSampled :
 VN0121MBS02

Tot Ion: 91 Resp: 115893
 Ion Ratio Lower Upper
 91 100
 126 35.3 16.3 48.9

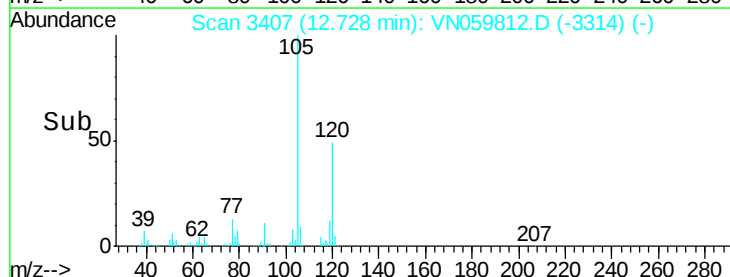
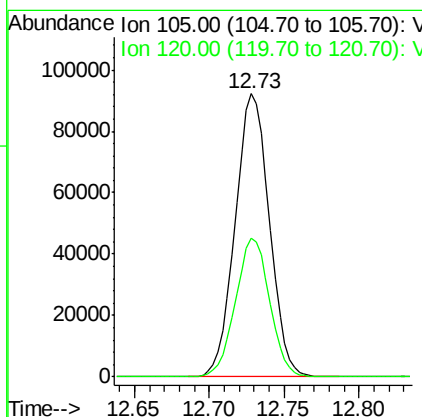
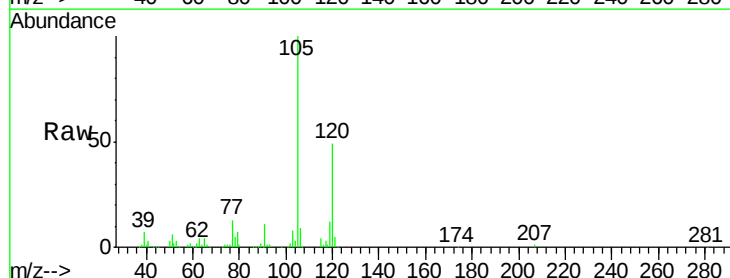
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#80
 1,3,5-Trimethylbenzene
 Concen: 16.947 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN059812.D
 Acq: 21 Jan 2020 16:34

Tgt Ion: 105 Resp: 146788
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.1 72.4





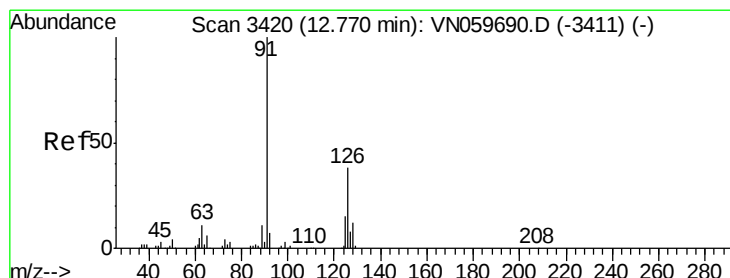
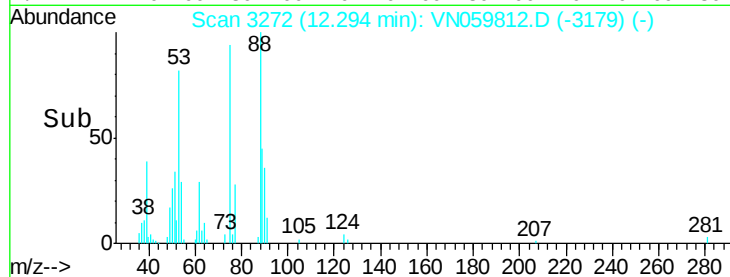
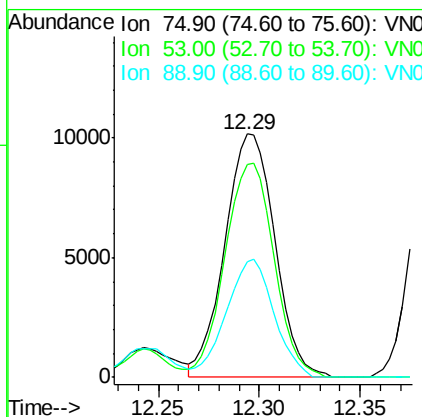
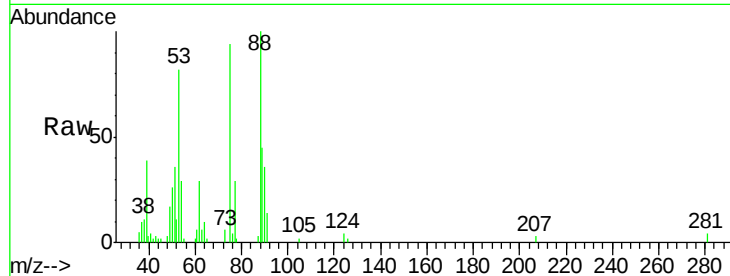
#81
trans-1,4-Dichloro-2-butene
Concen: 16.041 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. 0.00 min
Lab File: VN059812.D
Acq: 21 Jan 2020 16:34

