

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012720\
 Data File : VN059866.D
 Acq On : 27 Jan 2020 12:42
 Operator : JC/MD
 Sample : VN0127MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127MBS01

Manual Integrations
 APPROVED

MMDadoda
 1/28/2020 9:24:32 AM

Quant Time: Jan 27 15:46:12 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	193309	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	297504	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	266971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	126725	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	112098	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
35) Dibromofluoromethane	7.56	113	95505	53.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.66%	
50) Toluene-d8	10.08	98	351348	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
62) 4-Bromofluorobenzene	12.40	95	123174	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	42035	18.110	ug/l	96
3) Chloromethane	2.04	50	39586	17.887	ug/l	99
4) Vinyl Chloride	2.17	62	50253	19.846	ug/l	97
5) Bromomethane	2.54	94	30805	19.934	ug/l	96
6) Chloroethane	2.68	64	23470	19.591	ug/l	94
7) Trichlorofluoromethane	3.00	101	61149	20.108	ug/l	98
8) Diethyl Ether	3.38	74	22376	20.966	ug/l	80
9) 1,1,2-Trichlorotrifluoroet	3.74	101	35850	21.181	ug/l	92
10) Methyl Iodide	3.93	142	53172	19.436	ug/l	95
11) Tert butyl alcohol	4.72	59	36812	101.861	ug/l	100
12) 1,1-Dichloroethene	3.71	96	34403	19.452	ug/l	87
13) Acrolein	3.58	56	17144	67.015	ug/l	100
14) Allyl chloride	4.29	41	46253	19.403	ug/l #	86
15) Acrylonitrile	4.94	53	84533	102.543	ug/l	99
16) Acetone	3.78	43	85367	111.026	ug/l	96
17) Carbon Disulfide	4.03	76	88060	17.479	ug/l	98
18) Methyl Acetate	4.29	43	53116	21.182	ug/l #	91
19) Methyl tert-butyl Ether	5.00	73	122845	21.304	ug/l	94
20) Methylene Chloride	4.52	84	40028	19.828	ug/l	88
21) trans-1,2-Dichloroethene	5.01	96	37434	19.912	ug/l	86
22) Diisopropyl ether	5.91	45	109756	20.317	ug/l #	93
23) Vinyl Acetate	5.86	43	419438	100.281	ug/l #	95
24) 1,1-Dichloroethane	5.81	63	65191	19.750	ug/l	95
25) 2-Butanone	6.80	43	113464	93.333	ug/l	91
26) 2,2-Dichloropropane	6.79	77	62219	19.606	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	44597	20.625	ug/l	86
28) Bromochloromethane	7.17	49	27939	21.177	ug/l #	72
29) Tetrahydrofuran	7.18	42	72914	96.938	ug/l	88
30) Chloroform	7.35	83	71626	20.943	ug/l	99
31) Cyclohexane	7.63	56	57840	18.210	ug/l	88
32) 1,1,1-Trichloroethane	7.54	97	64779	20.485	ug/l	95
36) 1,1-Dichloropropene	7.77	75	50788	19.603	ug/l	95
37) Ethyl Acetate	6.90	43	46839	19.276	ug/l #	96
38) Carbon Tetrachloride	7.75	117	57145	20.277	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	61580	19.277	ug/l	91
40) Benzene	8.02	78	154626	20.012	ug/l	98
41) Methacrylonitrile	7.15	41	19742m	16.495	ug/l	
42) 1,2-Dichloroethane	8.10	62	55284	21.103	ug/l	96
43) Isopropyl Acetate	8.14	43	81623	19.529	ug/l #	94
44) Trichloroethene	8.82	130	46264	21.933	ug/l	91
45) 1,2-Dichloropropane	9.10	63	38927	20.360	ug/l	99
46) Dibromomethane	9.19	93	28614	21.216	ug/l	91
47) Bromodichloromethane	9.38	83	57885	21.298	ug/l	98
48) Methyl methacrylate	9.18	41	34590	18.502	ug/l	86
49) 1,4-Dioxane	9.18	88	14760	431.277	ug/l	92
51) 4-Methyl-2-Pentanone	9.97	43	232303	96.149	ug/l	94
52) Toluene	10.14	92	99254	20.337	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	63079	20.786	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	66239	20.744	ug/l	92
55) 1,1,2-Trichloroethane	10.55	97	41018	21.220	ug/l	98
56) Ethyl methacrylate	10.42	69	57169	19.356	ug/l	92
57) 1,3-Dichloropropane	10.70	76	66409	21.640	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	94895	106.669	ug/l	91
59) 2-Hexanone	10.74	43	169708	95.345	ug/l	95
60) Dibromochloromethane	10.89	129	47361	21.516	ug/l	100
61) 1,2-Dibromoethane	10.99	107	42487	20.971	ug/l	99
64) Tetrachloroethene	10.62	164	47436	21.801	ug/l	95
65) Chlorobenzene	11.43	112	109408	20.850	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	43404	21.407	ug/l	99
67) Ethyl Benzene	11.50	91	190773	20.027	ug/l	98
68) m/p-Xylenes	11.62	106	144994	40.296	ug/l	94
69) o-Xylene	11.94	106	70746	20.083	ug/l	94
70) Styrene	11.96	104	115484	19.591	ug/l	97
71) Bromoform	12.12	173	35009	21.556	ug/l #	100
73) Isopropylbenzene	12.25	105	188719	20.306	ug/l	98
74) N-amyl acetate	12.07	43	65645	18.203	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	54456	20.211	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	47907m	22.464	ug/l	
77) Bromobenzene	12.52	156	50428	21.426	ug/l	78
78) n-propylbenzene	12.59	91	209418	20.075	ug/l	97
79) 2-Chlorotoluene	12.67	91	126518	20.387	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	158981	20.340	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	19564	19.700	ug/l	96
82) 4-Chlorotoluene	12.77	91	126961	20.397	ug/l	95
83) tert-Butylbenzene	12.99	119	138205	20.444	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	160461	20.751	ug/l	99
85) sec-Butylbenzene	13.17	105	179800	20.244	ug/l	98
86) p-Isopropyltoluene	13.29	119	166134	20.215	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	84640	20.703	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	83813	20.550	ug/l	97
89) n-Butylbenzene	13.61	91	140009	19.981	ug/l	98
90) Hexachloroethane	13.87	117	30571	19.882	ug/l	90
91) 1,2-Dichlorobenzene	13.65	146	84146	20.819	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11384	18.364	ug/l	79

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	48912	20.140	ug/l	99
94) Hexachlorobutadiene	15.01	225	27283	20.386	ug/l	97
95) Naphthalene	15.13	128	128454	18.595	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	47310	20.013	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

VN0127MBS01

Tot Ion:168 Resp: 193309

Ion Ratio Lower Upper

168 100

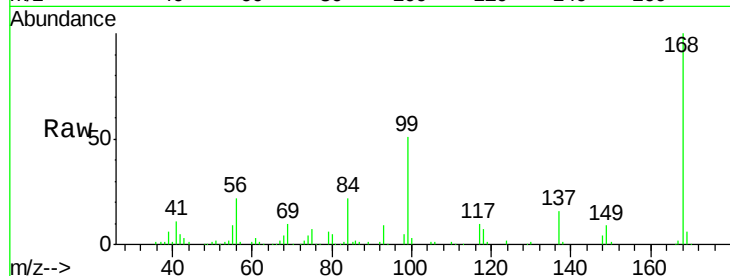
99 51.5 48.2 72.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.64

80000

60000

40000

20000

0

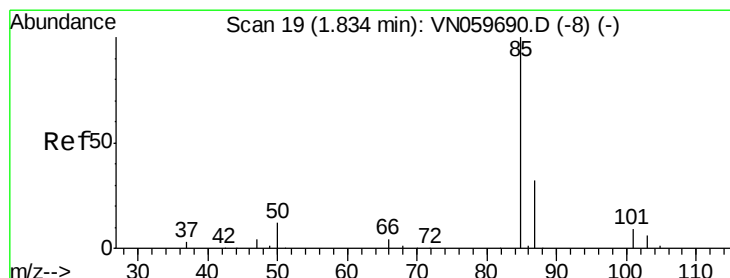
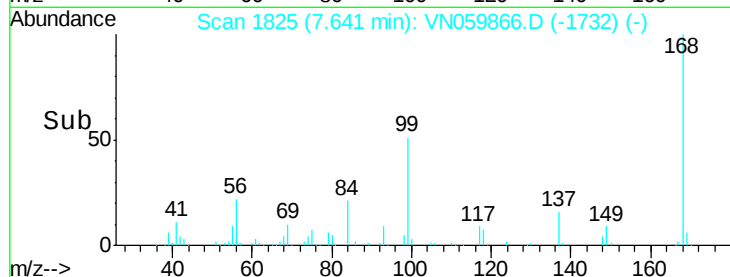
Time-->

7.50

7.60

7.70

7.80



#2

Dichlorodifluoromethane

Concen: 18.110 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059866.D

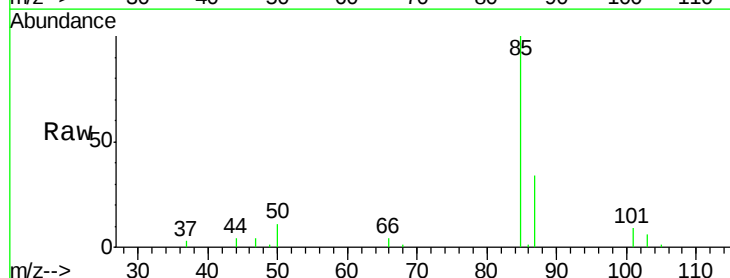
Acq: 27 Jan 2020 12:42

Tgt Ion: 85 Resp: 42035

Ion Ratio Lower Upper

85 100

87 33.9 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

30000

20000

10000

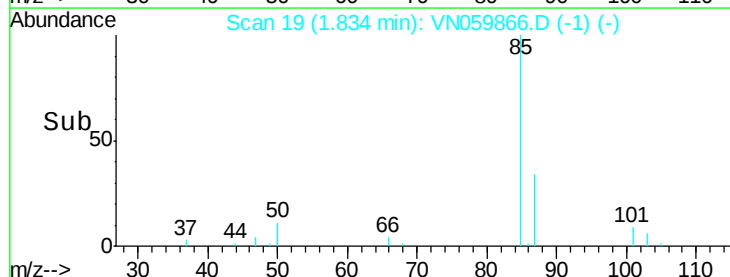
0

Time-->

1.80

1.85

1.90





#3

Chloromethane

Concen: 17.887 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

VN0127MBS01

Tot Ion: 50 Resp: 39586

Ion Ratio Lower Upper

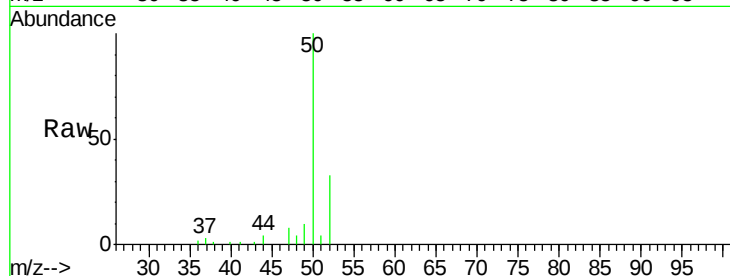
50 100

52 32.9 25.9 38.9

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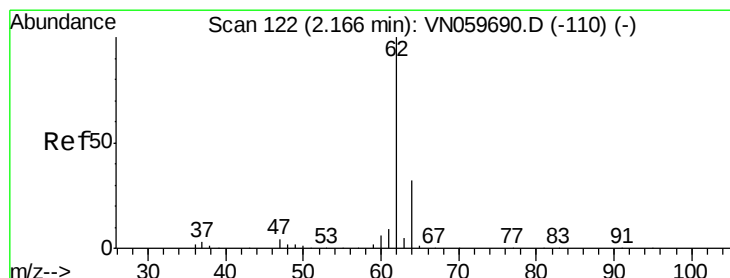
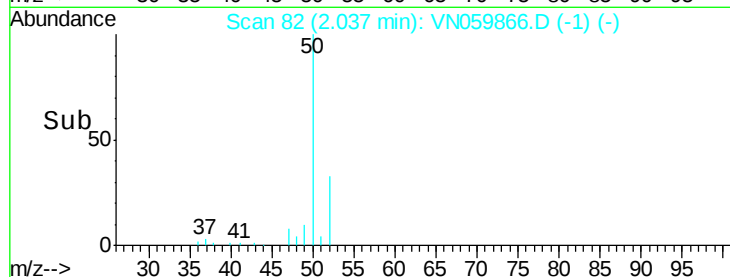
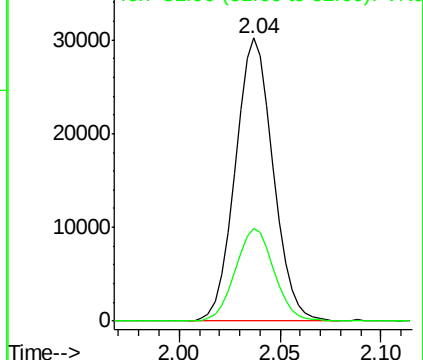
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 19.846 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059866.D

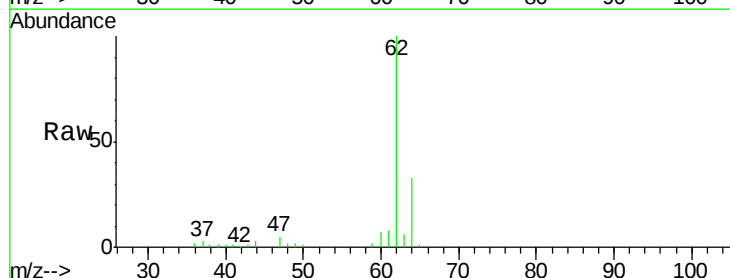
Acq: 27 Jan 2020 12:42

Tgt Ion: 62 Resp: 50253

Ion Ratio Lower Upper

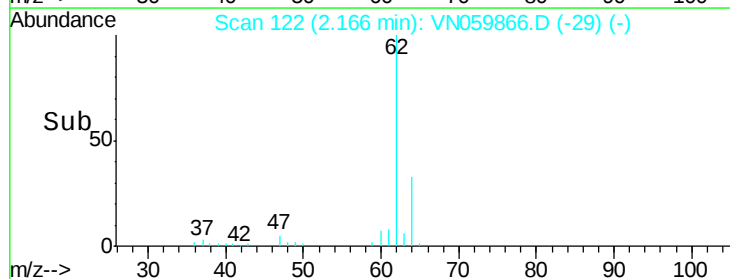
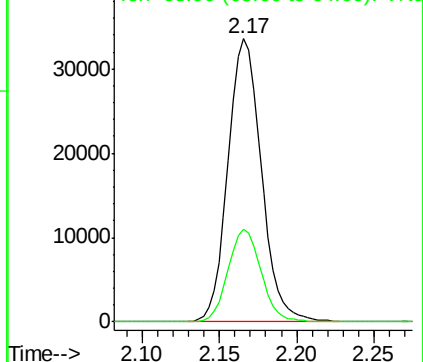
62 100

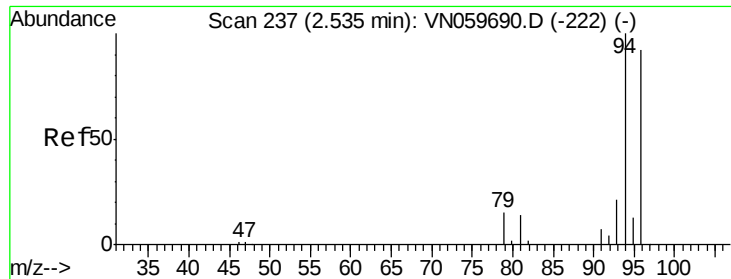
64 32.7 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





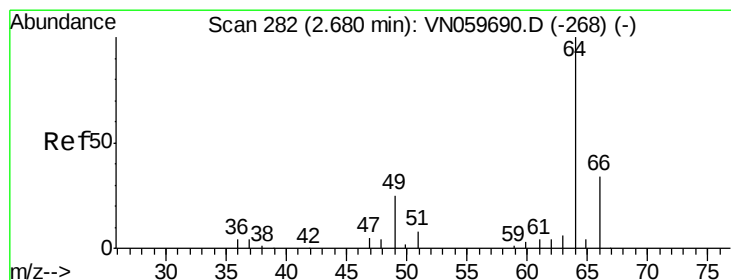
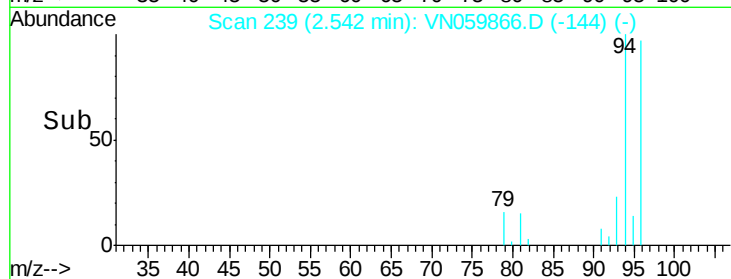
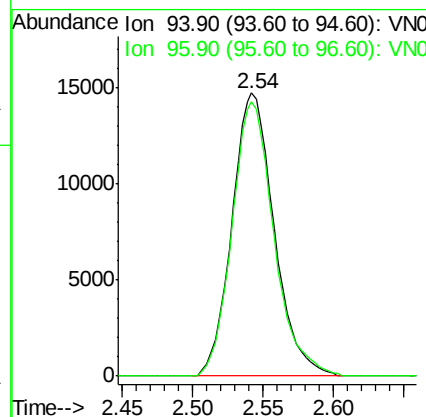
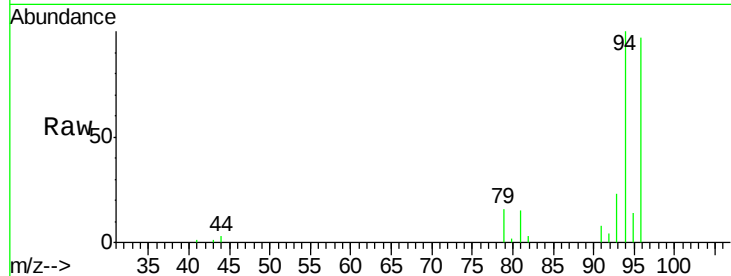
#5
Bromomethane
Concen: 19.934 ug/l
RT: 2.54 min Scan# 239
Delta R.T. 0.01 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Instrument :
MSVOA_N
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Tot Ion: 94 Resp: 30805
Ion Ratio Lower Upper
94 100
96 97.1 74.7 112.1

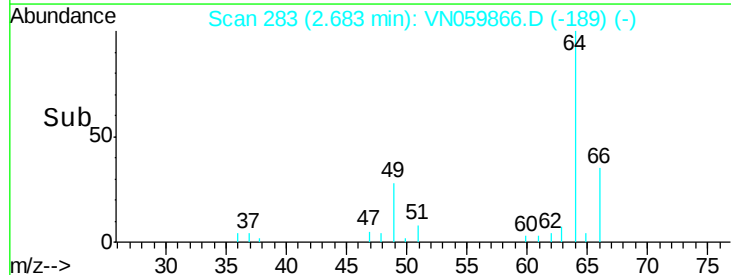
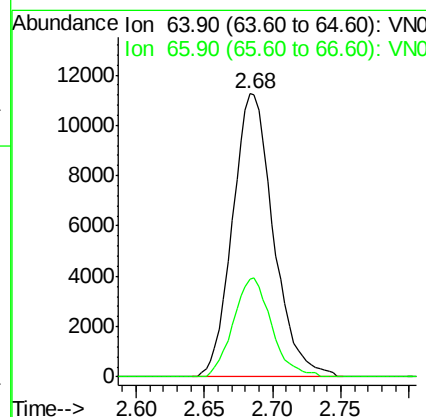
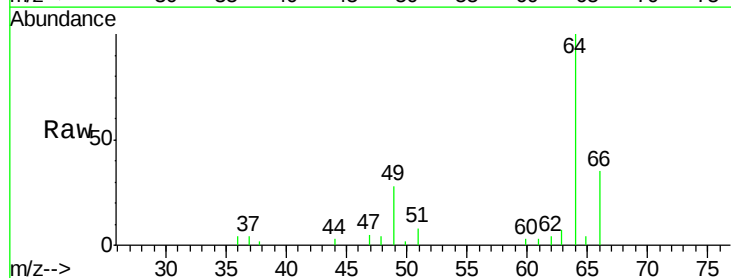
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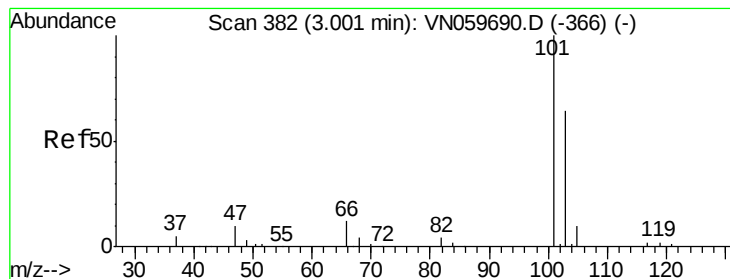
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#6
Chloroethane
Concen: 19.591 ug/l
RT: 2.68 min Scan# 283
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Tgt Ion: 64 Resp: 23470
Ion Ratio Lower Upper
64 100
66 34.5 25.1 37.7





#7

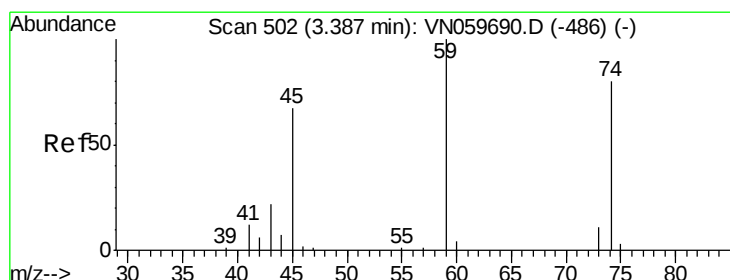
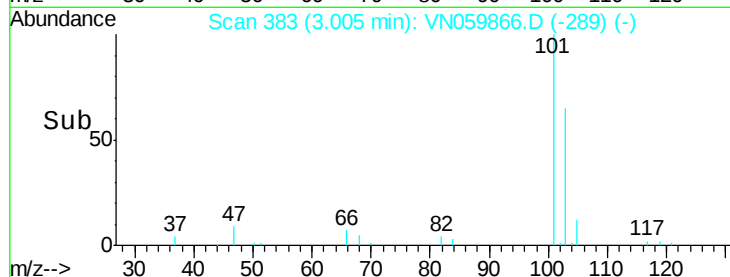
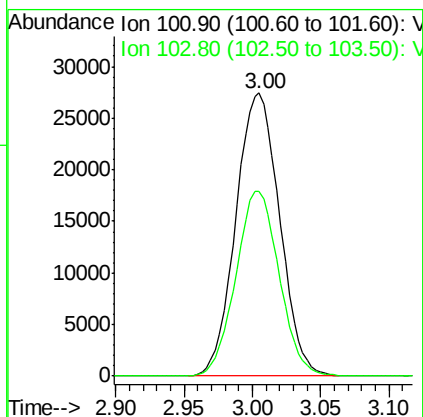
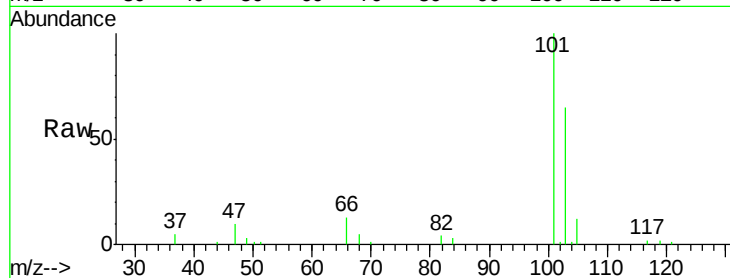
Trichlorofluoromethane
Concen: 20.108 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VN0127MBS01

Tot Ion:101 Resp: 61149
Ion Ratio Lower Upper
101 100
103 65.2 51.0 76.6

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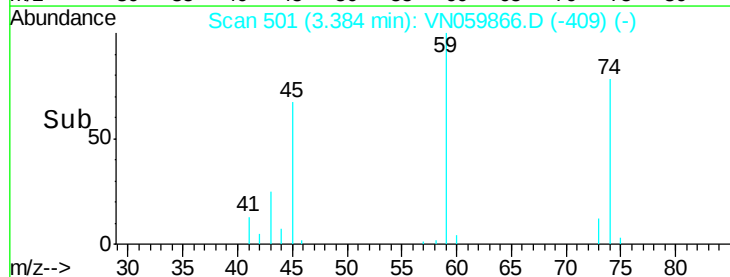
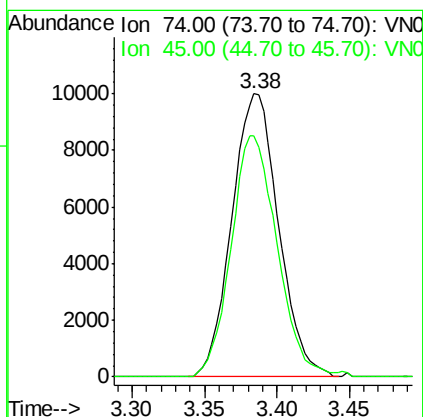
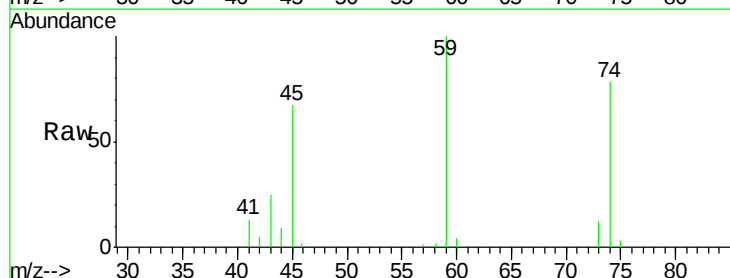
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#8

Diethyl Ether
Concen: 20.966 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Tgt Ion: 74 Resp: 22376
Ion Ratio Lower Upper
74 100
45 83.8 51.9 155.8





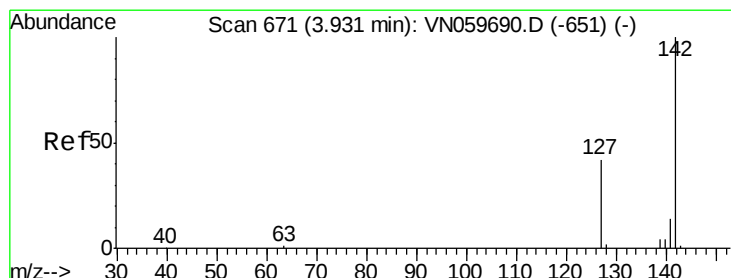
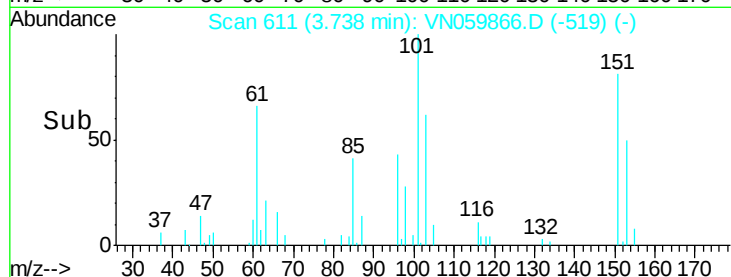
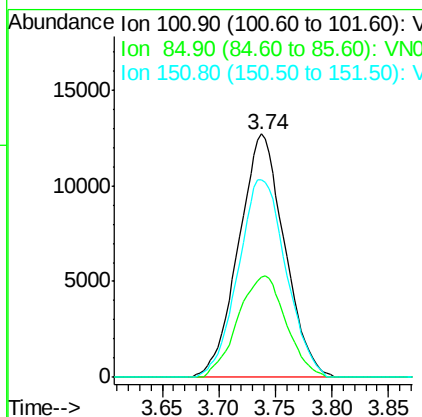
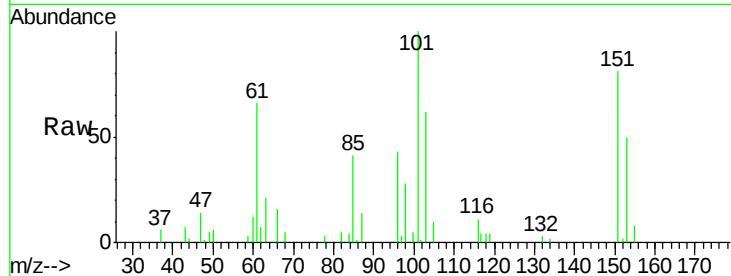
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.181 ug/l
RT: 3.74 min Scan# 611
Delta R.T. -0.00 min
Lab File: VN059866.D
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Tot Ion	Ratio	Lower	Upper
101	100		
85	43.7	36.6	54.8
151	84.7	59.7	89.5

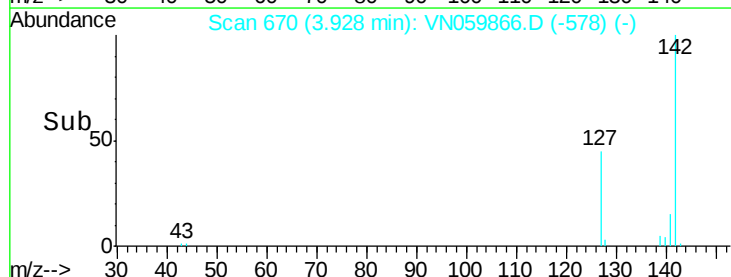
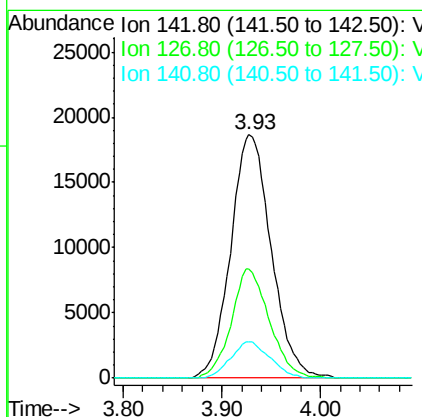
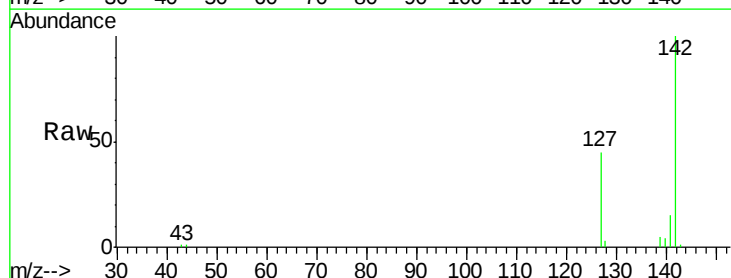
Manual Integrations
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#10
Methyl Iodide
Concen: 19.436 ug/l
RT: 3.93 min Scan# 670
Delta R.T. -0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.9	36.7	55.1
141	14.4	11.7	17.5





