

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012720\
 Data File : VN059865.D
 Acq On : 27 Jan 2020 12:11
 Operator : JC/MD
 Sample : VN0127WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/28/2020 9:24:28 AM

Quant Time: Jan 27 14:39:45 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	207773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	313780	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	284788	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	134275	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	119935	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	
35) Dibromofluoromethane	7.56	113	103415	55.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.54%	
50) Toluene-d8	10.08	98	382914	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	
62) 4-Bromofluorobenzene	12.40	95	135675	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	46624	18.706	ug/l	99
3) Chloromethane	2.04	50	42675	17.940	ug/l	97
4) Vinyl Chloride	2.17	62	55305	20.320	ug/l	98
5) Bromomethane	2.54	94	33865	20.389	ug/l	98
6) Chloroethane	2.68	64	26404	20.506	ug/l	97
7) Trichlorofluoromethane	3.00	101	68035	20.815	ug/l	98
8) Diethyl Ether	3.38	74	23956	20.884	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	3.74	101	39366	21.639	ug/l	92
10) Methyl Iodide	3.93	142	56660	19.269	ug/l	95
11) Tert butyl alcohol	4.73	59	38583	99.330	ug/l	98
12) 1,1-Dichloroethene	3.72	96	37744	19.856	ug/l	86
13) Acrolein	3.58	56	17571	63.903	ug/l	96
14) Allyl chloride	4.29	41	49460	19.304	ug/l #	83
15) Acrylonitrile	4.94	53	89900	101.462	ug/l	98
16) Acetone	3.78	43	90641	109.552	ug/l	95
17) Carbon Disulfide	4.03	76	95758	17.684	ug/l	99
18) Methyl Acetate	4.29	43	53980	20.028	ug/l #	90
19) Methyl tert-butyl Ether	5.00	73	127284	20.537	ug/l	95
20) Methylene Chloride	4.52	84	42312	19.479	ug/l	87
21) trans-1,2-Dichloroethene	5.00	96	40338	19.963	ug/l	87
22) Diisopropyl ether	5.91	45	115420	19.878	ug/l #	94
23) Vinyl Acetate	5.86	43	443008	98.543	ug/l #	94
24) 1,1-Dichloroethane	5.82	63	70883	19.979	ug/l	97
25) 2-Butanone	6.80	43	121210	92.764	ug/l	90
26) 2,2-Dichloropropane	6.79	77	68807	20.173	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	48309	20.786	ug/l	87
28) Bromochloromethane	7.17	49	30889	21.783	ug/l #	72
29) Tetrahydrofuran	7.18	42	75979	93.981	ug/l #	86
30) Chloroform	7.34	83	77633	21.119	ug/l	97
31) Cyclohexane	7.63	56	61974	18.153	ug/l	88
32) 1,1,1-Trichloroethane	7.54	97	70351	20.698	ug/l	96
36) 1,1-Dichloropropene	7.77	75	55465	20.298	ug/l	96
37) Ethyl Acetate	6.89	43	49203	19.199	ug/l	96
38) Carbon Tetrachloride	7.75	117	63108	21.231	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	66589	19.764	ug/l	91
40) Benzene	8.02	78	165701	20.333	ug/l	99
41) Methacrylonitrile	7.14	41	19226m	15.230	ug/l	
42) 1,2-Dichloroethane	8.10	62	59214	21.431	ug/l	97
43) Isopropyl Acetate	8.14	43	84521	19.174	ug/l #	93
44) Trichloroethene	8.82	130	48874	21.969	ug/l	96
45) 1,2-Dichloropropane	9.10	63	42678	21.164	ug/l	99
46) Dibromomethane	9.19	93	30468	21.419	ug/l	91
47) Bromodichloromethane	9.38	83	61685	21.519	ug/l	99
48) Methyl methacrylate	9.18	41	36258	18.388	ug/l	85
49) 1,4-Dioxane	9.18	88	15249	422.453	ug/l	92
51) 4-Methyl-2-Pentanone	9.97	43	244828	96.077	ug/l	94
52) Toluene	10.14	92	108710	21.119	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	66779	20.864	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	71529	21.239	ug/l	92
55) 1,1,2-Trichloroethane	10.55	97	44064	21.614	ug/l	95
56) Ethyl methacrylate	10.42	69	60074	19.284	ug/l	93
57) 1,3-Dichloropropane	10.70	76	69193	21.378	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	102337	109.067	ug/l #	90
59) 2-Hexanone	10.74	43	178370	95.014	ug/l	94
60) Dibromochloromethane	10.89	129	50640	21.813	ug/l	100
61) 1,2-Dibromoethane	11.00	107	45416	21.254	ug/l	100
64) Tetrachloroethene	10.62	164	52076	22.436	ug/l	96
65) Chlorobenzene	11.43	112	117705	21.028	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	46828	21.651	ug/l	99
67) Ethyl Benzene	11.50	91	209460	20.613	ug/l	99
68) m/p-Xylenes	11.61	106	158239	41.225	ug/l	93
69) o-Xylene	11.94	106	77478	20.618	ug/l	93
70) Styrene	11.96	104	124419	19.786	ug/l	97
71) Bromoform	12.12	173	37046	21.383	ug/l #	100
73) Isopropylbenzene	12.24	105	207825	21.104	ug/l	99
74) N-amyl acetate	12.07	43	71241	18.644	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	59153	20.720	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	53473m	23.664	ug/l	
77) Bromobenzene	12.52	156	52390	21.008	ug/l	82
78) n-propylbenzene	12.59	91	229000	20.718	ug/l	98
79) 2-Chlorotoluene	12.67	91	135813	20.655	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	172667	20.849	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	20859	19.823	ug/l	95
82) 4-Chlorotoluene	12.77	91	137369	20.828	ug/l	97
83) tert-Butylbenzene	12.99	119	149087	20.814	ug/l	95
84) 1,2,4-Trimethylbenzene	13.03	105	174045	21.242	ug/l	99
85) sec-Butylbenzene	13.17	105	196539	20.884	ug/l	98
86) p-Isopropyltoluene	13.28	119	182824	20.995	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	92363	21.322	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	90520	20.947	ug/l	97
89) n-Butylbenzene	13.61	91	153355	20.655	ug/l	99
90) Hexachloroethane	13.87	117	33175	20.362	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	90127	21.045	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	12296	18.762	ug/l	82

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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)
93) 1,2,4-Trichlorobenzene	14.91	180	52187	20.280	ug/l	99
94) Hexachlorobutadiene	15.01	225	30173	21.278	ug/l	100
95) Naphthalene	15.13	128	133199	18.198	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	50132	20.015	ug/l	99

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

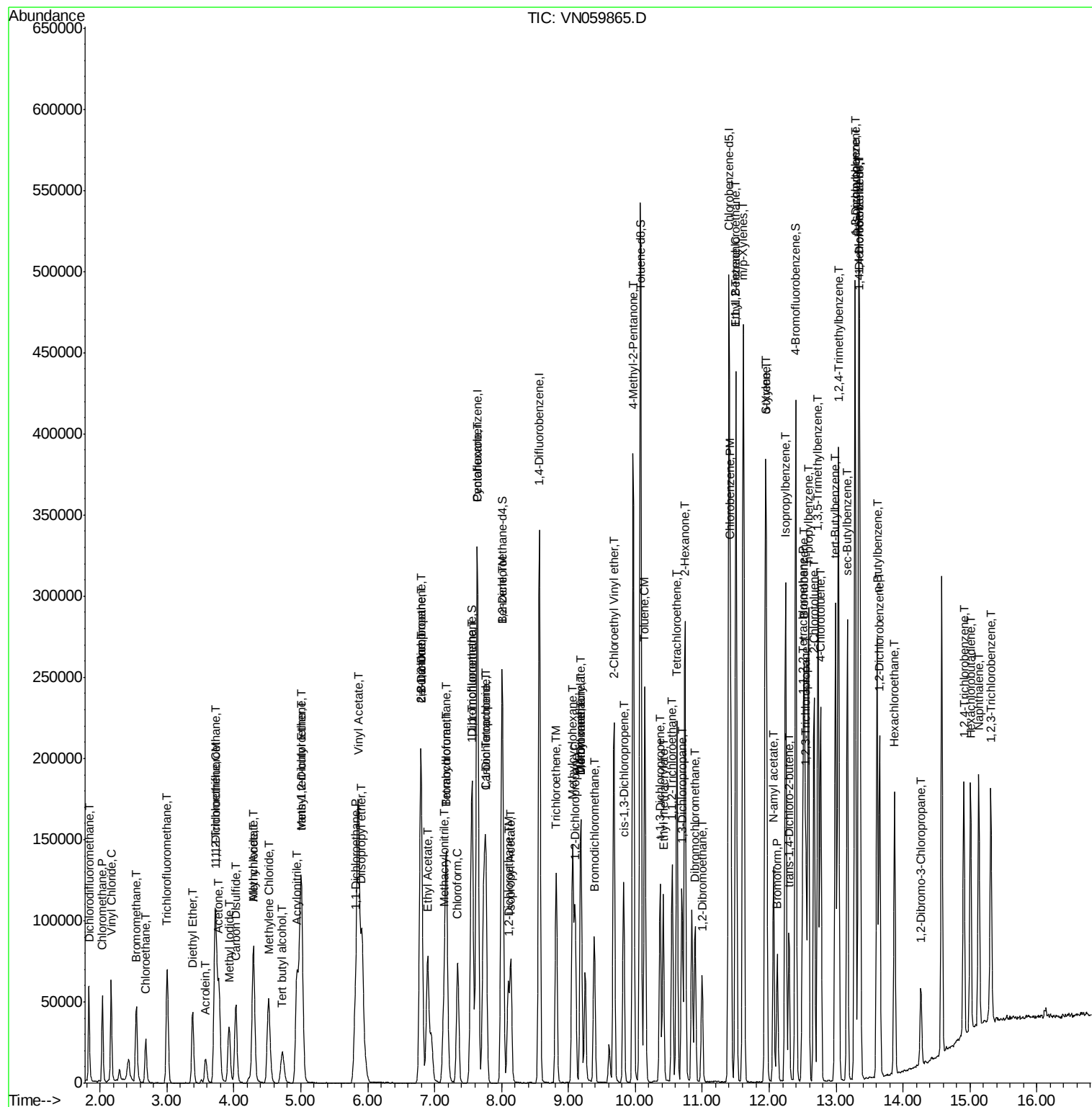
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 Data File : VN059865.D
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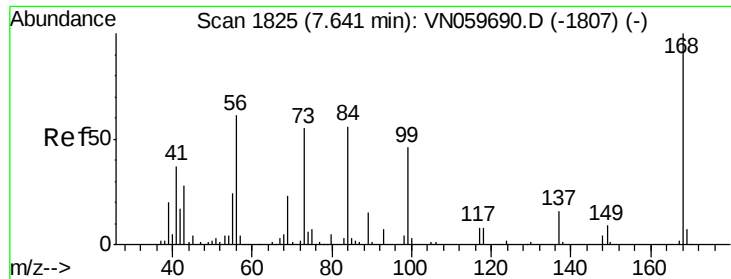
Instrument :
 MSVOA_N
 Client Sample Id :
 VN0127WBS01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059865.D

Acq: 27 Jan 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN0127WBS01

Tot Ion:168 Resp: 207773

Ion Ratio Lower Upper

168 100

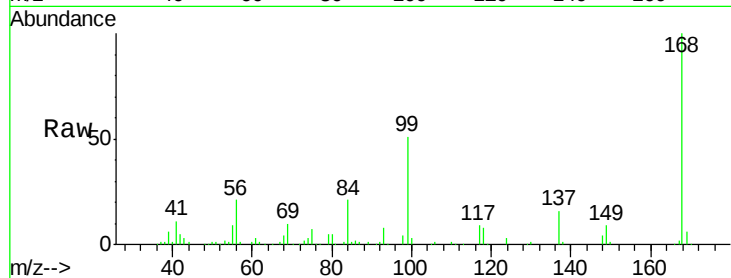
99 51.1 48.2 72.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

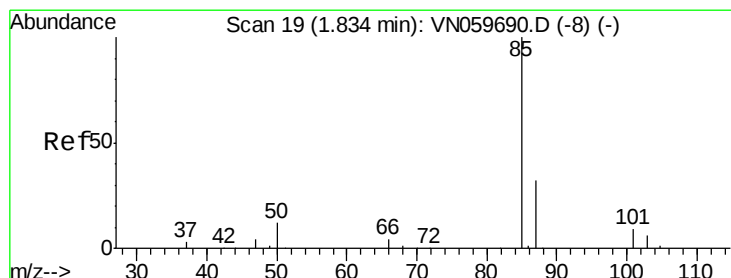
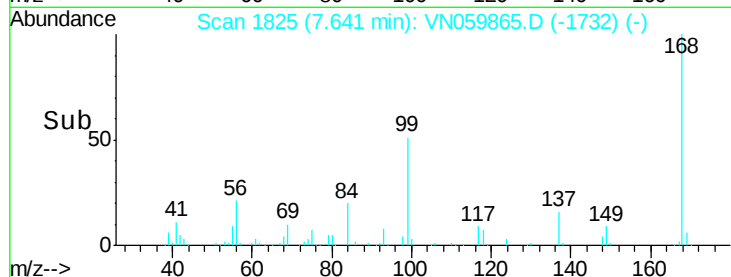
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#2

Dichlorodifluoromethane

Concen: 18.706 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN059865.D

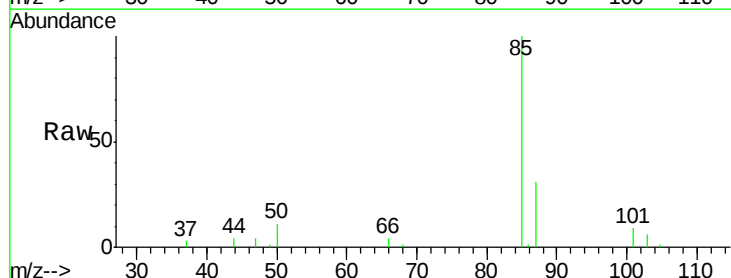
Acq: 27 Jan 2020 12:11

Tgt Ion: 85 Resp: 46624

Ion Ratio Lower Upper

85 100

87 31.3 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

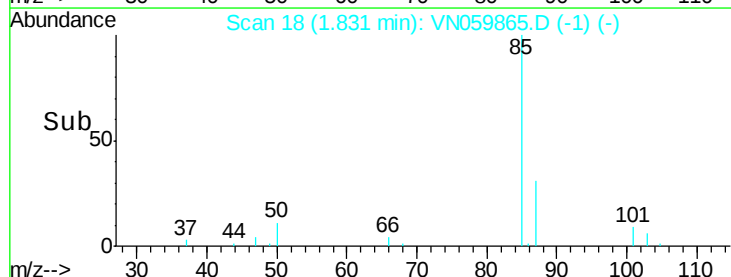
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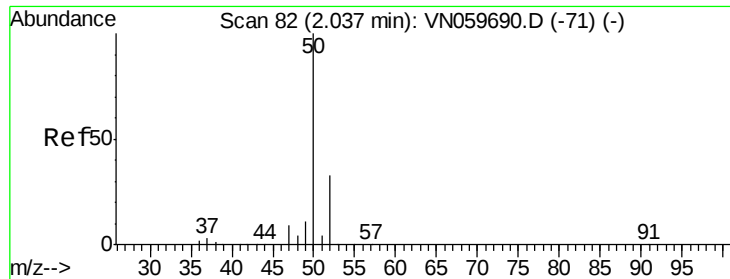
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 17.940 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN059865.D

Acq: 27 Jan 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN0127WBS01

Tot Ion: 50 Resp: 42675

Ion Ratio Lower Upper

50 100

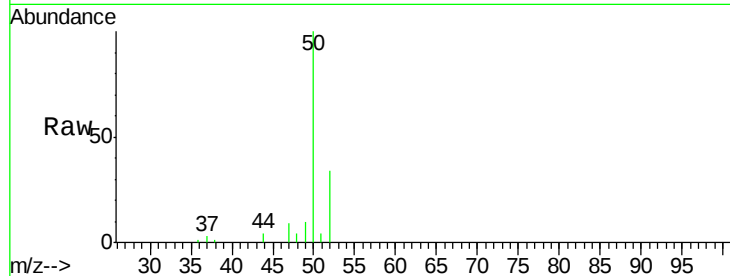
52 34.4 25.9 38.9

Manual Integrations

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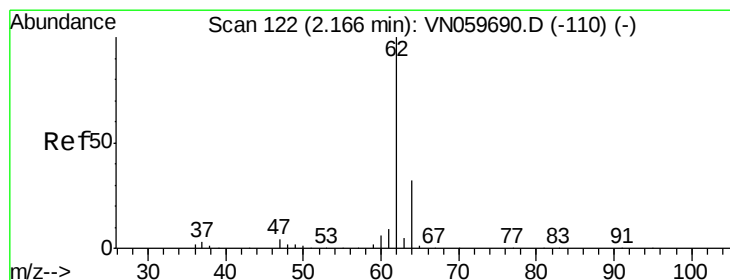
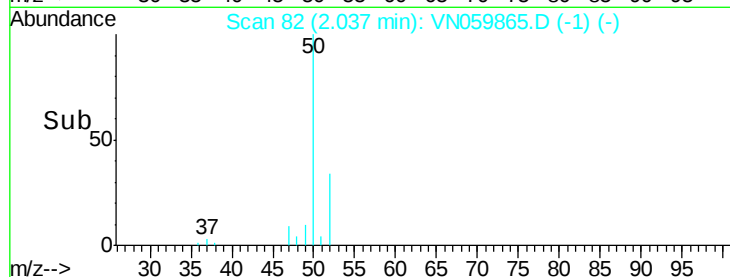
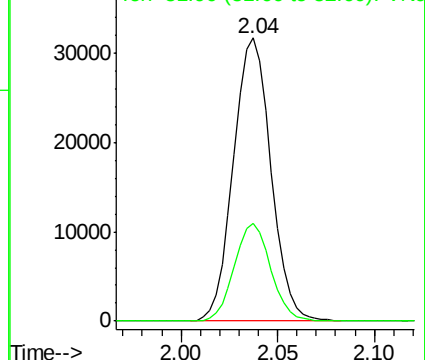
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 20.320 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059865.D

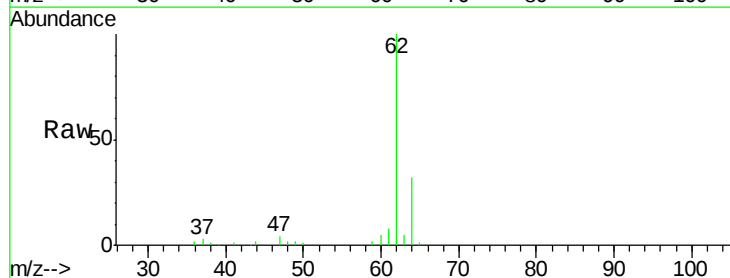
Acq: 27 Jan 2020 12:11

Tgt Ion: 62 Resp: 55305

Ion Ratio Lower Upper

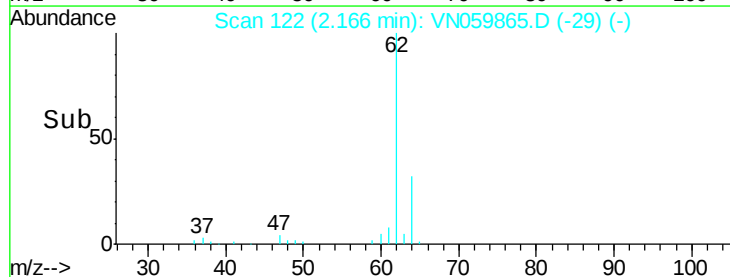
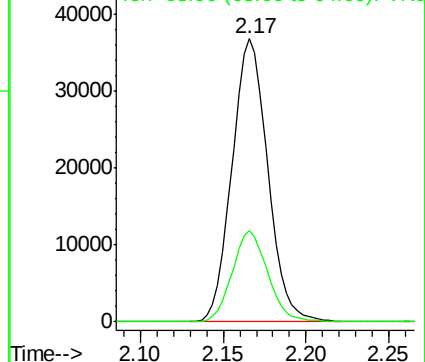
62 100

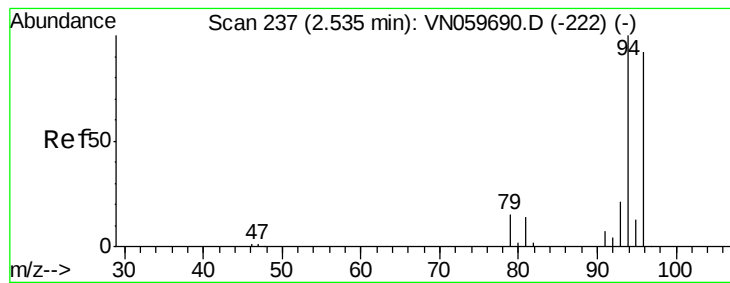
64 32.1 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 20.389 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.01 min

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Tot Ion: 94 Resp: 33865

Ion Ratio Lower Upper

94 100

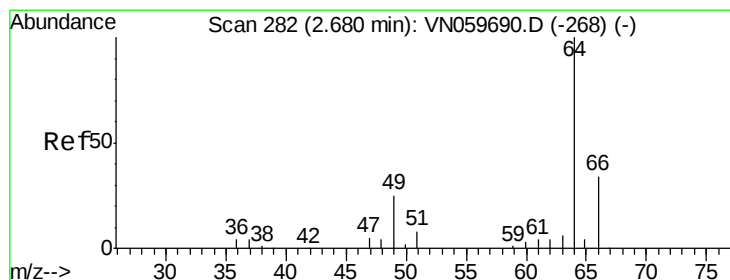
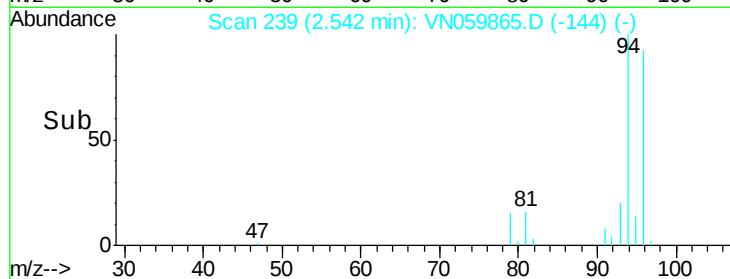
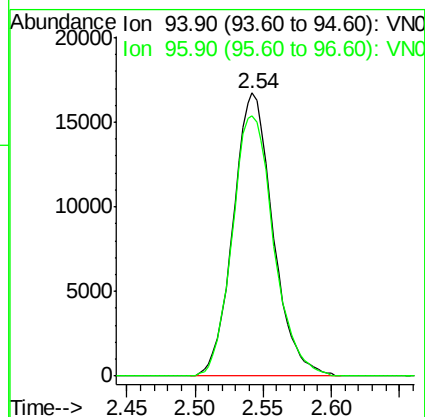
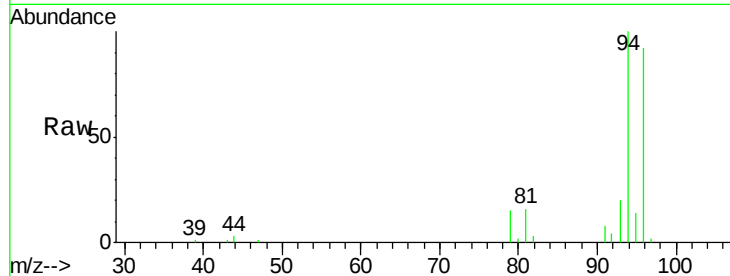
96 91.9 74.7 112.1

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#6

Chloroethane

Concen: 20.506 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN059865.D

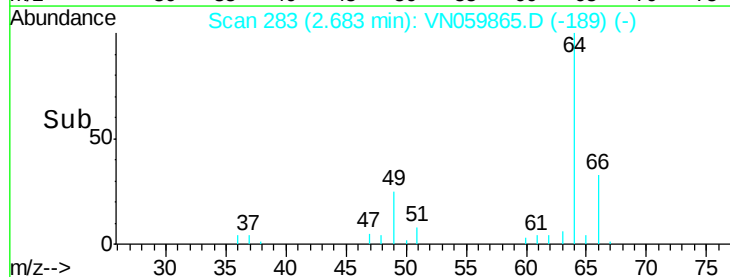
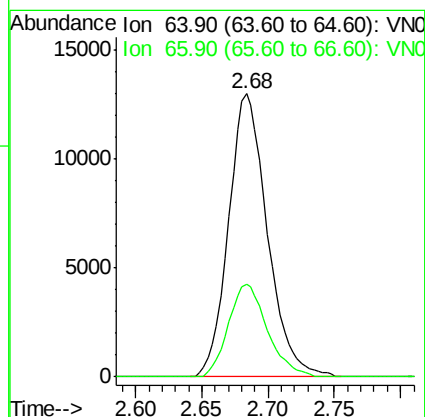
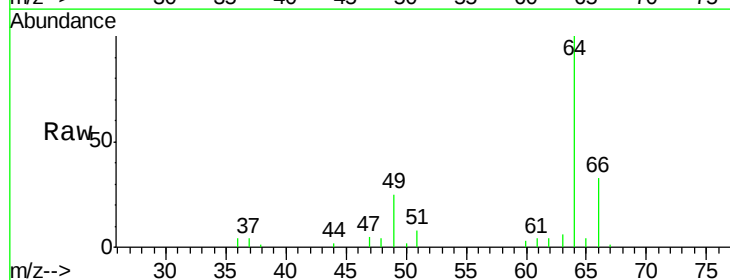
Acq: 27 Jan 2020 12:11

Tgt Ion: 64 Resp: 26404

Ion Ratio Lower Upper

64 100

66 32.9 25.1 37.7





#7

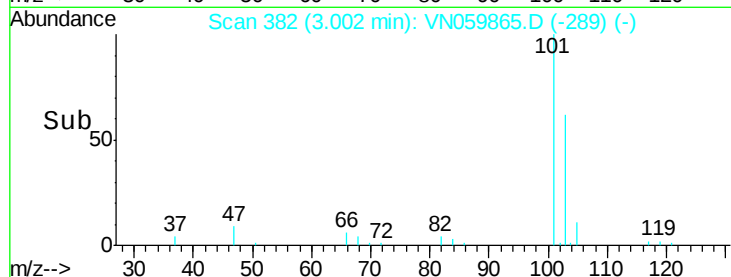
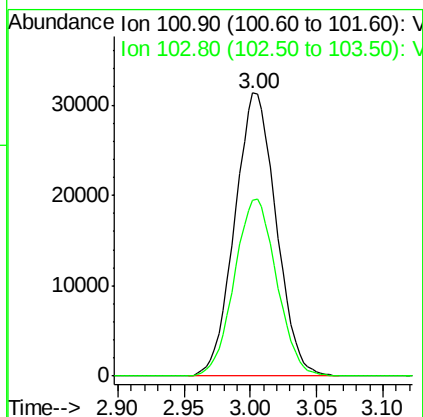
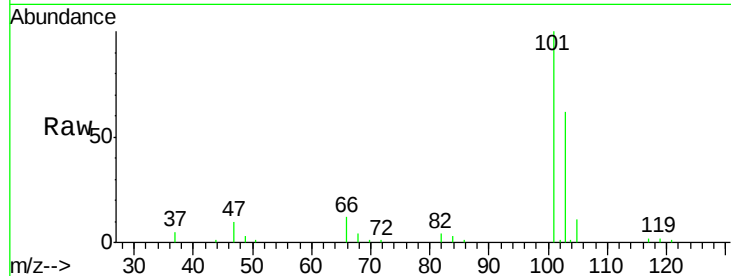
Trichlorofluoromethane
Concen: 20.815 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Instrument :
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ClientSampleId :
VN0127WBS01

Tot Ion:101 Resp: 68035
Ion Ratio Lower Upper
101 100
103 62.1 51.0 76.6

Manual Integrations
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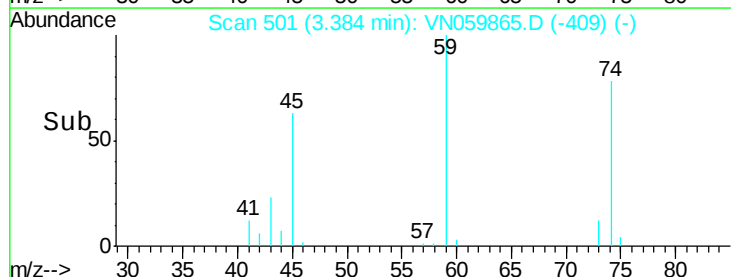
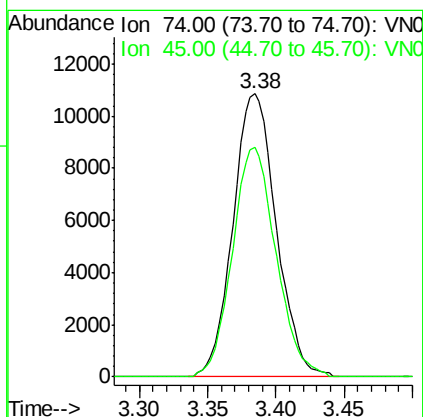
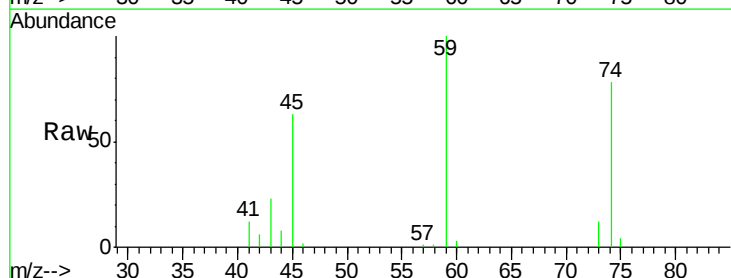
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#8

Diethyl Ether
Concen: 20.884 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Tgt Ion: 74 Resp: 23956
Ion Ratio Lower Upper
74 100
45 81.7 51.9 155.8





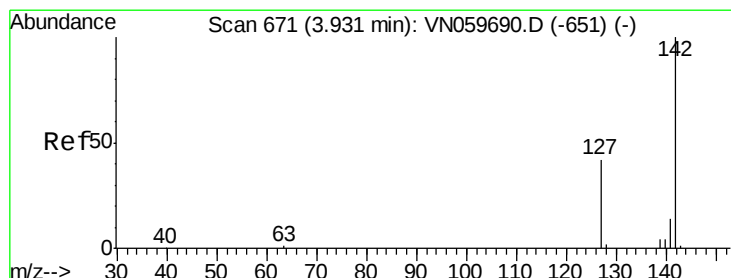
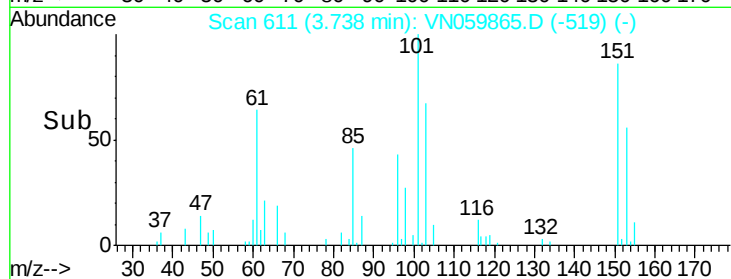
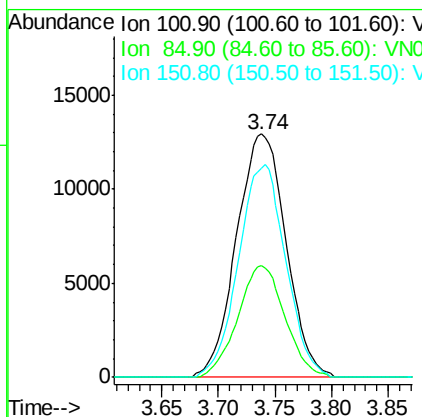
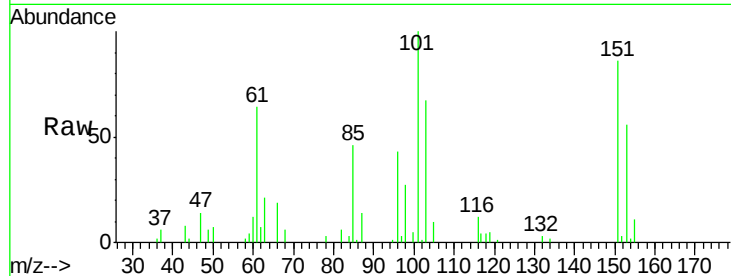
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.639 ug/l
RT: 3.74 min Scan# 611
Delta R.T. -0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
85	43.6	36.6	54.8
151	83.4	59.7	89.5