Instrument :
MSVOA_N
ClientSampled :
VN0121MBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.9	78.1	117.1
89	46.4	35.4	53.2

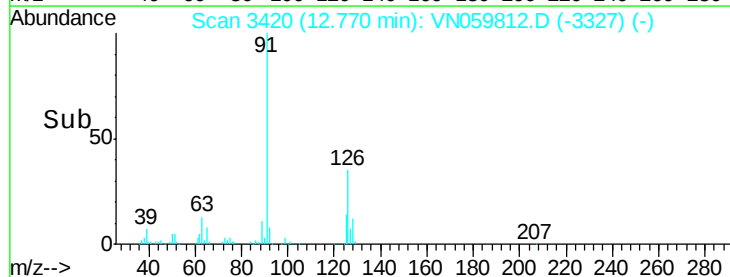
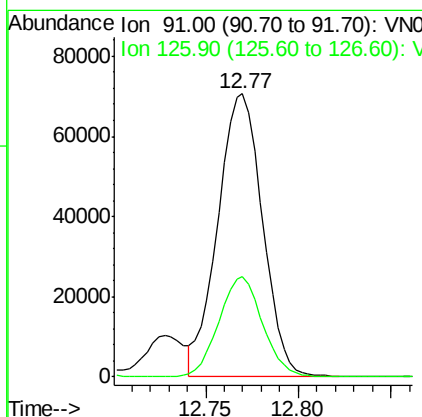
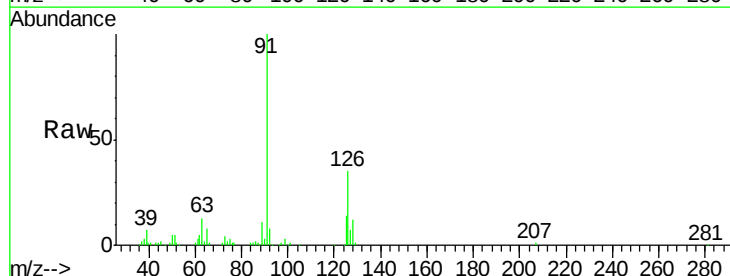
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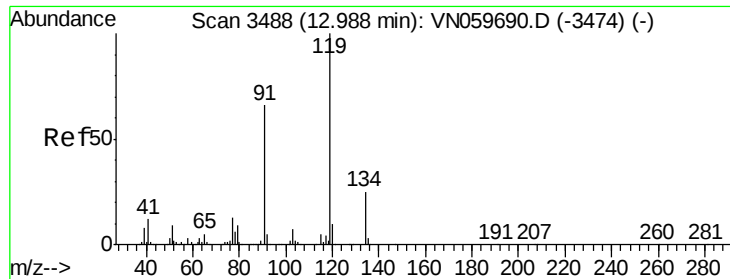
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#82
4-Chlorotoluene
Concen: 17.002 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN059812.D
Acq: 21 Jan 2020 16:34

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.9	16.3	48.8





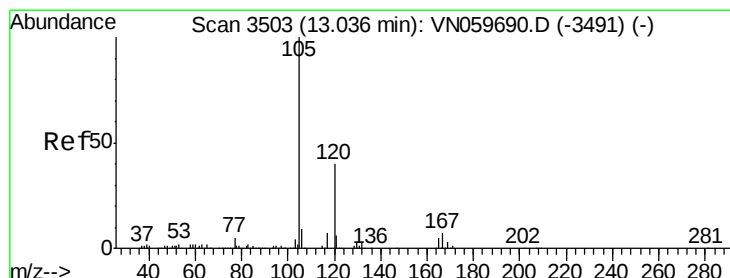
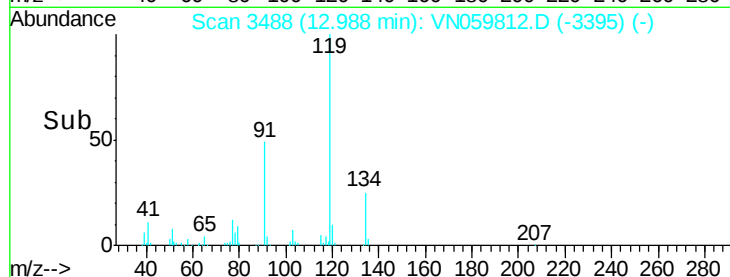
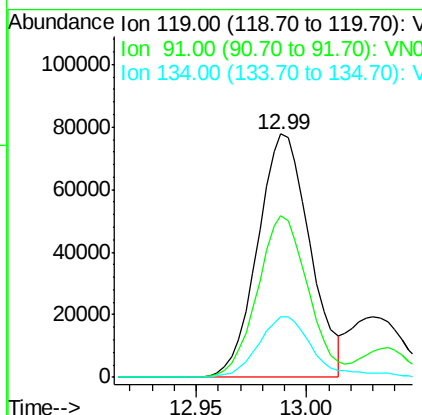
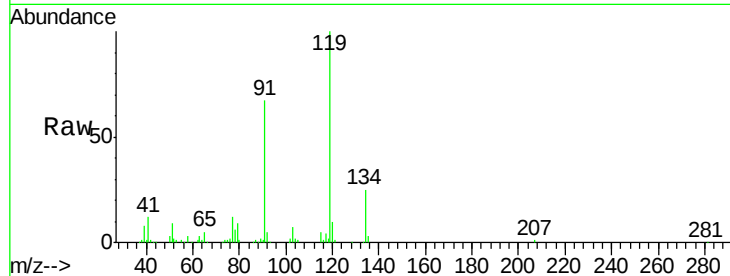
#83
 tert-Butylbenzene
 Concen: 17.015 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. 0.00 min
 Lab File: VN059812.D
 Acq: 21 Jan 2020 16:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121MBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.5	34.8	104.4
134	26.3	12.3	36.9