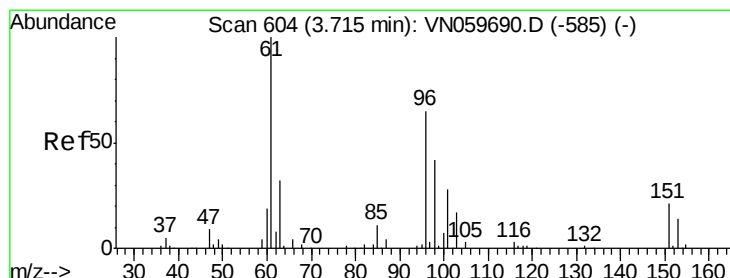
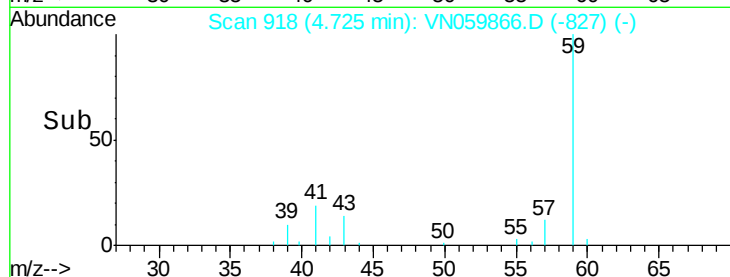
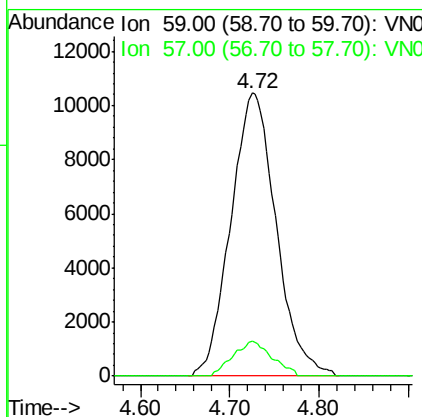
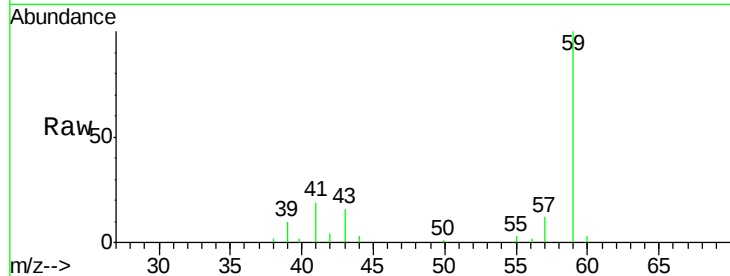
#11
Tert butyl alcohol
Concen: 101.861 ug/l
RT: 4.72 min Scan# 918
Delta R.T. -0.01 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VN0127MBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.6	12.8

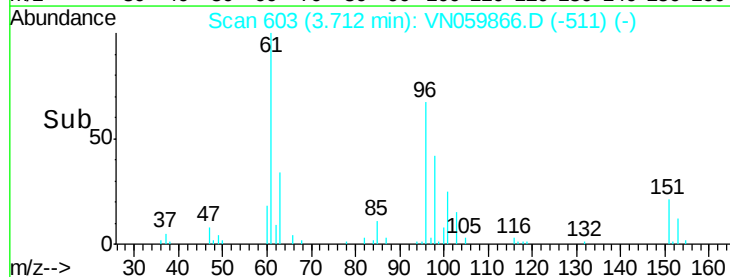
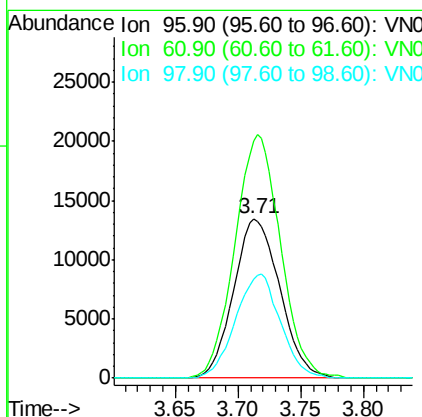
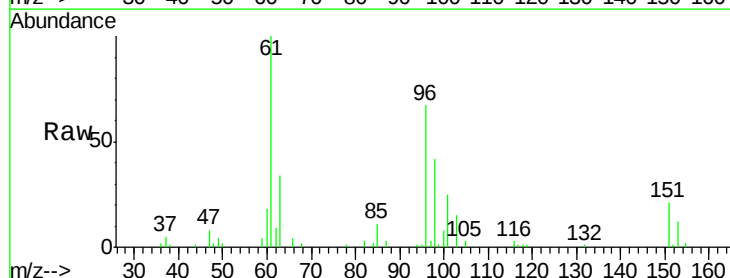
Manual Integrations
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#12
1,1-Dichloroethene
Concen: 19.452 ug/l
RT: 3.71 min Scan# 603
Delta R.T. -0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.6	137.5	206.3
98	62.3	50.2	75.4





#13

Acrolein

Concen: 67.015 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

VN0127MBS01

Tot Ion: 56 Resp: 17144

Ion Ratio Lower Upper

56 100

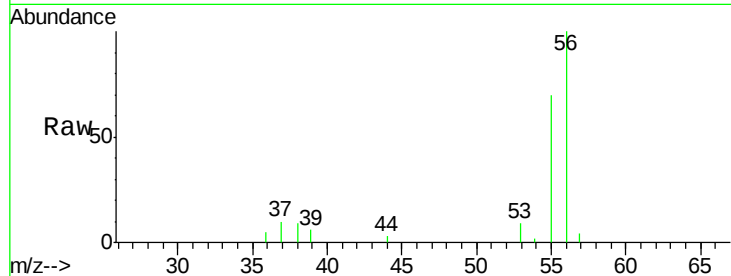
55 73.3 58.6 88.0

Manual Integrations

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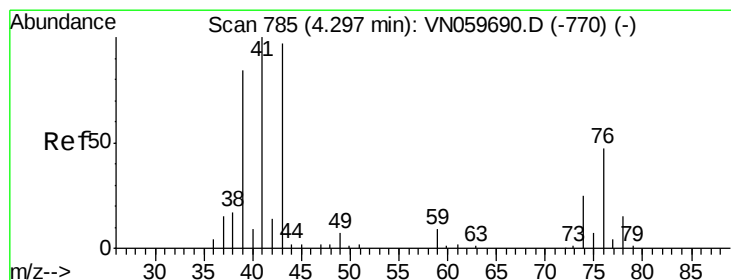
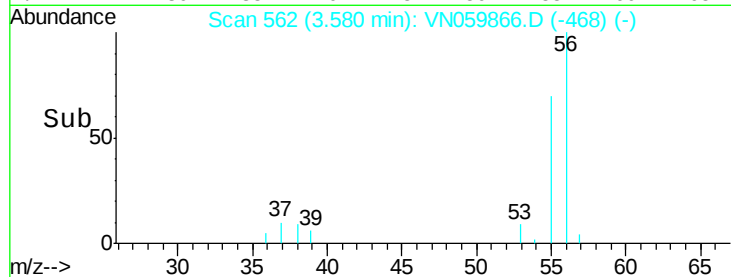
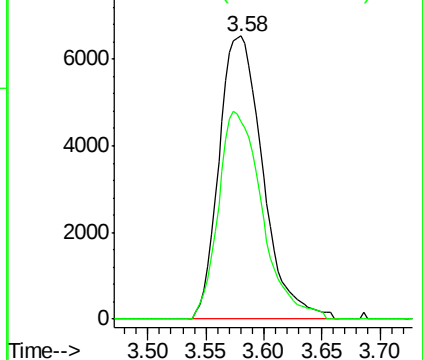
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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 19.403 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.01 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

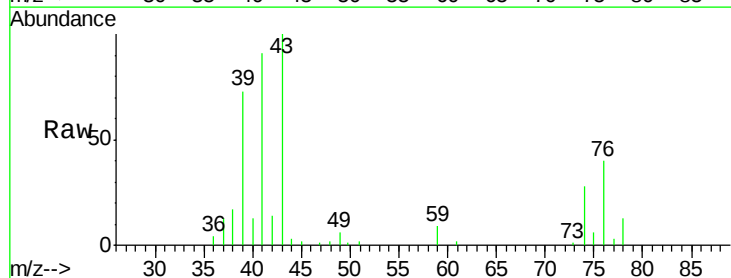
Tgt Ion: 41 Resp: 46253

Ion Ratio Lower Upper

41 100

39 81.0 57.8 86.8

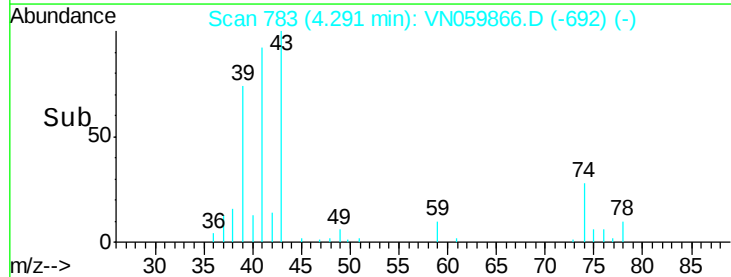
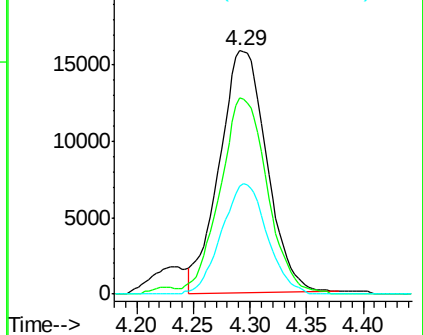
76 43.8 25.4 38.0#

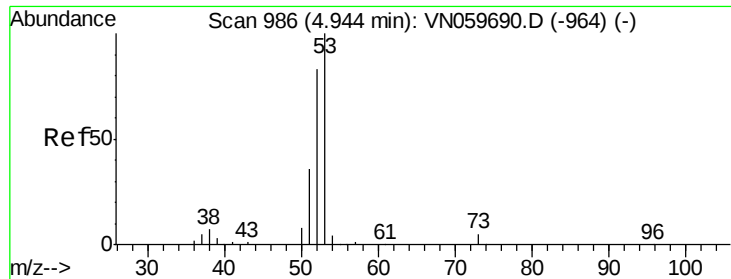


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 102.543 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Instrument :

MSVOA_N

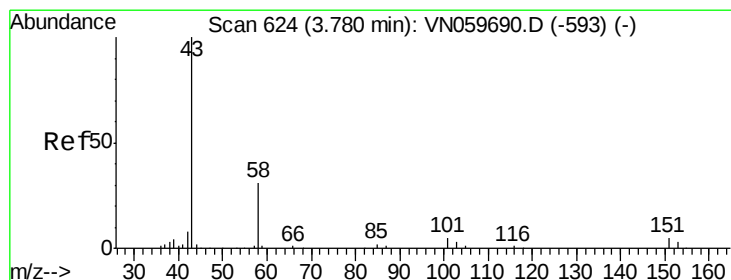
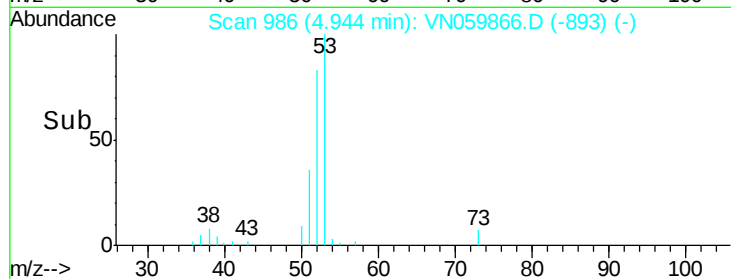
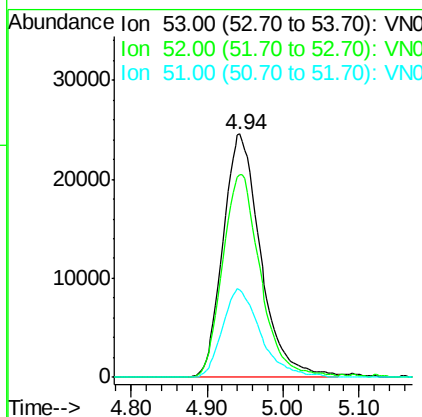
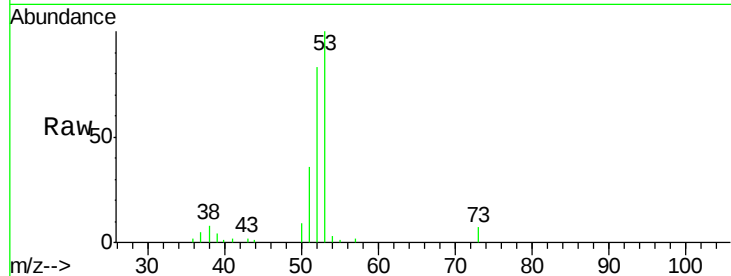
ClientSampleId :

VN0127MBS01

Tot Ion:	53	Resp:	84533
Ion Ratio	Lower	Upper	
53	100		
52	83.6	66.3	99.5
51	36.7	29.7	44.5

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#16

Acetone

Concen: 111.026 ug/l

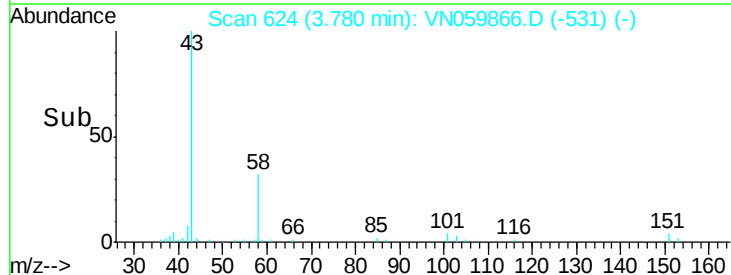
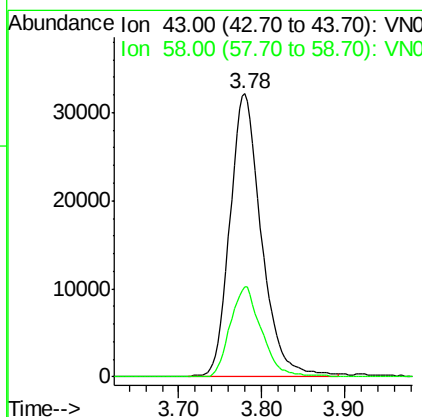
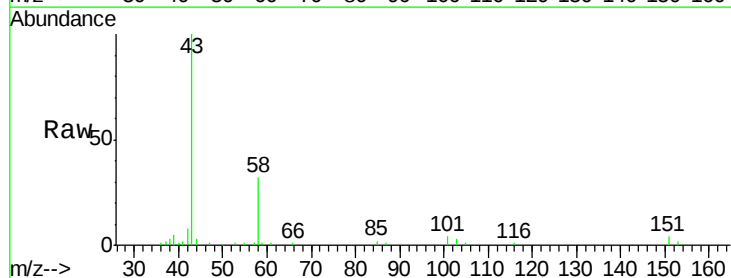
RT: 3.78 min Scan# 624

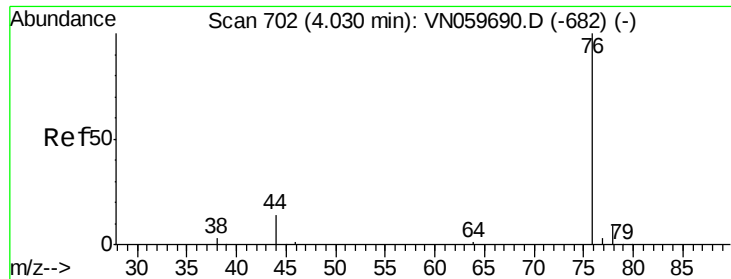
Delta R.T. 0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Tgt Ion:	43	Resp:	85367
Ion Ratio	Lower	Upper	
43	100		
58	31.9	23.6	35.4





#17

Carbon Disulfide

Concen: 17.479 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

VN0127MBS01

Tot Ion: 76 Resp: 88060

Ion Ratio Lower Upper

76 100

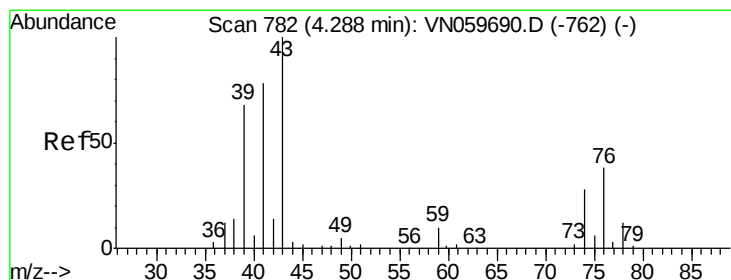
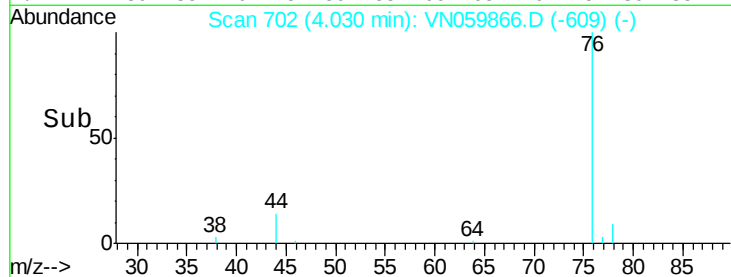
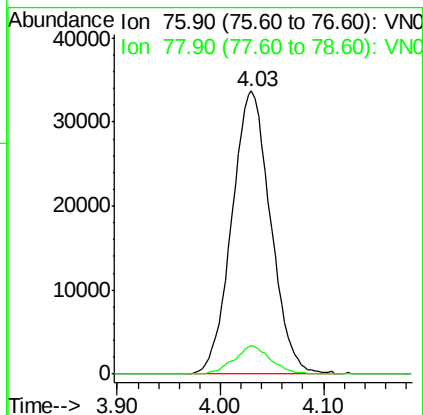
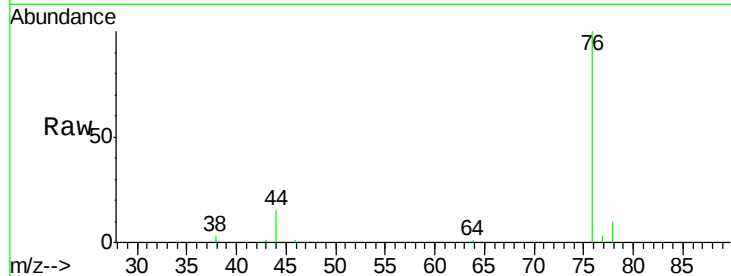
78 10.0 7.4 11.0

Manual Integrations

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#18

Methyl Acetate

Concen: 21.182 ug/l

RT: 4.29 min Scan# 782

Delta R.T. 0.00 min

Lab File: VN059866.D

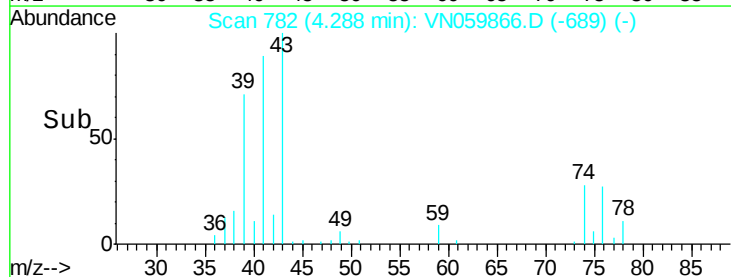
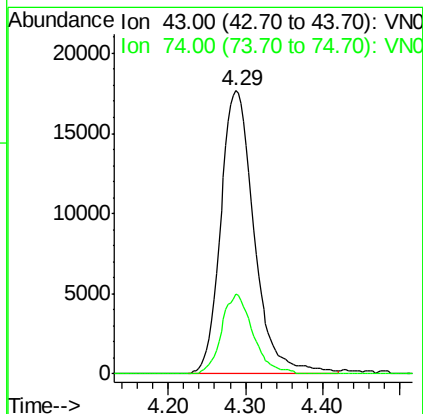
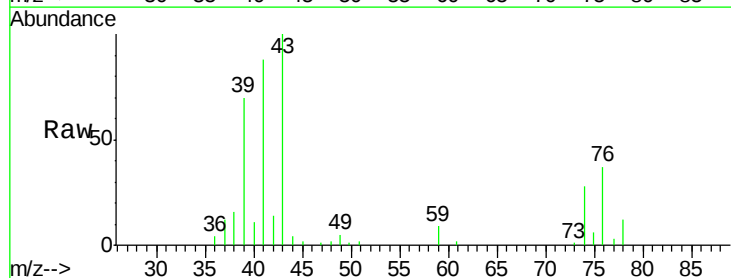
Acq: 27 Jan 2020 12:42

Tgt Ion: 43 Resp: 53116

Ion Ratio Lower Upper

43 100

74 26.4 17.5 26.3#





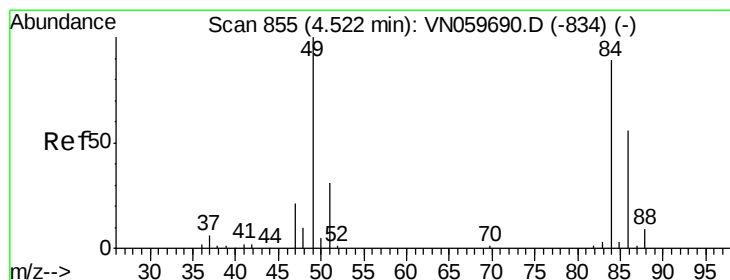
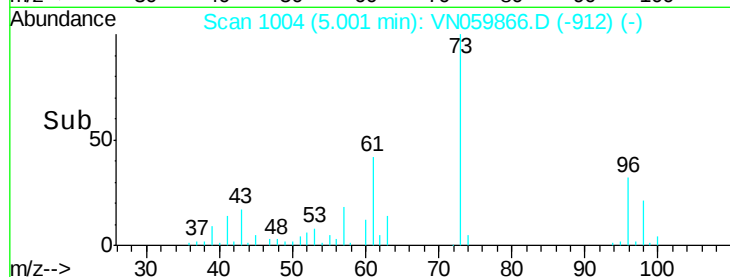
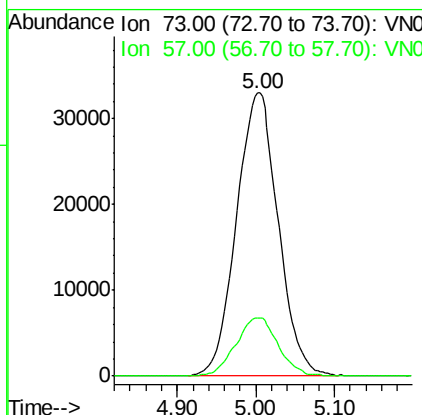
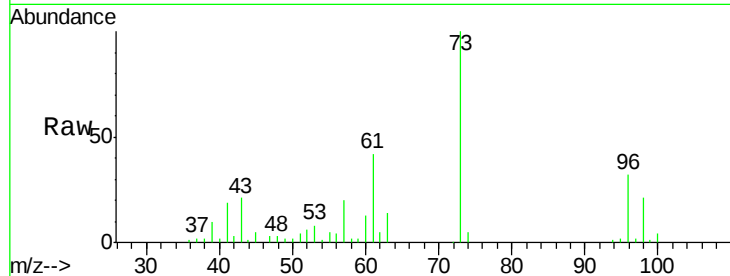
#19
Methvl tert-butvl Ether
Concen: 21.304 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VN0127MBS01

Tot Ion: 73 Resp: 122845
Ion Ratio Lower Upper
73 100
57 20.4 18.6 27.8

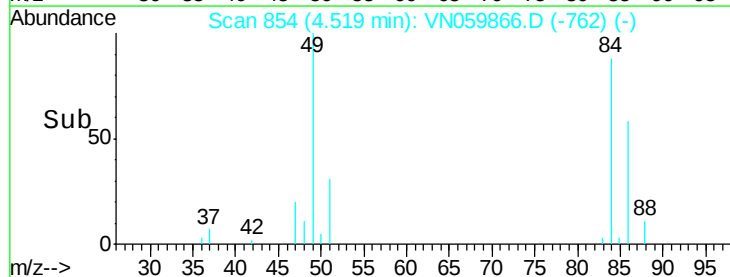
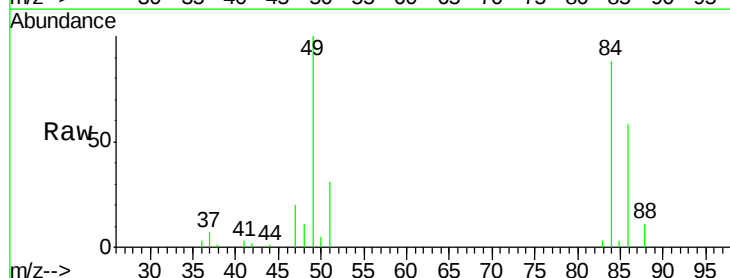
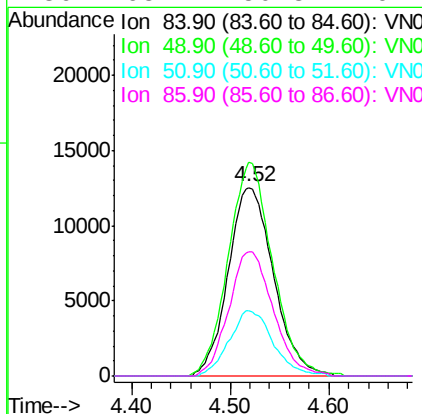
Manual Integrations
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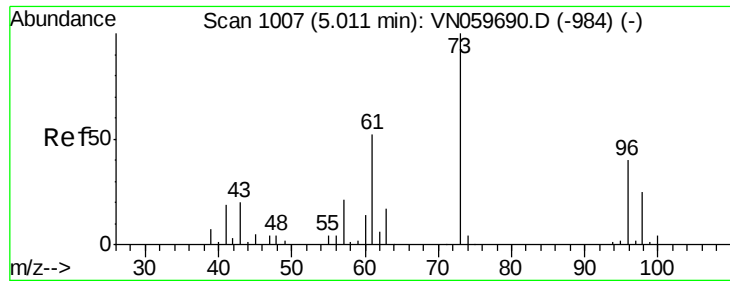
MMDadoda
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#20
Methylene Chloride
Concen: 19.828 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Tgt Ion: 84 Resp: 40028
Ion Ratio Lower Upper
84 100
49 113.4 106.6 160.0
51 34.7 31.9 47.9
86 65.7 50.8 76.2





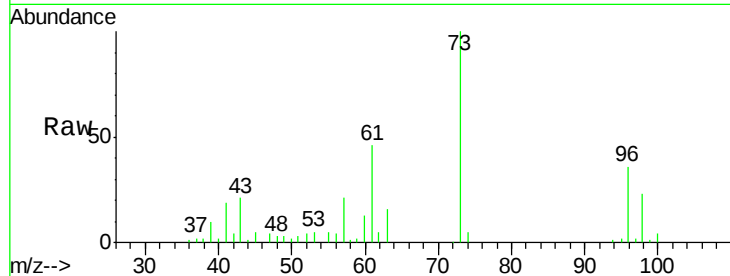
#21
trans-1,2-Dichloroethene
Concen: 19.912 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VN0127MBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.9	120.4	180.6
98	62.0	50.6	75.8

Manual Integrations
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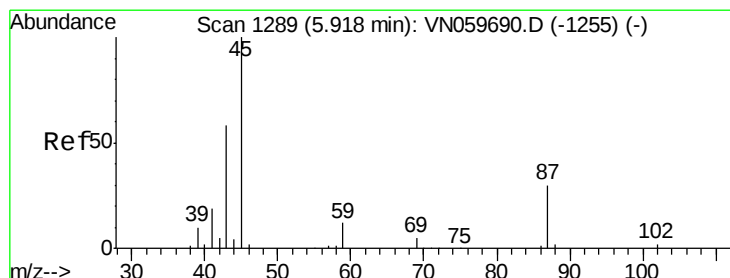
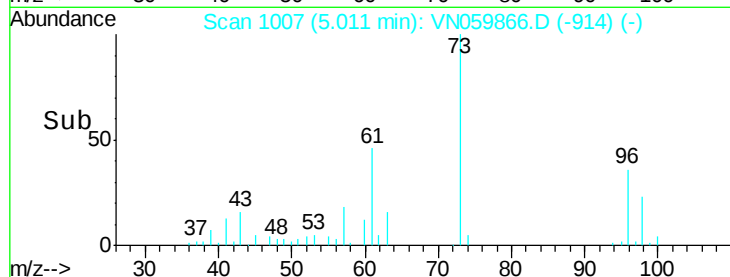
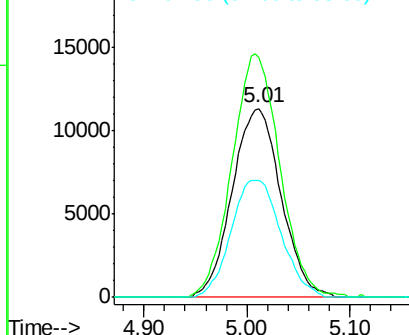


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22
Diisopropyl ether
Concen: 20.317 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Tgt Ion	Ratio	Lower	Upper
45	100		
43	66.7	50.8	76.2
87	33.8	21.0	31.6
59	12.8	9.1	13.7

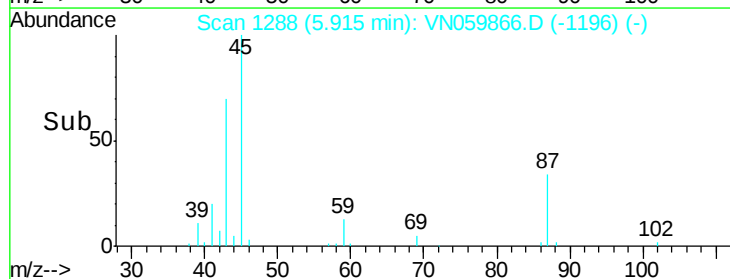
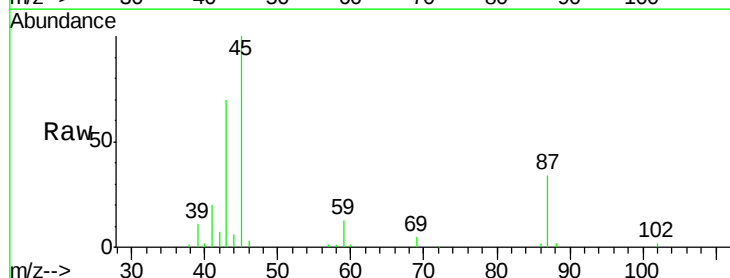
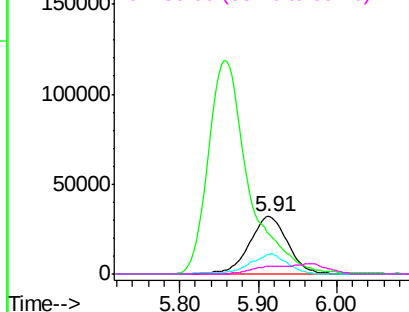
Abundance

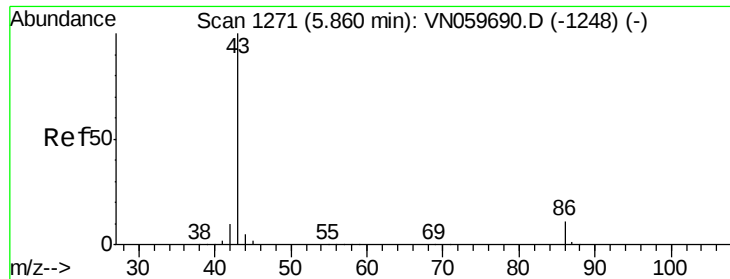
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 100.281 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Instrument :