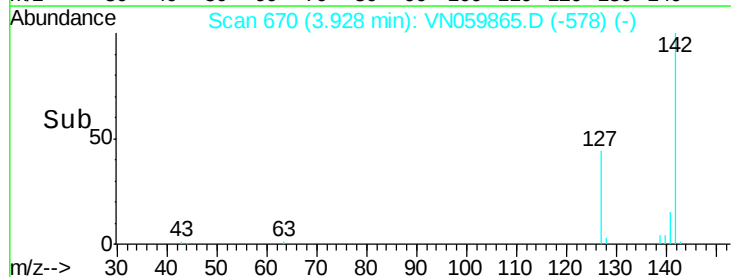
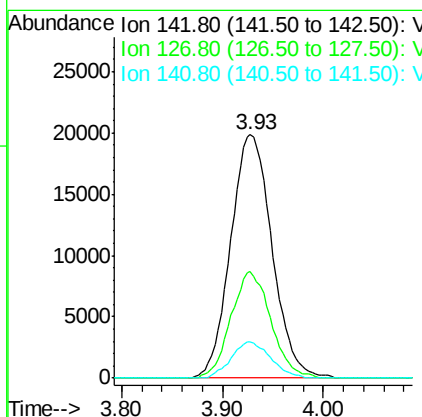
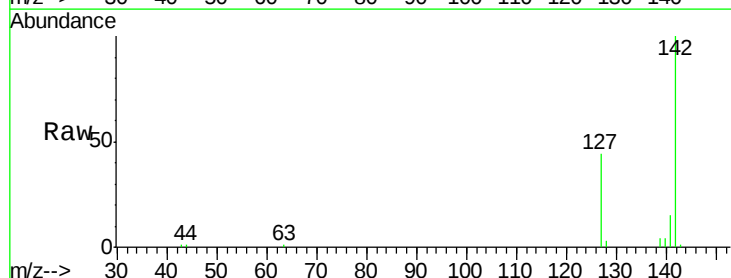
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#10
Methyl Iodide
Concen: 19.269 ug/l
RT: 3.93 min Scan# 670
Delta R.T. -0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Tgt Ion	Ratio	Lower	Upper
142	100		
127	42.0	36.7	55.1
141	14.3	11.7	17.5





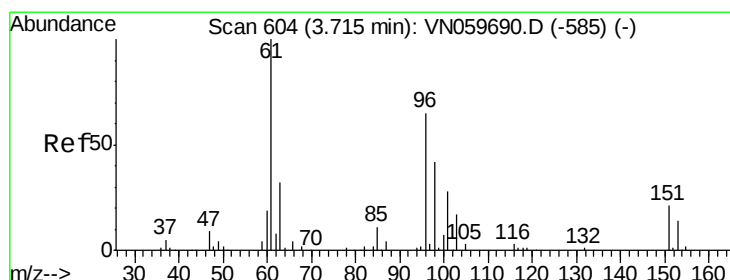
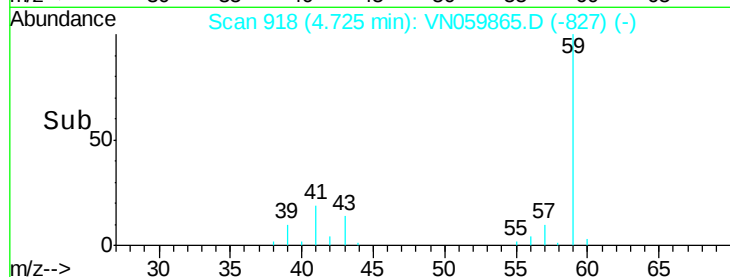
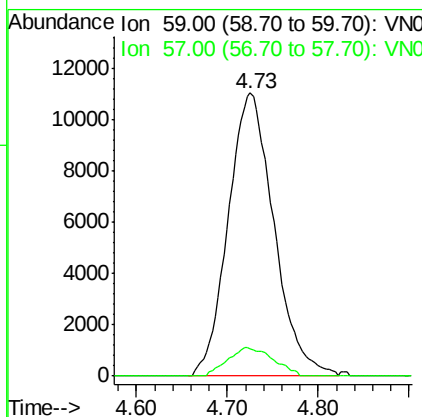
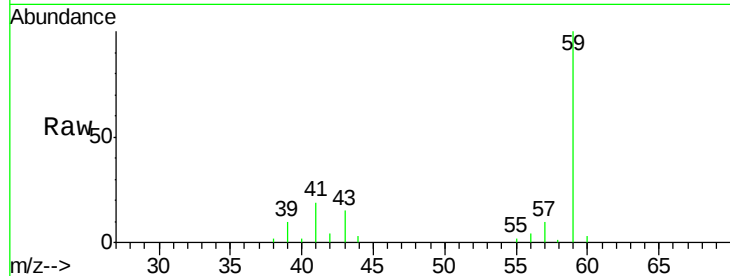
#11
Tert butyl alcohol
Concen: 99.330 ug/l
RT: 4.73 min Scan# 918
Delta R.T. -0.01 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Instrument :
MSVOA_N
ClientSampled :
VN0127WBS01

Tot Ion: 59 Resp: 38583
Ion Ratio Lower Upper
59 100
57 10.0 8.6 12.8

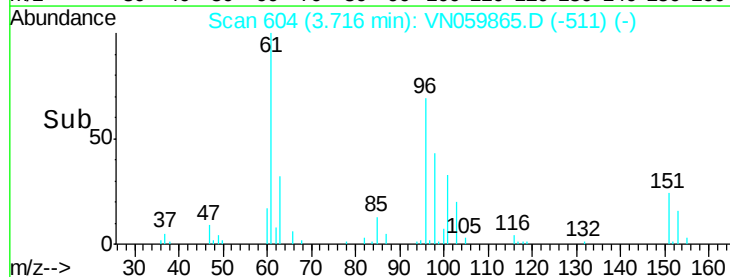
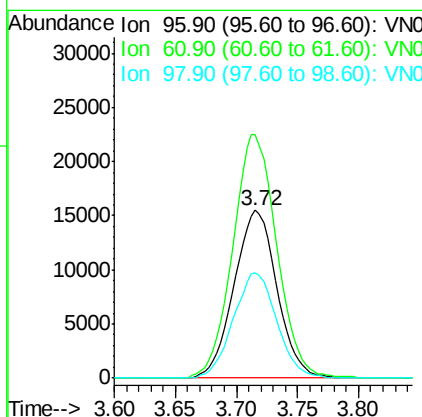
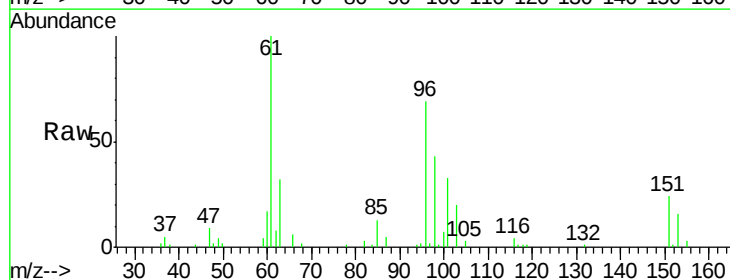
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#12
1,1-Dichloroethene
Concen: 19.856 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Tgt Ion: 96 Resp: 37744
Ion Ratio Lower Upper
96 100
61 145.3 137.5 206.3
98 62.9 50.2 75.4





#13

Acrolein

Concen: 63.903 ug/l

RT: 3.58 min Scan# 561

Delta R.T. 0.00 min

Lab File: VN059865.D

Acq: 27 Jan 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN0127WBS01

Tot Ion: 56 Resp: 17571

Ion Ratio Lower Upper

56 100

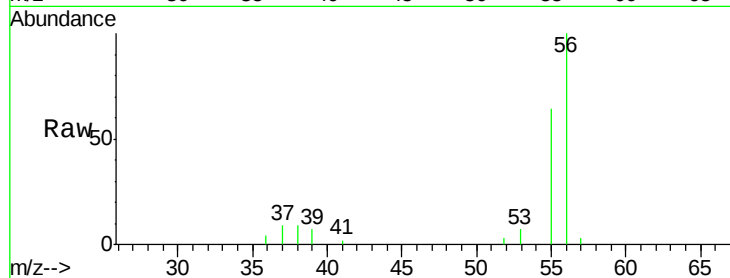
55 69.6 58.6 88.0

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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.58

8000

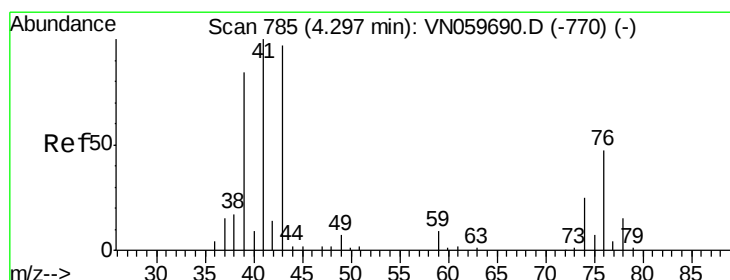
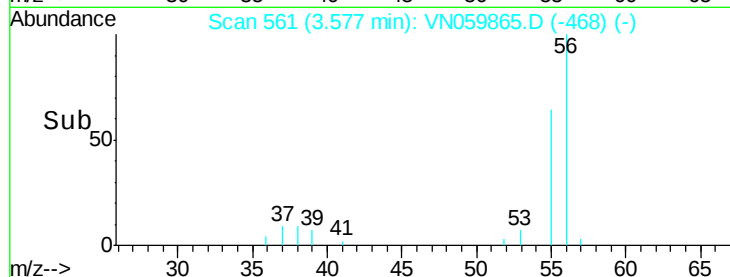
6000

4000

2000

0

Time-->



#14

Allyl chloride

Concen: 19.304 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059865.D

Acq: 27 Jan 2020 12:11

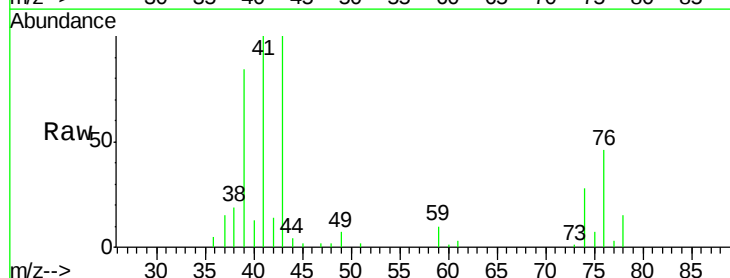
Tgt Ion: 41 Resp: 49460

Ion Ratio Lower Upper

41 100

39 84.1 57.8 86.8

76 44.9 25.4 38.0#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

4.29

20000

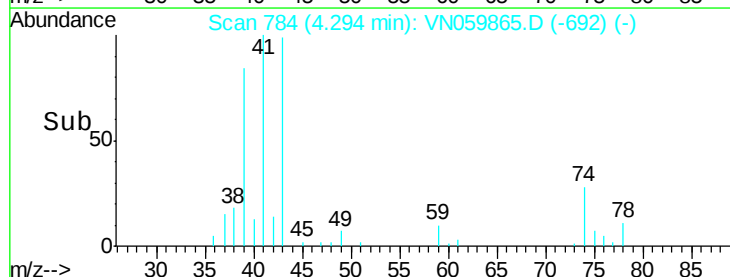
15000

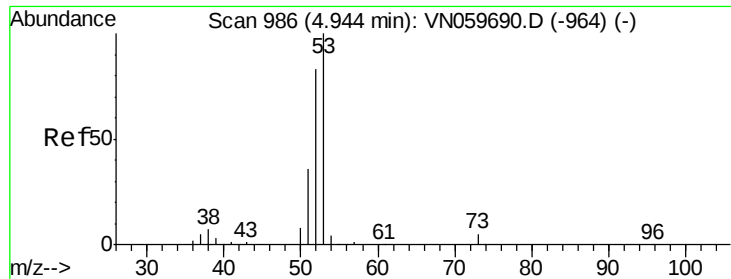
10000

5000

0

Time-->





#15

Acrylonitrile

Concen: 101.462 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN059865.D

Acq: 27 Jan 2020 12:11

Instrument :

MSVOA_N

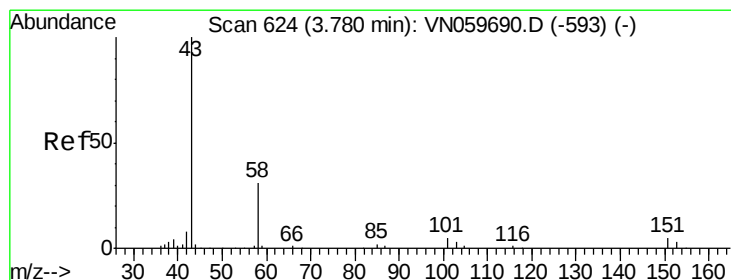
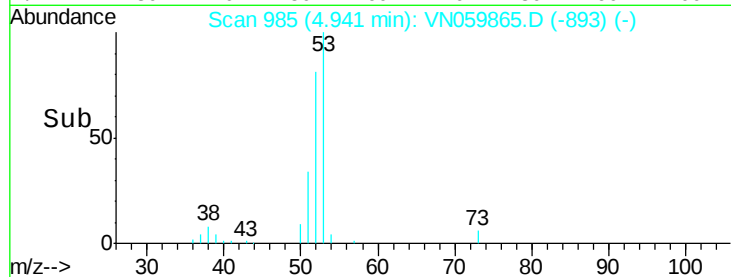
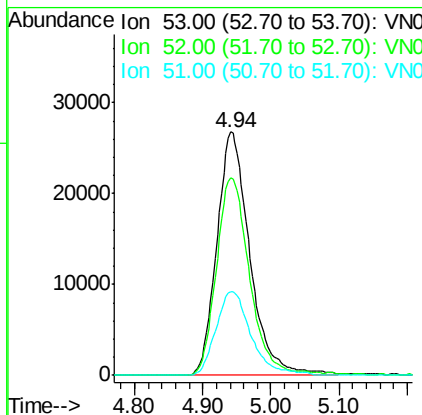
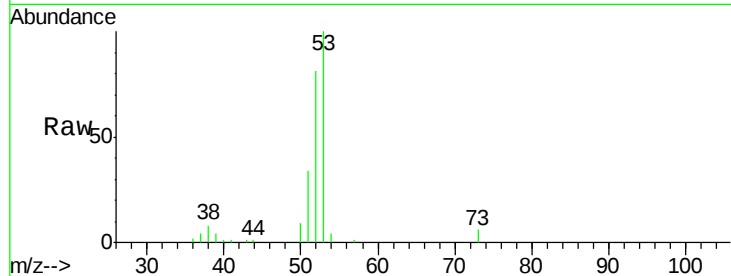
ClientSampleId :

VN0127WBS01

Tot Ion:	53	Resp:	89900
Ion Ratio	Lower	Upper	
53	100		
52	80.6	66.3	99.5
51	36.7	29.7	44.5

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#16

Acetone

Concen: 109.552 ug/l

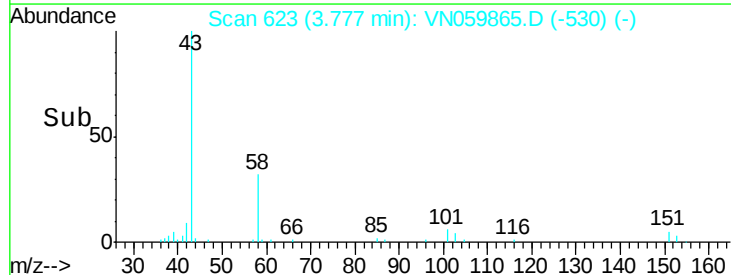
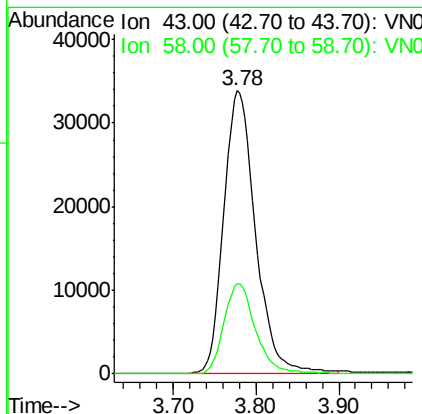
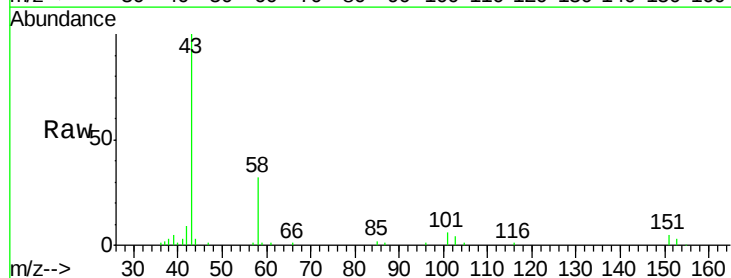
RT: 3.78 min Scan# 623

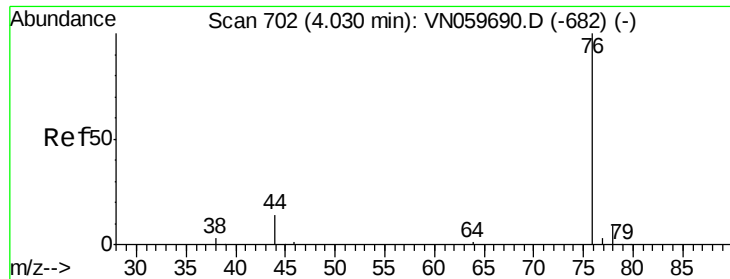
Delta R.T. -0.00 min

Lab File: VN059865.D

Acq: 27 Jan 2020 12:11

Tgt Ion:	43	Resp:	90641
Ion Ratio	Lower	Upper	
43	100		
58	32.0	23.6	35.4





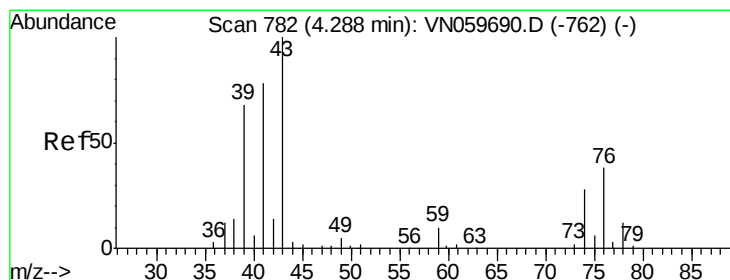
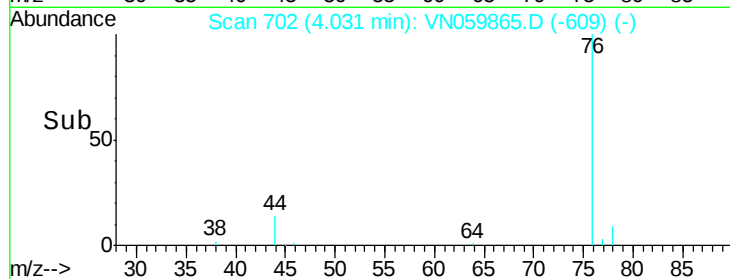
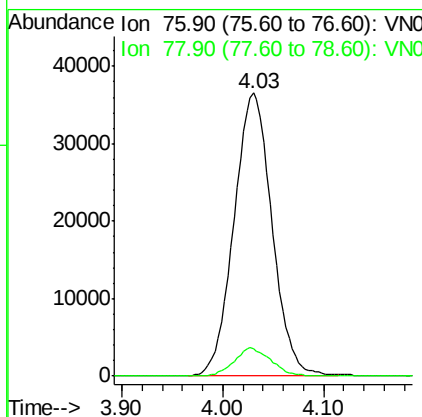
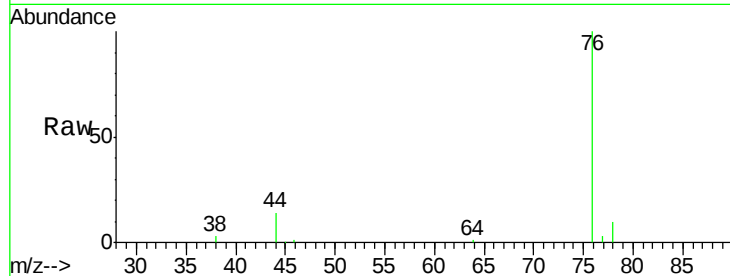
#17
Carbon Disulfide
Concen: 17.684 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.4	11.0

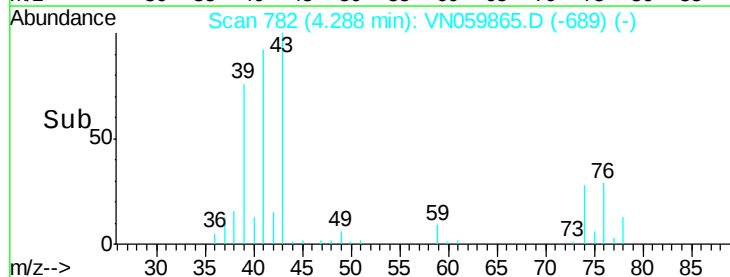
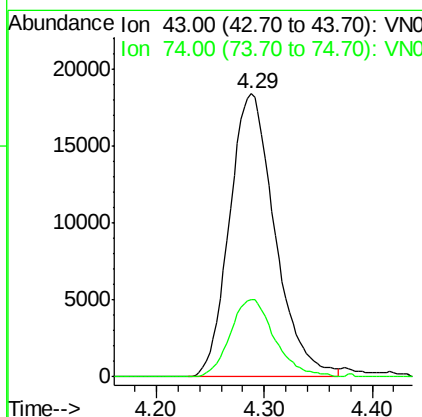
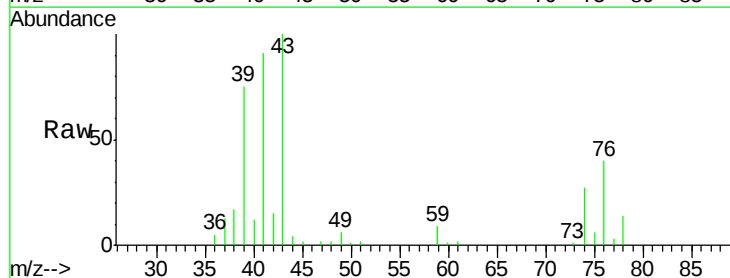
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#18
Methyl Acetate
Concen: 20.028 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

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





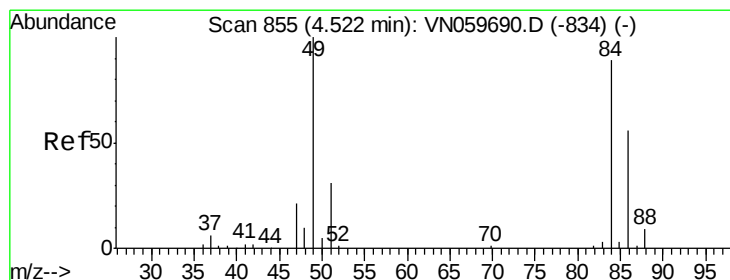
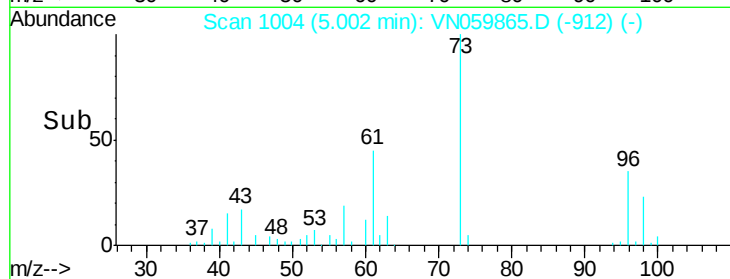
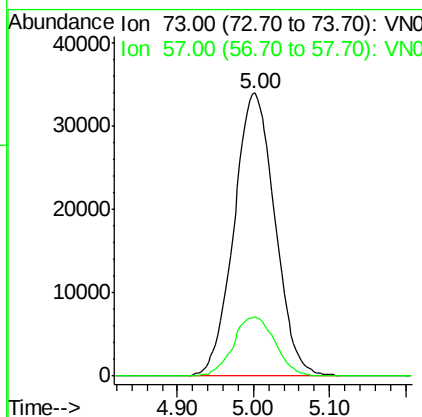
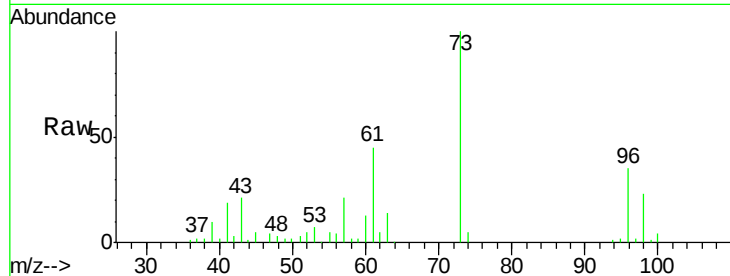
#19
Methvl tert-butvl Ether
Concen: 20.537 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBS01

Tot Ion: 73 Resp: 127284
Ion Ratio Lower Upper
73 100
57 20.8 18.6 27.8

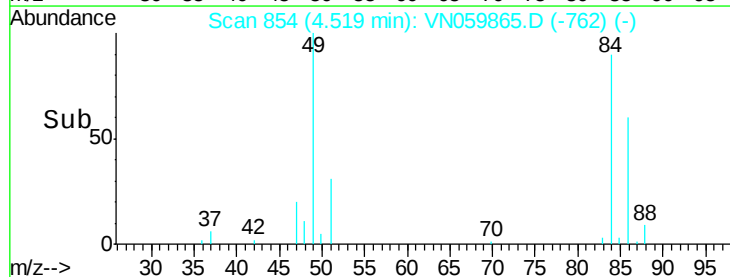
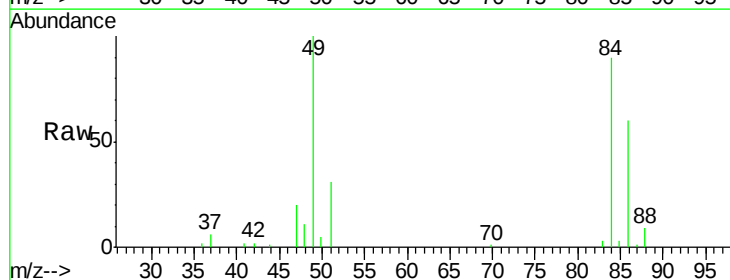
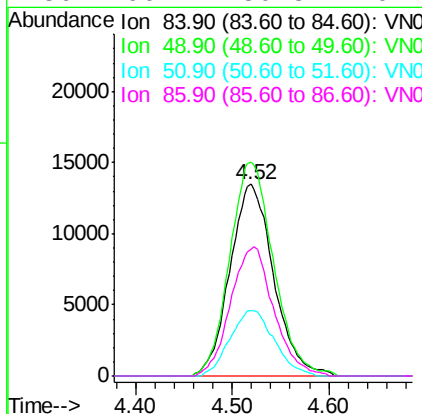
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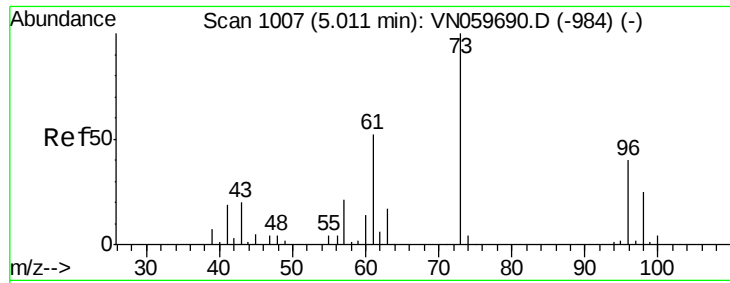
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#20
Methylene Chloride
Concen: 19.479 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Tgt Ion: 84 Resp: 42312
Ion Ratio Lower Upper
84 100
49 111.4 106.6 160.0
51 34.2 31.9 47.9
86 66.4 50.8 76.2





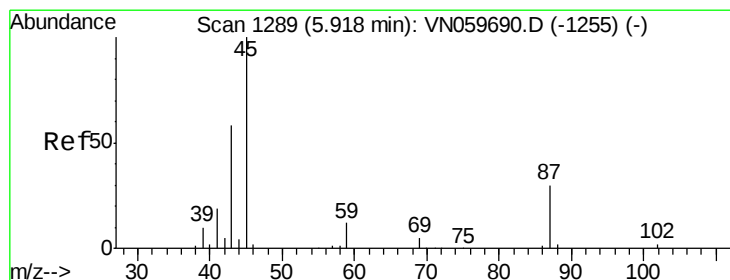
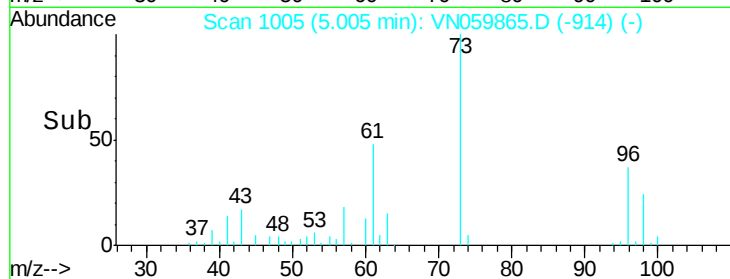
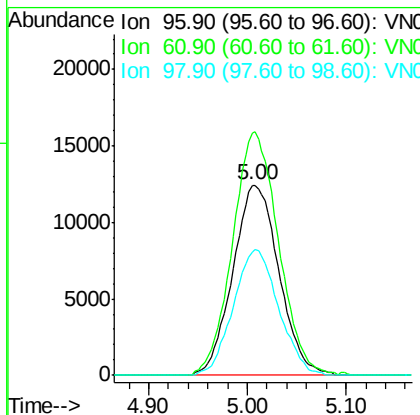
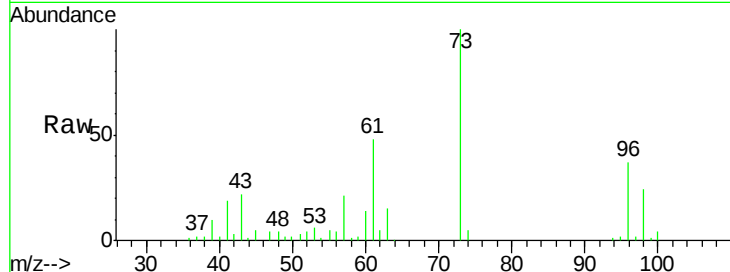
#21
trans-1,2-Dichloroethene
Concen: 19.963 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	127.3	120.4	180.6
98	64.8	50.6	75.8