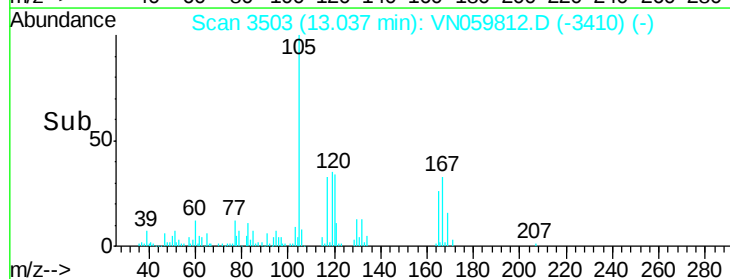
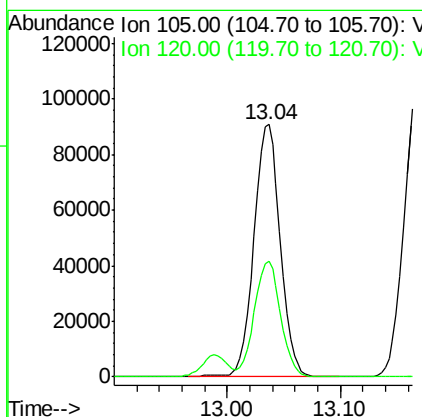
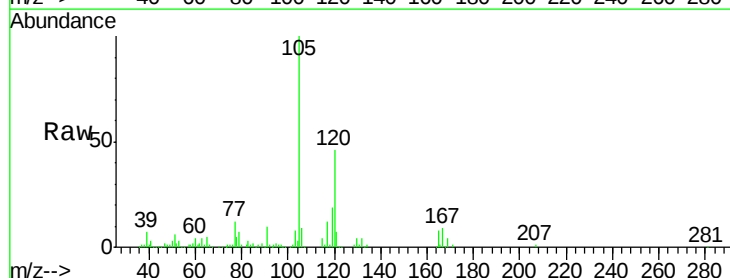
Manual Integrations
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#84
 1,2,4-Trimethylbenzene
 Concen: 17.108 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN059812.D
 Acq: 21 Jan 2020 16:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.3	66.9





#85

sec-Butylbenzene

Concen: 16.843 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN059812.D

Acq: 21 Jan 2020 16:34

Instrument :

MSVOA_N

ClientSampleId :

VN0121MBS02

Tot Ion:105 Resp: 165779

Ion Ratio Lower Upper

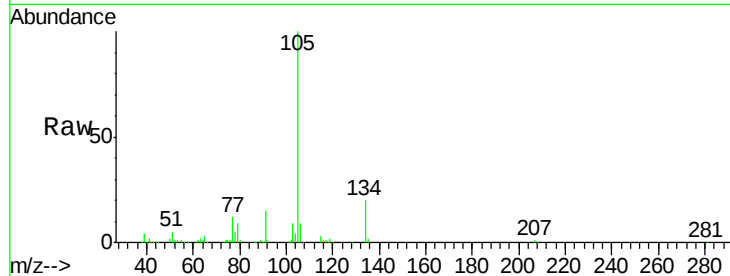
105 100

134 20.0 9.8 29.5

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

120000

100000

80000

60000

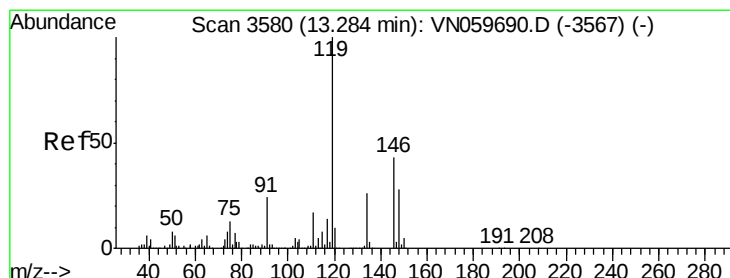
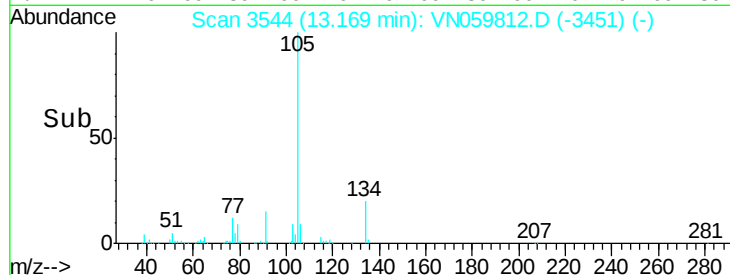
40000