MSVOA_N

ClientSampled :

VN0127MBS01

Tot Ion: 43 Resp: 419438

Ion Ratio Lower Upper

43 100

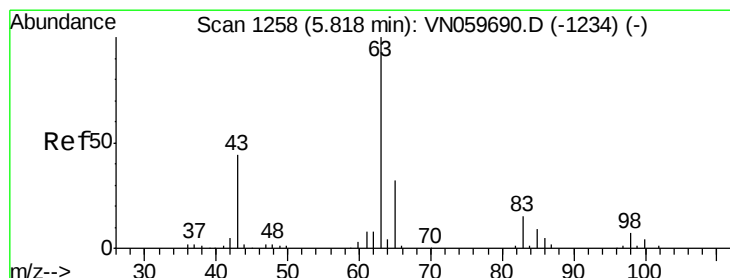
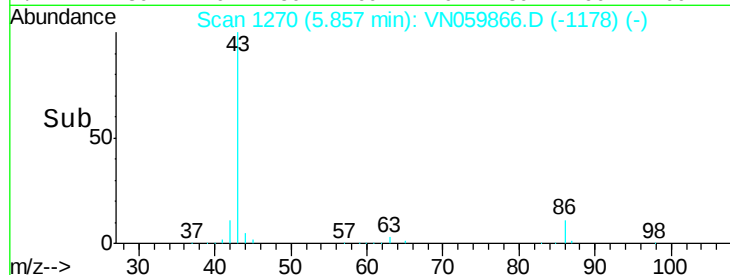
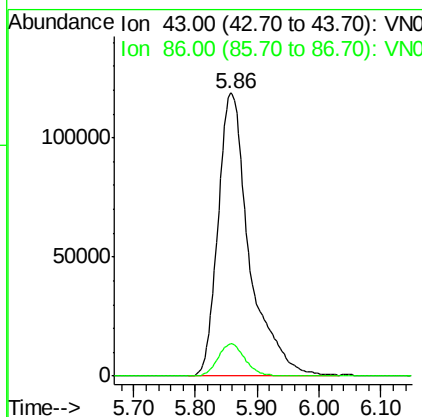
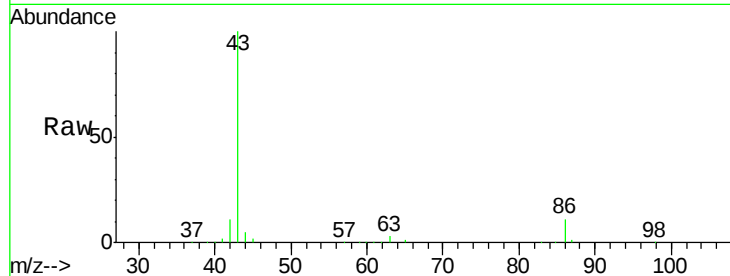
86 11.5 7.6 11.4#

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#24

1,1-Dichloroethane

Concen: 19.750 ug/l

RT: 5.81 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

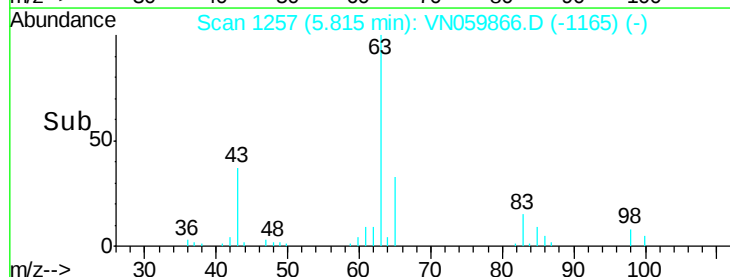
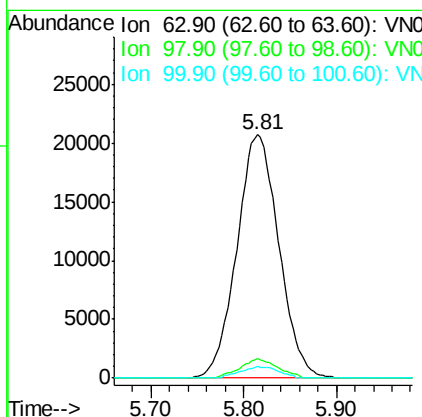
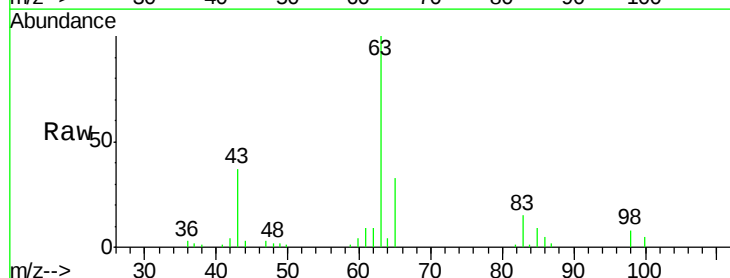
Tgt Ion: 63 Resp: 65191

Ion Ratio Lower Upper

63 100

98 8.1 2.9 8.7

100 4.7 2.0 6.0





#25

2-Butanone

Concen: 93.333 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

VN0127MBS01

Tot Ion: 43 Resp: 113464

Ion Ratio Lower Upper

43 100

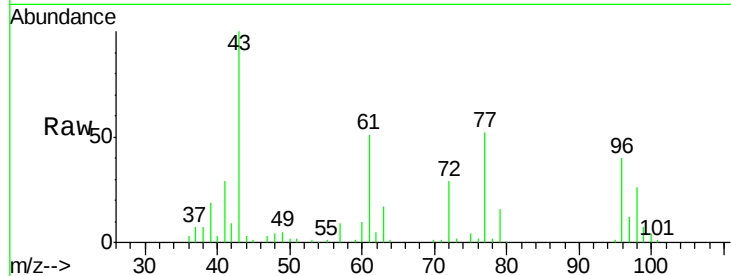
72 29.5 19.9 29.9

Manual Integrations

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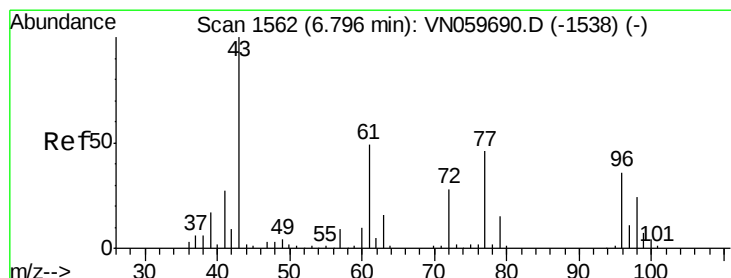
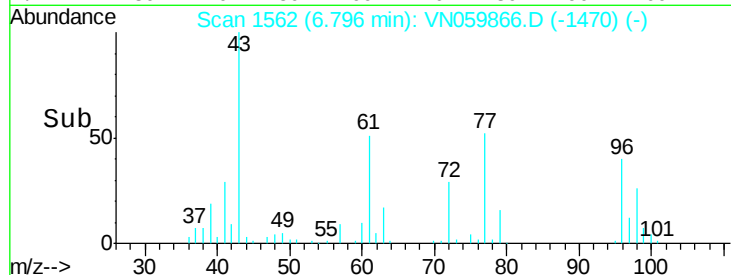
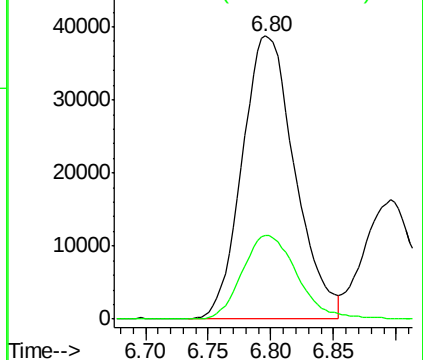
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 19.606 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN059866.D

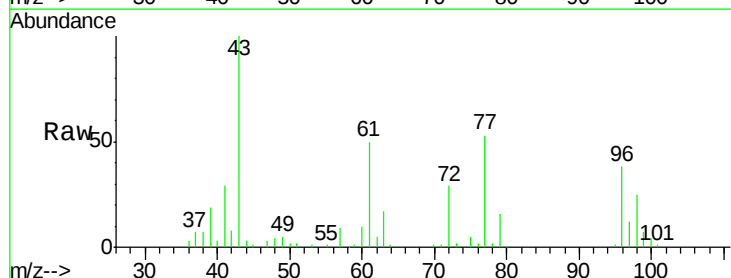
Acq: 27 Jan 2020 12:42

Tgt Ion: 77 Resp: 62219

Ion Ratio Lower Upper

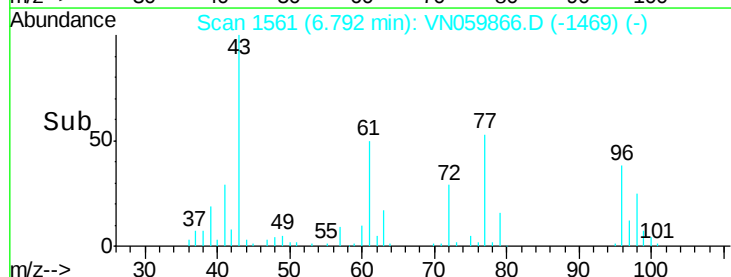
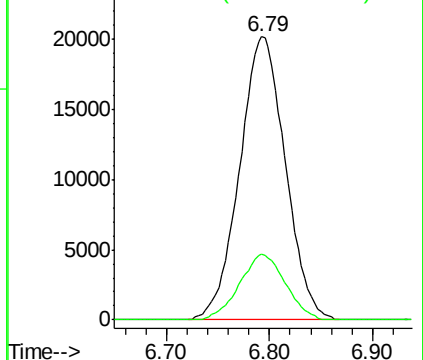
77 100

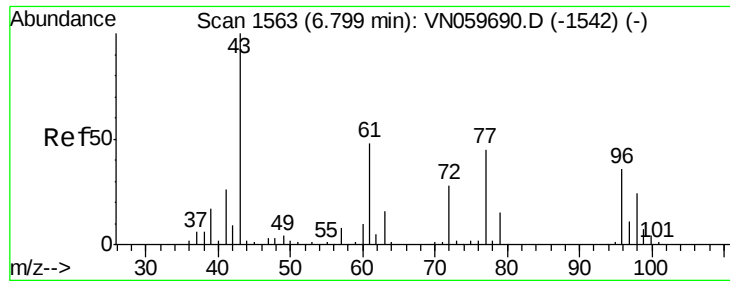
97 23.2 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





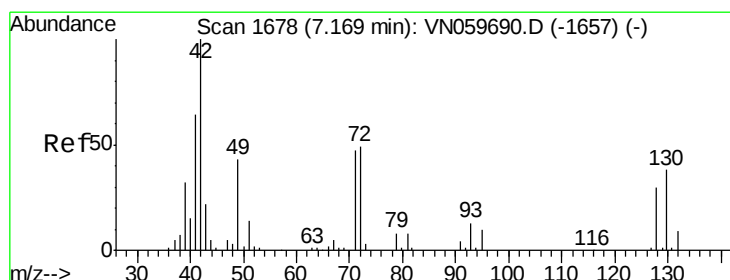
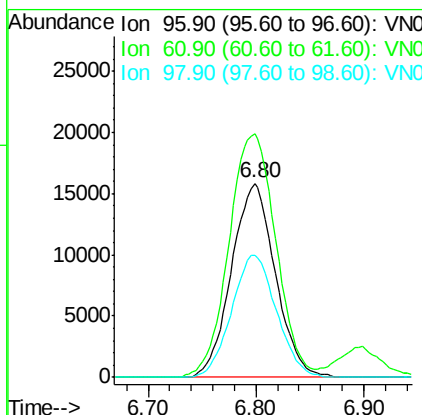
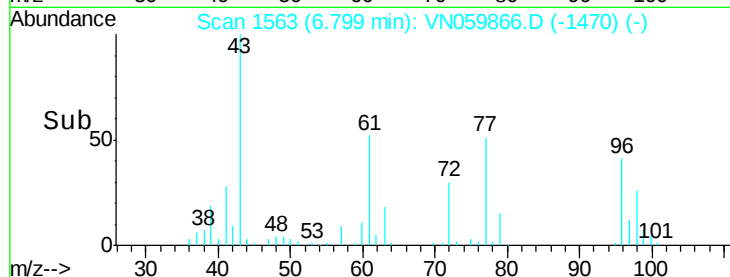
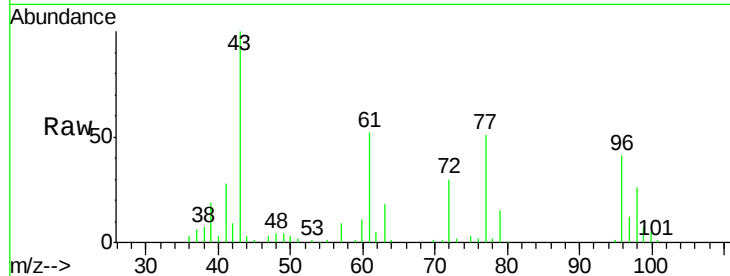
#27
 cis-1,2-Dichloroethene
 Concen: 20.625 ug/l
 RT: 6.80 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: VN059866.D
 Acq: 27 Jan 2020 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127MBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.5	0.0	317.6
98	64.4	0.0	127.0

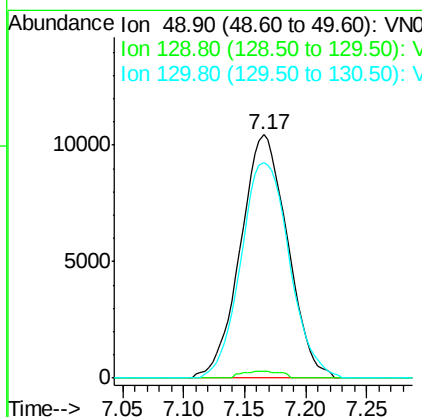
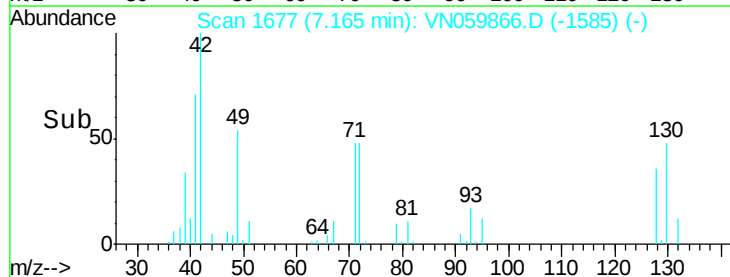
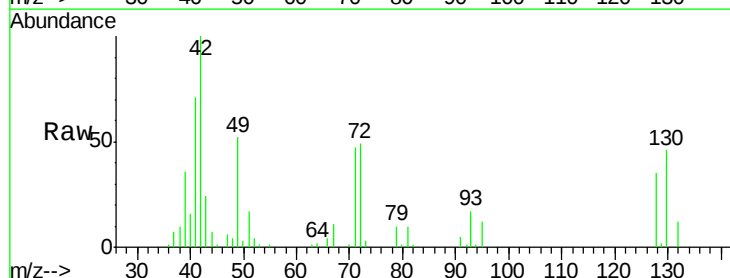
Manual Integrations
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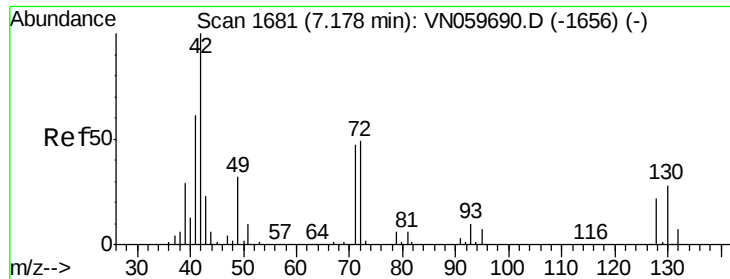
MMDadoda
 1/28/2020 9:24:32 AM



#28
 Bromochloromethane
 Concen: 21.177 ug/l
 RT: 7.17 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: VN059866.D
 Acq: 27 Jan 2020 12:42

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	3.4
130	91.6	54.7	82.1#





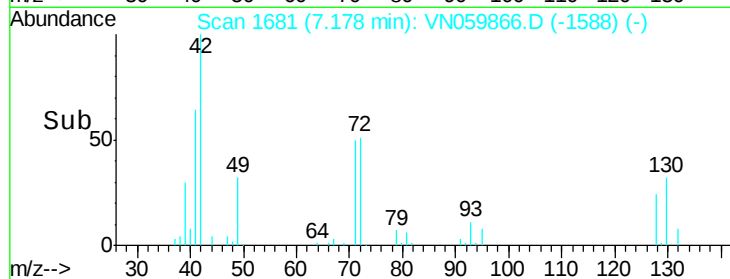
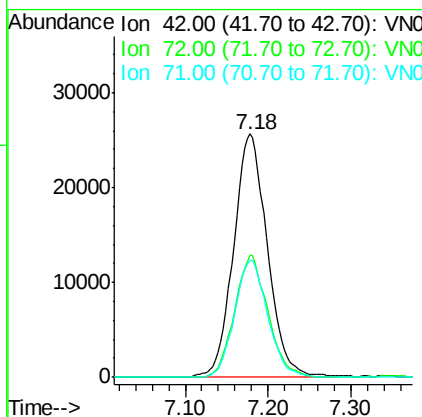
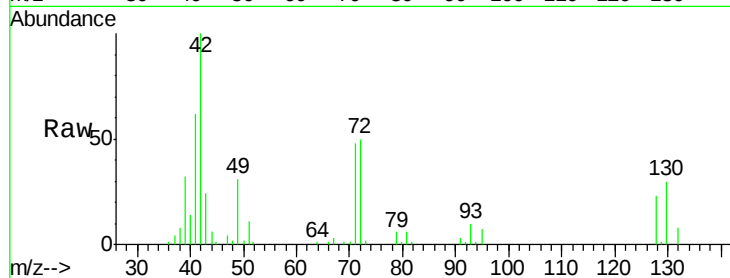
#29
Tetrahydrofuran
Concen: 96.938 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VN0127MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.2	33.1	49.7
71	46.8	31.4	47.0

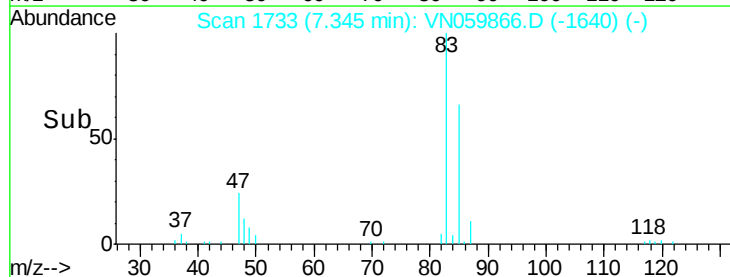
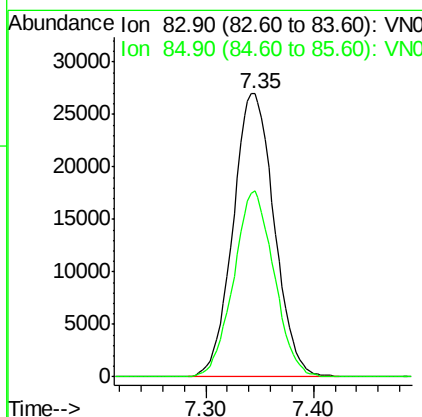
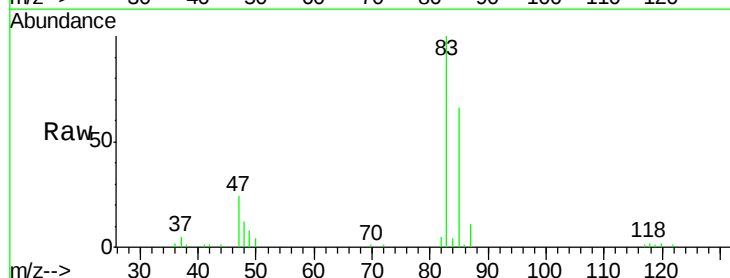
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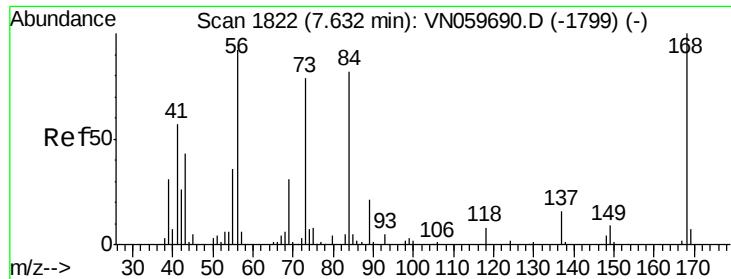
MMDadoda
1/28/2020 9:24:32 AM



#30
Chloroform
Concen: 20.943 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	52.4	78.6





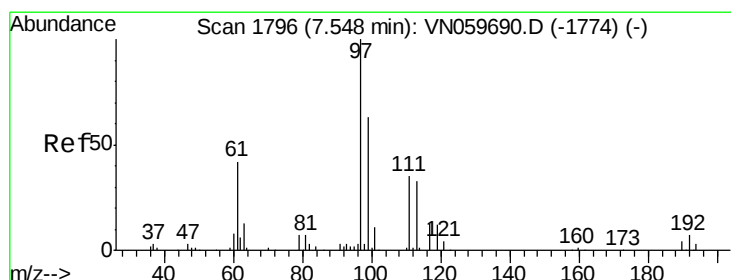
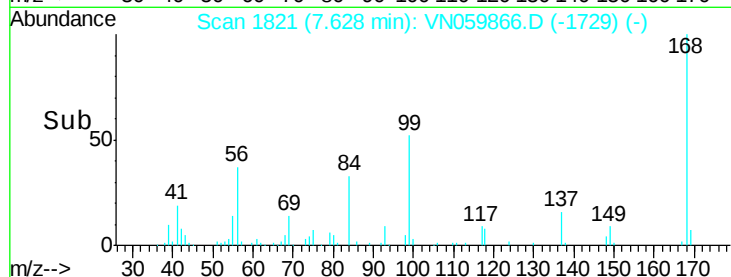
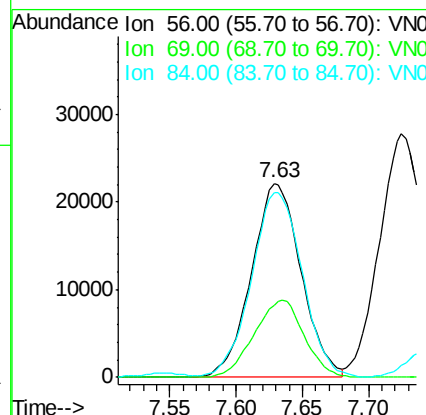
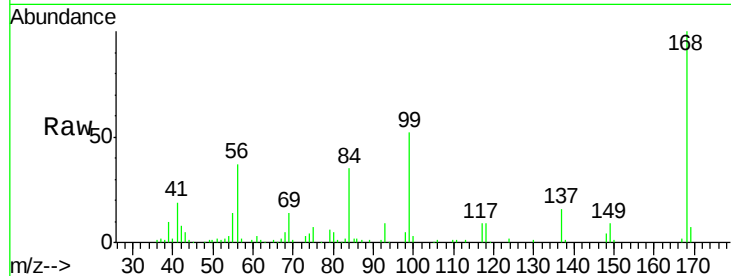
#31
Cyclohexane
Concen: 18.210 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VN0127MBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.4	26.5	39.7
84	94.2	65.3	97.9

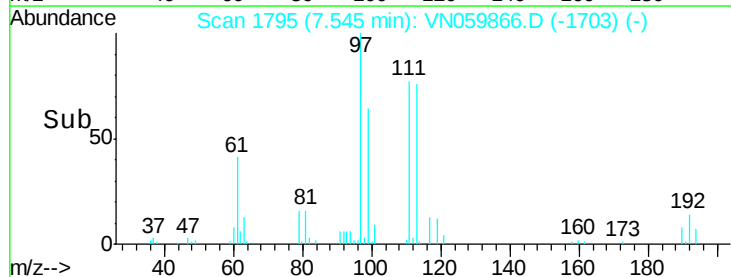
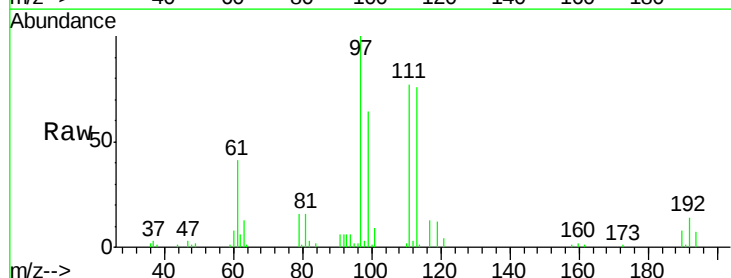
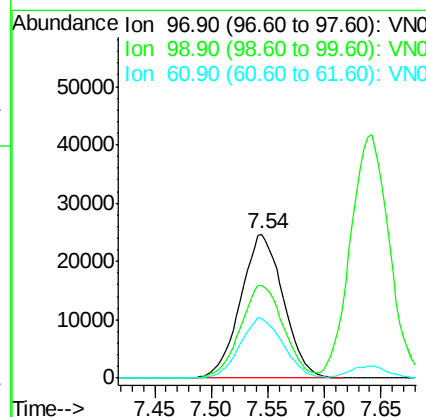
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#32
1,1,1-Trichloroethane
Concen: 20.485 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.0	76.4
61	42.1	38.5	57.7





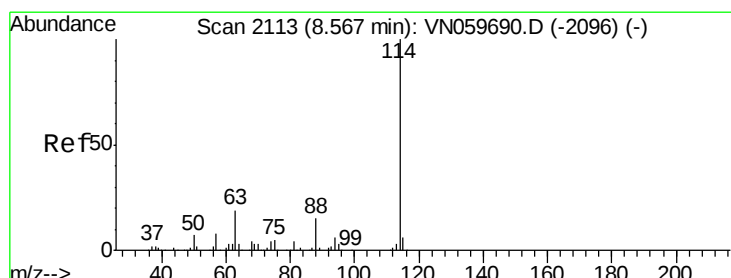
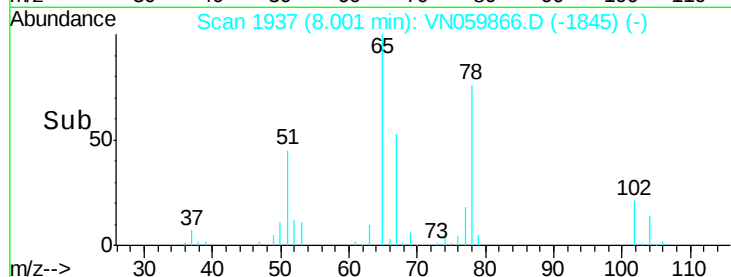
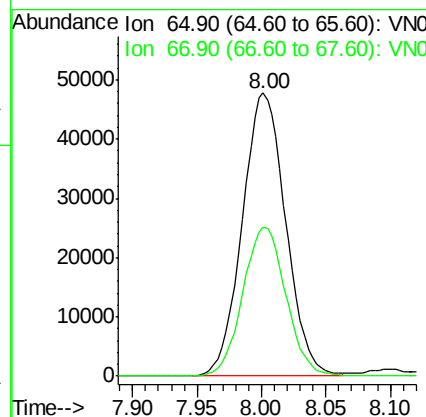
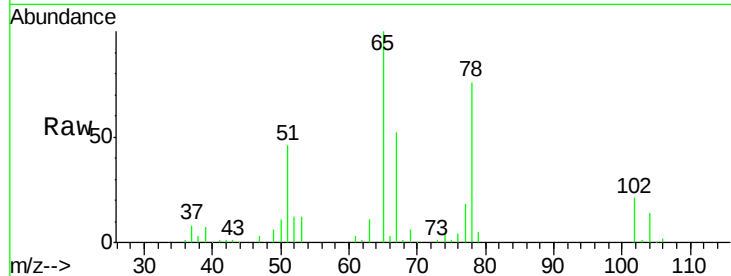
#33
 1,2-Dichloroethane-d4
 Concen: 52.218 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059866.D
 Acq: 27 Jan 2020 12:42

Instrument :
 MSVOA_N
 ClientSampled :
 VN0127MBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.2	0.0	103.0	

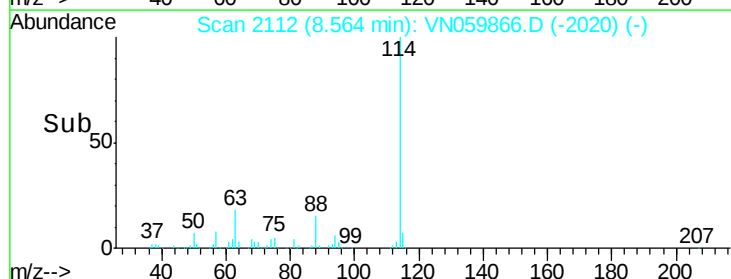
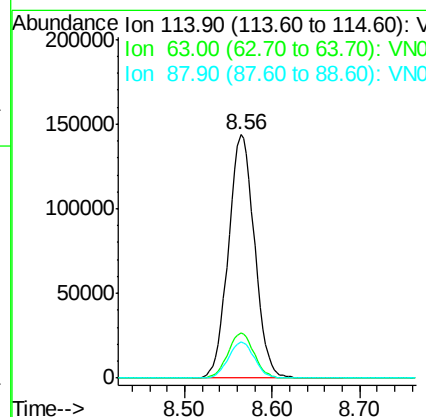
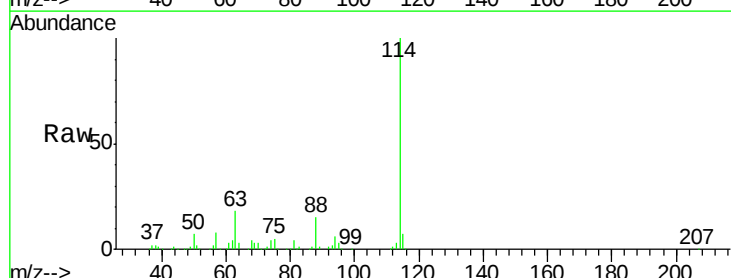
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059866.D
 Acq: 27 Jan 2020 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.3	0.0	43.6	
88	14.7	0.0	31.4	