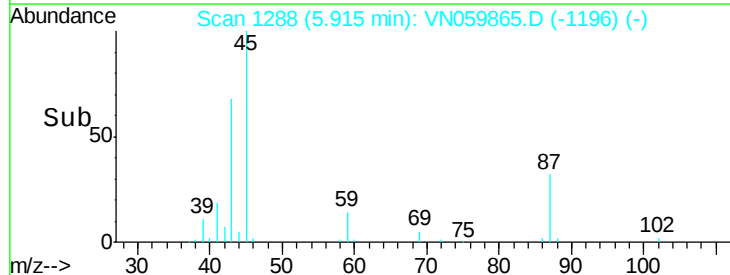
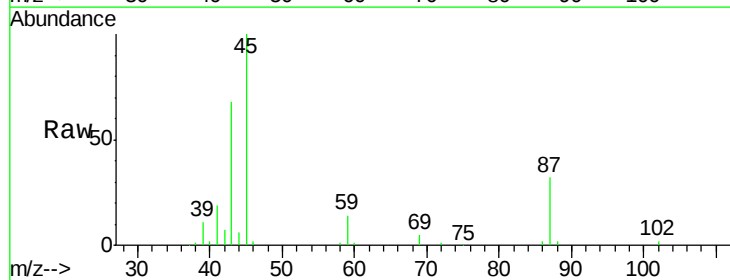
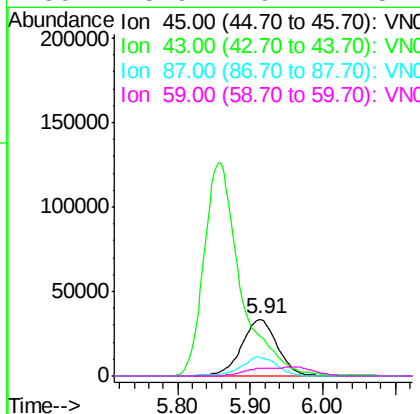
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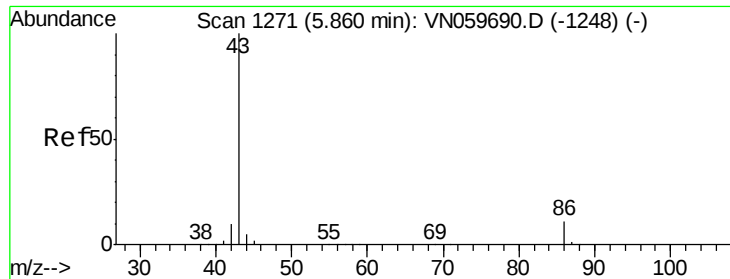
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#22
Diisopropyl ether
Concen: 19.878 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Tgt Ion	Ratio	Lower	Upper
45	100		
43	66.4	50.8	76.2
87	32.3	21.0	31.6#
59	13.9	9.1	13.7#





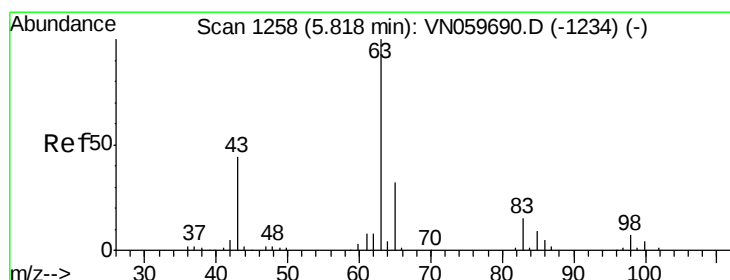
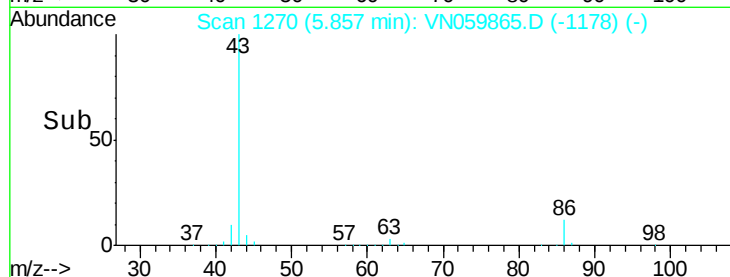
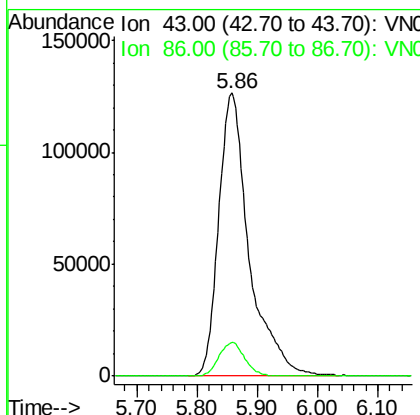
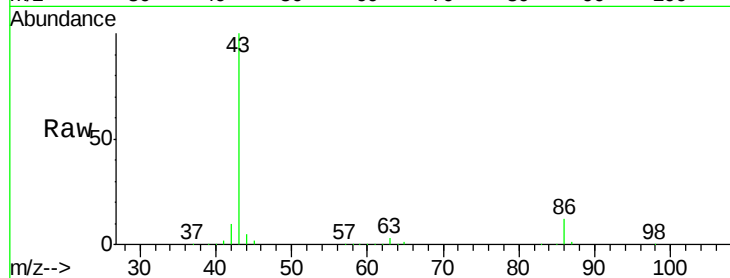
#23
 Vinyl Acetate
 Concen: 98.543 ug/l
 RT: 5.86 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VN059865.D
 Acq: 27 Jan 2020 12:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127WBS01

Tot Ion	43	Resp	443008
Ion Ratio	100	Lower	Upper
43	100		
86	11.9	7.6	11.4#

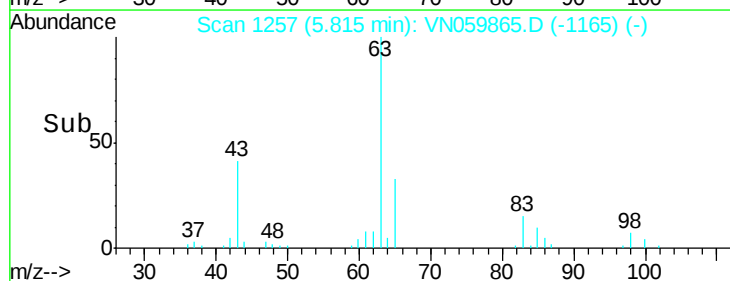
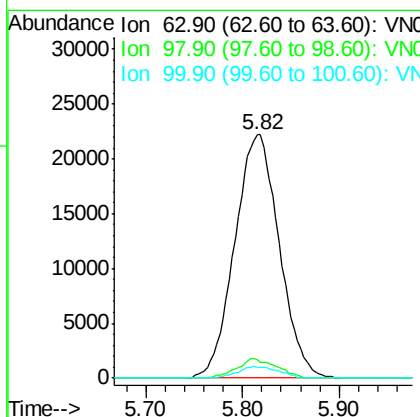
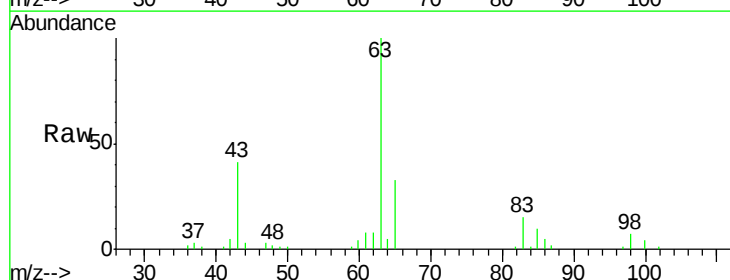
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#24
 1,1-Dichloroethane
 Concen: 19.979 ug/l
 RT: 5.82 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN059865.D
 Acq: 27 Jan 2020 12:11

Tgt Ion	63	Resp	70883
Ion Ratio	100	Lower	Upper
63	100		
98	7.4	2.9	8.7
100	4.4	2.0	6.0





#25

2-Butanone

Concen: 92.764 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059865.D

Acq: 27 Jan 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN0127WBS01

Tot Ion: 43 Resp: 121210

Ion Ratio Lower Upper

43 100

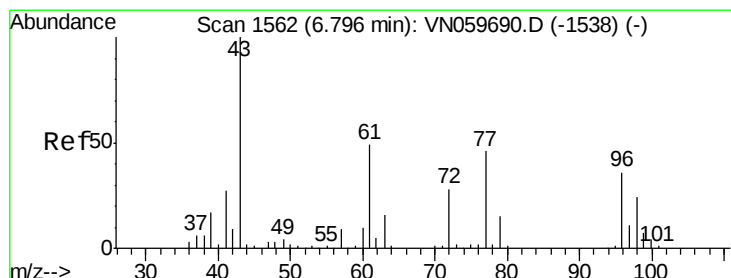
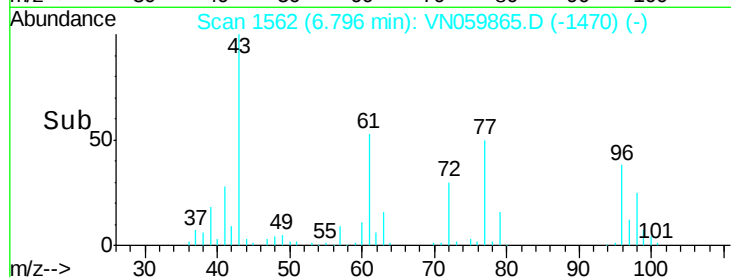
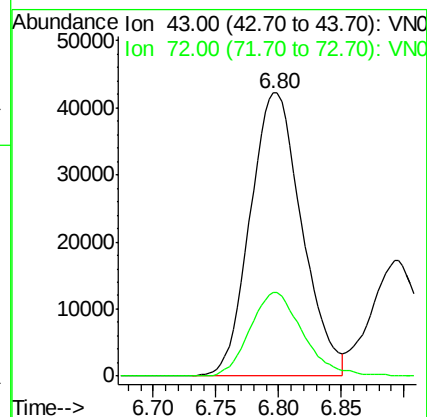
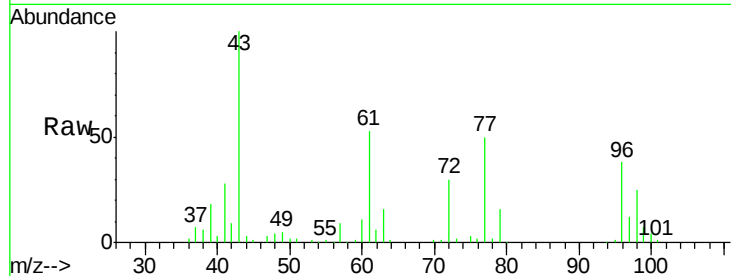
72 29.8 19.9 29.9

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#26

2,2-Dichloropropane

Concen: 20.173 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN059865.D

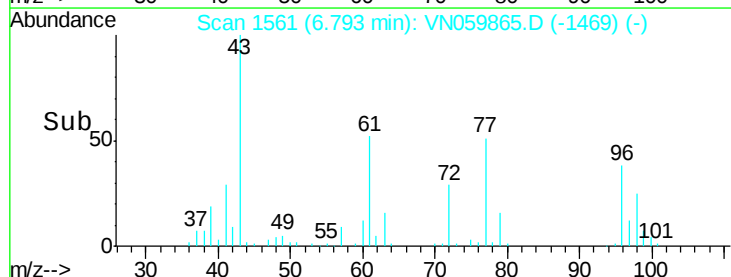
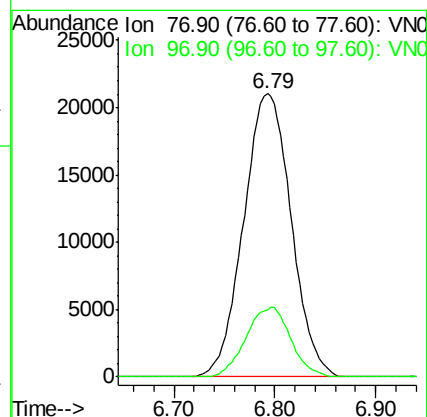
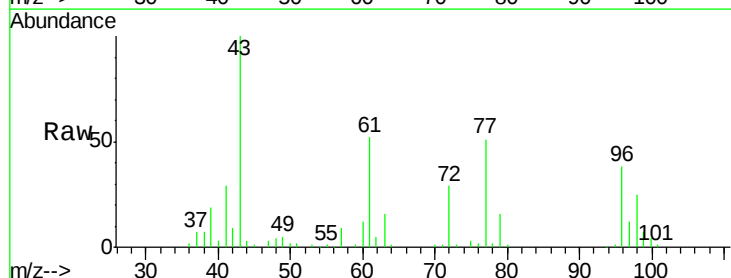
Acq: 27 Jan 2020 12:11

Tgt Ion: 77 Resp: 68807

Ion Ratio Lower Upper

77 100

97 23.1 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 20.786 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059865.D

Acq: 27 Jan 2020 12:11

Instrument :

MSVOA_N

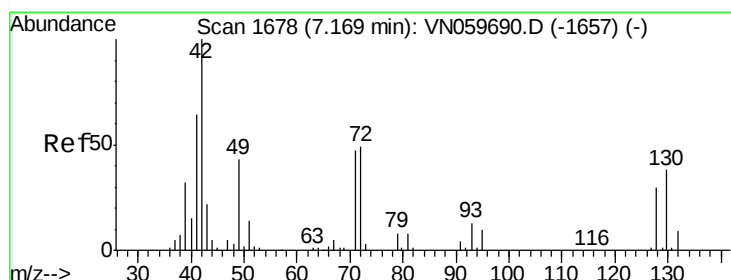
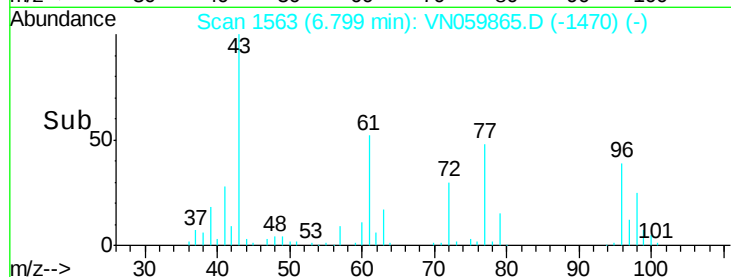
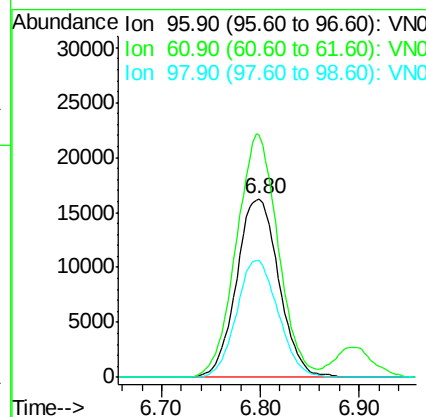
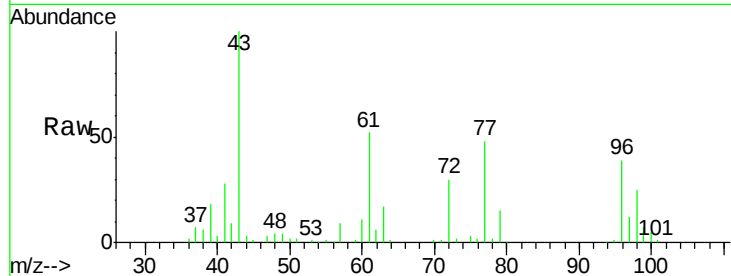
ClientSampleId :

VN0127WBS01

Tot Ion:	96	Resp:	48309
Ion	Ratio	Lower	Upper
96	100		
61	134.6	0.0	317.6
98	64.4	0.0	127.0

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#28

Bromochloromethane

Concen: 21.783 ug/l

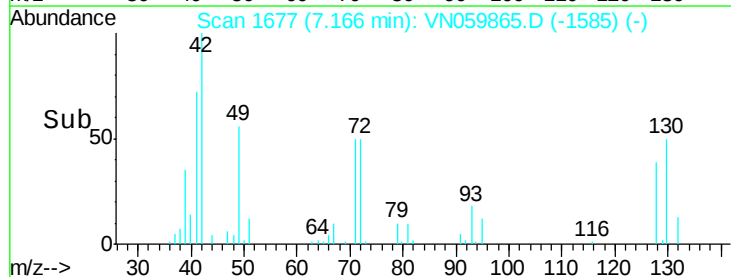
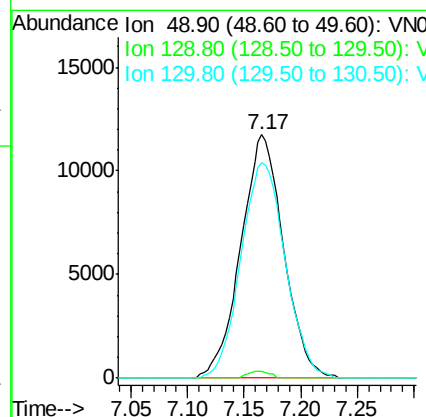
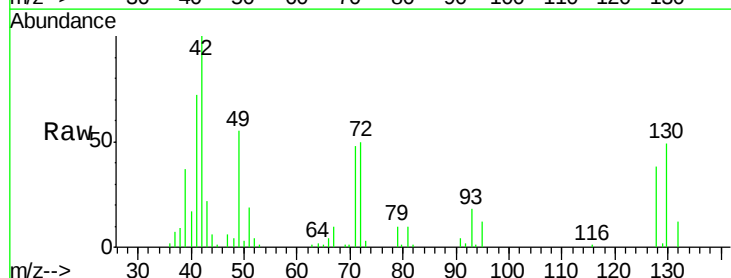
RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN059865.D

Acq: 27 Jan 2020 12:11

Tgt Ion:	49	Resp:	30889
Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	3.4
130	91.6	54.7	82.1#





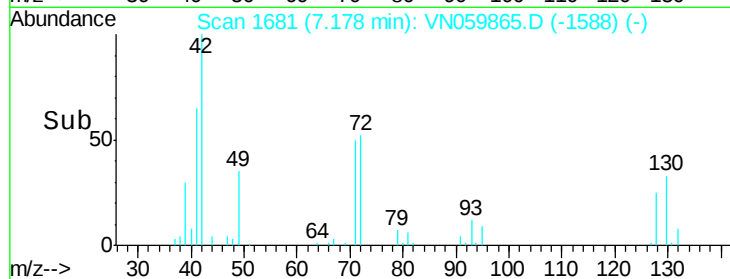
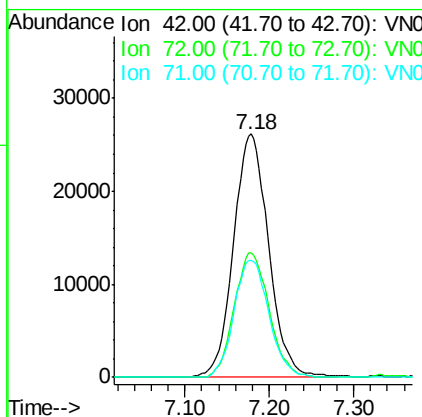
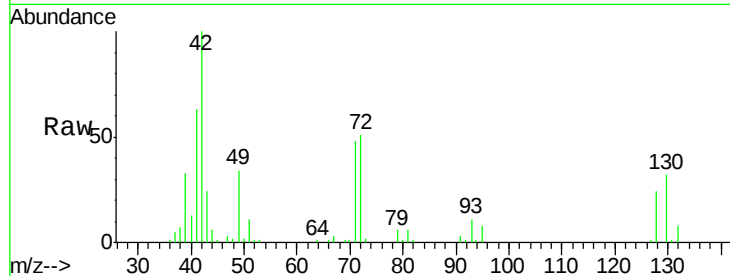
#29
Tetrahydrofuran
Concen: 93.981 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.5	33.1	49.7#
71	47.6	31.4	47.0#

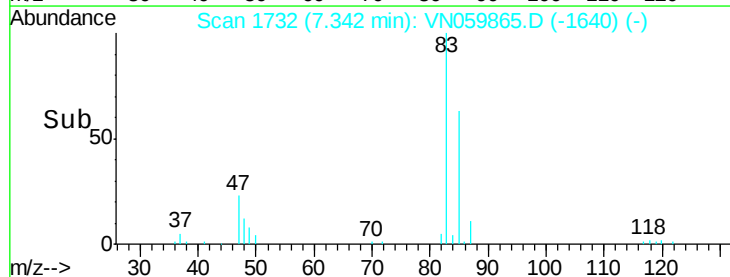
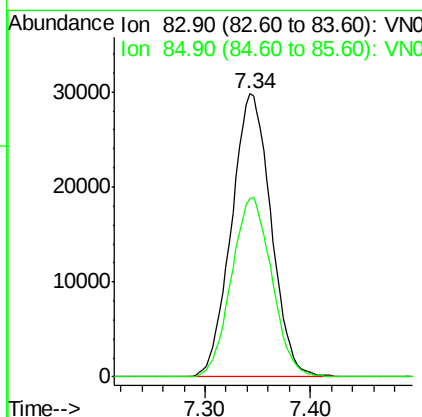
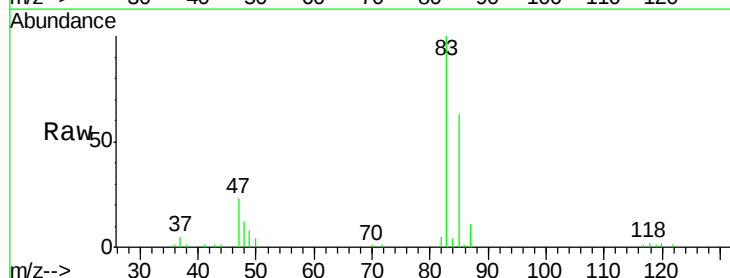
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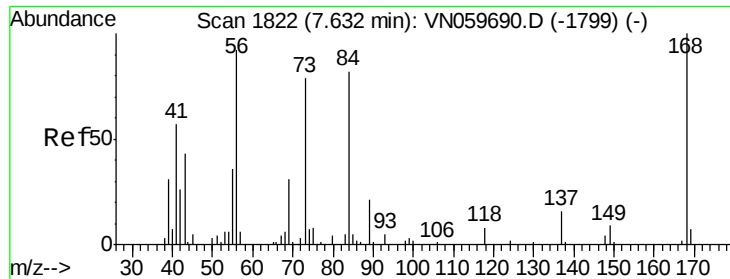
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#30
Chloroform
Concen: 21.119 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	52.4	78.6





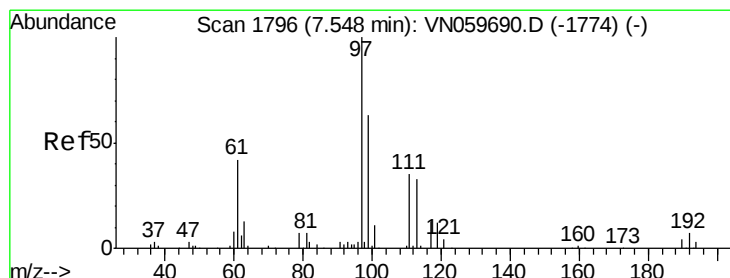
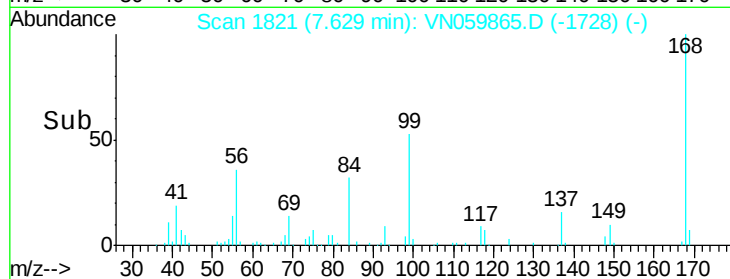
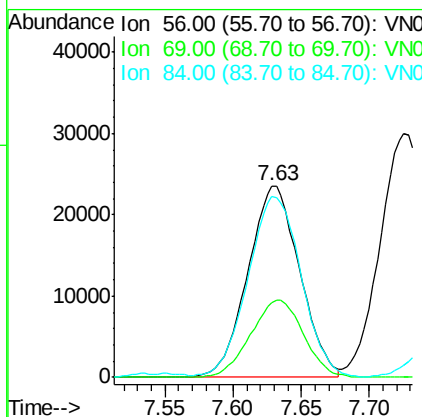
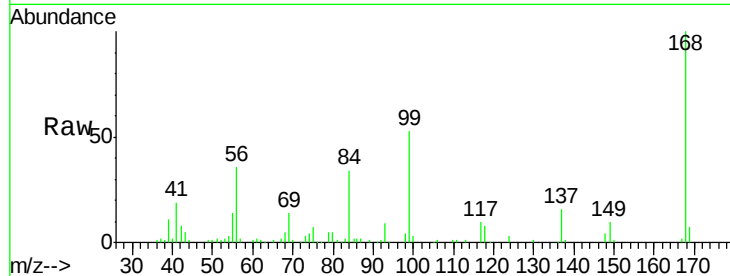
#31
Cyclohexane
Concen: 18.153 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.4	26.5	39.7
84	93.3	65.3	97.9

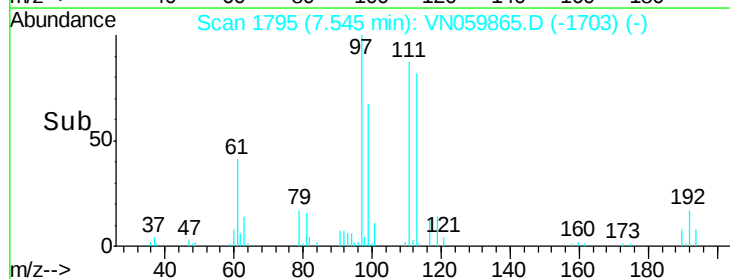
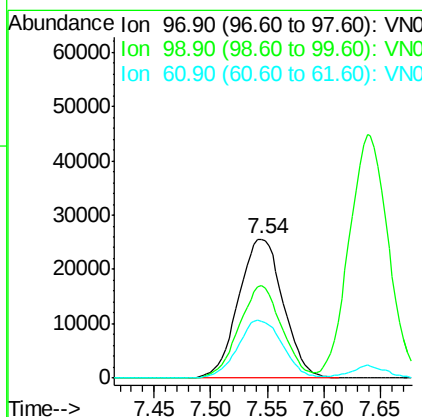
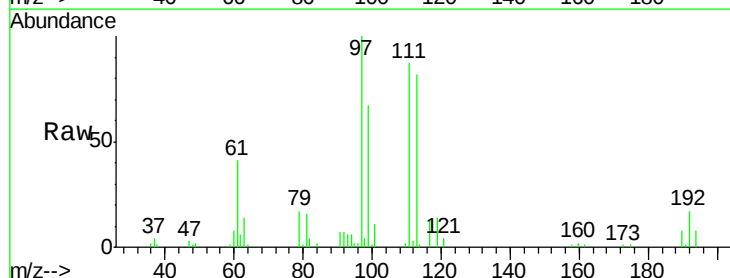
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#32
1,1,1-Trichloroethane
Concen: 20.698 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.0	76.4
61	41.9	38.5	57.7





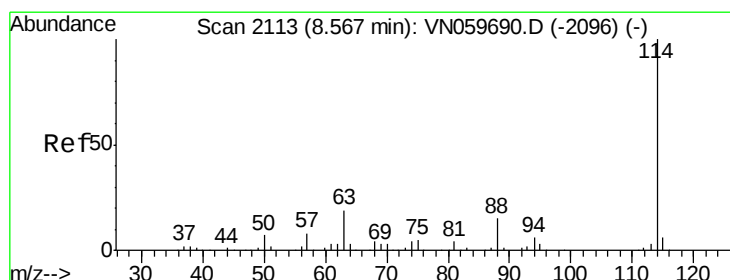
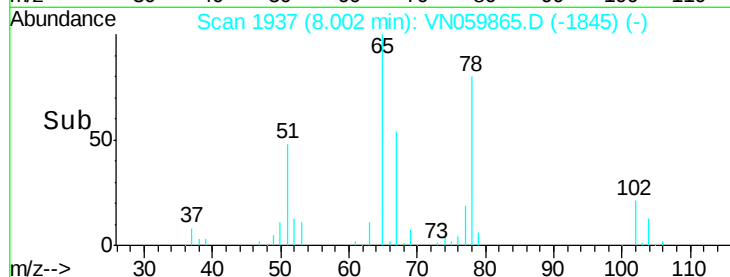
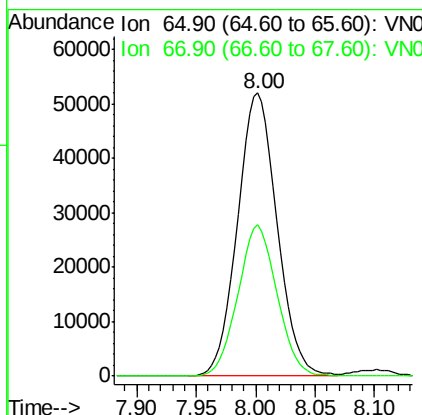
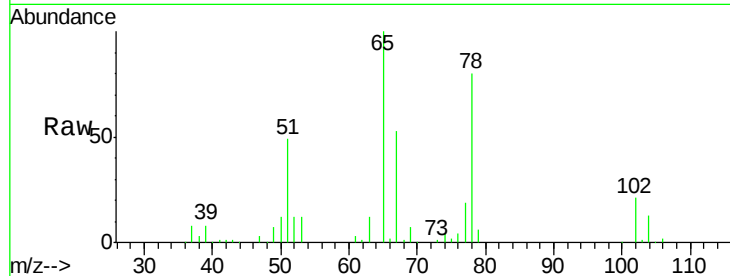
#33
 1,2-Dichloroethane-d4
 Concen: 51.979 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059865.D
 Acq: 27 Jan 2020 12:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.7	0.0	103.0	

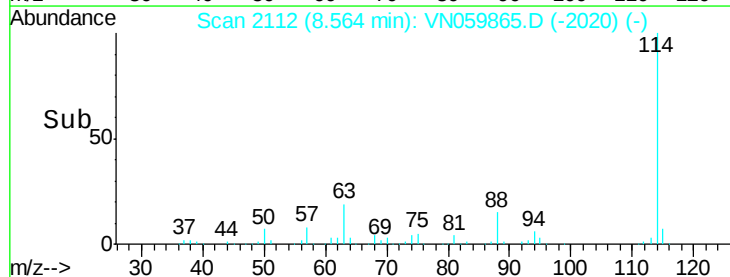
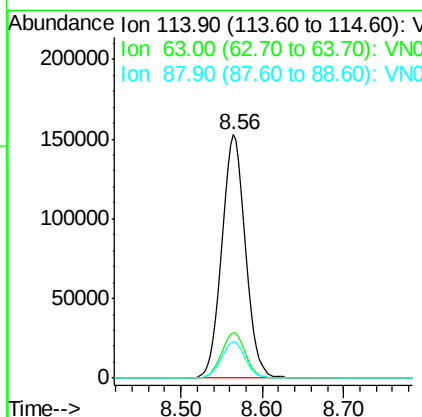
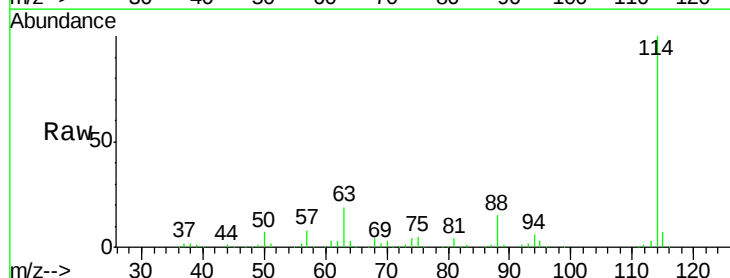
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059865.D
 Acq: 27 Jan 2020 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.8	0.0	43.6	
88	15.0	0.0	31.4	