20000

0

13.10 13.15 13.20 13.25

Time-->



#86

p-Isopropyltoluene

Concen: 16.864 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN059812.D

Acq: 21 Jan 2020 16:34

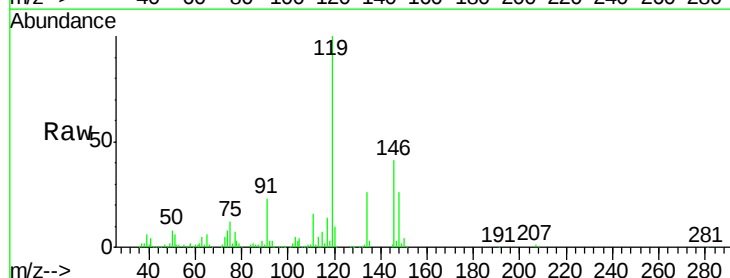
Tgt Ion:119 Resp: 153578

Ion Ratio Lower Upper

119 100

134 26.7 12.9 38.7

91 23.0 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

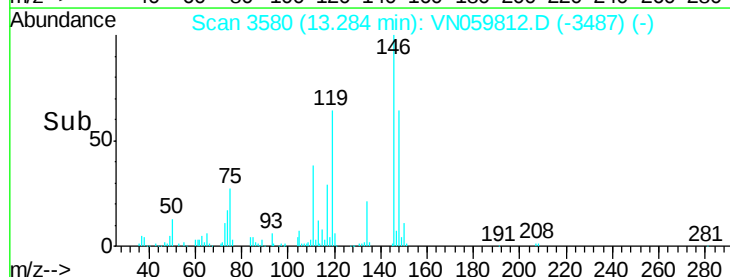
100000

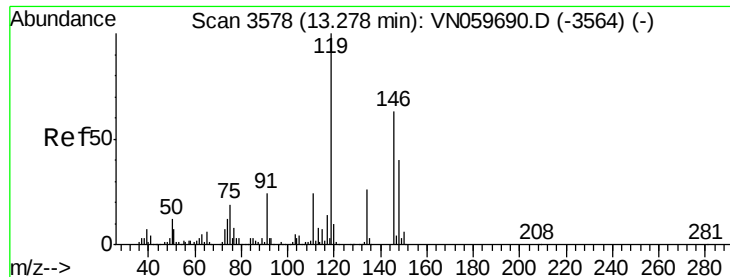
50000

0

13.20 13.30

Time-->





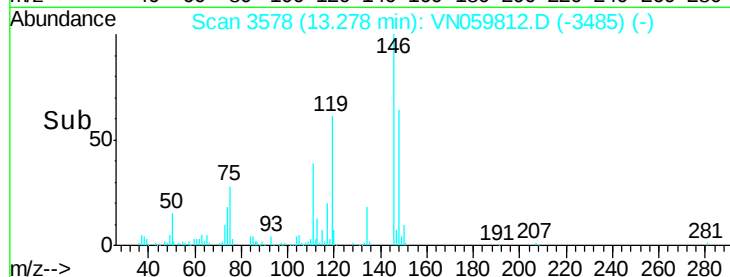
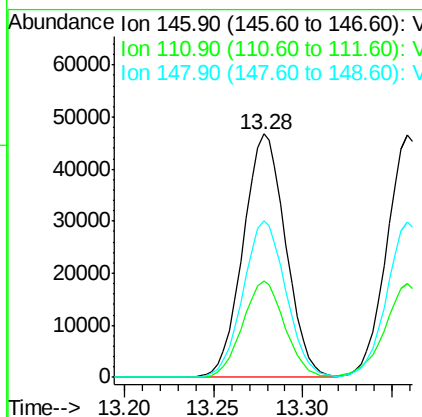
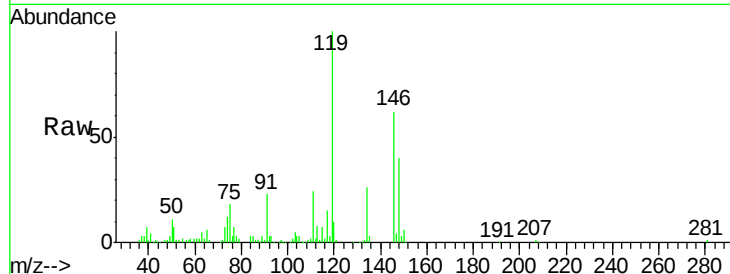
#87
 1,3-Dichlorobenzene
 Concen: 17.260 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN059812.D
 Acq: 21 Jan 2020 16:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121MBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	20.8	62.2
148	64.5	32.0	96.0