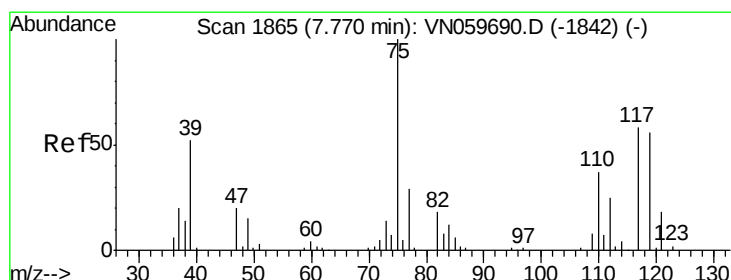
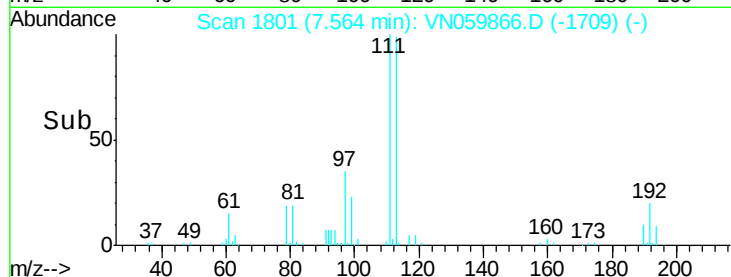
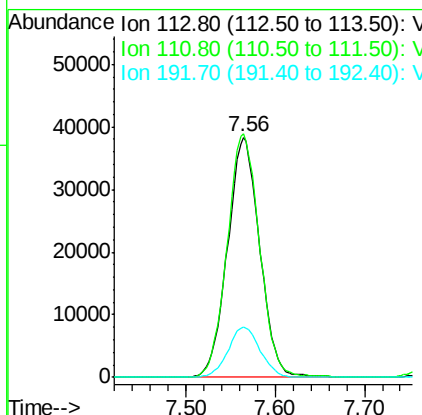
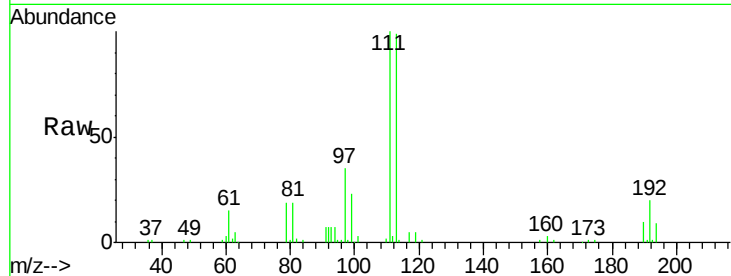
#35
 Dibromofluoromethane
 Concen: 53.832 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059866.D
 Acq: 27 Jan 2020 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127MBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	95505		
111	101.6	83.5	125.3	
192	20.9	15.4	23.2	

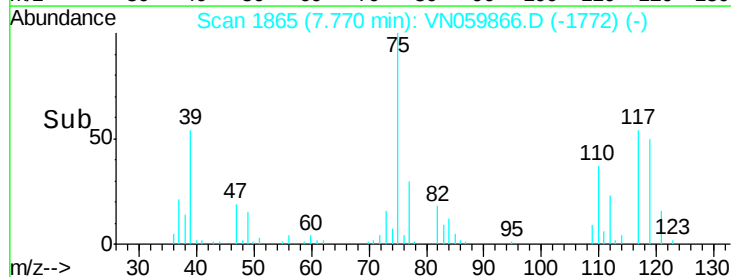
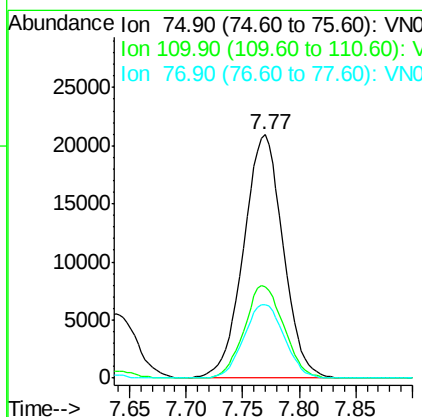
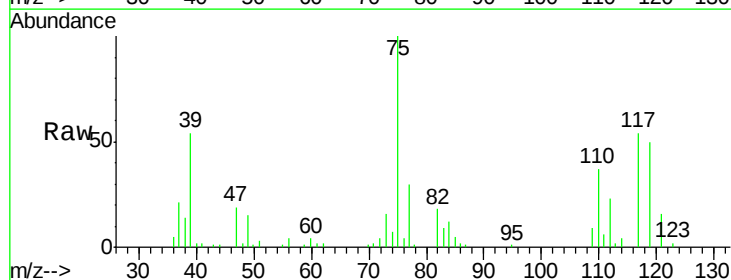
Manual Integrations
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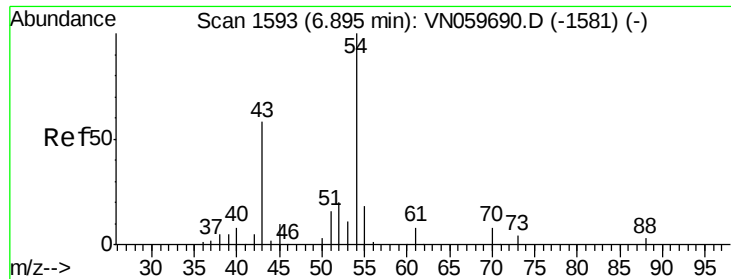
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#36
 1,1-Dichloropropene
 Concen: 19.603 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN059866.D
 Acq: 27 Jan 2020 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	50788		
110	37.8	16.6	49.7	
77	30.8	25.1	37.7	





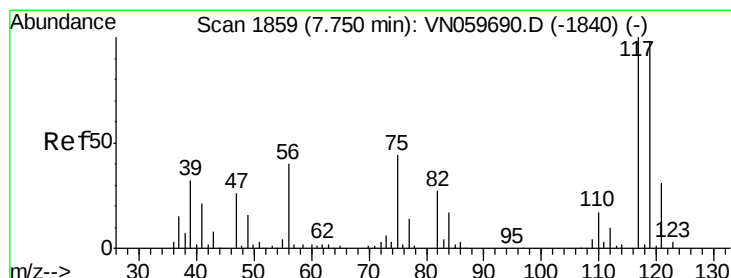
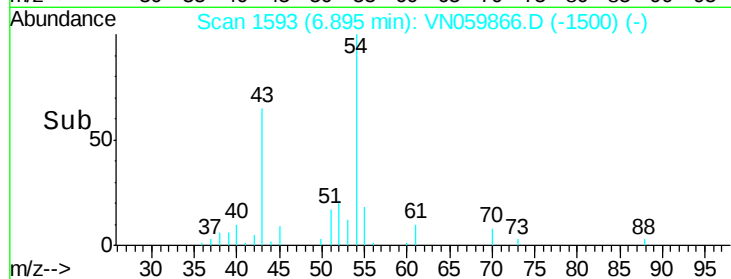
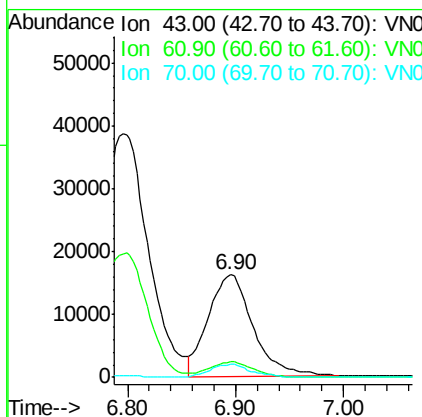
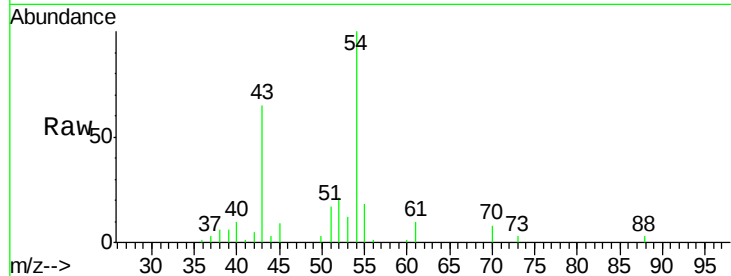
#37
Ethyl Acetate
Concen: 19.276 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VN0127MBS01

Tot Ion	43	61	70
Resp	46839		
Ratio	100	14.7	11.6
Lower		10.9	7.7
Upper		16.3	11.5

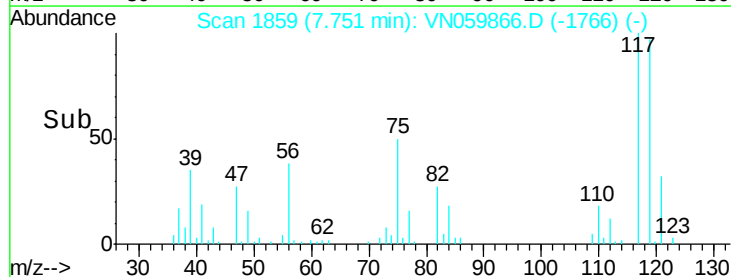
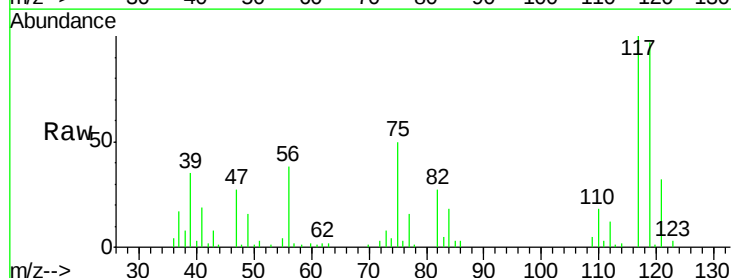
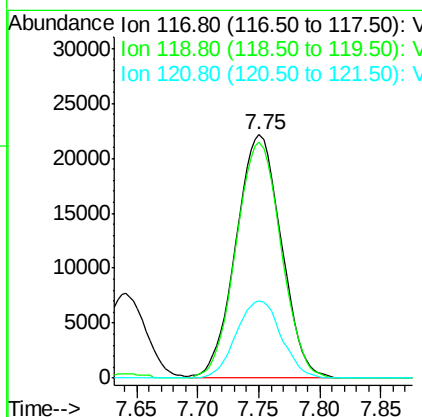
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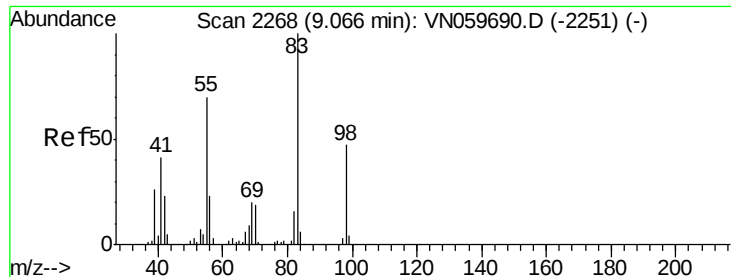
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#38
Carbon Tetrachloride
Concen: 20.277 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Tgt Ion	117	119	121
Resp	57145		
Ratio	100	97.0	31.8
Lower		76.5	25.1
Upper		114.7	37.7





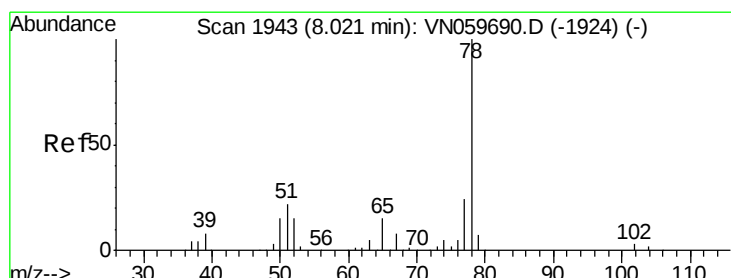
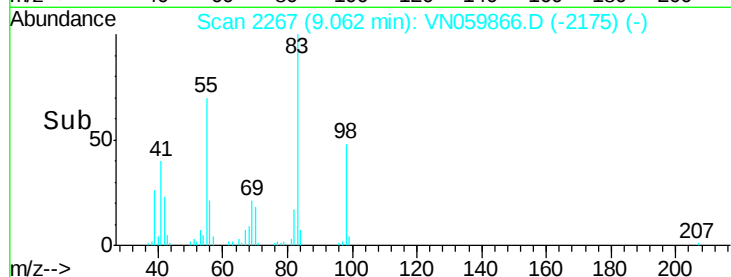
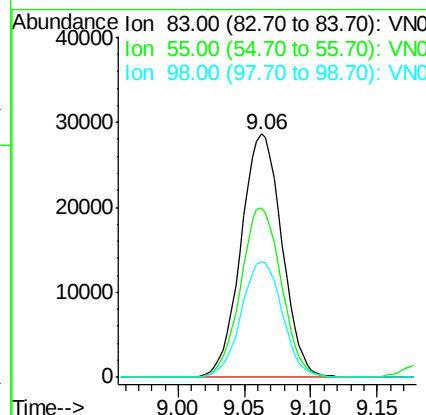
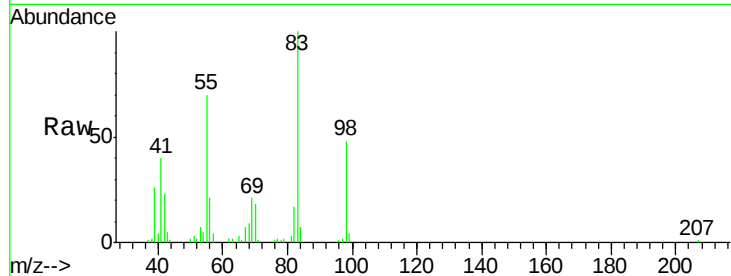
#39
Methvlcvclohexane
Concen: 19.277 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VN0127MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.8	64.2	96.2
98	47.6	35.9	53.9

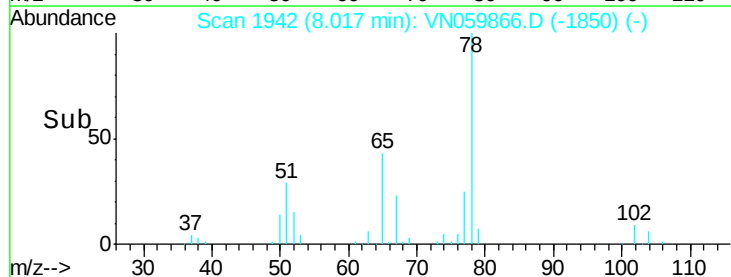
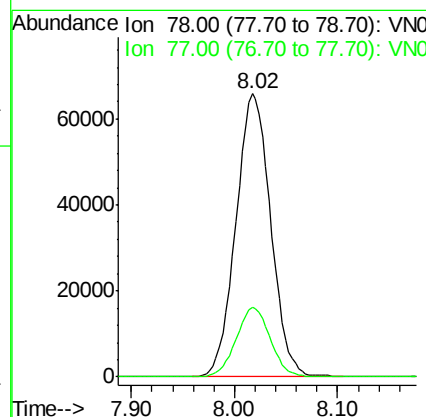
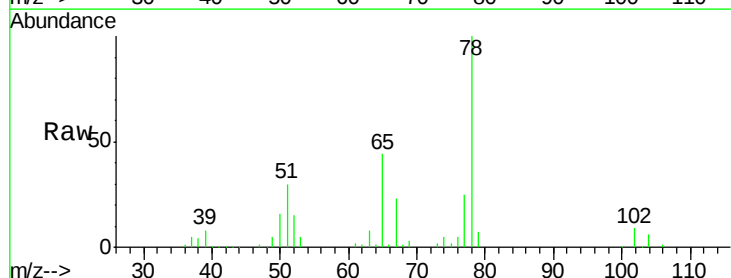
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#40
Benzene
Concen: 20.012 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	18.9	28.3





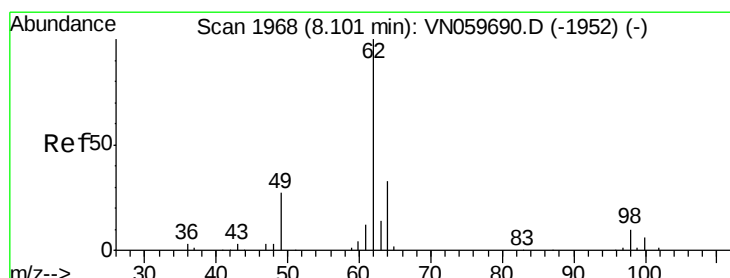
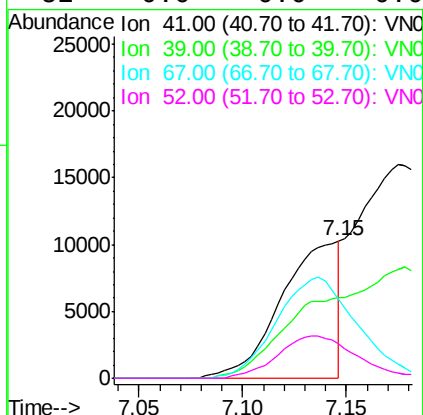
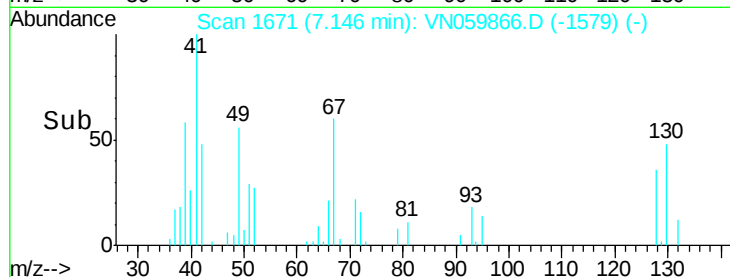
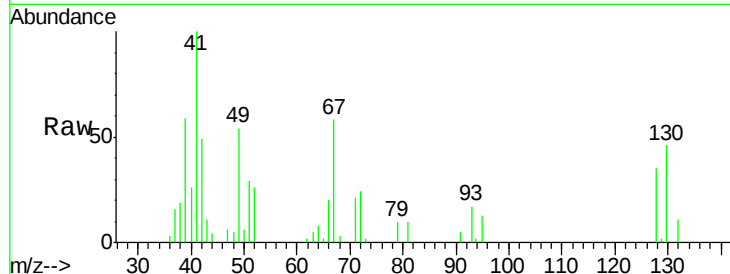
#41
Methacrylonitrile
Concen: 16.495 ug/l m
RT: 7.15 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VN0127MBS01

Tot Ion	41	Resp	19742
Ion	Ratio	Lower	Upper
41	100		
39	187.1	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

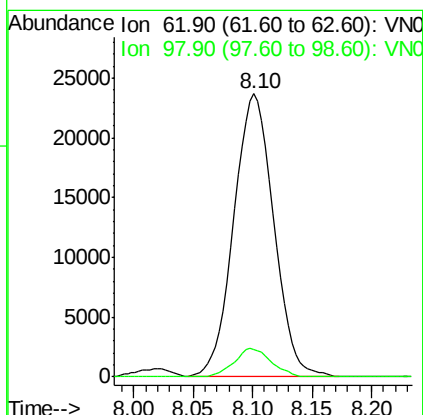
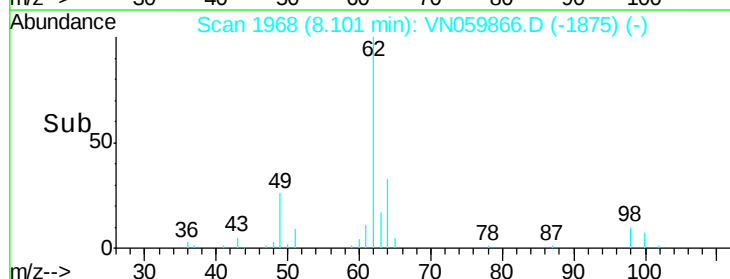
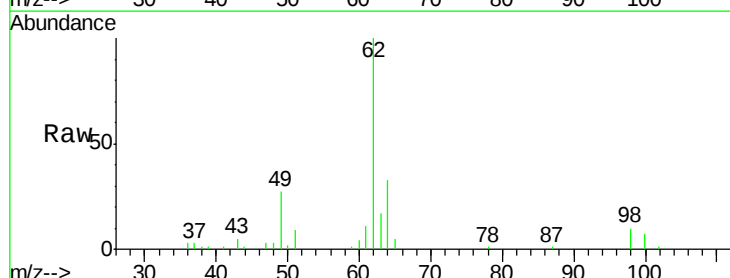
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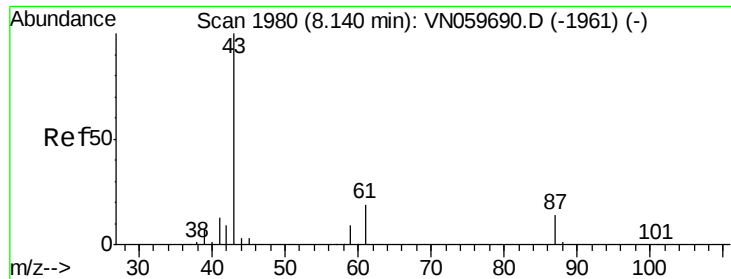
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#42
1,2-Dichloroethane
Concen: 21.103 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Tgt Ion	62	Resp	55284
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	15.8





#43

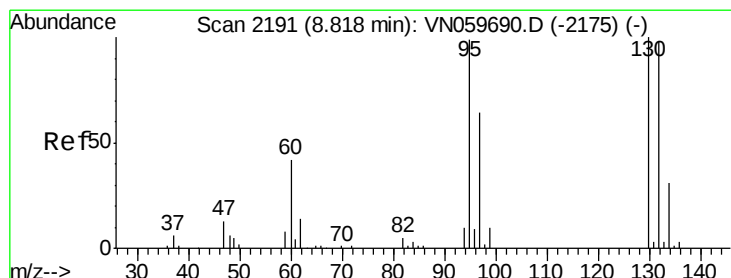
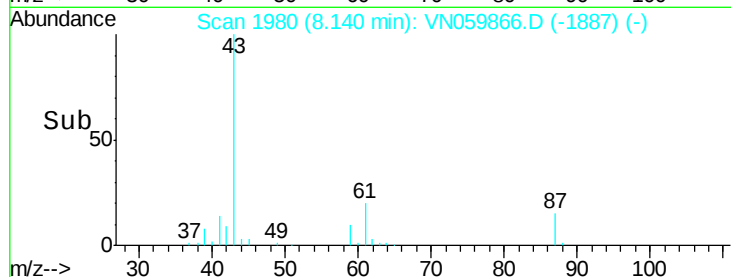
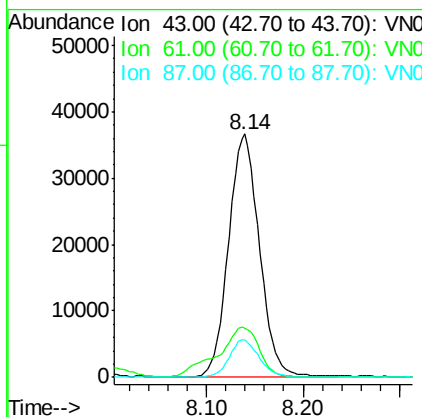
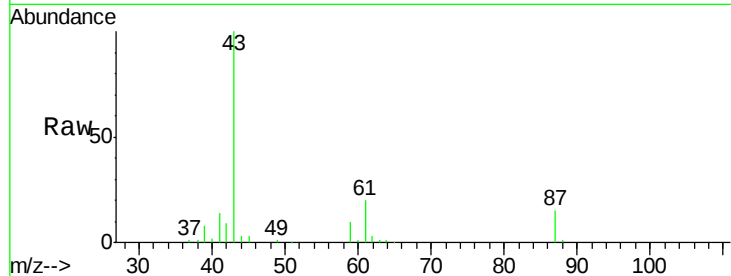
Isopropyl Acetate
 Concen: 19.529 ug/l
 RT: 8.14 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: VN059866.D
 Acq: 27 Jan 2020 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	27.8	20.2	30.2
87	14.7	9.5	14.3

Manual Integrations
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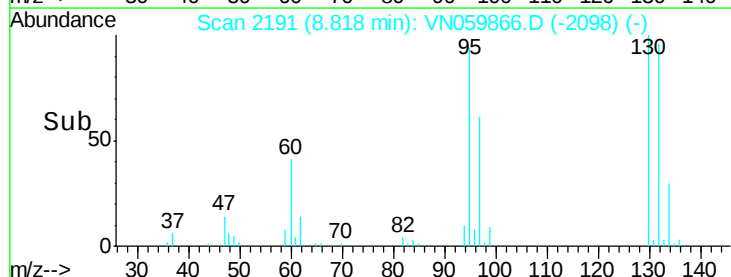
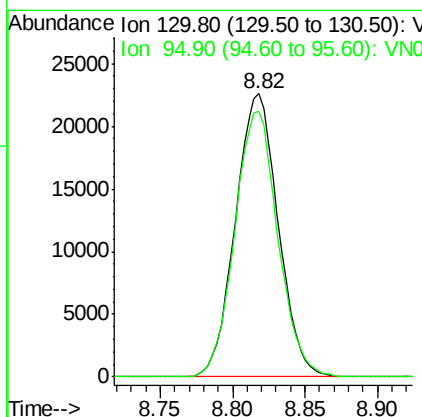
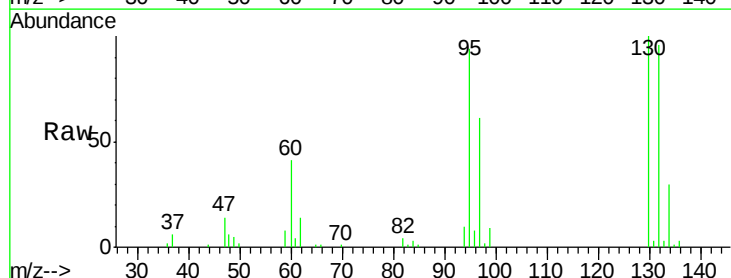
MMDadoda
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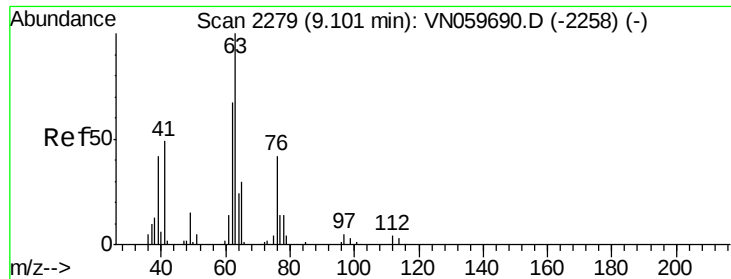


#44

Trichloroethene
 Concen: 21.933 ug/l
 RT: 8.82 min Scan# 2191
 Delta R.T. 0.00 min
 Lab File: VN059866.D
 Acq: 27 Jan 2020 12:42

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.9	0.0	207.0





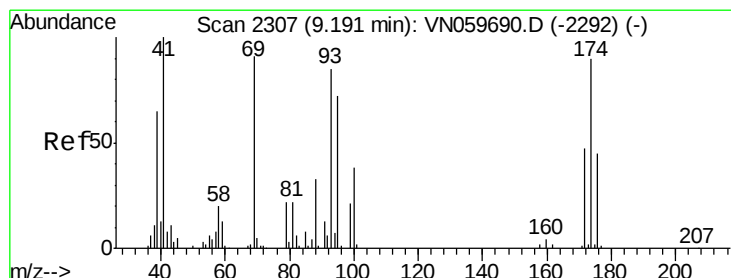
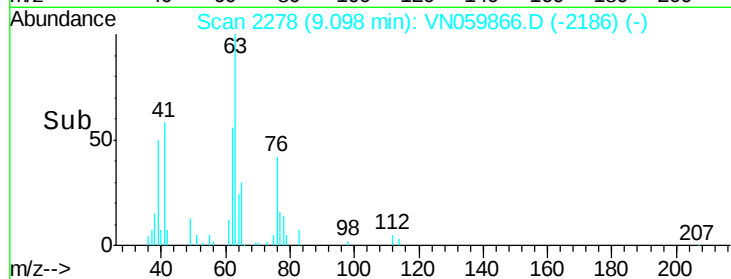
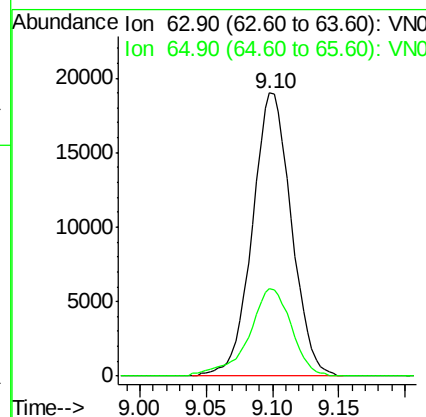
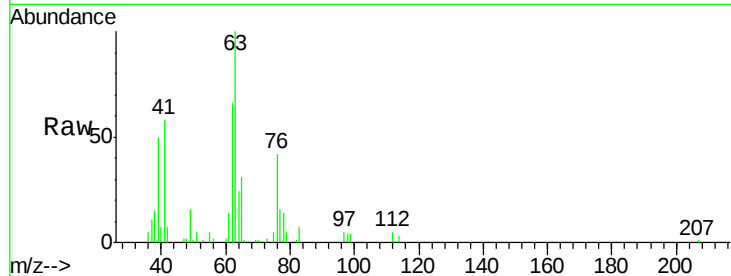
#45
 1,2-Dichloropropane
 Concen: 20.360 ug/l
 RT: 9.10 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: VN059866.D
 Acq: 27 Jan 2020 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127MBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	24.9	37.3

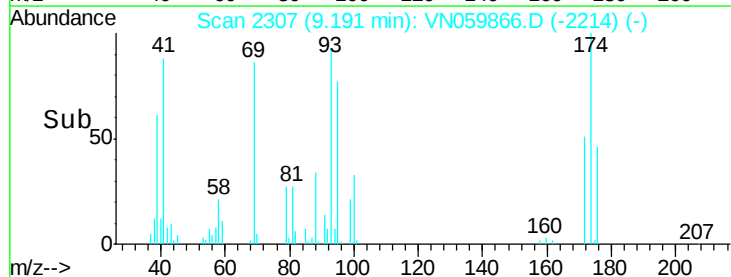
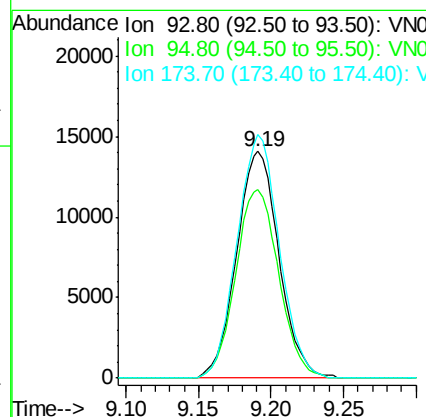
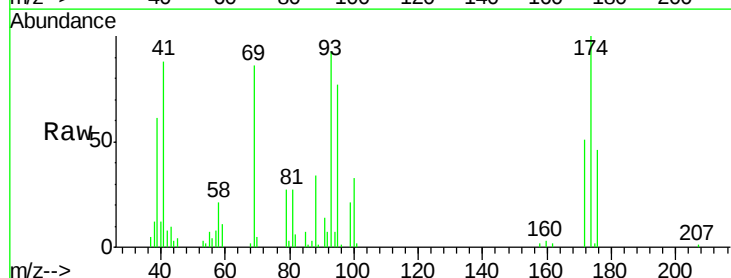
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#46
 Dibromomethane
 Concen: 21.216 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN059866.D
 Acq: 27 Jan 2020 12:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.5	67.0	100.6
174	106.8	73.4	110.2