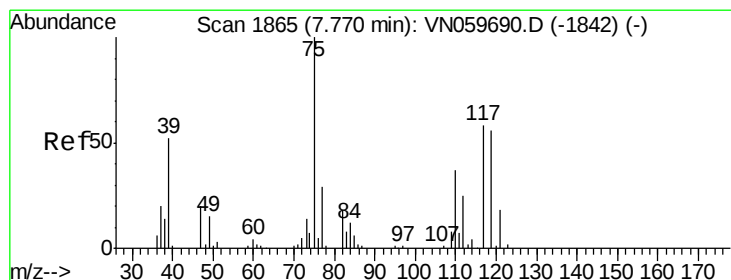
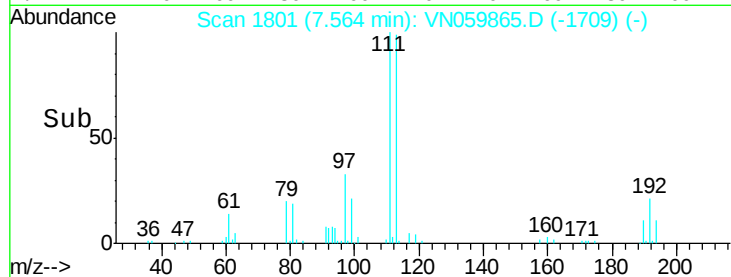
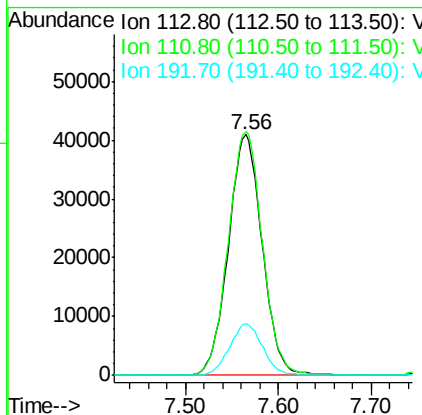
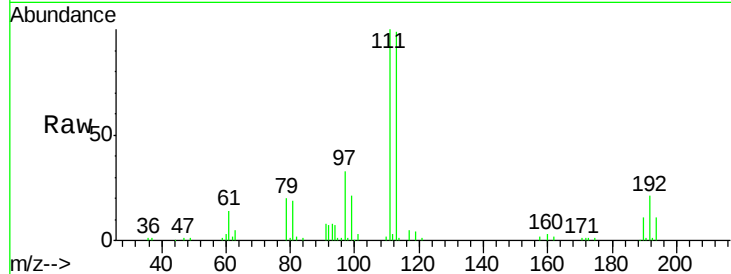
#35
 Dibromofluoromethane
 Concen: 55.266 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059865.D
 Acq: 27 Jan 2020 12:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	103415		
111	102.6	83.5	125.3	
192	20.8	15.4	23.2	

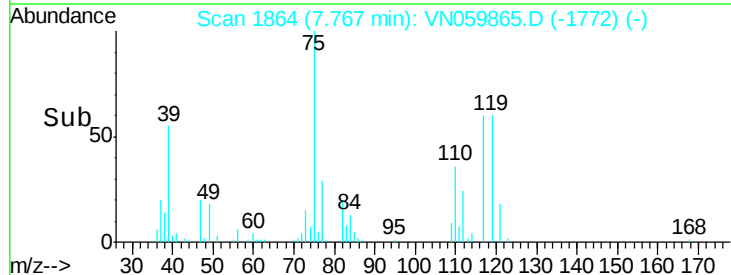
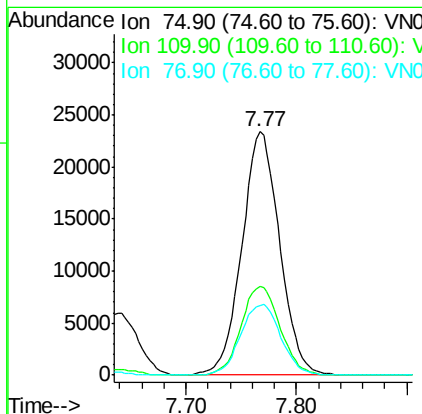
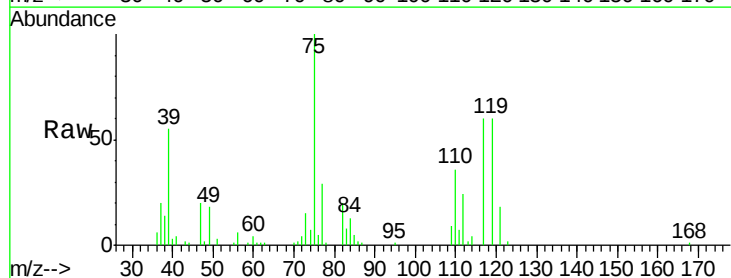
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#36
 1,1-Dichloropropene
 Concen: 20.298 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN059865.D
 Acq: 27 Jan 2020 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	55465		
110	37.5	16.6	49.7	
77	30.9	25.1	37.7	





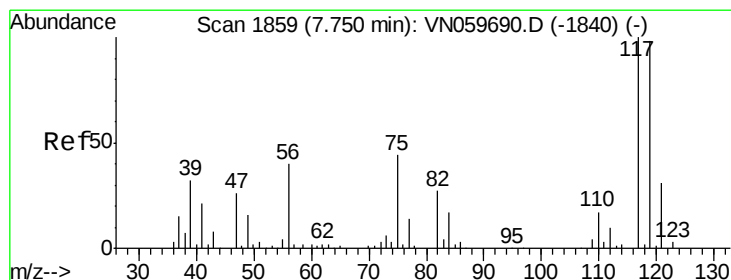
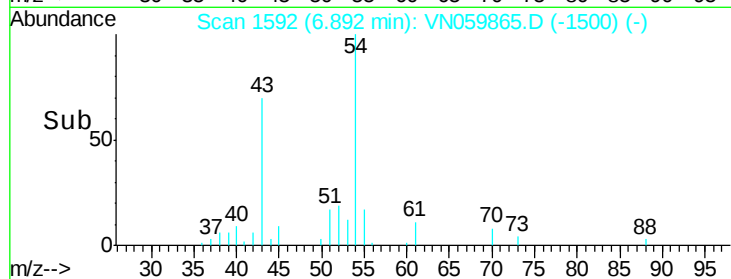
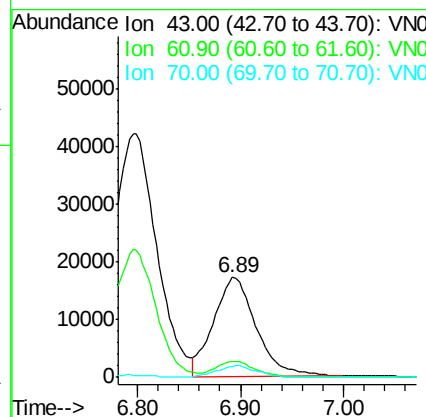
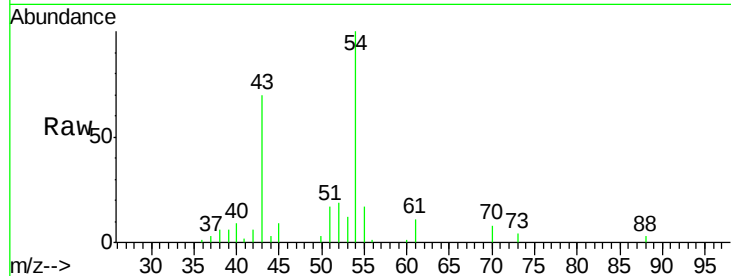
#37
Ethyl Acetate
Concen: 19.199 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	10.9	16.3
70	11.0	7.7	11.5

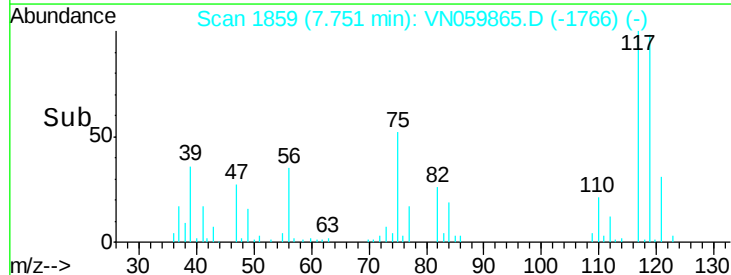
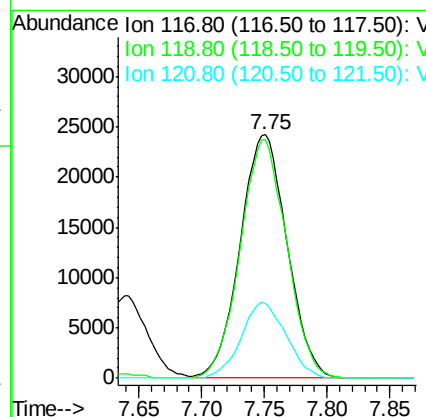
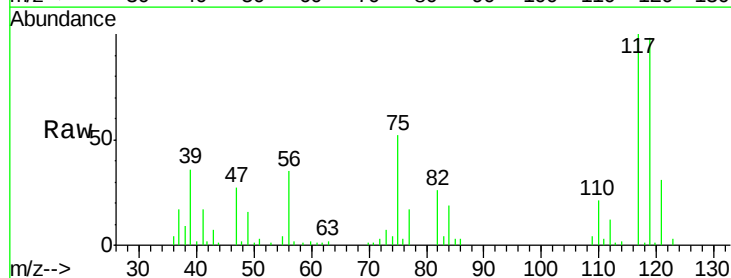
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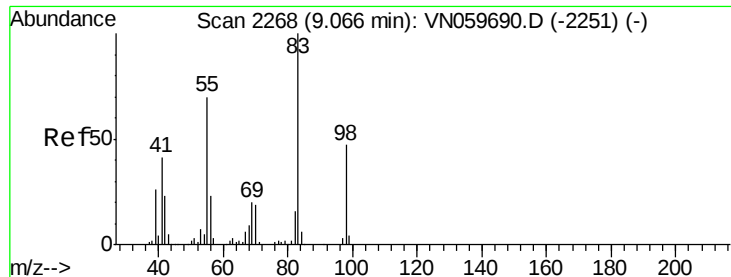
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#38
Carbon Tetrachloride
Concen: 21.231 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	76.5	114.7
121	30.6	25.1	37.7





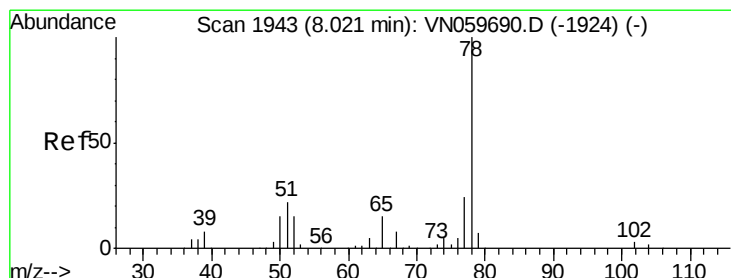
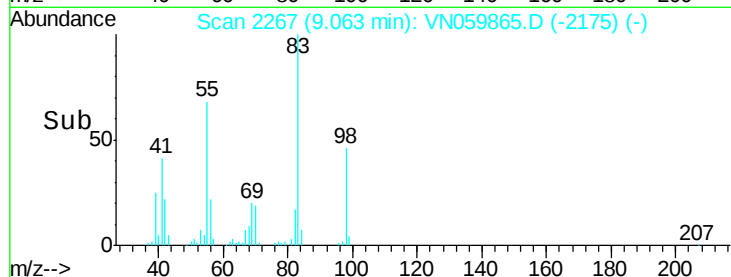
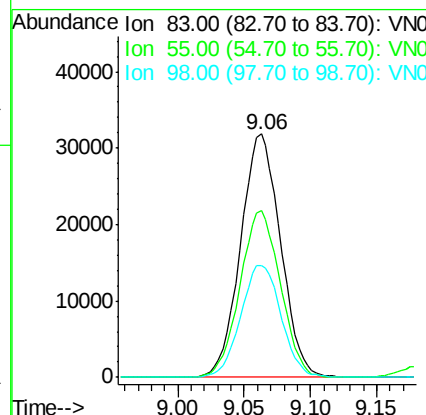
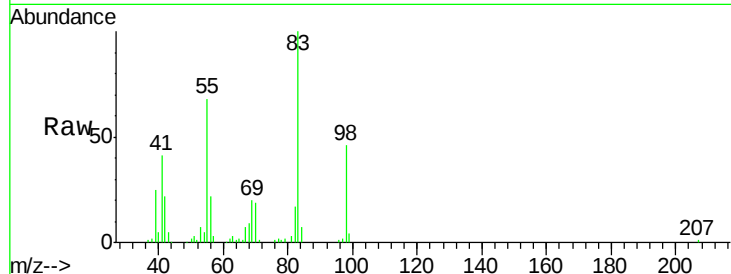
#39
Methvlcvclohexane
Concen: 19.764 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.4	64.2	96.2
98	45.9	35.9	53.9

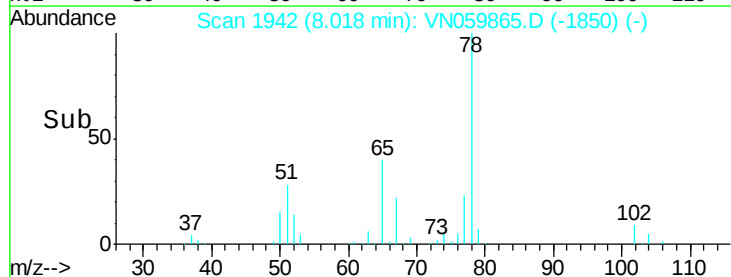
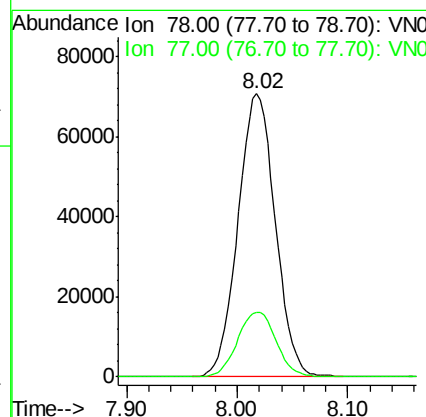
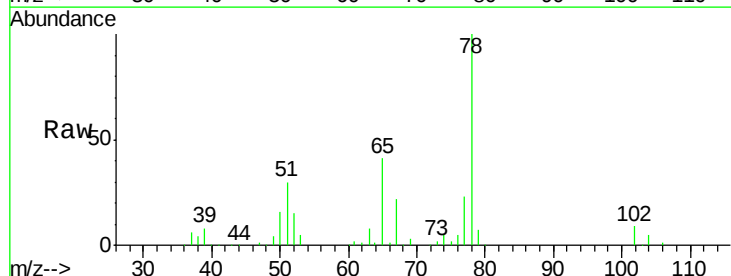
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#40
Benzene
Concen: 20.333 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.9	28.3





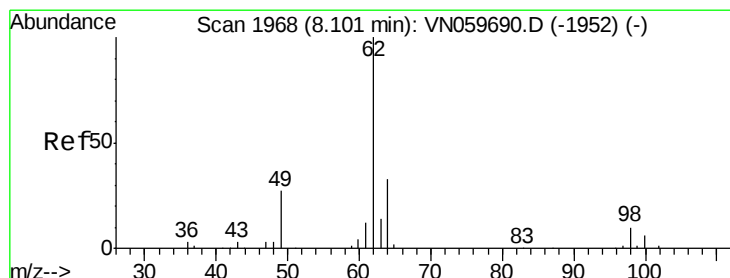
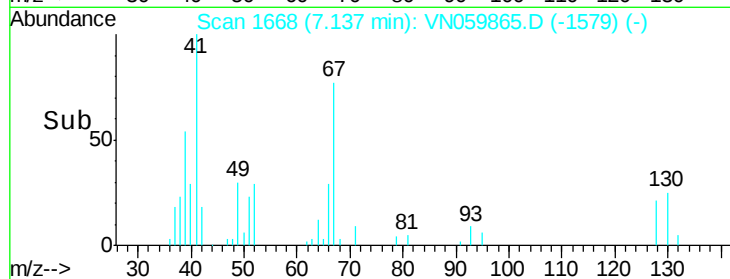
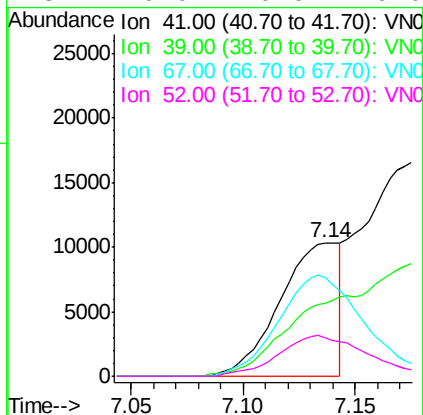
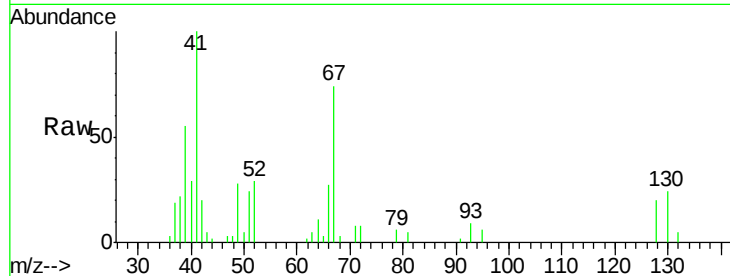
#41
Methacrylonitrile
Concen: 15.230 ug/l m
RT: 7.14 min Scan# 1668
Delta R.T. -0.01 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBS01

Tot Ion	41	Resp	19226
Ion	Ratio	Lower	Upper
41	100		
39	196.0	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

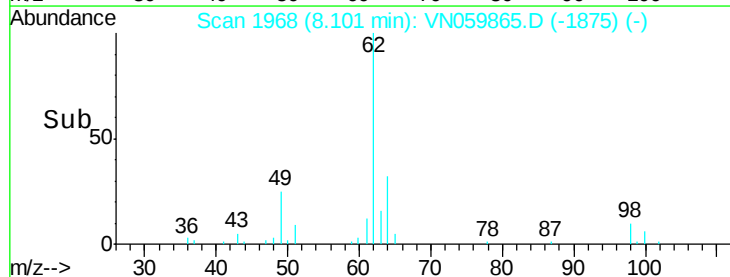
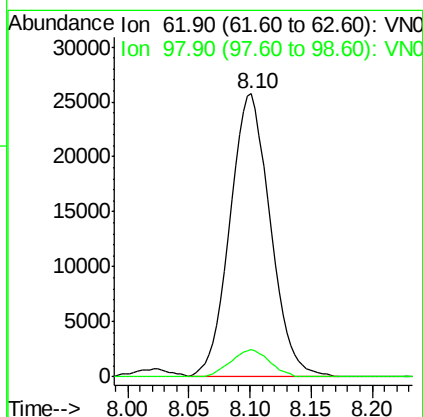
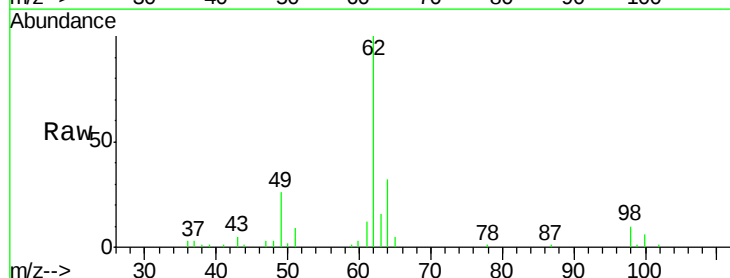
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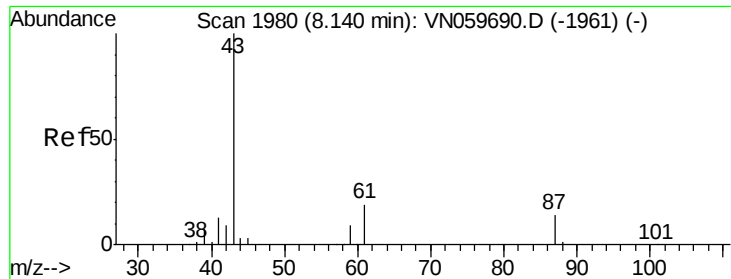
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#42
1,2-Dichloroethane
Concen: 21.431 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Tgt Ion	62	Resp	59214
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	15.8





#43

Isopropyl Acetate

Concen: 19.174 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059865.D

Acq: 27 Jan 2020 12:11

Instrument :

MSVOA_N

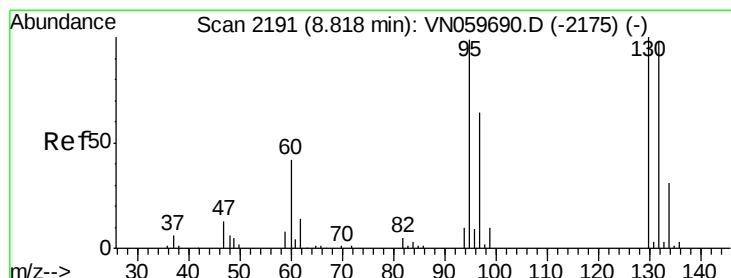
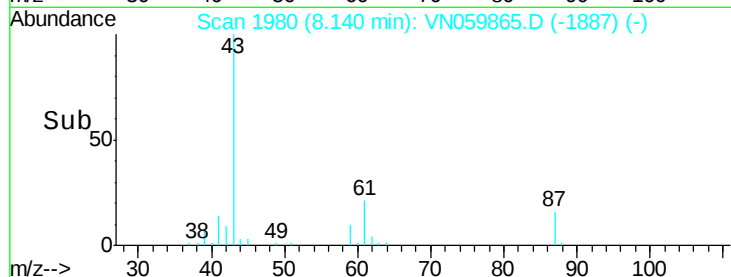
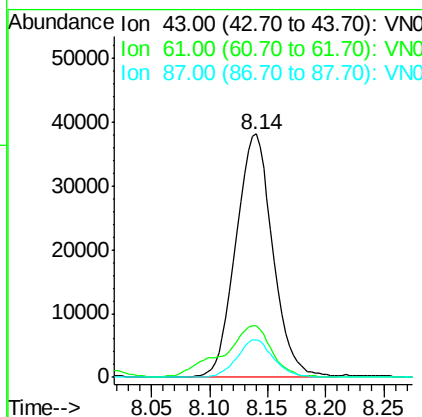
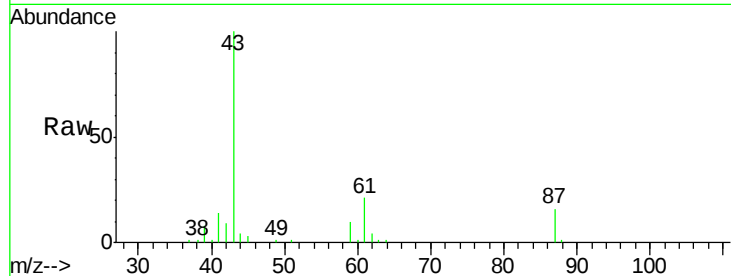
ClientSampleId :

VN0127WBS01

Tot Ion:	43	Resp:	84521
Ion	Ratio	Lower	Upper
43	100		
61	28.2	20.2	30.2
87	15.1	9.5	14.3#

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#44

Trichloroethene

Concen: 21.969 ug/l

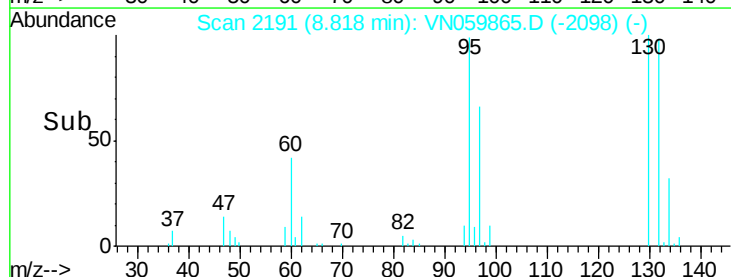
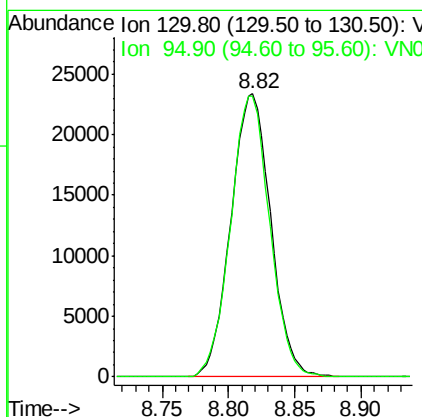
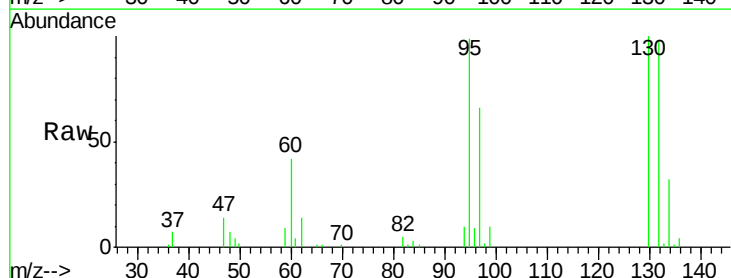
RT: 8.82 min Scan# 2191

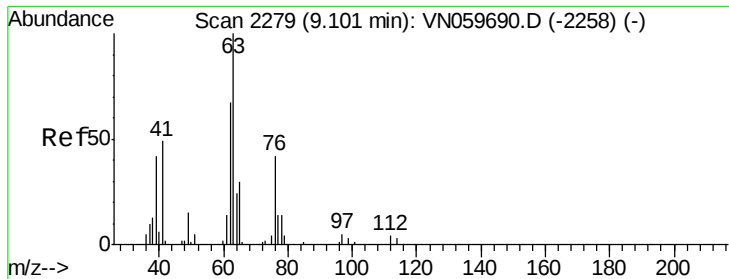
Delta R.T. 0.00 min

Lab File: VN059865.D

Acq: 27 Jan 2020 12:11

Tgt Ion:	130	Resp:	48874
Ion	Ratio	Lower	Upper
130	100		
95	99.0	0.0	207.0





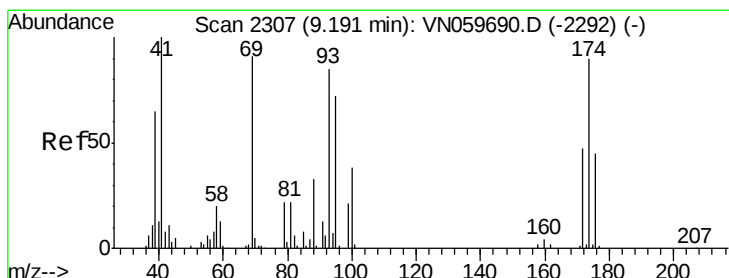
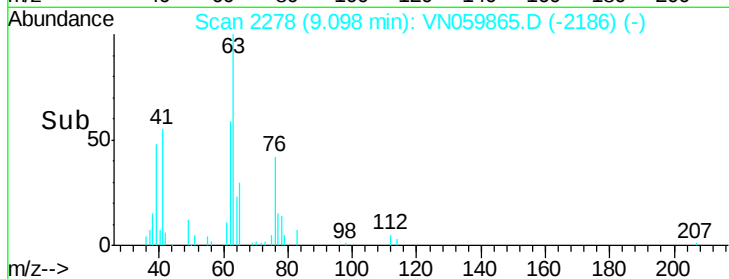
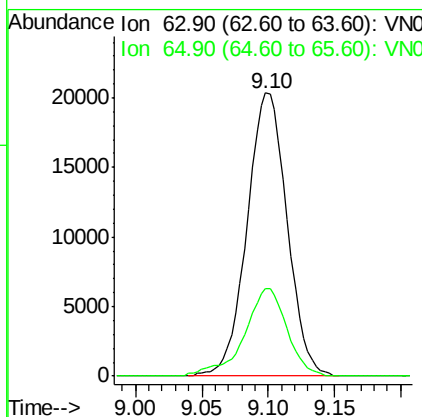
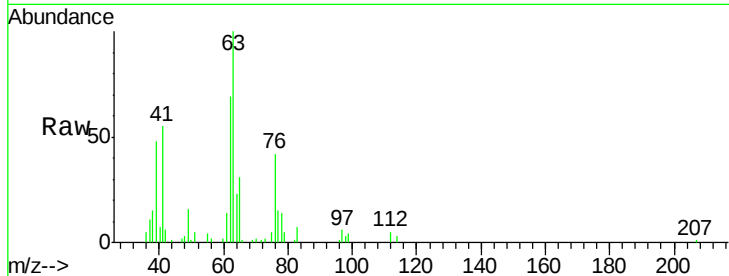
#45
 1,2-Dichloropropane
 Concen: 21.164 ug/l
 RT: 9.10 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: VN059865.D
 Acq: 27 Jan 2020 12:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127WBS01

Tot Ion: 63 Resp: 42678
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.9 37.3

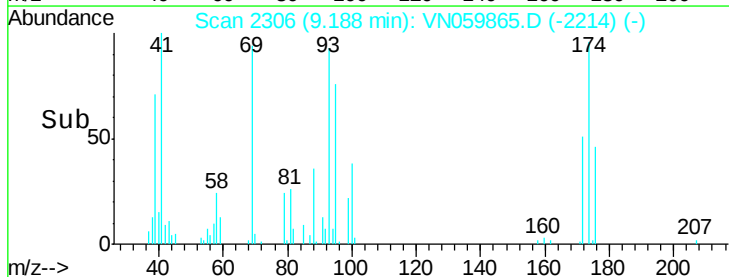
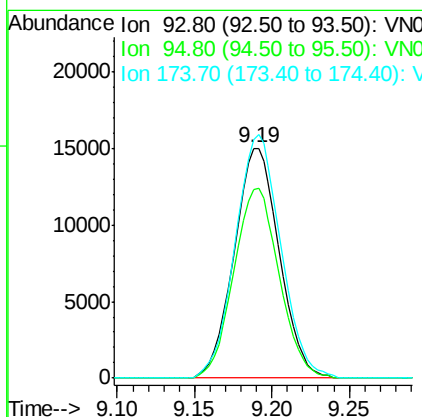
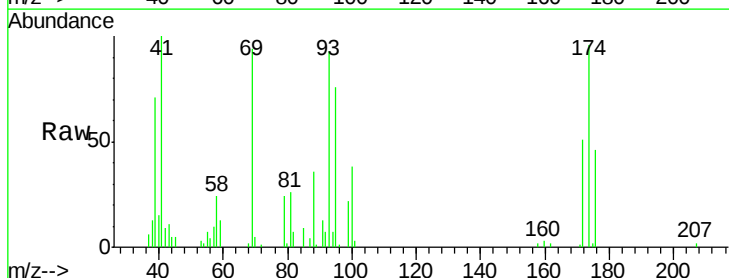
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#46
 Dibromomethane
 Concen: 21.419 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN059865.D
 Acq: 27 Jan 2020 12:11

Tgt Ion: 93 Resp: 30468
 Ion Ratio Lower Upper
 93 100
 95 82.8 67.0 100.6
 174 106.6 73.4 110.2