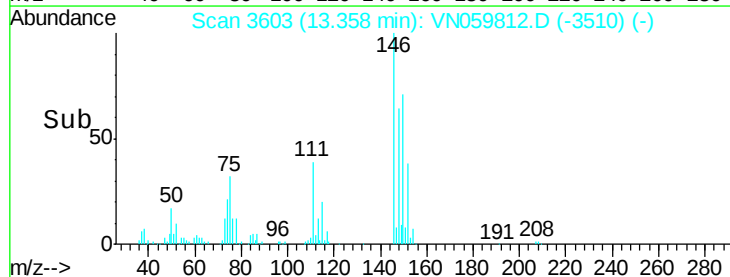
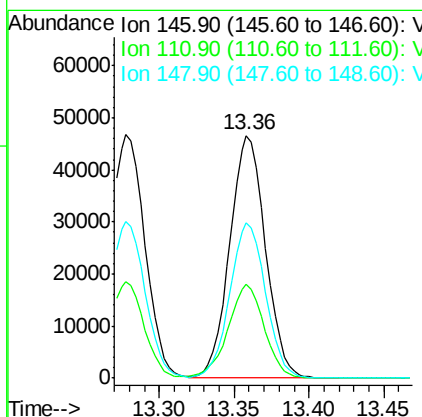
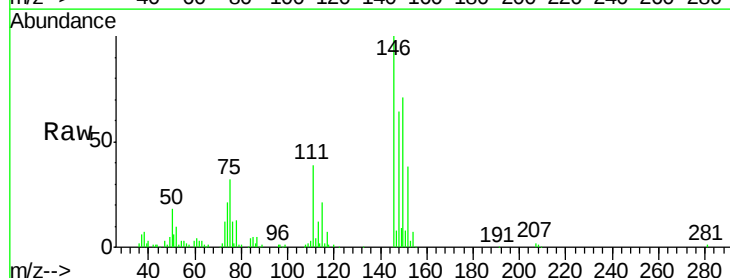
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#88
 1,4-Dichlorobenzene
 Concen: 17.157 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN059812.D
 Acq: 21 Jan 2020 16:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	20.8	62.2
148	64.2	31.8	95.4





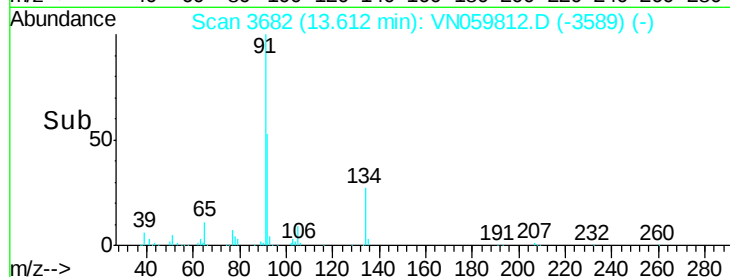
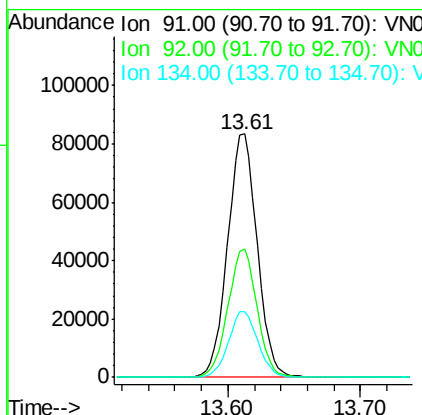
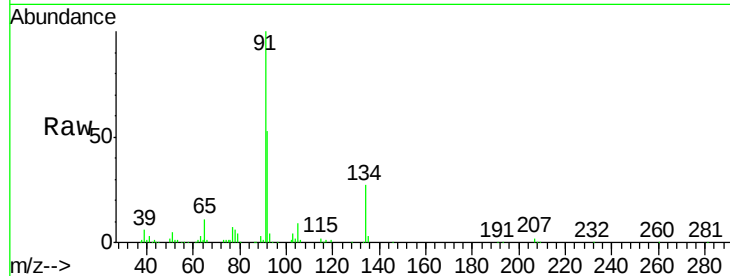
#89
n-Butylbenzene
Concen: 16.611 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN059812.D
Acq: 21 Jan 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :
VN0121MBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	25.9	77.7
134	26.8	12.3	36.8