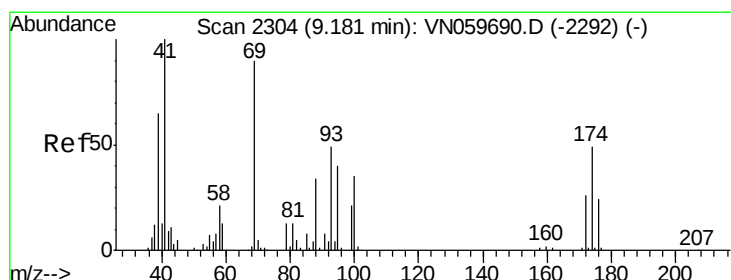
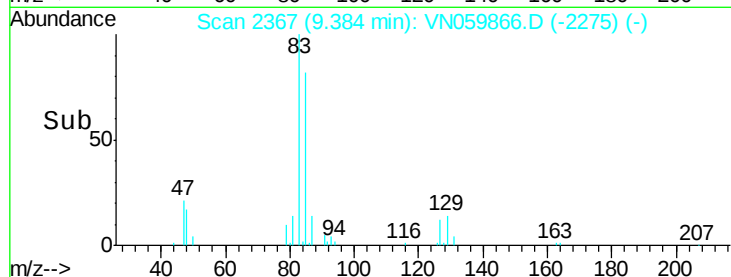
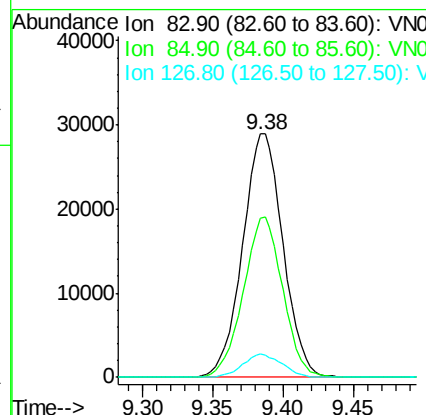
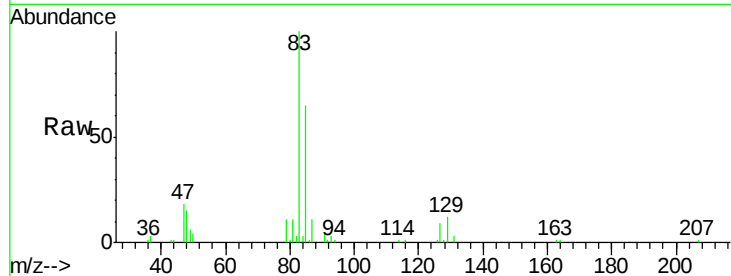
#47
Bromodichloromethane
Concen: 21.298 ug/l
RT: 9.38 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VN0127MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.1	76.7
127	9.4	6.6	9.8

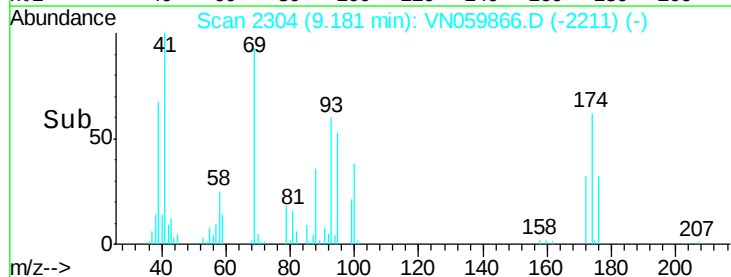
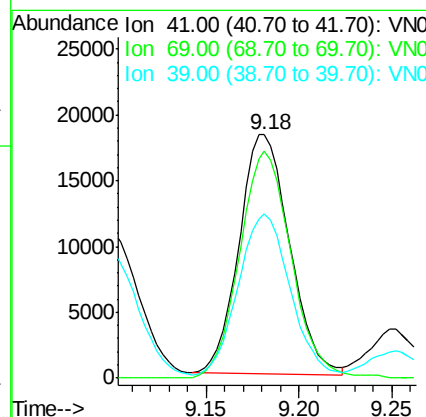
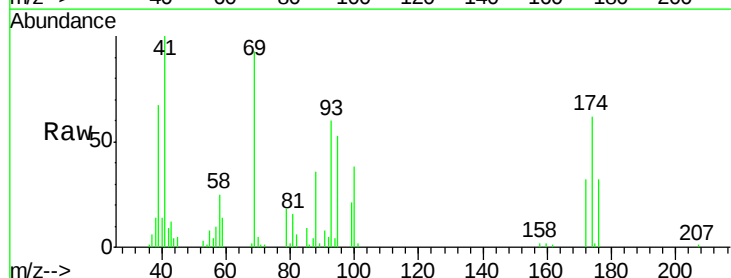
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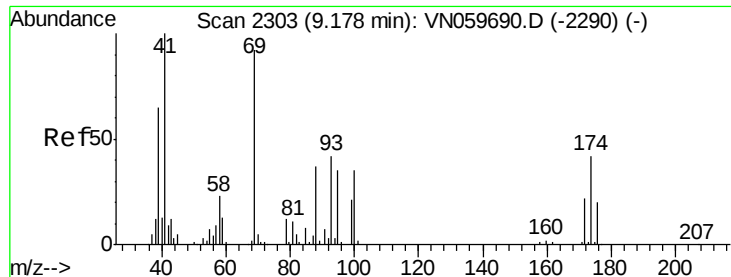
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#48
Methyl methacrylate
Concen: 18.502 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Tgt Ion	Ratio	Lower	Upper
41	100		
69	96.2	64.4	96.6
39	71.1	51.3	76.9





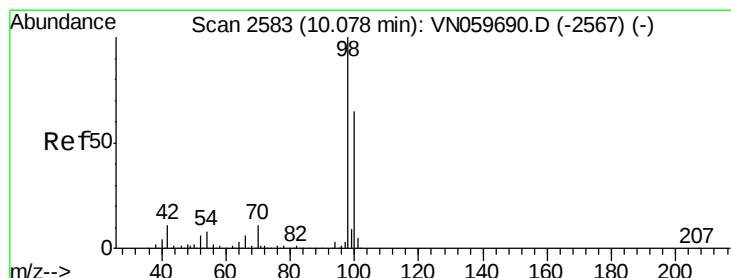
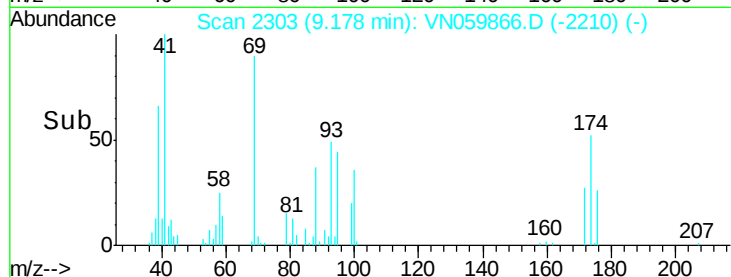
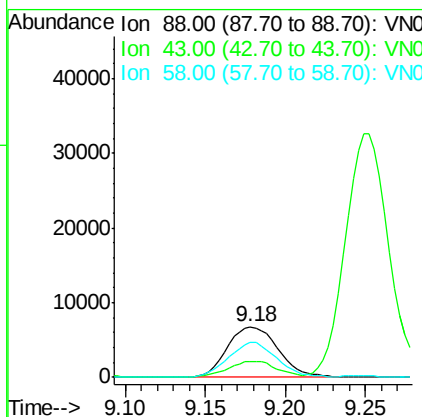
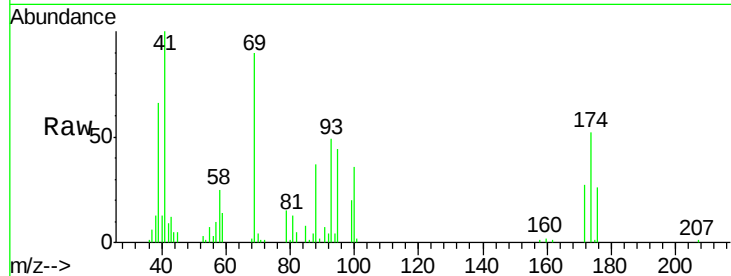
#49
1,4-Dioxane
Concen: 431.277 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VN0127MBS01

Tot Ion	88	Resp	14760
Ion Ratio	Lower	Upper	
88	100		
43	31.0	29.7	44.5
58	65.5	56.6	85.0

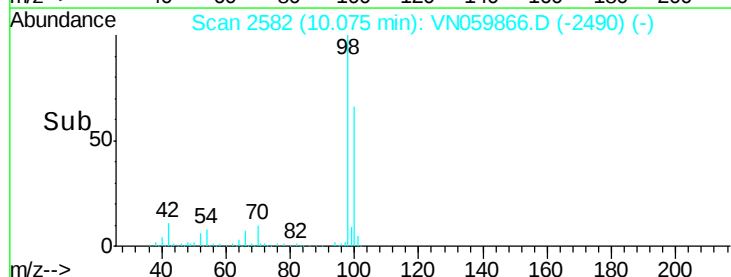
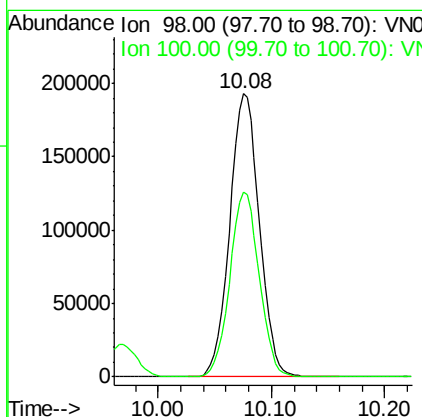
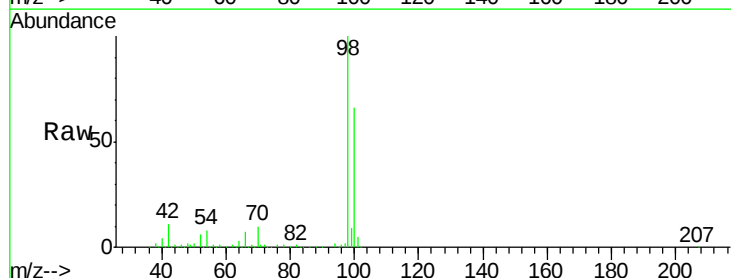
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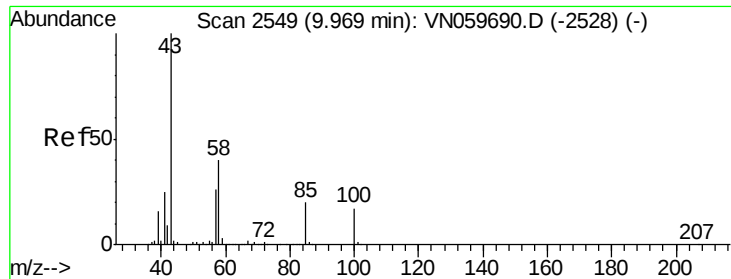
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#50
Toluene-d8
Concen: 51.113 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Tgt Ion	98	Resp	351348
Ion Ratio	Lower	Upper	
98	100		
100	64.8	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 96.149 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Instrument :

MSVOA_N

ClientSampleID :

VN0127MBS01

Tot Ion: 43 Resp: 232303

Ion Ratio Lower Upper

43 100

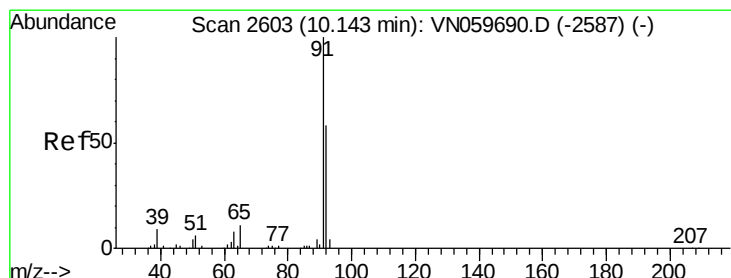
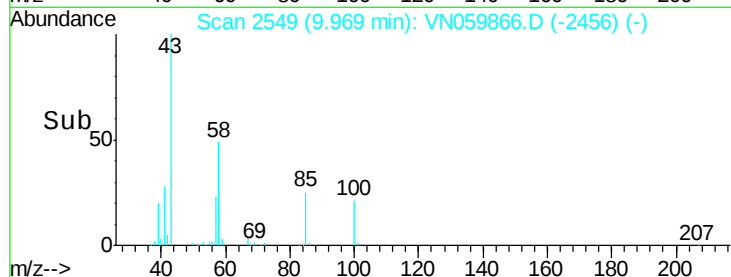
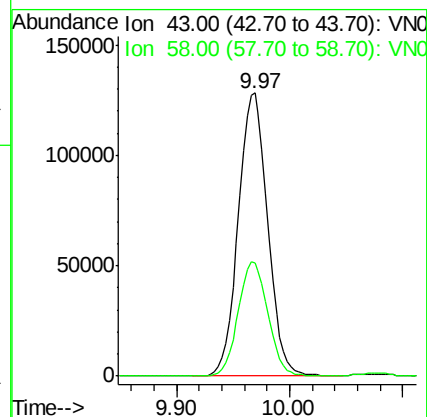
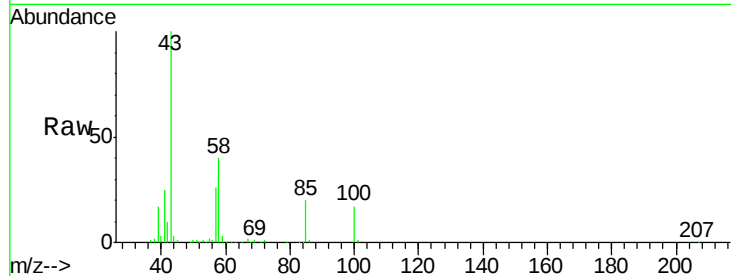
58 40.7 29.8 44.8

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#52

Toluene

Concen: 20.337 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN059866.D

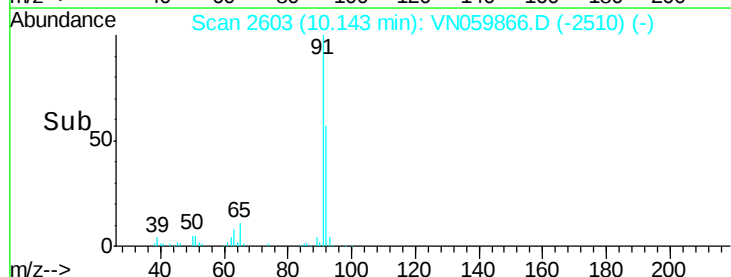
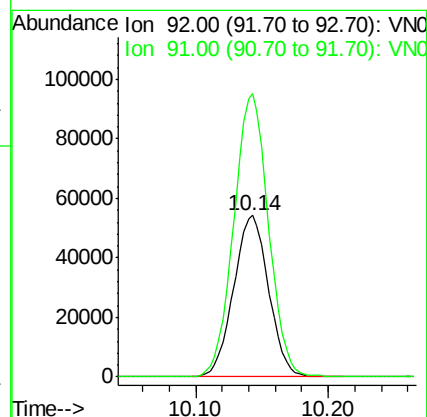
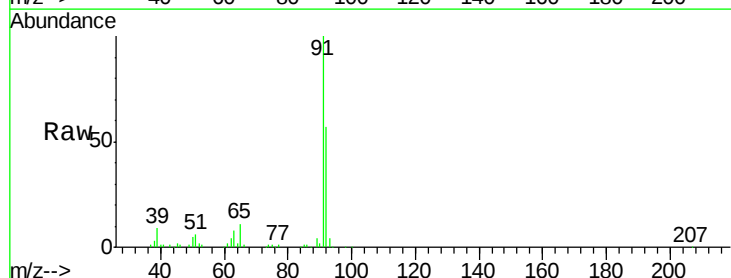
Acq: 27 Jan 2020 12:42

Tgt Ion: 92 Resp: 99254

Ion Ratio Lower Upper

92 100

91 174.0 140.4 210.6





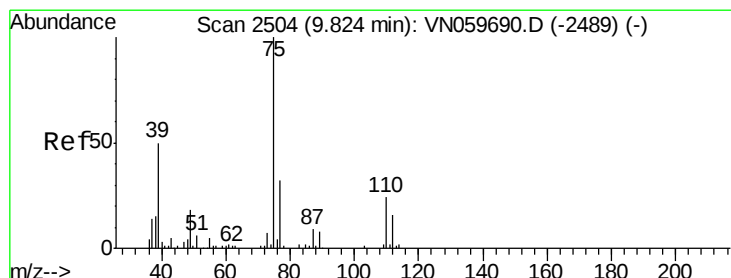
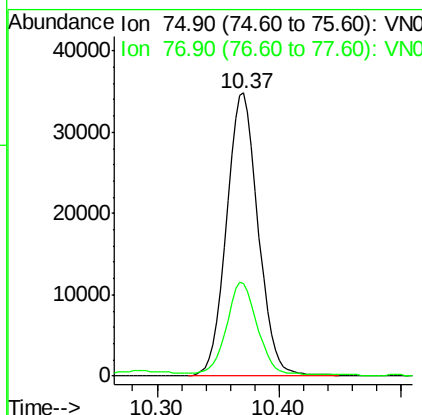
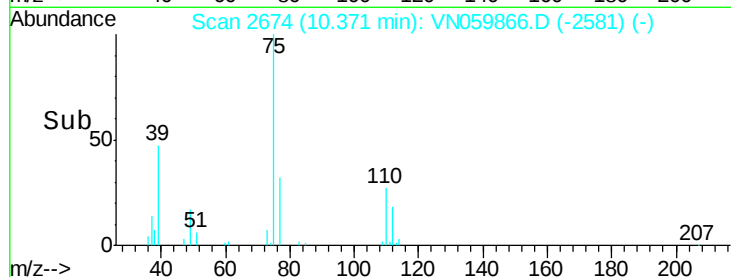
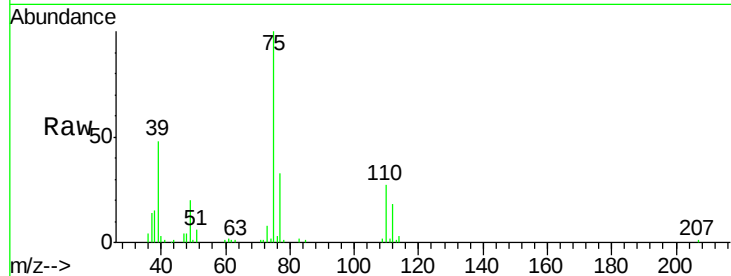
#53
t-1,3-Dichloropropene
Concen: 20.786 ug/l
RT: 10.37 min Scan# 2674
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VN0127MBS01

Tot Ion: 75 Resp: 63079
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.2

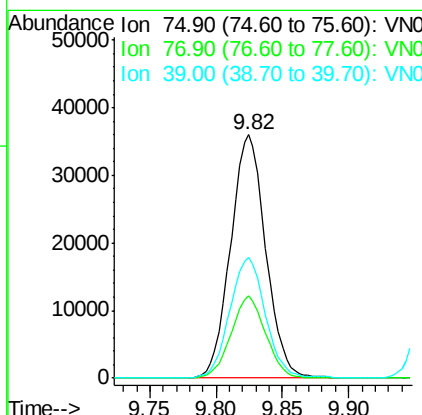
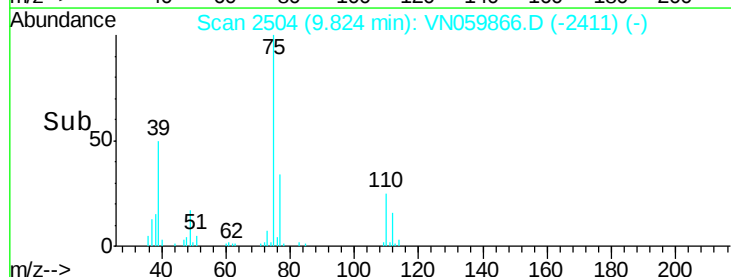
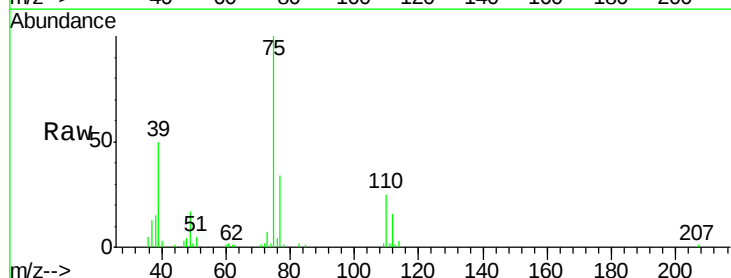
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#54
cis-1,3-Dichloropropene
Concen: 20.744 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Tgt Ion: 75 Resp: 66239
Ion Ratio Lower Upper
75 100
77 33.6 25.1 37.7
39 49.5 46.1 69.1





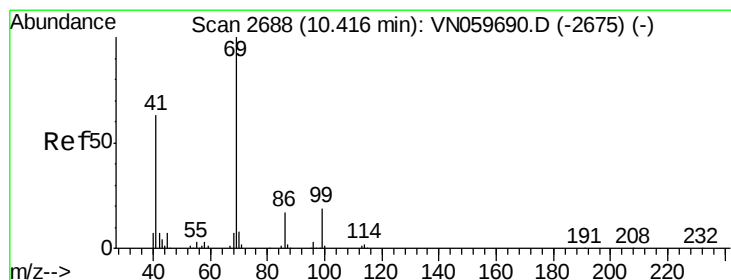
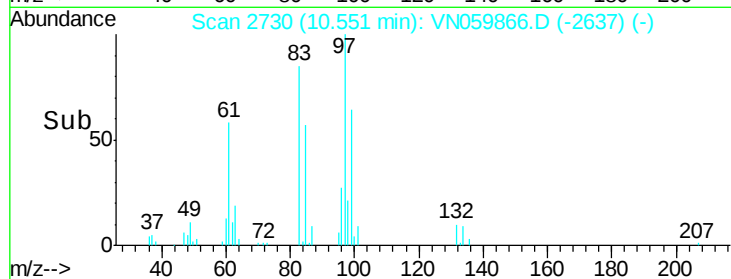
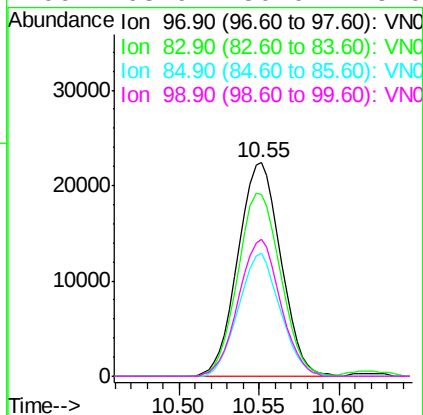
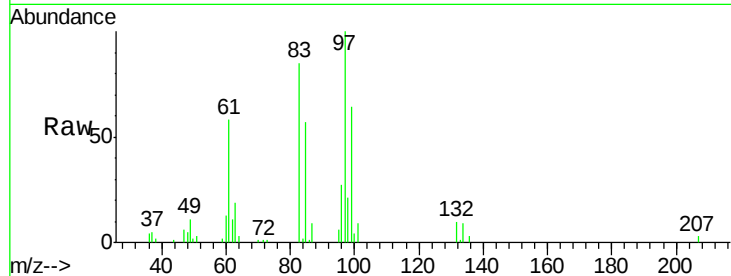
#55
 1,1,2-Trichloroethane
 Concen: 21.220 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN059866.D
 Acq: 27 Jan 2020 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127MBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.1	71.3	106.9
85	57.5	45.8	68.8
99	63.9	50.0	75.0

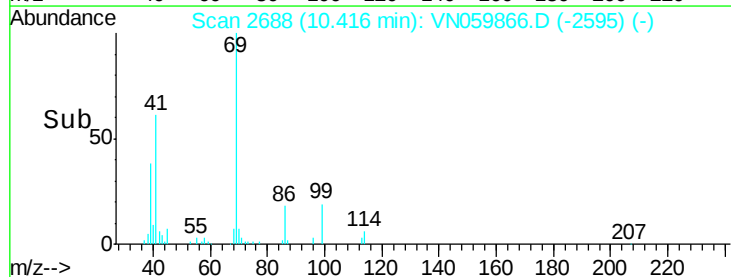
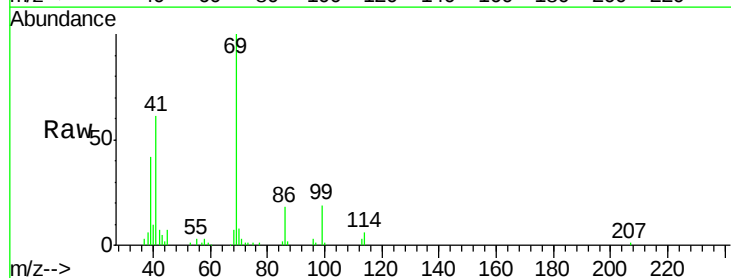
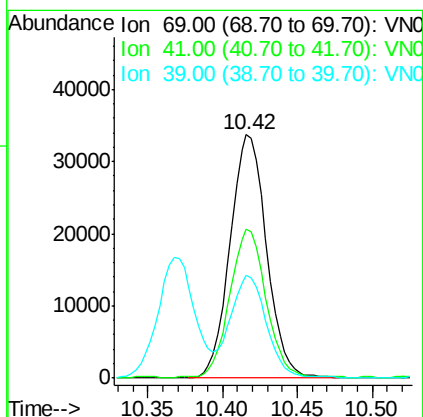
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#56
 Ethyl methacrylate
 Concen: 19.356 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN059866.D
 Acq: 27 Jan 2020 12:42

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.9	57.1	85.7
39	42.4	34.7	52.1





#57

1,3-Dichloropropane

Concen: 21.640 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

VN0127MBS01

Tot Ion: 76 Resp: 66409

Ion Ratio Lower Upper

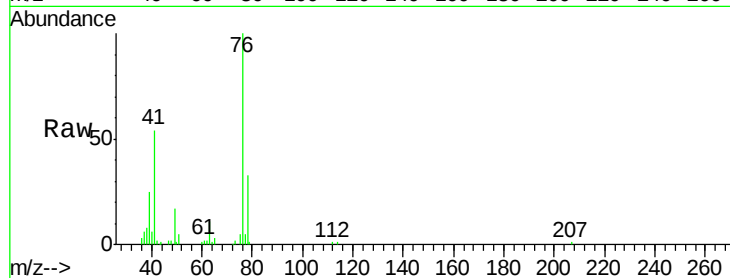
76 100

78 33.0 25.8 38.8

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Abundance Ion 75.90 (75.60 to 76.60): VN059866.D (-2682) (-)

Ion 77.90 (77.60 to 78.60): VN059866.D (-2682) (-)

10.70

40000

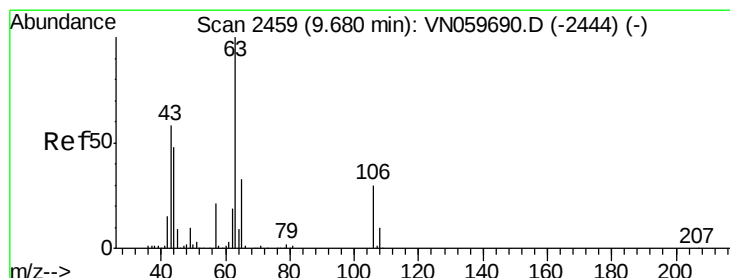
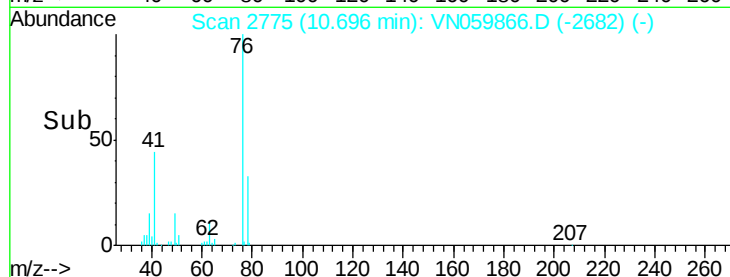
30000

20000

10000

0

Time--> 10.60 10.65 10.70 10.75



#58

2-Chloroethyl Vinyl ether

Concen: 106.669 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN059866.D

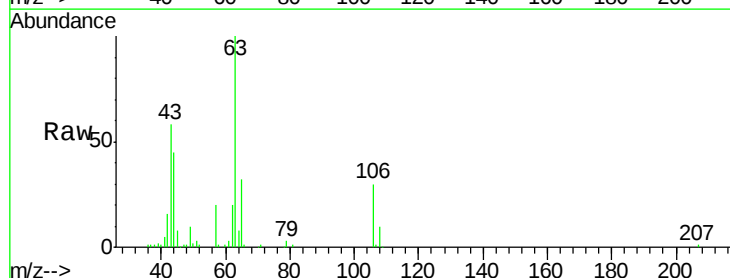
Acq: 27 Jan 2020 12:42

Tgt Ion: 63 Resp: 94895

Ion Ratio Lower Upper

63 100

106 29.9 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN059866.D (-2366) (-)

Ion 105.90 (105.60 to 106.60): VN059866.D (-2366) (-)

9.68

60000

50000

40000

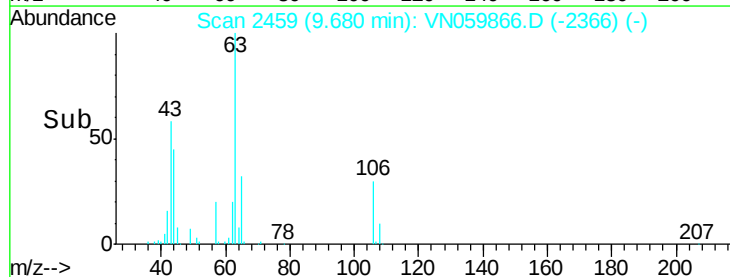
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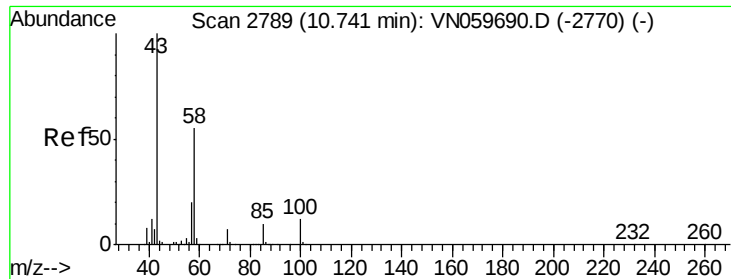
20000