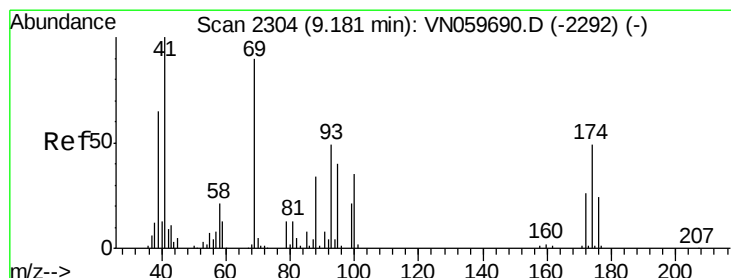
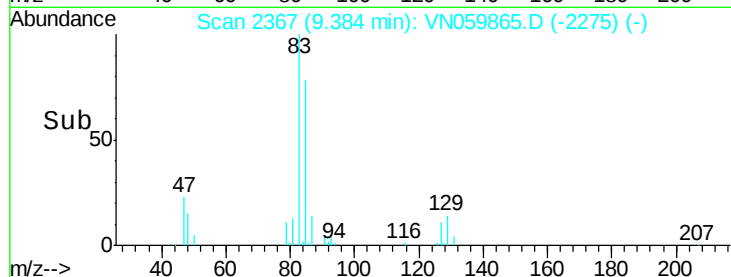
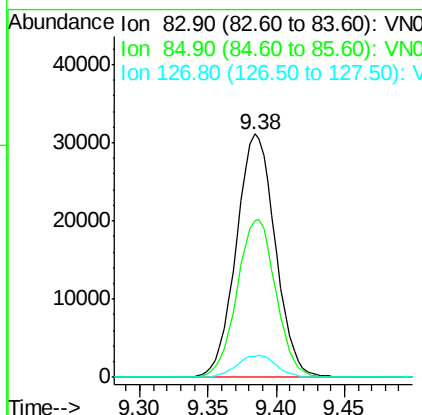
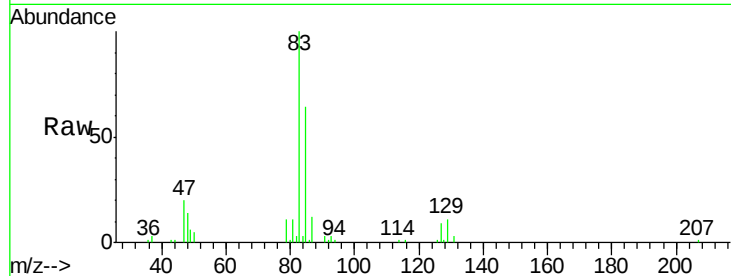
#47
Bromodichloromethane
Concen: 21.519 ug/l
RT: 9.38 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	61685		
85	64.3	51.1	76.7	
127	8.8	6.6	9.8	

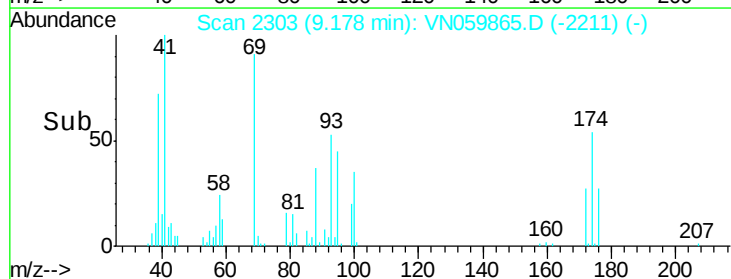
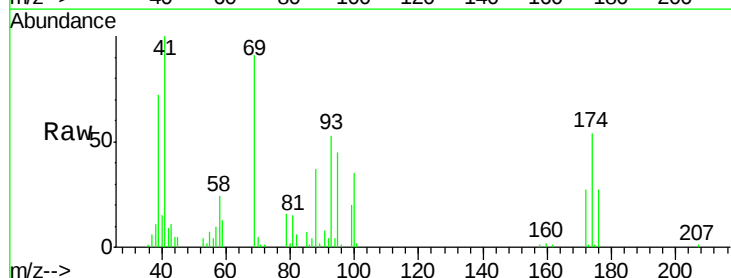
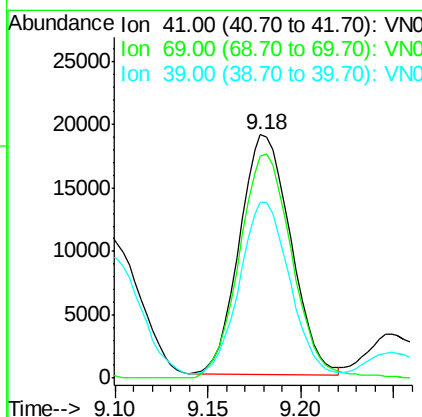
Manual Integrations
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#48
Methyl methacrylate
Concen: 18.388 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	36258		
69	96.4	64.4	96.6	
39	73.4	51.3	76.9	





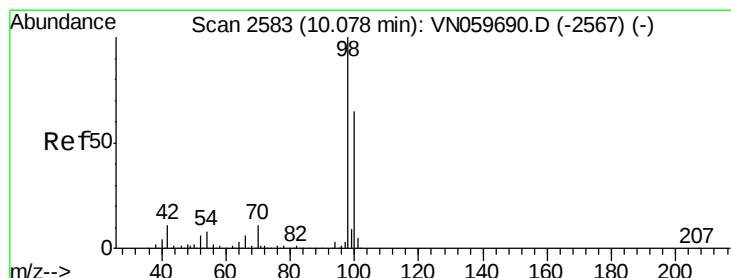
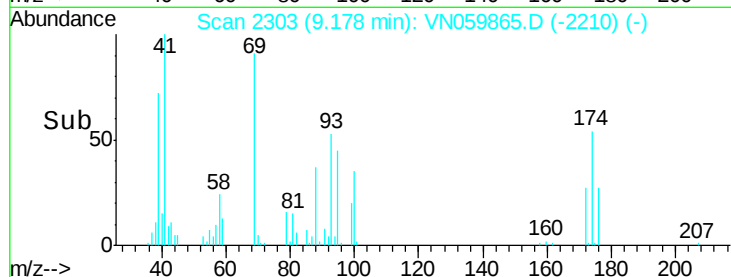
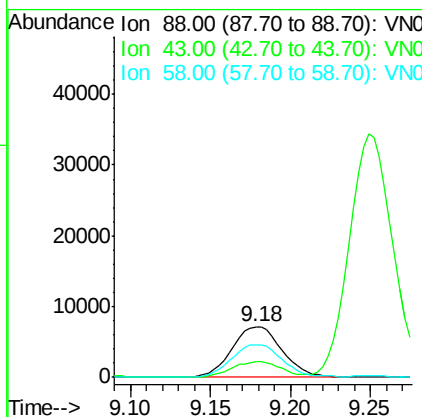
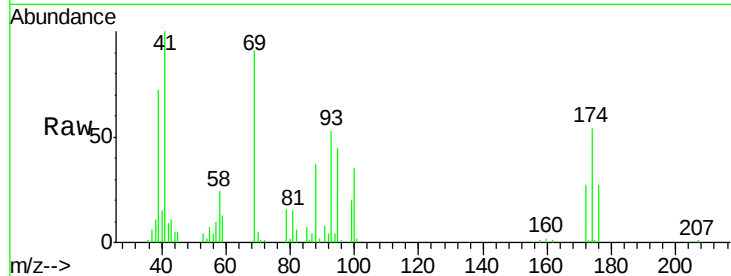
#49
1,4-Dioxane
Concen: 422.453 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.9	29.7	44.5
58	65.0	56.6	85.0

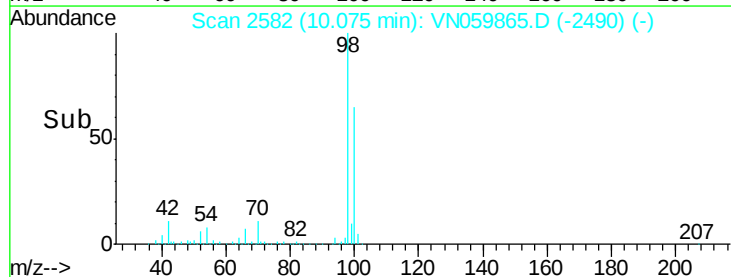
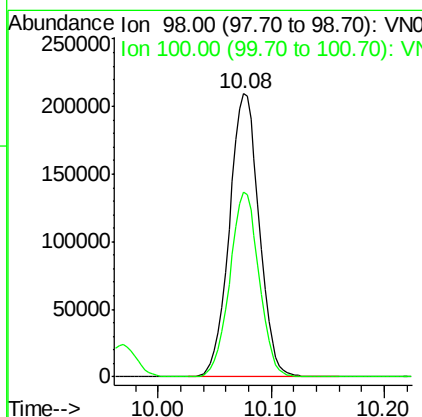
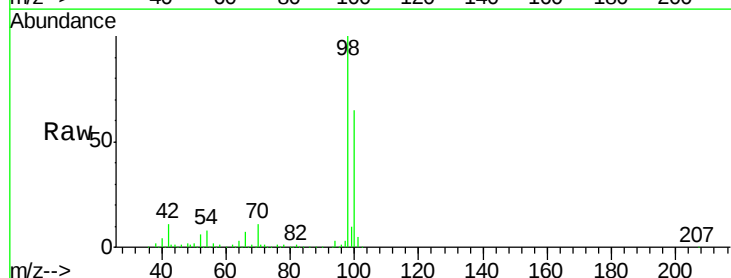
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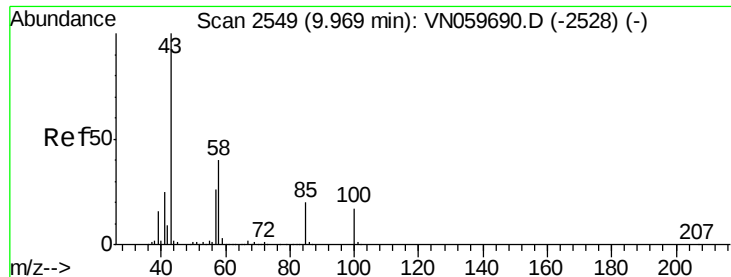
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#50
Toluene-d8
Concen: 52.816 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 96.077 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN059865.D

Acq: 27 Jan 2020 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN0127WBS01

Tot Ion: 43 Resp: 244828

Ion Ratio Lower Upper

43 100

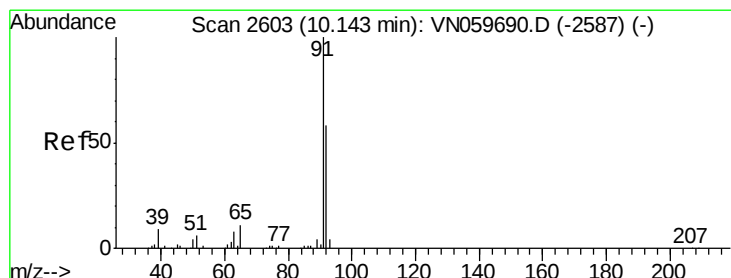
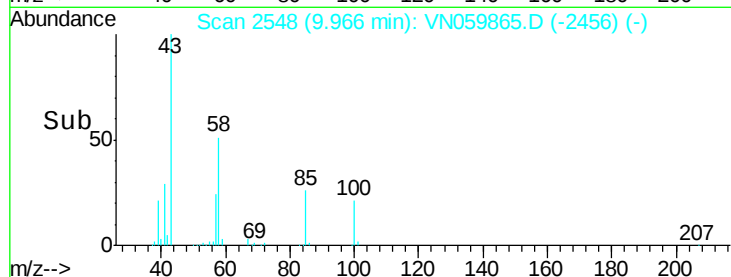
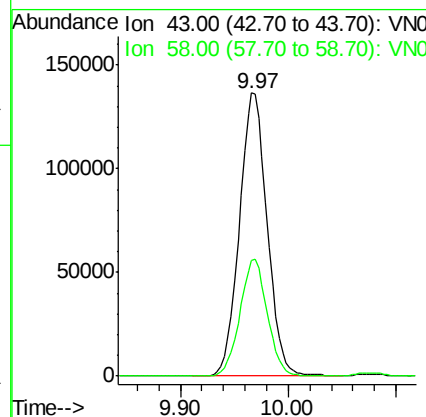
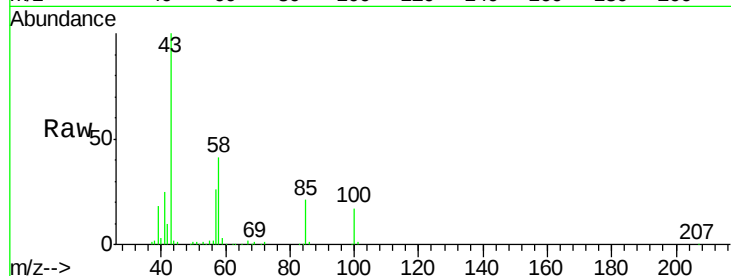
58 40.7 29.8 44.8

Manual Integrations

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#52

Toluene

Concen: 21.119 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN059865.D

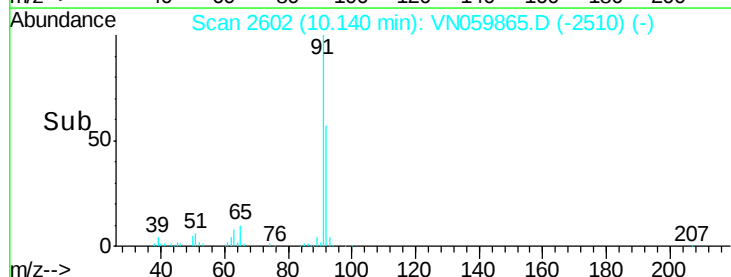
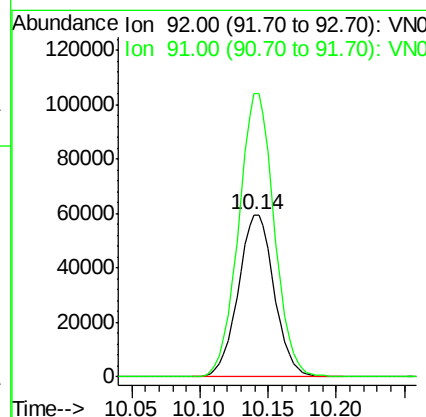
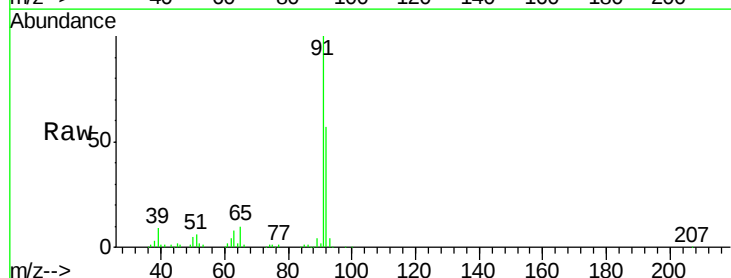
Acq: 27 Jan 2020 12:11

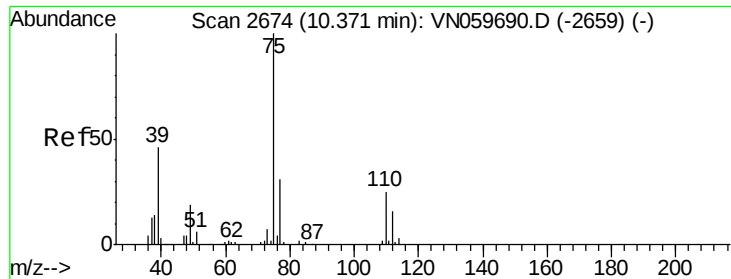
Tgt Ion: 92 Resp: 108710

Ion Ratio Lower Upper

92 100

91 173.2 140.4 210.6





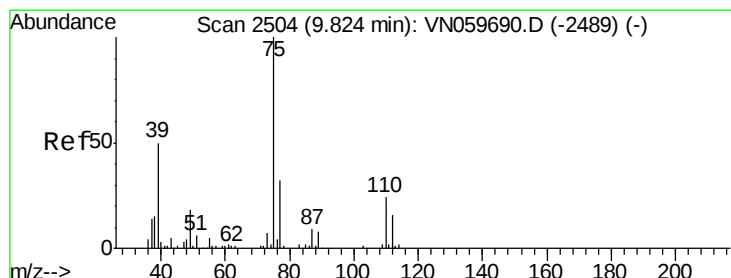
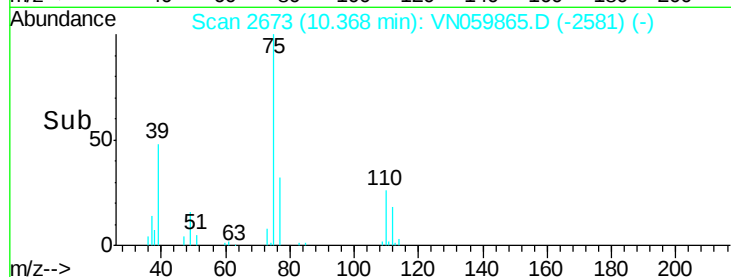
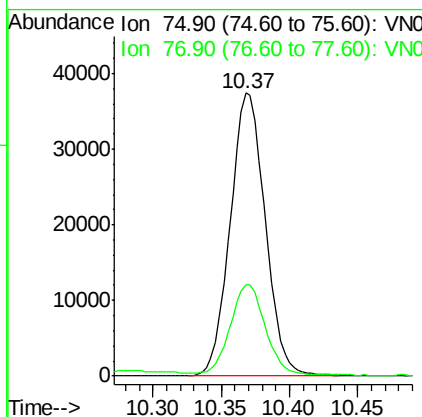
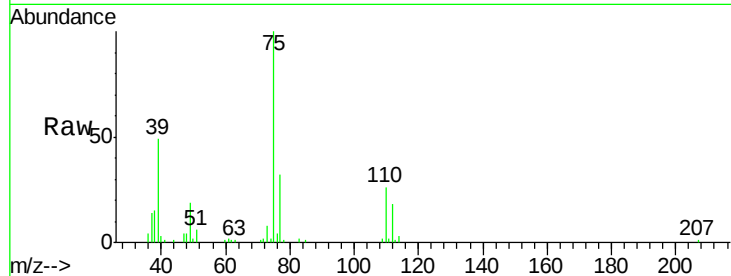
#53
t-1,3-Dichloropropene
Concen: 20.864 ug/l
RT: 10.37 min Scan# 2673
Delta R.T. -0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBS01

Tot Ion: 75 Resp: 66779
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2

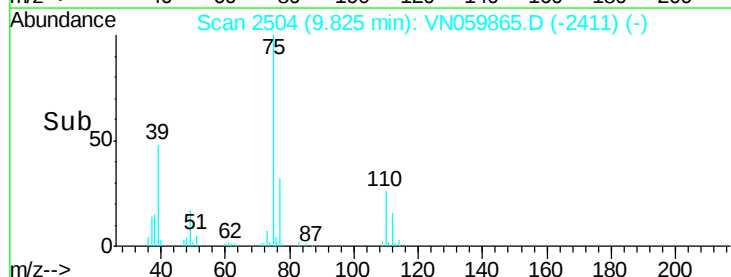
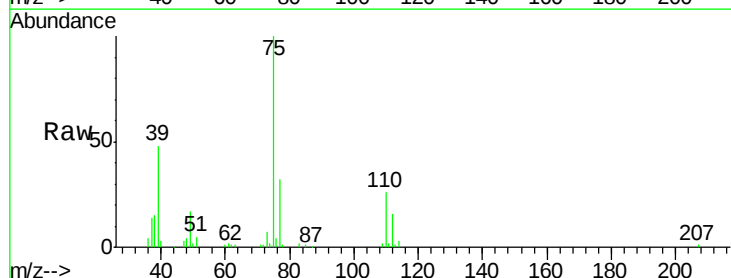
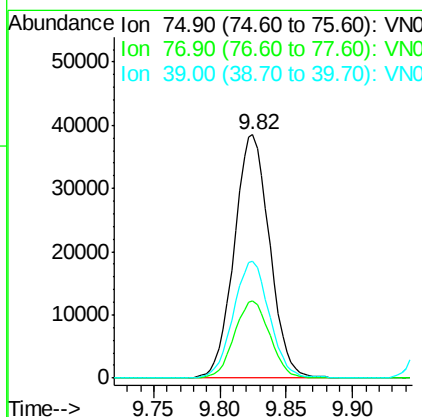
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#54
cis-1,3-Dichloropropene
Concen: 21.239 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. 0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Tgt Ion: 75 Resp: 71529
Ion Ratio Lower Upper
75 100
77 31.8 25.1 37.7
39 48.2 46.1 69.1





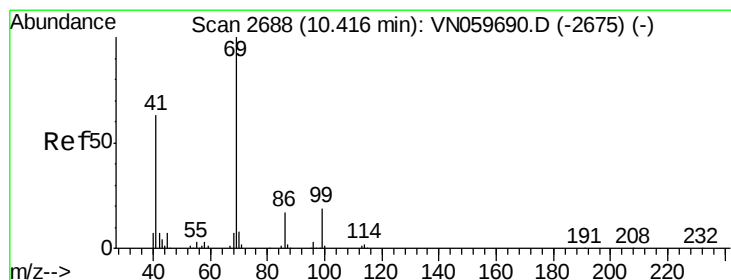
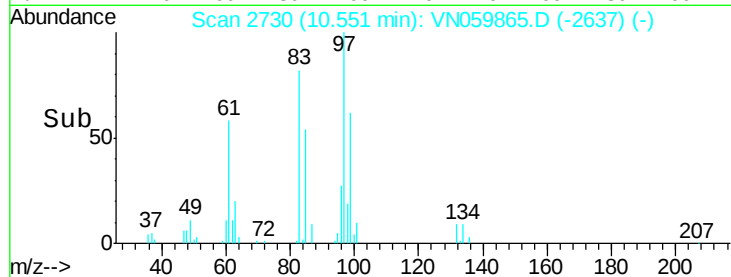
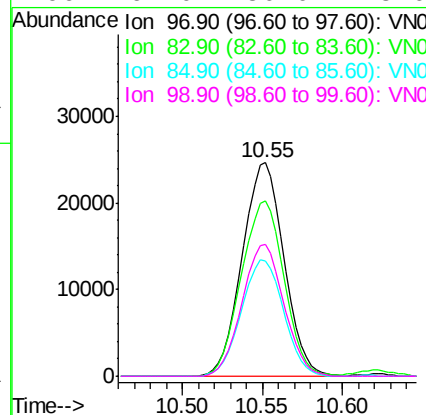
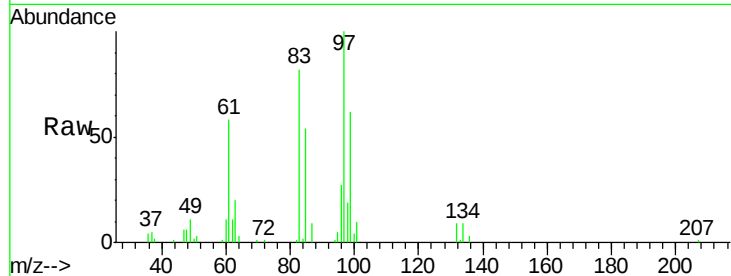
#55
 1,1,2-Trichloroethane
 Concen: 21.614 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN059865.D
 Acq: 27 Jan 2020 12:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127WBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	81.9	71.3	106.9
85	54.0	45.8	68.8
99	62.0	50.0	75.0

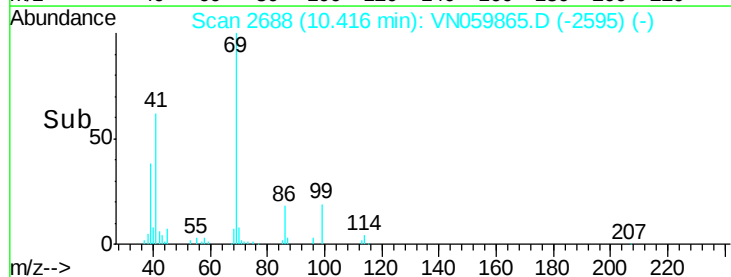
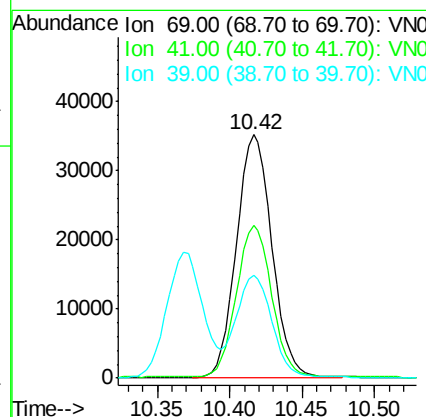
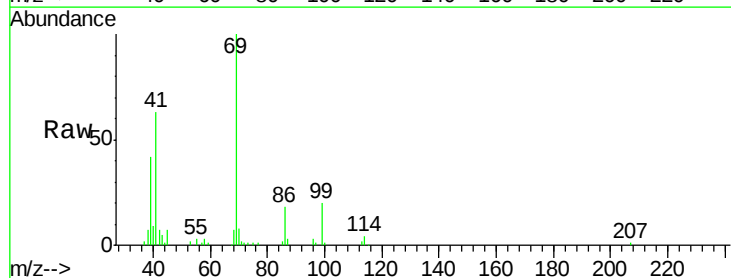
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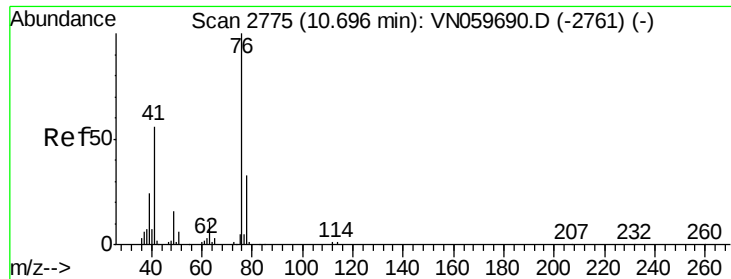
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#56
 Ethyl methacrylate
 Concen: 19.284 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN059865.D
 Acq: 27 Jan 2020 12:11

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.7	57.1	85.7
39	43.2	34.7	52.1





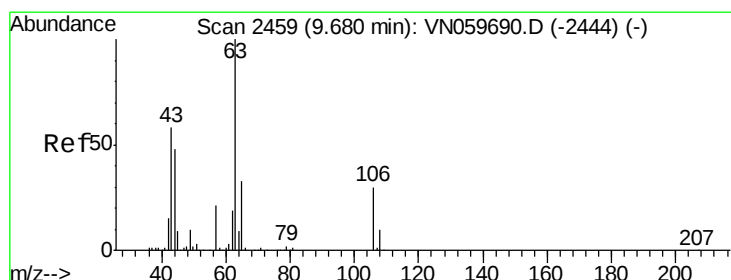
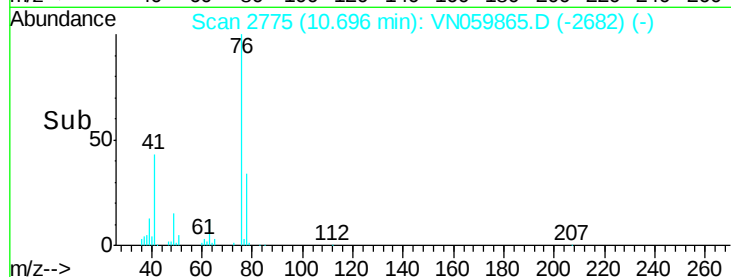
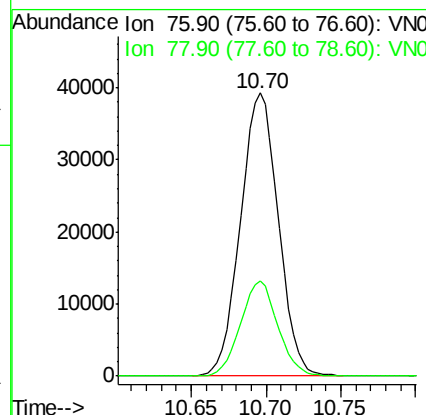
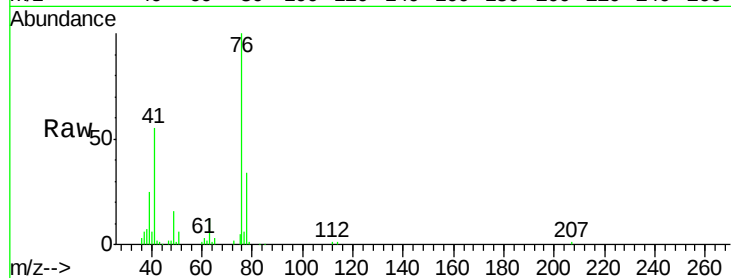
#57
 1,3-Dichloropropane
 Concen: 21.378 ug/l
 RT: 10.70 min Scan# 2775
 Delta R.T. 0.00 min
 Lab File: VN059865.D
 Acq: 27 Jan 2020 12:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127WBS01

Tot Ion: 76 Resp: 69193
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.8 38.8

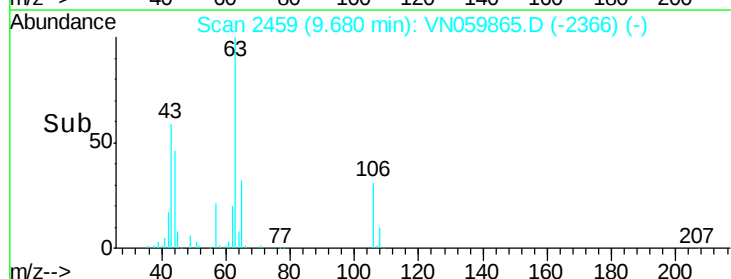
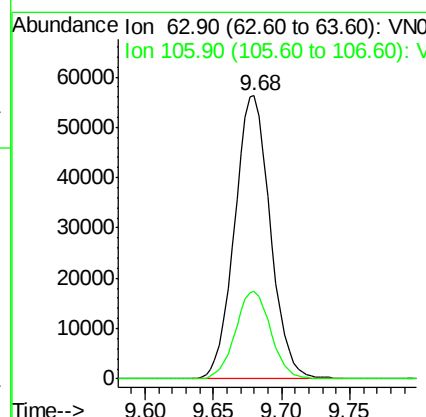
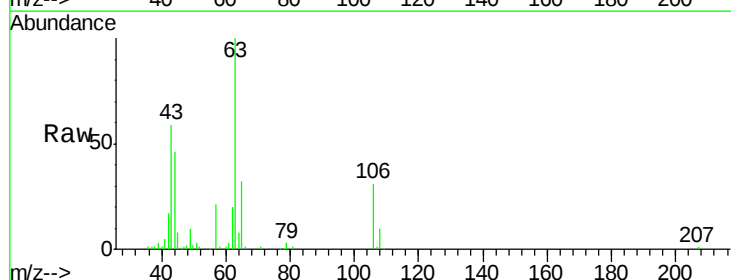
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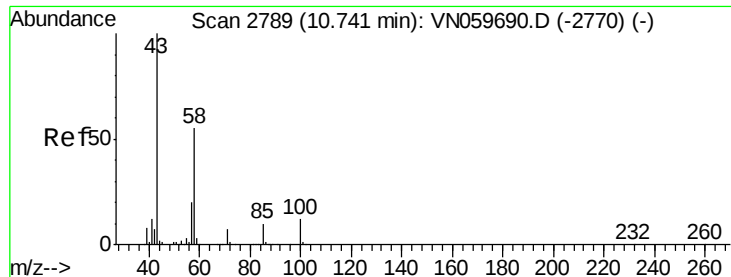
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#58
 2-Chloroethyl Vinyl ether
 Concen: 109.067 ug/l
 RT: 9.68 min Scan# 2459
 Delta R.T. 0.00 min
 Lab File: VN059865.D
 Acq: 27 Jan 2020 12:11