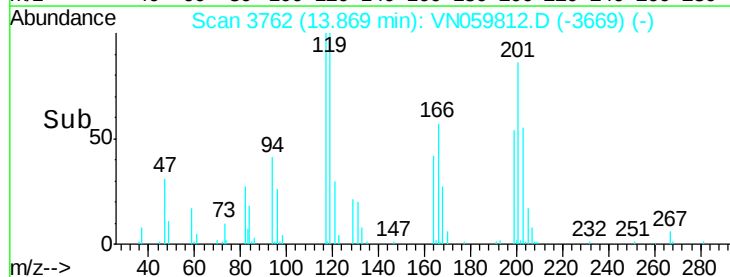
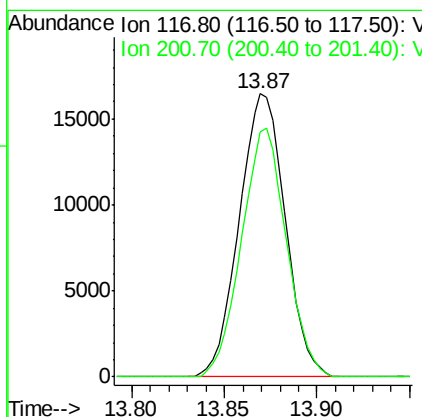
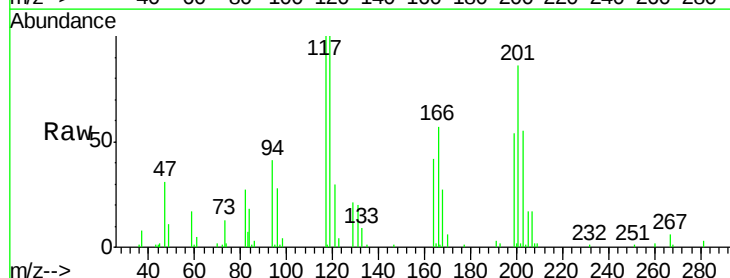
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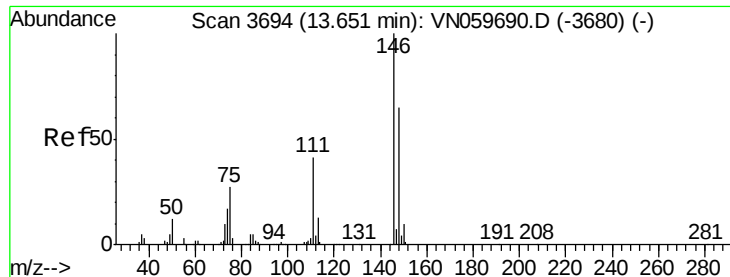
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#90
Hexachloroethane
Concen: 16.638 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. 0.00 min
Lab File: VN059812.D
Acq: 21 Jan 2020 16:34

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.6	37.8	113.4





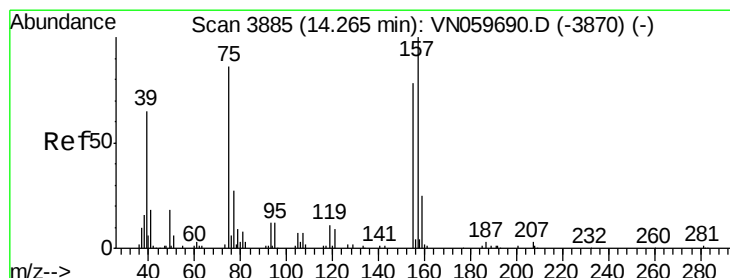
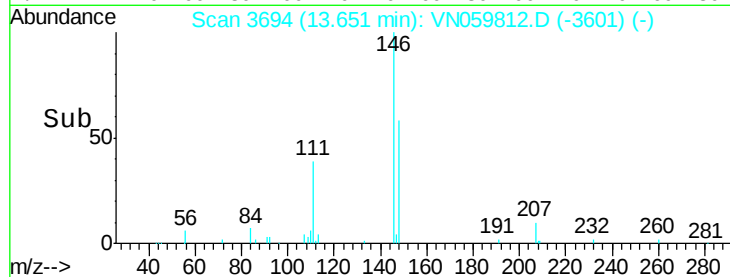
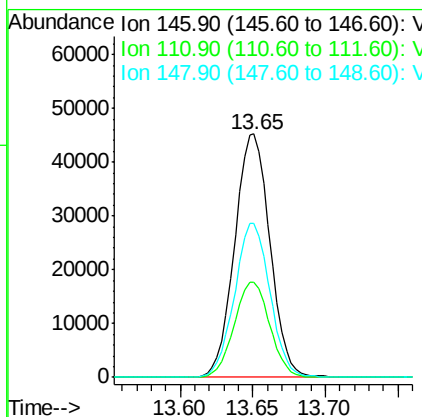
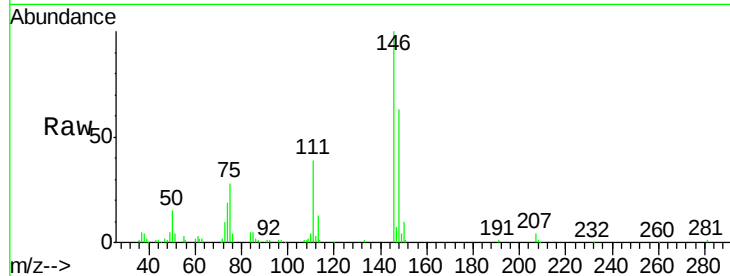
#91
 1,2-Dichlorobenzene
 Concen: 17.087 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN059812.D
 Acq: 21 Jan 2020 16:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121MBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	21.6	64.8
148	63.5	31.6	95.0