10000

0

Time--> 9.60 9.65 9.70 9.75 9.80





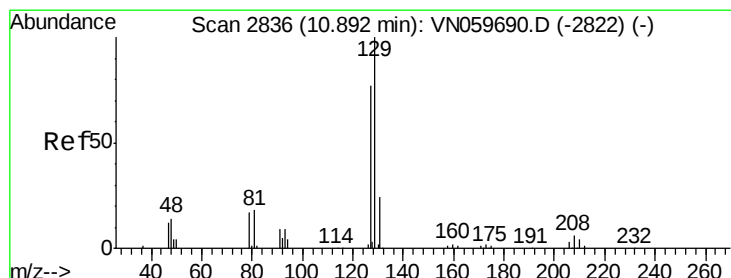
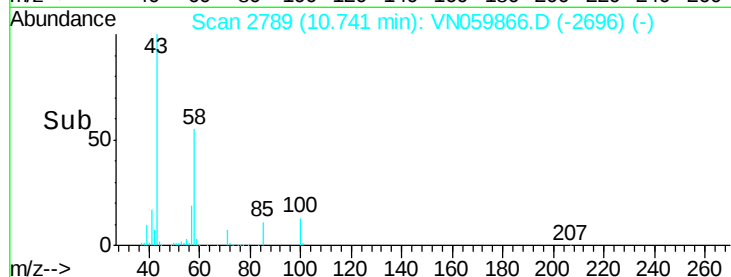
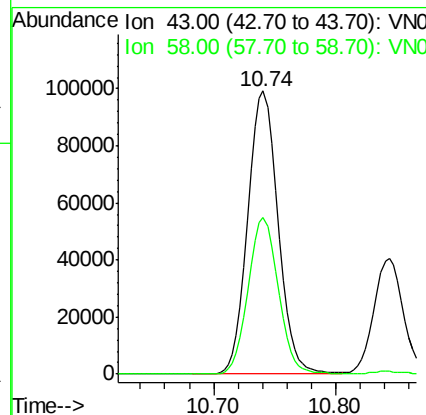
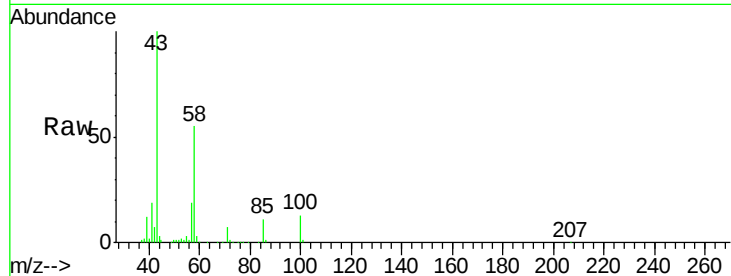
#59
2-Hexanone
Concen: 95.345 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VN0127MBS01

Tot Ion: 43 Resp: 169708
Ion Ratio Lower Upper
43 100
58 55.0 25.8 77.3

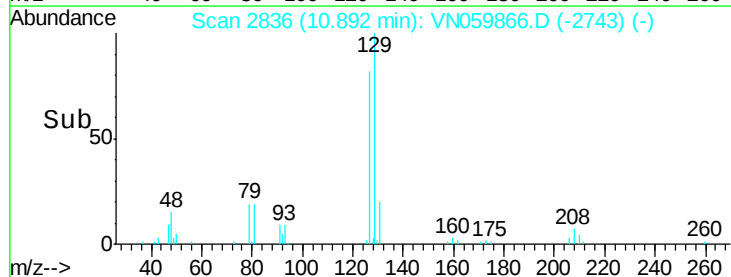
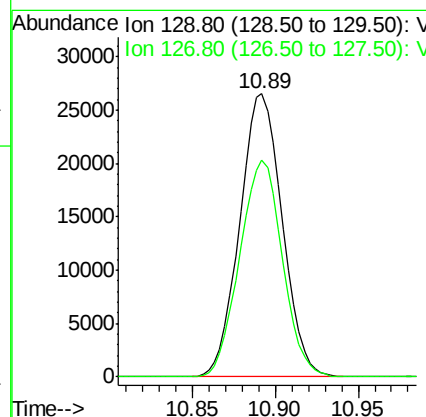
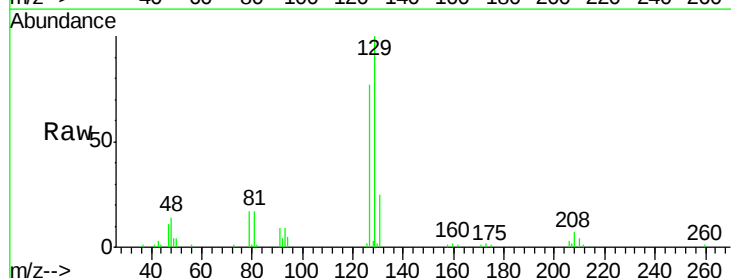
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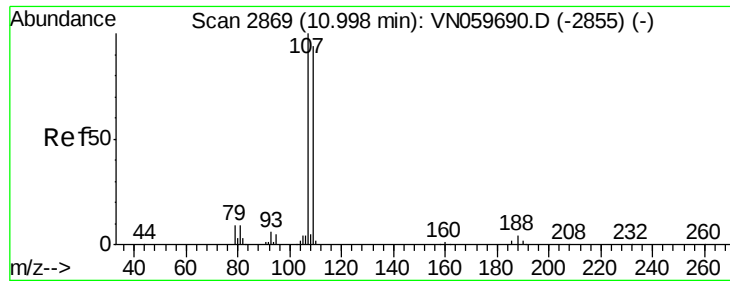
MMDadoda
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#60
Dibromochloromethane
Concen: 21.516 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Tgt Ion: 129 Resp: 47361
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5





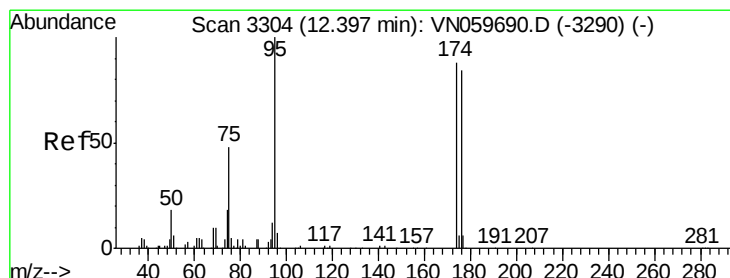
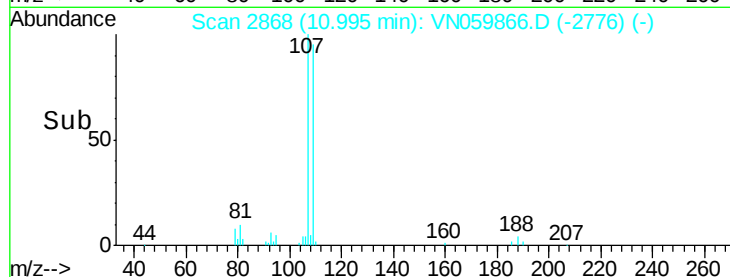
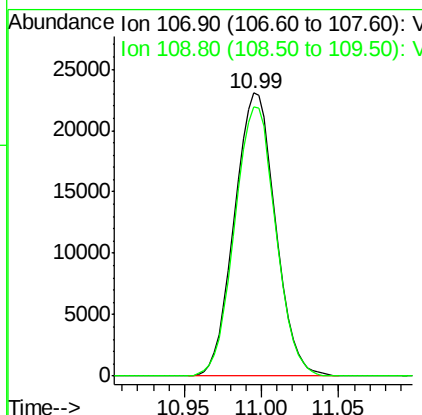
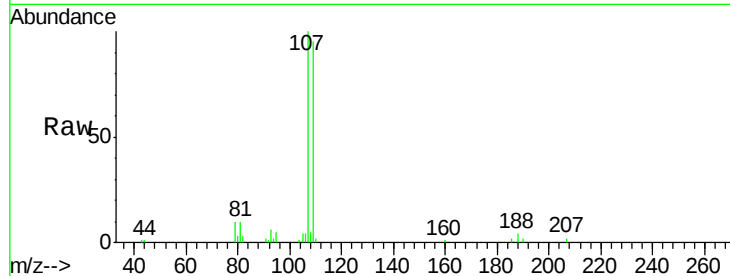
#61
 1,2-Dibromoethane
 Concen: 20.971 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN059866.D
 Acq: 27 Jan 2020 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127MBS01

Tot Ion: 107 Resp: 42487
 Ion Ratio Lower Upper
 107 100
 109 95.1 76.6 115.0

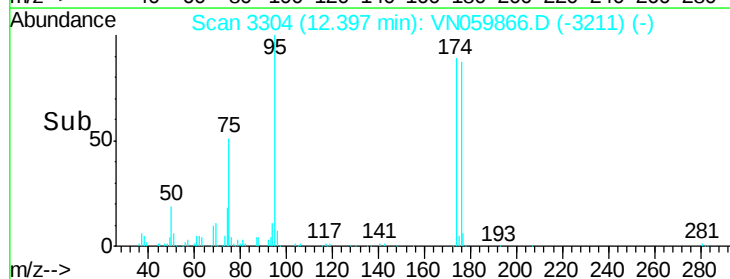
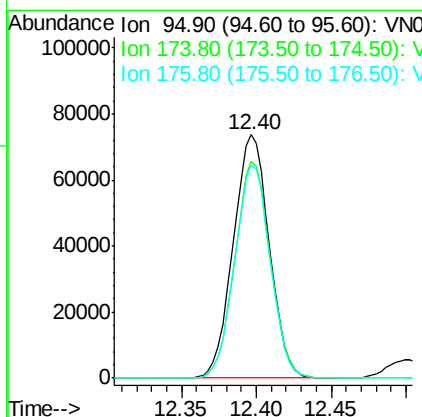
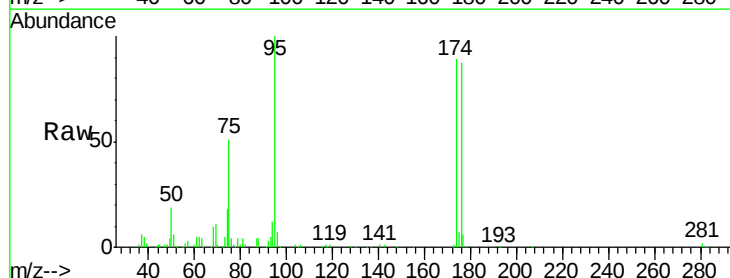
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#62
 4-Bromofluorobenzene
 Concen: 49.706 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN059866.D
 Acq: 27 Jan 2020 12:42

Tgt Ion: 95 Resp: 123174
 Ion Ratio Lower Upper
 95 100
 174 87.9 0.0 151.4
 176 86.7 0.0 146.0





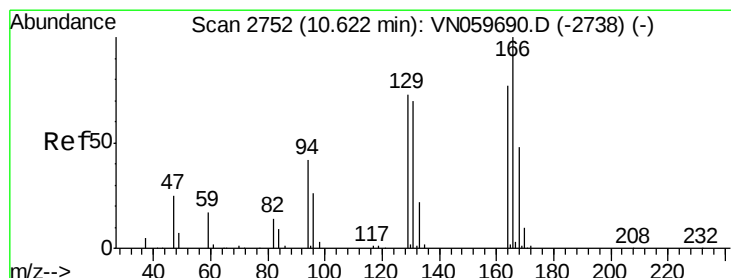
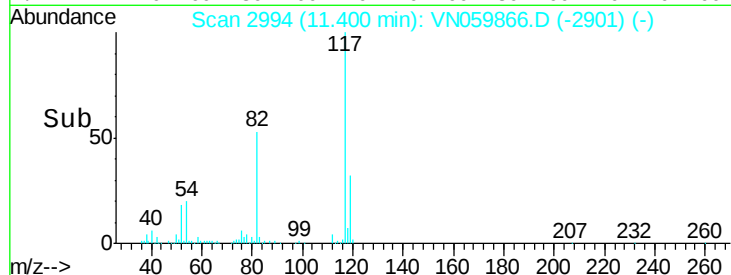
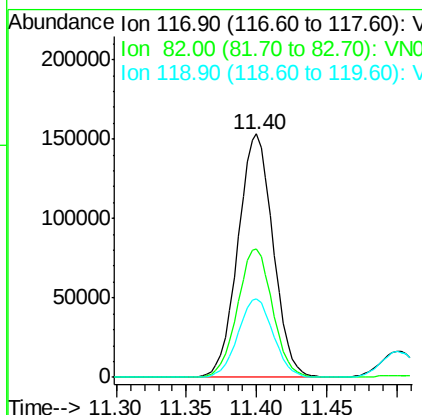
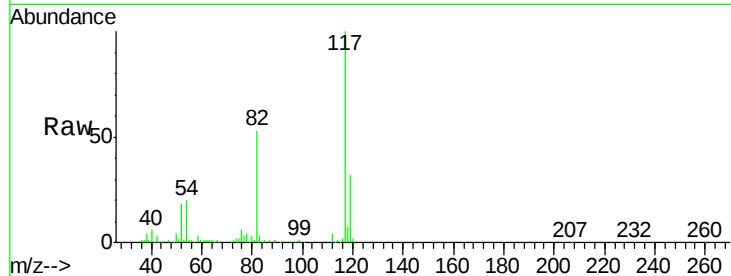
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VN0127MBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	266971		
82	53.0		45.9	68.9
119	32.5		25.5	38.3

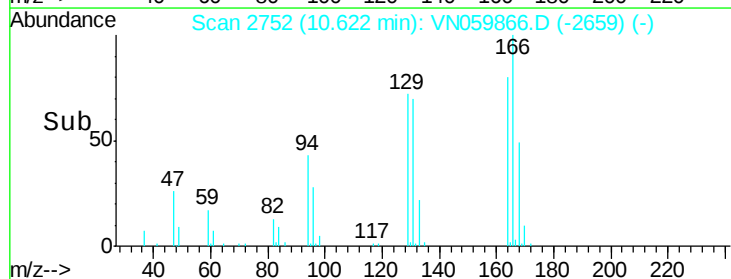
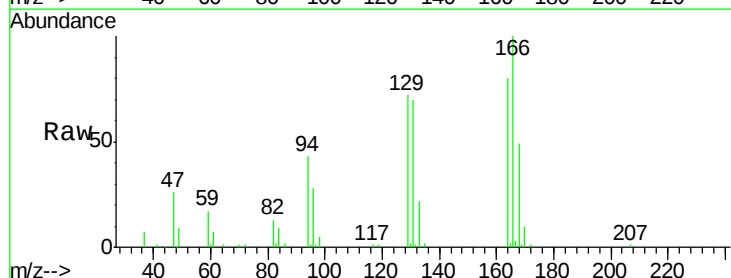
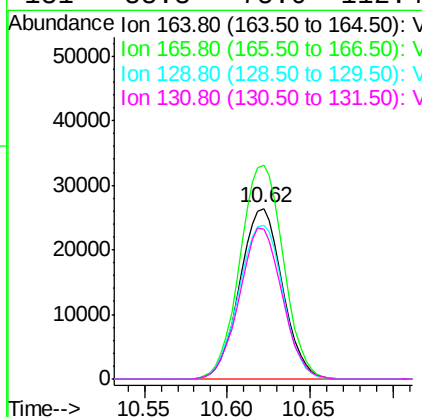
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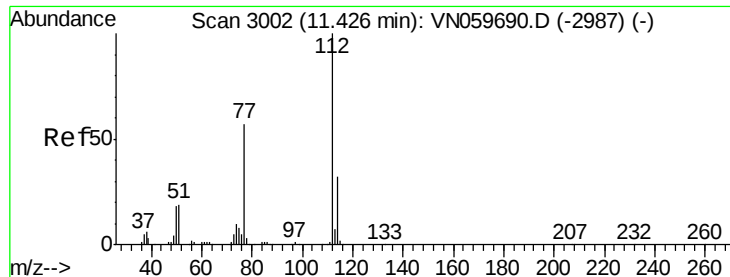
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#64
Tetrachloroethene
Concen: 21.801 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	47436		
166	125.4		101.4	152.0
129	90.5		80.2	120.4
131	88.3		75.0	112.4





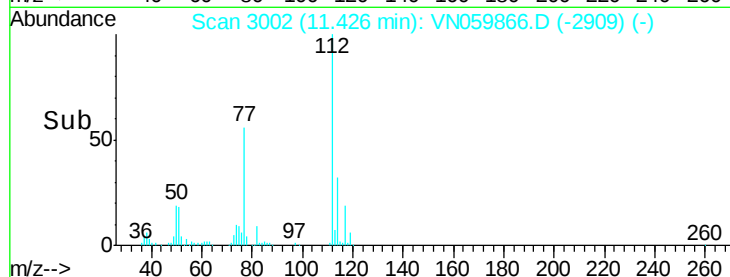
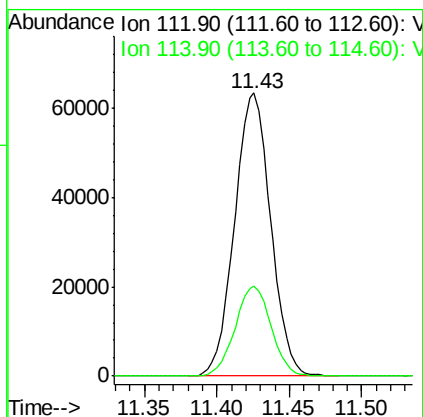
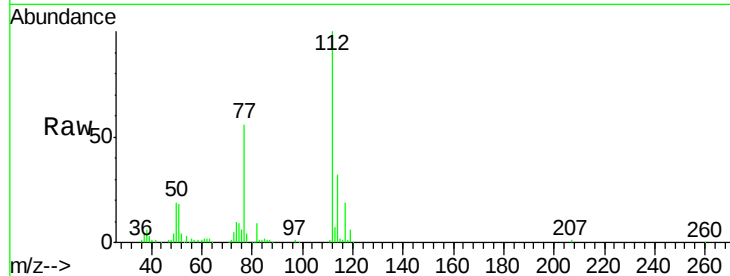
#65
Chlorobenzene
Concen: 20.850 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VN0127MBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.8	38.8

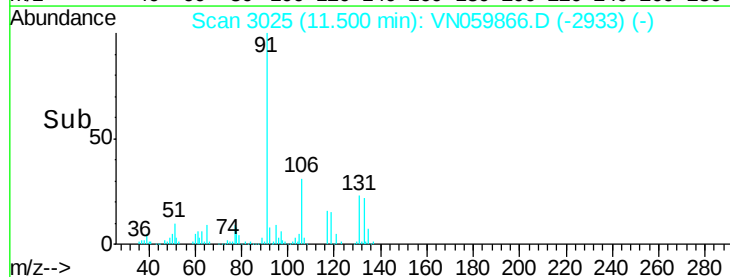
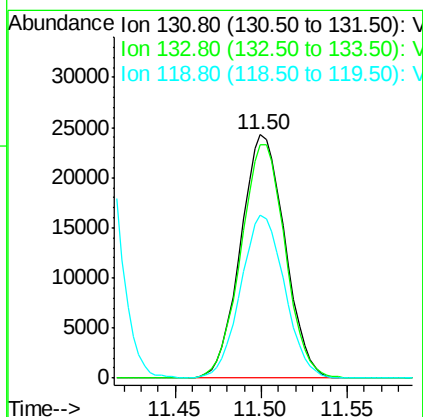
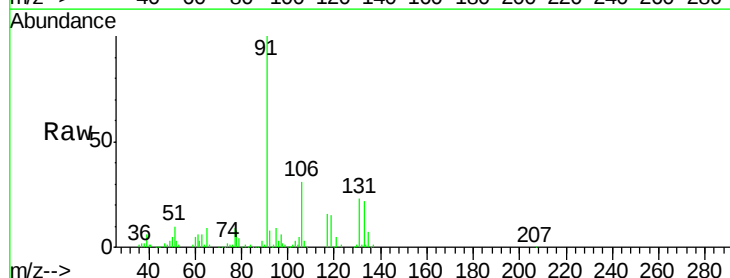
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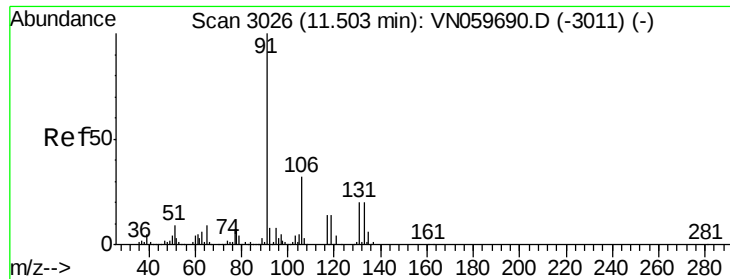
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.407 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.8	47.4	142.2
119	66.4	33.1	99.3





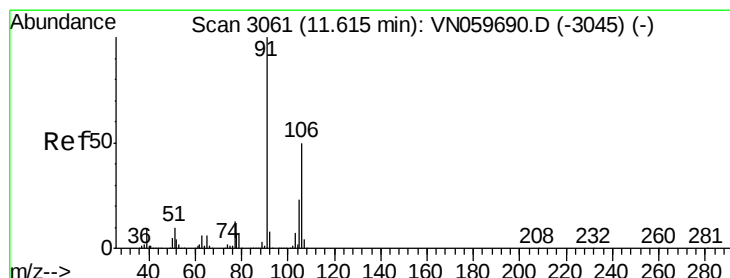
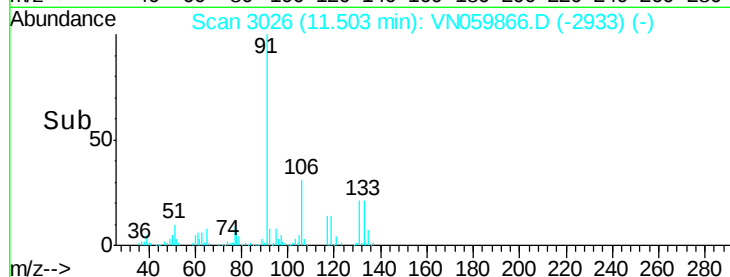
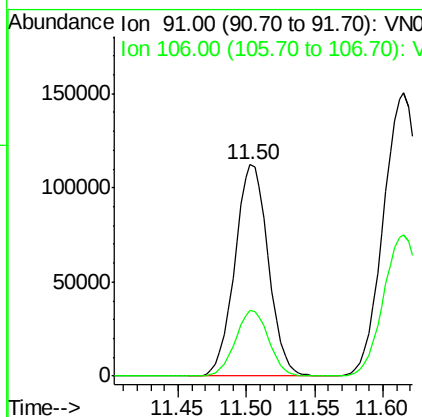
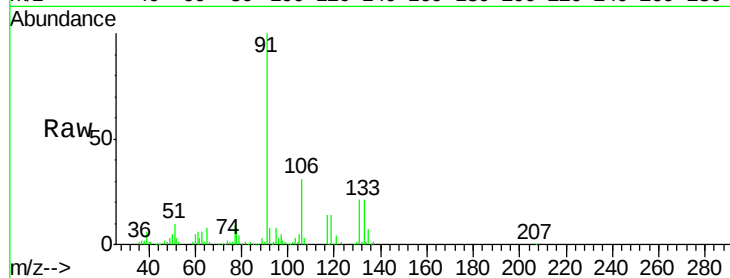
#67
Ethyl Benzene
Concen: 20.027 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VN0127MBS01

Tot Ion: 91 Resp: 190773
Ion Ratio Lower Upper
91 100
106 31.0 24.1 36.1

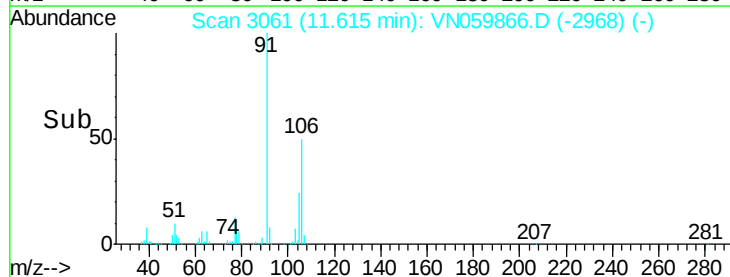
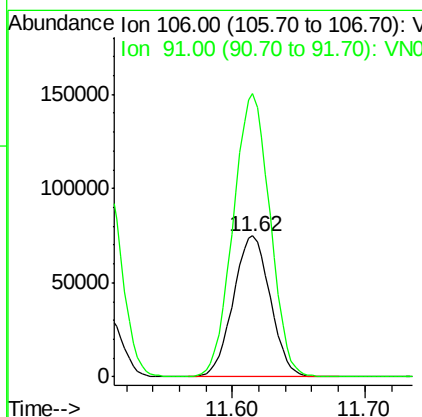
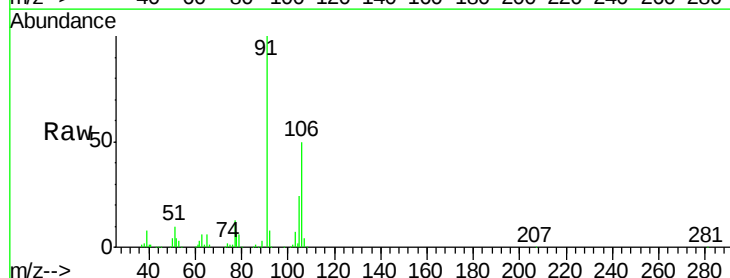
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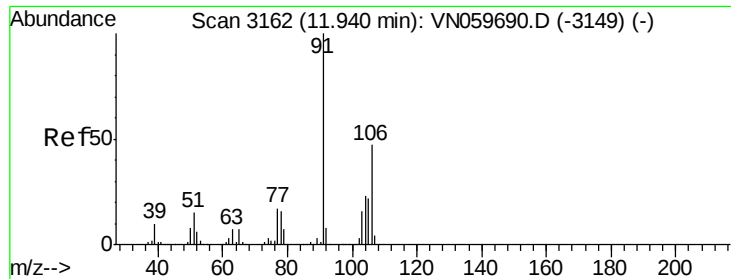
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#68
m/p-Xylenes
Concen: 40.296 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Tgt Ion: 106 Resp: 144994
Ion Ratio Lower Upper
106 100
91 199.8 167.9 251.9





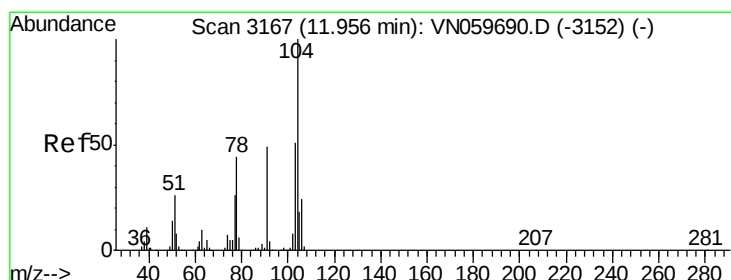
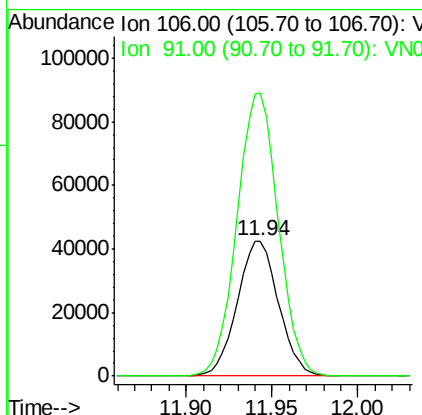
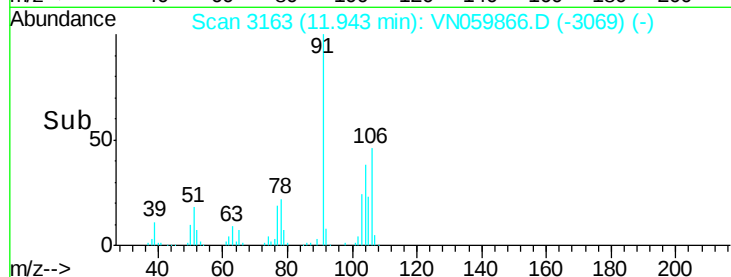
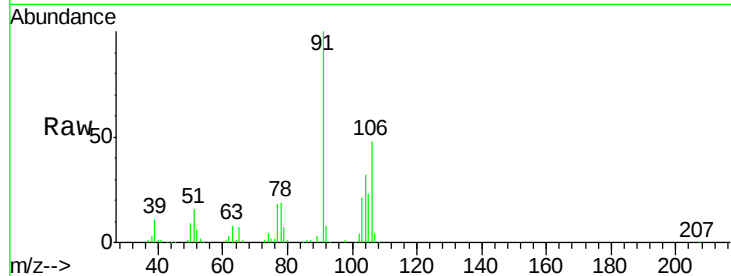
#69
o-Xylene
Concen: 20.083 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Instrument :
MSVOA_N
ClientSampled :
VN0127MBS01

Tot Ion:106 Resp: 70746
Ion Ratio Lower Upper
106 100
91 210.6 110.3 330.9

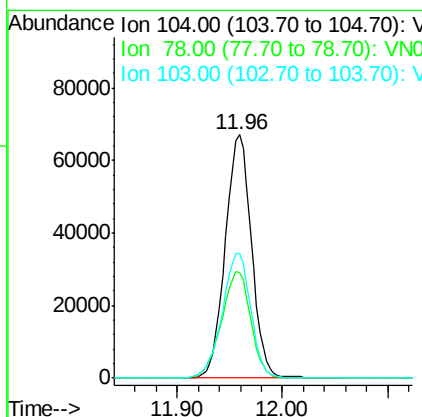
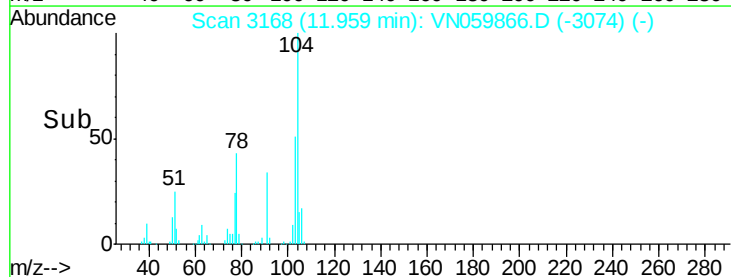
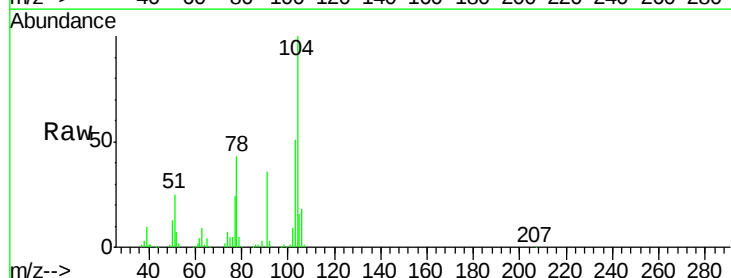
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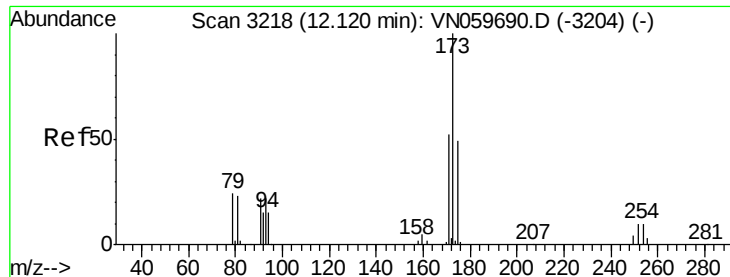
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#70
Styrene
Concen: 19.591 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Tgt Ion:104 Resp: 115484
Ion Ratio Lower Upper
104 100
78 48.7 42.4 63.6
103 55.5 43.9 65.9