Tgt Ion: 63 Resp: 102337
 Ion Ratio Lower Upper
 63 100
 106 30.5 20.2 30.2#





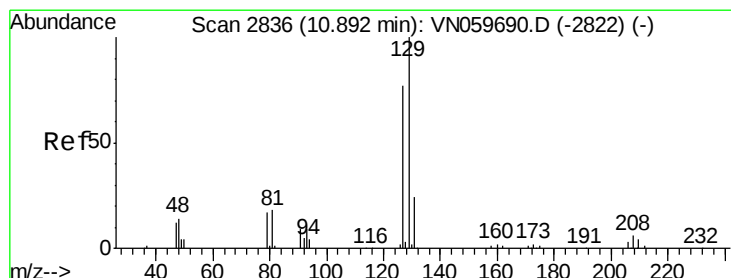
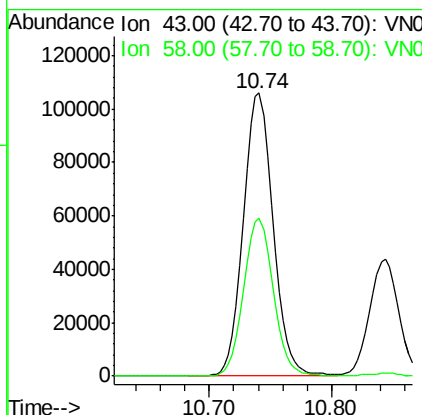
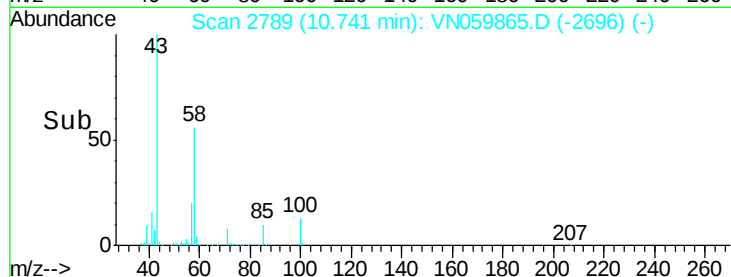
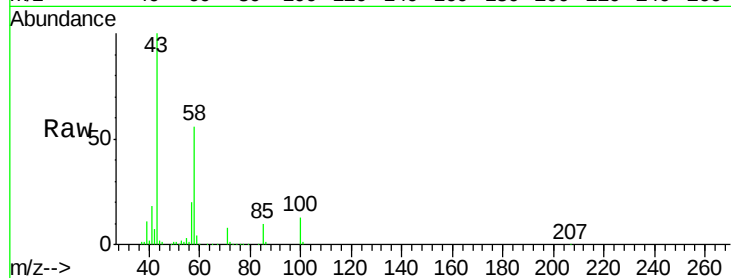
#59
2-Hexanone
Concen: 95.014 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBS01

Tot Ion: 43 Resp: 178370
Ion Ratio Lower Upper
43 100
58 55.6 25.8 77.3

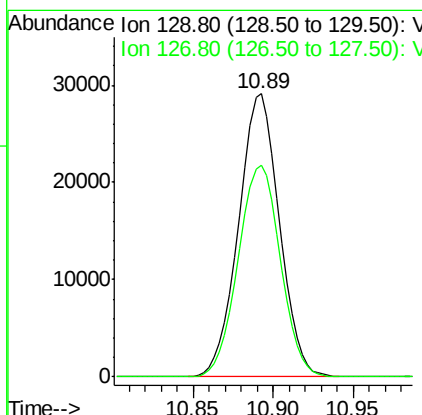
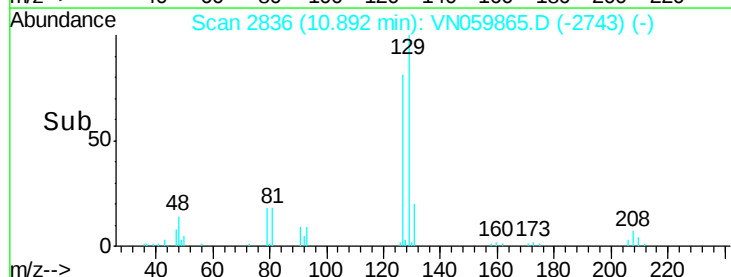
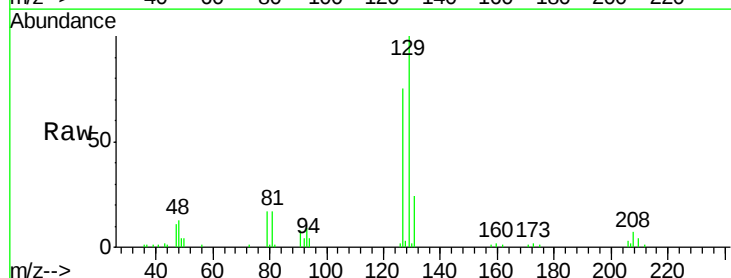
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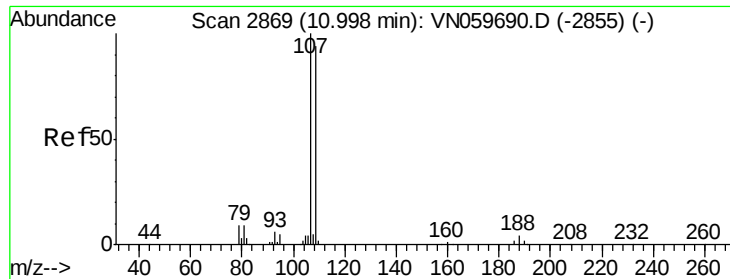
MMDadoda
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#60
Dibromochloromethane
Concen: 21.813 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Tgt Ion: 129 Resp: 50640
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5





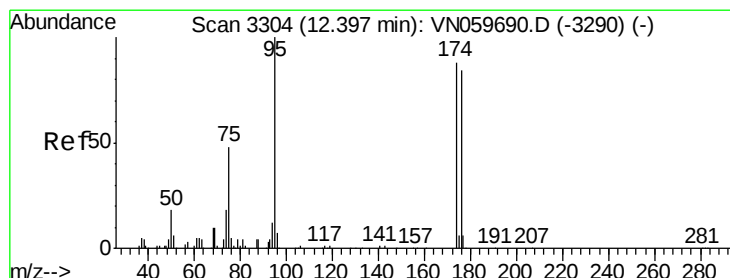
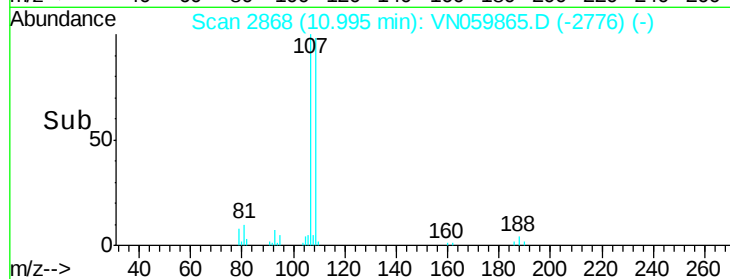
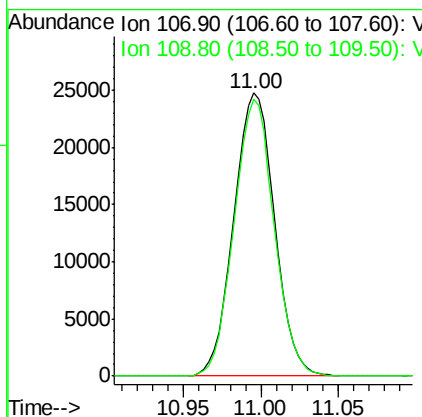
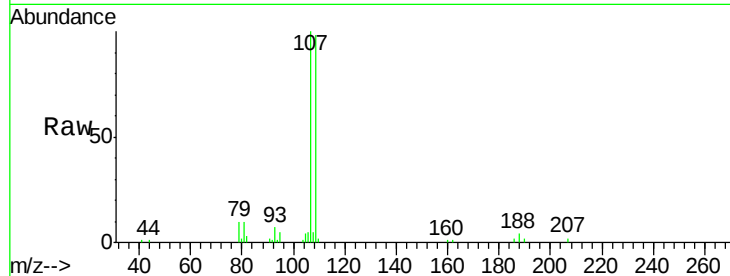
#61
 1,2-Dibromoethane
 Concen: 21.254 ug/l
 RT: 11.00 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN059865.D
 Acq: 27 Jan 2020 12:11

Instrument :
 MSVOA_N
 ClientSampled :
 VN0127WBS01

Tot Ion: 107 Resp: 45416
 Ion Ratio Lower Upper
 107 100
 109 95.8 76.6 115.0

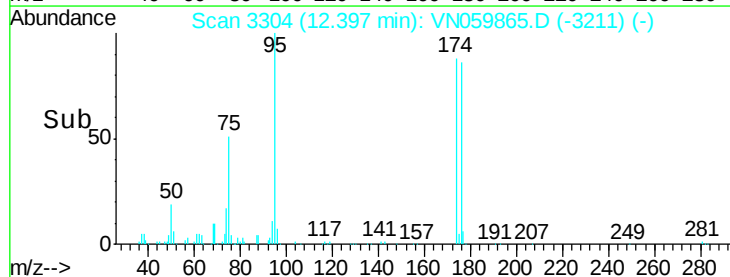
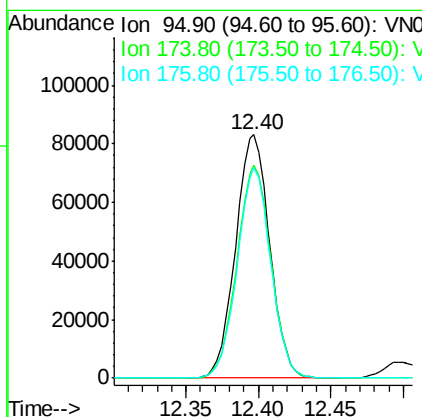
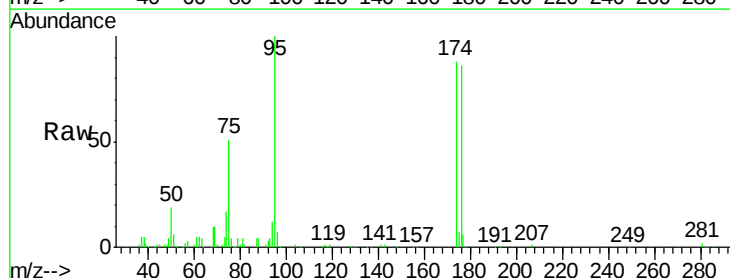
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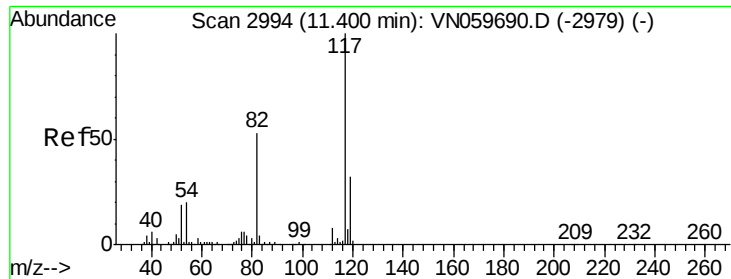
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#62
 4-Bromofluorobenzene
 Concen: 51.911 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN059865.D
 Acq: 27 Jan 2020 12:11

Tgt Ion: 95 Resp: 135675
 Ion Ratio Lower Upper
 95 100
 174 87.5 0.0 151.4
 176 84.6 0.0 146.0





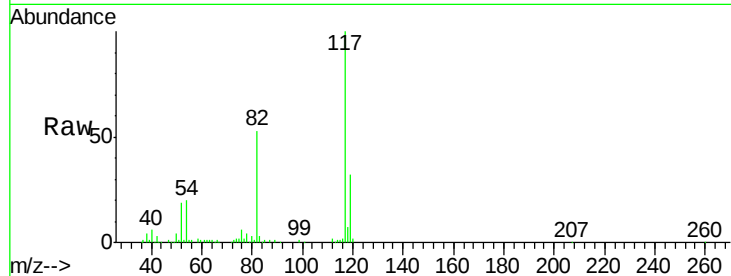
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	284788		
82	52.7		45.9	68.9
119	31.7		25.5	38.3

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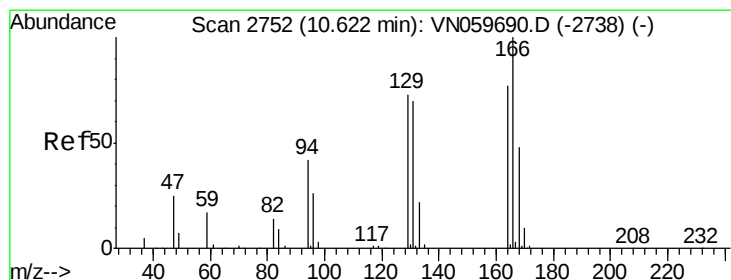
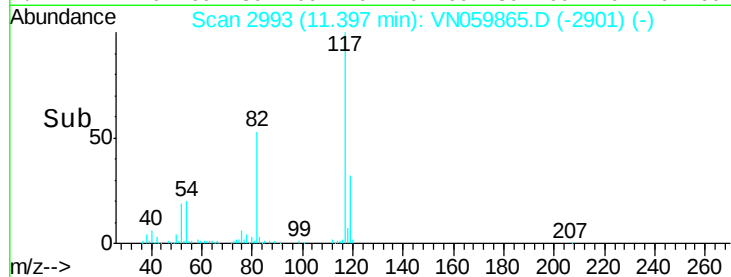
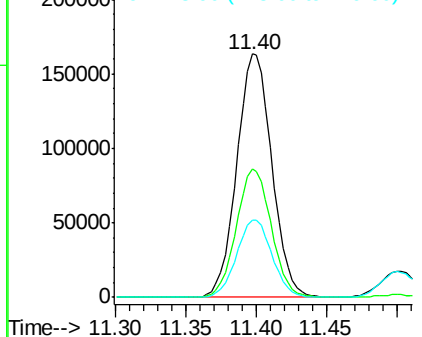


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 22.436 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	52076		
166	127.1		101.4	152.0
129	92.2		80.2	120.4
131	88.7		75.0	112.4

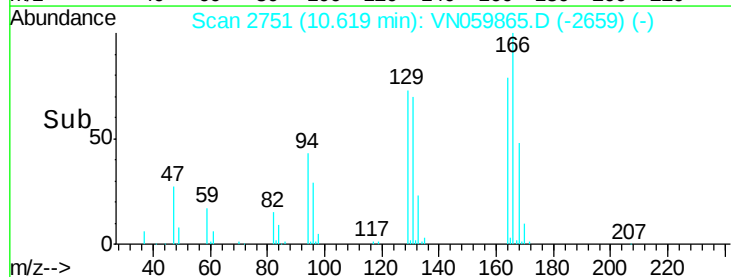
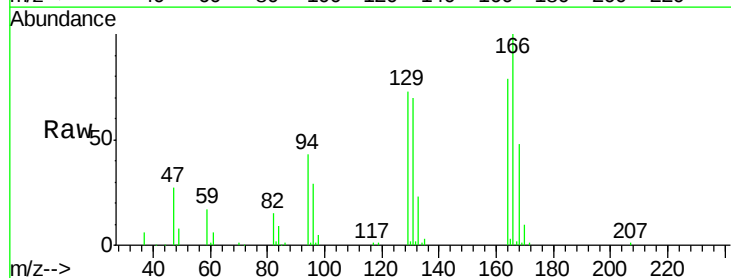
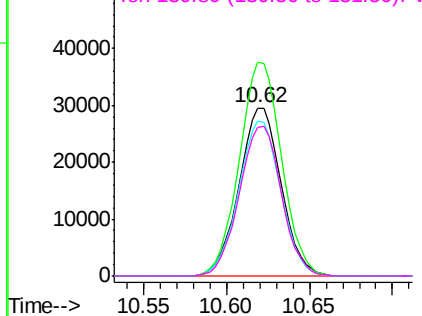
Abundance

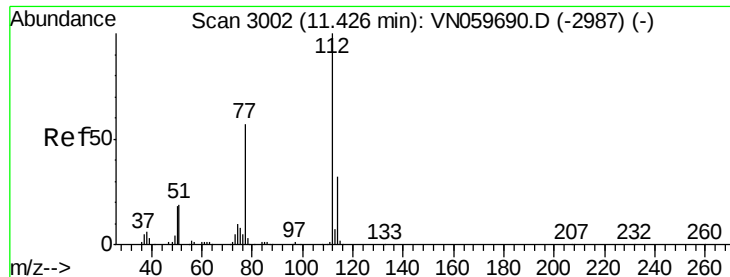
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





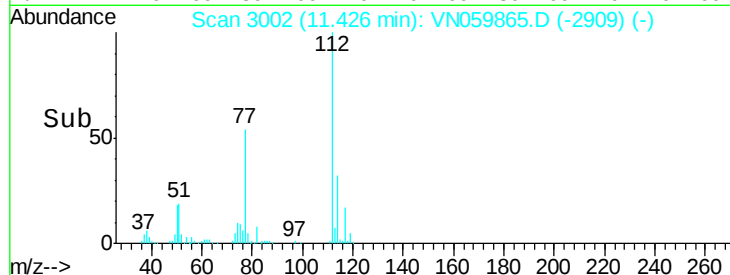
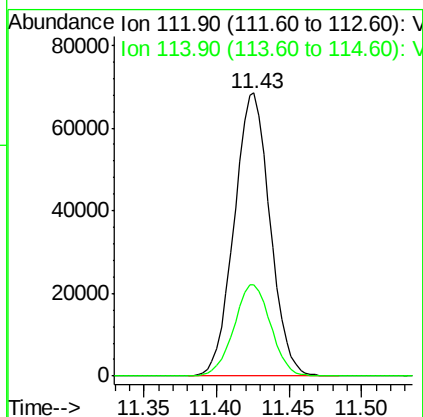
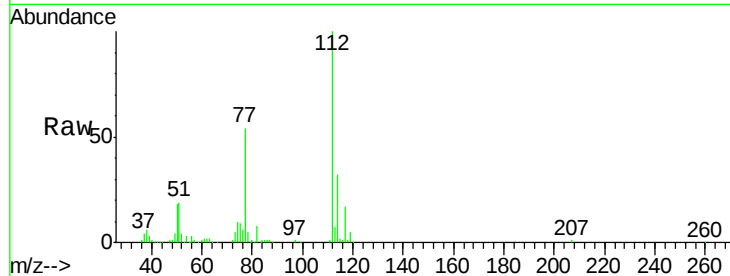
#65
Chlorobenzene
Concen: 21.028 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBS01

Tot Ion:112 Resp: 117705
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.8

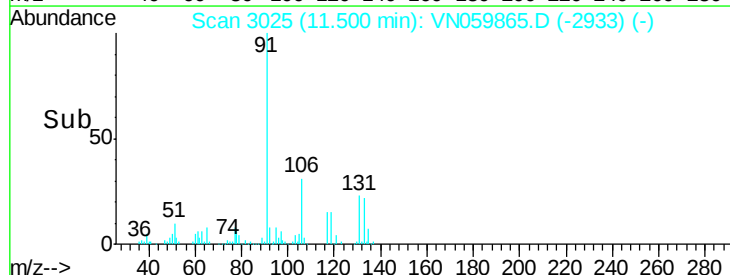
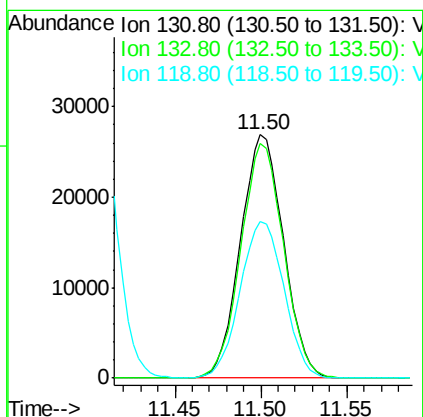
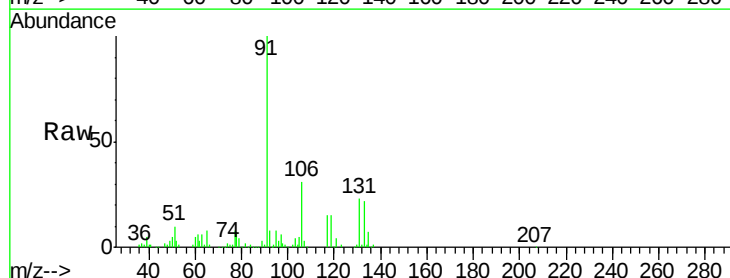
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.651 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Tgt Ion:131 Resp: 46828
Ion Ratio Lower Upper
131 100
133 95.8 47.4 142.2
119 65.6 33.1 99.3





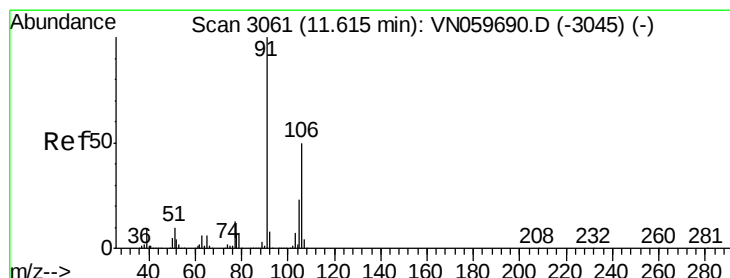
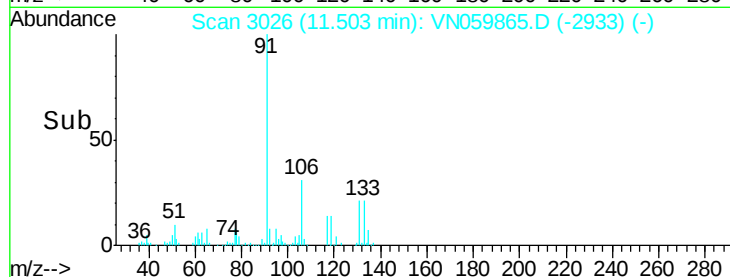
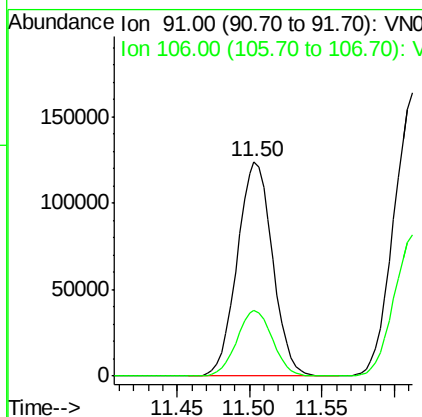
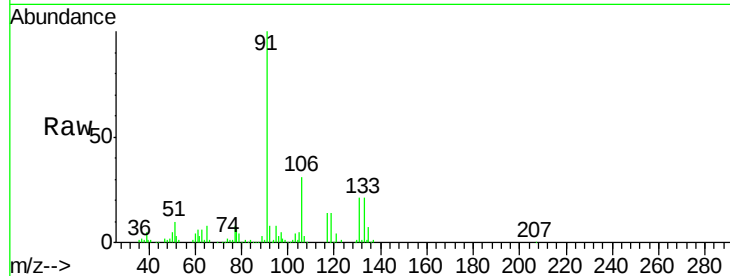
#67
Ethyl Benzene
Concen: 20.613 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBS01

Tot Ion: 91 Resp: 209460
Ion Ratio Lower Upper
91 100
106 30.8 24.1 36.1

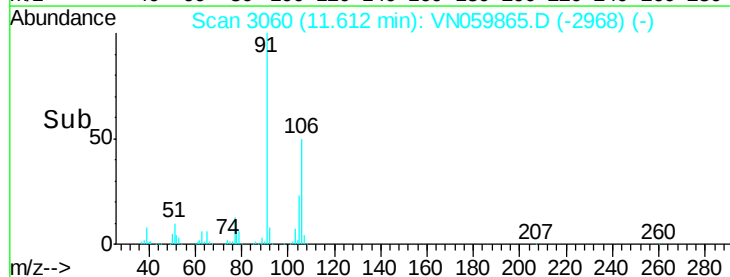
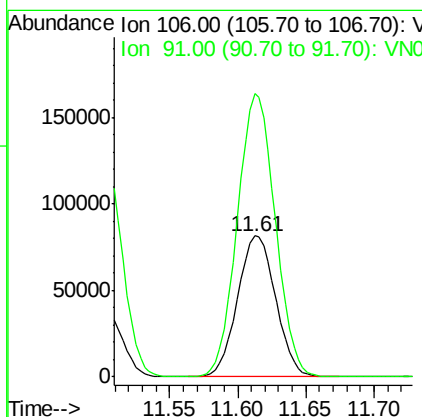
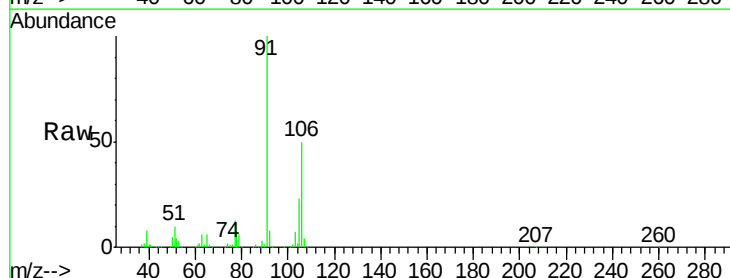
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#68
m/p-Xylenes
Concen: 41.225 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Tgt Ion: 106 Resp: 158239
Ion Ratio Lower Upper
106 100
91 198.9 167.9 251.9





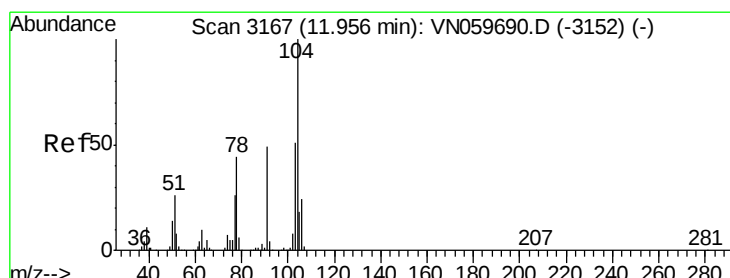
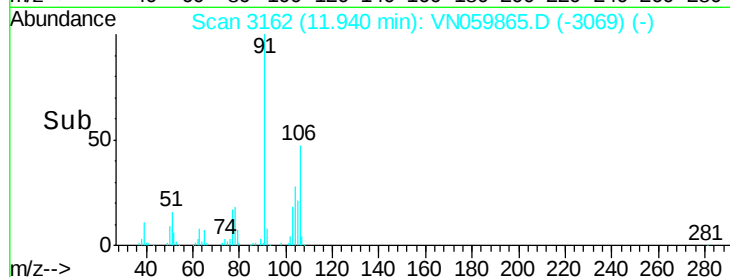
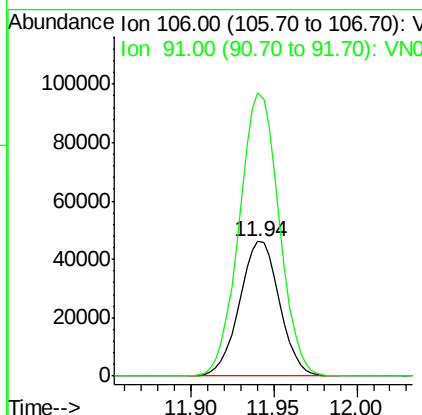
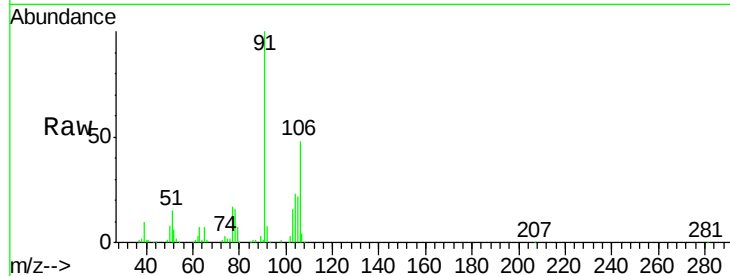
#69
o-Xylene
Concen: 20.618 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Instrument :
MSVOA_N
ClientSampled :
VN0127WBS01

Tot Ion:106 Resp: 77478
Ion Ratio Lower Upper
106 100
91 209.6 110.3 330.9

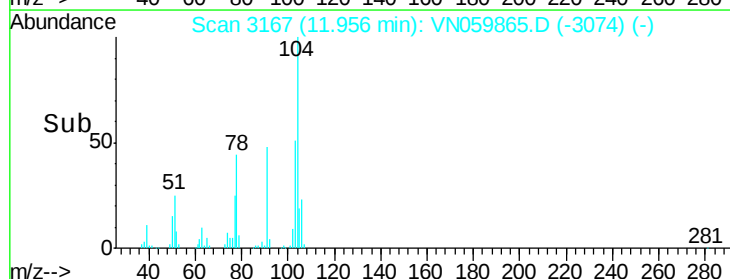
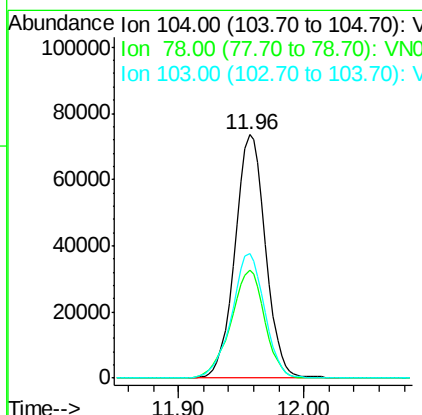
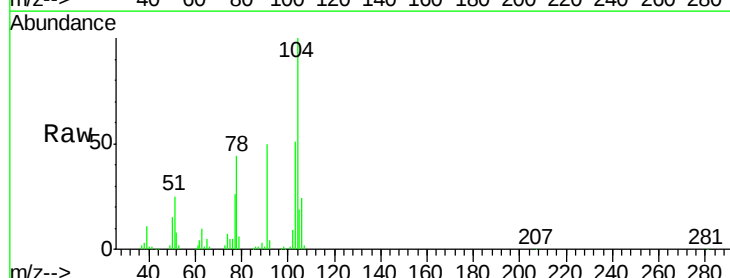
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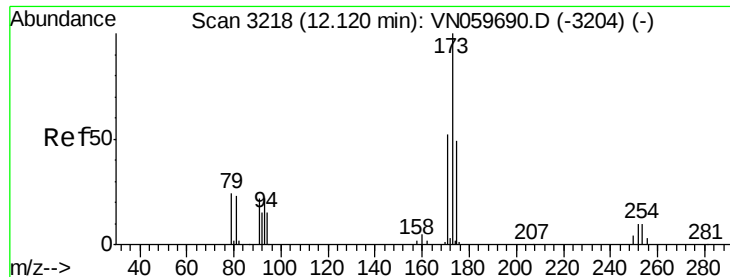
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#70
Styrene
Concen: 19.786 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Tgt Ion:104 Resp: 124419
Ion Ratio Lower Upper
104 100
78 49.0 42.4 63.6
103 55.0 43.9 65.9





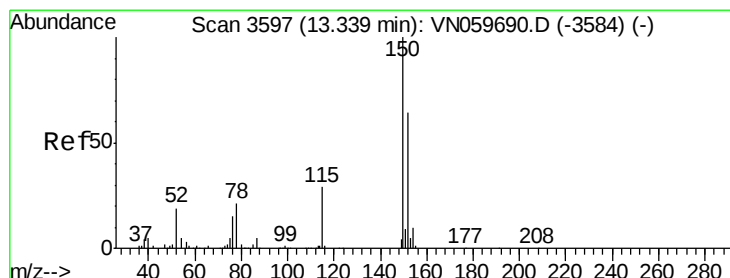
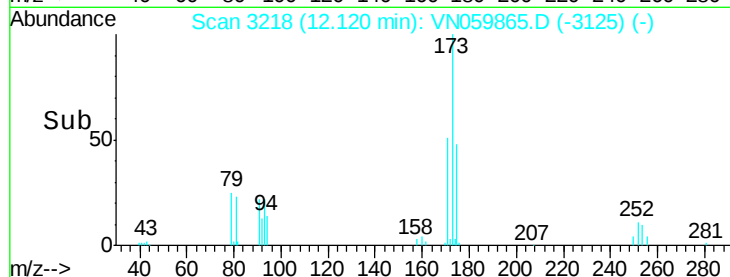
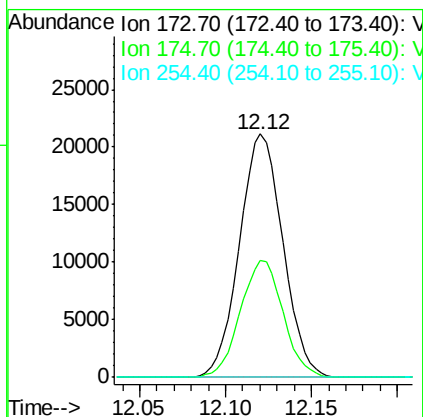
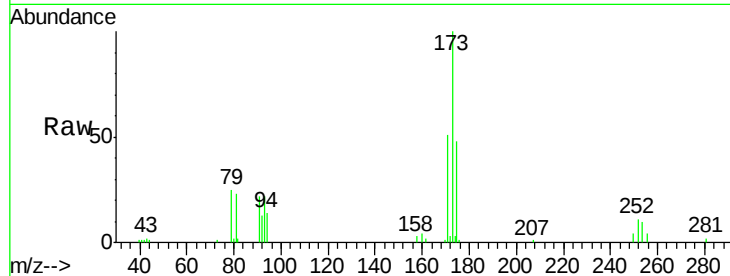
#71
Bromoform
Concen: 21.383 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.3	23.8	71.4
254	0.0	0.0	0.0