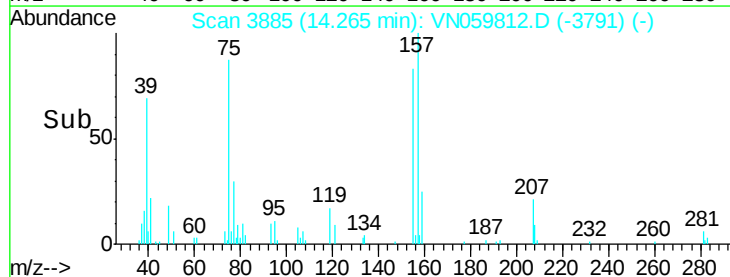
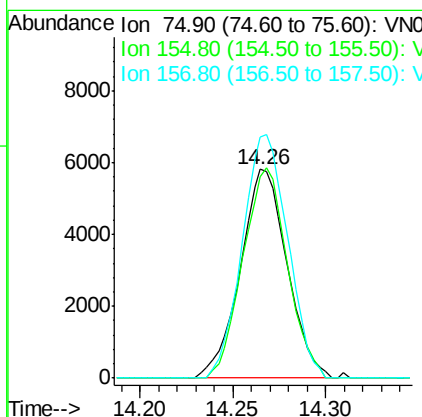
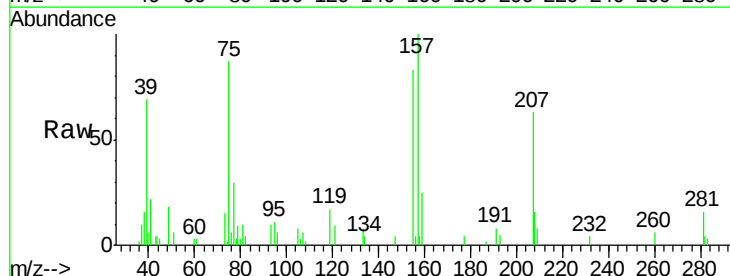
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 14.422 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN059812.D
 Acq: 21 Jan 2020 16:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.0	37.0	110.9
157	113.1	48.4	145.2





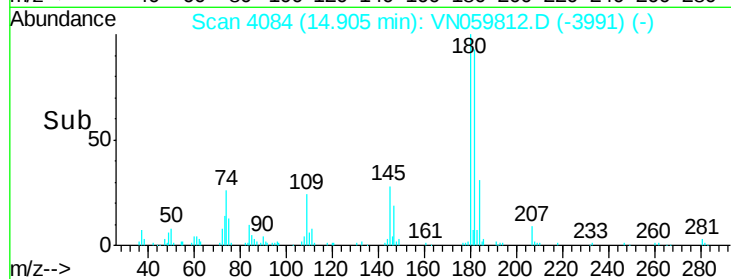
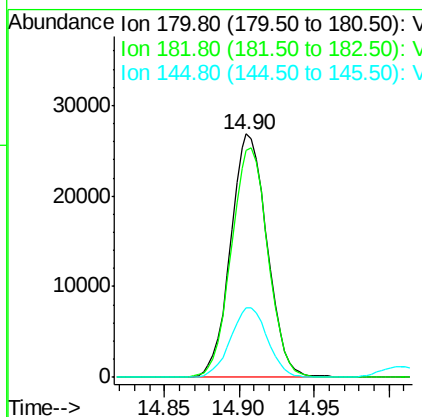
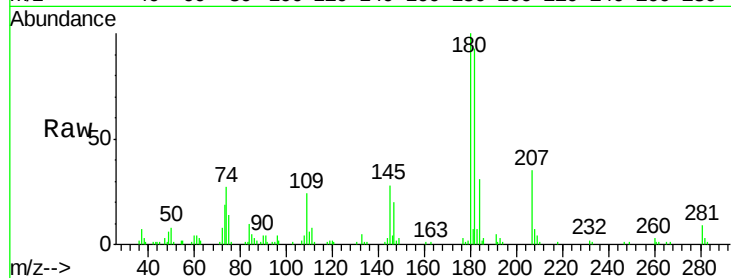
#93
 1,2,4-Trichlorobenzene
 Concen: 16.915 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN059812.D
 Acq: 21 Jan 2020 16:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121MBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	46.9	140.7
145	29.0	15.0	45.1