#71

Bromoform

Concen: 21.556 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

VN0127MBS01

Tot Ion:173 Resp: 35009

Ion Ratio Lower Upper

173 100

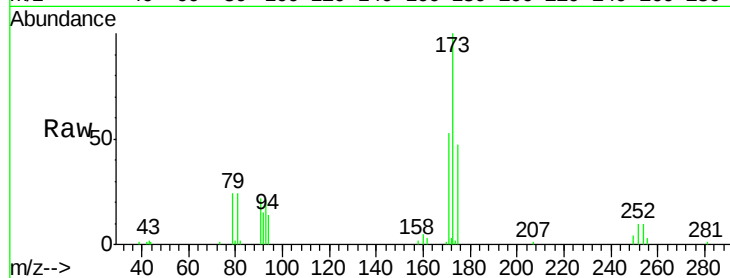
175 47.9 23.8 71.4

254 0.0 0.0 0.0

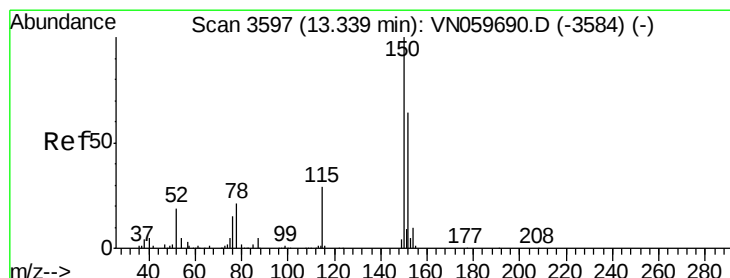
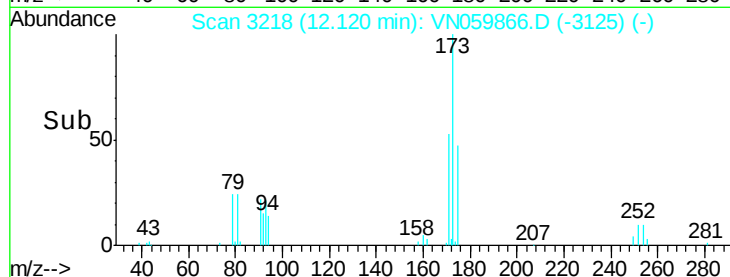
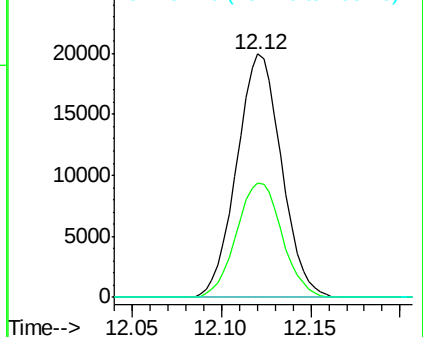
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

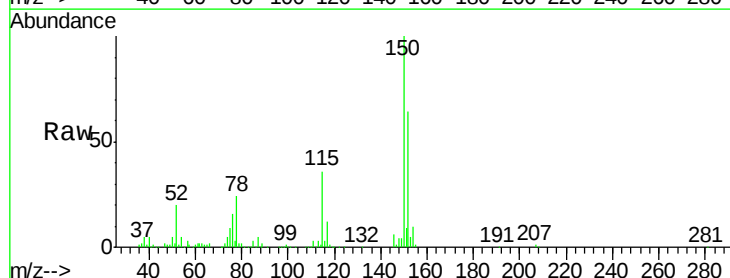
Tgt Ion:152 Resp: 126725

Ion Ratio Lower Upper

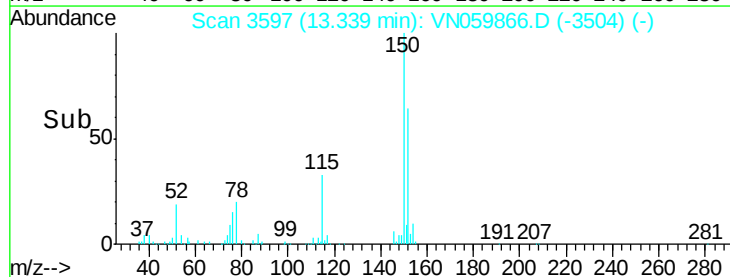
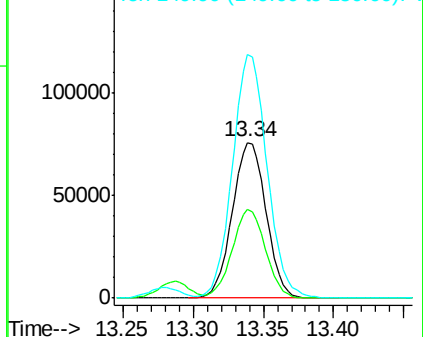
152 100

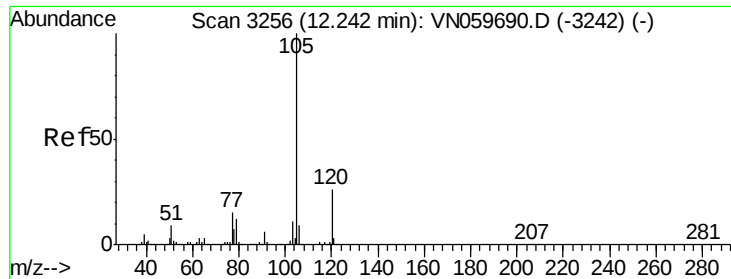
115 56.1 30.3 90.9

150 160.3 0.0 345.2



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





#73

Isopropylbenzene

Concen: 20.306 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

VN0127MBS01

Tot Ion: 105 Resp: 188719

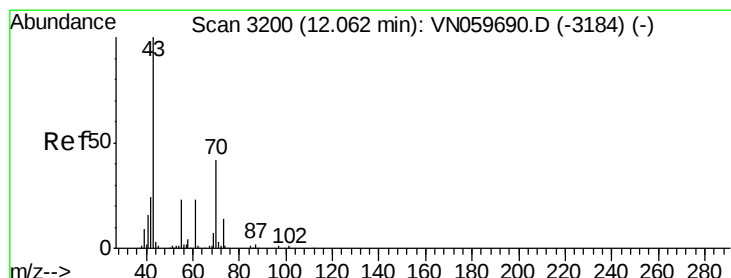
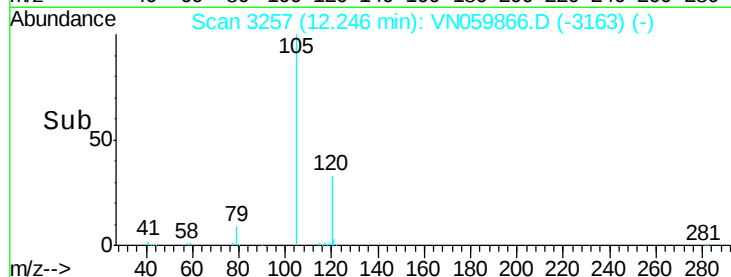
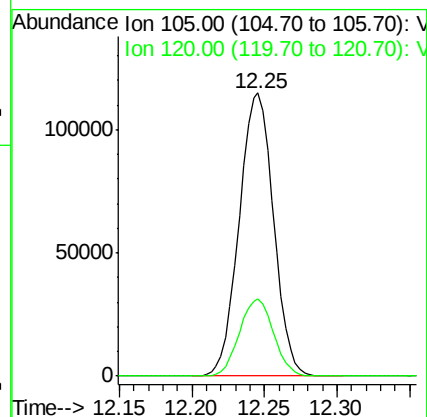
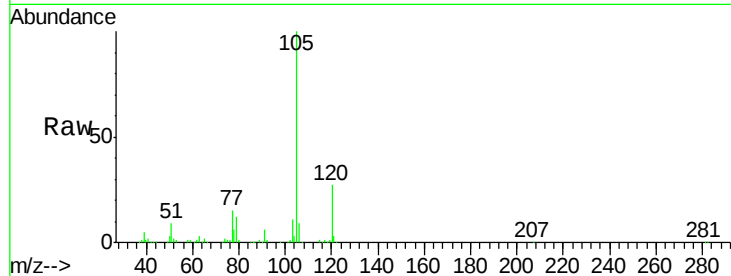
Ion Ratio Lower Upper

105 100

120 27.1 13.2 39.5

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#74

N-ethyl acetate

Concen: 18.203 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Tgt Ion: 43 Resp: 65645

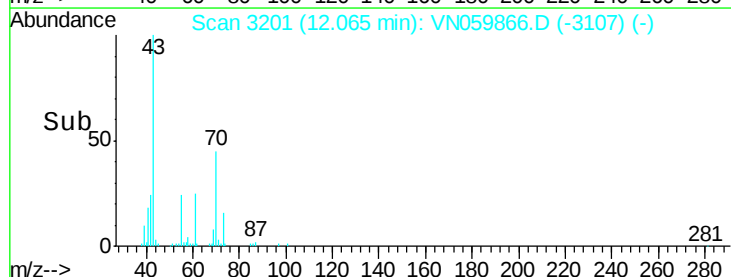
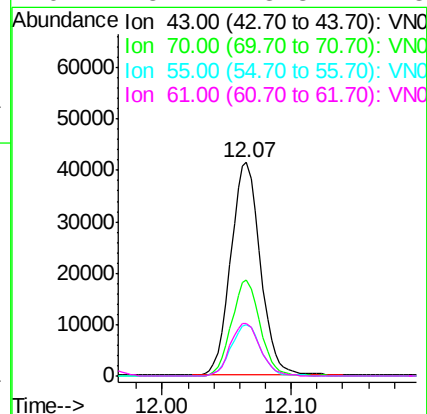
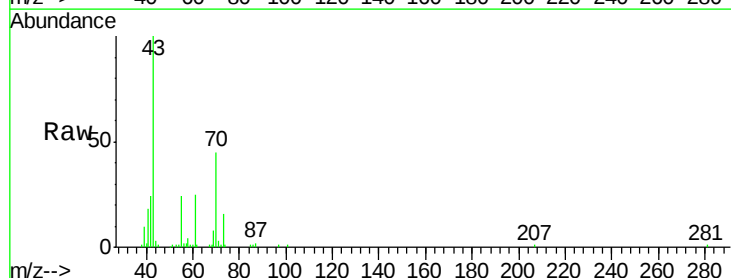
Ion Ratio Lower Upper

43 100

70 43.7 31.3 46.9

55 24.3 19.8 29.6

61 25.1 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.211 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Instrument :

MSVOA_N

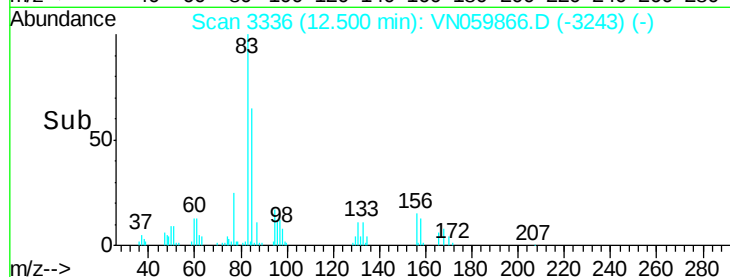
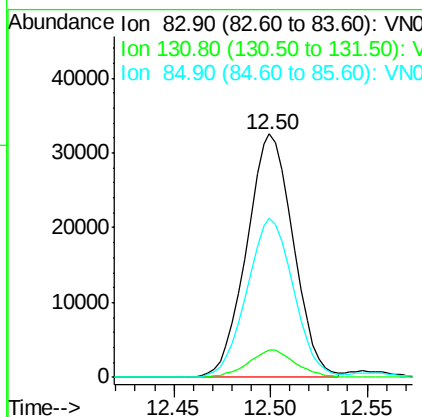
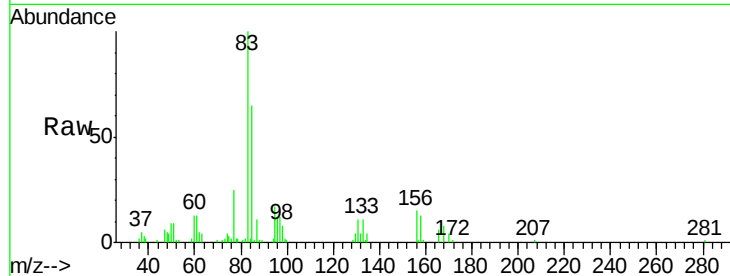
ClientSampleId :

VN0127MBS01

Tot Ion:	83	Resp:	54456
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.0	14.9
85	65.4	31.9	95.5

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#76

1,2,3-Trichloropropane

Concen: 22.464 ug/l m

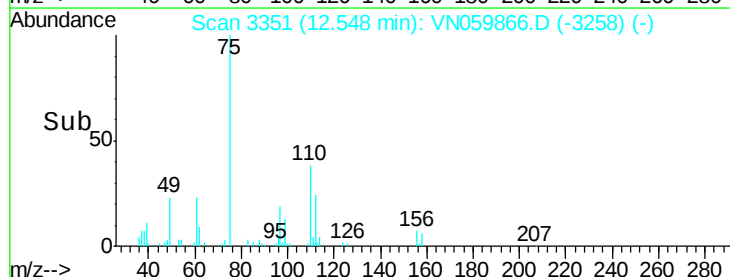
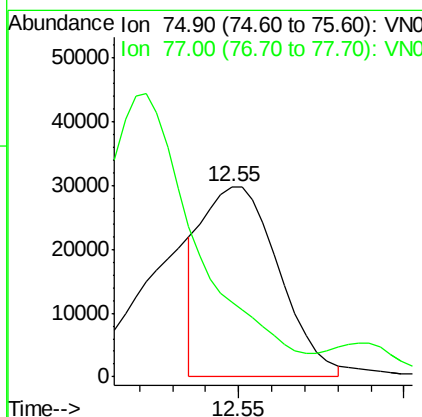
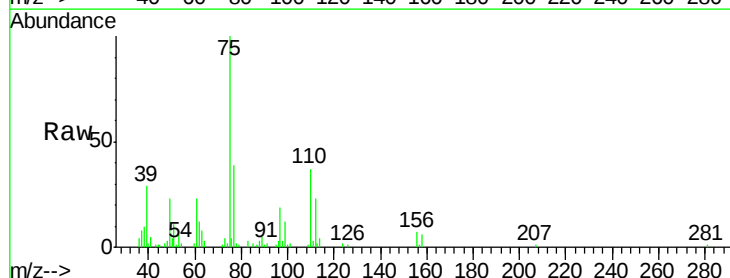
RT: 12.55 min Scan# 3351

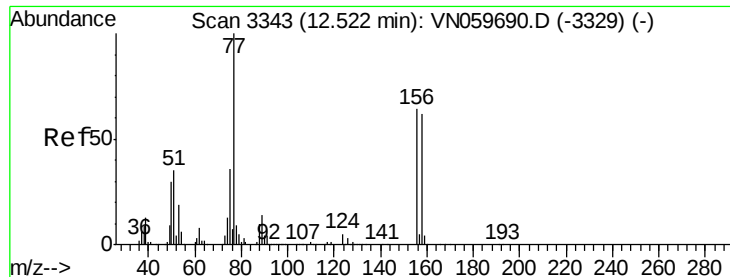
Delta R.T. 0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Tgt Ion:	75	Resp:	47907
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.426 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Instrument :

MSVOA_N

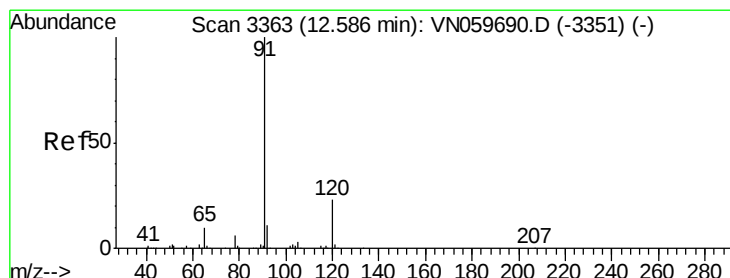
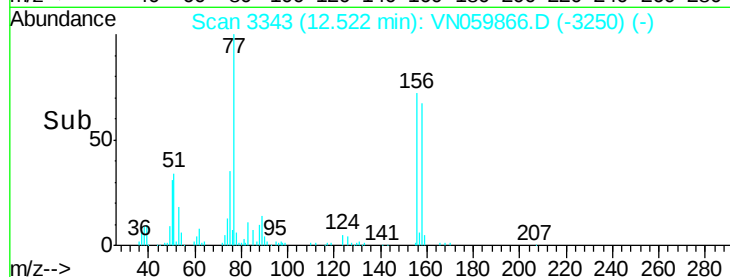
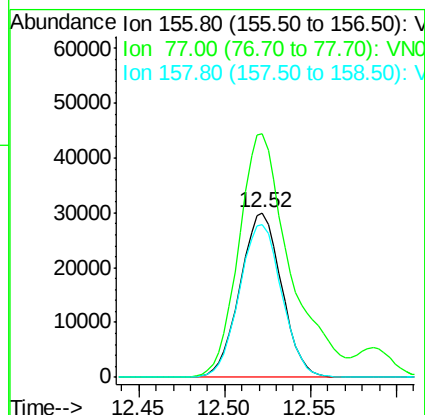
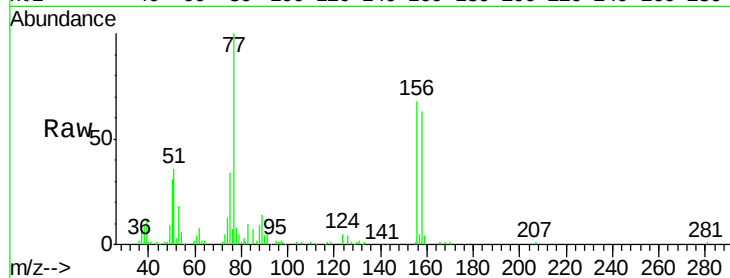
ClientSampleId :

VN0127MBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	182.1	115.8	347.4
158	95.0	49.2	147.6

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#78

n-propylbenzene

Concen: 20.075 ug/l

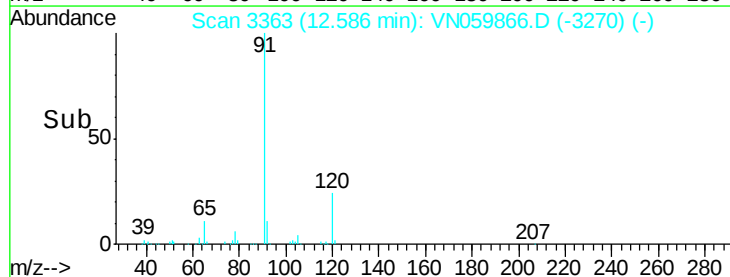
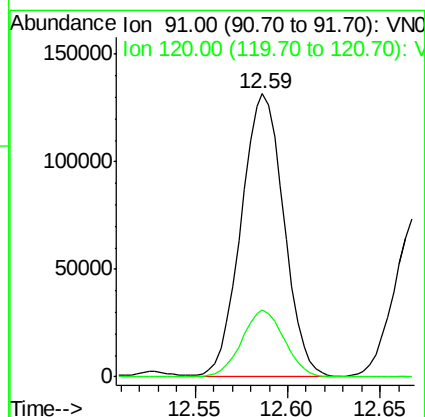
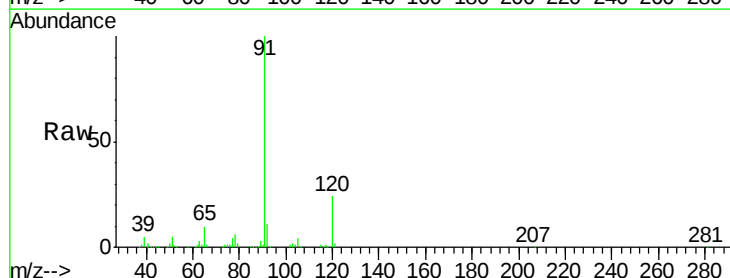
RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.1	33.3





#79

2-Chlorotoluene

Concen: 20.387 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

VN0127MBS01

Tot Ion: 91 Resp: 126518

Ion Ratio Lower Upper

91 100

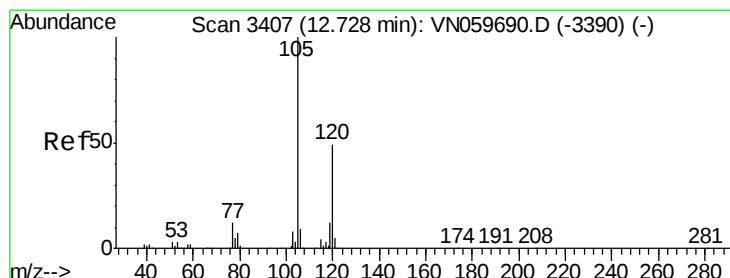
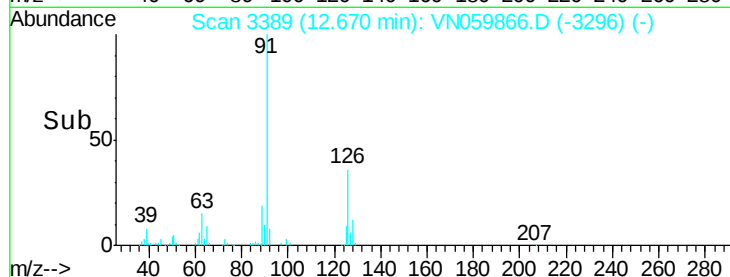
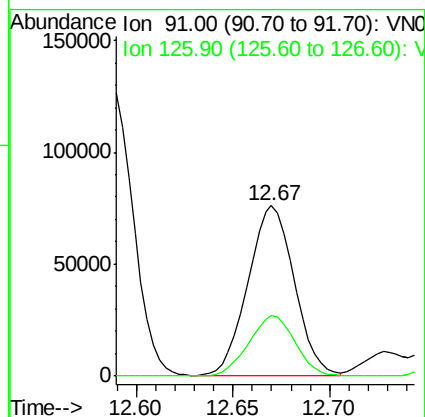
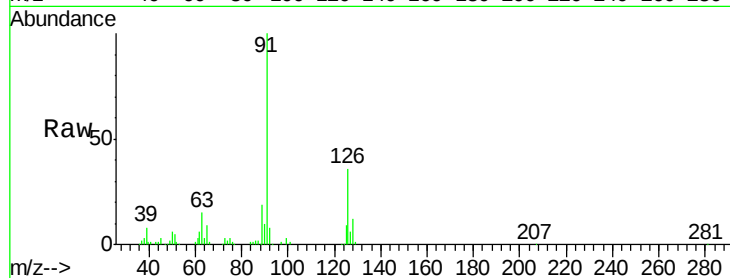
126 35.8 16.3 48.9

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#80

1,3,5-Trimethylbenzene

Concen: 20.340 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN059866.D

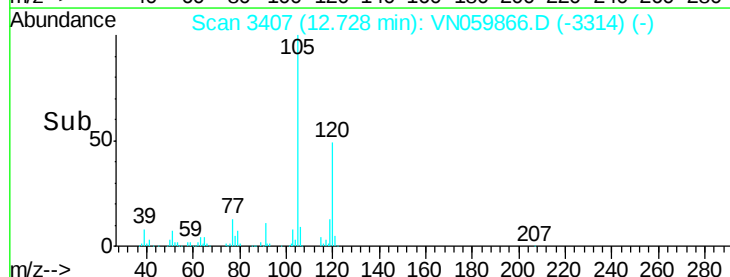
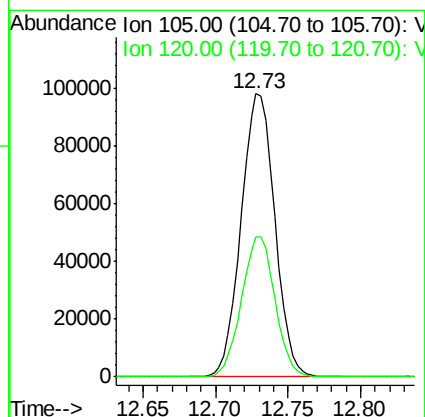
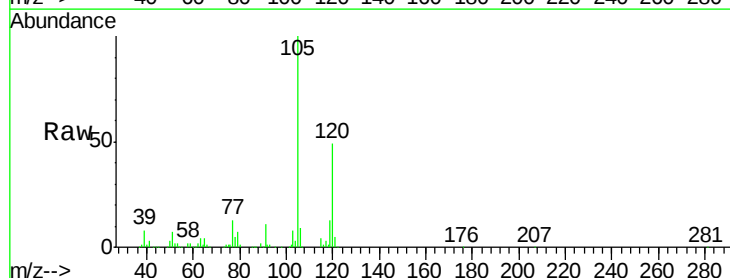
Acq: 27 Jan 2020 12:42

Tgt Ion: 105 Resp: 158981

Ion Ratio Lower Upper

105 100

120 49.0 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 19.700 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Instrument :

MSVOA_N

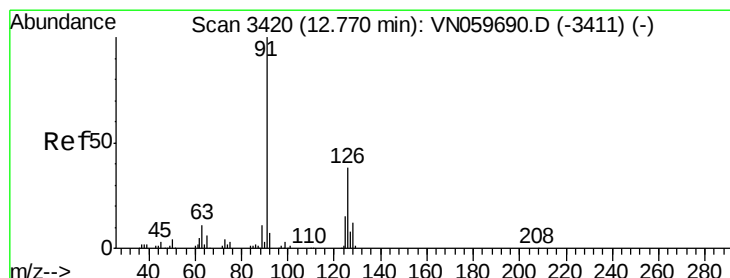
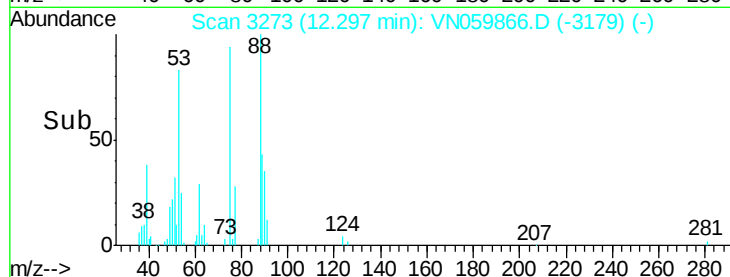
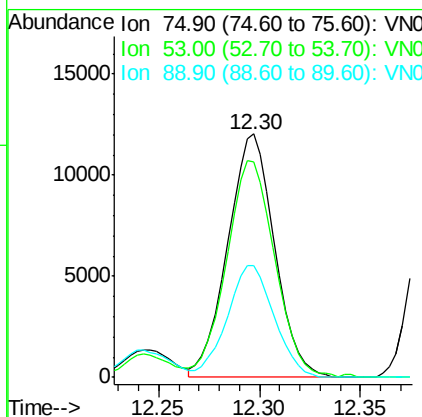
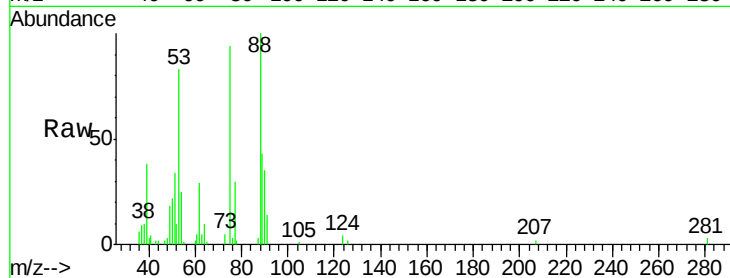
ClientSampleId :

VN0127MBS01

Tot Ion:	75	Resp:	19564
Ion	Ratio	Lower	Upper
75	100		
53	92.3	78.1	117.1
89	45.8	35.4	53.2

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#82

4-Chlorotoluene

Concen: 20.397 ug/l

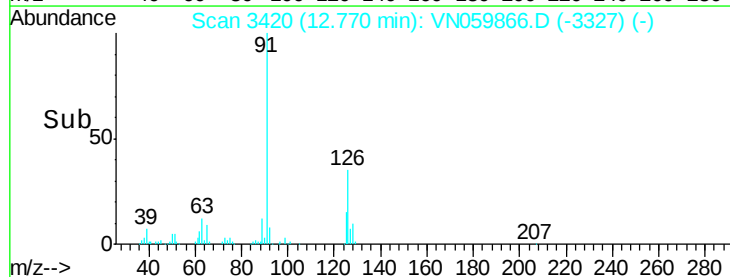
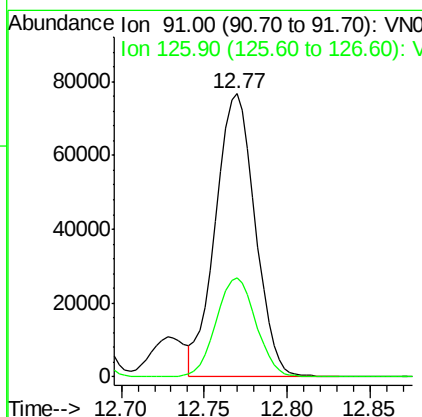
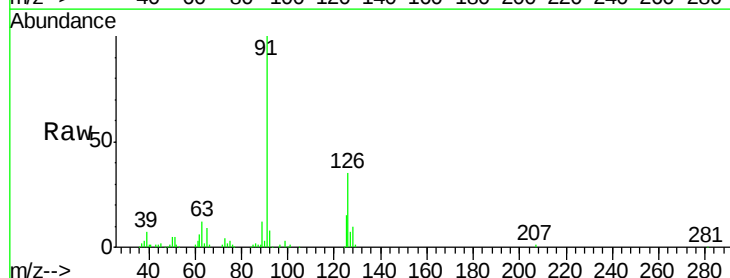
RT: 12.77 min Scan# 3420

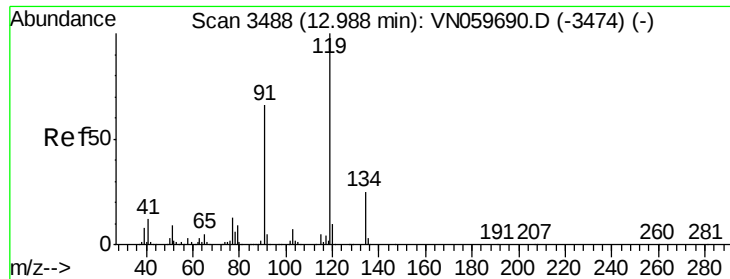
Delta R.T. 0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Tgt Ion:	91	Resp:	126961
Ion	Ratio	Lower	Upper
91	100		
126	35.3	16.3	48.8





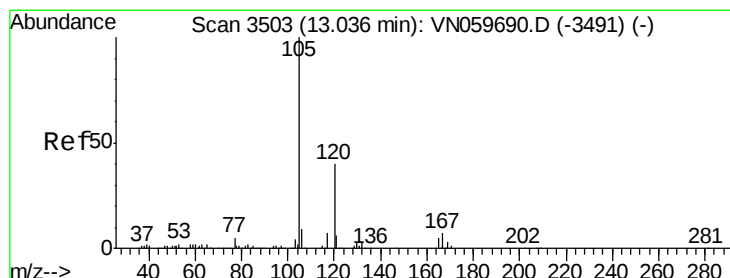
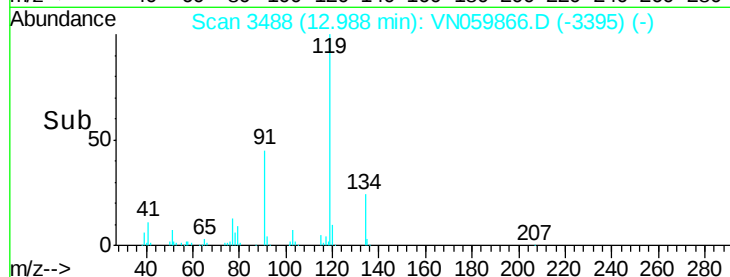
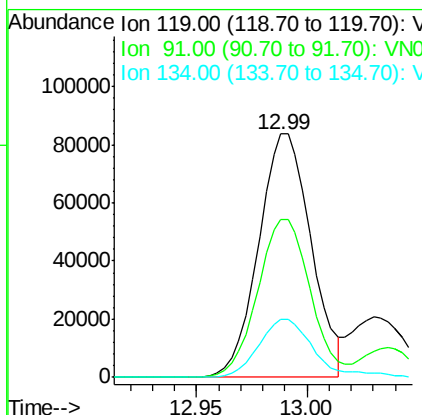
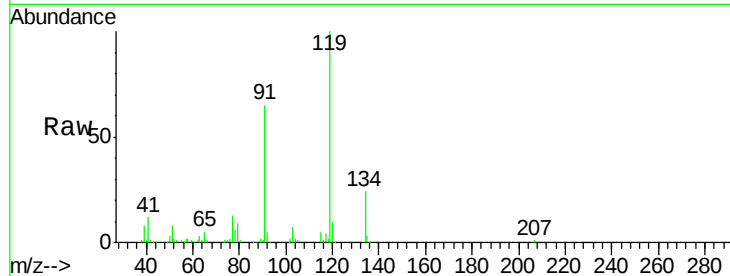
#83
tert-Butylbenzene
Concen: 20.444 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VN0127MBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.8	34.8	104.4
134	25.1	12.3	36.9