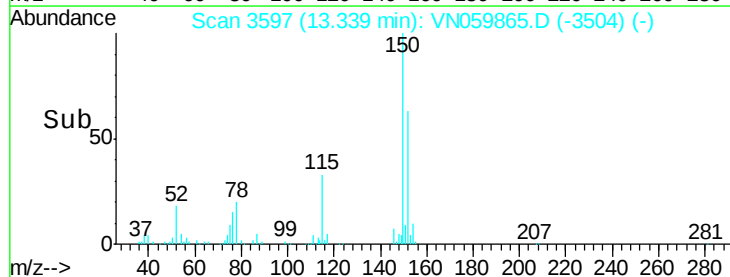
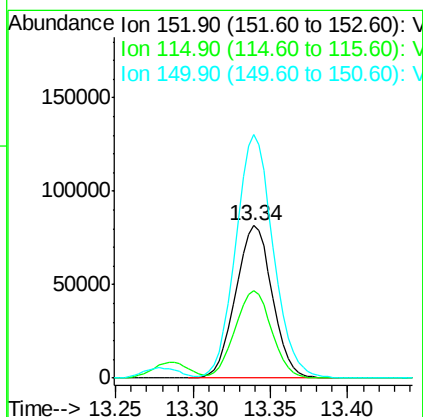
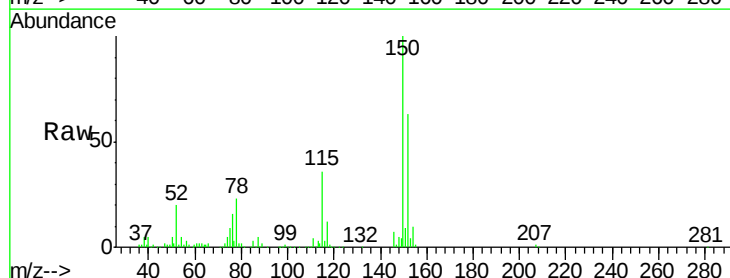
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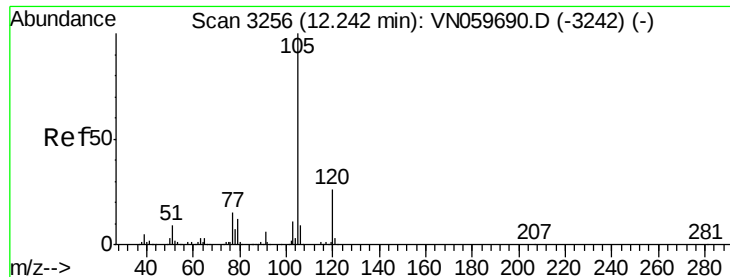
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.4	30.3	90.9
150	163.6	0.0	345.2





#73

Isopropylbenzene

Concen: 21.104 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN059865.D

Acq: 27 Jan 2020 12:11

Instrument :

MSVOA_N

ClientSampled :

VN0127WBS01

Tot Ion: 105 Resp: 207825

Ion Ratio Lower Upper

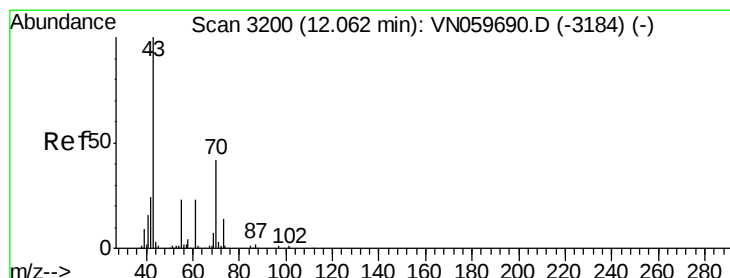
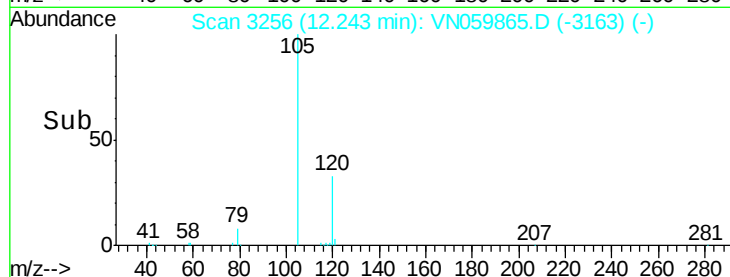
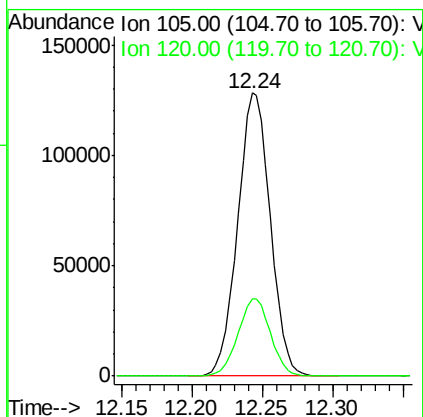
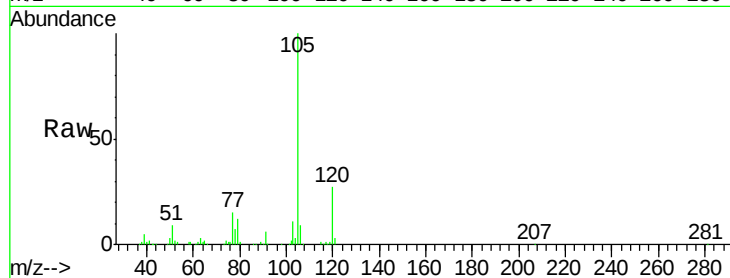
105 100

120 27.0 13.2 39.5

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#74

N-ethyl acetate

Concen: 18.644 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN059865.D

Acq: 27 Jan 2020 12:11

Tgt Ion: 43 Resp: 71241

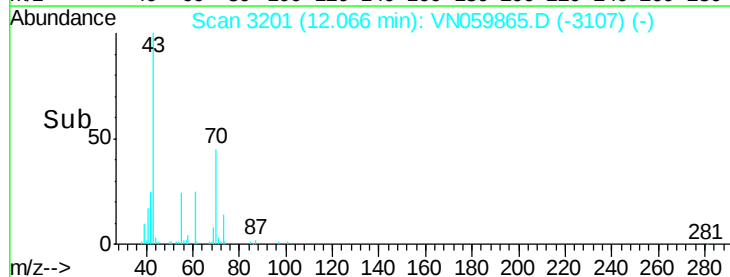
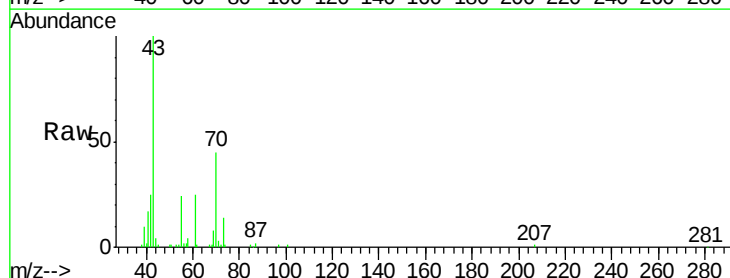
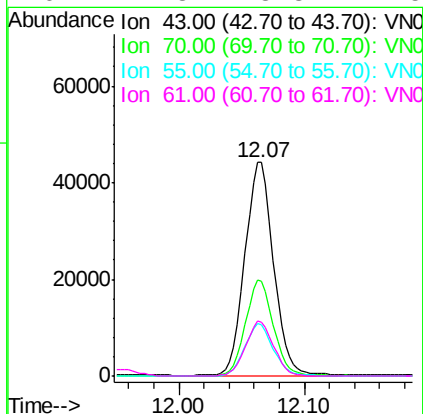
Ion Ratio Lower Upper

43 100

70 43.4 31.3 46.9

55 24.1 19.8 29.6

61 24.8 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.720 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059865.D

Acq: 27 Jan 2020 12:11

Instrument :

MSVOA_N

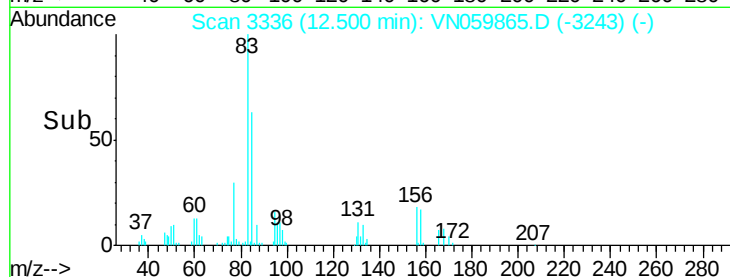
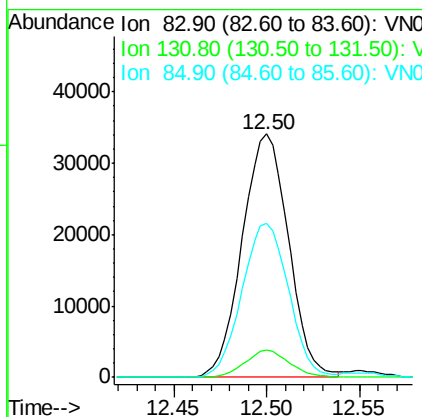
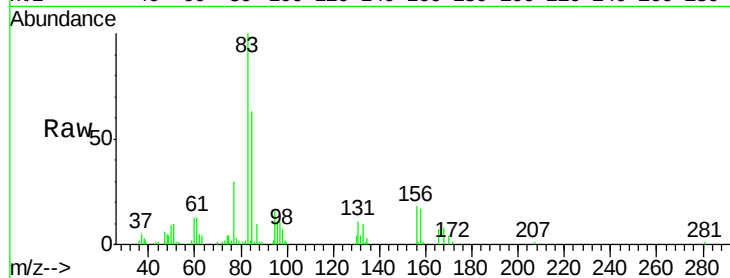
ClientSampleId :

VN0127WBS01

Tot Ion:	83	Resp:	59153
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.0	14.9
85	63.6	31.9	95.5

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#76

1,2,3-Trichloropropane

Concen: 23.664 ug/l m

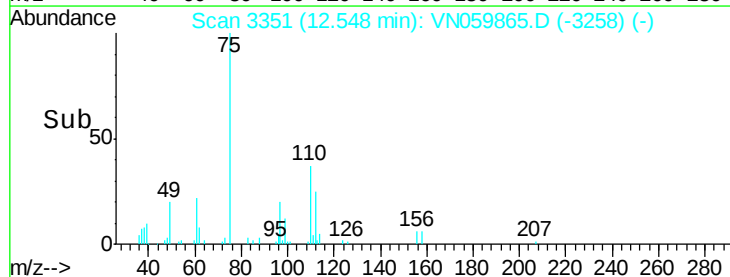
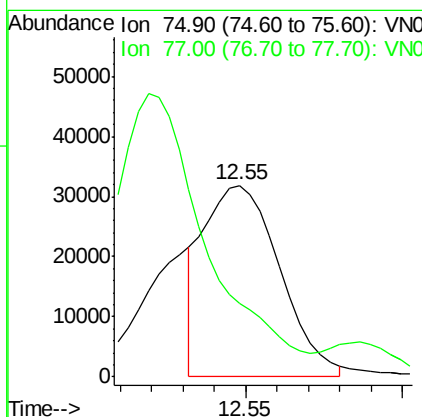
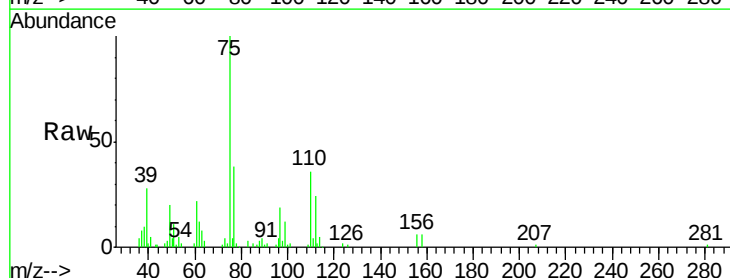
RT: 12.55 min Scan# 3351

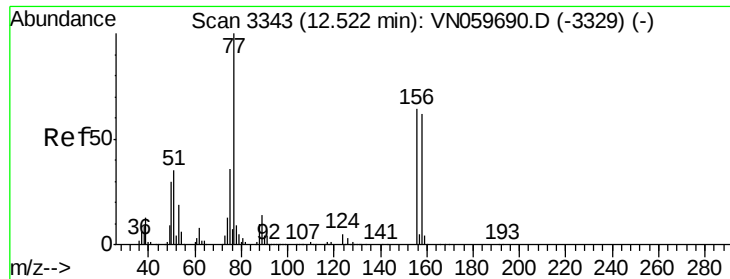
Delta R.T. 0.00 min

Lab File: VN059865.D

Acq: 27 Jan 2020 12:11

Tgt Ion:	75	Resp:	53473
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





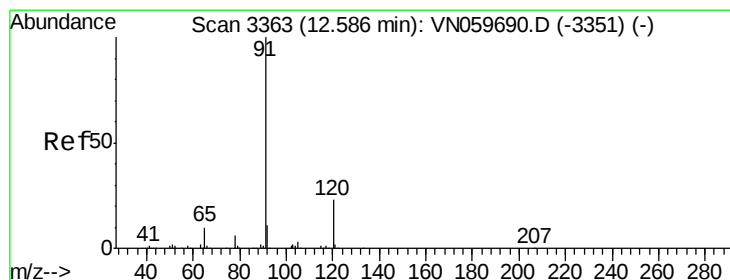
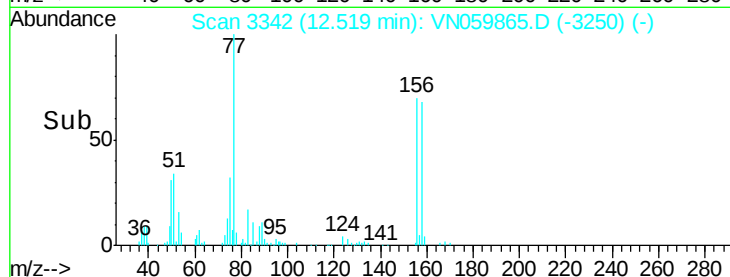
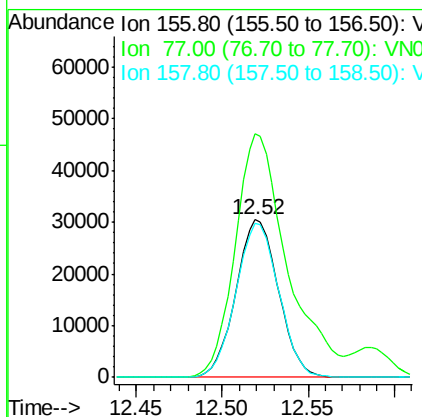
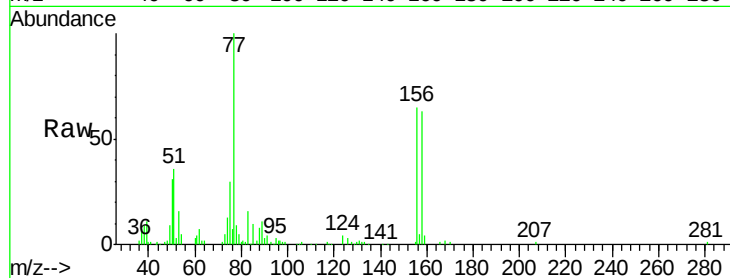
#77
Bromobenzene
Concen: 21.008 ug/l
RT: 12.52 min Scan# 3342
Delta R.T. -0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	190.0	115.8	347.4
158	98.4	49.2	147.6

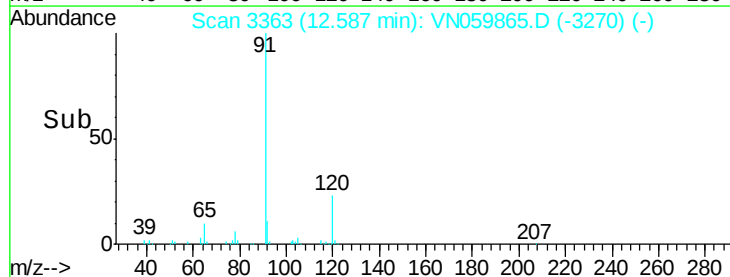
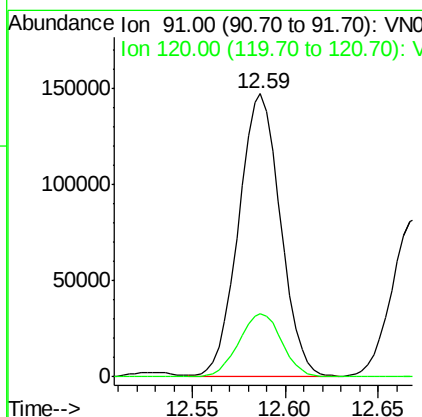
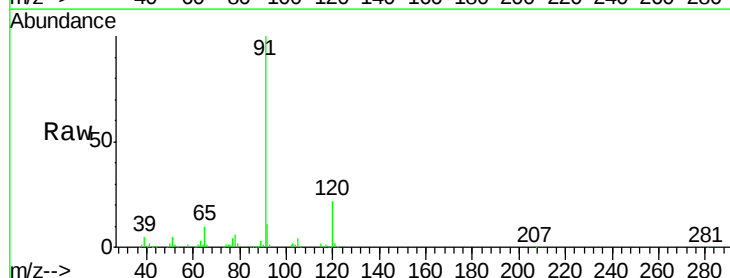
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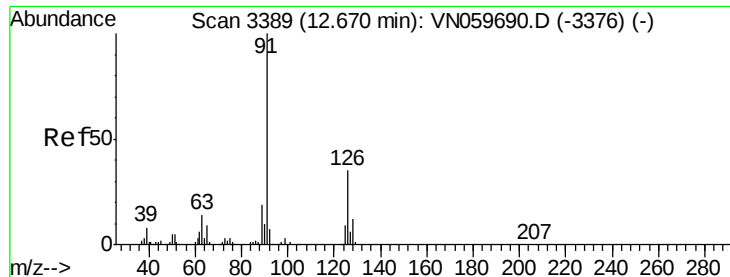
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#78
n-propylbenzene
Concen: 20.718 ug/l
RT: 12.59 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.1	33.3





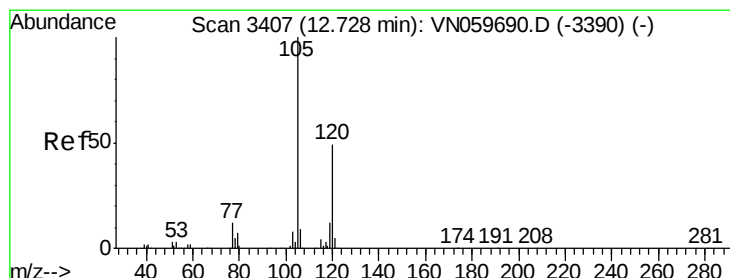
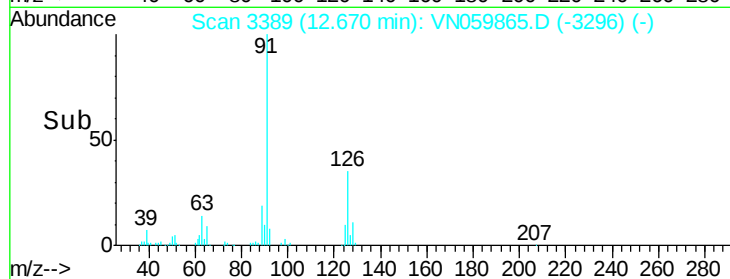
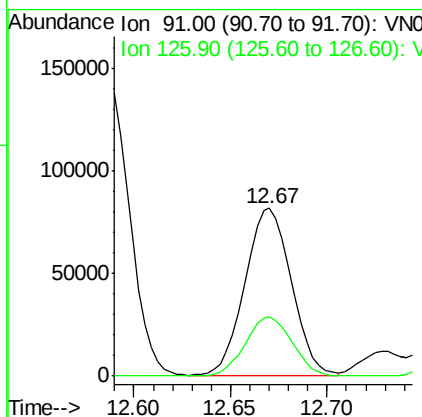
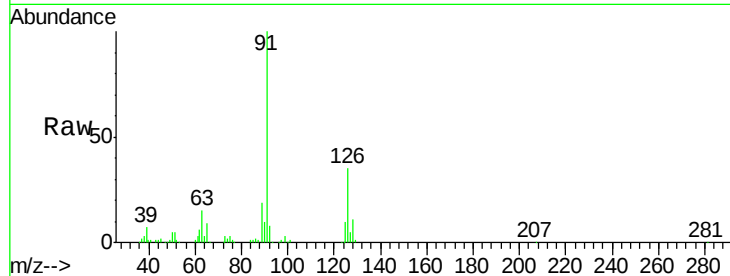
#79
 2-Chlorotoluene
 Concen: 20.655 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. 0.00 min
 Lab File: VN059865.D
 Acq: 27 Jan 2020 12:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127WBS01

Tot Ion: 91 Resp: 135813
 Ion Ratio Lower Upper
 91 100
 126 36.0 16.3 48.9

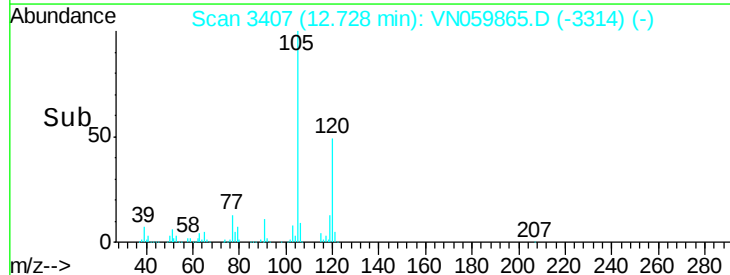
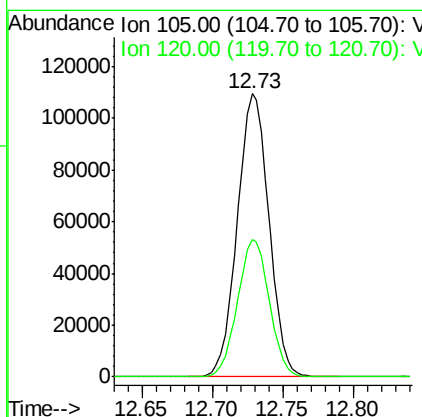
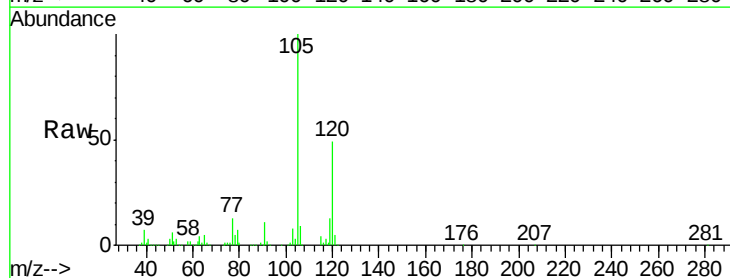
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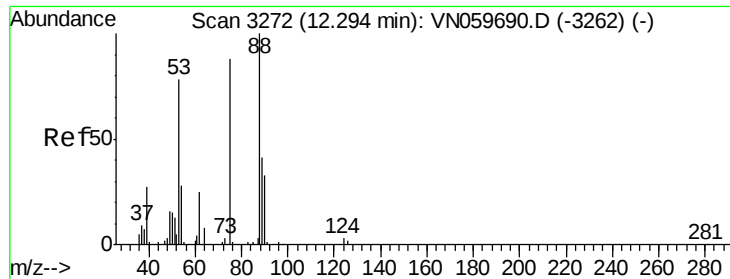
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.849 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN059865.D
 Acq: 27 Jan 2020 12:11

Tgt Ion: 105 Resp: 172667
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.1 72.4





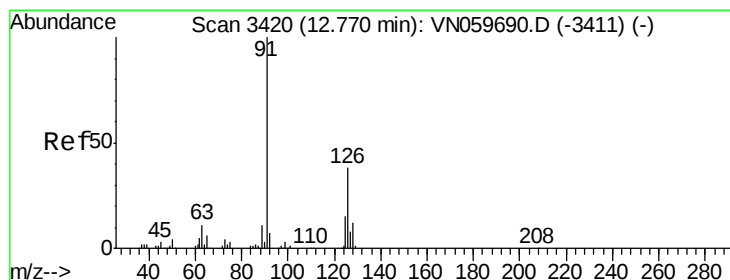
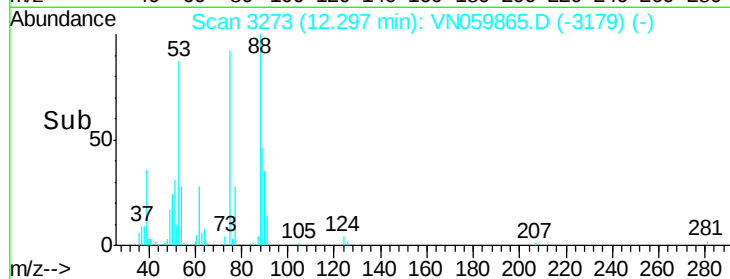
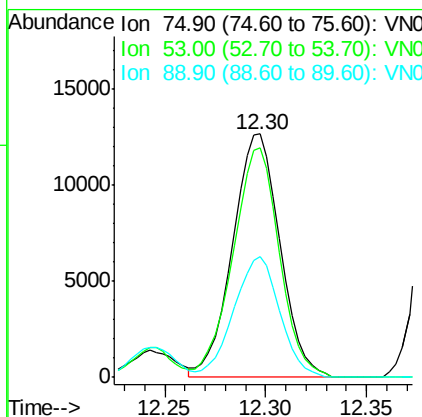
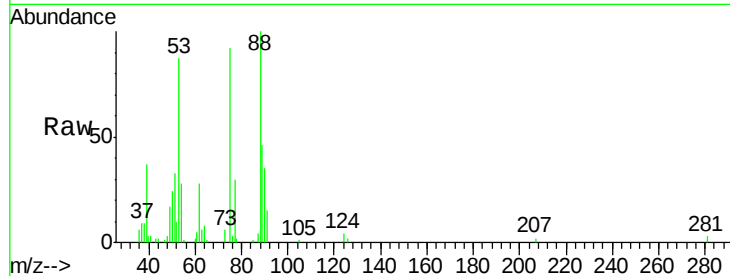
#81
trans-1,4-Dichloro-2-butene
Concen: 19.823 ug/l
RT: 12.30 min Scan# 3273
Delta R.T. 0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.7	78.1	117.1
89	48.1	35.4	53.2

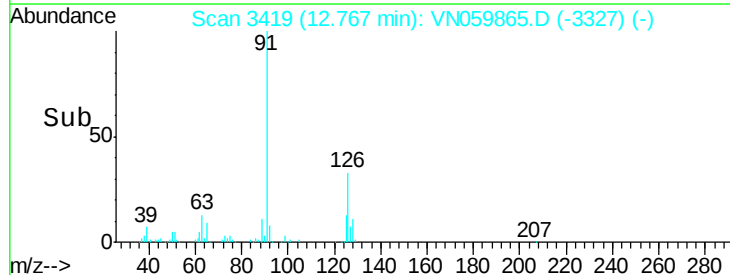
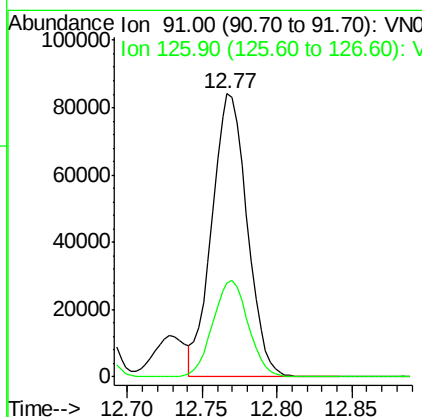
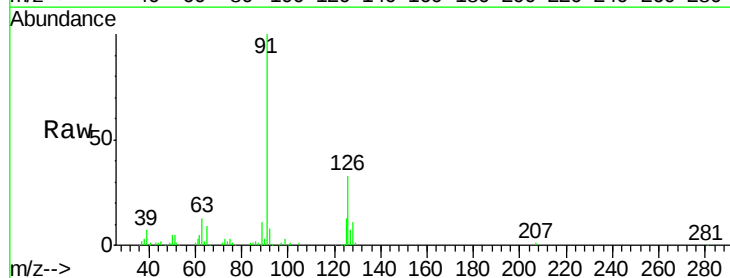
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#82
4-Chlorotoluene
Concen: 20.828 ug/l
RT: 12.77 min Scan# 3419
Delta R.T. -0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.4	16.3	48.8





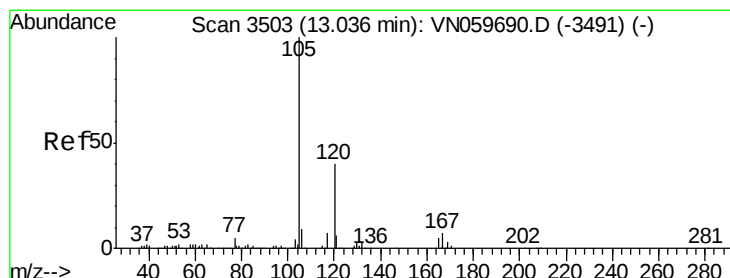
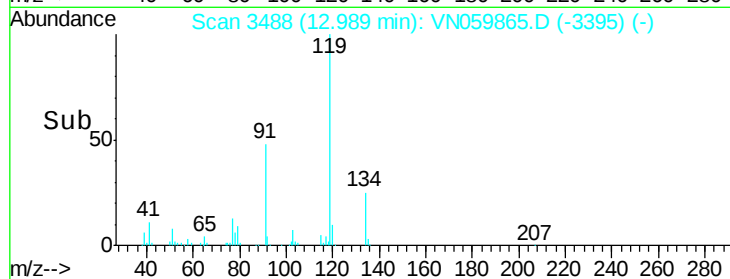
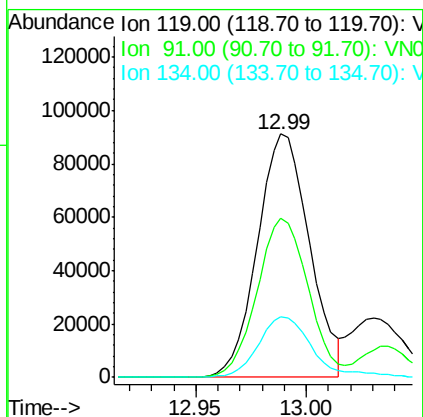
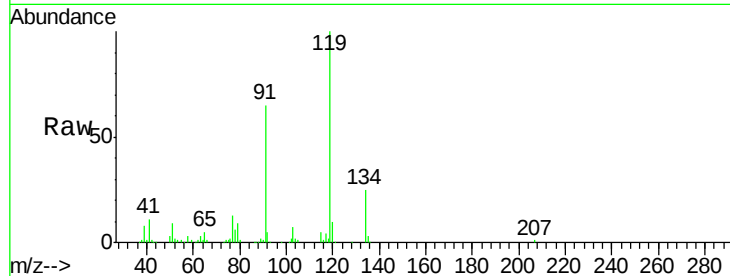
#83
 tert-Butylbenzene
 Concen: 20.814 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. 0.00 min
 Lab File: VN059865.D
 Acq: 27 Jan 2020 12:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.5	34.8	104.4
134	26.0	12.3	36.9