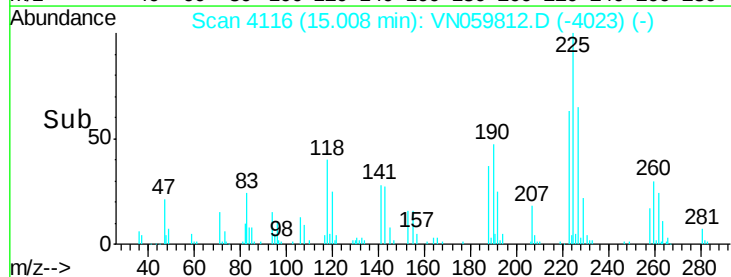
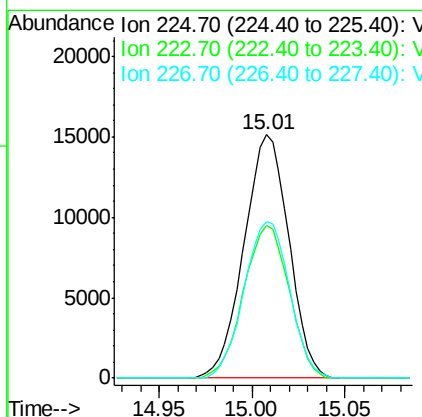
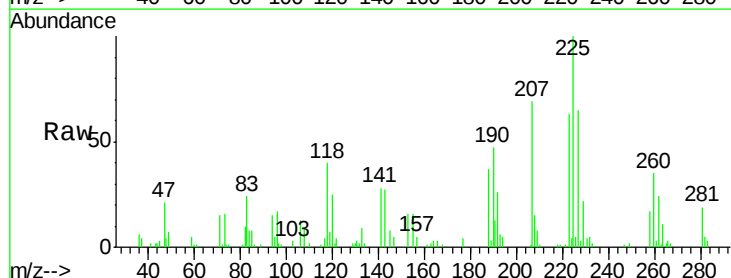
Manual Integrations
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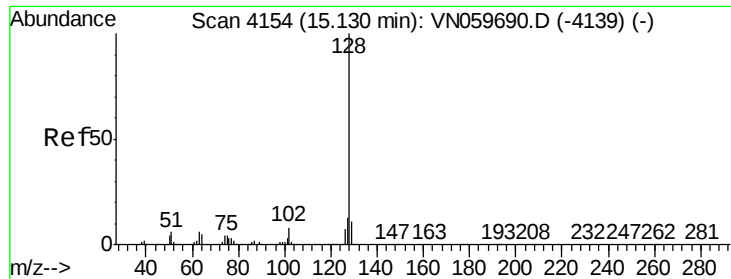
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#94
 Hexachlorobutadiene
 Concen: 17.173 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059812.D
 Acq: 21 Jan 2020 16:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.8	95.3
227	65.1	32.1	96.5





#95

Naphthalene

Concen: 15.325 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059812.D

Acq: 21 Jan 2020 16:34

Instrument :

MSVOA_N

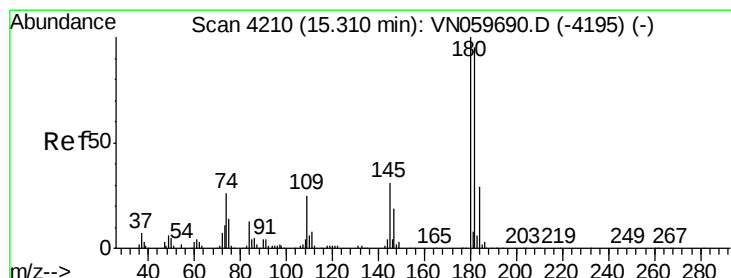
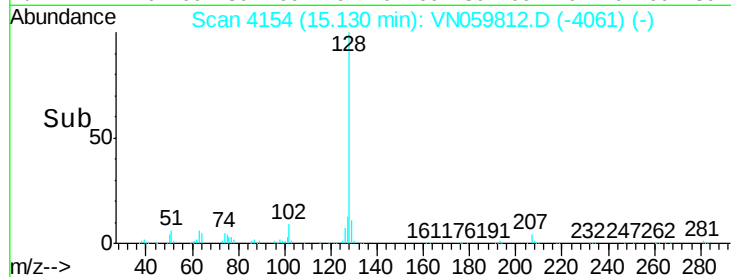
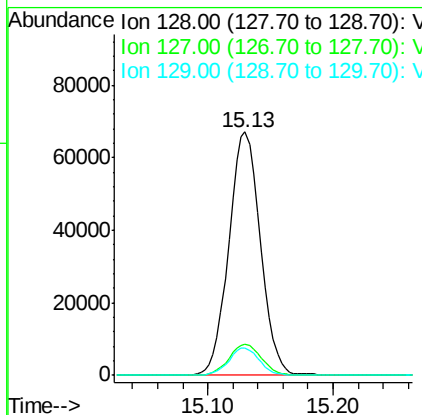
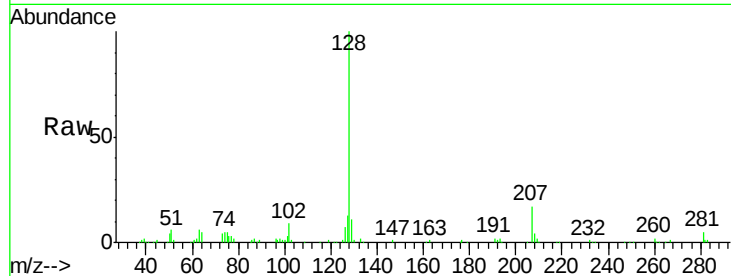
ClientSampleId :

VN0121MBS02

Tot Ion:	128	Resp:	117317
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	10.8	8.6	12.8

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 16.340 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN059812.D

Acq: 21 Jan 2020 16:34

Tgt Ion:	180	Resp:	42804
Ion Ratio	Lower	Upper	
180	100		
182	97.0	47.4	142.3
145	31.8	16.3	48.9