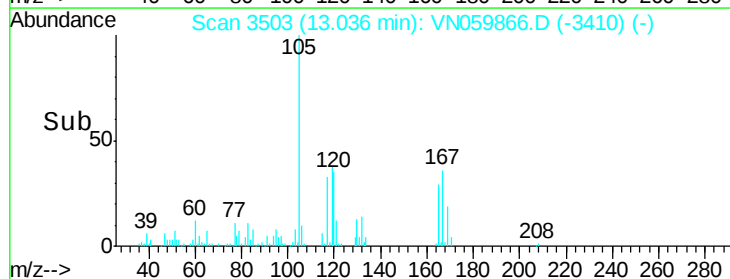
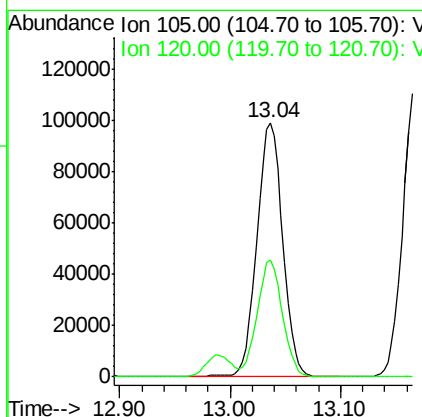
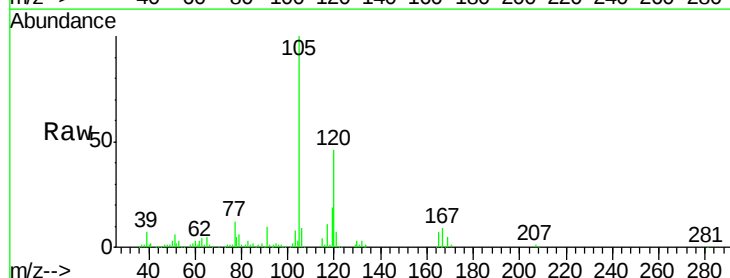
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#84
1,2,4-Trimethylbenzene
Concen: 20.751 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.3	66.9





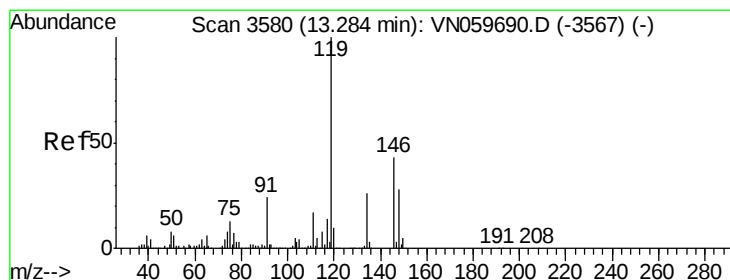
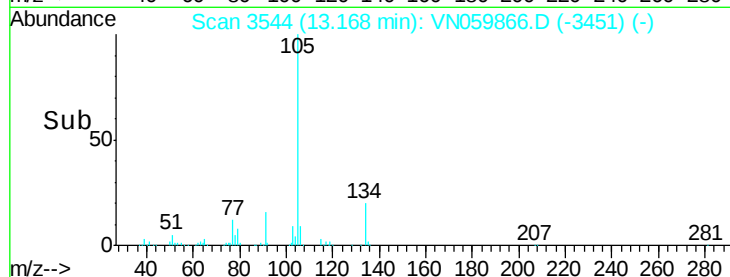
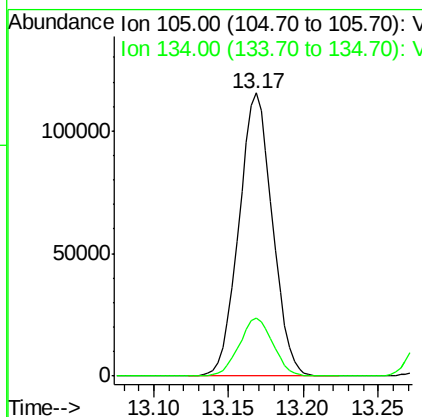
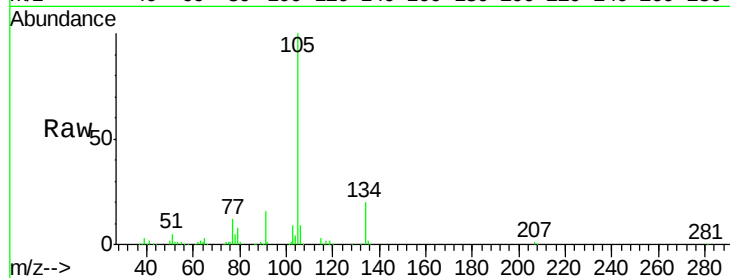
#85
 sec-Butylbenzene
 Concen: 20.244 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN059866.D
 Acq: 27 Jan 2020 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127MBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	179800		
134	20.5	9.8	29.5	

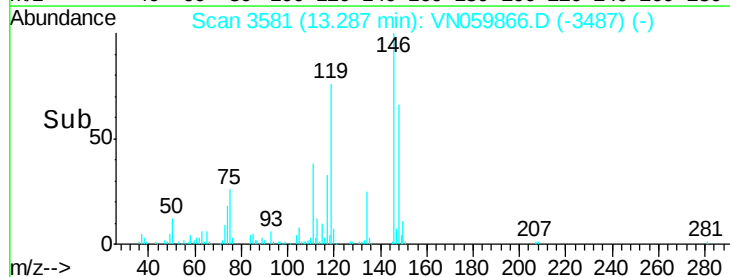
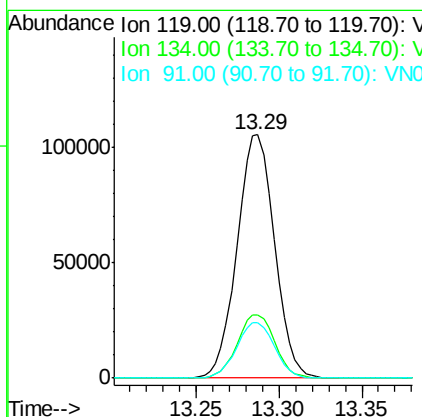
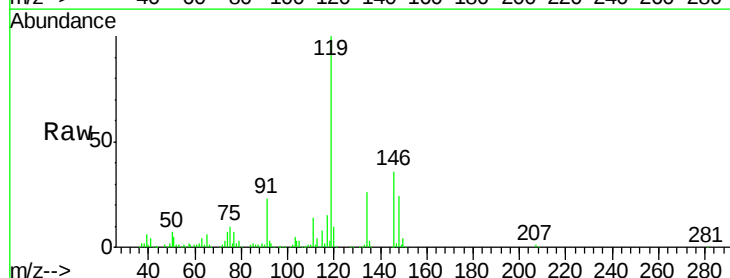
Manual Integrations
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#86
 p-Isopropyltoluene
 Concen: 20.215 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN059866.D
 Acq: 27 Jan 2020 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	166134		
134	26.1	12.9	38.7	
91	23.2	12.4	37.4	





#87

1,3-Dichlorobenzene

Concen: 20.703 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Instrument :

MSVOA_N

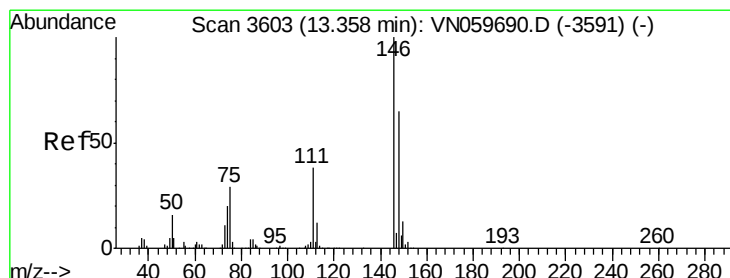
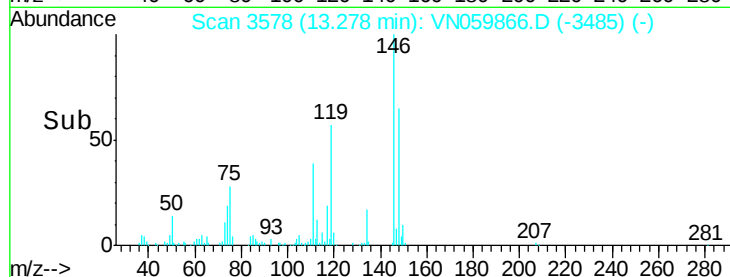
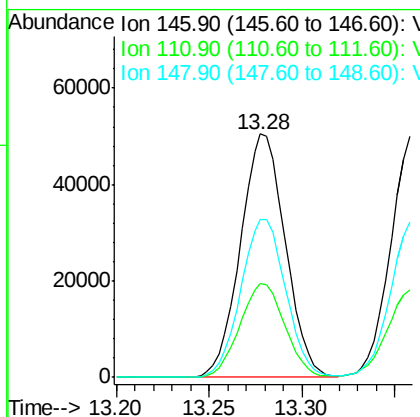
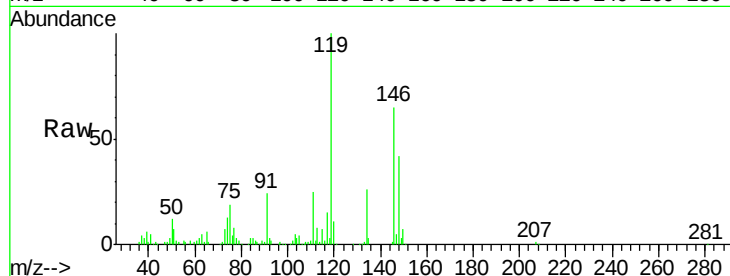
ClientSampleId :

VN0127MBS01

Tot Ion:	146	Resp:	84640
Ion Ratio	Lower	Upper	
146	100		
111	38.7	20.8	62.2
148	65.1	32.0	96.0

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#88

1,4-Dichlorobenzene

Concen: 20.550 ug/l

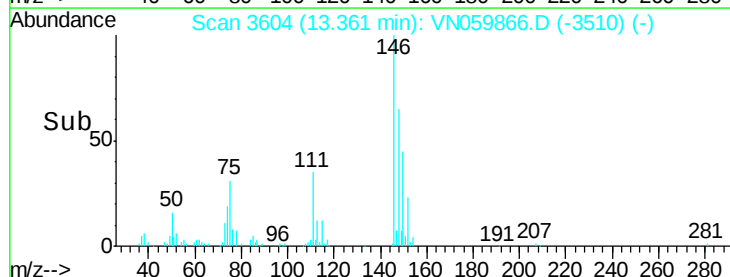
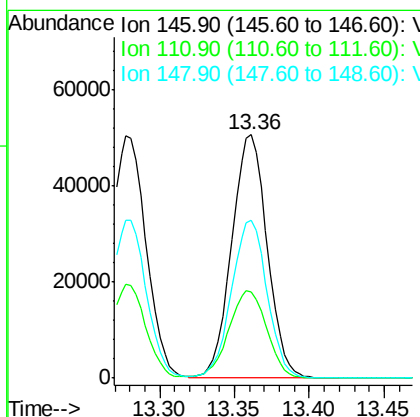
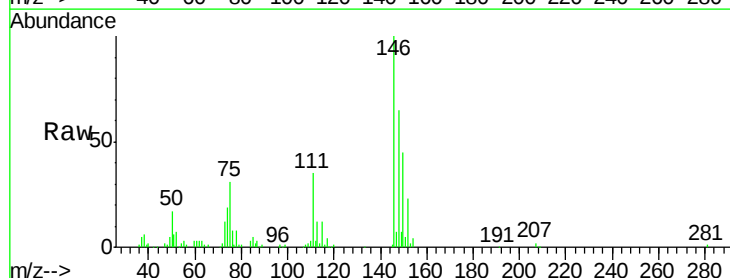
RT: 13.36 min Scan# 3604

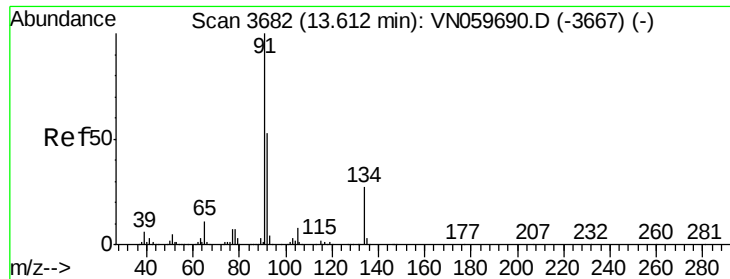
Delta R.T. 0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Tgt Ion:	146	Resp:	83813
Ion Ratio	Lower	Upper	
146	100		
111	38.5	20.8	62.2
148	65.0	31.8	95.4





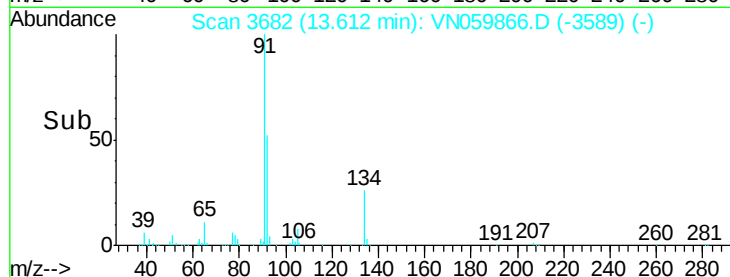
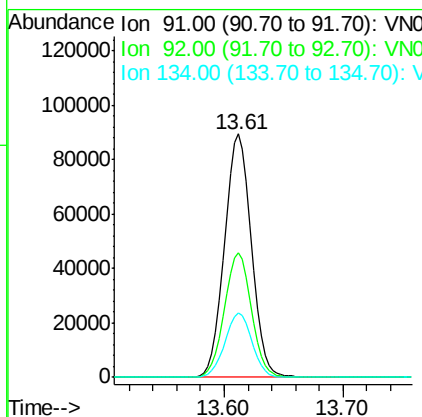
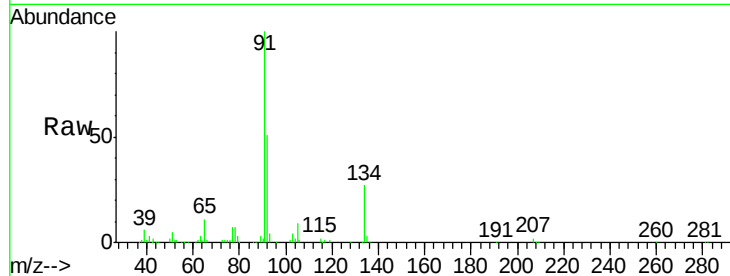
#89
n-Butylbenzene
Concen: 19.981 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VN0127MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.3	25.9	77.7
134	26.6	12.3	36.8

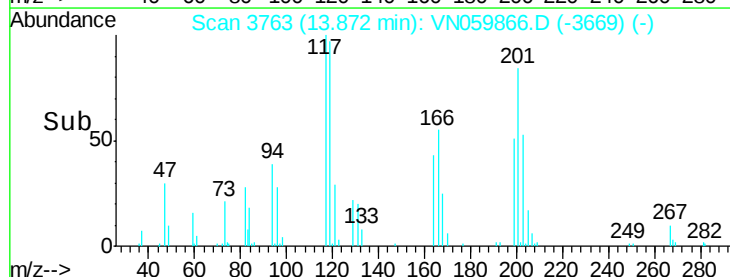
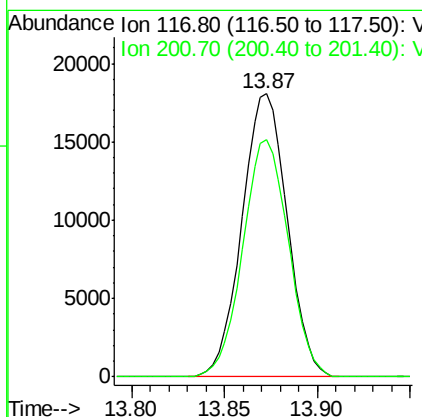
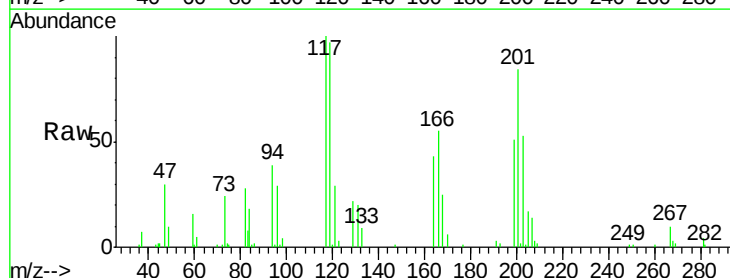
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#90
Hexachloroethane
Concen: 19.882 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN059866.D
Acq: 27 Jan 2020 12:42

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.5	37.8	113.4





#91

1,2-Dichlorobenzene

Concen: 20.819 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Instrument :

MSVOA_N

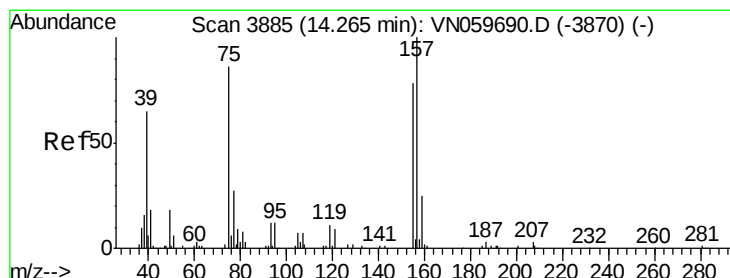
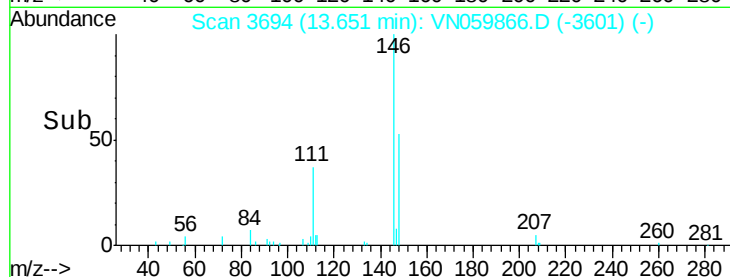
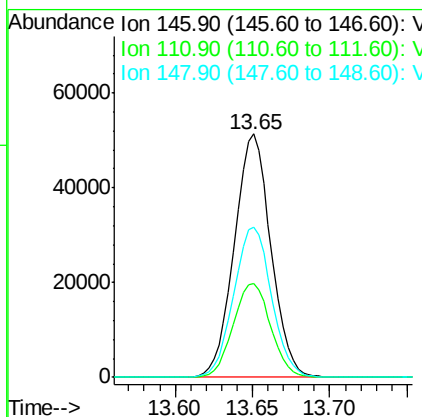
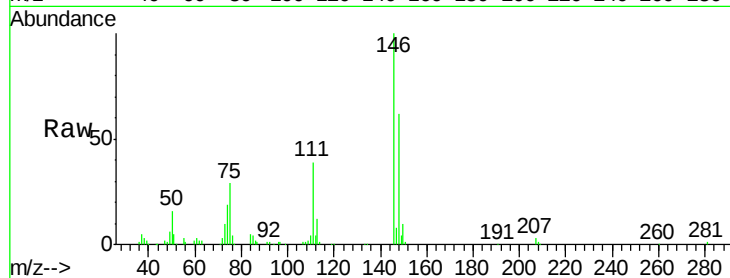
ClientSampleId :

VN0127MBS01

Tot Ion:	146	Resp:	84146
Ion Ratio	Lower	Upper	
146	100		
111	39.7	21.6	64.8
148	63.9	31.6	95.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 18.364 ug/l

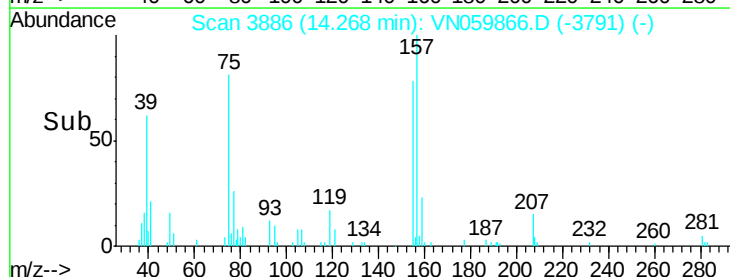
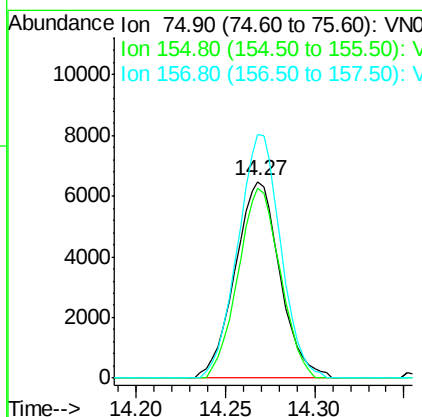
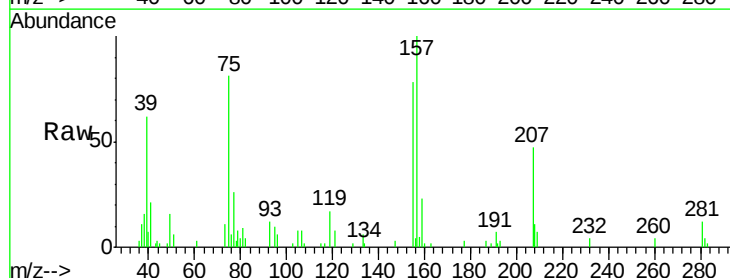
RT: 14.27 min Scan# 3886

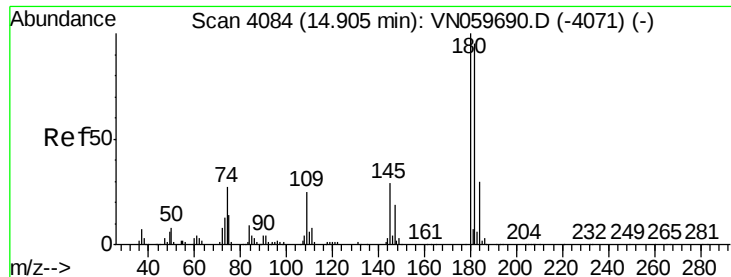
Delta R.T. 0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Tgt Ion:	75	Resp:	11384
Ion Ratio	Lower	Upper	
75	100		
155	90.4	37.0	110.9
157	118.6	48.4	145.2





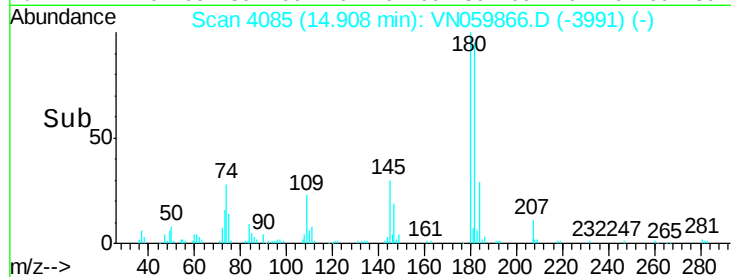
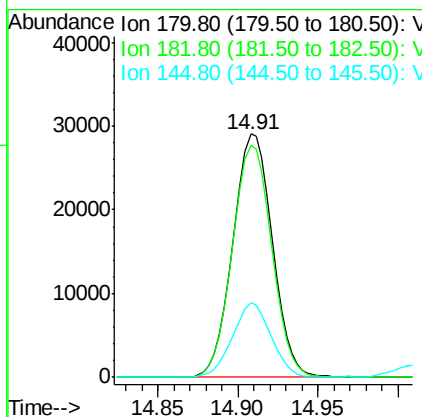
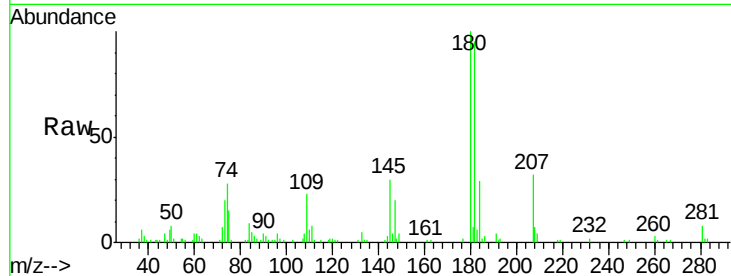
#93
 1,2,4-Trichlorobenzene
 Concen: 20.140 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN059866.D
 Acq: 27 Jan 2020 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127MBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	48912		
182	94.9	46.9	140.7	
145	29.7	15.0	45.1	

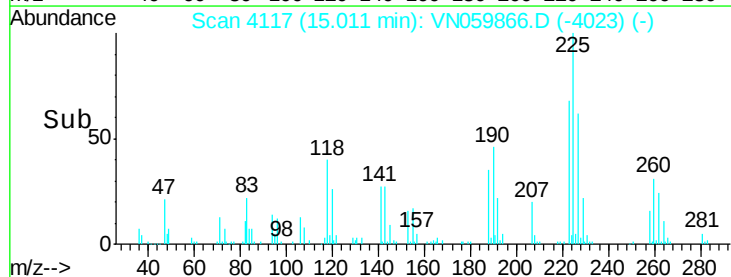
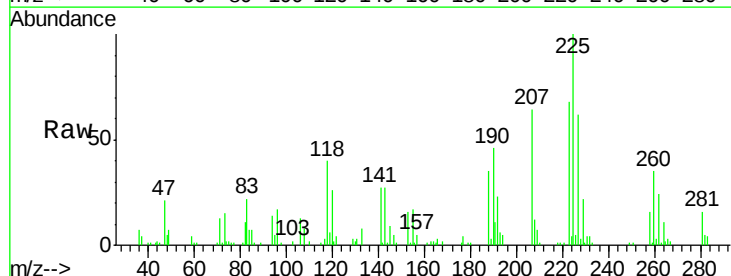
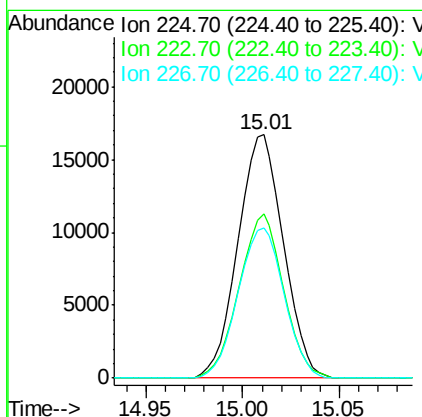
Manual Integrations
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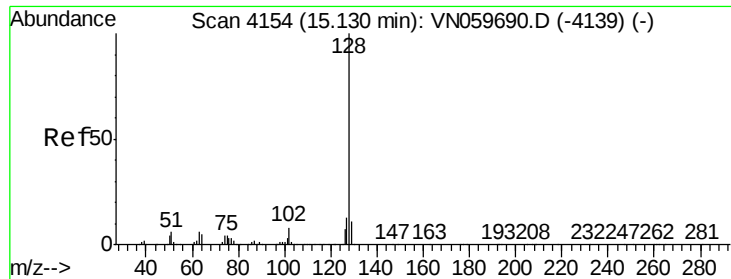
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#94
 Hexachlorobutadiene
 Concen: 20.386 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN059866.D
 Acq: 27 Jan 2020 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	27283		
223	65.8	31.8	95.3	
227	62.5	32.1	96.5	





#95

Naphthalene

Concen: 18.595 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Instrument :

MSVOA_N

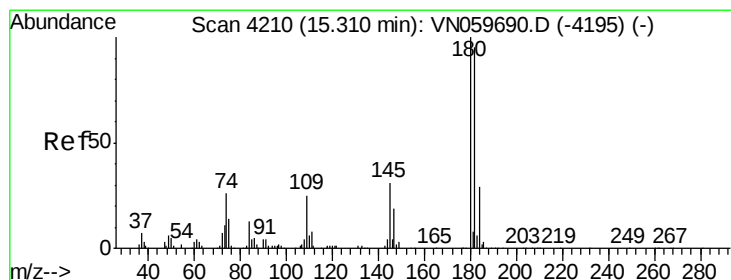
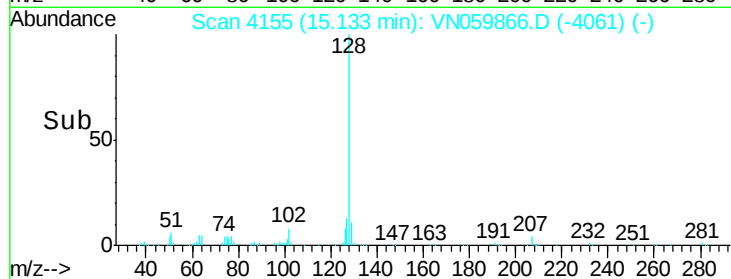
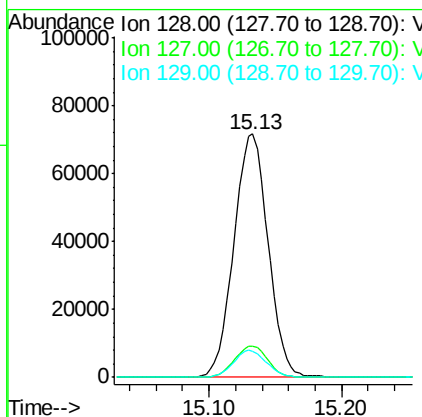
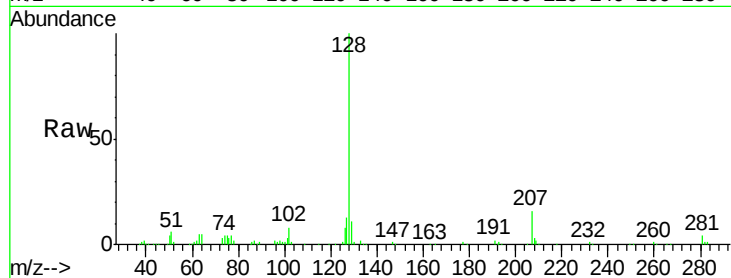
ClientSampleId :

VN0127MBS01

Tot Ion:	128	Resp:	128454
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.4	15.6
129	10.6	8.6	12.8

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 20.013 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN059866.D

Acq: 27 Jan 2020 12:42

Tgt Ion:	180	Resp:	47310
Ion Ratio	Lower	Upper	
180	100		
182	94.8	47.4	142.3
145	31.9	16.3	48.9