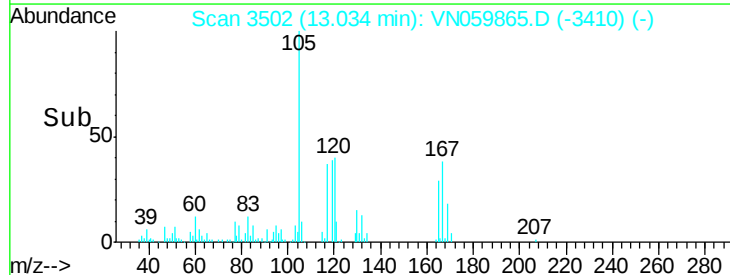
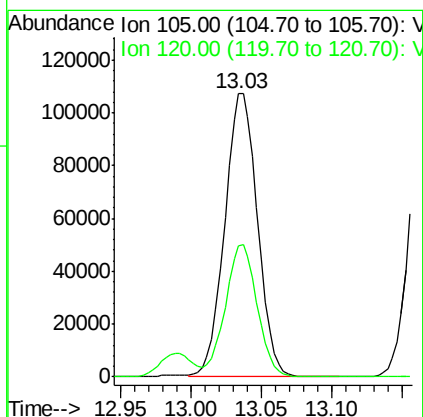
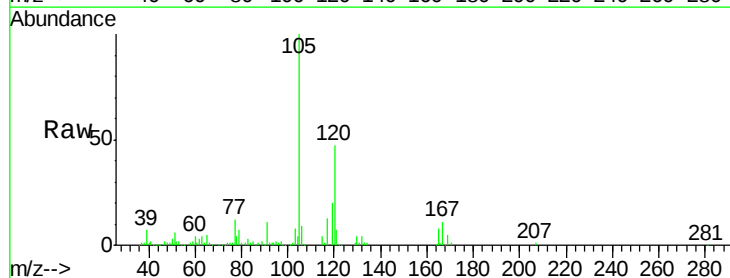
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.242 ug/l
 RT: 13.03 min Scan# 3502
 Delta R.T. -0.00 min
 Lab File: VN059865.D
 Acq: 27 Jan 2020 12:11

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.3	66.9





#85

sec-Butylbenzene

Concen: 20.884 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN059865.D

Acq: 27 Jan 2020 12:11

Instrument :

MSVOA_N

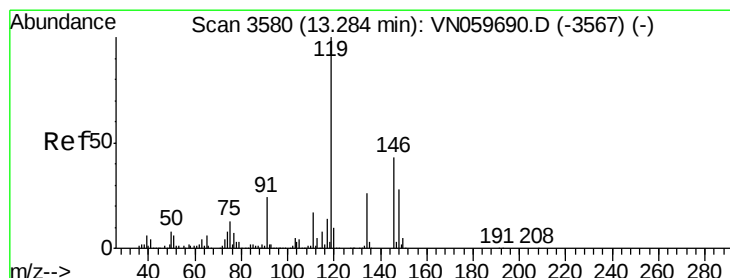
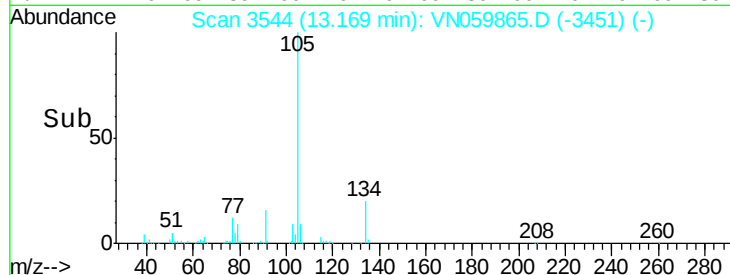
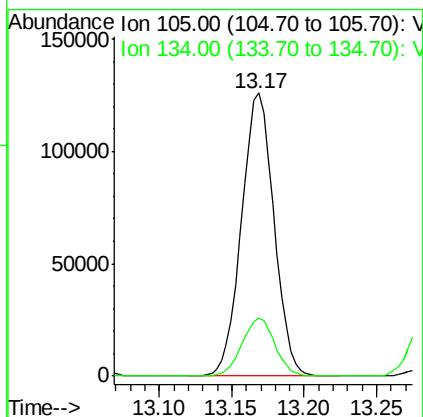
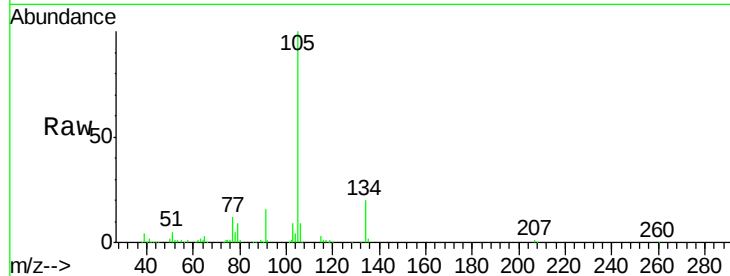
ClientSampleId :

VN0127WBS01

Tot Ion:	105	Resp:	196539
Ion Ratio	Lower	Upper	
105	100		
134	20.6	9.8	29.5

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#86

p-Isopropyltoluene

Concen: 20.995 ug/l

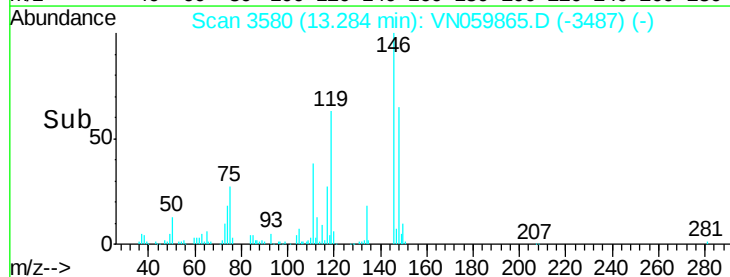
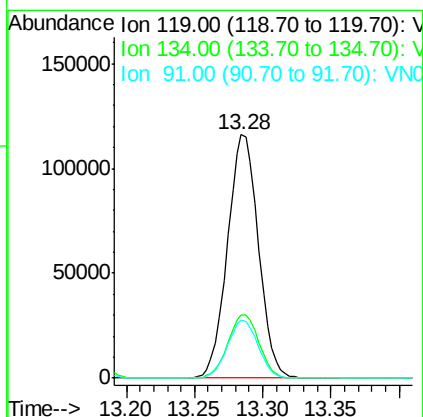
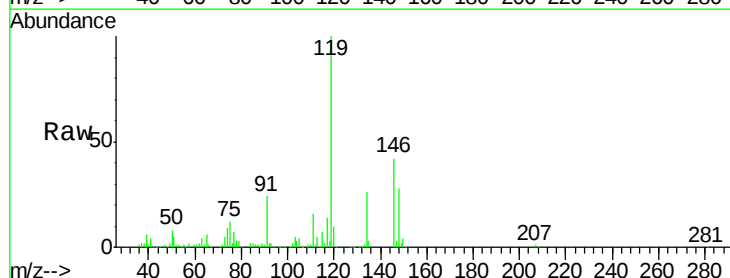
RT: 13.28 min Scan# 3580

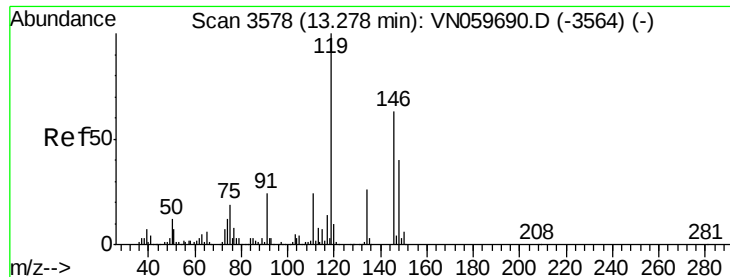
Delta R.T. 0.00 min

Lab File: VN059865.D

Acq: 27 Jan 2020 12:11

Tgt Ion:	119	Resp:	182824
Ion Ratio	Lower	Upper	
119	100		
134	26.2	12.9	38.7
91	23.6	12.4	37.4





#87

1,3-Dichlorobenzene

Concen: 21.322 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

Lab File: VN059865.D

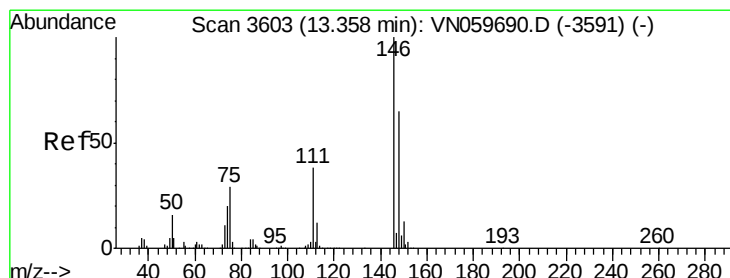
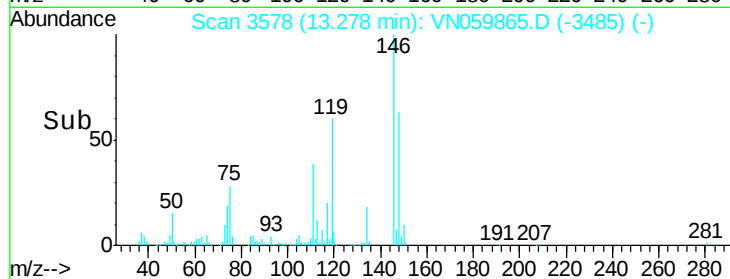
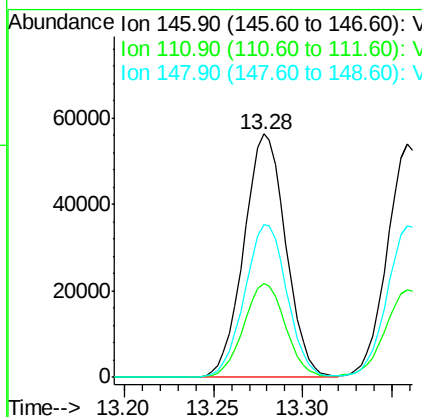
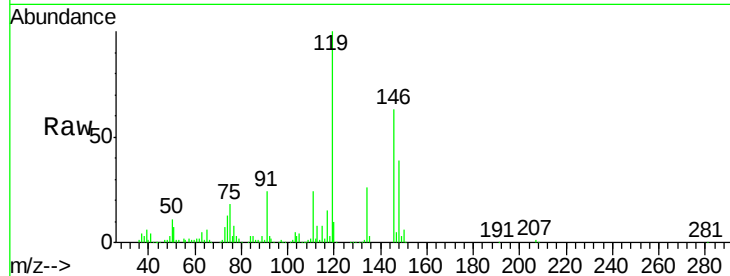
Acq: 27 Jan 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	20.8	62.2
148	63.6	32.0	96.0

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#88

1,4-Dichlorobenzene

Concen: 20.947 ug/l

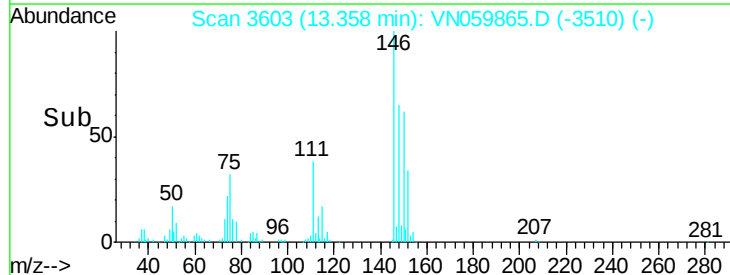
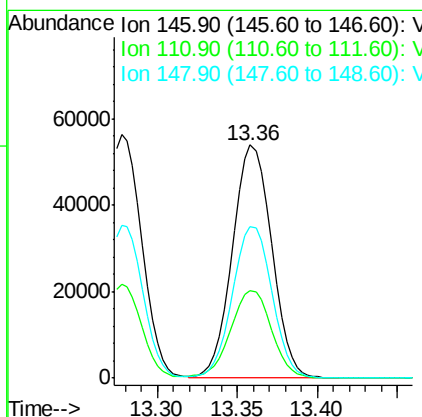
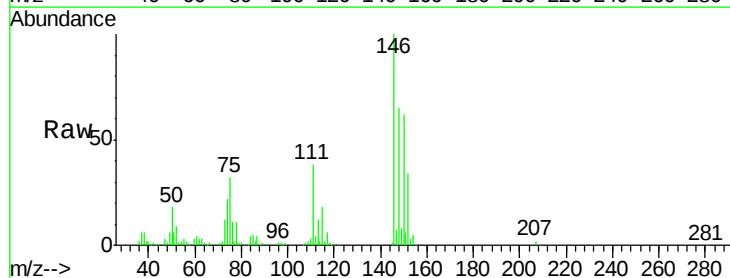
RT: 13.36 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN059865.D

Acq: 27 Jan 2020 12:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.8	62.2
148	65.5	31.8	95.4





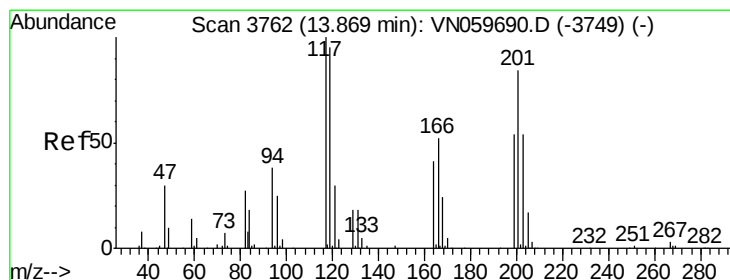
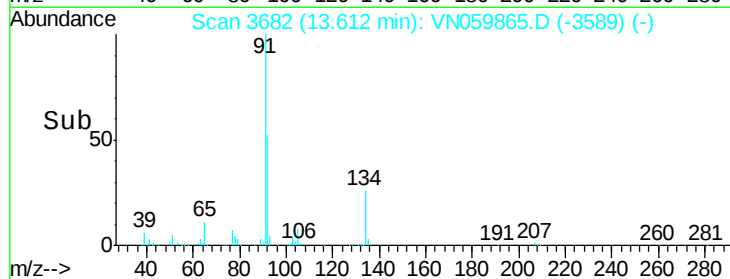
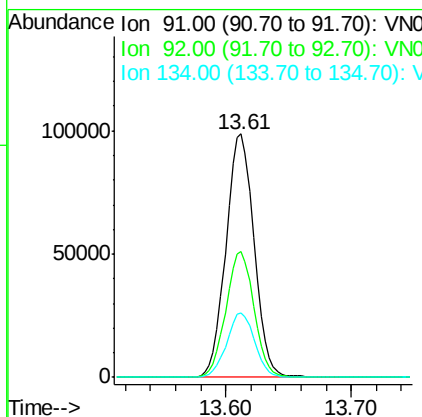
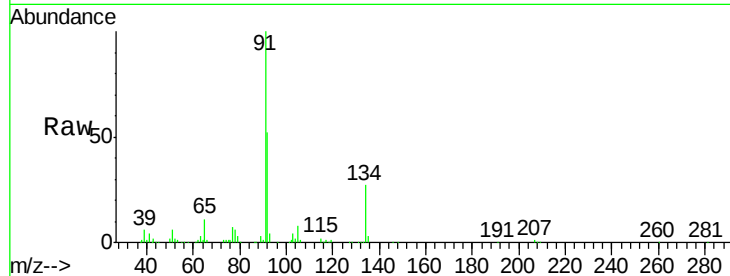
#89
n-Butylbenzene
Concen: 20.655 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.6	25.9	77.7
134	26.3	12.3	36.8

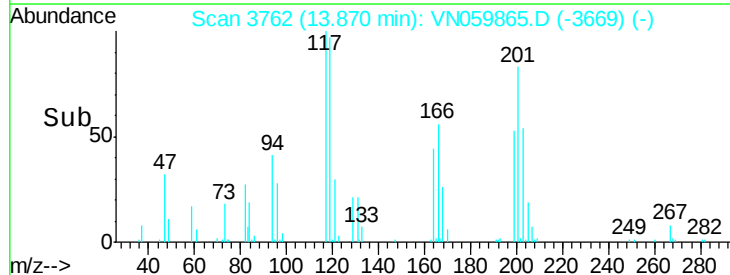
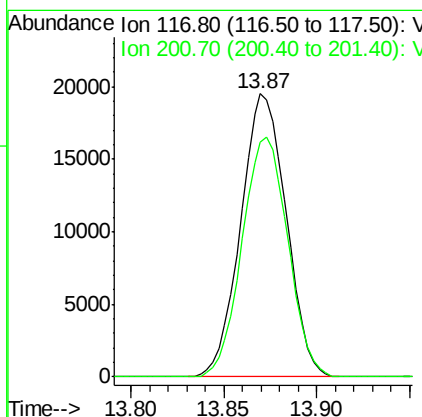
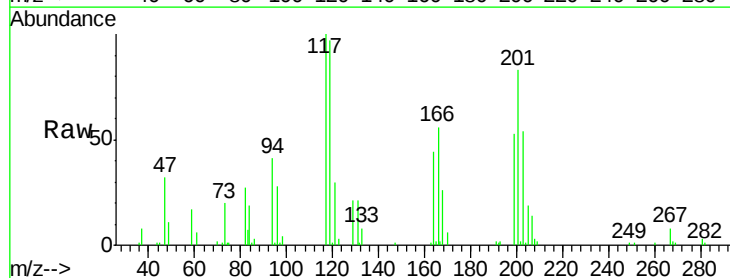
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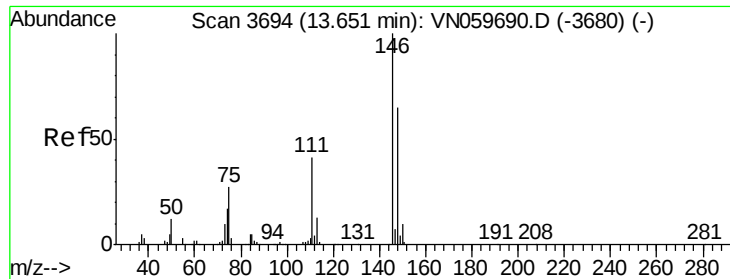
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#90
Hexachloroethane
Concen: 20.362 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. 0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.4	37.8	113.4





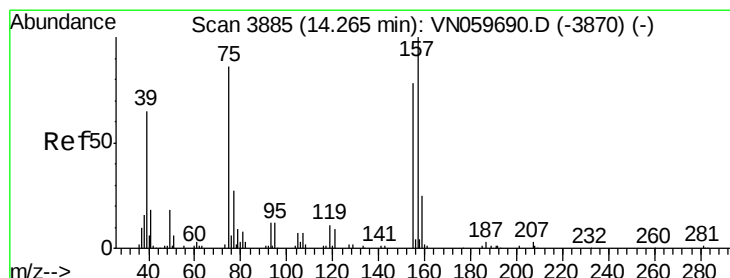
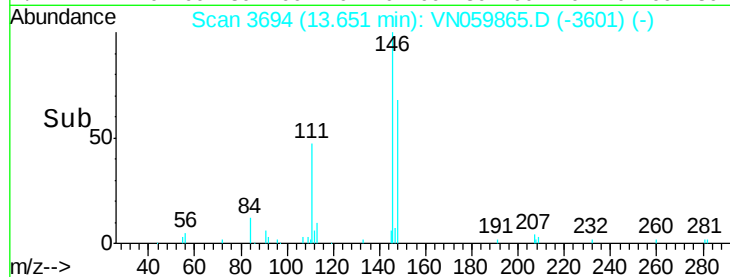
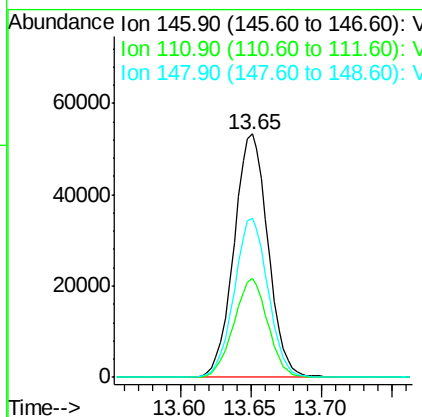
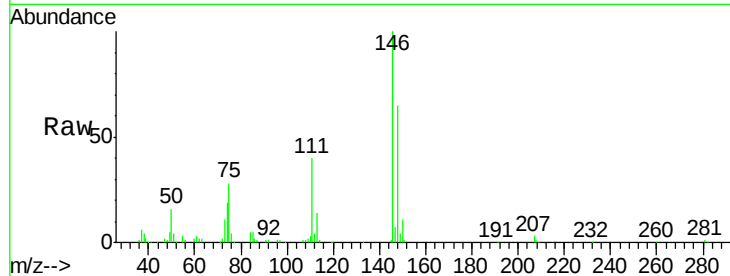
#91
 1,2-Dichlorobenzene
 Concen: 21.045 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN059865.D
 Acq: 27 Jan 2020 12:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	21.6	64.8
148	65.1	31.6	95.0

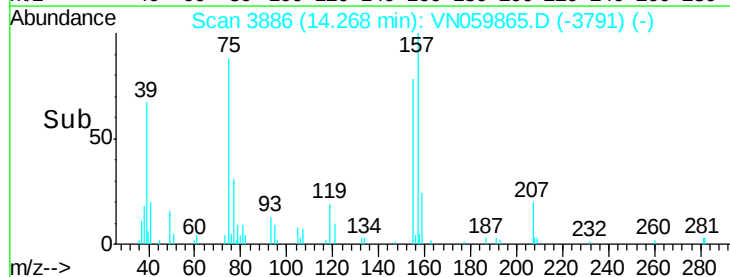
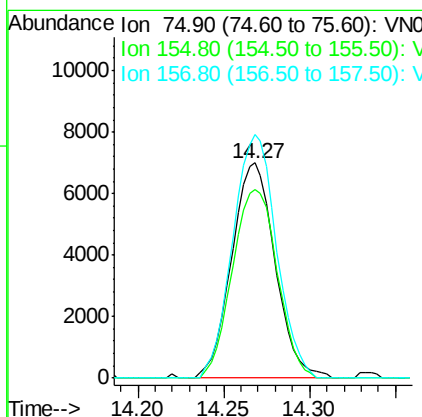
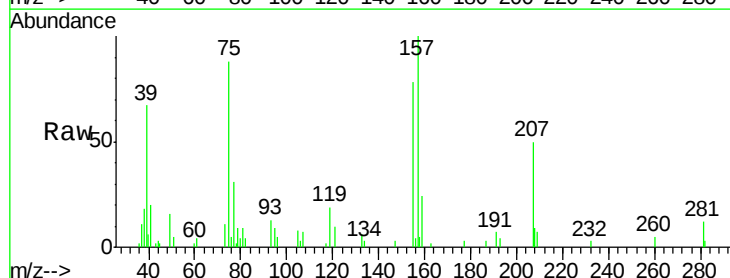
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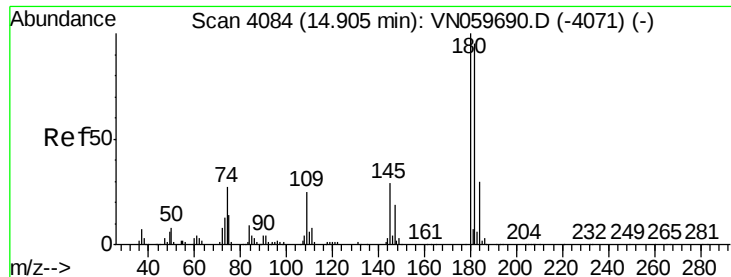
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.762 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN059865.D
 Acq: 27 Jan 2020 12:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.3	37.0	110.9
157	113.1	48.4	145.2





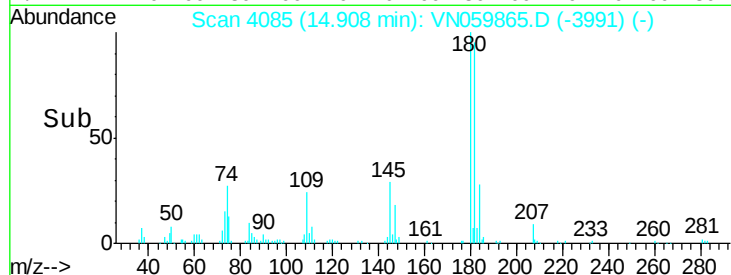
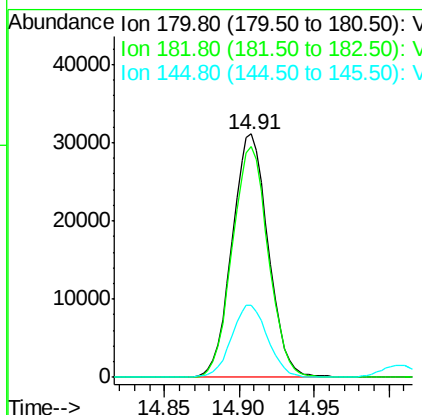
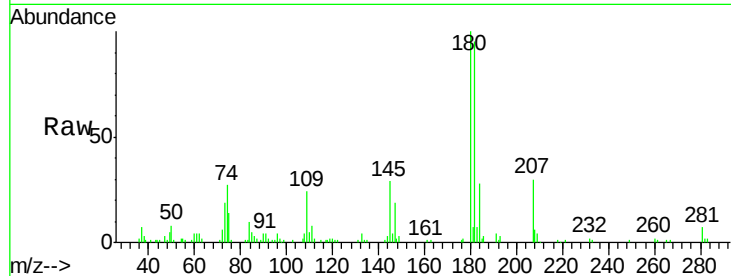
#93
 1,2,4-Trichlorobenzene
 Concen: 20.280 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN059865.D
 Acq: 27 Jan 2020 12:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	46.9	140.7
145	29.8	15.0	45.1

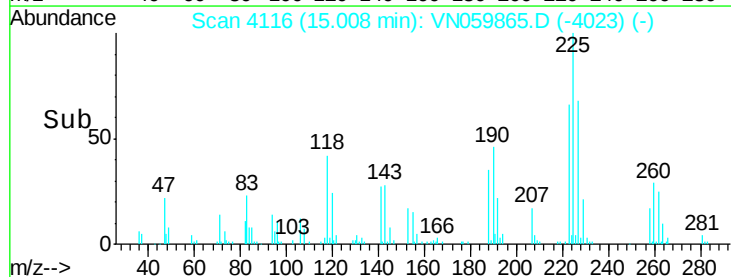
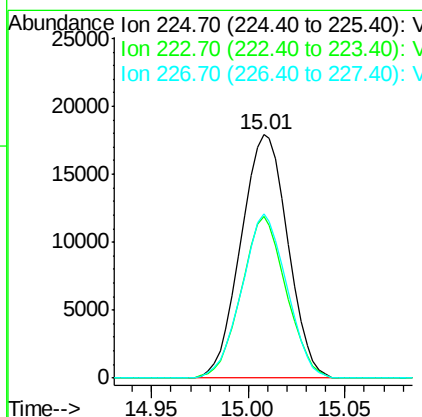
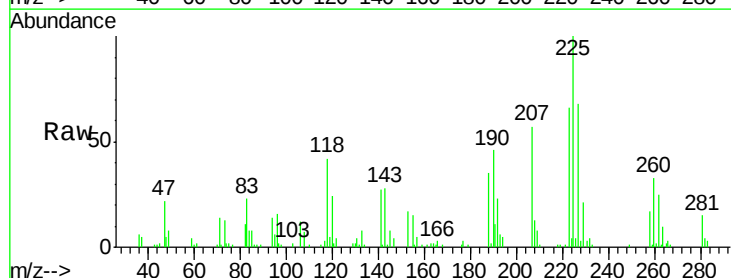
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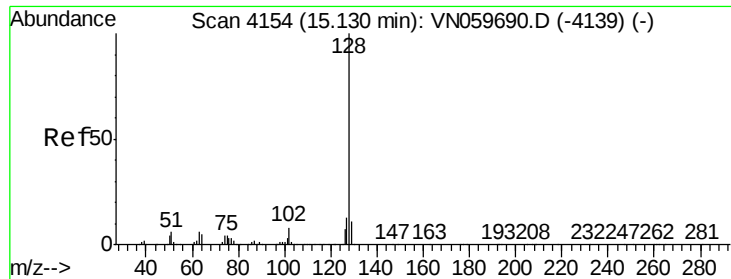
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#94
 Hexachlorobutadiene
 Concen: 21.278 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059865.D
 Acq: 27 Jan 2020 12:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.8	95.3
227	64.8	32.1	96.5





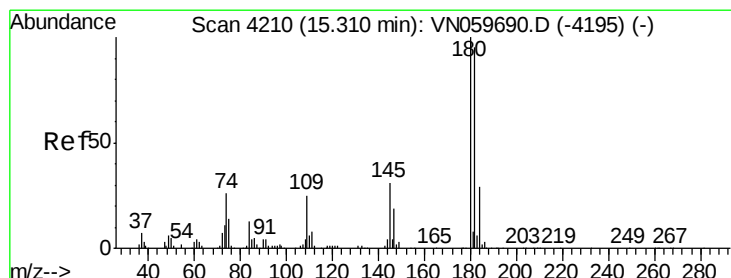
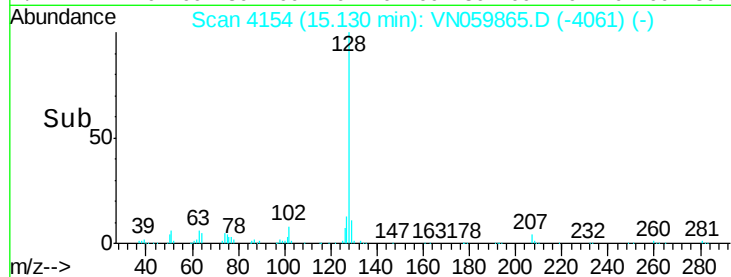
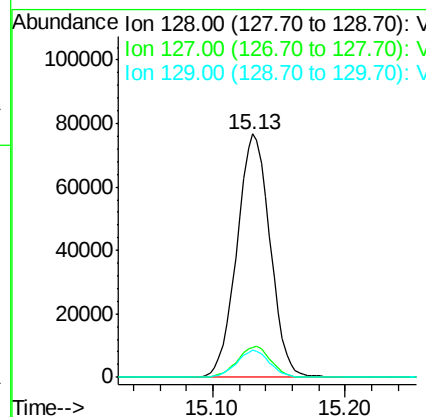
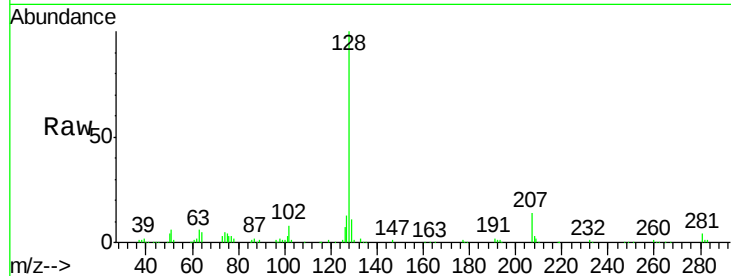
#95
Naphthalene
Concen: 18.198 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	11.0	8.6	12.8

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#96
1,2,3-Trichlorobenzene
Concen: 20.015 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN059865.D
Acq: 27 Jan 2020 12:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.4	142.3
145	31.2	16.3	48.9

